

Cover Page

Order ID : P5362

Project ID : Con Ed Non-MGP - East River SI 453648

Client : PARSONS Main of New York, Inc.

Lab Sample Number

P5362-01
P5362-02

Client Sample Number

WC-SOIL-20241219
WC-SOIL-20241219

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: 1/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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CASE NARRATIVE

PARSONS Main of New York, Inc.

Project Name: Con Ed Non-MGP - East River SI 453648

Project # N/A

Chemtech Project # P5362

Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/19/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOC-TCLVOA-10. This data package contains results for TCLP BNA.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for WC-SOIL-20241219MS [Terphenyl-d14 - 126%], due to matrix interference no corrective action is required.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS {P5362-02MS} with File ID: BF141050.D recoveries met the requirements for all compounds except for 2,4,5-Trichlorophenol[114%] and 2,4,6-Trichlorophenol[114%] due to matrix interference no corrective action is required.

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike for {PB165894BS} with File ID: BF141021.D met requirements for all samples except for 2,4,5-Trichlorophenol[107%], Hexachlorobenzene[109%], The associate samples have no positive hit for these compounds therefore no corrective action was taken.



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The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 20% in the Initial Calibration (8270-BF122624.M) for 2,4-Dinitrotoluene, this compound is passing on Linear Regression.

The Continuous Calibration File ID BF141047.D met the requirements except for 2,4-Dinitrotoluene, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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 #: P5362

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: MAYUR DESAI

Date: 01/06/2025

LAB CHRONICLE

OrderID:	P5362	OrderDate:	12/20/2024 10:07:00 AM
Client:	PARSONS Main of New York, Inc.	Project:	Con Ed Non-MGP - East River SI 453648
Contact:	Stephen Liberatore	Location:	N21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5362-01	WC-SOIL-20241219	SOIL	SVOC-TCL BNA -20	8270E	12/19/24	12/23/24	12/27/24	12/19/24
P5362-02	WC-SOIL-20241219	TCLP	TCLP BNA	8270E	12/19/24	12/27/24	12/30/24	12/19/24



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Hit Summary Sheet SW-846

SDG No.: P5362
Client: PARSONS Main of New York, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: P5362

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P5362-02	WC-SOIL-20241219	2-Fluorophenol	150	151	101		10	139
		Phenol-d6	150	142	95		10	134
		Nitrobenzene-d5	100	131	131		49	133
		2-Fluorobiphenyl	100	103	103		52	132
		2,4,6-Tribromophenol	150	190	127		44	137
		Terphenyl-d14	100	105	105		48	125
P5362-02MS	WC-SOIL-20241219MS	2-Fluorophenol	150	148	99		10	139
		Phenol-d6	150	144	96		10	134
		Nitrobenzene-d5	100	130	130		49	133
		2-Fluorobiphenyl	100	104	104		52	132
		2,4,6-Tribromophenol	150	190	126		44	137
		Terphenyl-d14	100	126	126	*	48	125
P5362-02MSD	WC-SOIL-20241219MSD	2-Fluorophenol	150	145	97		10	139
		Phenol-d6	150	141	94		10	134
		Nitrobenzene-d5	100	127	127		49	133
		2-Fluorobiphenyl	100	100	100		52	132
		2,4,6-Tribromophenol	150	184	123		44	137
		Terphenyl-d14	100	122	122		48	125
PB165858TB	PB165858TB	2-Fluorophenol	150	142	95		10	139
		Phenol-d6	150	138	92		10	134
		Nitrobenzene-d5	100	118	118		49	133
		2-Fluorobiphenyl	100	99.4	99		52	132
		2,4,6-Tribromophenol	150	169	113		44	137
		Terphenyl-d14	100	94.1	94		48	125
PB165894BL	PB165894BL	2-Fluorophenol	150	127	85		10	139
		Phenol-d6	150	124	82		10	134
		Nitrobenzene-d5	100	102	102		49	133
		2-Fluorobiphenyl	100	88.7	89		52	132
		2,4,6-Tribromophenol	150	145	97		44	137
		Terphenyl-d14	100	85.7	86		48	125
PB165894BS	PB165894BS	2-Fluorophenol	150	134	89		10	139
		Phenol-d6	150	133	88		10	134
		Nitrobenzene-d5	100	109	109		49	133
		2-Fluorobiphenyl	100	94.8	95		52	132
		2,4,6-Tribromophenol	150	158	105		44	137
		Terphenyl-d14	100	106	106		48	125

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5362

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5362-02MS	Client Sample ID:	WC-SOIL-20241219MS					DataFile:	BF141050.D		
Pyridine	500	0	310	ug/L	62				10	109	
1,4-Dichlorobenzene	500	0	490	ug/L	98				55	125	
2-Methylphenol	500	0	530	ug/L	106				37	126	
3+4-Methylphenols	500	0	510	ug/L	102				31	127	
Hexachloroethane	500	0	510	ug/L	102				49	110	
Nitrobenzene	500	0	560	ug/L	112				62	112	
Hexachlorobutadiene	500	0	500	ug/L	100				52	125	
2,4,6-Trichlorophenol	500	0	570	ug/L	114	*			78	112	
2,4,5-Trichlorophenol	500	0	570	ug/L	114	*			71	111	
2,4-Dinitrotoluene	500	0	660	ug/L	132				50	142	
Hexachlorobenzene	500	0	570	ug/L	114				72	115	
Pentachlorophenol	1000	0	1200	ug/L	120				25	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5362

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5362-02MSD		Client Sample ID: WC-SOIL-20241219MSD		DataFile: BF141051.D							
Pyridine	500	0	310	ug/L	62	0			10	109	20
1,4-Dichlorobenzene	500	0	470	ug/L	94	4			55	125	20
2-Methylphenol	500	0	510	ug/L	102	4			37	126	20
3+4-Methylphenols	500	0	500	ug/L	100	2			31	127	20
Hexachloroethane	500	0	490	ug/L	98	4			49	110	20
Nitrobenzene	500	0	550	ug/L	110	2			62	112	20
Hexachlorobutadiene	500	0	490	ug/L	98	2			52	125	20
2,4,6-Trichlorophenol	500	0	560	ug/L	112	2			78	112	20
2,4,5-Trichlorophenol	500	0	550	ug/L	110	4			71	111	20
2,4-Dinitrotoluene	500	0	640	ug/L	128	3			50	142	20
Hexachlorobenzene	500	0	550	ug/L	110	4			72	115	20
Pentachlorophenol	1000	0	1100	ug/L	110	9			25	139	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5362

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E DataFile: BF141021.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165894BS	Pyridine	50	45.5	ug/L	91				29	97	
	1,4-Dichlorobenzene	50	47.7	ug/L	95				76	103	
	2-Methylphenol	50	50.1	ug/L	100				69	109	
	3+4-Methylphenols	50	48.9	ug/L	98				67	106	
	Hexachloroethane	50	49.2	ug/L	98				76	118	
	Nitrobenzene	50	51.7	ug/L	103				58	106	
	Hexachlorobutadiene	50	48.2	ug/L	96				69	101	
	2,4,6-Trichlorophenol	50	52.9	ug/L	106				61	110	
	2,4,5-Trichlorophenol	50	53.4	ug/L	107		*		70	106	
	2,4-Dinitrotoluene	50	55.4	ug/L	111				60	115	
	Hexachlorobenzene	50	54.3	ug/L	109		*		73	106	
	Pentachlorophenol	100	110	ug/L	110				47	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165894BL

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM Case No.: P5362

SAS No.: P5362 SDG NO.: P5362

Lab File ID: BF141020.D

Lab Sample ID: PB165894BL

Instrument ID: BNA_F

Date Extracted: 12/27/2024

Matrix: (soil/water) water

Date Analyzed: 12/30/2024

Level: (low/med) LOW

Time Analyzed: 09:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165894BS	PB165894BS	BF141021.D	12/30/2024
WC-SOIL-20241219MS	P5362-02MS	BF141050.D	12/31/2024
WC-SOIL-20241219MSD	P5362-02MSD	BF141051.D	12/31/2024
WC-SOIL-20241219	P5362-02	BF141033.D	12/30/2024
PB165858TB	PB165858TB	BF141022.D	12/30/2024

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5362 SDG NO.: P5362Lab 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: PARS02Lab Code: CHEMSAS No.: P5362 SDG NO.: P5362Lab File ID: BF141018.DDFTPP Injection Date: 12/30/2024Instrument ID: BNA_FDFTPP Injection Time: 08:58

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	36.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.7
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	6.9
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	94.1
443	15.0 - 24.0% of mass 442	18.4 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141019.D	12/30/2024	09:24
PB165894BL	PB165894BL	BF141020.D	12/30/2024	09:50
PB165894BS	PB165894BS	BF141021.D	12/30/2024	10:17
PB165858TB	PB165858TB	BF141022.D	12/30/2024	10:43



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5362 SDG NO.: P5362Lab File ID: BF141030.DDFTPP Injection Date: 12/30/2024Instrument ID: BNA_FDFTPP Injection Time: 14:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
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	6.8
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	90.5
443	15.0 - 24.0% of mass 442	17.1 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141031.D	12/30/2024	15:20
WC-SOIL-20241219	P5362-02	BF141033.D	12/30/2024	16:20



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5362 SDG NO.: P5362Lab File ID: BF141046.DDFTPP Injection Date: 12/31/2024Instrument ID: BNA_FDFTPP Injection Time: 09:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.9
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	37.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
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	6.8
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	90.4
443	15.0 - 24.0% of mass 442	17.6 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141047.D	12/31/2024	09:50
WC-SOIL-20241219MS	P5362-02MS	BF141050.D	12/31/2024	11:23
WC-SOIL-20241219MSD	P5362-02MSD	BF141051.D	12/31/2024	11:49

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5362 SAS No.: P5362 SDG NO.: P5362

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/30/2024

Lab File ID: BF141019.D Time Analyzed: 09:24

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	287798	6.834	1120360	8.12	589913	9.87
UPPER LIMIT	575596	7.334	2240720	8.616	1179830	10.369
LOWER LIMIT	143899	6.334	560180	7.616	294957	9.369
EPA SAMPLE NO.						
01 PB165894BL	294590	6.83	1177090	8.11	636803	9.86
02 PB165894BS	265480	6.83	1062210	8.12	563633	9.86
03 PB165858TB	261082	6.83	1035810	8.11	557988	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.: P5362 SAS No.: P5362 SDG NO.: P5362

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/30/2024

Lab File ID: BF141019.D Time Analyzed: 09:24

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	999326	11.351	513499	13.992	572329	15.451
UPPER LIMIT	1998650	11.851	1027000	14.492	1144660	15.951
LOWER LIMIT	499663	10.851	256750	13.492	286165	14.951
EPA SAMPLE NO.						
01 PB165894BL	1094330	11.35	805864	13.99	643549	15.45
02 PB165894BS	910683	11.35	524973	13.99	559032	15.46
03 PB165858TB	953209	11.35	718934	13.99	570504	15.45

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.: P5362 SAS No.: P5362 SDG NO.: P5362

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/30/2024

Lab File ID: BF141031.D Time Analyzed: 15:20

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	290764	6.828	1134330	8.11	604245	9.86
UPPER LIMIT	581528	7.328	2268660	8.61	1208490	10.363
LOWER LIMIT	145382	6.328	567165	7.61	302123	9.363
EPA SAMPLE NO.						
01 WC-SOIL-20241219	234997	6.83	939786	8.10	505899	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.: P5362 SAS No.: P5362 SDG NO.: P5362

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/30/2024

Lab File ID: BF141031.D Time Analyzed: 15:20

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	1042120	11.345	569163	13.986	568544	15.445
UPPER LIMIT	2084240	11.845	1138330	14.486	1137090	15.945
LOWER LIMIT	521060	10.845	284582	13.486	284272	14.945
EPA SAMPLE NO.						
01 WC-SOIL-20241219	867838	11.34	598109	13.98	465570	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.: P5362 SAS No.: P5362 SDG NO.: P5362

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/31/2024

Lab File ID: BF141047.D Time Analyzed: 09:50

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	267957	6.828	1030830	8.11	541136	9.86
UPPER LIMIT	535914	7.328	2061660	8.61	1082270	10.363
LOWER LIMIT	133979	6.328	515415	7.61	270568	9.363
EPA SAMPLE NO.						
01 WC-SOIL-20241219MS	230352	6.83	918976	8.11	496643	9.86
02 WC-SOIL-20241219MSD	232407	6.83	925099	8.11	503882	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.: P5362 SAS No.: P5362 SDG NO.: P5362

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/31/2024

Lab File ID: BF141047.D Time Analyzed: 09:50

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	944319	11.345	516920	13.986	521026	15.445
UPPER LIMIT	1888640	11.845	1033840	14.486	1042050	15.945
LOWER LIMIT	472160	10.845	258460	13.486	260513	14.945
EPA SAMPLE NO.						
01 WC-SOIL-20241219MS	836009	11.35	393323	13.99	476566	15.45
02 WC-SOIL-20241219MSD	849705	11.35	416215	13.99	472841	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.



SAMPLE DATA

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219	SDG No.:	P5362
Lab Sample ID:	P5362-02	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141033.D	1	12/27/24 10:25	12/30/24 16:20	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	UQ	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	UM	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	UQ	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	151		10 - 139	101%	SPK: 150
13127-88-3	Phenol-d6	142		10 - 134	95%	SPK: 150
4165-60-0	Nitrobenzene-d5	131		49 - 133	131%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		52 - 132	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	190		44 - 137	127%	SPK: 150
1718-51-0	Terphenyl-d14	105		48 - 125	105%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	235000		6.828		
1146-65-2	Naphthalene-d8	940000		8.104		
15067-26-2	Acenaphthene-d10	506000		9.857		
1517-22-2	Phenanthrene-d10	868000		11.339		
1719-03-5	Chrysene-d12	598000		13.98		
1520-96-3	Perylene-d12	466000		15.439		

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/19/24
Project:	Con Ed Non-MGP - East River SI 453648		Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219		SDG No.:	P5362
Lab Sample ID:	P5362-02		Matrix:	TCLP
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141033.D	1	12/27/24 10:25	12/30/24 16:20	PB165894

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\BF123024\
Data File : BF141033.D
Acq On : 30 Dec 2024 16:20
Operator : RC/JU
Sample : P5362-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219

Quant Time: Dec 30 16:40:42 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

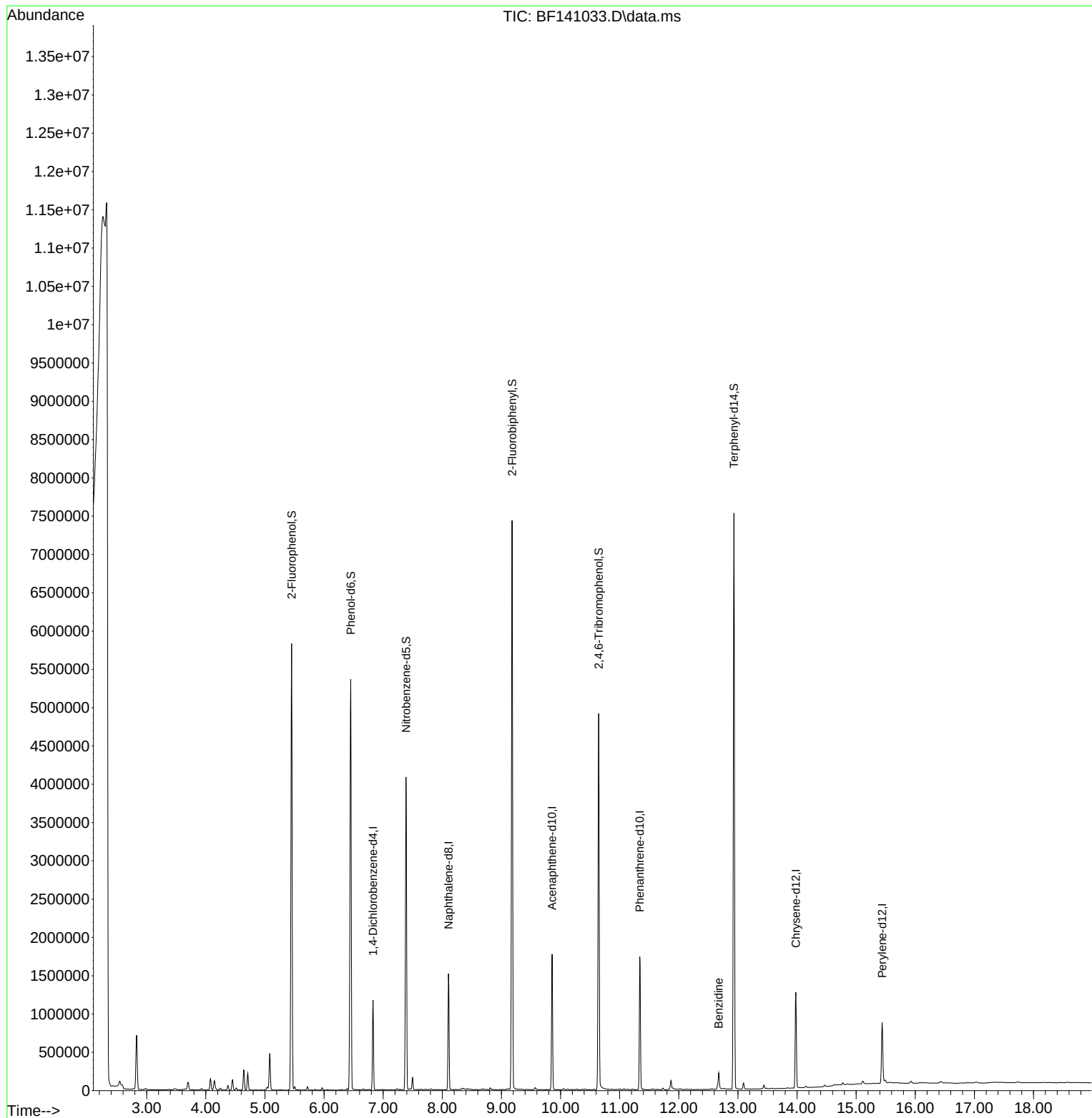
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	234997	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	939786	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	505899	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	867838	20.000	ng	0.00
76) Chrysene-d12	13.980	240	598109	20.000	ng	0.00
86) Perylene-d12	15.439	264	465570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	2351711	150.849	ng	0.02
7) Phenol-d6	6.451	99	2856863	142.253	ng	0.00
23) Nitrobenzene-d5	7.387	82	1917940	130.568	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	934286	190.056	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3278771	103.259	ng	0.00
79) Terphenyl-d14	12.933	244	3790460	105.264	ng	0.00
Target Compounds						Qvalue
77) Benzidine	12.675	184	114420	9.052	ng	99

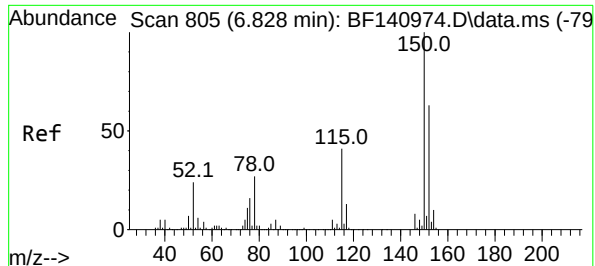
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141033.D
Acq On : 30 Dec 2024 16:20
Operator : RC/JU
Sample : P5362-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219

Quant Time: Dec 30 16:40:42 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

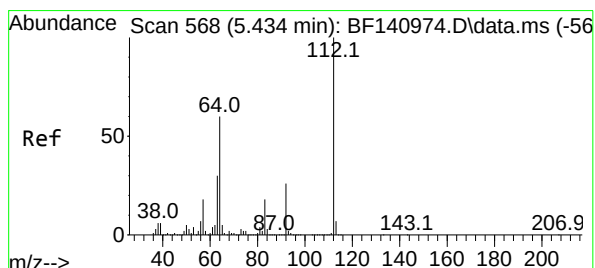
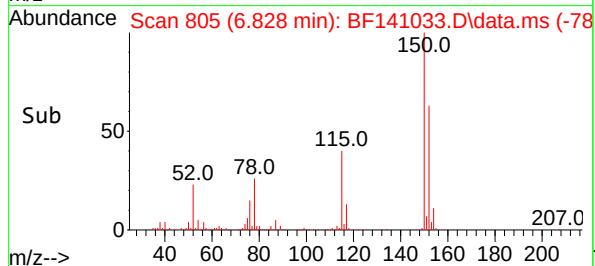
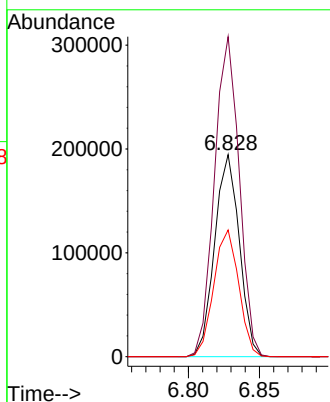
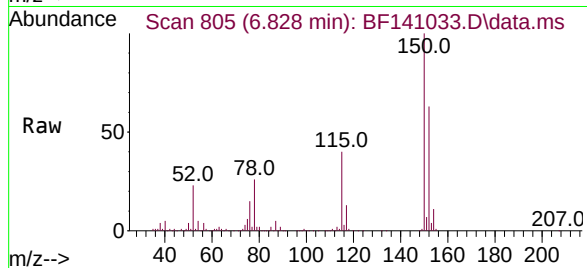




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141033.D
Acq: 30 Dec 2024 16:20

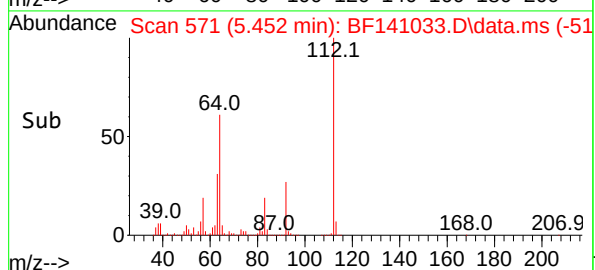
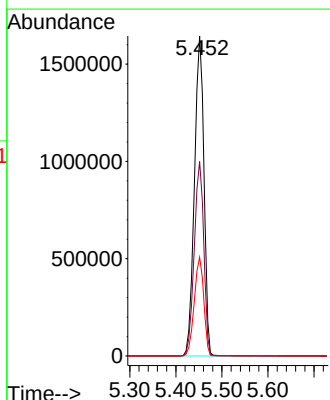
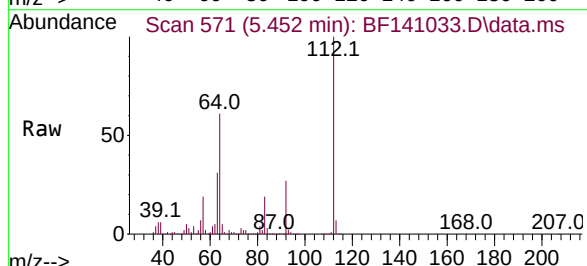
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219

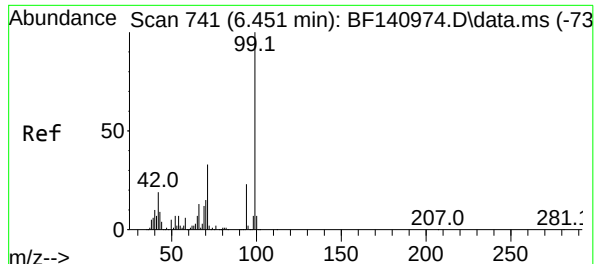
Tgt Ion:152 Resp: 234997
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.6
115 62.7 51.7 77.5



#5
2-Fluorophenol
Concen: 150.849 ng
RT: 5.452 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141033.D
Acq: 30 Dec 2024 16:20

Tgt Ion:112 Resp: 2351711
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 30.9 24.2 36.2

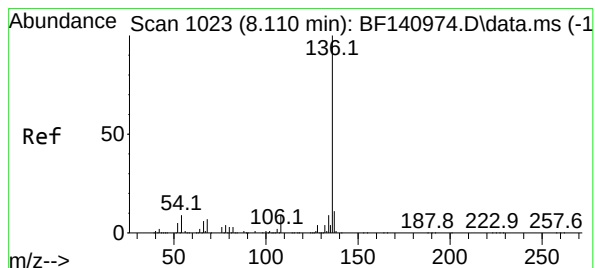
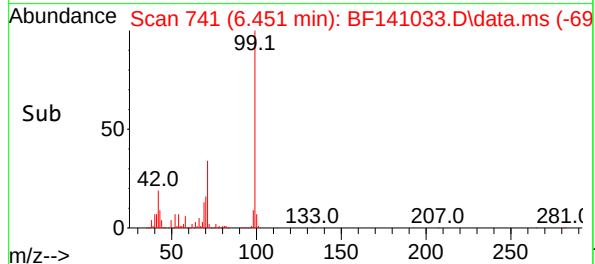
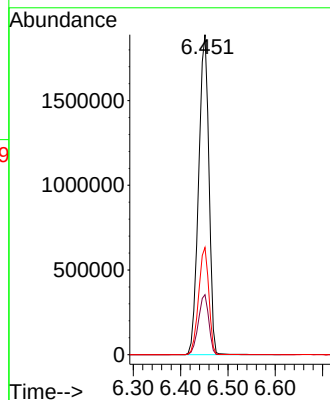
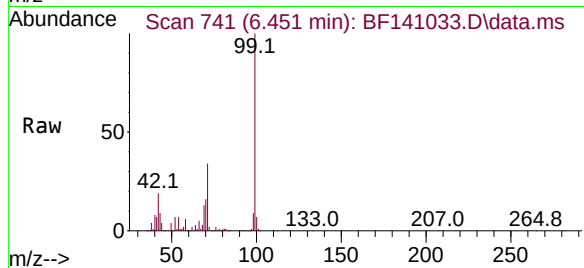




#7
Phenol-d6
Concen: 142.253 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141033.D
Acq: 30 Dec 2024 16:20

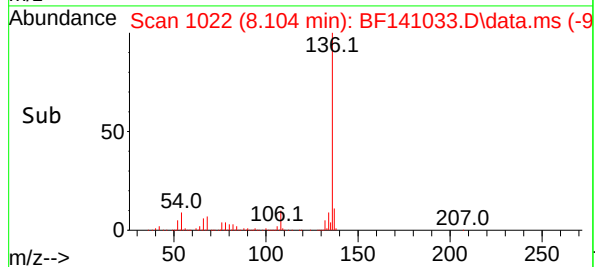
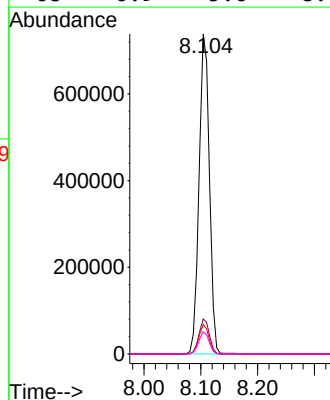
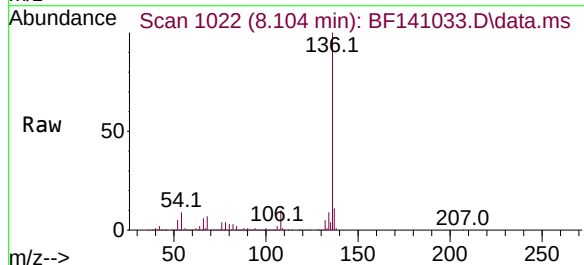
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219

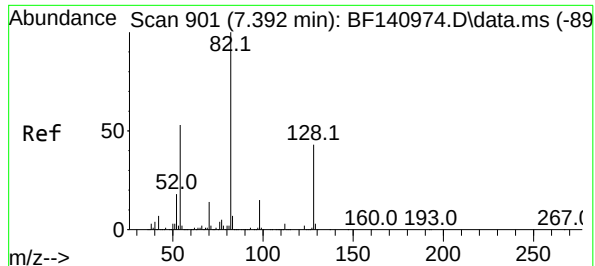
Tgt Ion: 99 Resp: 2856863
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 33.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141033.D
Acq: 30 Dec 2024 16:20

Tgt Ion: 136 Resp: 939786
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.2 7.6 11.4
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 130.568 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141033.D

Acq: 30 Dec 2024 16:20

Instrument :

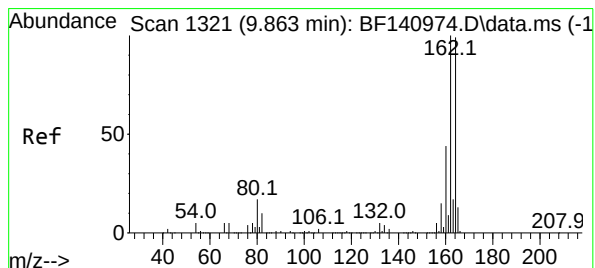
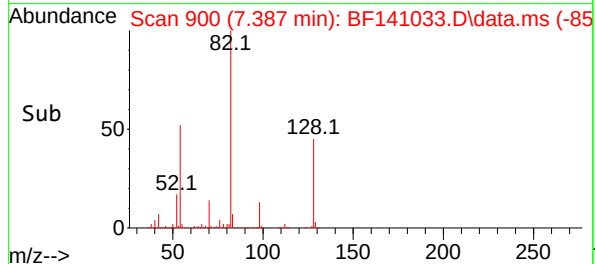
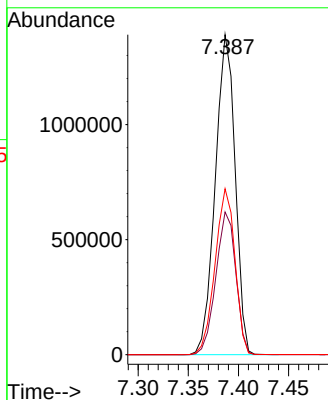
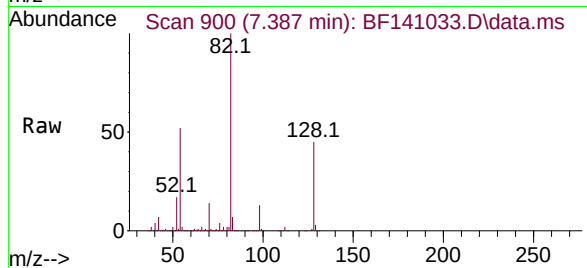
BNA_F

ClientSampleId :

WC-SOIL-20241219

Tgt Ion: 82 Resp: 1917940

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.4	51.6
54	51.9	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

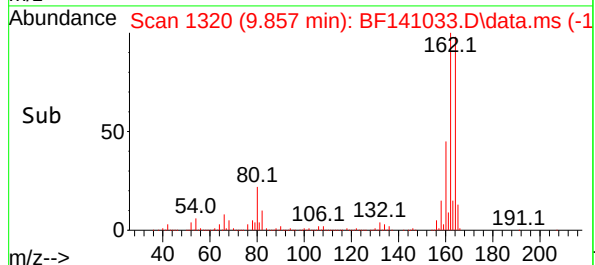
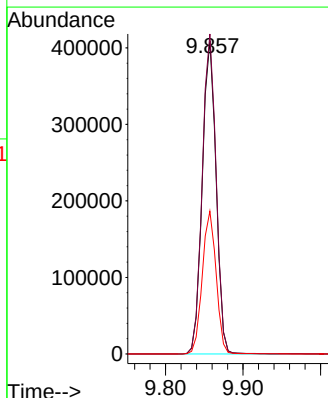
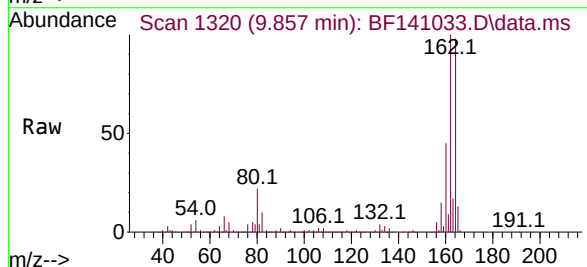
Delta R.T. -0.006 min

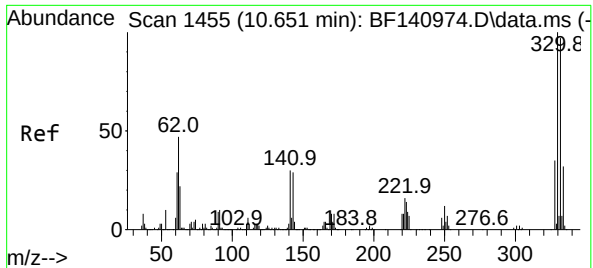
Lab File: BF141033.D

Acq: 30 Dec 2024 16:20

Tgt Ion: 164 Resp: 505899

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	45.6	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 190.056 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141033.D

Acq: 30 Dec 2024 16:20

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219

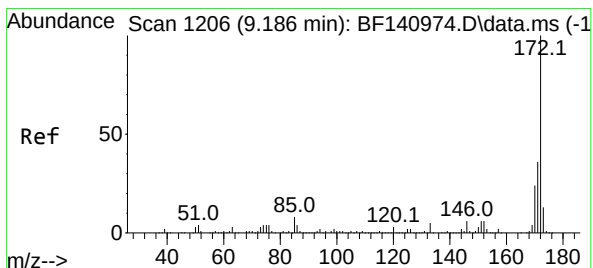
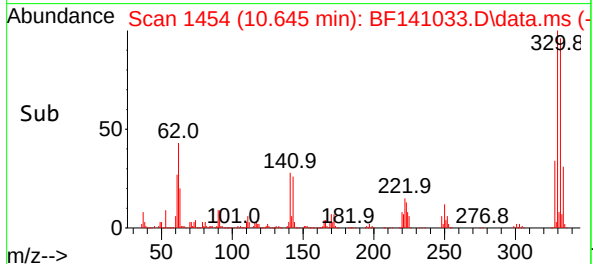
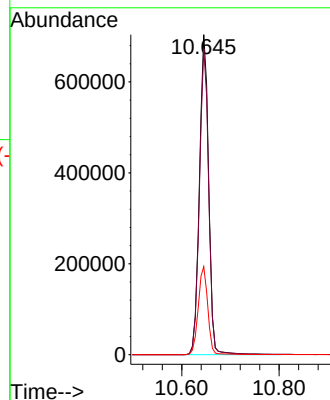
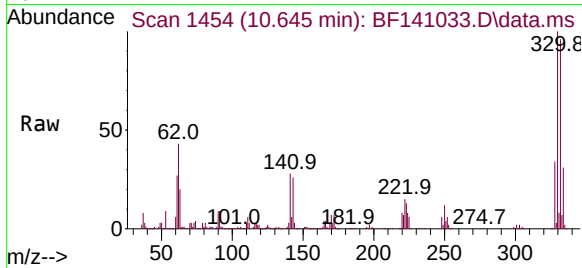
Tgt Ion:330 Resp: 934286

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 28.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 103.259 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141033.D

Acq: 30 Dec 2024 16:20

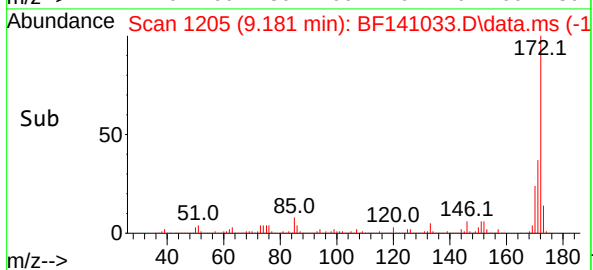
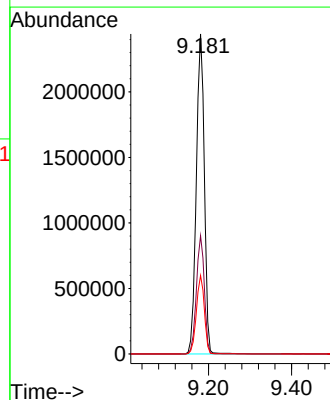
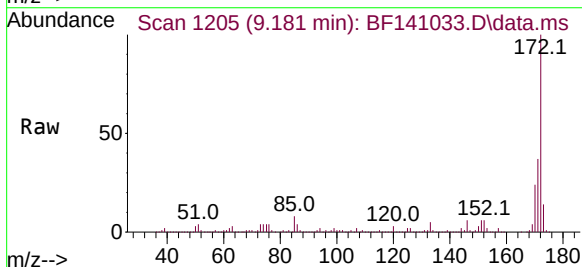
Tgt Ion:172 Resp: 3278771

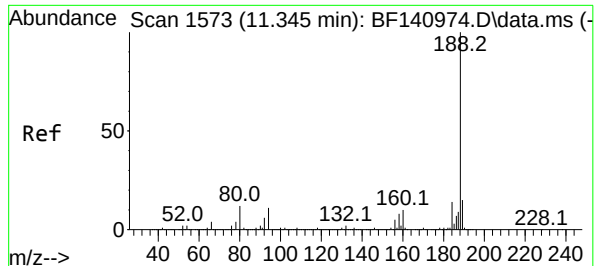
Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

170 24.5 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141033.D

Acq: 30 Dec 2024 16:20

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219

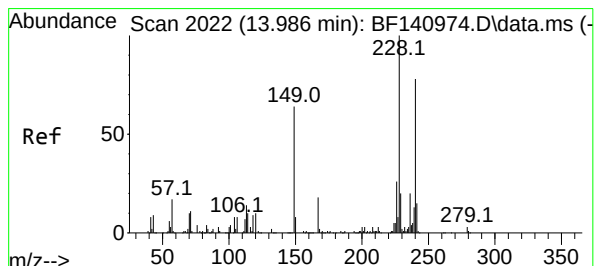
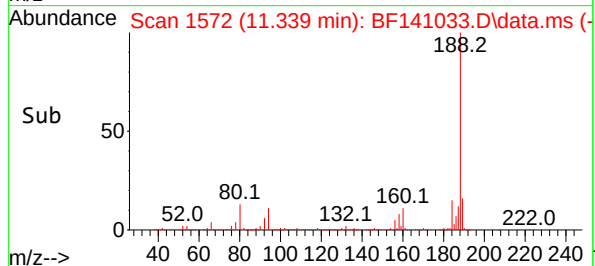
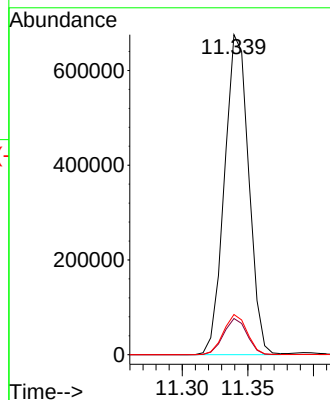
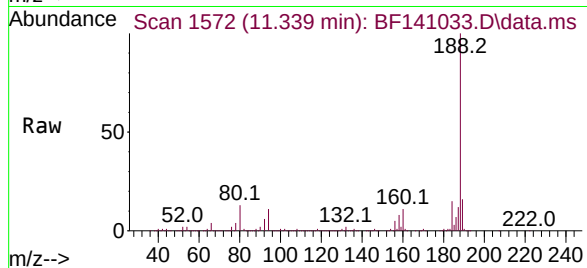
Tgt Ion:188 Resp: 867838

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

80 12.5 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: BF141033.D

Acq: 30 Dec 2024 16:20

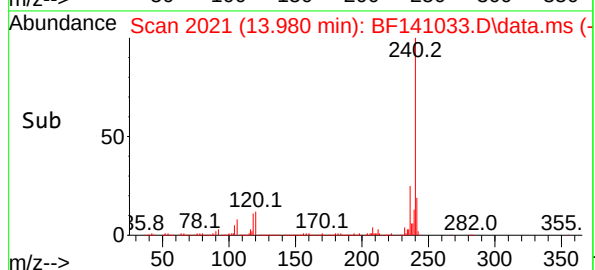
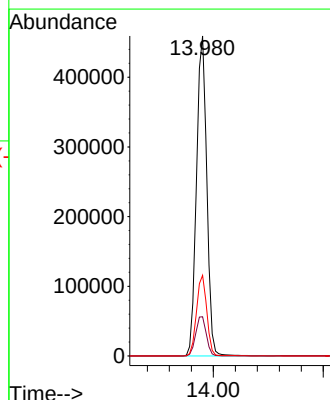
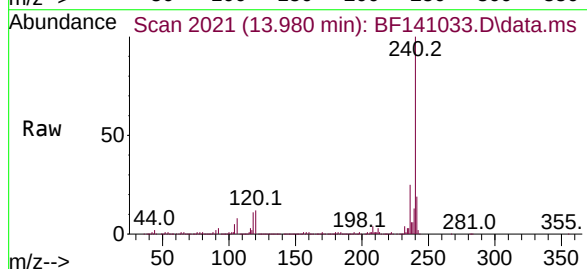
Tgt Ion:240 Resp: 598109

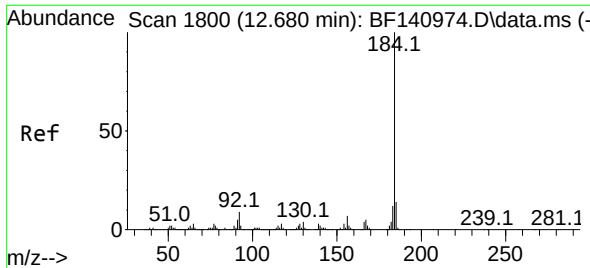
Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

236 25.2 20.6 31.0

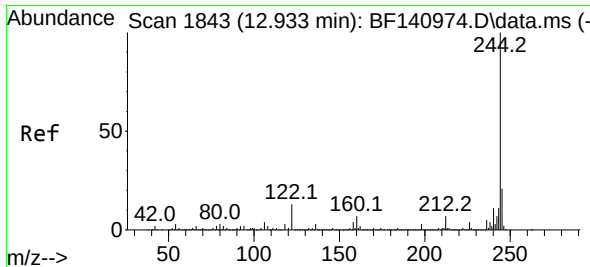
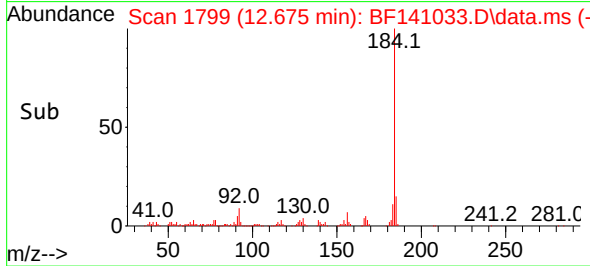
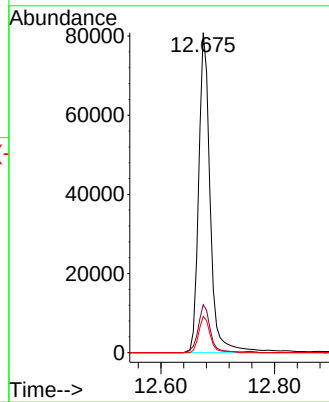
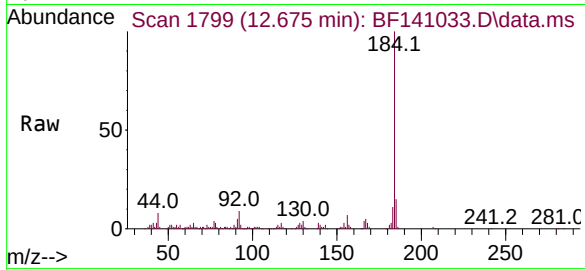




#77
Benzidine
Concen: 9.052 ng
RT: 12.675 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF141033.D
Acq: 30 Dec 2024 16:20

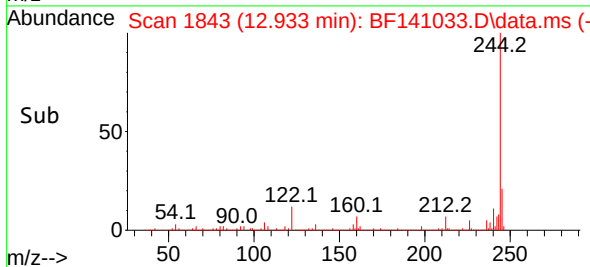
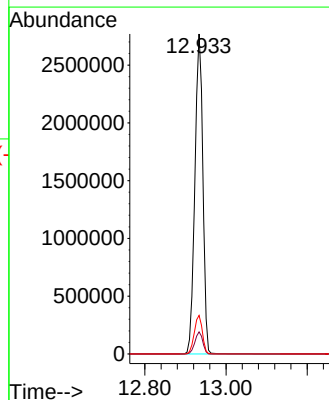
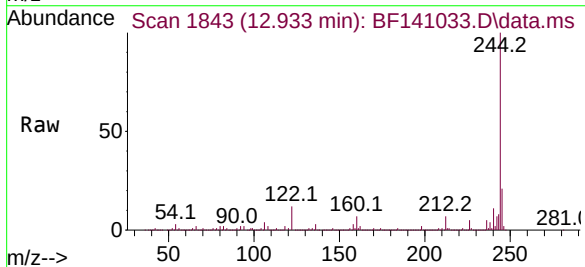
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219

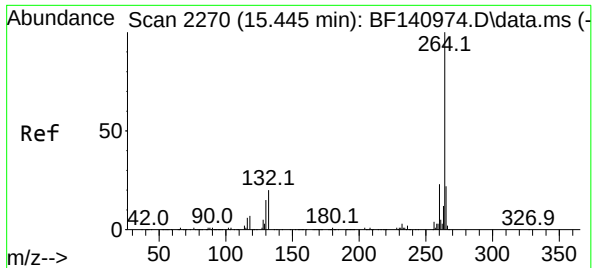
Tgt Ion:184 Resp: 114420
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 11.4 9.4 14.0



#79
Terphenyl-d14
Concen: 105.264 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF141033.D
Acq: 30 Dec 2024 16:20

Tgt Ion:244 Resp: 3790460
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 12.0 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141033.D

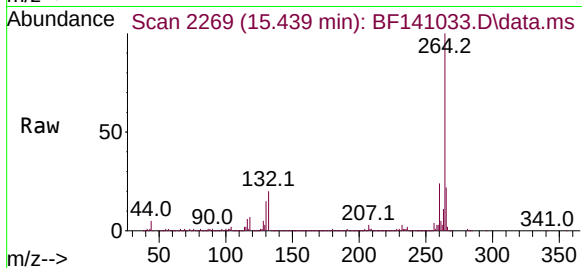
Acq: 30 Dec 2024 16:20

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219



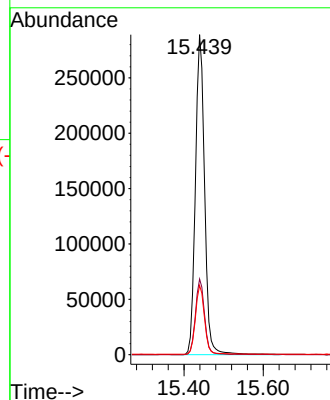
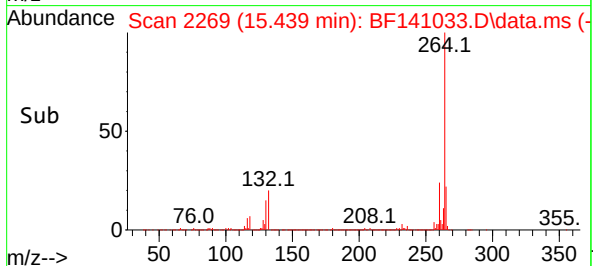
Tgt Ion:264 Resp: 465570

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.7 17.4 26.2



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/27/24
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/27/24
Client Sample ID:	PB165858TB	SDG No.:	P5362
Lab Sample ID:	PB165858TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141022.D	1	12/27/24 10:25	12/30/24 10:43	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	UQ	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	UQ	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	142		10 - 139	95%	SPK: 150
13127-88-3	Phenol-d6	138		10 - 134	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	118		49 - 133	118%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.4		52 - 132	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	169		44 - 137	113%	SPK: 150
1718-51-0	Terphenyl-d14	94.1		48 - 125	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	261000	6.828			
1146-65-2	Naphthalene-d8	1040000	8.11			
15067-26-2	Acenaphthene-d10	558000	9.857			
1517-22-2	Phenanthrene-d10	953000	11.345			
1719-03-5	Chrysene-d12	719000	13.986			
1520-96-3	Perylene-d12	571000	15.451			

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/27/24
Project:	Con Ed Non-MGP - East River SI 453648		Date Received:	12/27/24
Client Sample ID:	PB165858TB		SDG No.:	P5362
Lab Sample ID:	PB165858TB		Matrix:	TCLP
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141022.D	1	12/27/24 10:25	12/30/24 10:43	PB165894

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\BF123024\
Data File : BF141022.D
Acq On : 30 Dec 2024 10:43
Operator : RC/JU
Sample : PB165858TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165858TB

Quant Time: Dec 30 11:09:30 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 00:31:16 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	261082	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1035808	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	557988	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	953209	20.000	ng	0.00
76) Chrysene-d12	13.986	240	718934	20.000	ng	0.00
86) Perylene-d12	15.451	264	570504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2467503	142.463	ng	0.02
7) Phenol-d6	6.451	99	3081976	138.129	ng	0.00
23) Nitrobenzene-d5	7.387	82	1912945	118.155	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	916260	168.989	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3480771	99.387	ng	0.00
79) Terphenyl-d14	12.939	244	4073487	94.112	ng	0.00

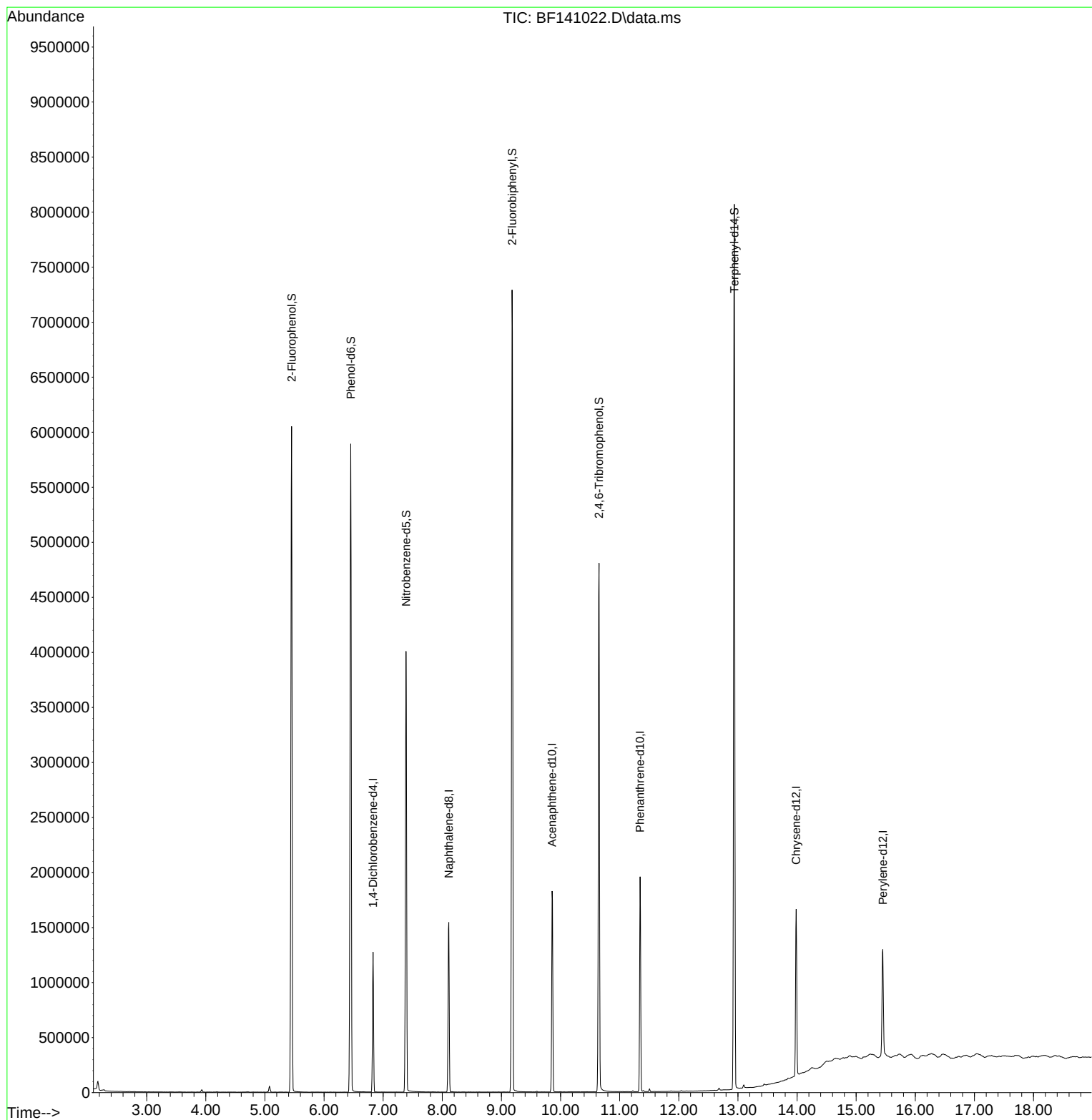
Target Compounds	Qvalue

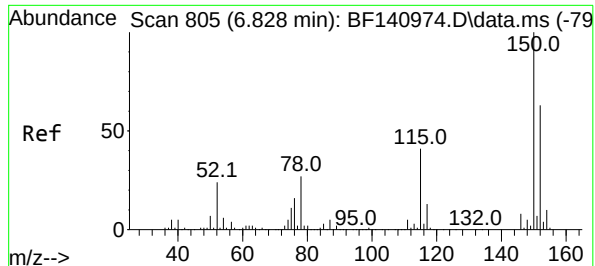
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141022.D
Acq On : 30 Dec 2024 10:43
Operator : RC/JU
Sample : PB165858TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165858TB

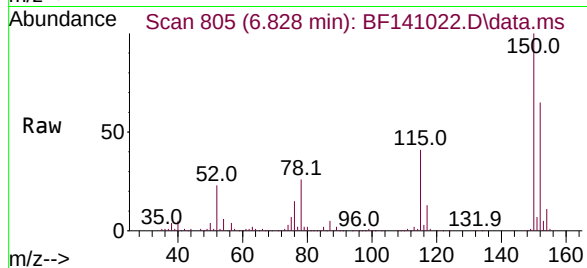
Quant Time: Dec 30 11:09:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration



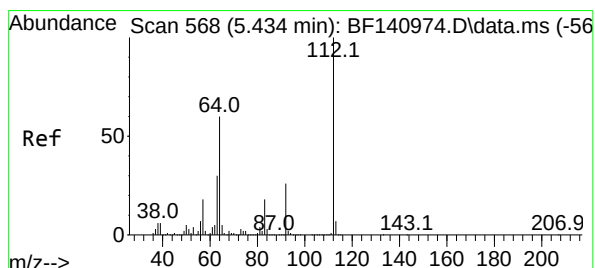
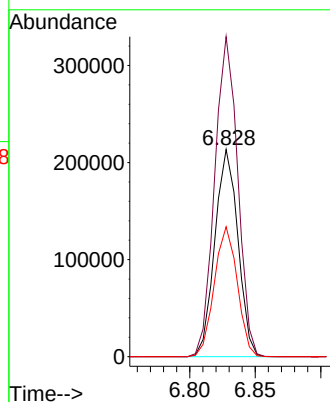
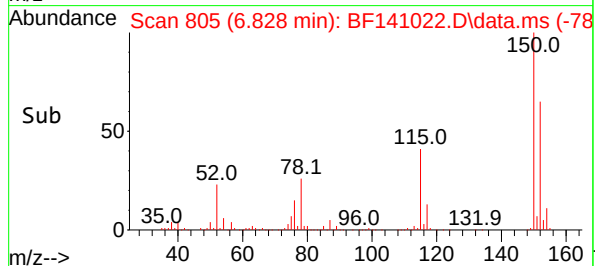


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

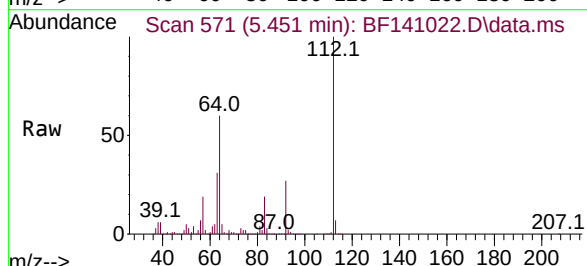
Instrument :
BNA_F
ClientSampleId :
PB165858TB



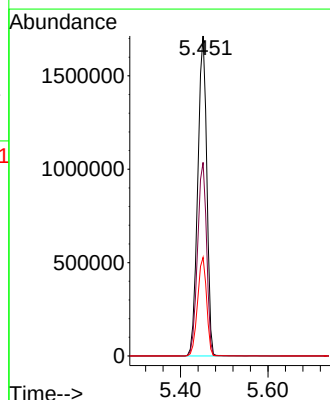
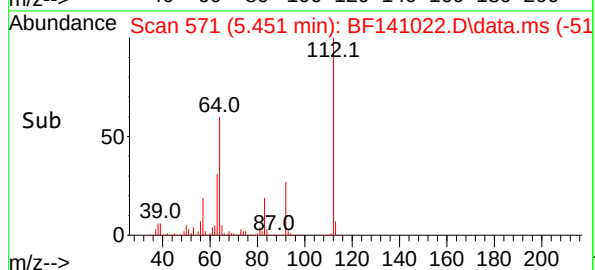
Tgt Ion:152 Resp: 261082
Ion Ratio Lower Upper
152 100
150 154.4 127.0 190.6
115 62.7 51.7 77.5

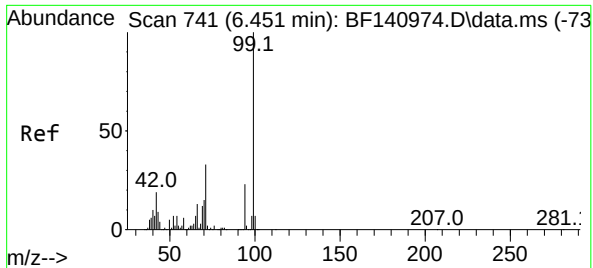


#5
2-Fluorophenol
Concen: 142.463 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43



Tgt Ion:112 Resp: 2467503
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.8 24.2 36.2

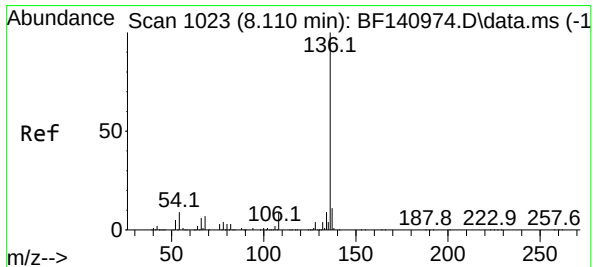
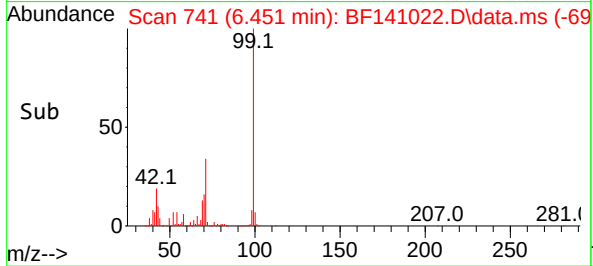
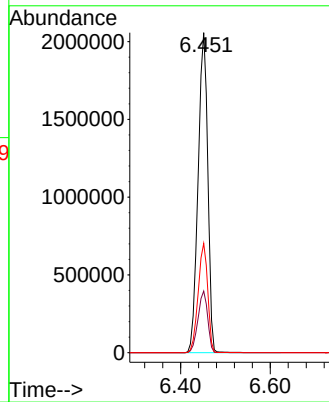
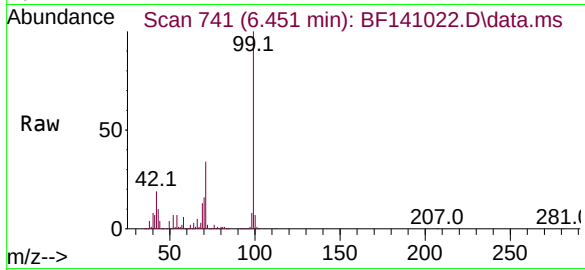




#7
Phenol-d6
Concen: 138.129 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

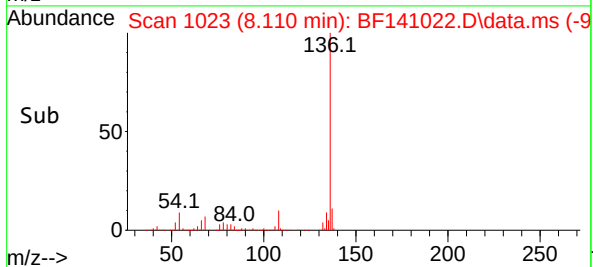
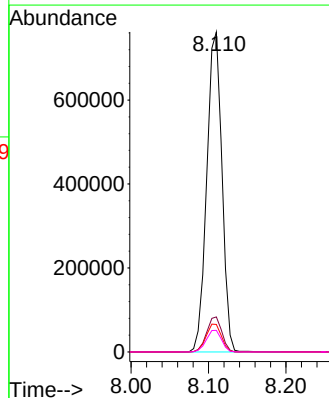
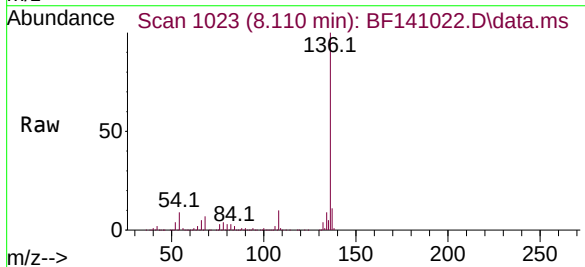
Instrument :
BNA_F
ClientSampleId :
PB165858TB

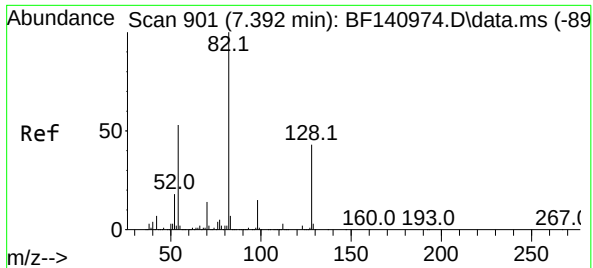
Tgt Ion: 99 Resp: 3081976
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 34.2 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion: 136 Resp: 1035808
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.6 7.6 11.4
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 118.155 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

Instrument :

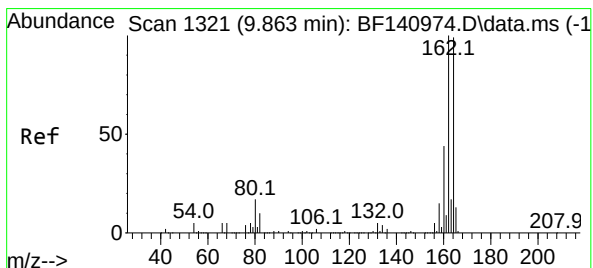
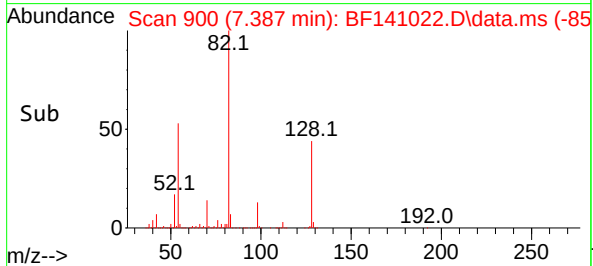
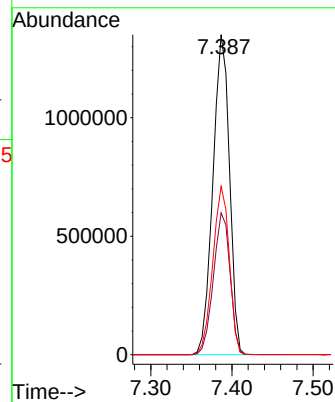
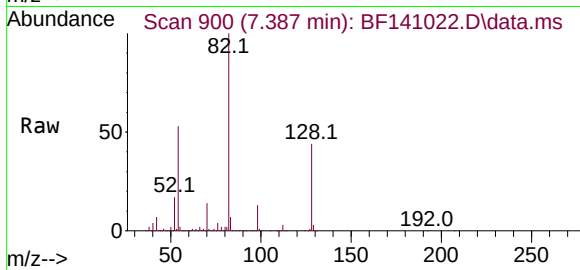
BNA_F

ClientSampleId :

PB165858TB

Tgt Ion: 82 Resp: 1912945

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.4	51.6
54	52.6	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

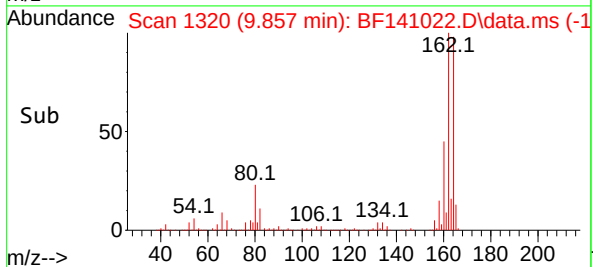
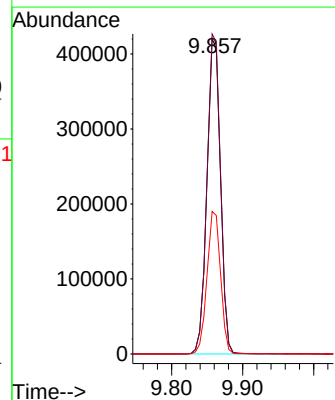
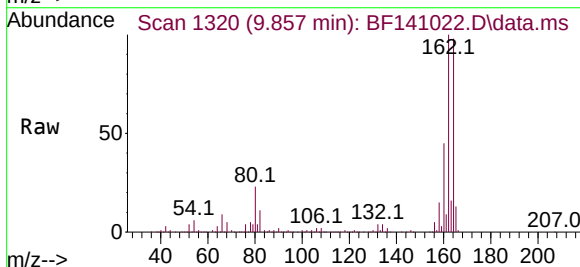
Delta R.T. -0.006 min

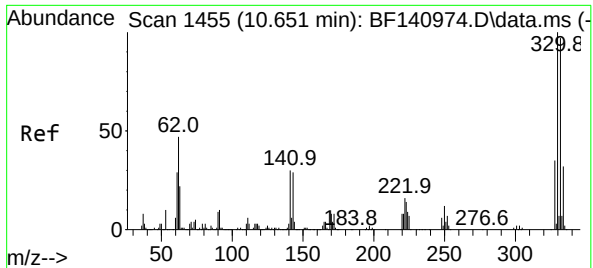
Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

Tgt Ion: 164 Resp: 557988

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	45.3	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 168.989 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165858TB

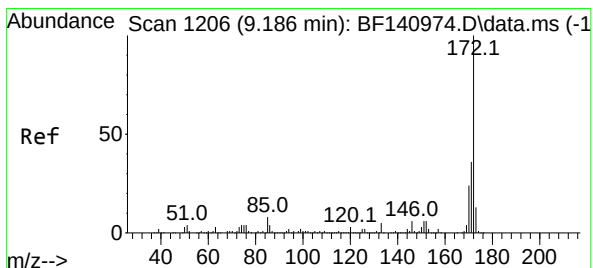
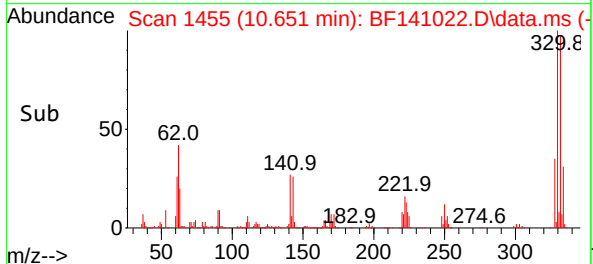
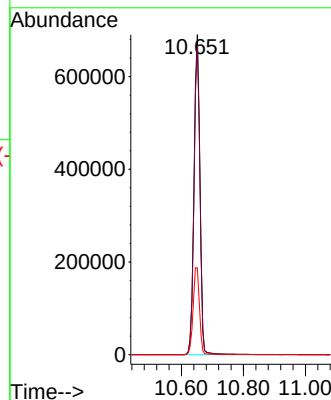
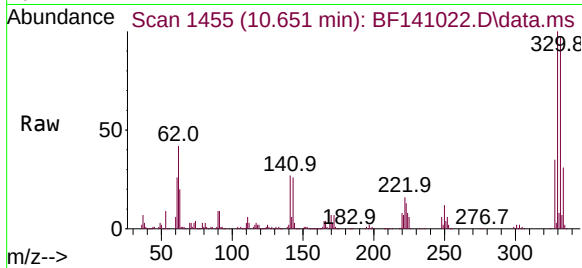
Tgt Ion:330 Resp: 916260

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 29.2 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 99.387 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

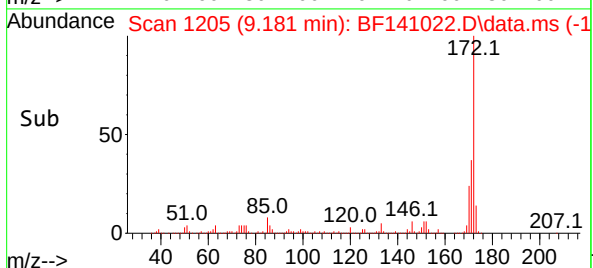
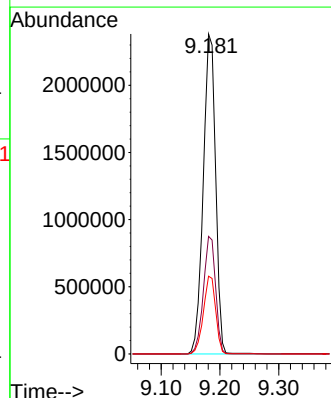
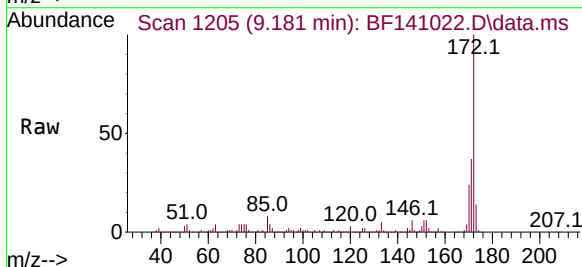
Tgt Ion:172 Resp: 3480771

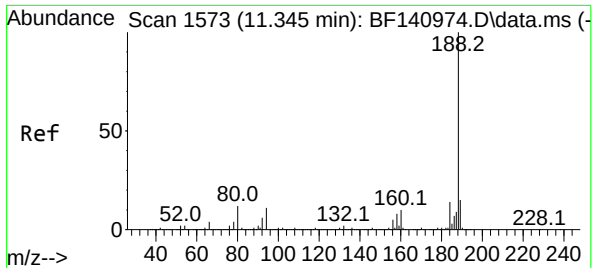
Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

170 24.3 19.6 29.4

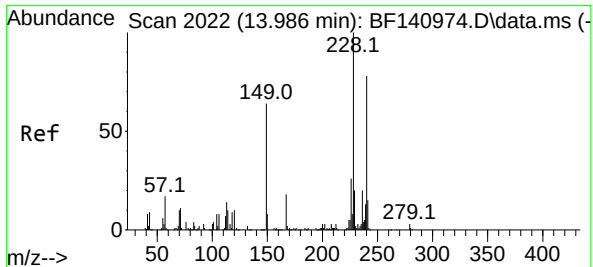
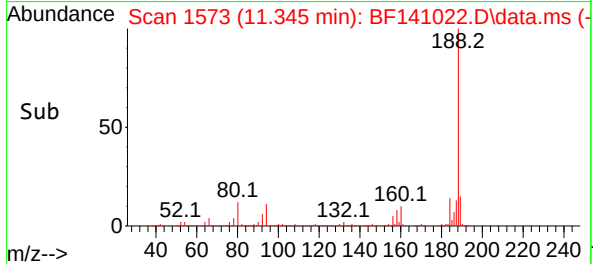
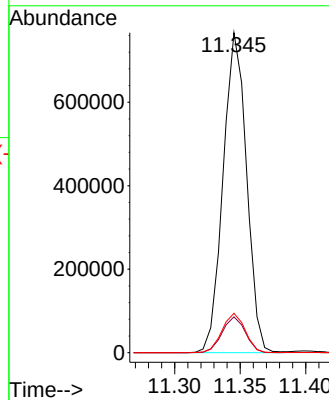
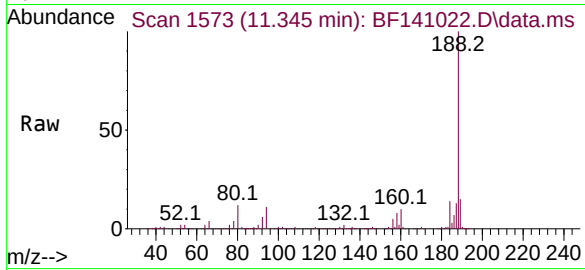




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

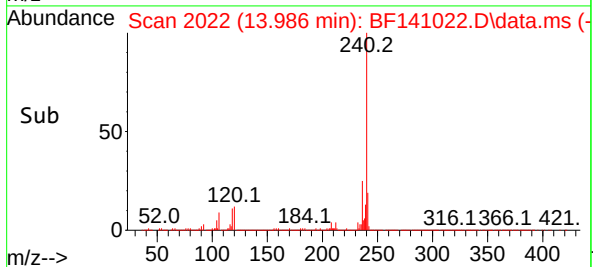
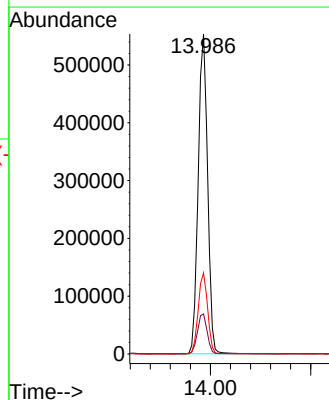
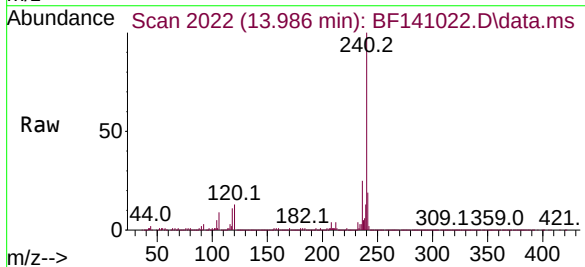
Instrument :
BNA_F
ClientSampleId :
PB165858TB

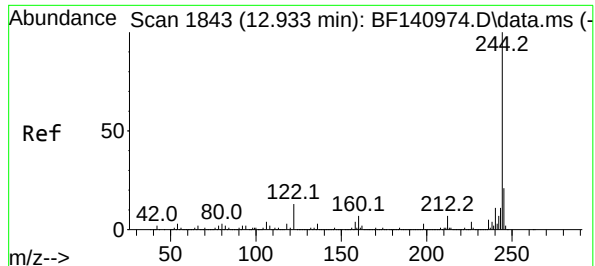
Tgt Ion:188 Resp: 953209
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion:240 Resp: 718934
Ion Ratio Lower Upper
240 100
120 12.5 10.7 16.1
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 94.112 ng

RT: 12.939 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165858TB

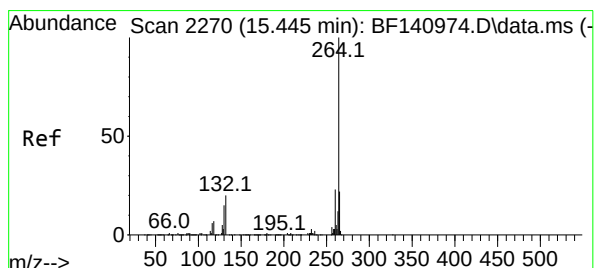
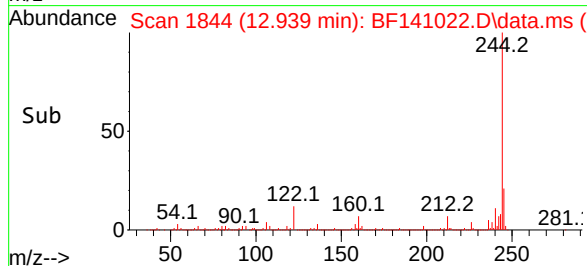
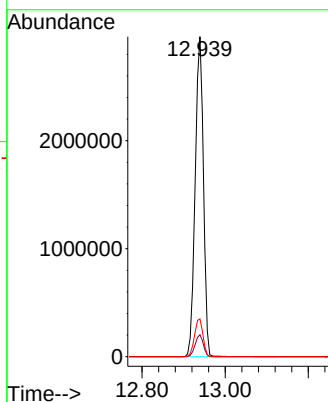
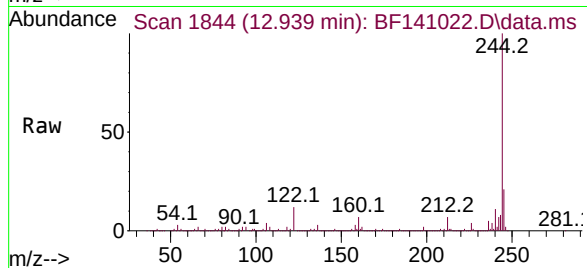
Tgt Ion:244 Resp: 4073487

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.8 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

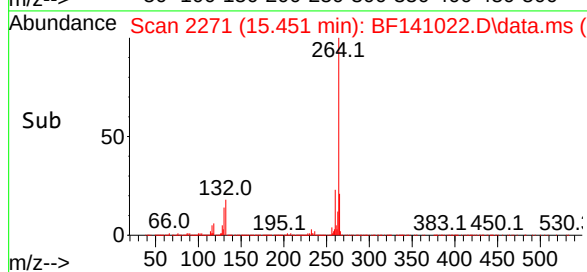
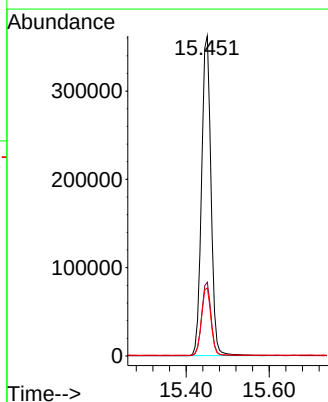
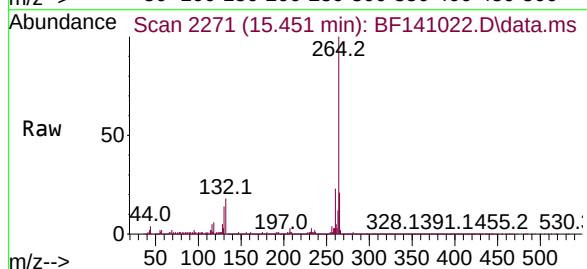
Tgt Ion:264 Resp: 570504

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.3 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: PARS02
 Lab Code: CHEM Case No.: P5362 SAS No.: P5362 SDG No.: P5362
 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
Pyridine		1.621	1.563	1.581	1.437	1.394	1.468	8.2
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
1,4-Dichlorobenzene		1.749	1.690	1.662	1.517	1.477	1.556	9.3
2-Methylphenol		1.250	1.208	1.226	1.151	1.125	1.162	5.8
3+4-Methylphenols		1.644	1.624	1.598	1.452	1.387	1.471	10.6
Nitrobenzene-d5		0.244	0.277	0.321	0.327	0.338	0.313	12.2
Hexachloroethane		0.587	0.573	0.584	0.544	0.538	0.553	5.3
Nitrobenzene		0.288	0.319	0.364	0.367	0.371	0.349	9.5
Hexachlorobutadiene		0.208	0.199	0.196	0.182	0.181	0.188	7.1
2,4,6-Trichlorophenol		0.354	0.356	0.398	0.364	0.356	0.366	4.6
2-Fluorobiphenyl		1.546	1.452	1.378	1.175	1.129	1.255	16.1
2,4,5-Trichlorophenol		0.371	0.389	0.377	0.380	0.386	0.375	3.2
2,4-Dinitrotoluene		0.136	0.187	0.265	0.310	0.326	0.273	30.1
2,4,6-Tribromophenol		0.177	0.189	0.203	0.196	0.198	0.194	4.6
Hexachlorobenzene		0.261	0.247	0.249	0.232	0.231	0.238	6.0
Pentachlorophenol		0.122	0.137	0.154	0.155	0.156	0.148	9.4
Terphenyl-d14		1.275	1.181	1.188	1.141	1.194	1.204	3.6

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

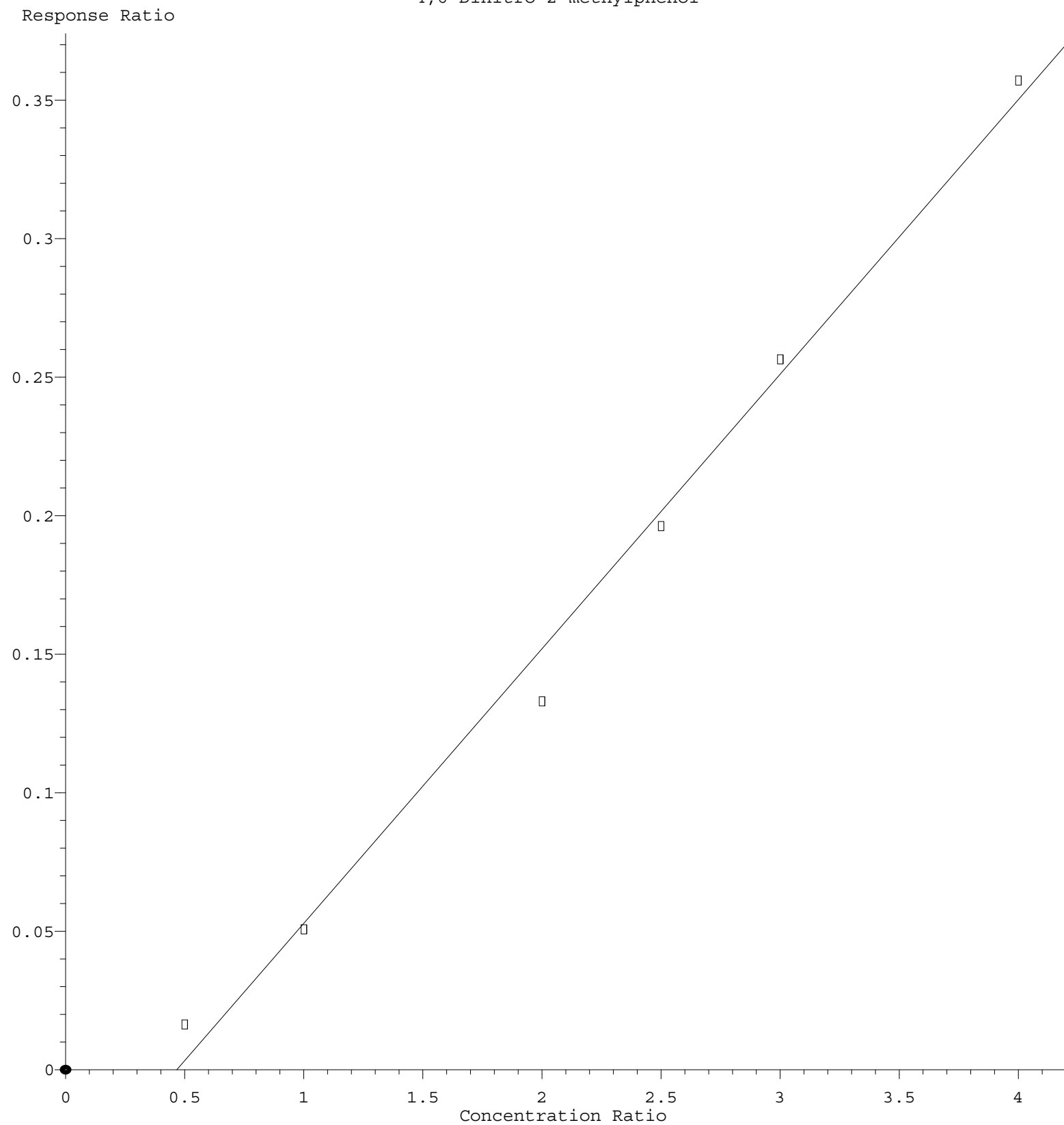
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.602	0.586	0.586	0.535	0.527	0.526	0.491	0.550	7.46	
41) P	Hexachlorocycl...	0.165	0.176	0.189	0.187	0.189	0.190	0.180	0.182	5.03	
42) S	2,4,6-Tribromo...	0.177	0.189	0.203	0.196	0.198	0.199	0.199	0.194	4.59	
43) C	2,4,6-Trichlor...	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

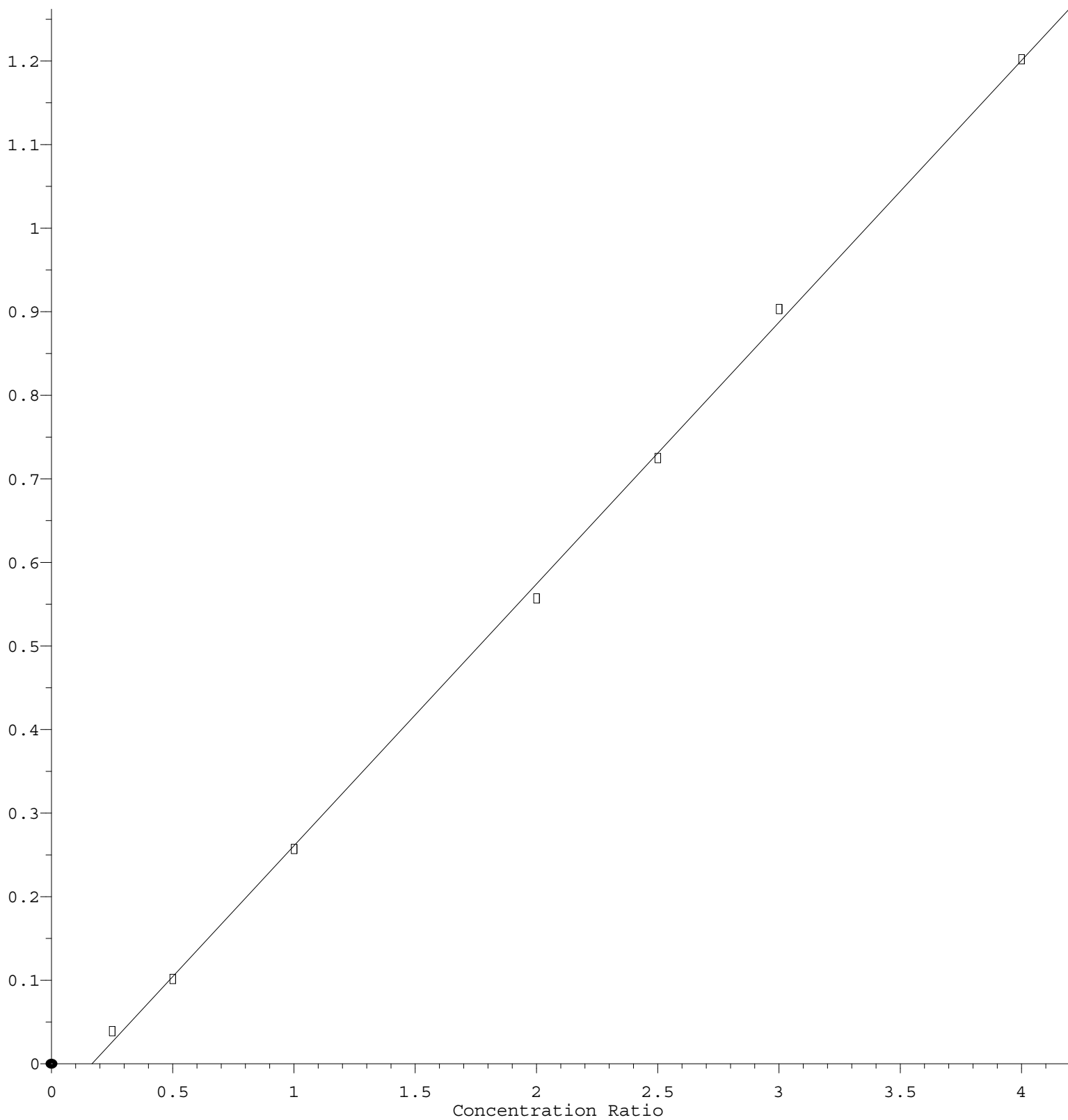
4,6-Dinitro-2-methylphenol



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



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

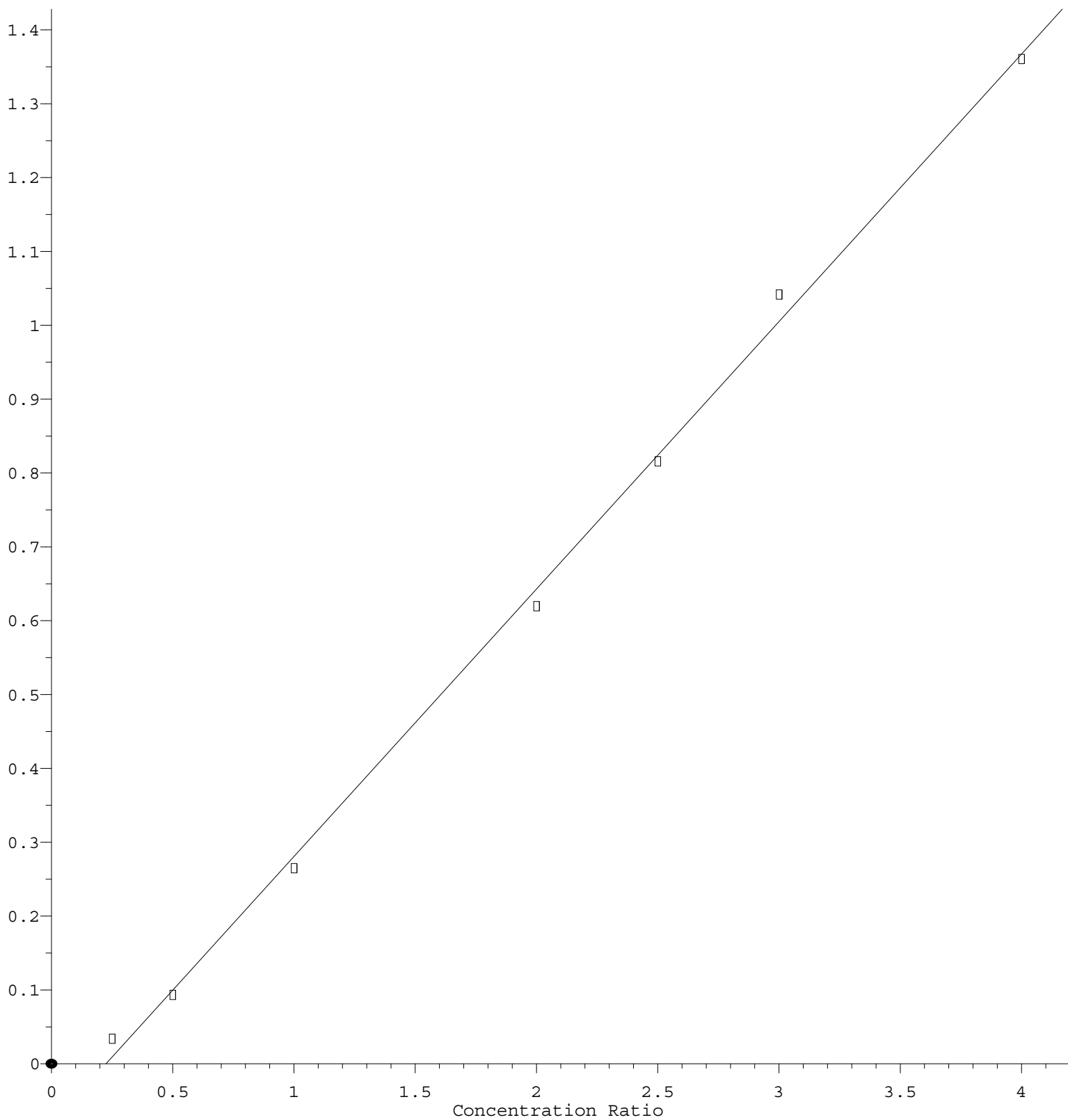
Coef of Det (r^2) = 0.999312 Curve Fit: Linear

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



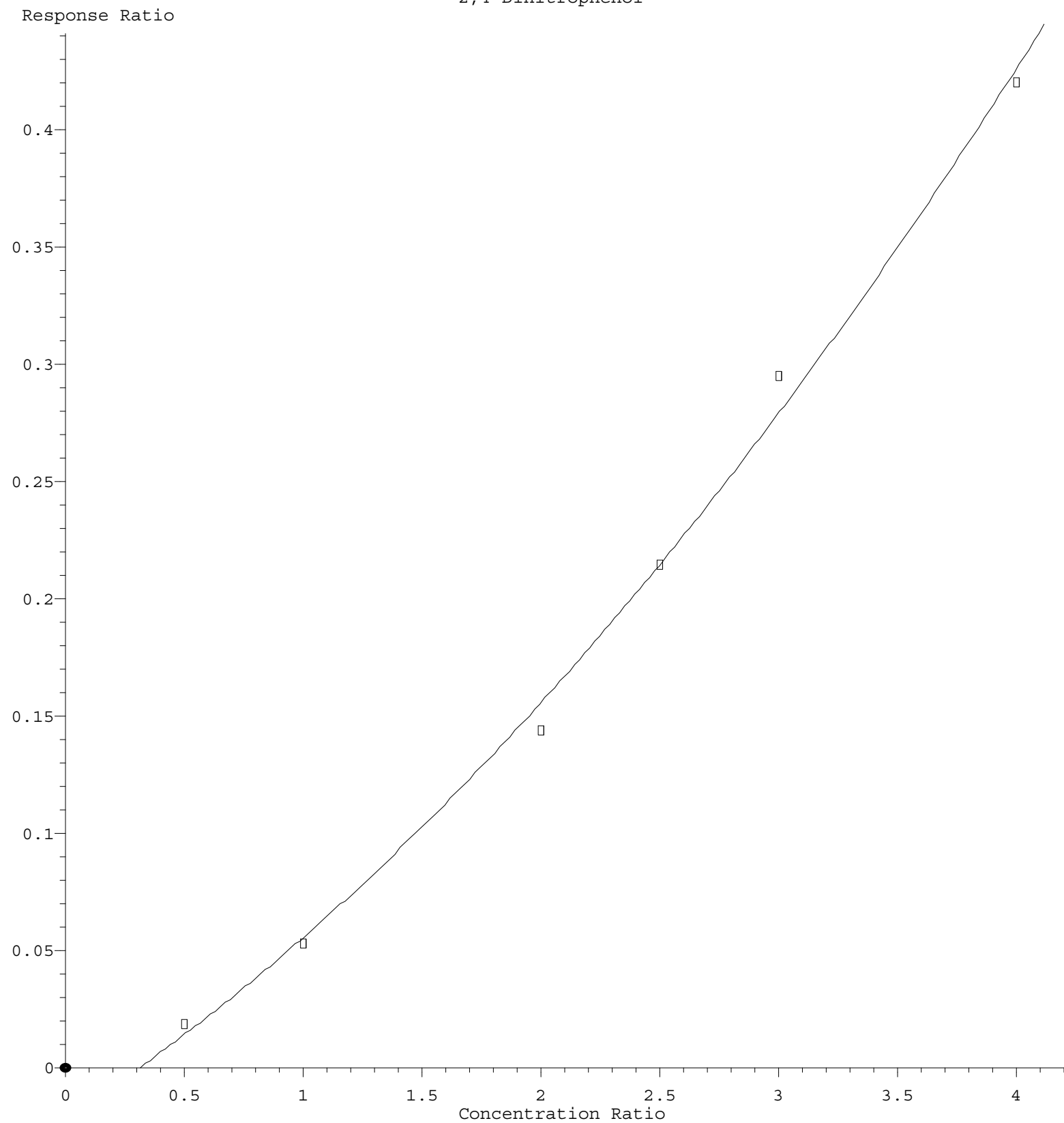
$$\text{Response} = 3.623\text{e-}001 * \text{Amt} - 8.150\text{e-}002$$

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

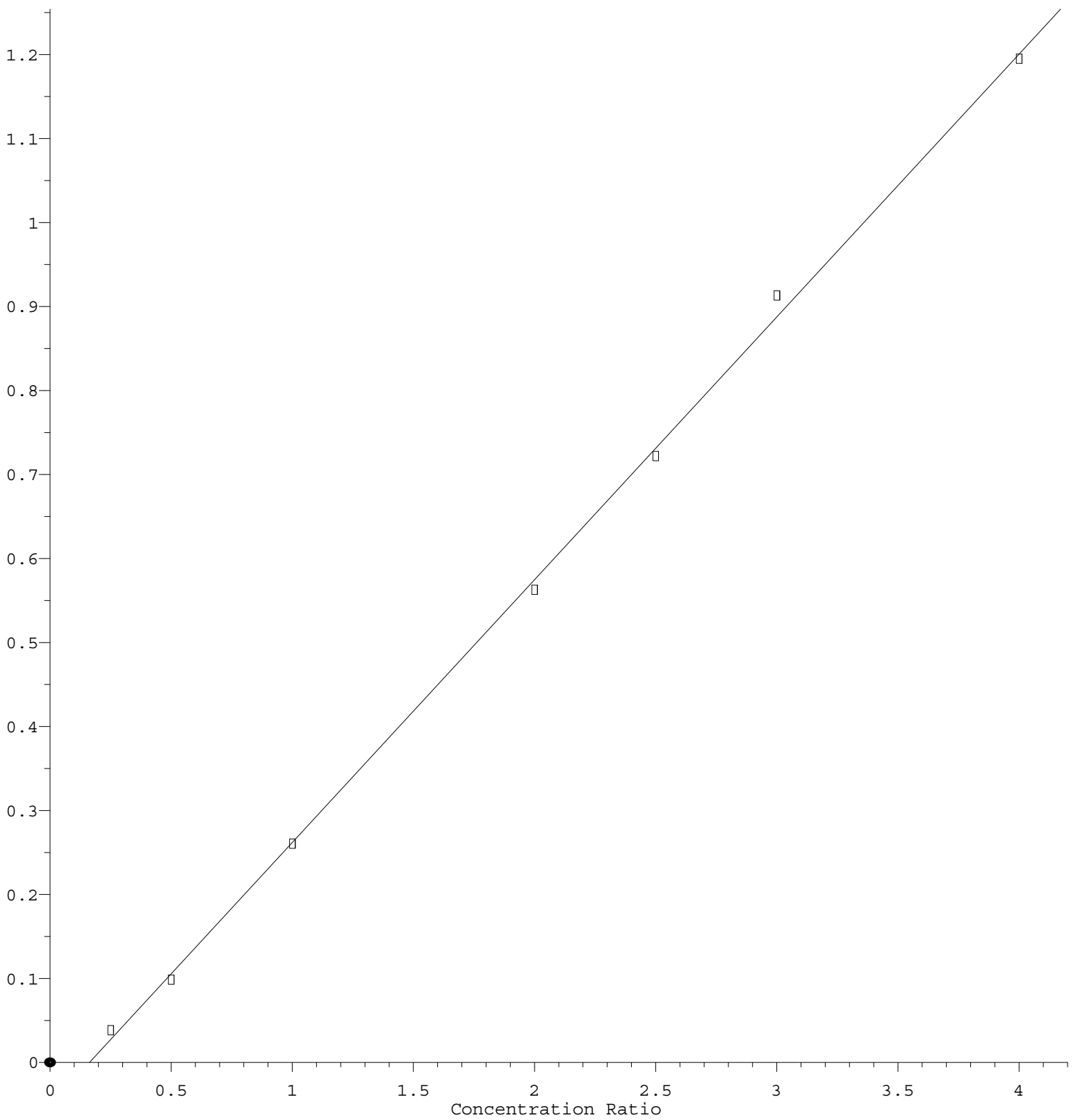
2,4-Dinitrophenol



$R = 1.166e-002 A^2 + 6.517e-002 A - 2.128e-002$
 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



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

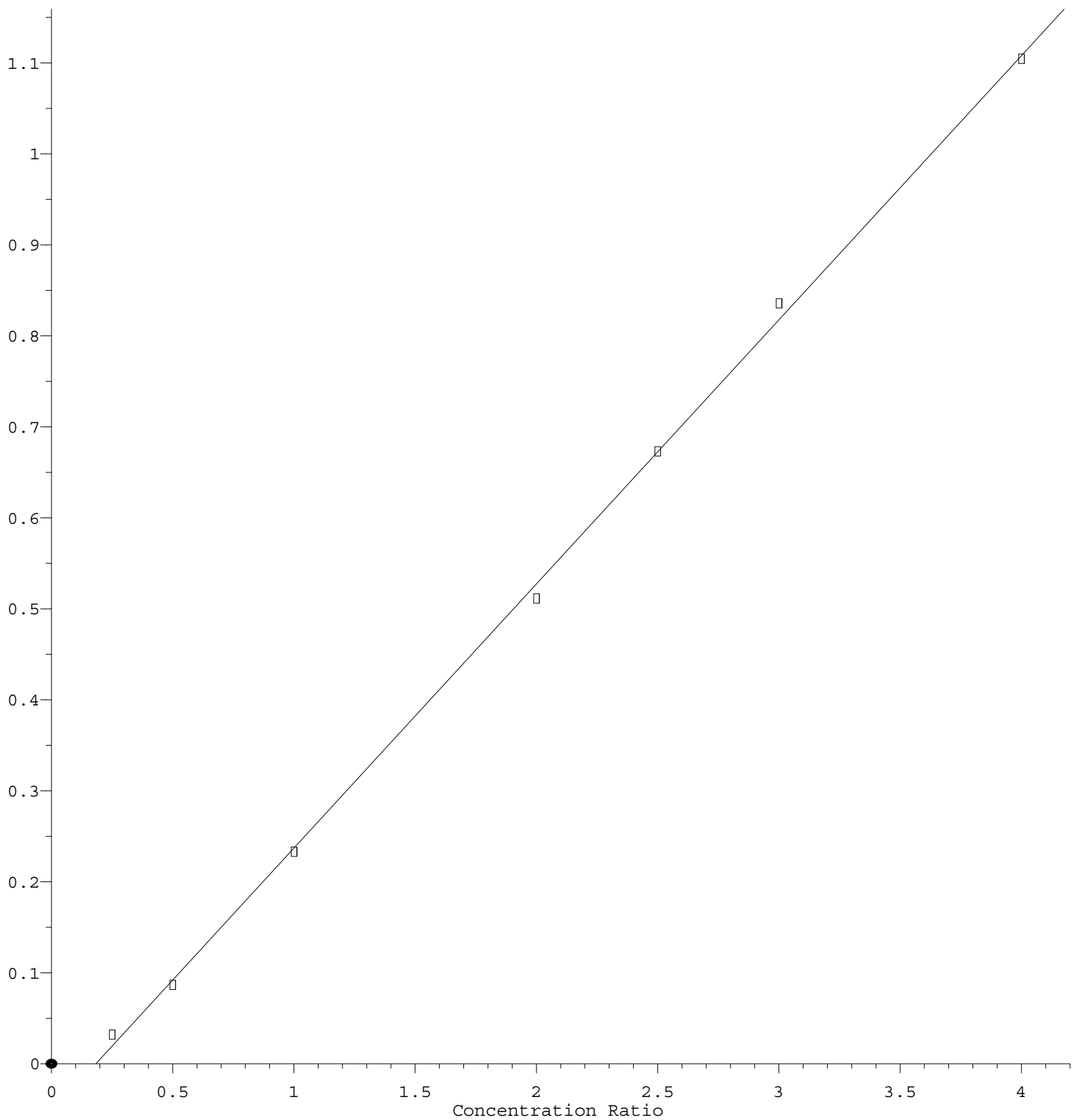
Coef of Det (r^2) = 0.999042 Curve Fit: Linear

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



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

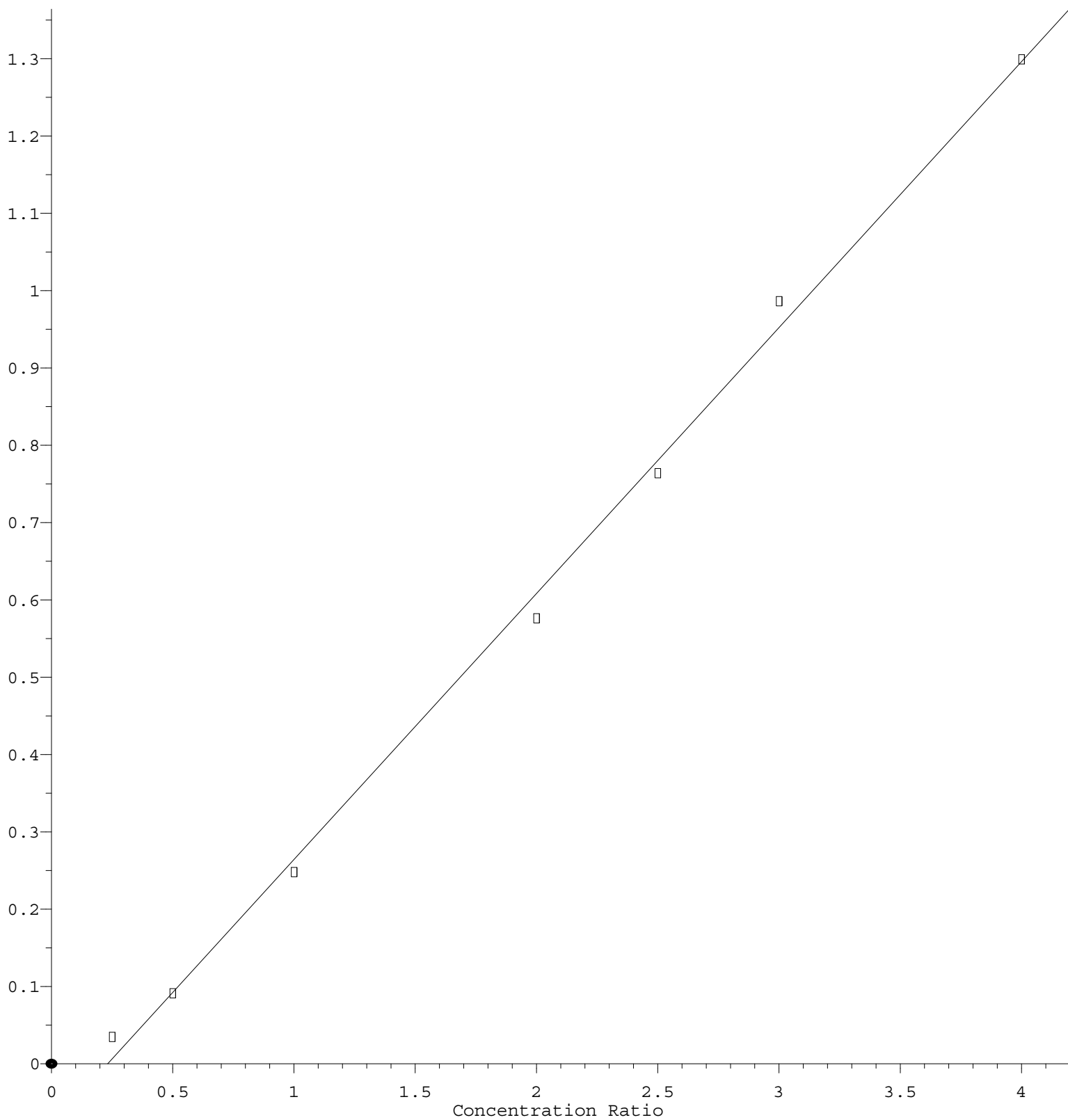
Coef of Det (r^2) = 0.999176 Curve Fit: Linear

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



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

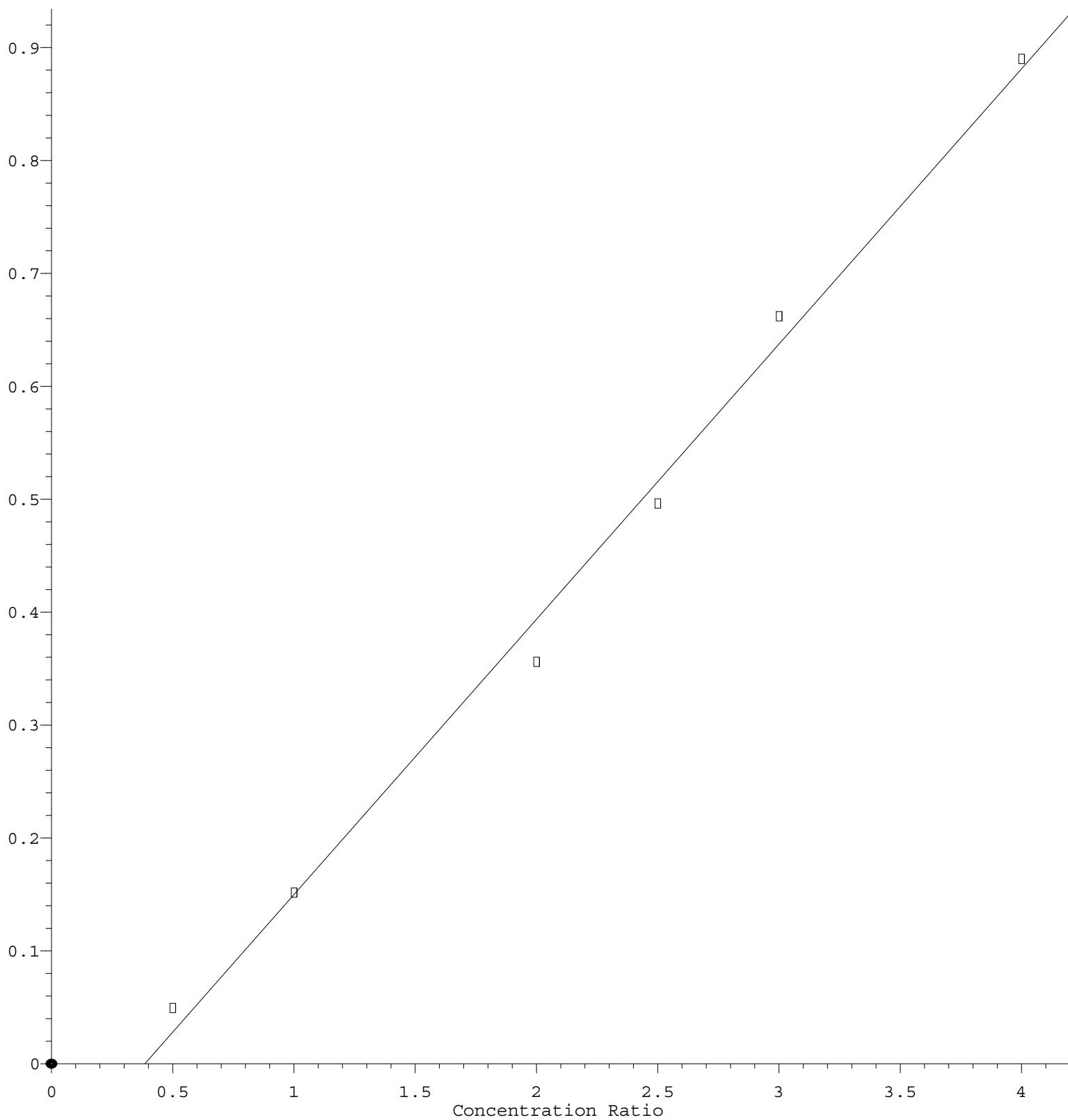
Coef of Det (r^2) = 0.997398 Curve Fit: Linear

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



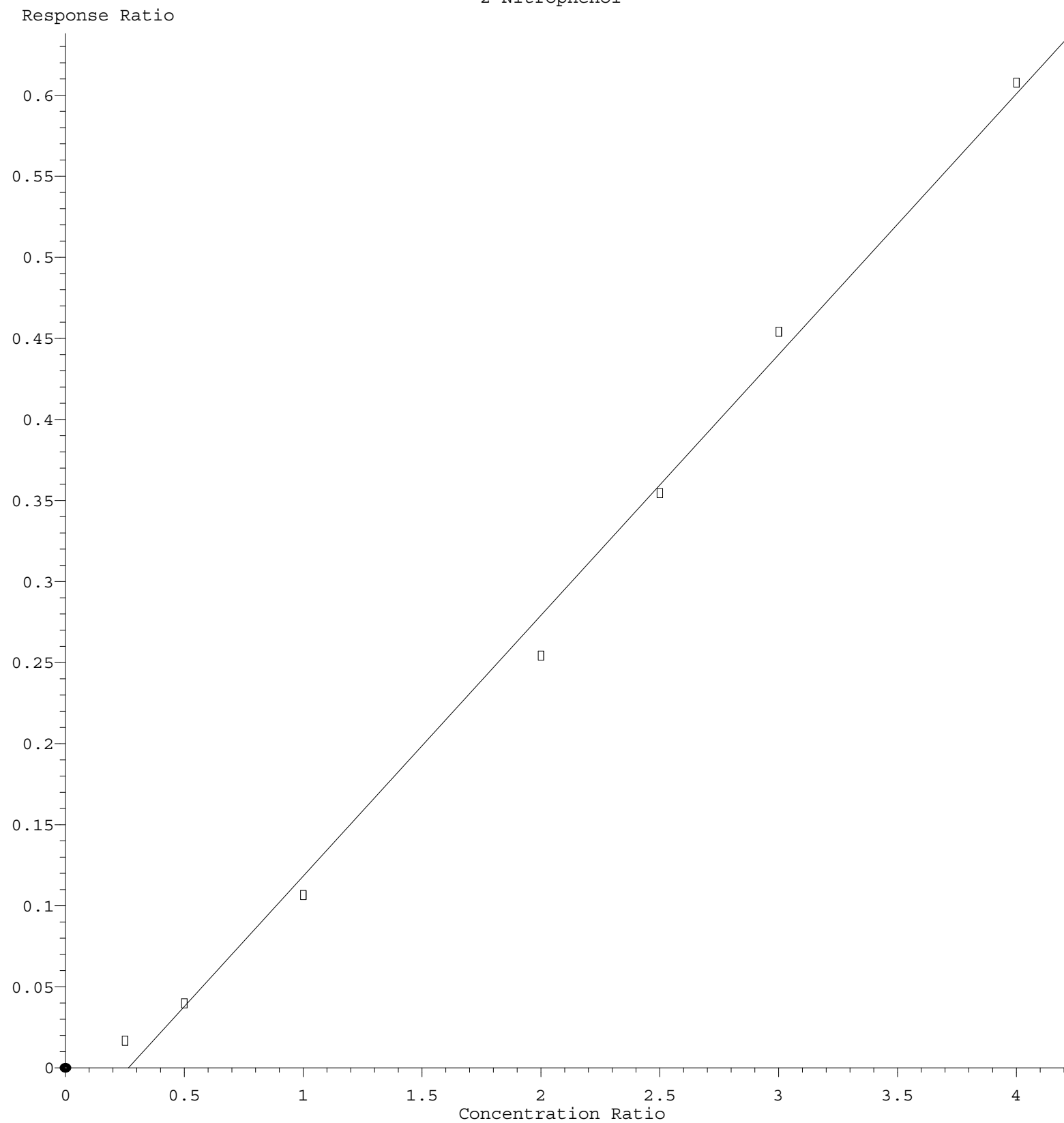
$$\text{Response} = 2.436\text{e-}001 * \text{Amt} - 9.371\text{e-}002$$

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

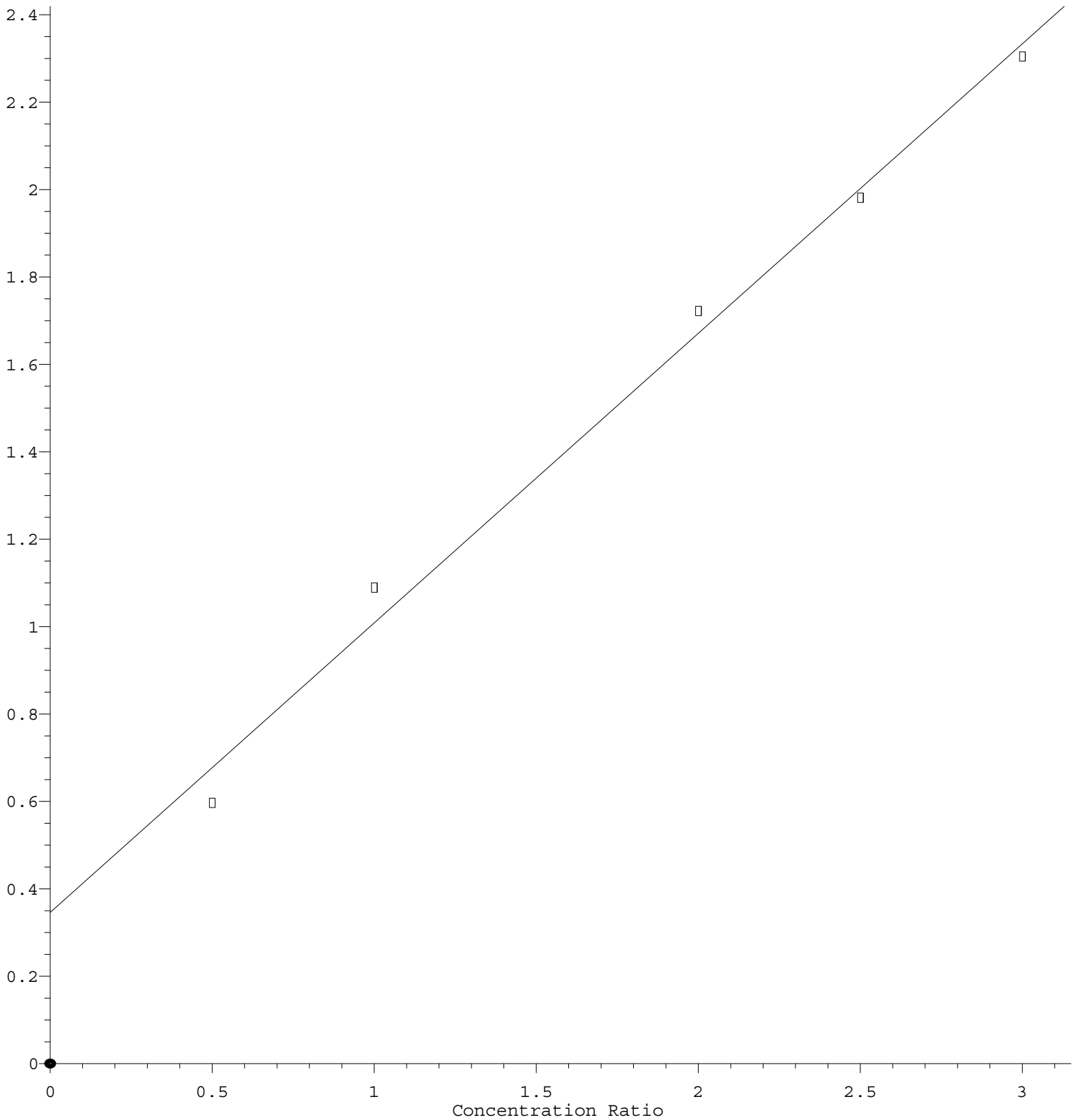
2-Nitrophenol



$\text{Response} = 1.609\text{e-}001 * \text{Amt} - 4.266\text{e-}002$
 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

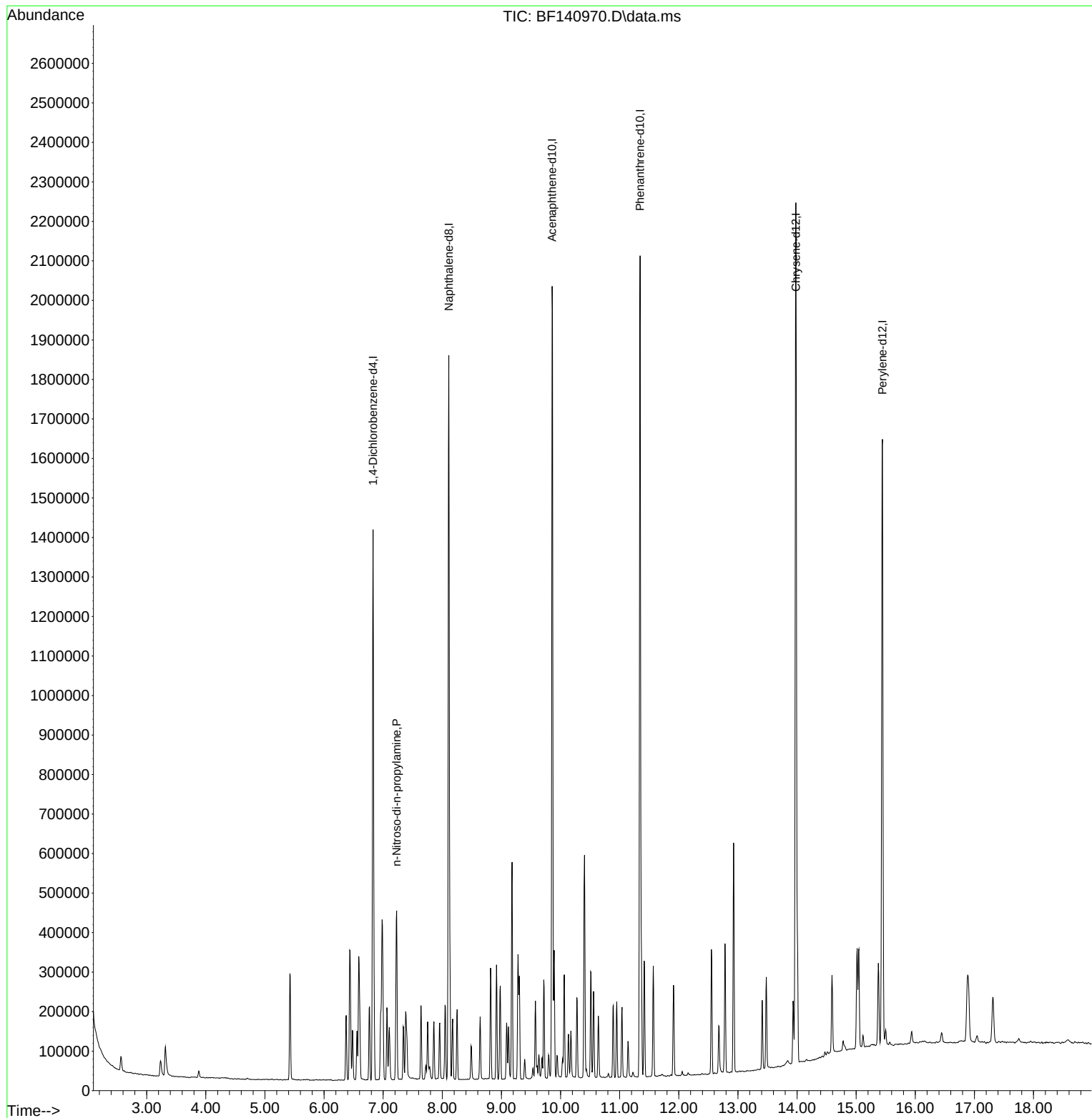
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	280508	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1109803	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	601920	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1050286	20.000	ng	0.00
76) Chrysene-d12	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						
19) n-Nitroso-di-n-propyla...	7.228	70	39726	2.934	ng	Qvalue 97

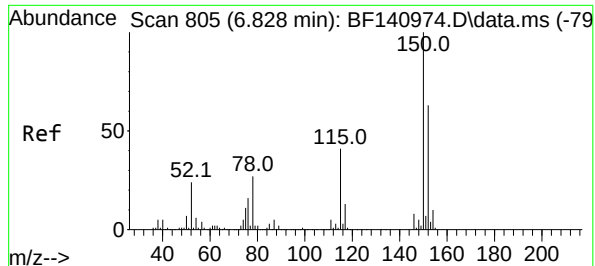
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

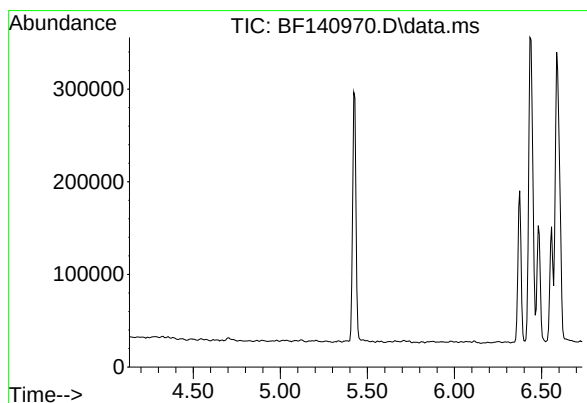
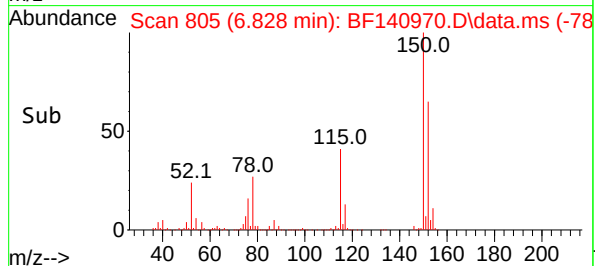
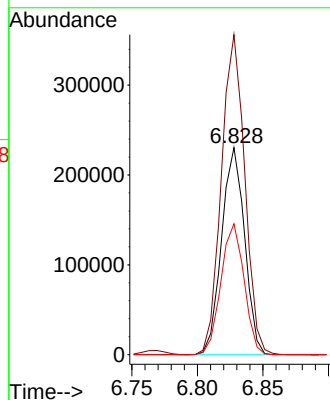
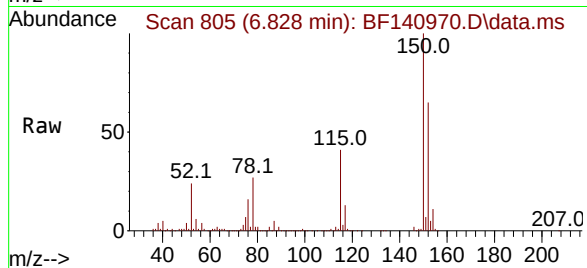
Tgt Ion:152 Resp: 280508

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

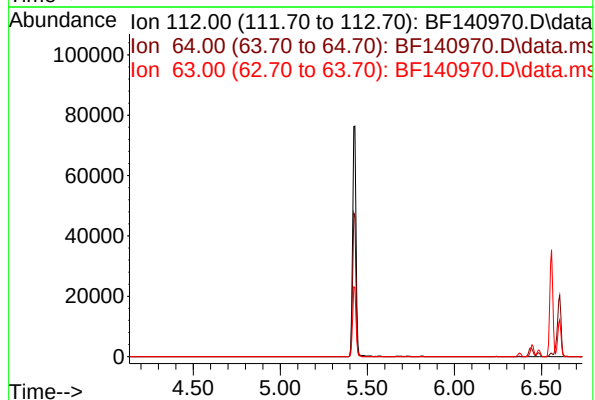
Tgt Ion: 112

Sig Exp Ratio

112 100

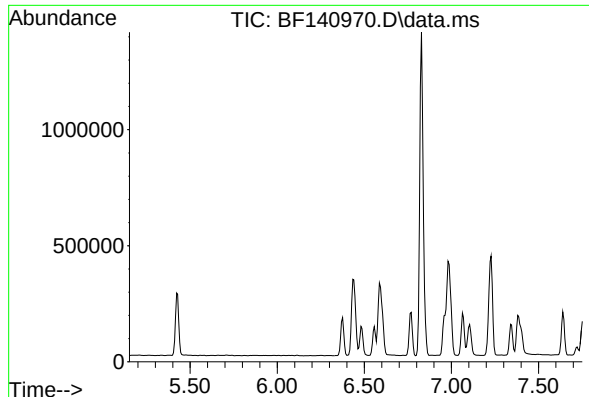
64 59.6

63 30.2



Ion 64.00 (63.70 to 64.70): BF140970.D\data.ms

Ion 63.00 (62.70 to 63.70): BF140970.D\data.ms



#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

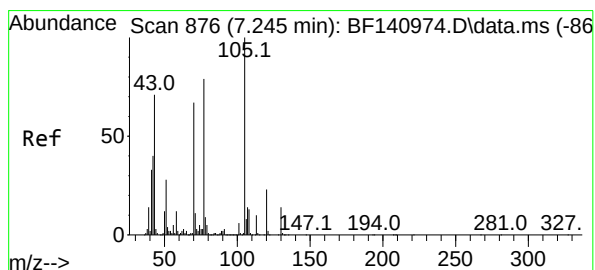
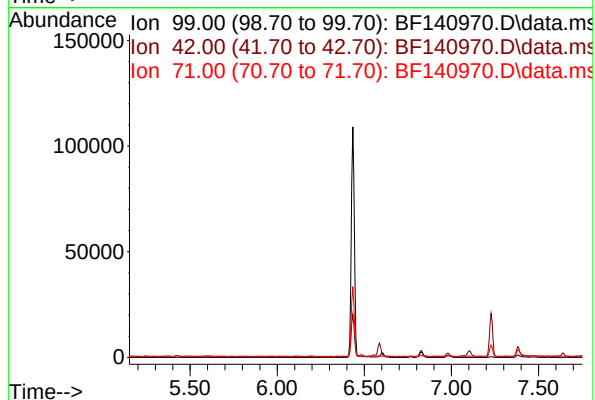
Tgt Ion: 99

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

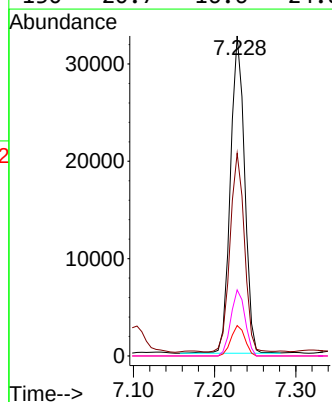
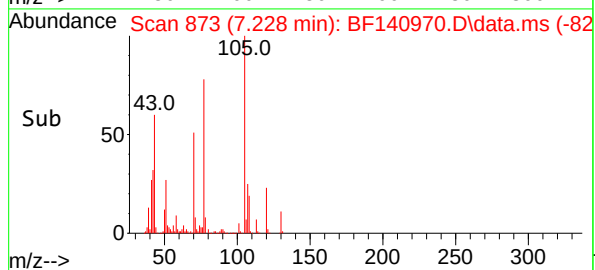
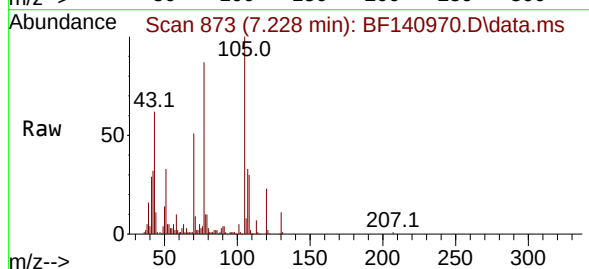
Ion Ratio Lower Upper

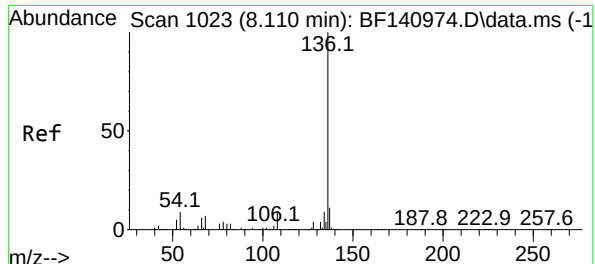
70 100

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

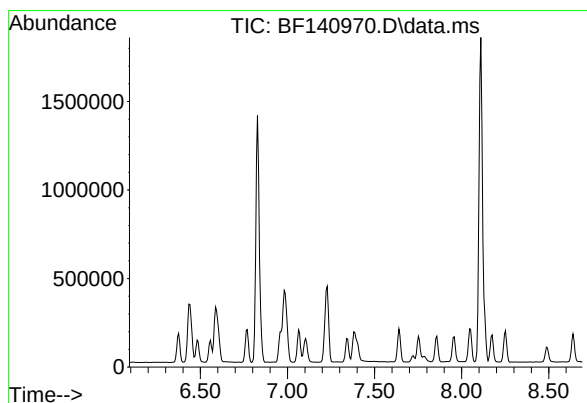
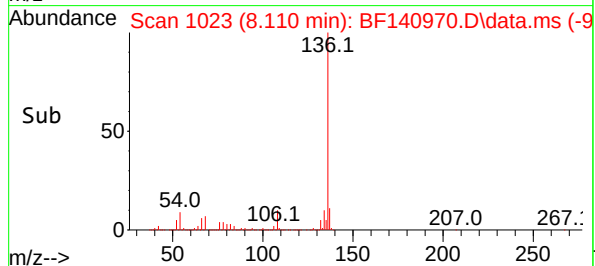
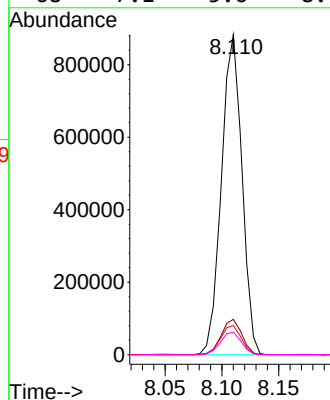
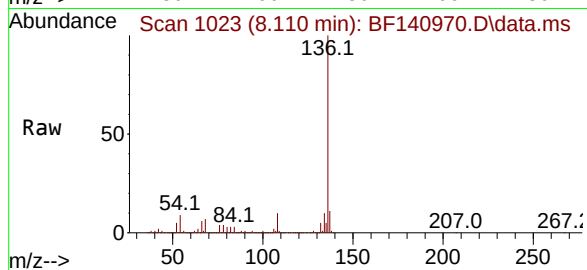
Ion Ratio Lower Upper

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

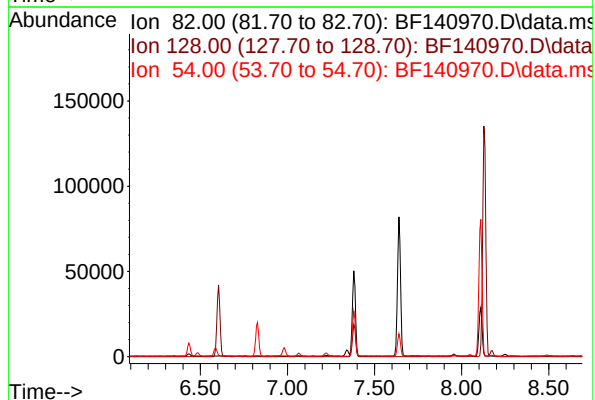
Tgt Ion: 82

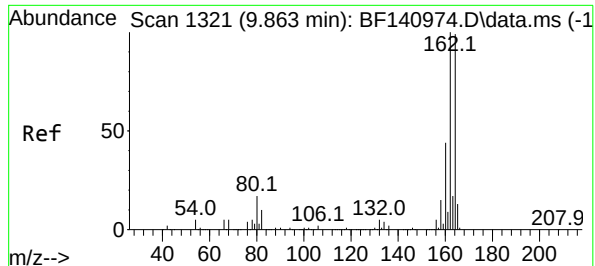
Sig Exp Ratio

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

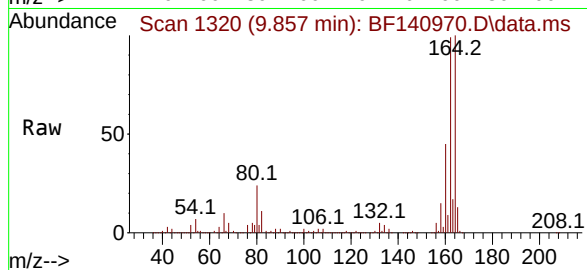
Acq: 26 Dec 2024 16:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



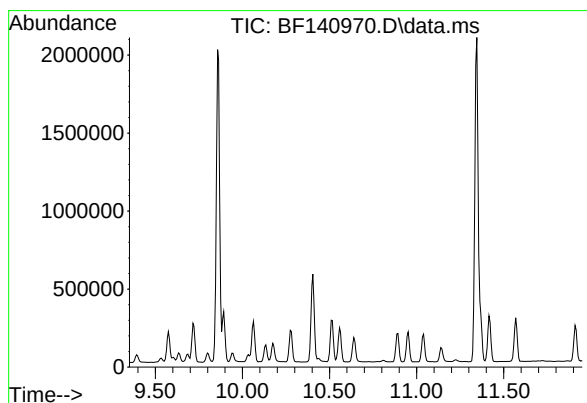
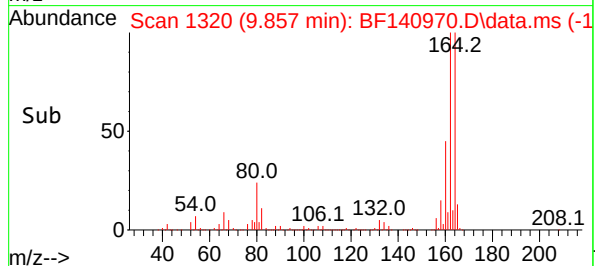
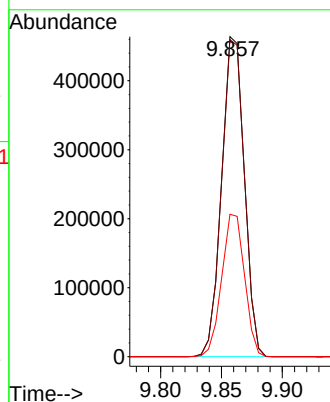
Tgt Ion:164 Resp: 601920

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

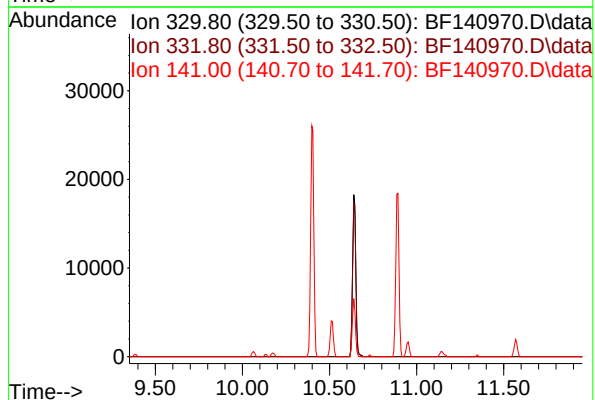
Tgt Ion: 330

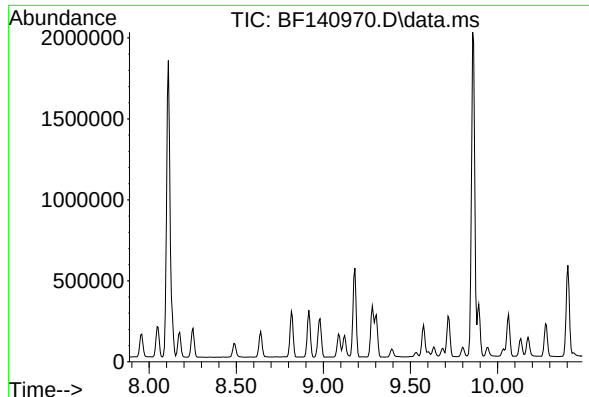
Sig Exp Ratio

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

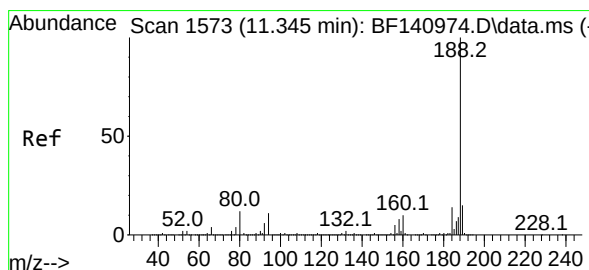
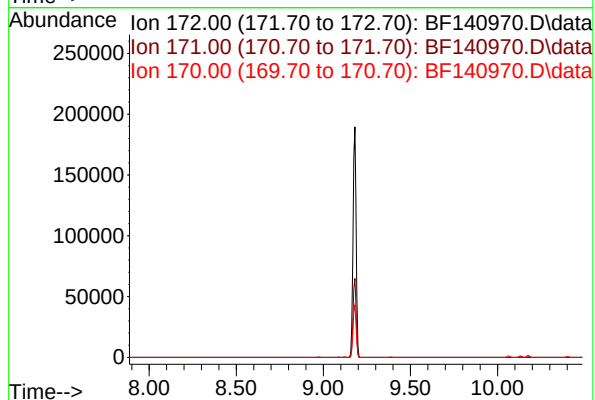
Tgt Ion: 172

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

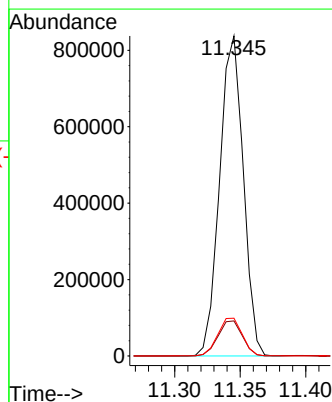
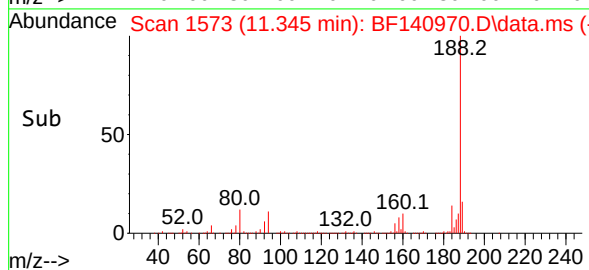
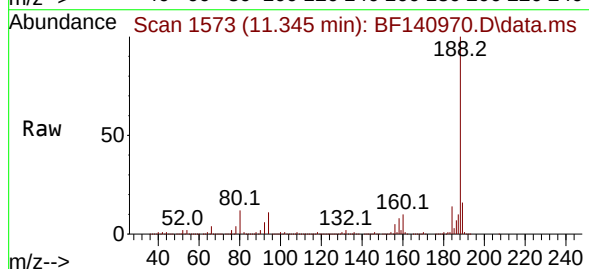
Tgt Ion:188 Resp: 1050286

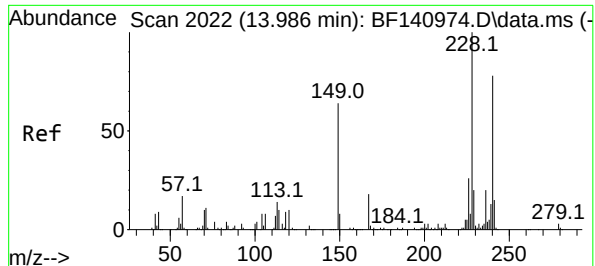
Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.6

80 11.8 9.8 14.6

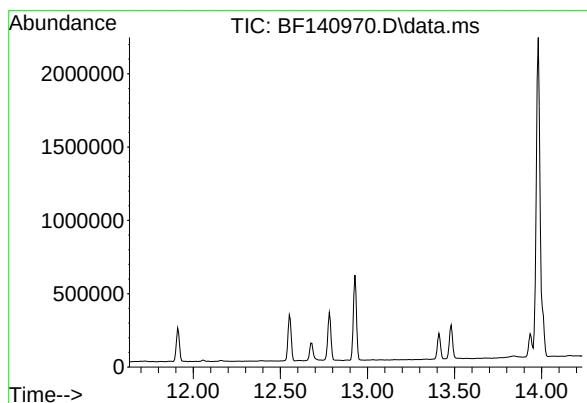
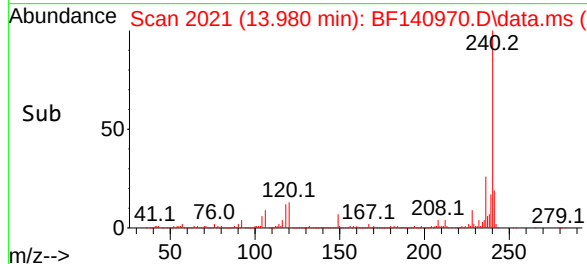
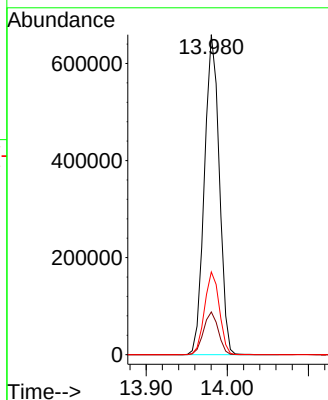
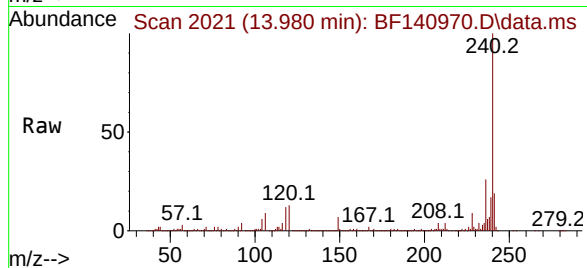




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140970.D
Acq: 26 Dec 2024 16:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

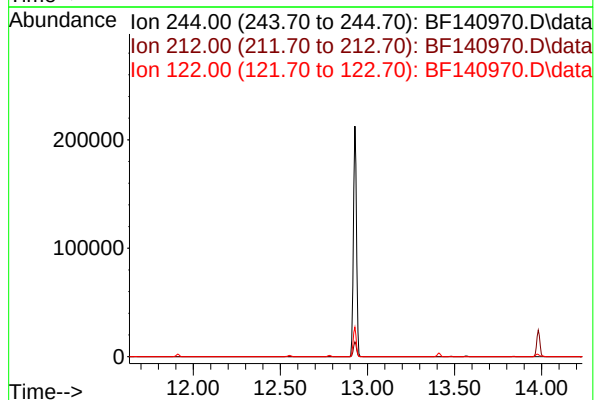
Tgt Ion:240 Resp: 837900
Ion Ratio Lower Upper
240 100
120 13.4 10.7 16.1
236 25.8 20.6 31.0



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

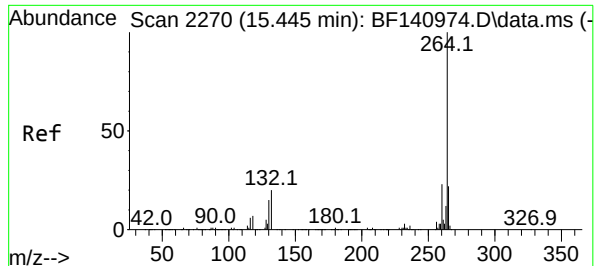
Lab File: BF140970.D
Acq: 26 Dec 2024 16:23

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

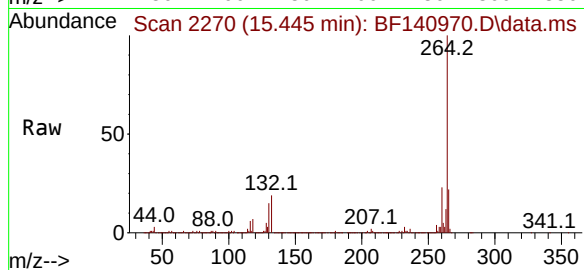
Acq: 26 Dec 2024 16:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



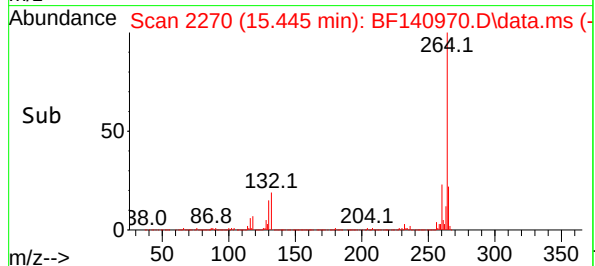
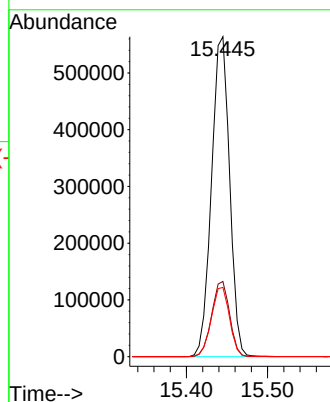
Tgt Ion:264 Resp: 873226

Ion	Ratio	Lower	Upper

264	100		

260	23.5	18.7	28.1

265	21.6	17.4	26.2



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

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 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

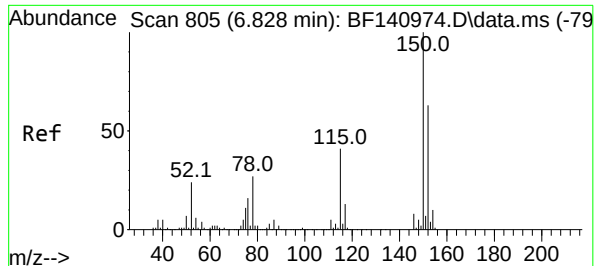
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 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

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

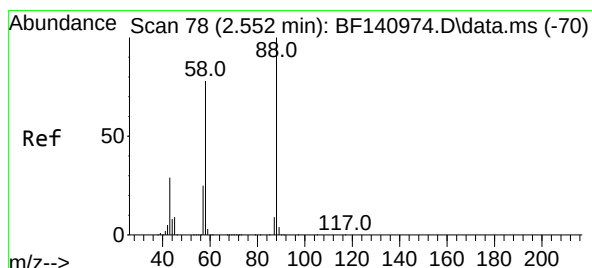
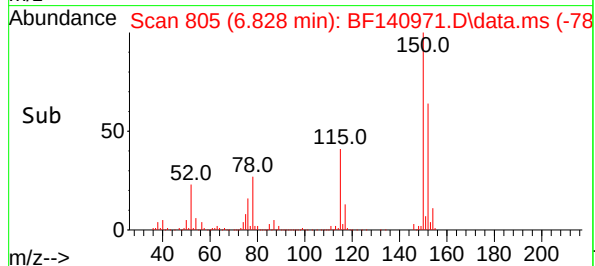
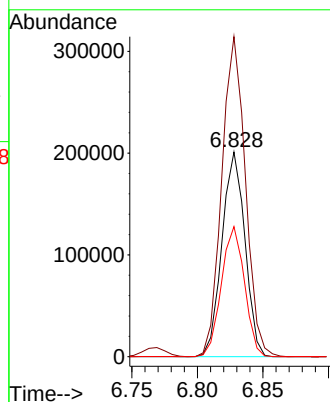
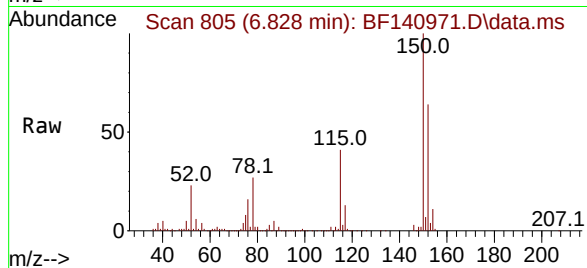
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

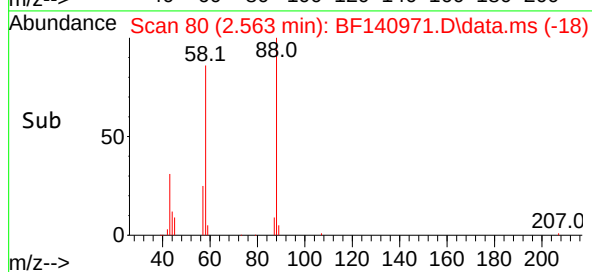
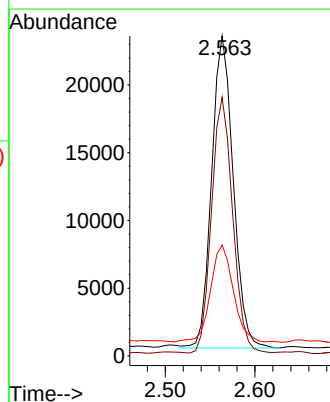
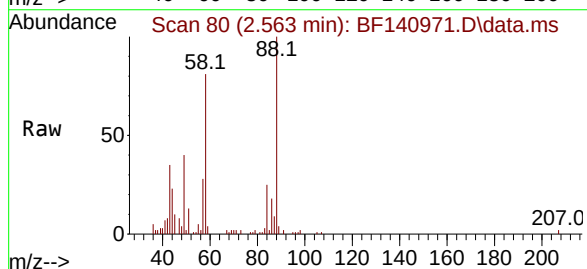
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BNA_F
ClientSampleId :
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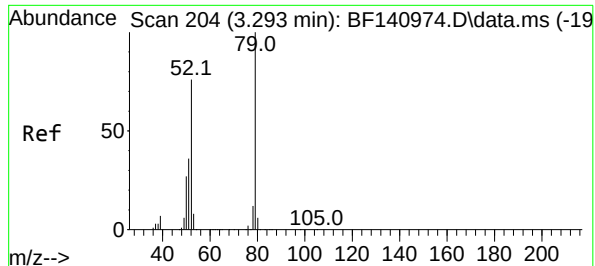
Tgt Ion:152 Resp: 244397
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 63.6 51.7 77.5



#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

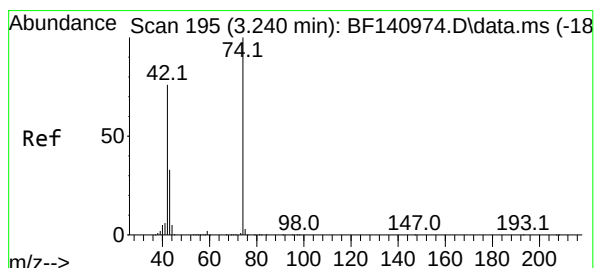
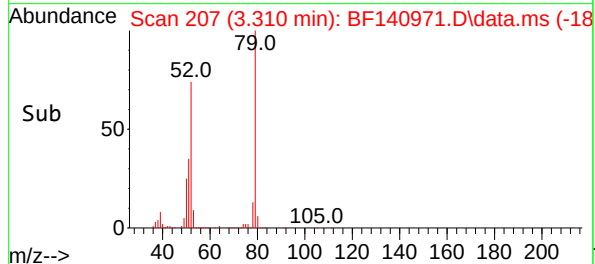
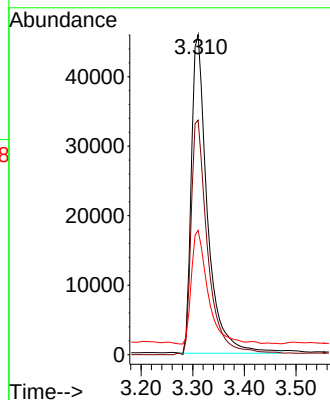
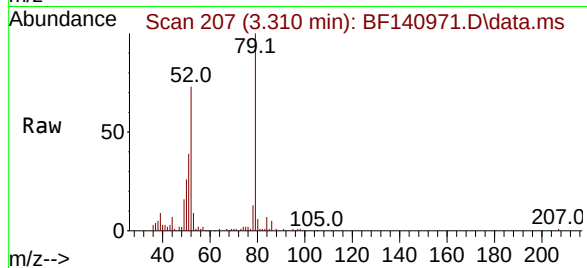
Tgt Ion: 79 Resp: 99046

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

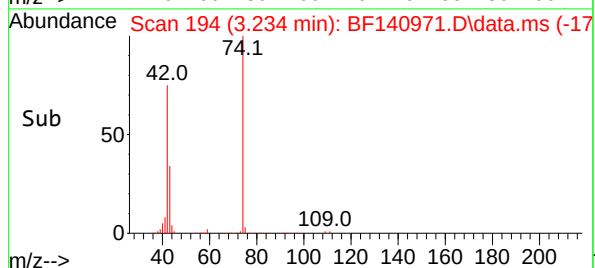
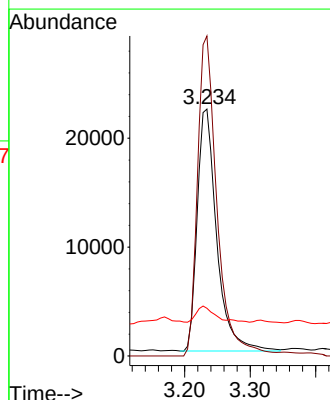
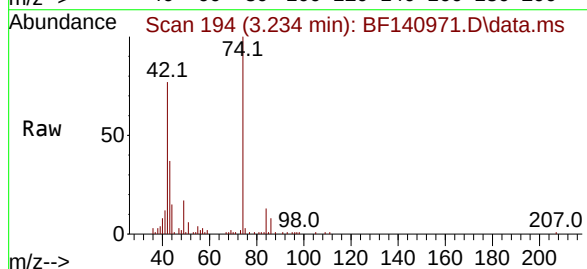
Tgt Ion: 42 Resp: 46147

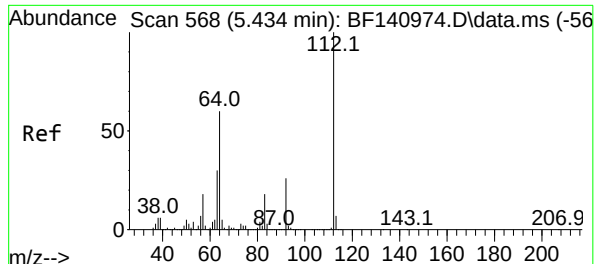
Ion Ratio Lower Upper

42 100

74 129.6 105.8 158.6

44 19.3 6.6 10.0#

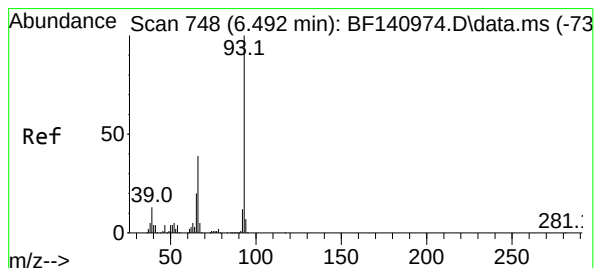
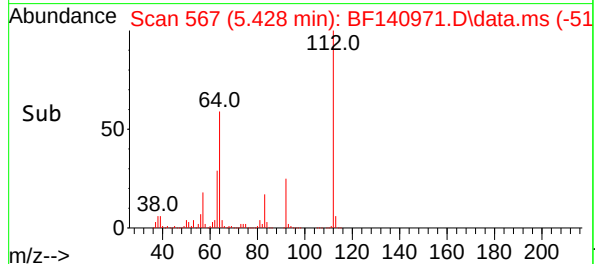
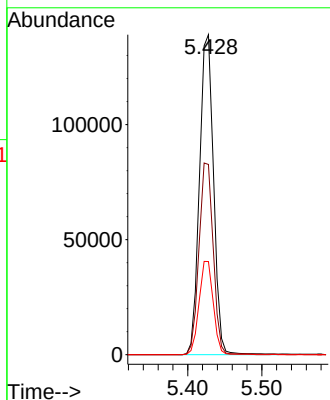
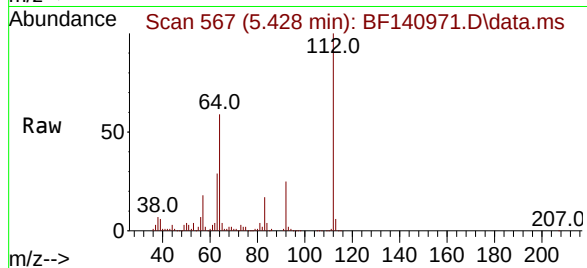




#5
2-Fluorophenol
Concen: 11.323 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

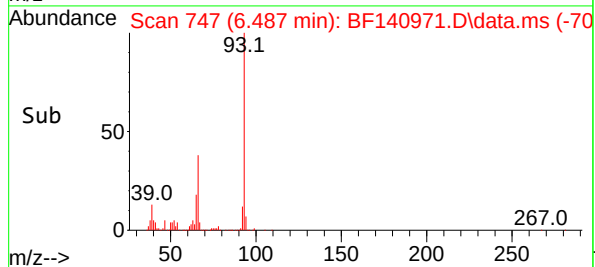
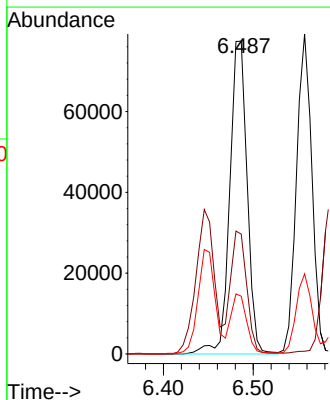
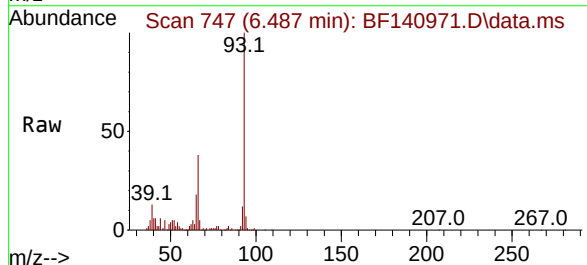
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

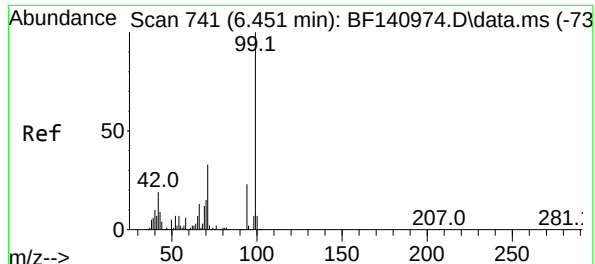
Tgt Ion:112 Resp: 183577
Ion Ratio Lower Upper
112 100
64 59.5 47.7 71.5
63 29.1 24.2 36.2



#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

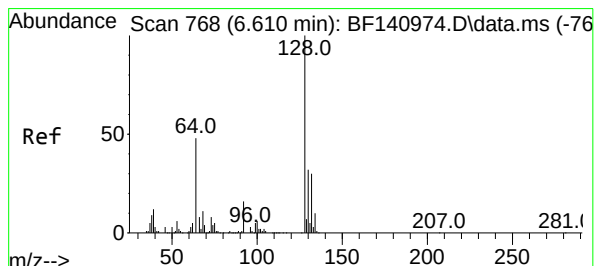
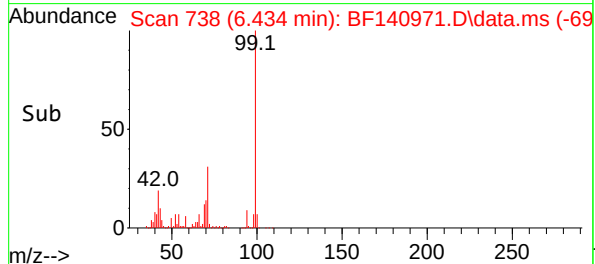
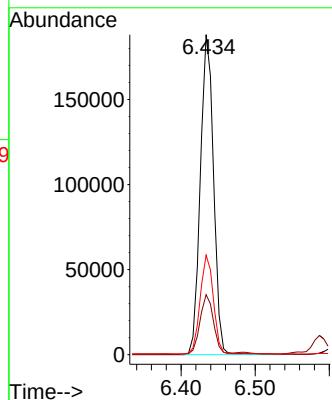
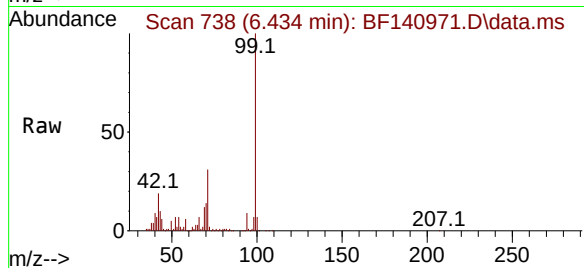




#7
Phenol-d6
Concen: 11.178 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

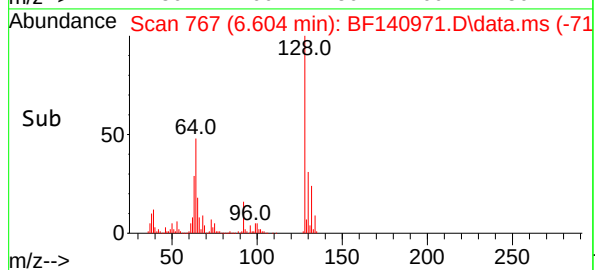
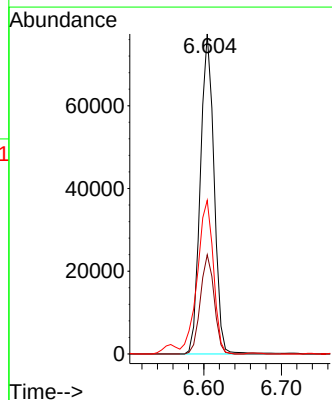
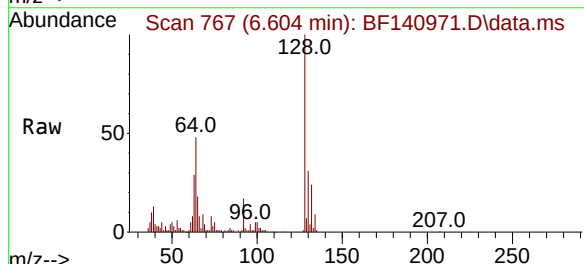
Instrument :
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ClientSampleId :
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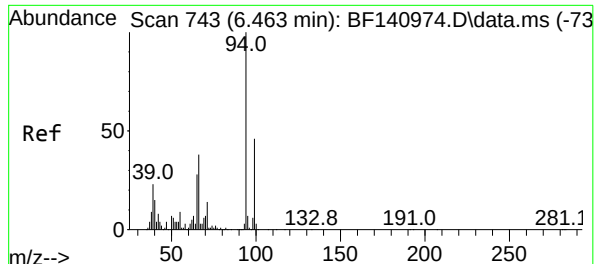
Tgt Ion: 99 Resp: 233457
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 31.1 26.2 39.2



#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

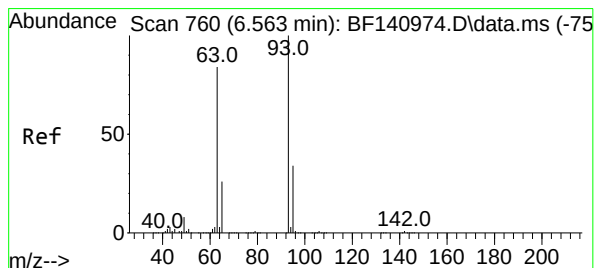
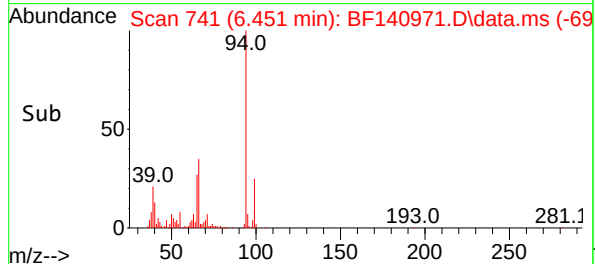
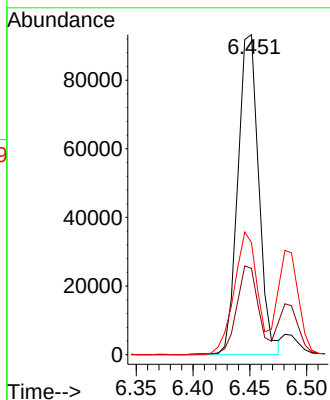
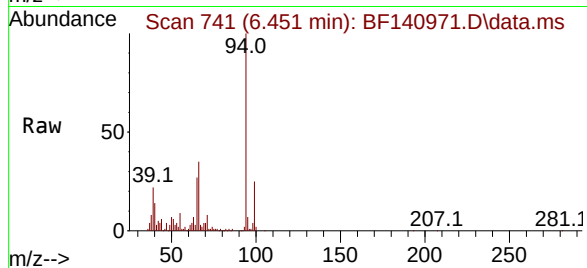




#10
Phenol
Concen: 5.534 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

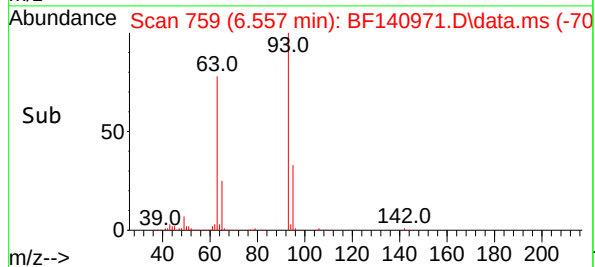
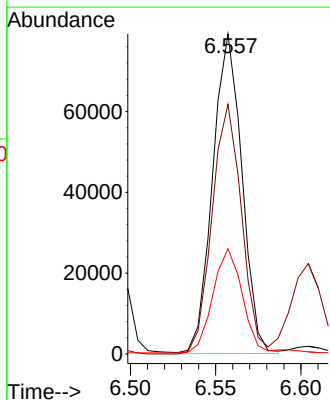
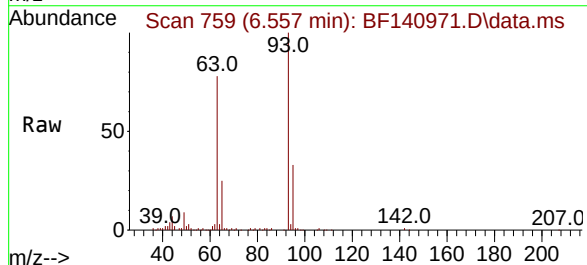
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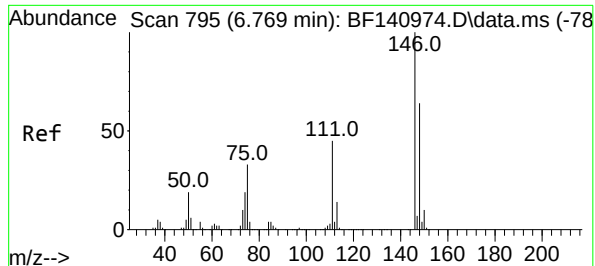
Tgt Ion: 94 Resp: 119516
Ion Ratio Lower Upper
94 100
65 27.0 8.1 48.1
66 35.0 18.7 58.7



#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

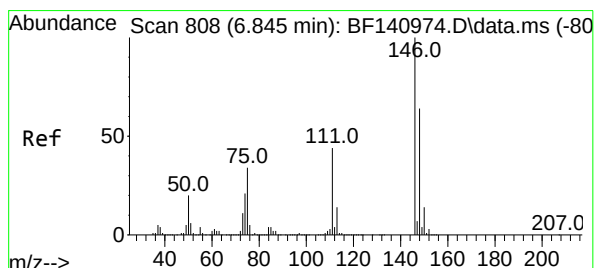
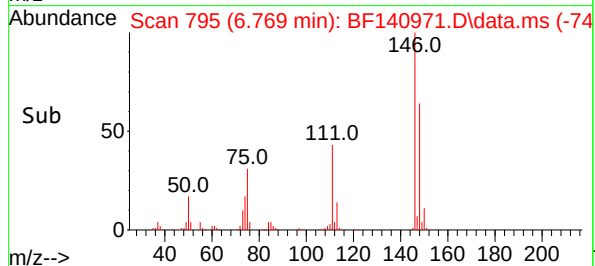
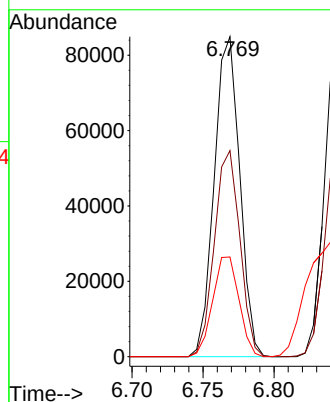
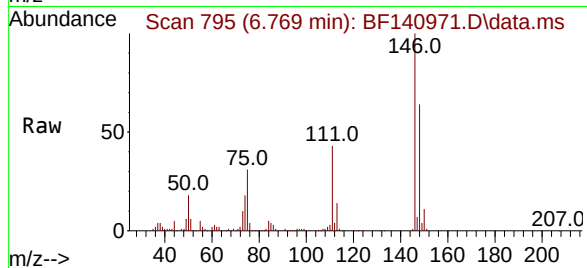
Tgt Ion:146 Resp: 106038

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

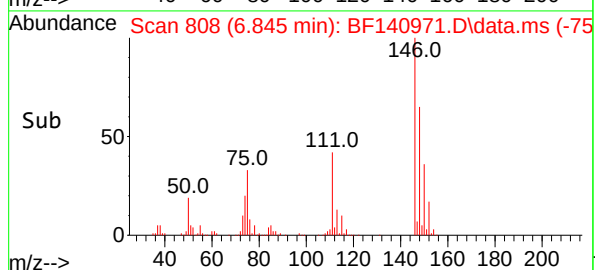
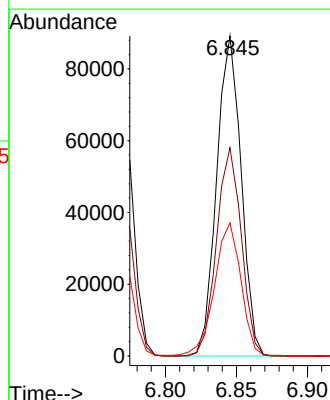
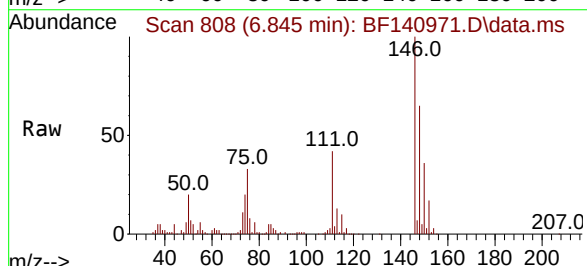
Tgt Ion:146 Resp: 106890

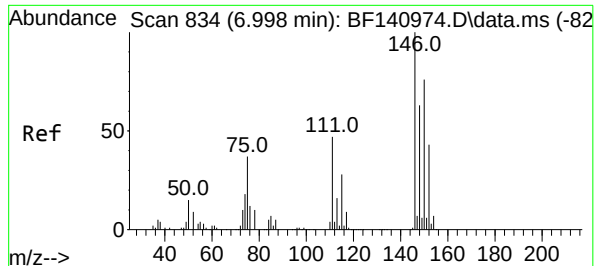
Ion Ratio Lower Upper

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 :

SSTDICC005

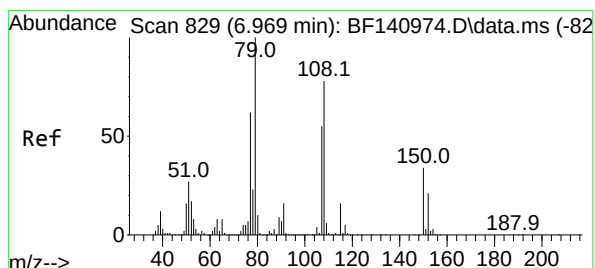
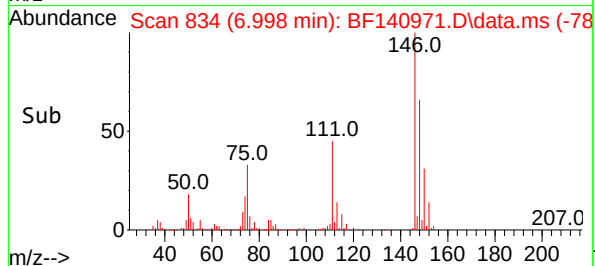
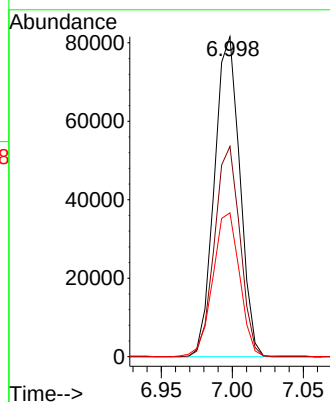
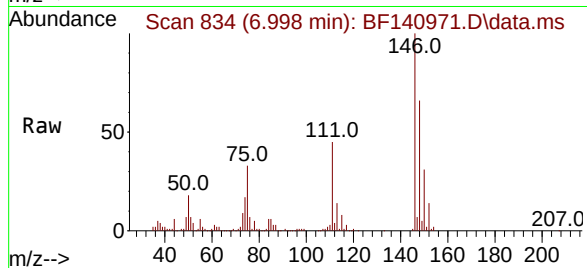
Tgt Ion:146 Resp: 101438

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

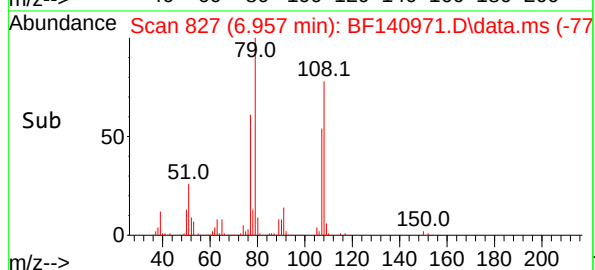
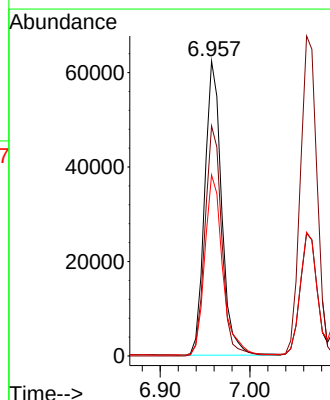
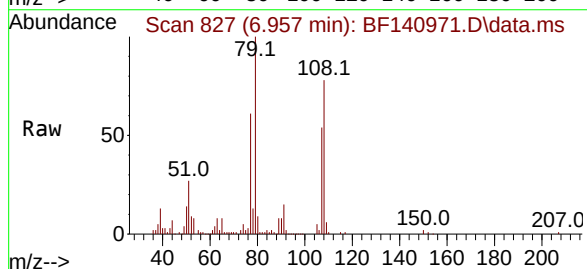
Tgt Ion: 79 Resp: 81438

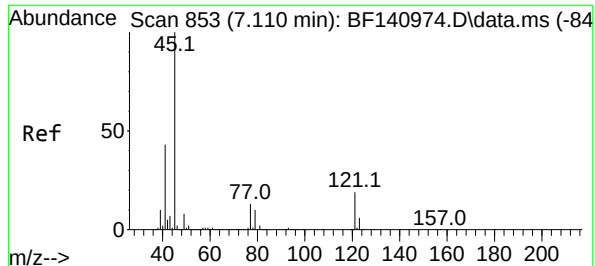
Ion Ratio Lower Upper

79 100

108 78.0 62.5 93.7

77 61.3 49.3 73.9

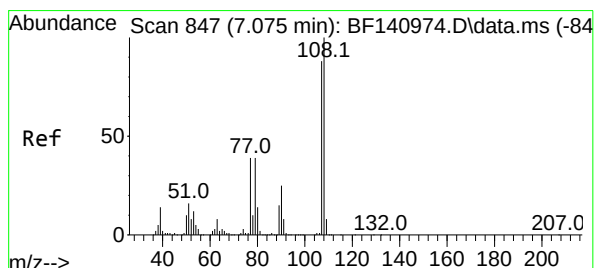
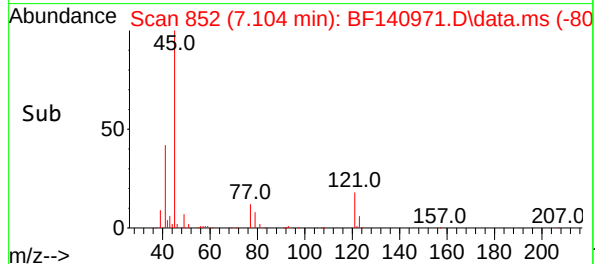
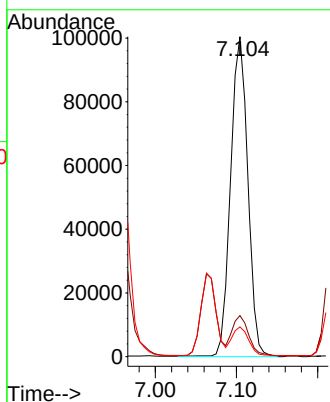
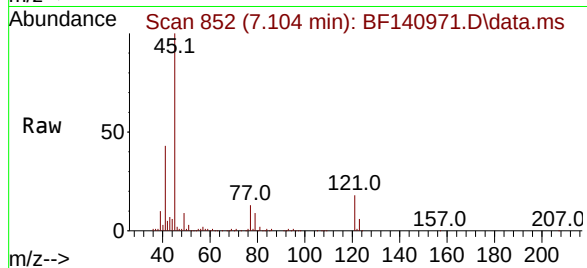




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.606 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

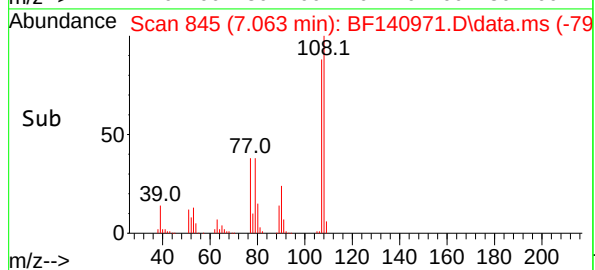
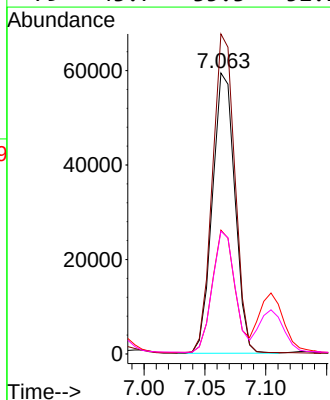
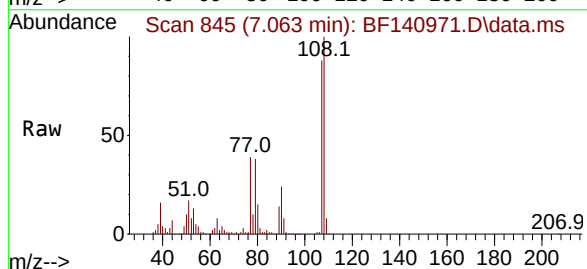
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

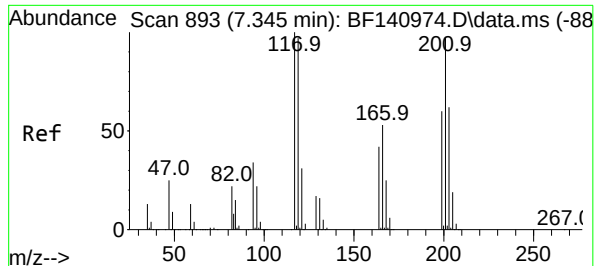
Tgt Ion: 45 Resp: 147834
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.1
79 9.3 0.0 30.1



#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

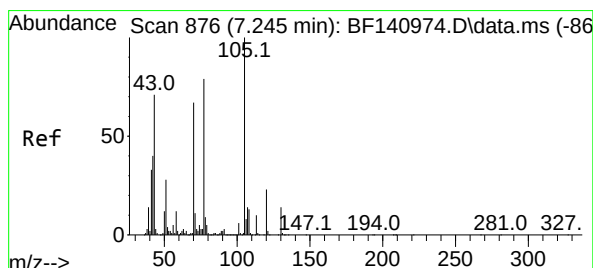
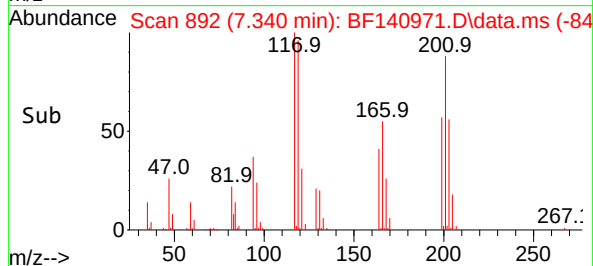
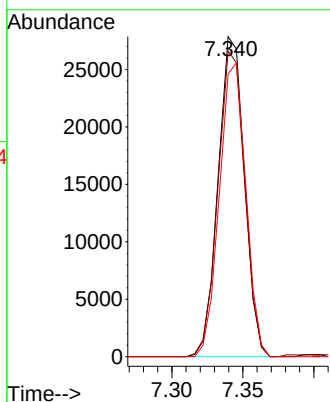
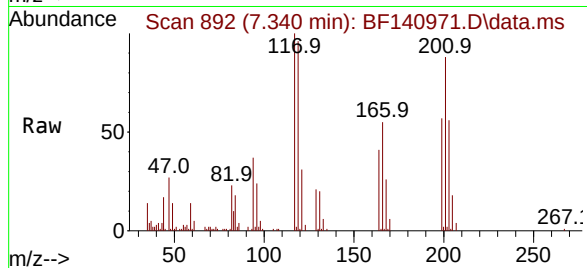




#18
Hexachloroethane
Concen: 5.313 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

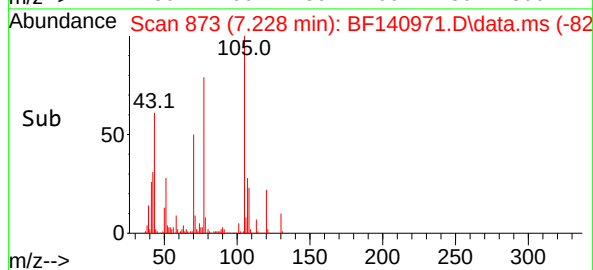
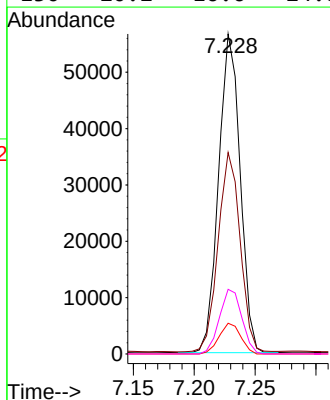
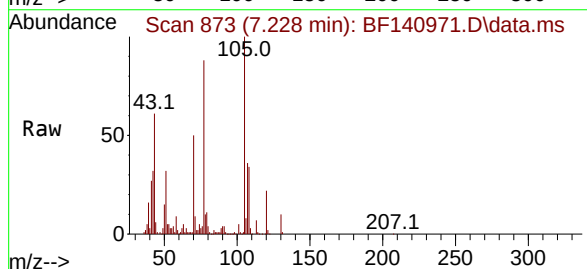
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

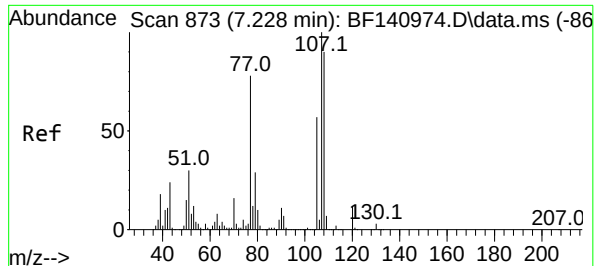
Tgt Ion:117 Resp: 35891
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
201 88.4 77.4 116.2



#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

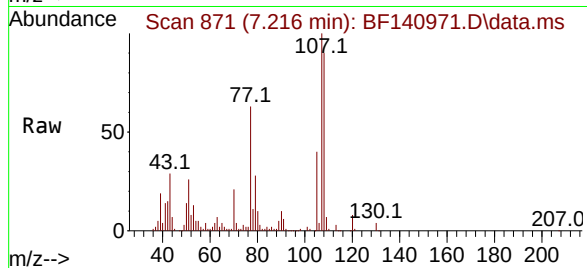
Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:107 Resp: 100457

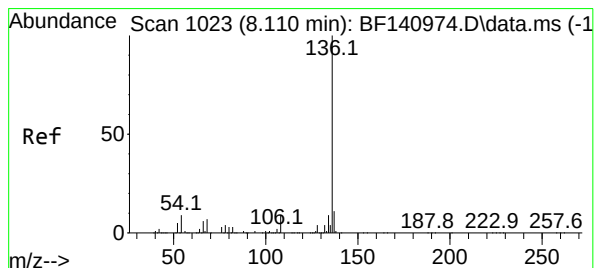
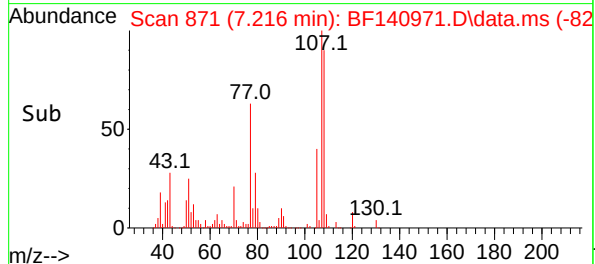
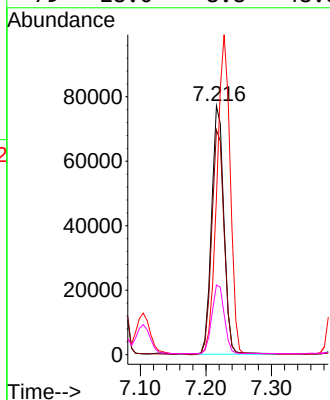
Ion Ratio Lower Upper

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

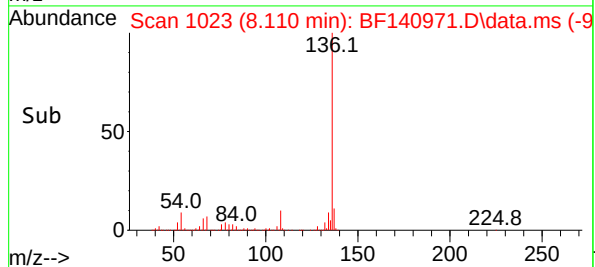
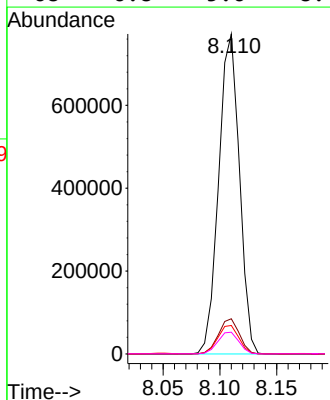
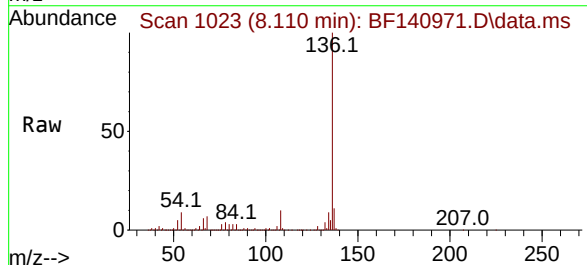
Ion Ratio Lower Upper

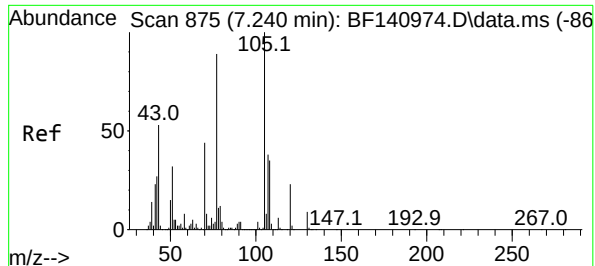
136 100

137 11.0 9.0 13.4

54 8.9 7.6 11.4

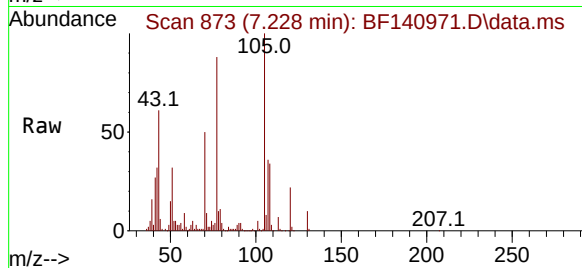
68 6.8 5.6 8.4



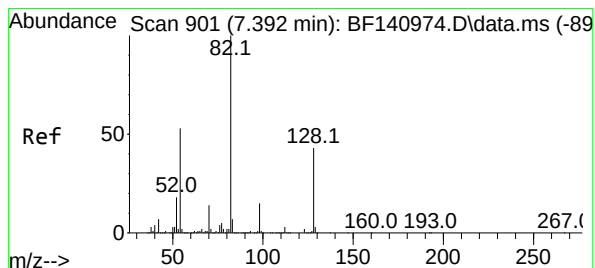
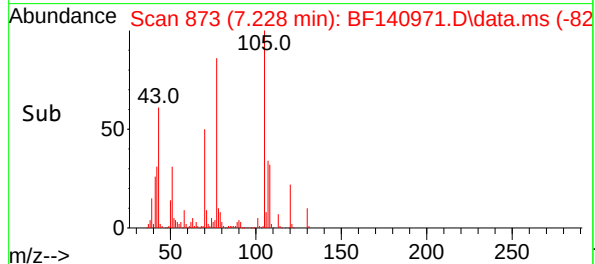
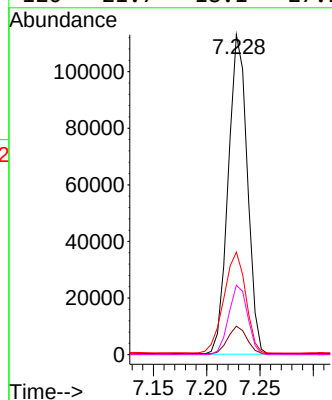


#22
Acetophenone
Concen: 5.856 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

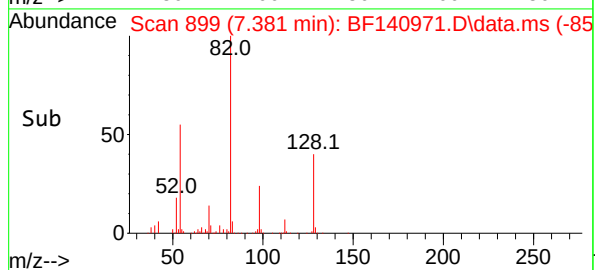
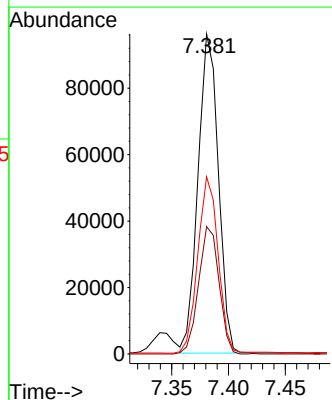
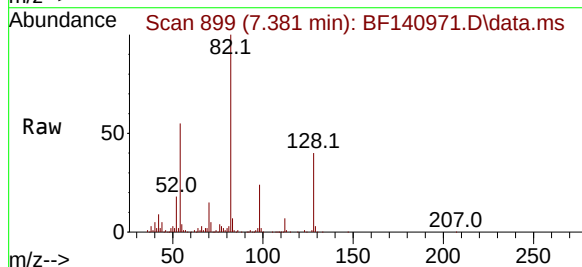


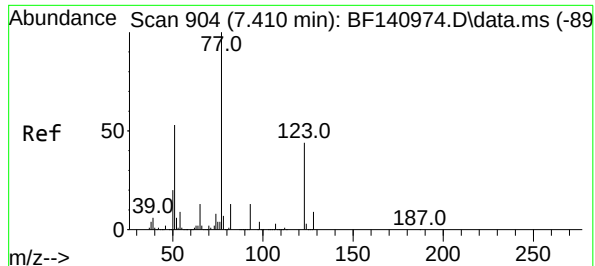
Tgt Ion:105 Resp: 140966
Ion Ratio Lower Upper
105 100
71 8.9 6.1 9.1
51 32.0 25.8 38.6
120 21.7 18.1 27.1



#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 :

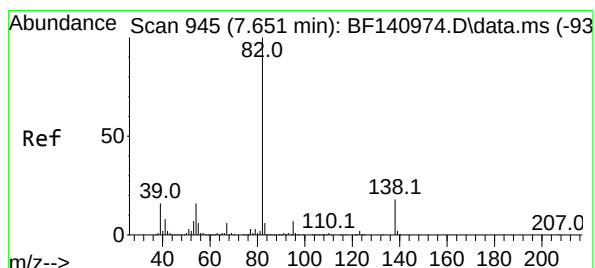
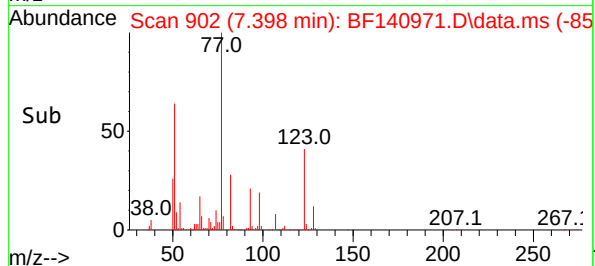
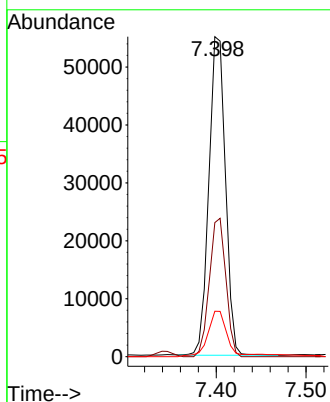
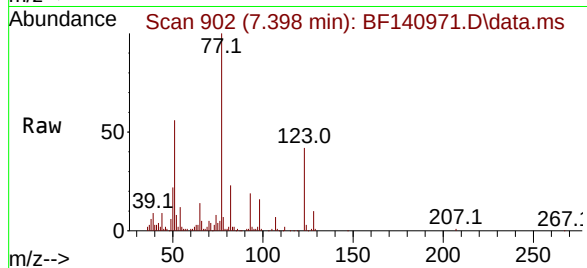
BNA_F

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

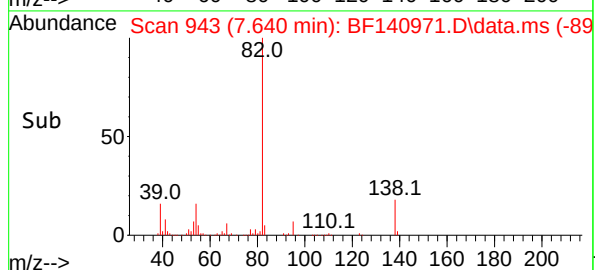
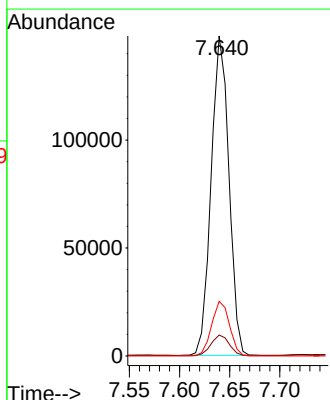
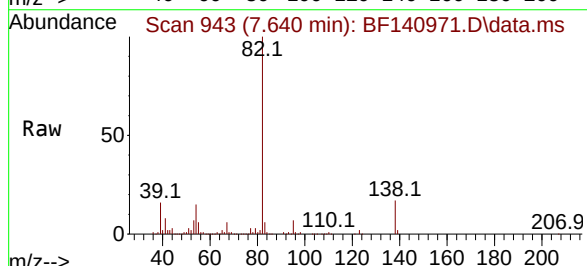
Delta R.T. -0.012 min

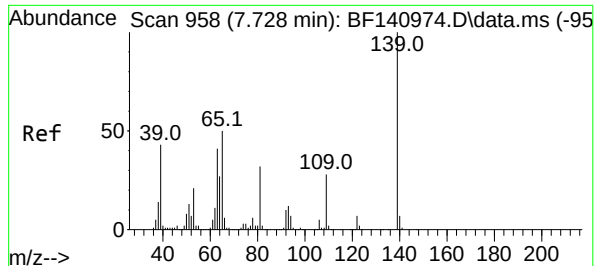
Lab File: BF140971.D

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

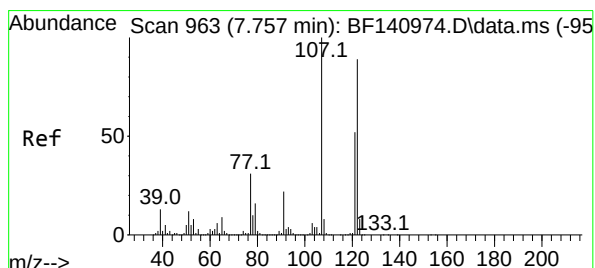
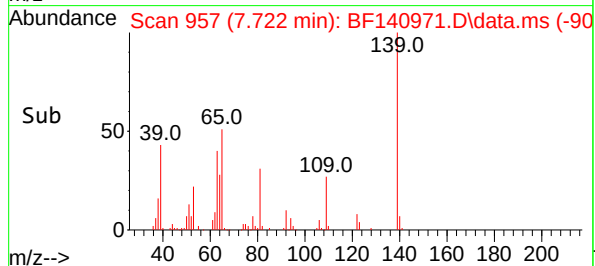
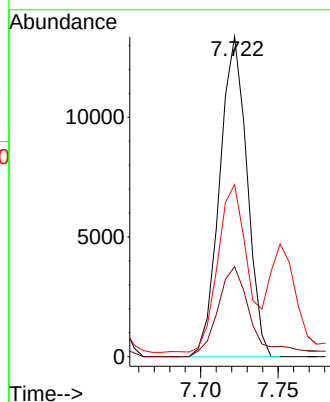
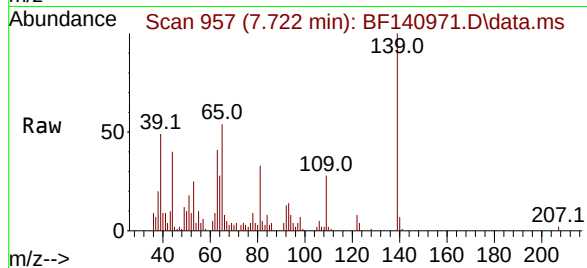
Tgt Ion:139 Resp: 16400

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

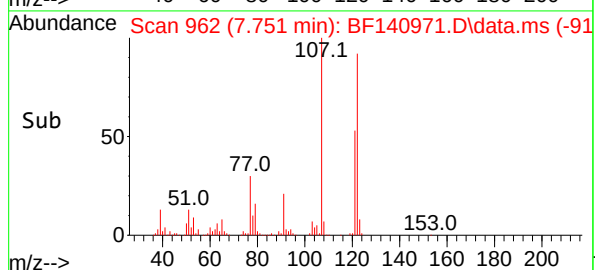
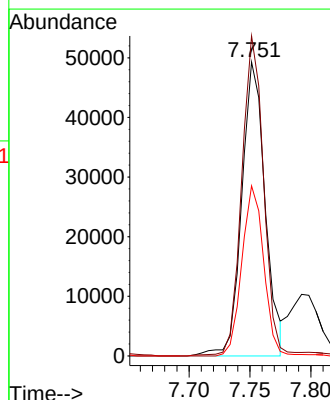
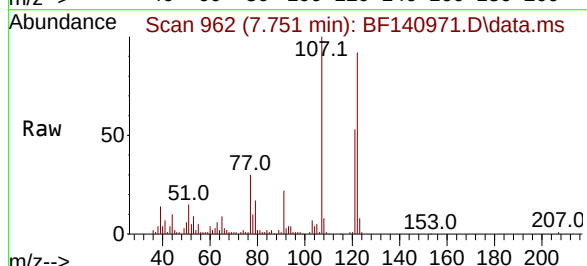
Tgt Ion:122 Resp: 65753

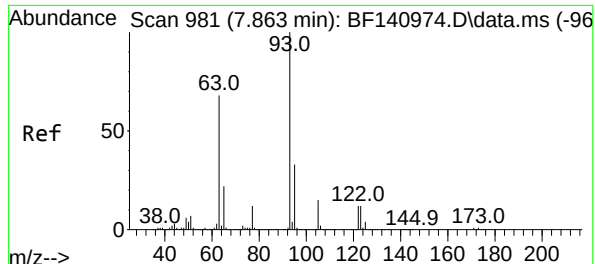
Ion Ratio Lower Upper

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

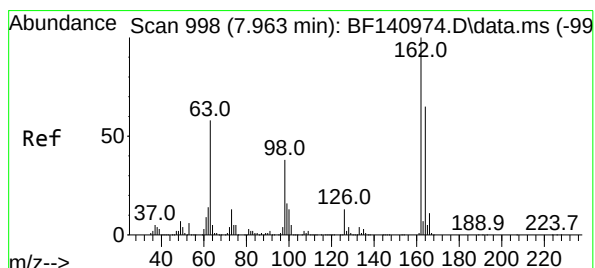
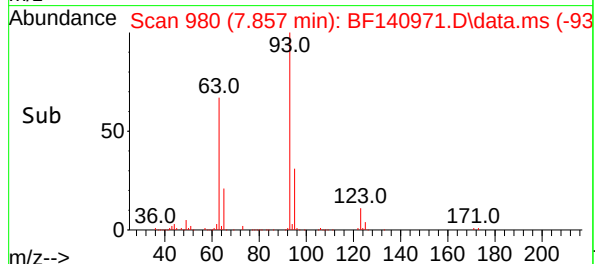
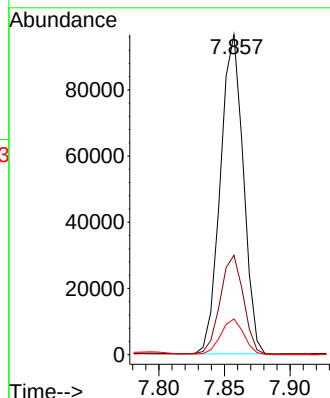
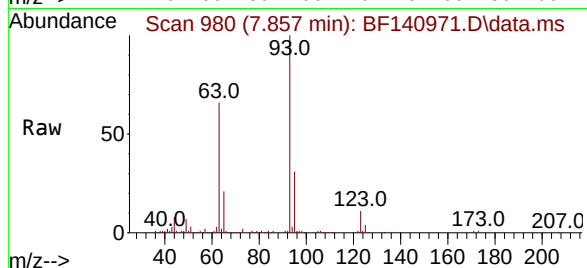
Tgt Ion: 93 Resp: 117023

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

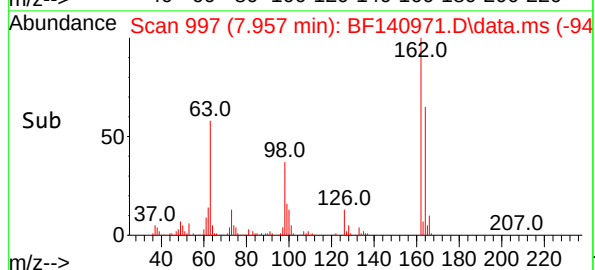
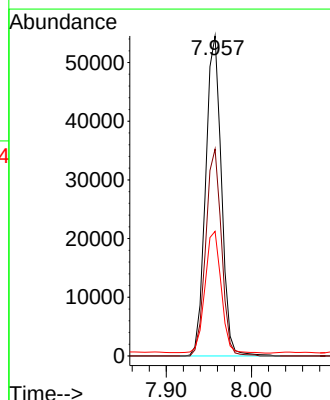
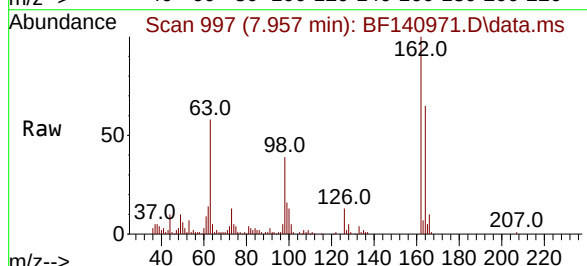
Tgt Ion: 162 Resp: 70187

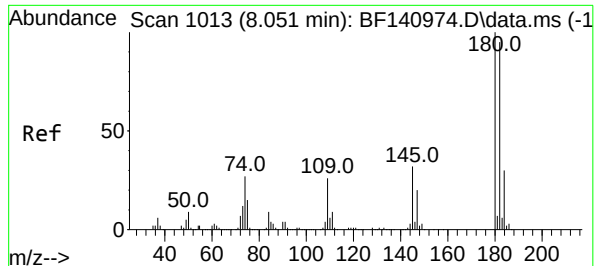
Ion Ratio Lower Upper

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

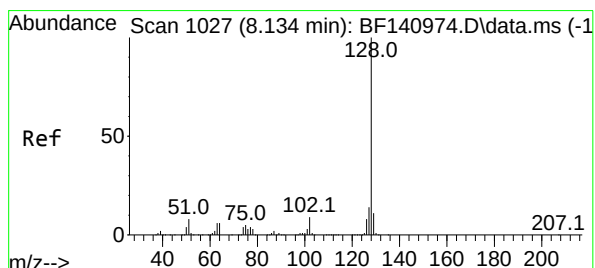
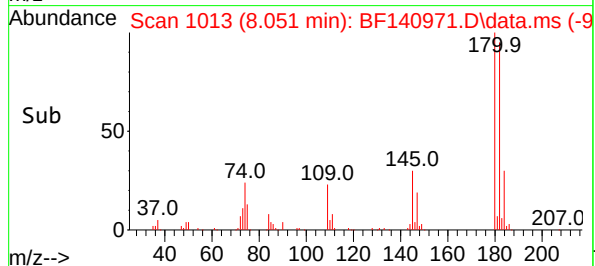
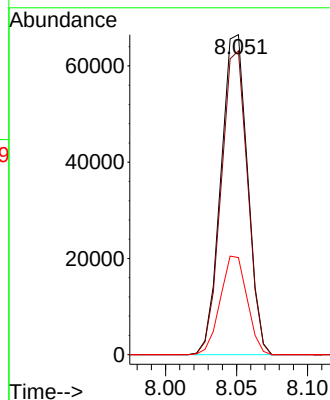
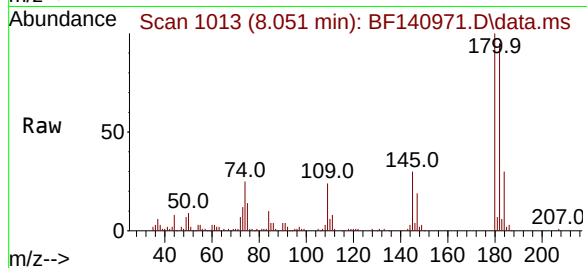
Tgt Ion:180 Resp: 86885

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

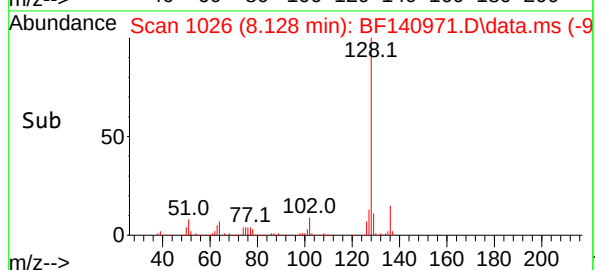
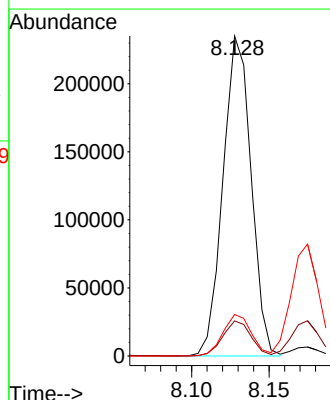
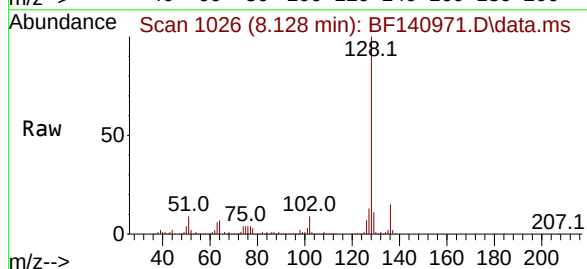
Tgt Ion:128 Resp: 296471

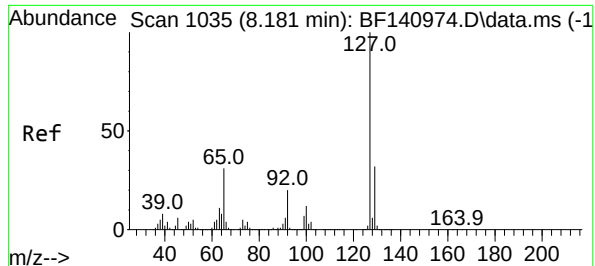
Ion Ratio Lower Upper

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

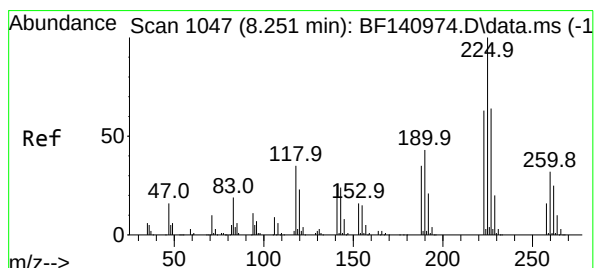
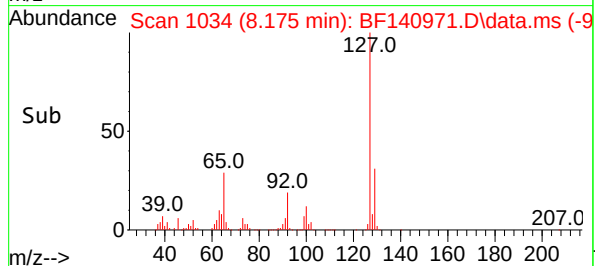
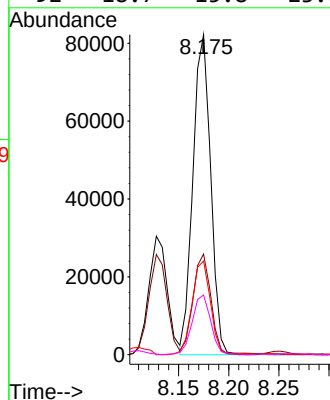
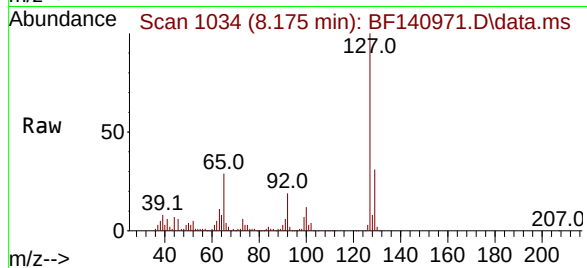
Ion Ratio Lower Upper

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

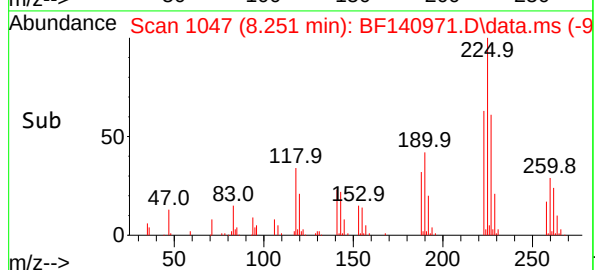
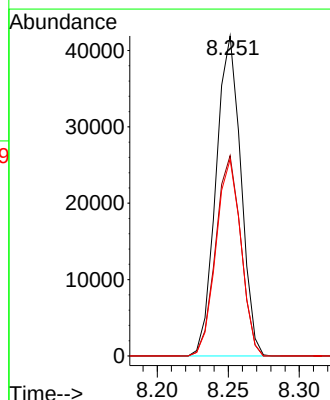
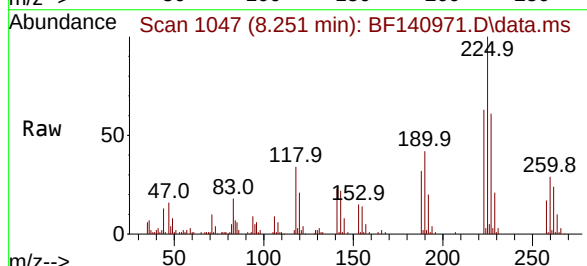
Tgt Ion:225 Resp: 51022

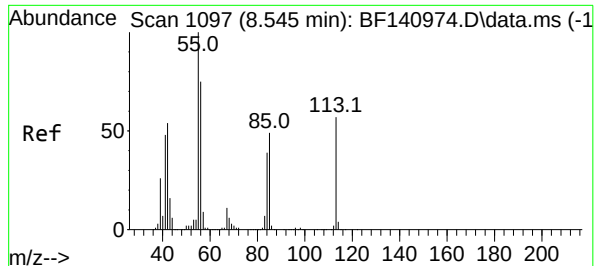
Ion Ratio Lower Upper

225 100

223 62.6 50.3 75.5

227 61.4 50.8 76.2

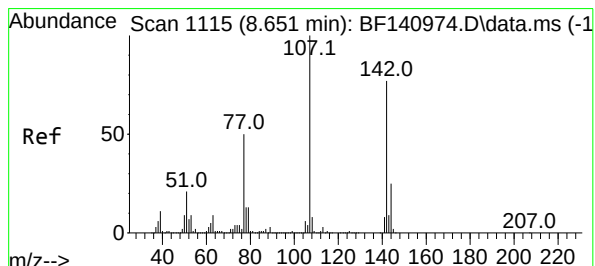
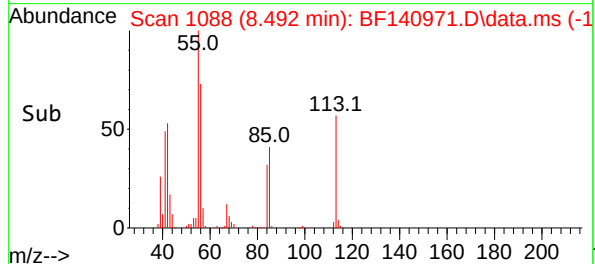
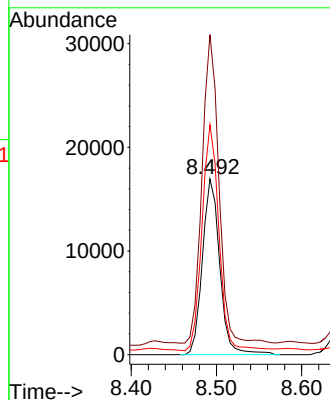
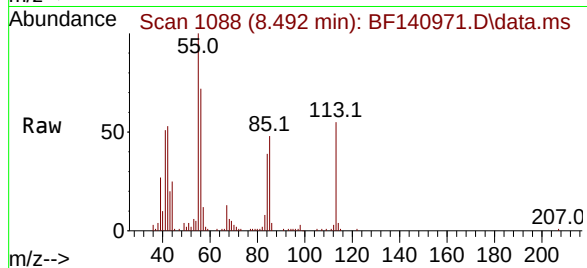




#35
Caprolactam
Concen: 5.102 ng
RT: 8.492 min Scan# 1097
Delta R.T. -0.053 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

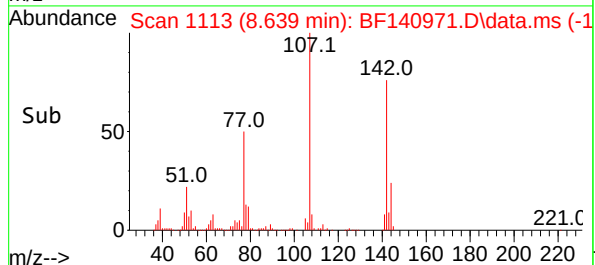
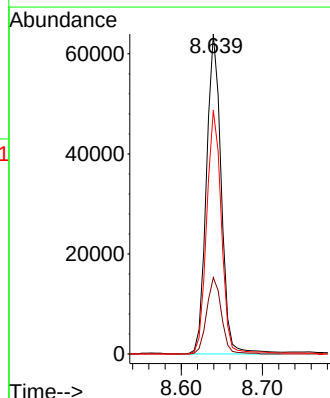
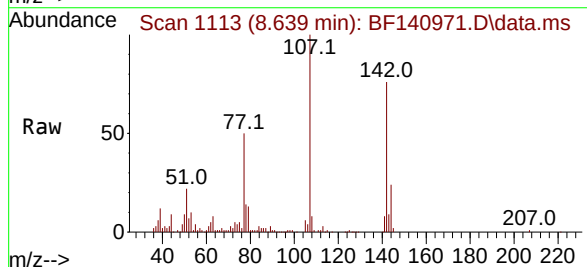
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

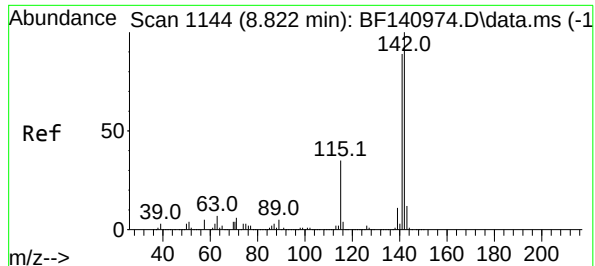
Tgt Ion	Ratio	Lower	Upper
113	100		
55	182.2	156.6	196.6
56	130.9	111.7	151.7



#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 :

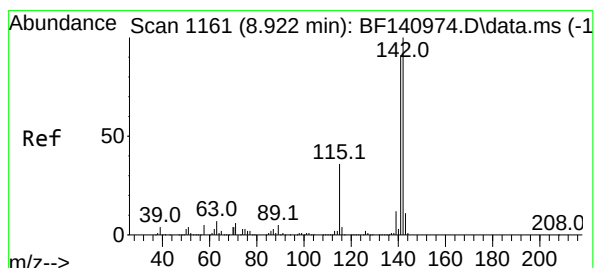
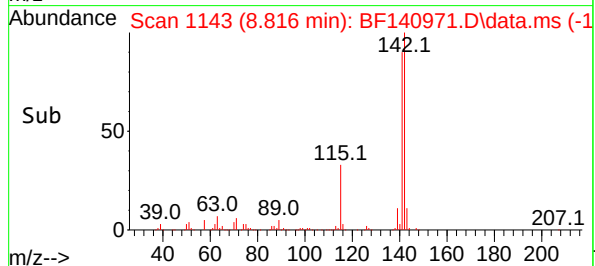
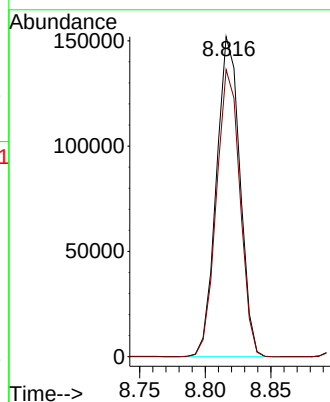
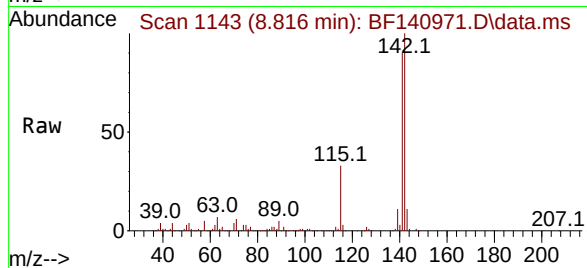
SSTDICC005

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

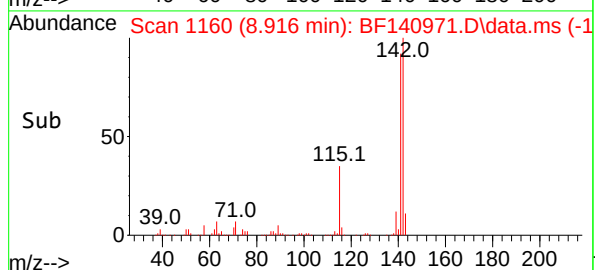
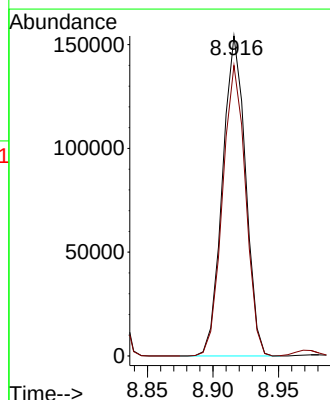
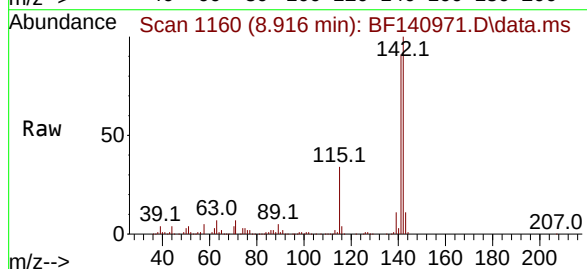
Acq: 26 Dec 2024 16:49

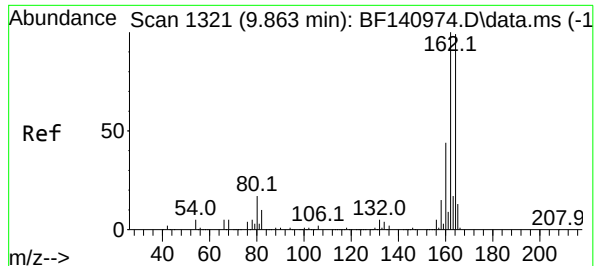
Tgt Ion:142 Resp: 188155

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 :

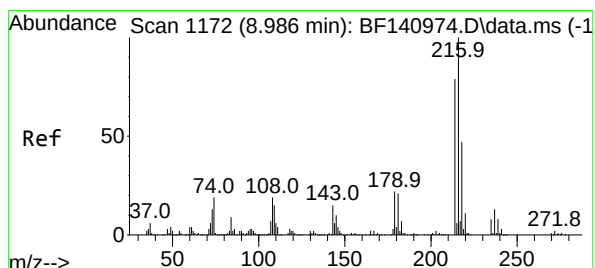
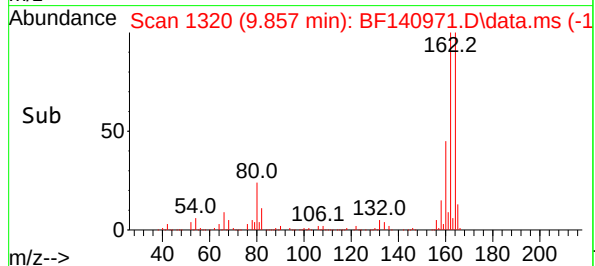
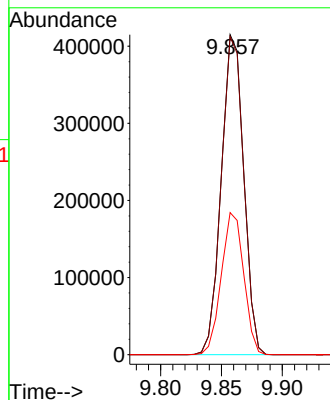
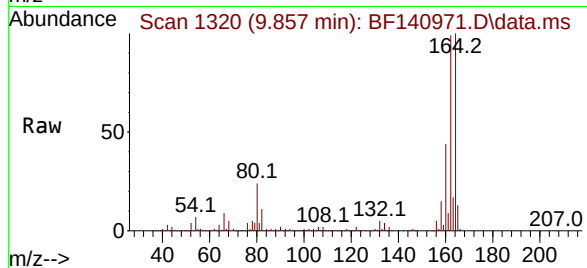
BNA_F

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

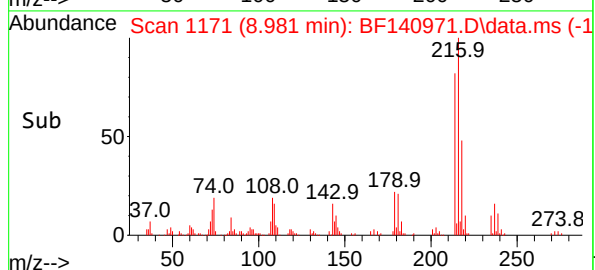
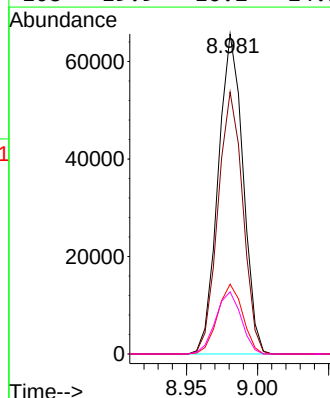
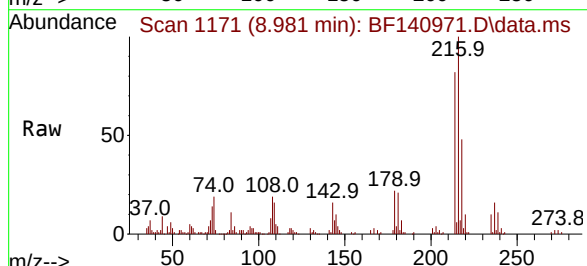
Delta R.T. -0.006 min

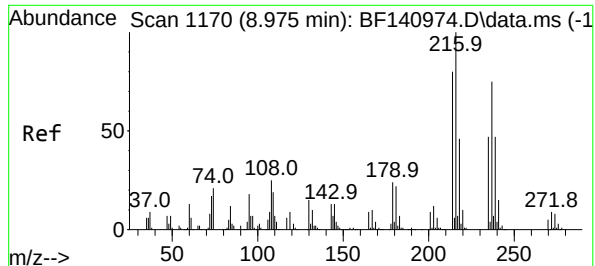
Lab File: BF140971.D

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

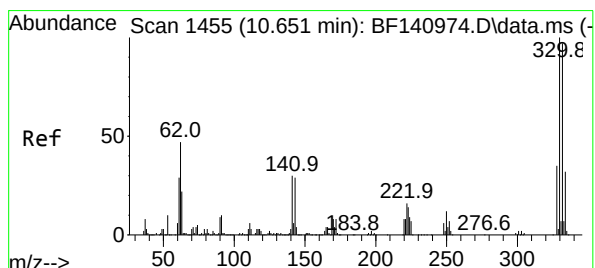
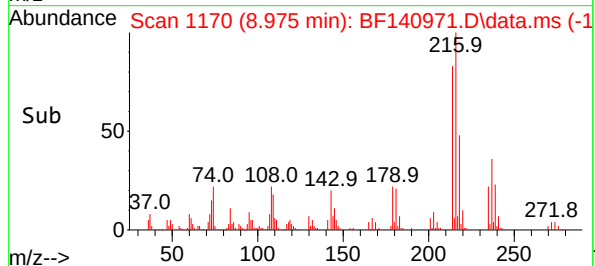
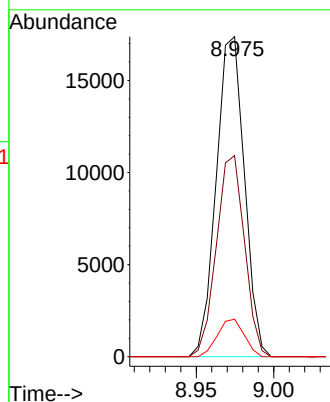
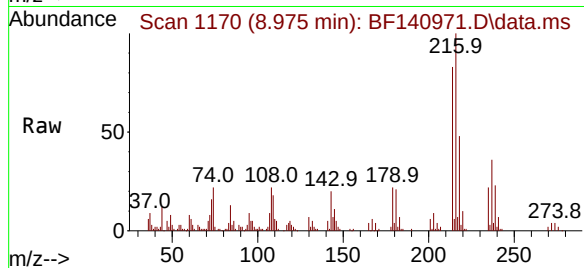




#41
Hexachlorocyclopentadiene
Concen: 4.531 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

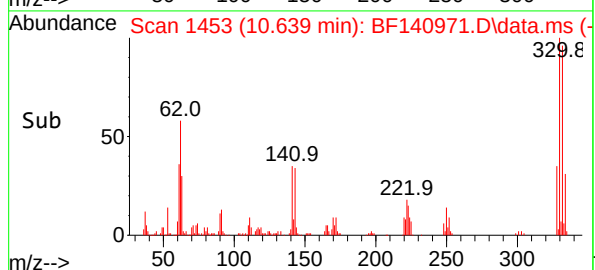
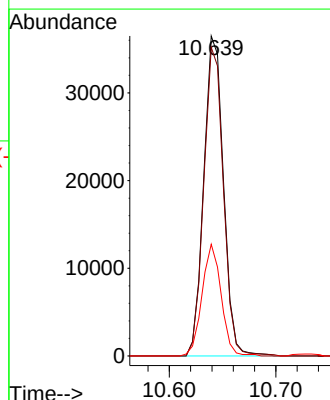
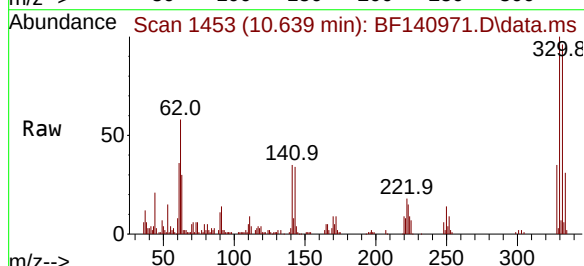
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

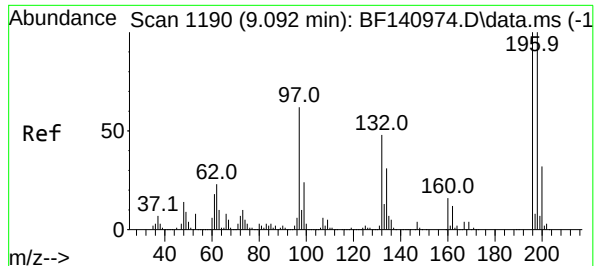
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.4	83.4
272	11.7	0.0	32.6



#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	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

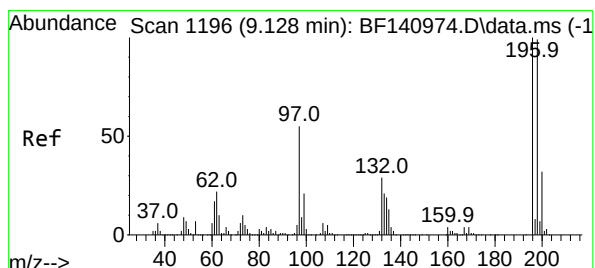
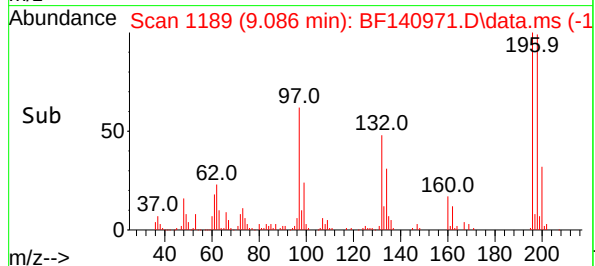
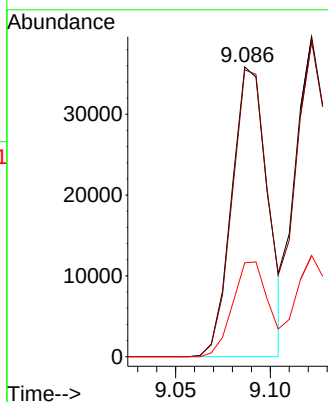
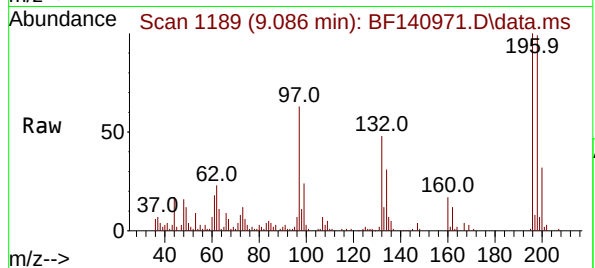
Tgt Ion:196 Resp: 47166

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

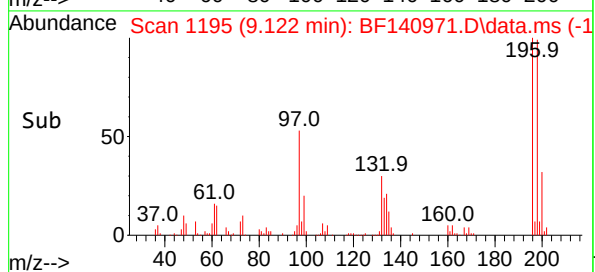
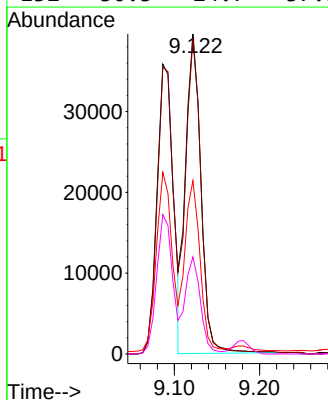
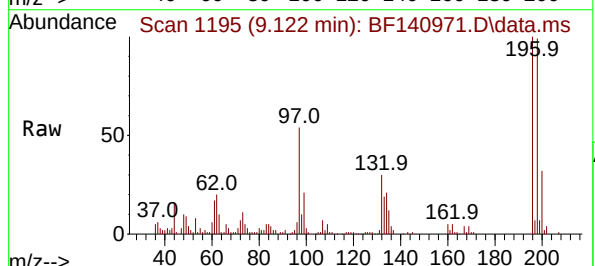
Ion Ratio Lower Upper

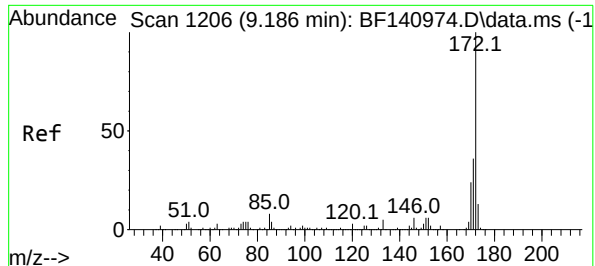
196 100

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# 1206

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

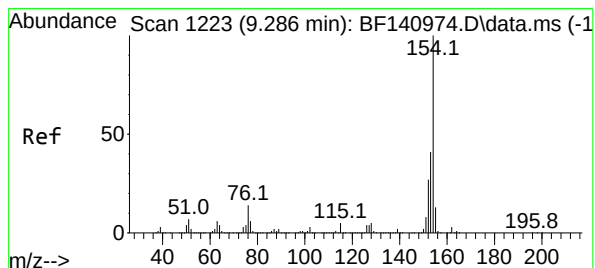
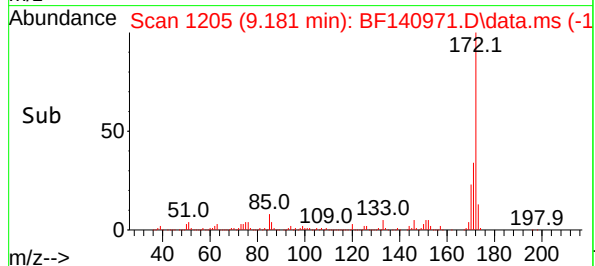
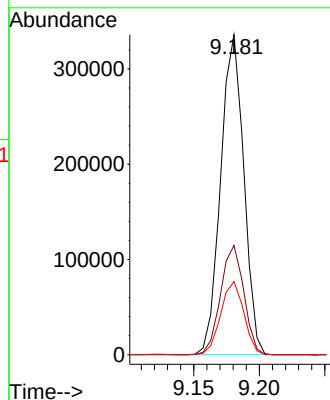
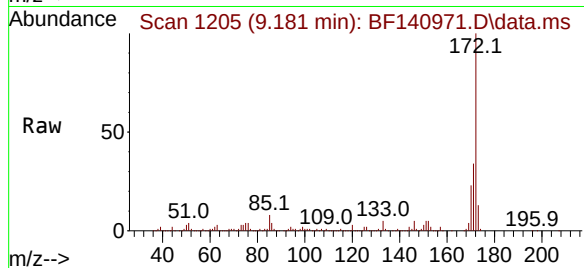
Tgt Ion:172 Resp: 411497

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

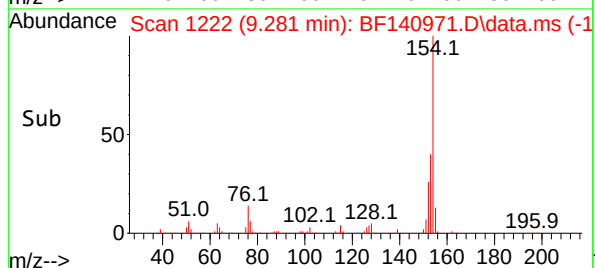
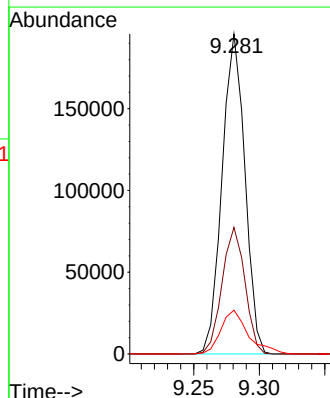
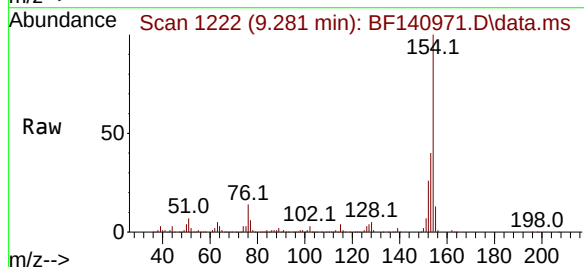
Tgt Ion:154 Resp: 236377

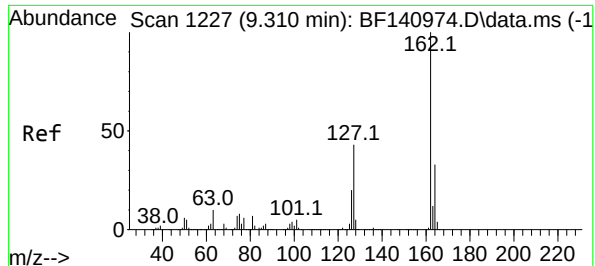
Ion Ratio Lower Upper

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

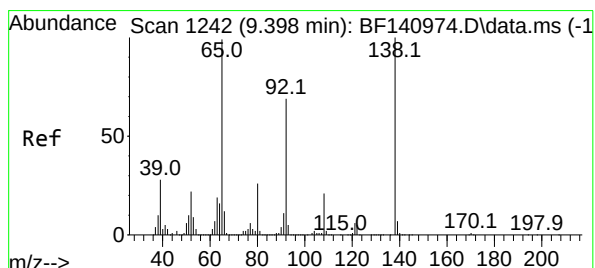
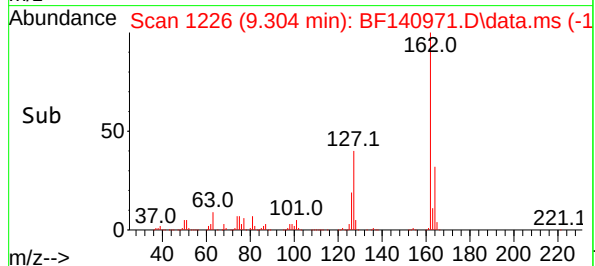
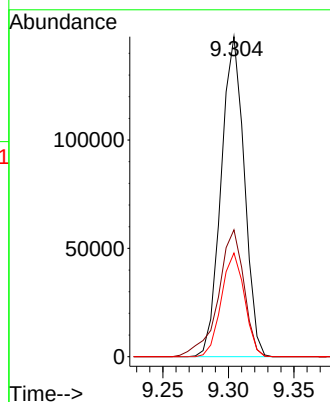
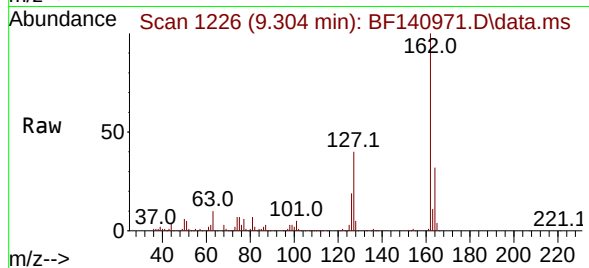
Tgt Ion:162 Resp: 181255

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

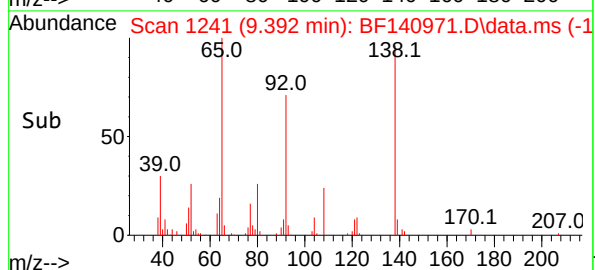
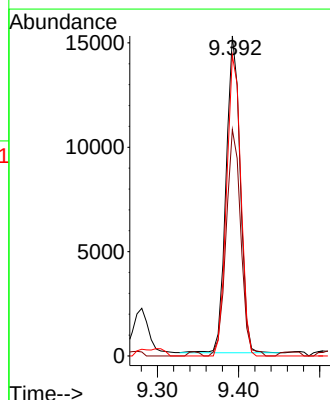
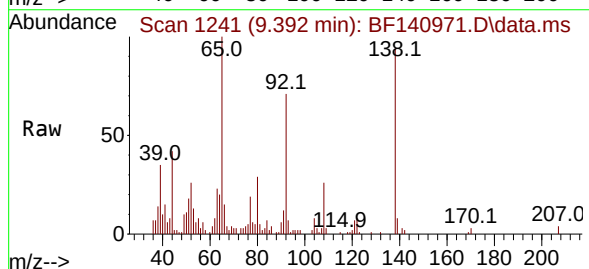
Tgt Ion: 65 Resp: 18450

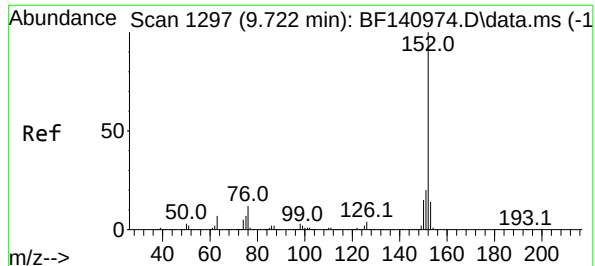
Ion Ratio Lower Upper

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

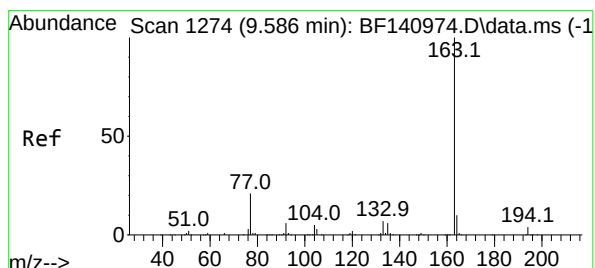
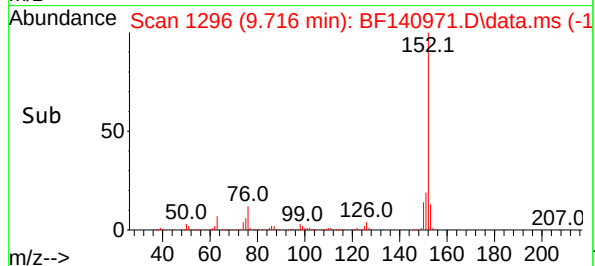
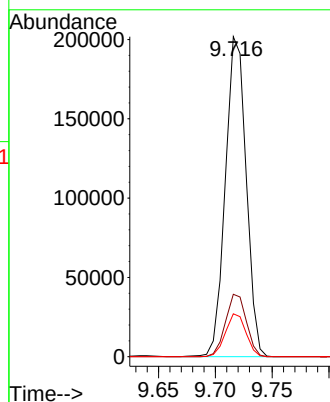
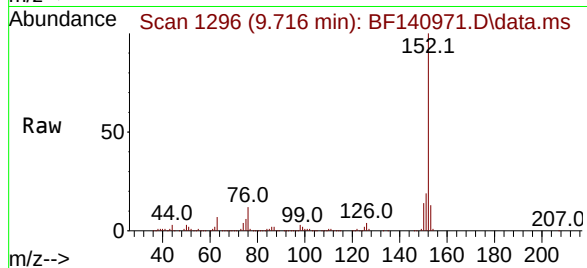
Tgt Ion:152 Resp: 257474

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

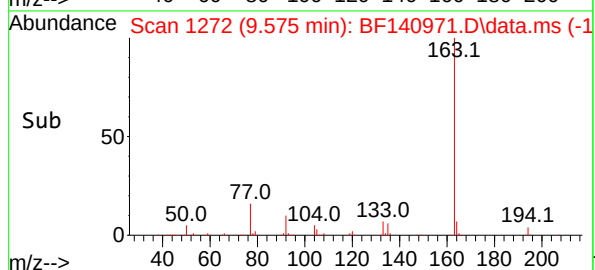
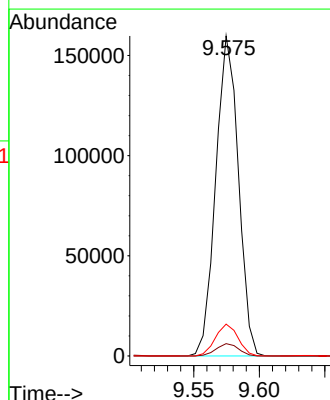
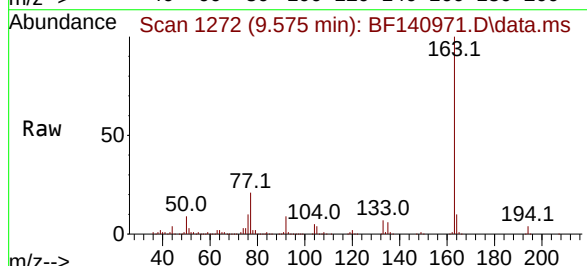
Tgt Ion:163 Resp: 191408

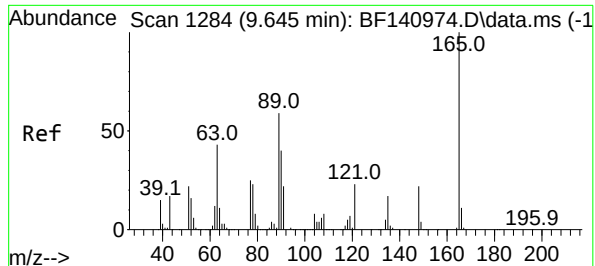
Ion Ratio Lower Upper

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

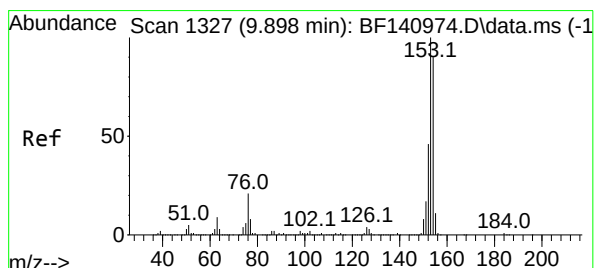
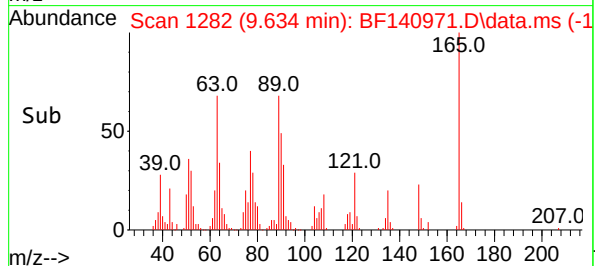
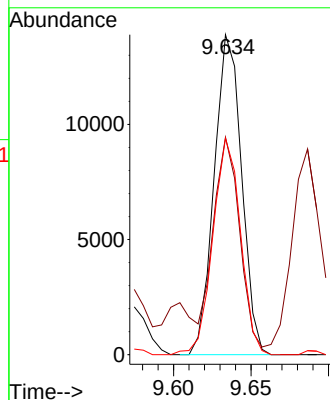
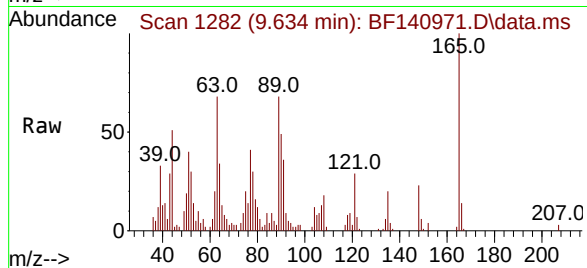
Tgt Ion:165 Resp: 17091

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

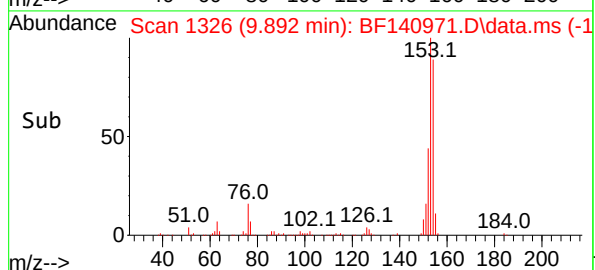
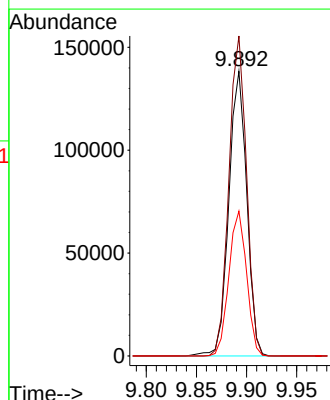
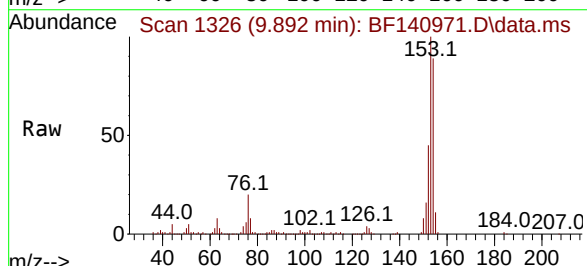
Tgt Ion:154 Resp: 171603

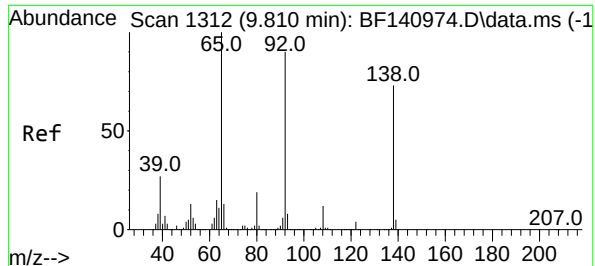
Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

152 50.8 40.9 61.3

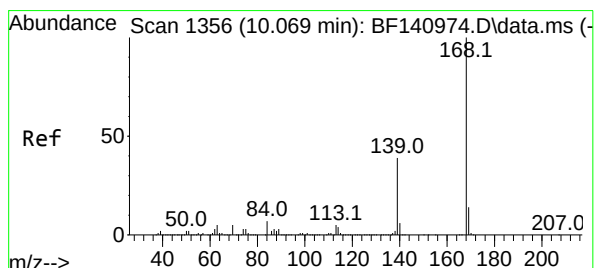
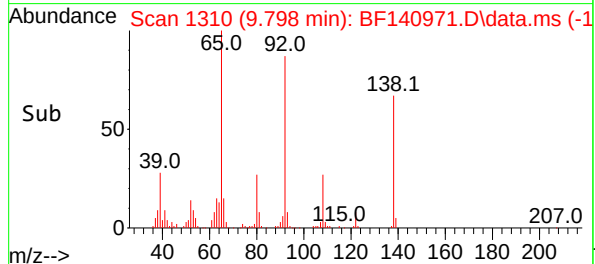
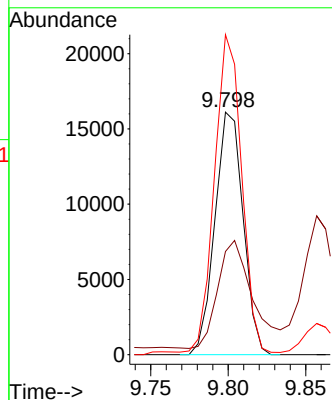
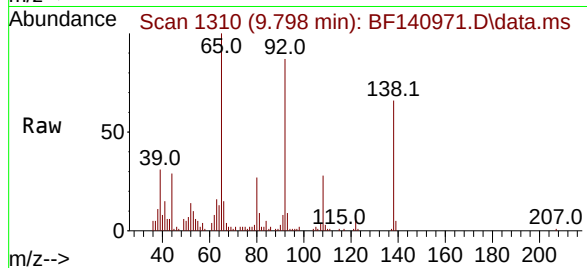




#53
3-Nitroaniline
Concen: 5.713 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

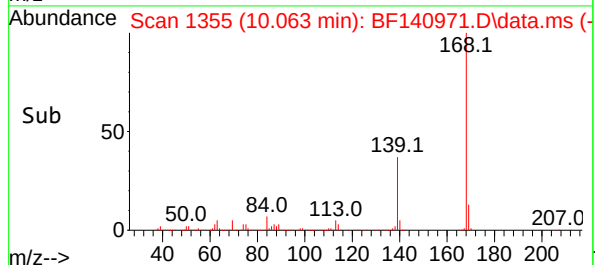
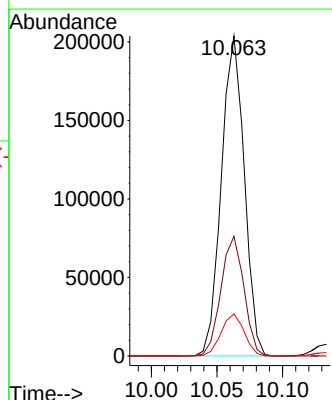
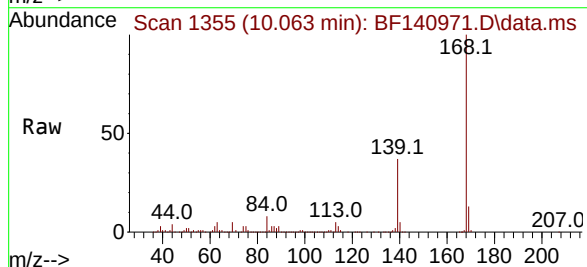
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

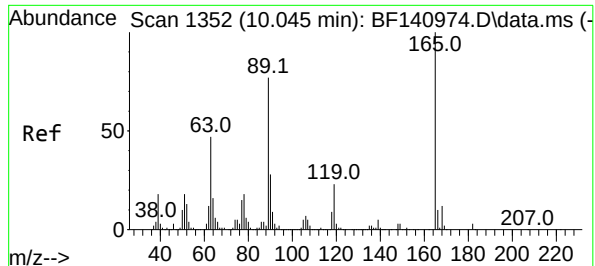
Tgt Ion:138 Resp: 20408
Ion Ratio Lower Upper
138 100
108 42.5 13.5 20.3#
92 131.9 97.7 146.5



#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

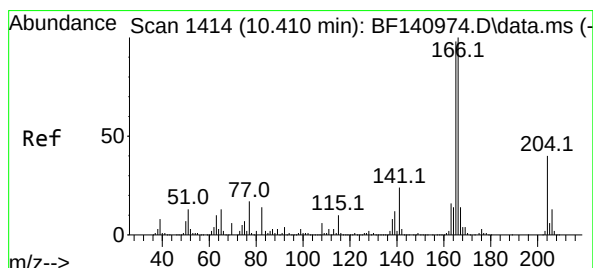
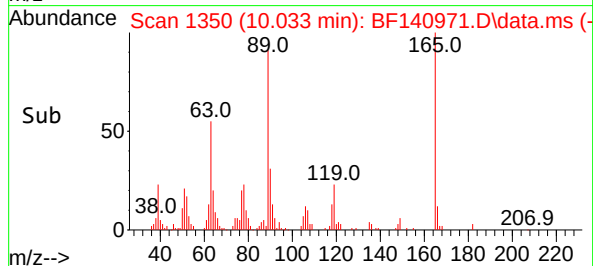
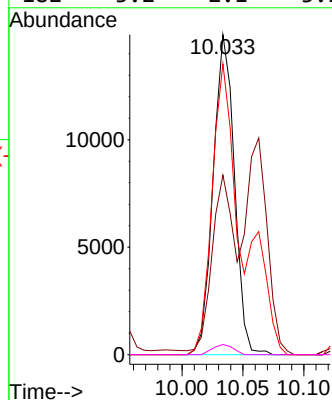
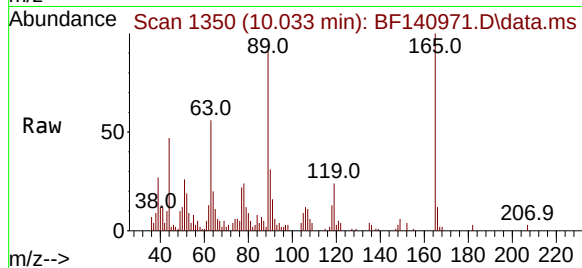




#57
2,4-Dinitrotoluene
Concen: 6.371 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

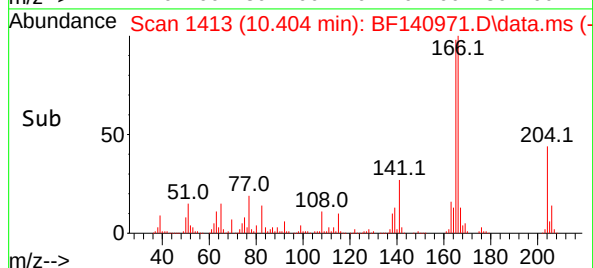
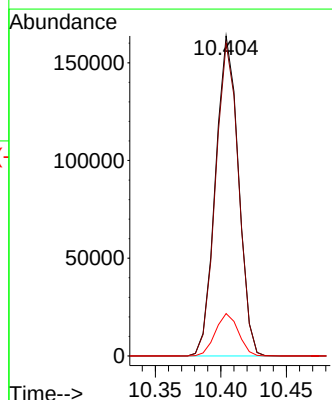
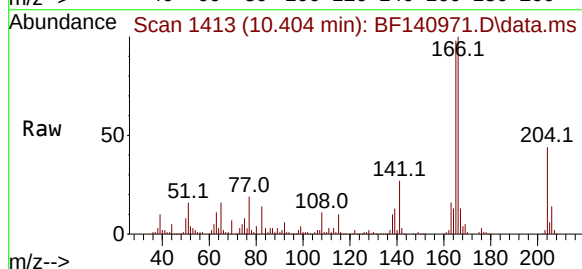
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

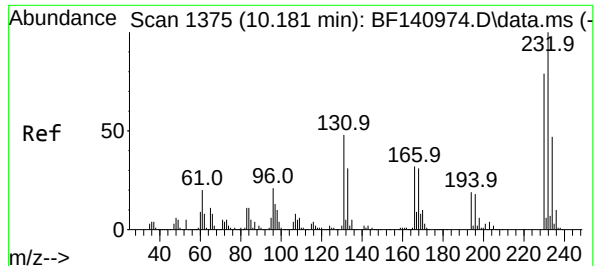
Tgt Ion:165 Resp: 18052
Ion Ratio Lower Upper
165 100
63 56.1 38.1 57.1
89 90.9 61.4 92.2
182 3.2 2.1 3.1#



#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

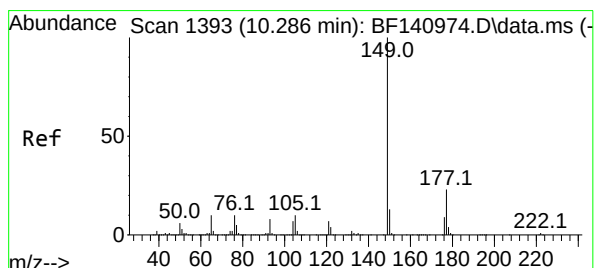
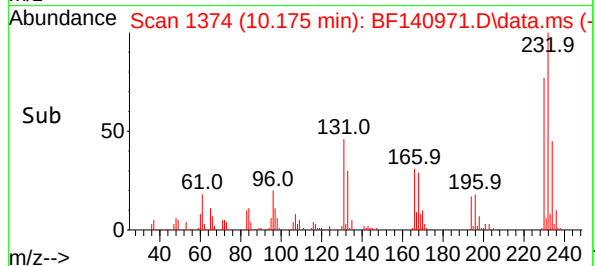
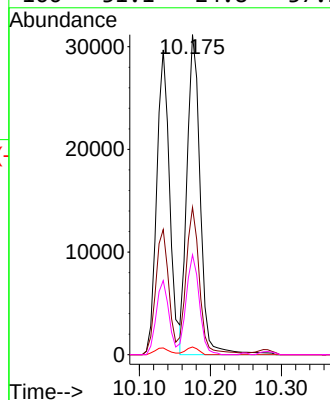
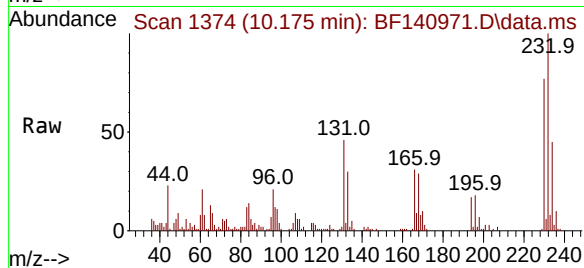
Ion Ratio Lower Upper

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

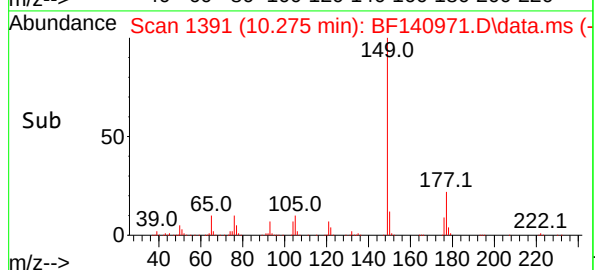
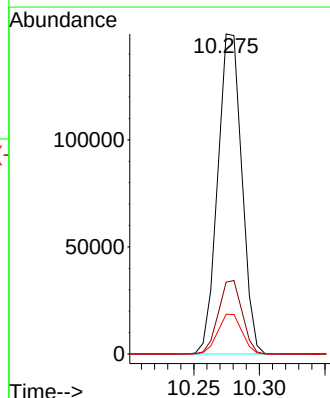
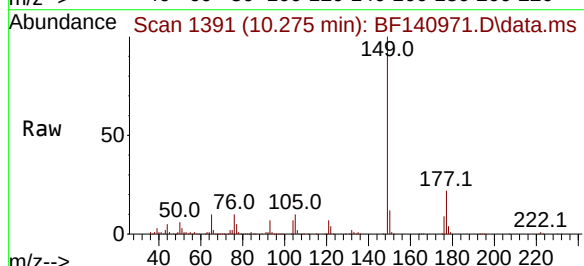
Tgt Ion:149 Resp: 190810

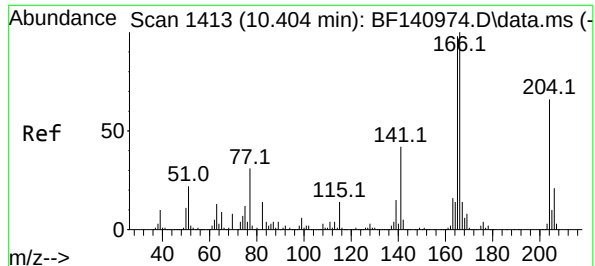
Ion Ratio Lower Upper

149 100

177 22.4 18.3 27.5

150 12.4 10.4 15.6

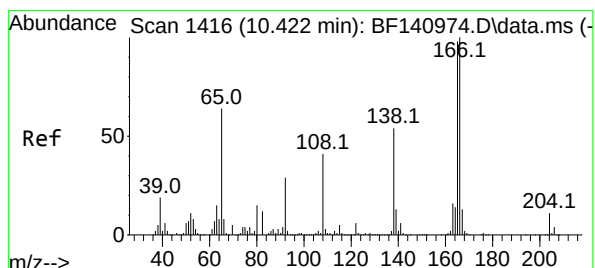
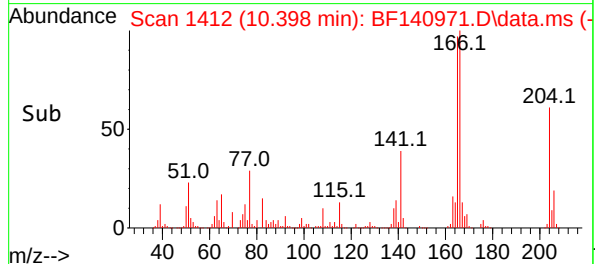
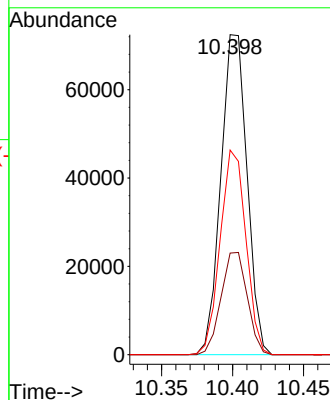
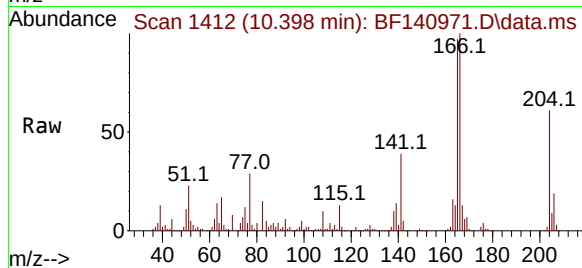




#61
4-Chlorophenyl-phenylether
Concen: 5.773 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

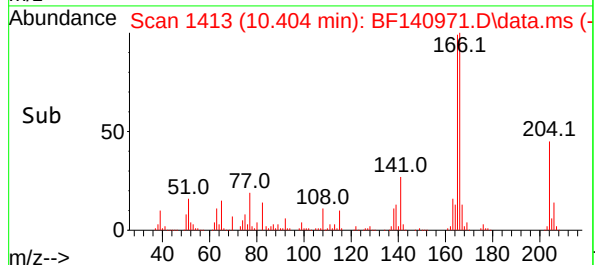
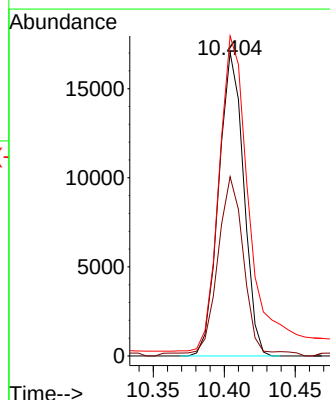
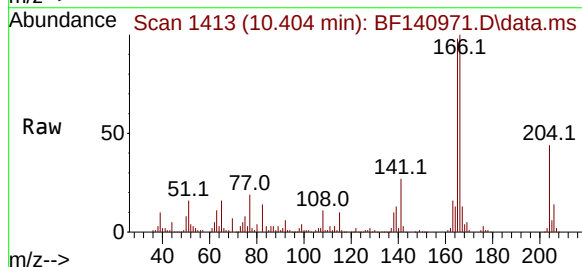
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

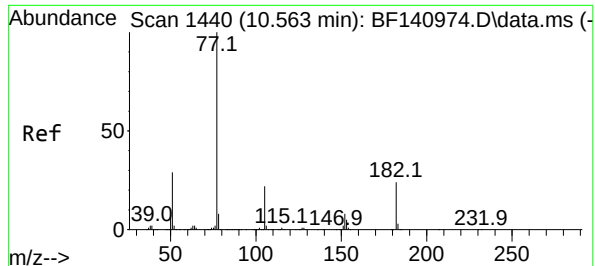
Tgt Ion:204 Resp: 93161
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.6
141 64.0 51.2 76.8



#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#

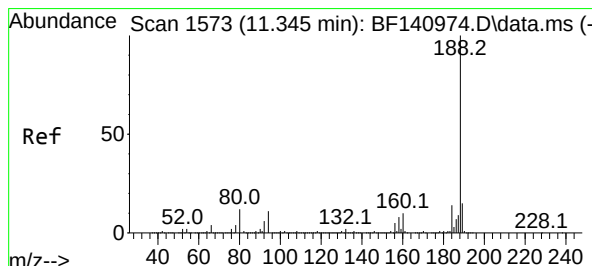
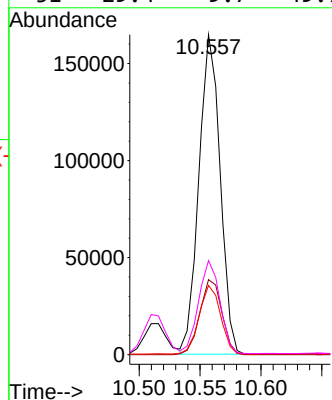
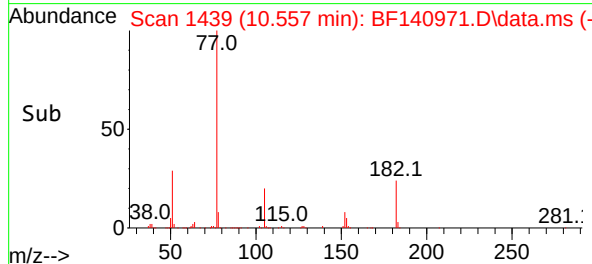
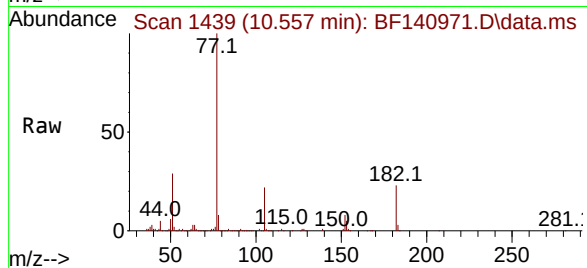




#63
Azobenzene
Concen: 5.508 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

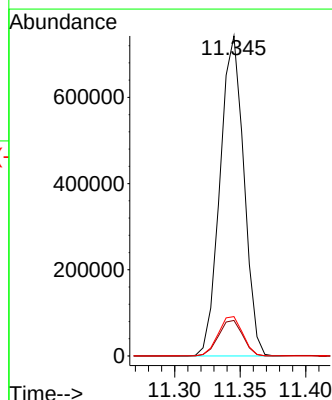
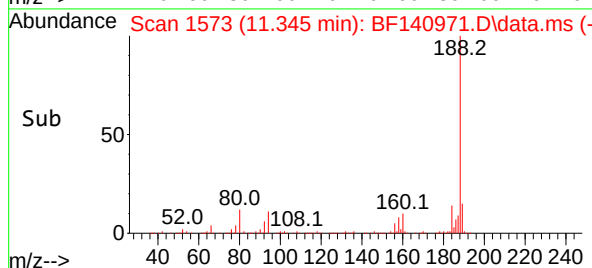
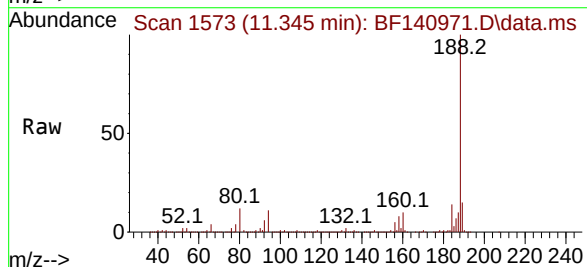
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

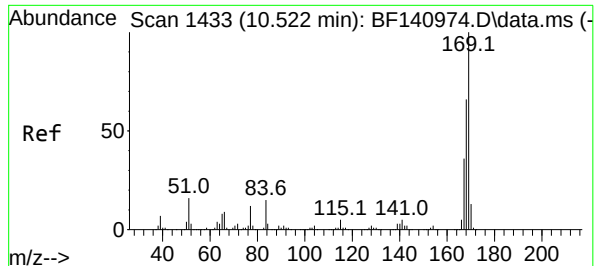
Tgt Ion: 77 Resp: 199905
Ion Ratio Lower Upper
77 100
182 23.5 4.1 44.1
105 21.7 1.8 41.8
51 29.4 9.7 49.7



#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

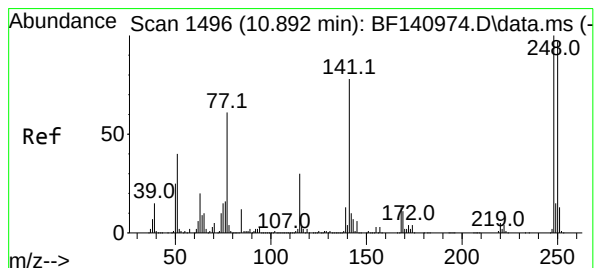
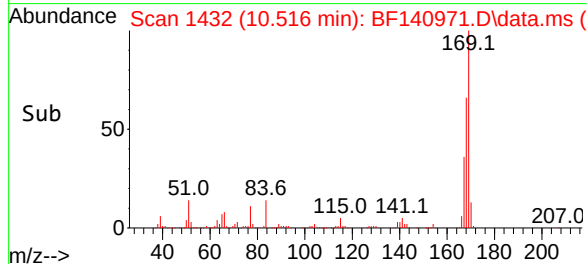
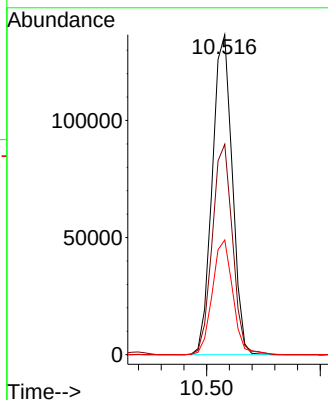
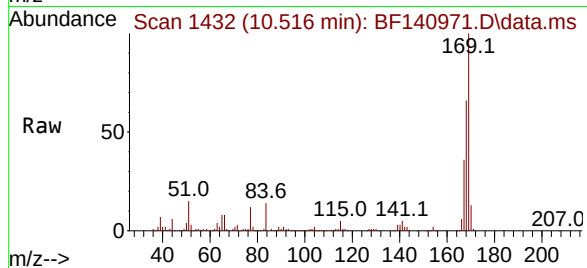




#66
n-Nitrosodiphenylamine
Concen: 5.654 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

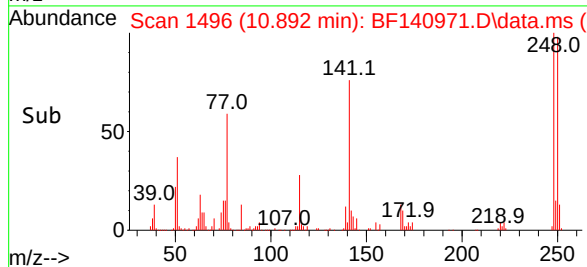
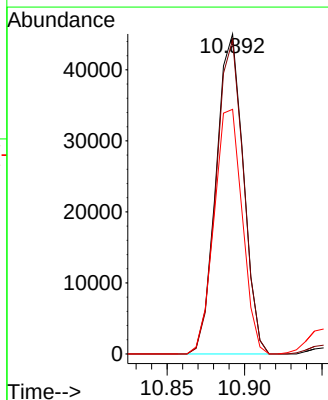
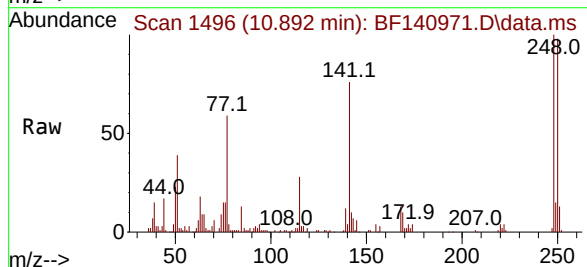
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

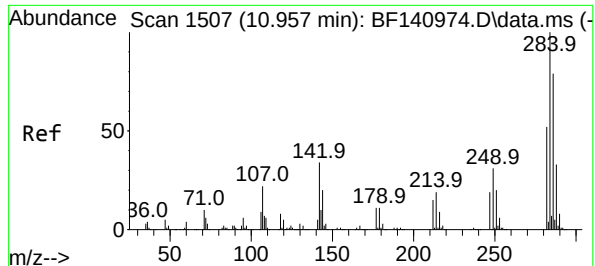
Tgt Ion:169 Resp: 167108
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 35.8 29.0 43.4



#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

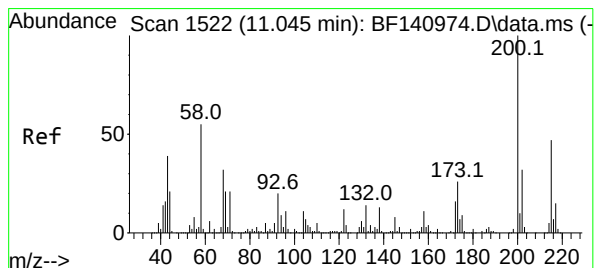
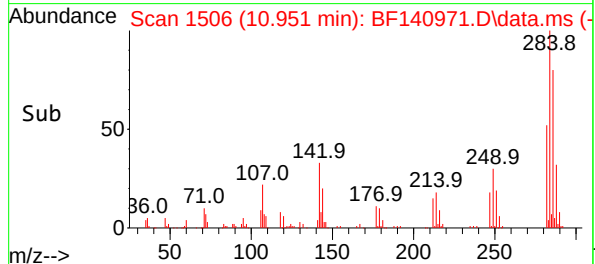
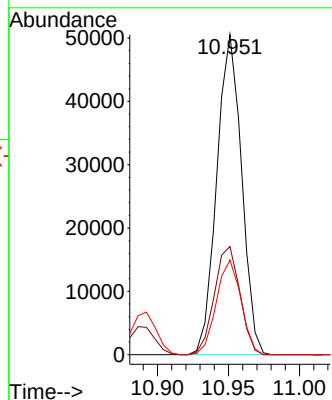
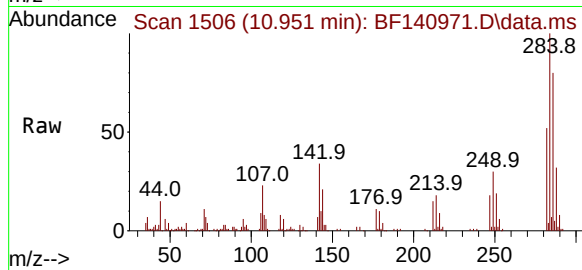




#68
Hexachlorobenzene
Concen: 5.483 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

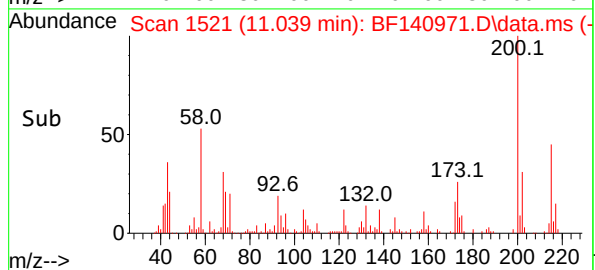
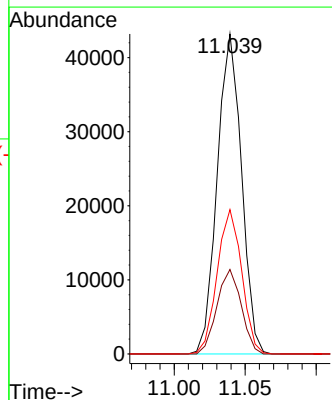
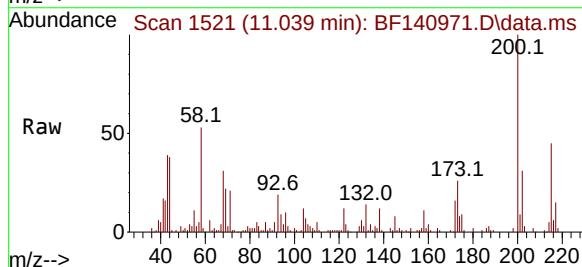
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

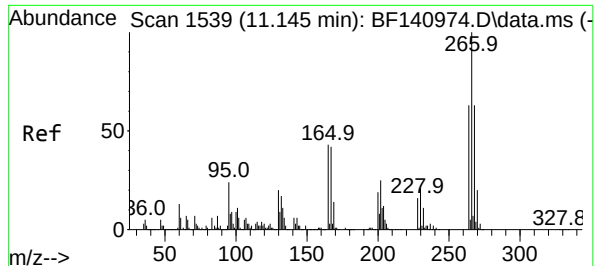
Tgt Ion:284 Resp: 61339
Ion Ratio Lower Upper
284 100
142 33.8 27.1 40.7
249 29.6 25.1 37.7



#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

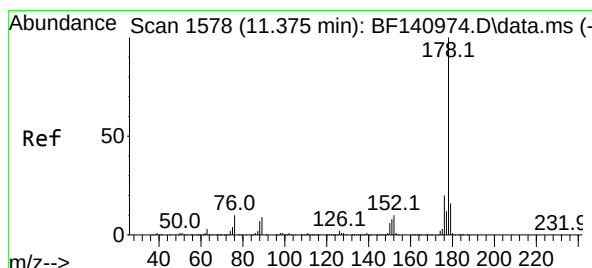
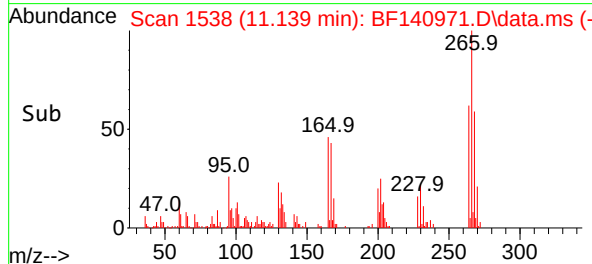
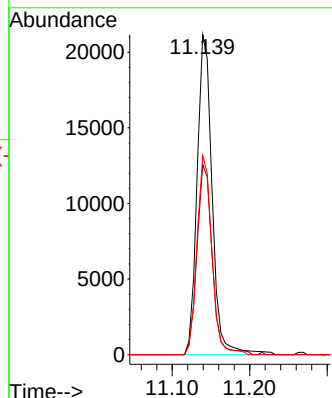
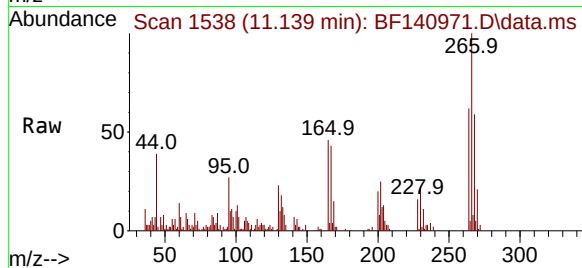
Tgt Ion:266 Resp: 28530

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

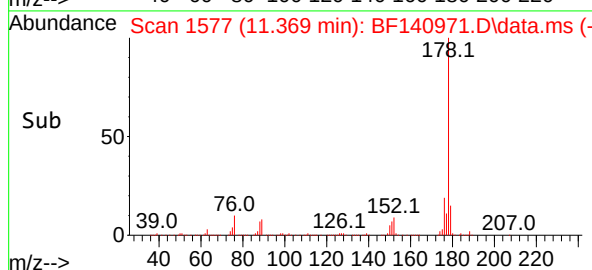
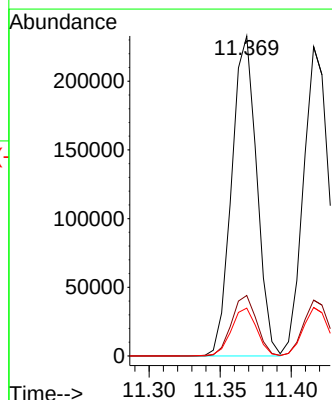
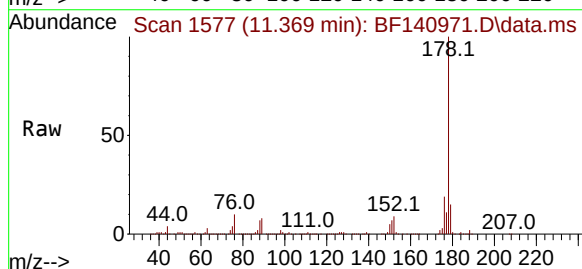
Tgt Ion:178 Resp: 286441

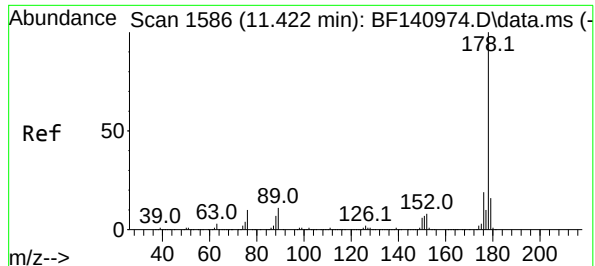
Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

179 15.0 12.6 19.0

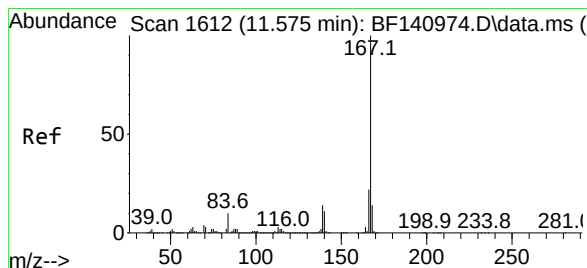
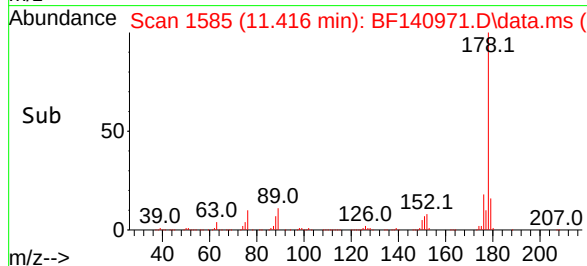
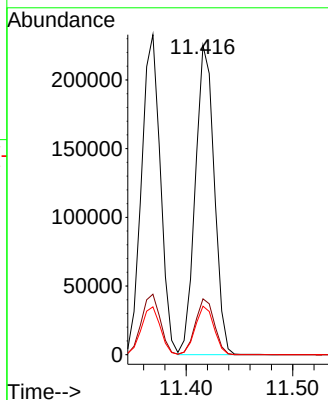
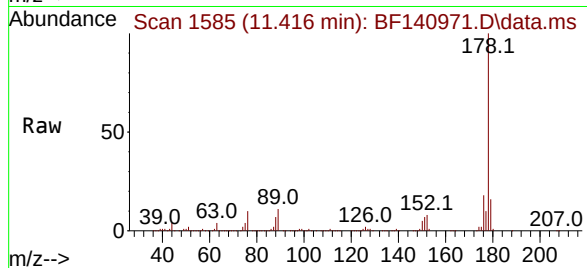




#72
Anthracene
Concen: 5.756 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

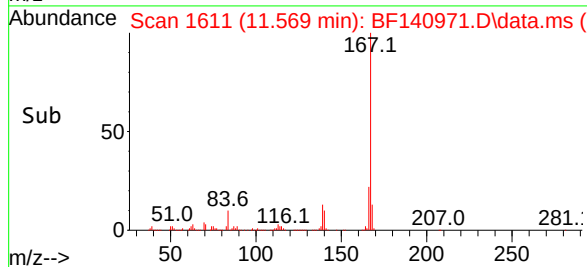
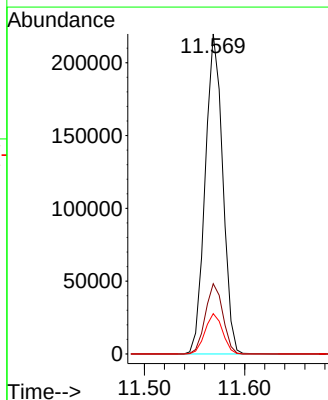
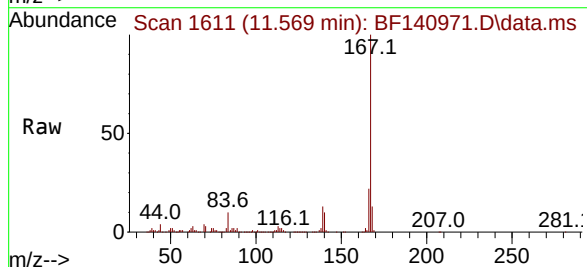
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

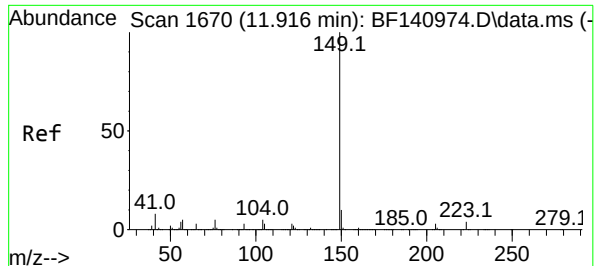
Tgt Ion:178 Resp: 278610
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.7 12.9 19.3



#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

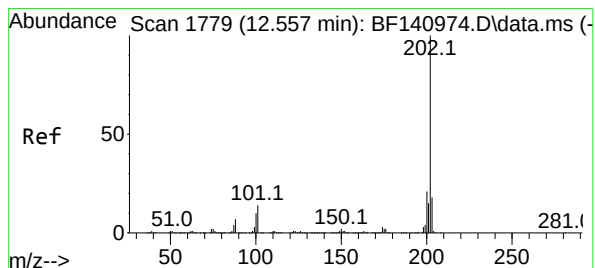
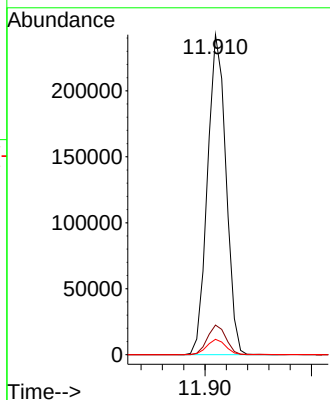
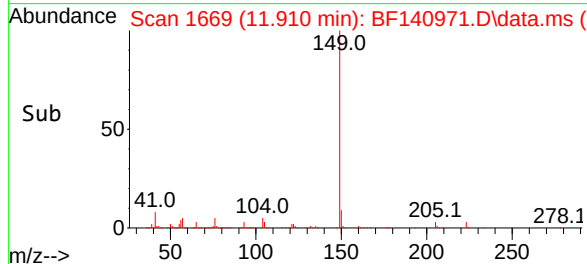
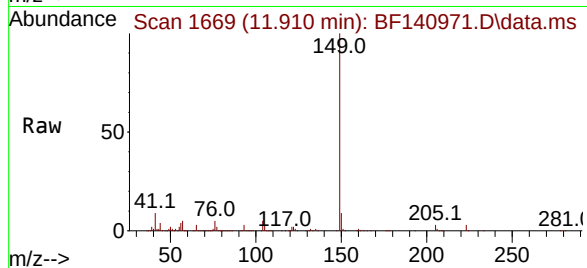




#74
Di-n-butylphthalate
Concen: 5.532 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

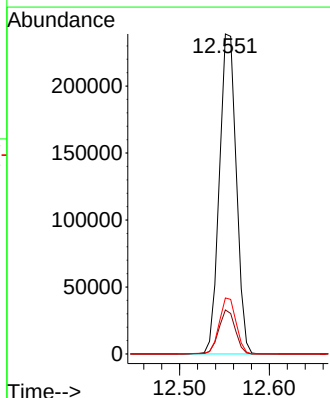
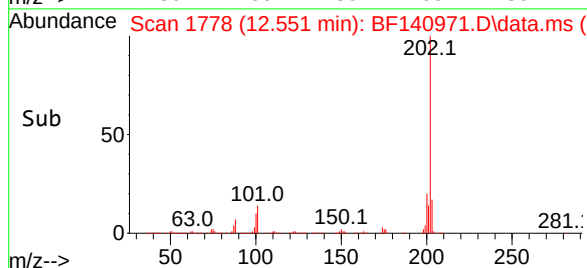
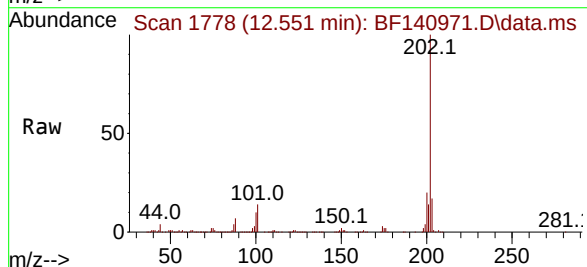
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

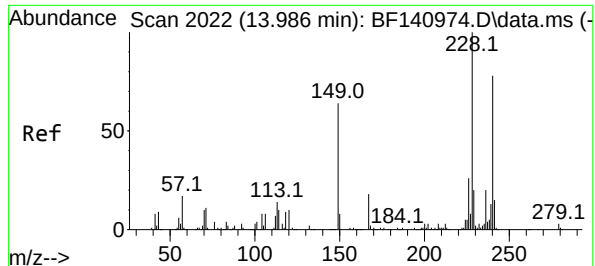
Tgt Ion:149 Resp: 292755
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.8 4.1 6.1



#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

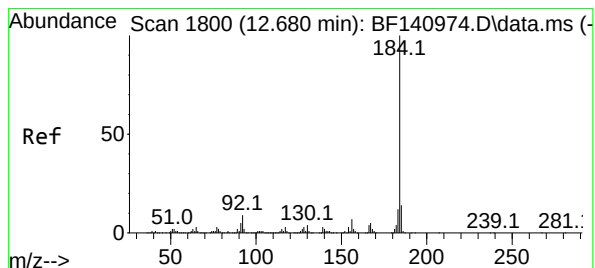
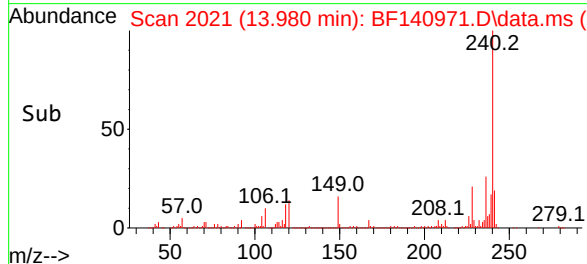
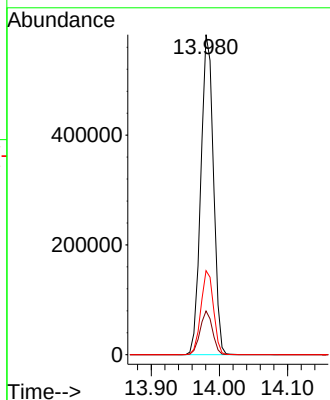
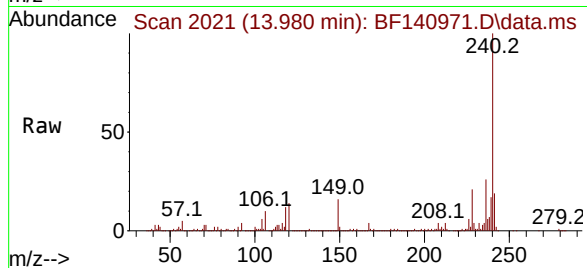




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

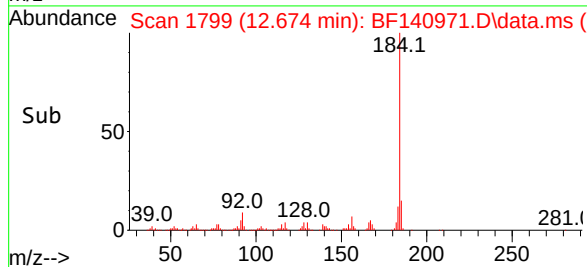
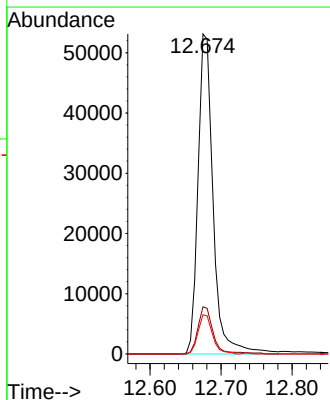
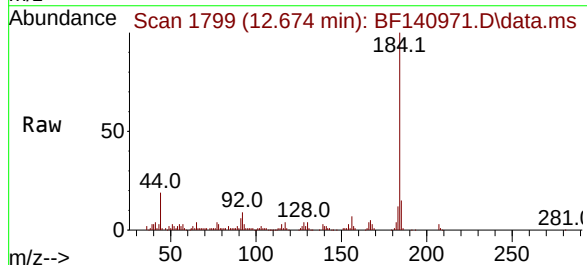
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

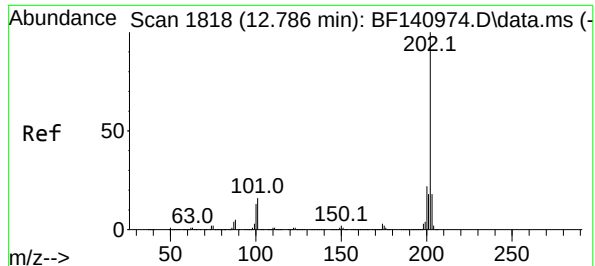
Tgt Ion:240 Resp: 749775
Ion Ratio Lower Upper
240 100
120 13.7 10.7 16.1
236 26.3 20.6 31.0



#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

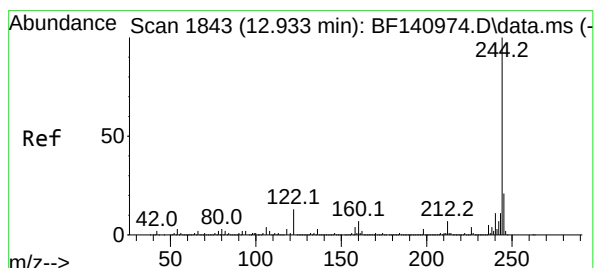
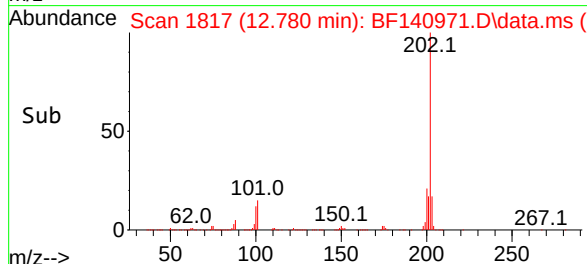
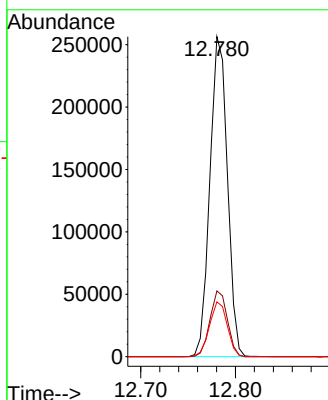
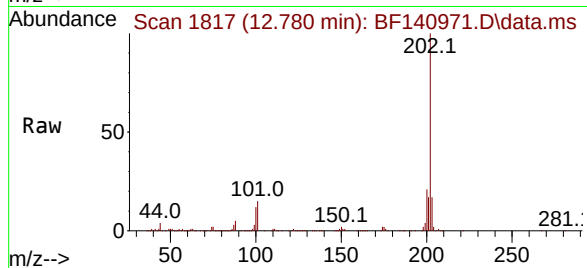




#78
Pyrene
Concen: 5.014 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

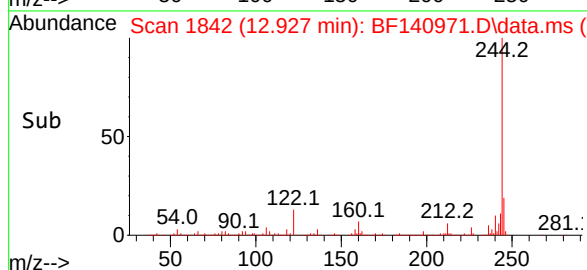
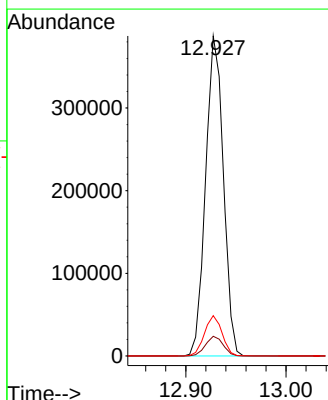
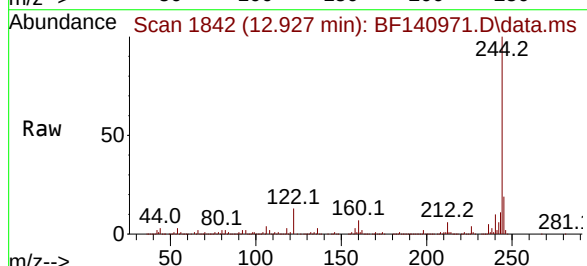
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

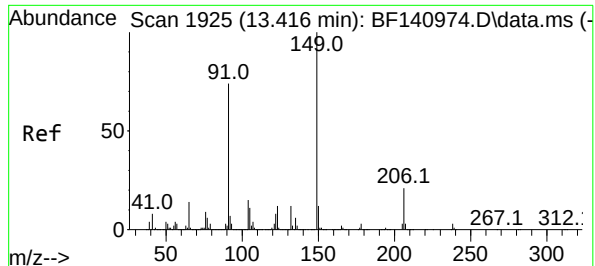
Tgt Ion:202 Resp: 328787
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 17.2 14.6 21.8



#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

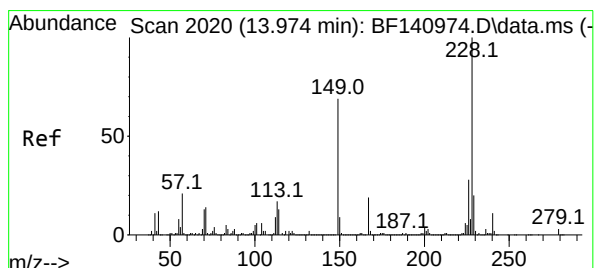
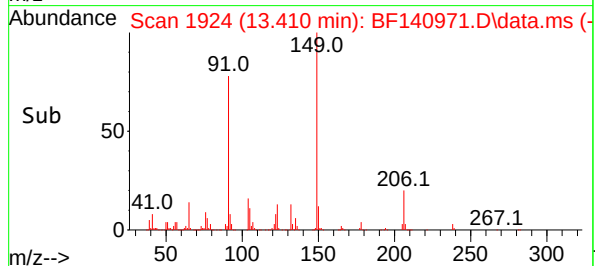
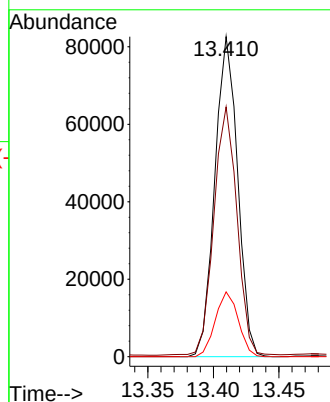
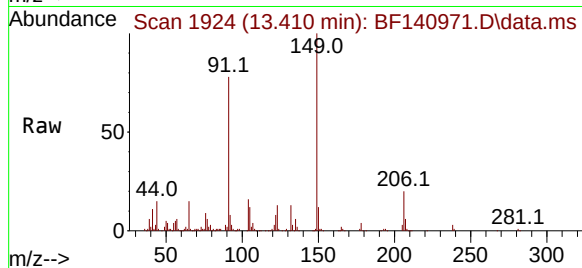




#80
Butylbenzylphthalate
Concen: 4.162 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

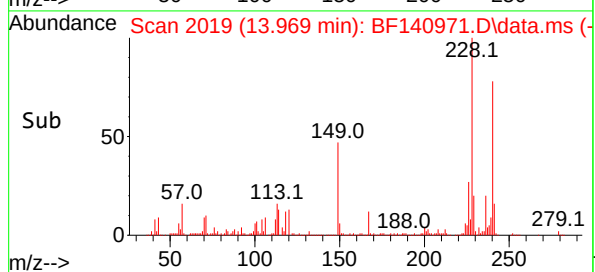
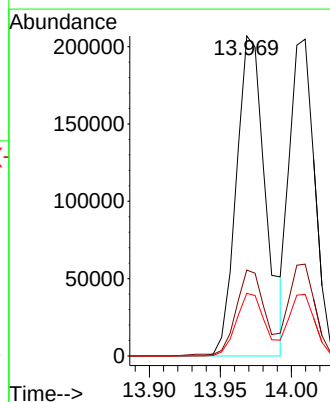
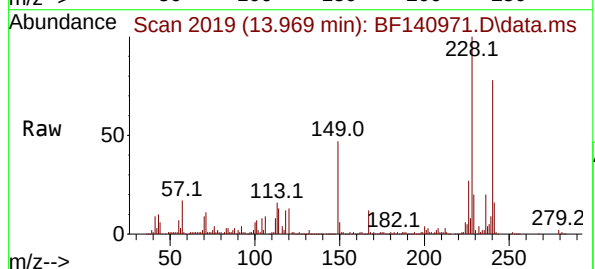
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

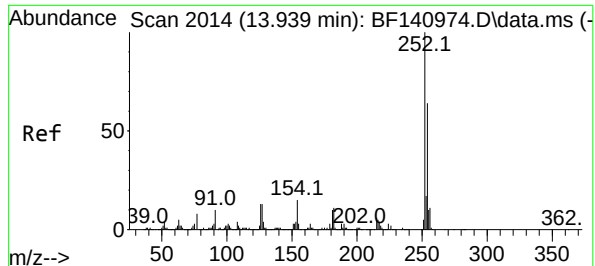
Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.1	59.5	89.3
206	20.3	17.1	25.7



#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

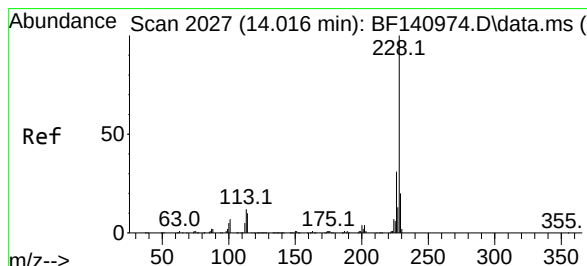
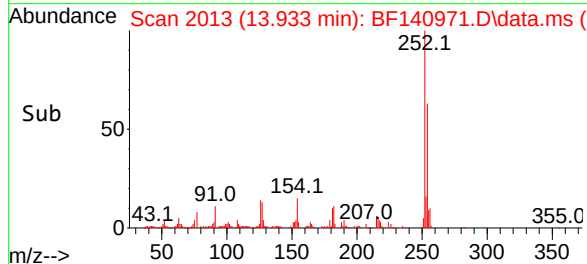
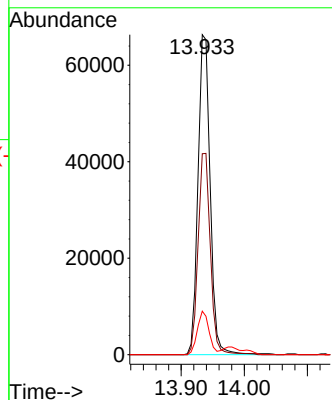
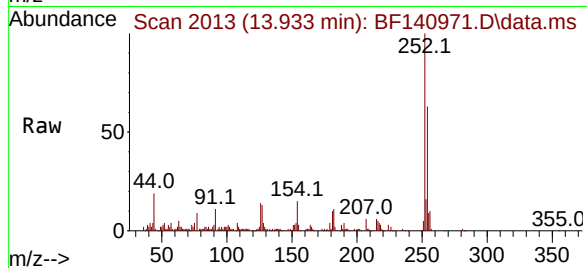
Tgt Ion:252 Resp: 88822

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

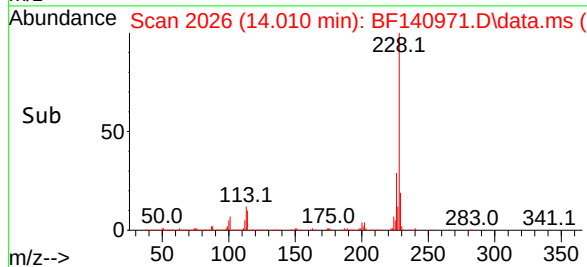
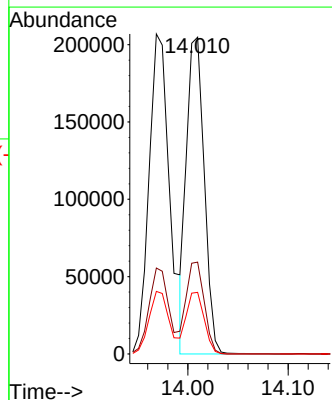
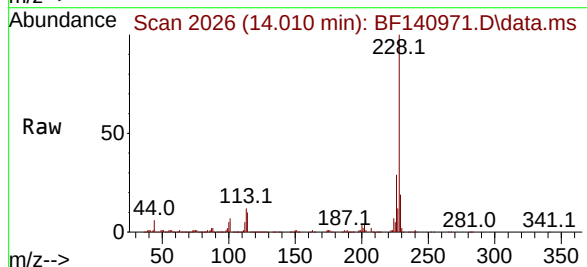
Tgt Ion:228 Resp: 251288

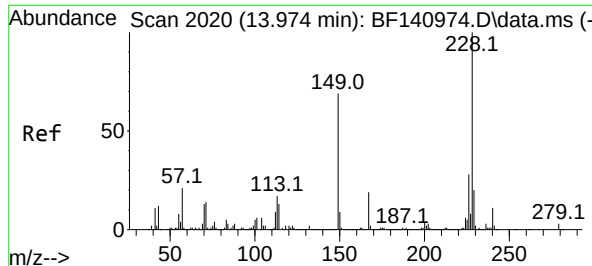
Ion Ratio Lower Upper

228 100

226 29.0 24.5 36.7

229 19.4 16.2 24.4

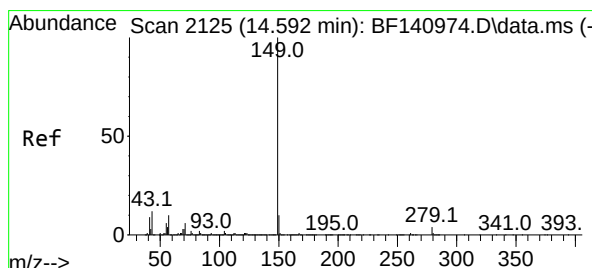
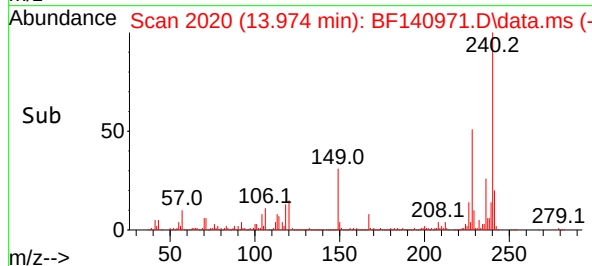
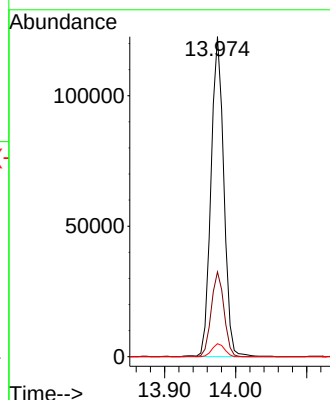
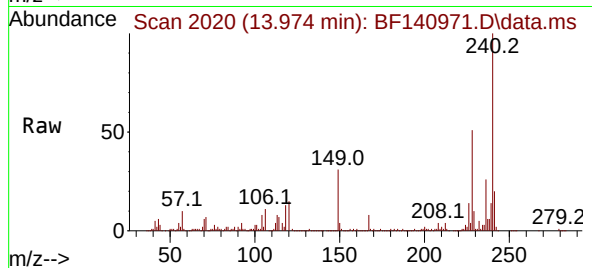




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.960 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

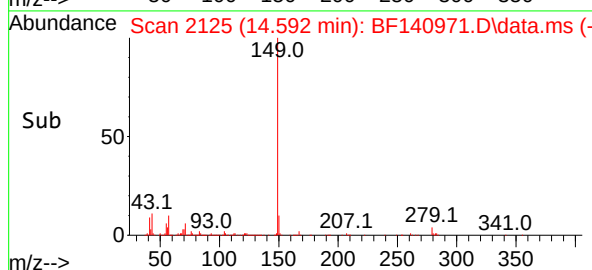
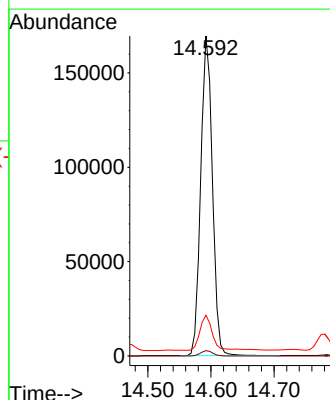
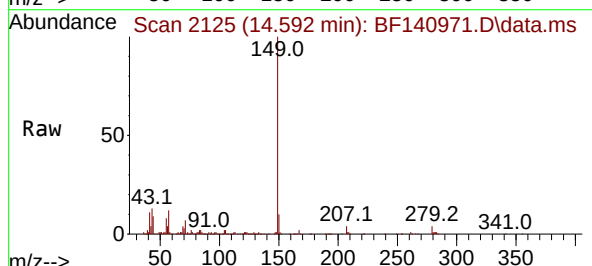
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

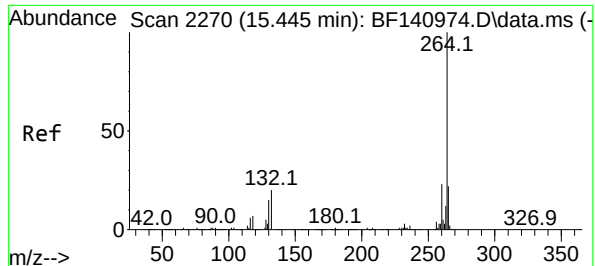
Tgt Ion:149 Resp: 154045
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 4.1 3.2 4.8



#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

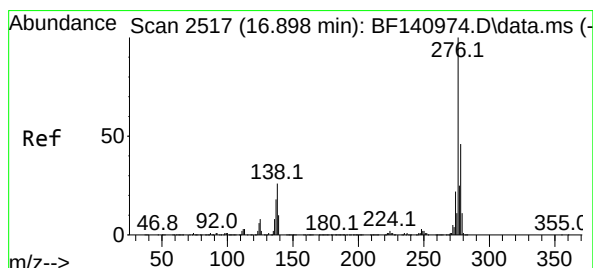
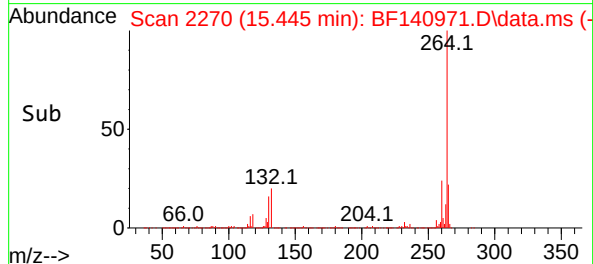
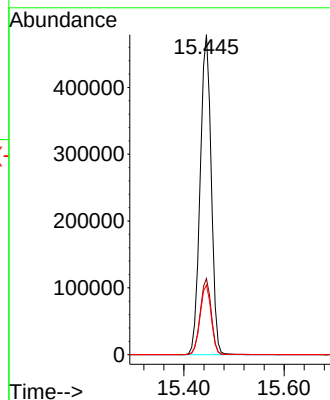
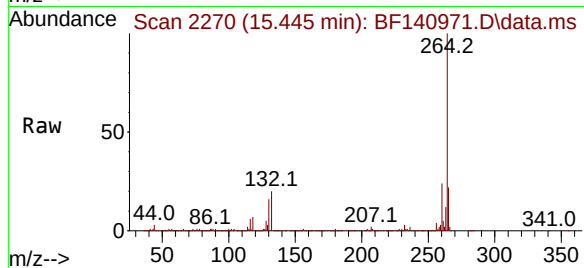




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

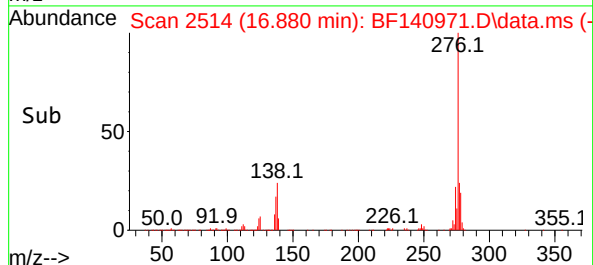
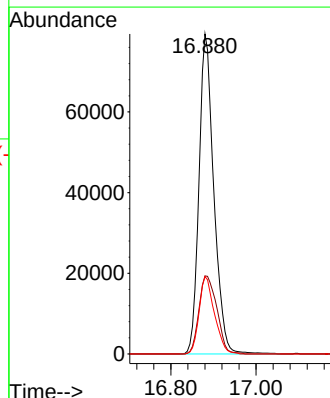
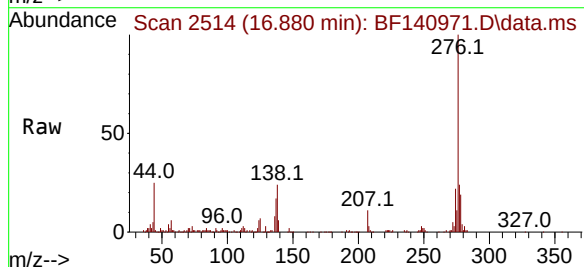
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

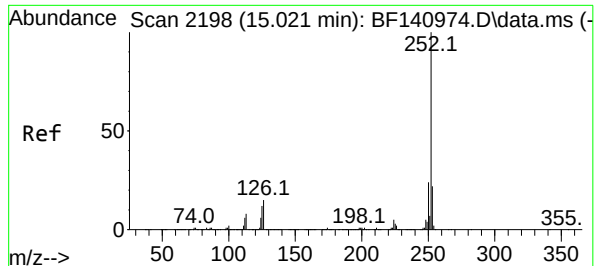
Tgt Ion:264 Resp: 730672
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.8 17.4 26.2



#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# 21

Delta R.T. -0.006 min

Lab File: BF140971.D

Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

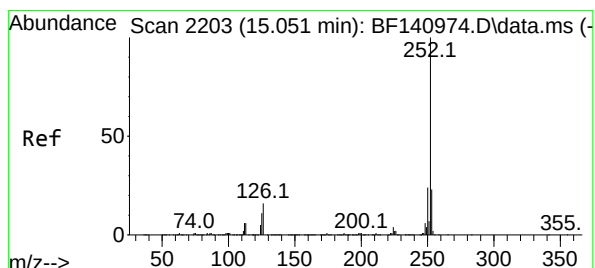
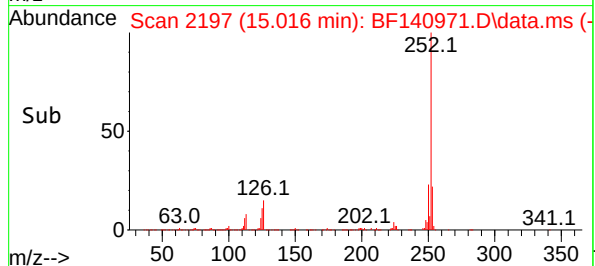
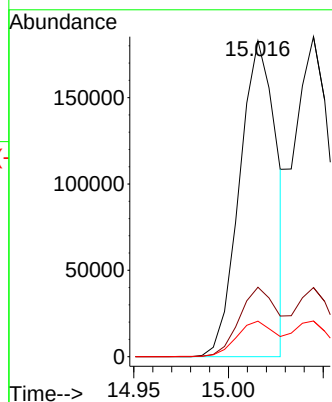
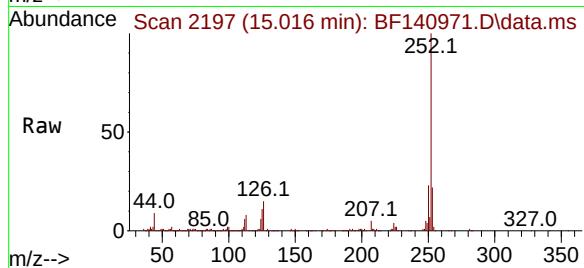
Tgt Ion:252 Resp: 248464

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

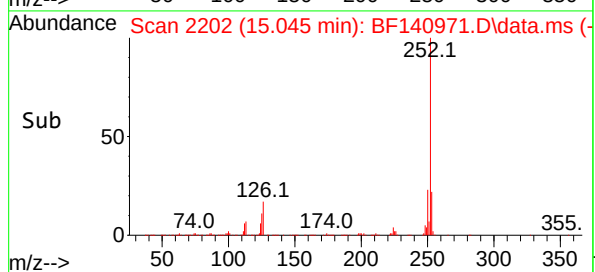
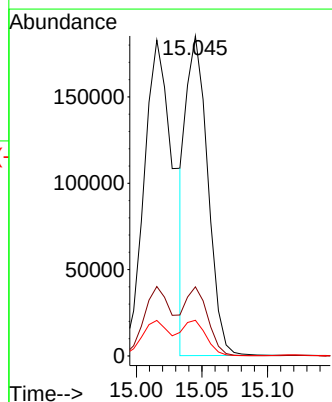
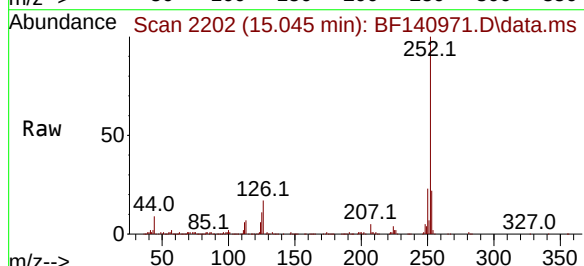
Tgt Ion:252 Resp: 212890

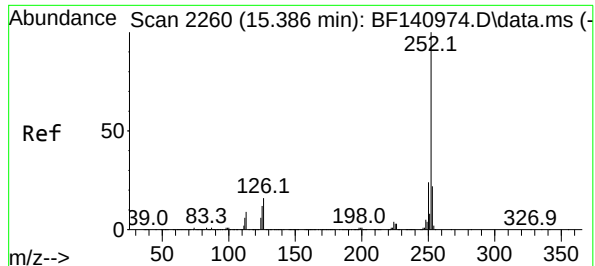
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 11.1 9.4 14.0

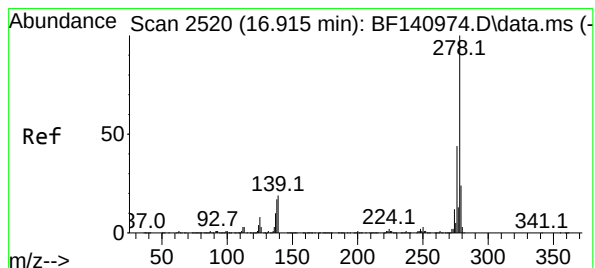
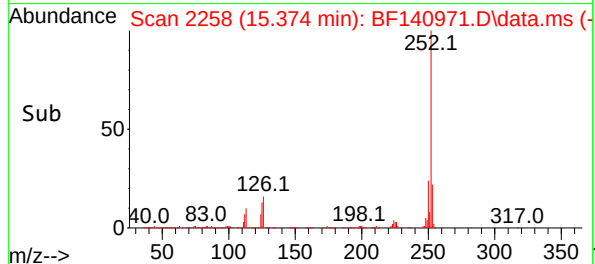
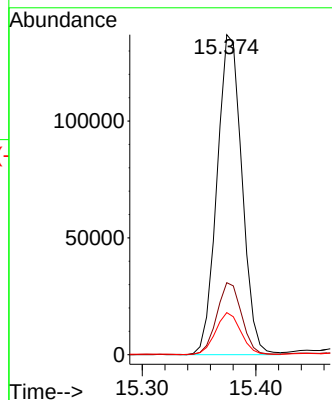
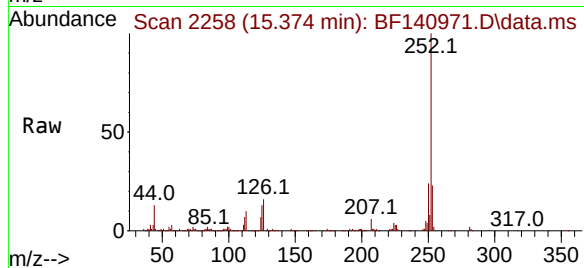




#90
Benzo(a)pyrene
Concen: 5.294 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140971.D
Acq: 26 Dec 2024 16:49

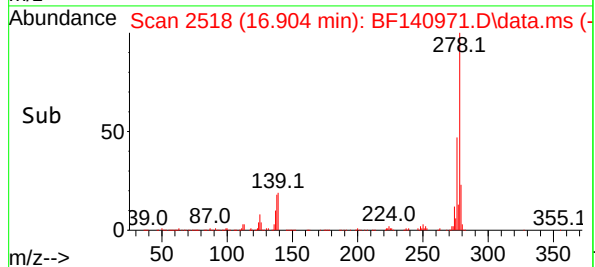
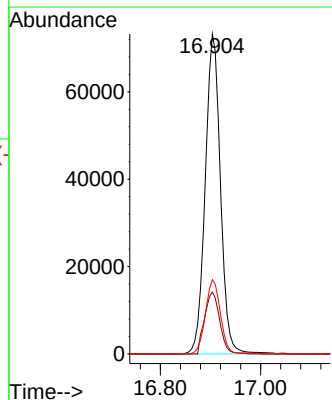
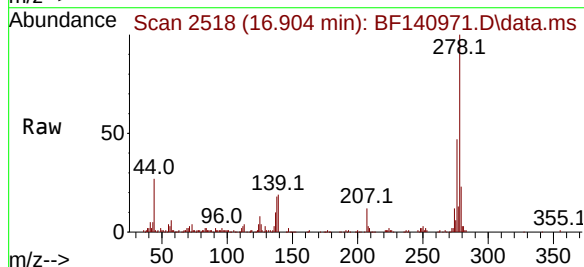
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

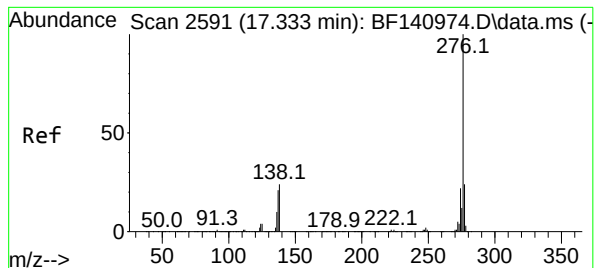
Tgt Ion:252 Resp: 209418
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 13.1 9.8 14.8



#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

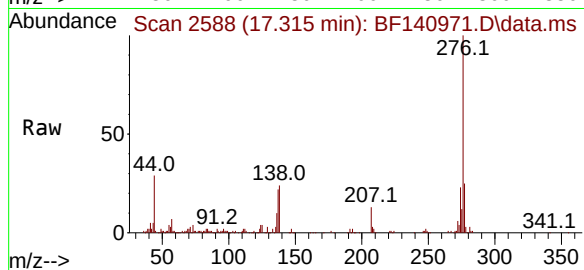
Acq: 26 Dec 2024 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



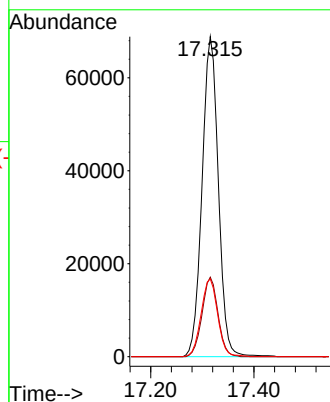
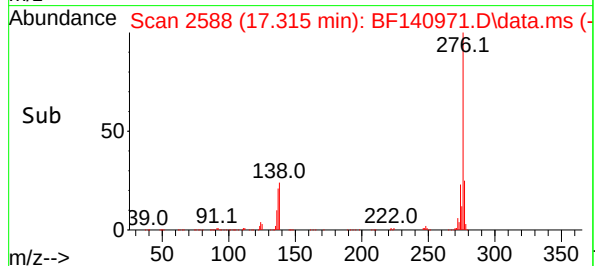
Tgt Ion:276 Resp: 150669

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

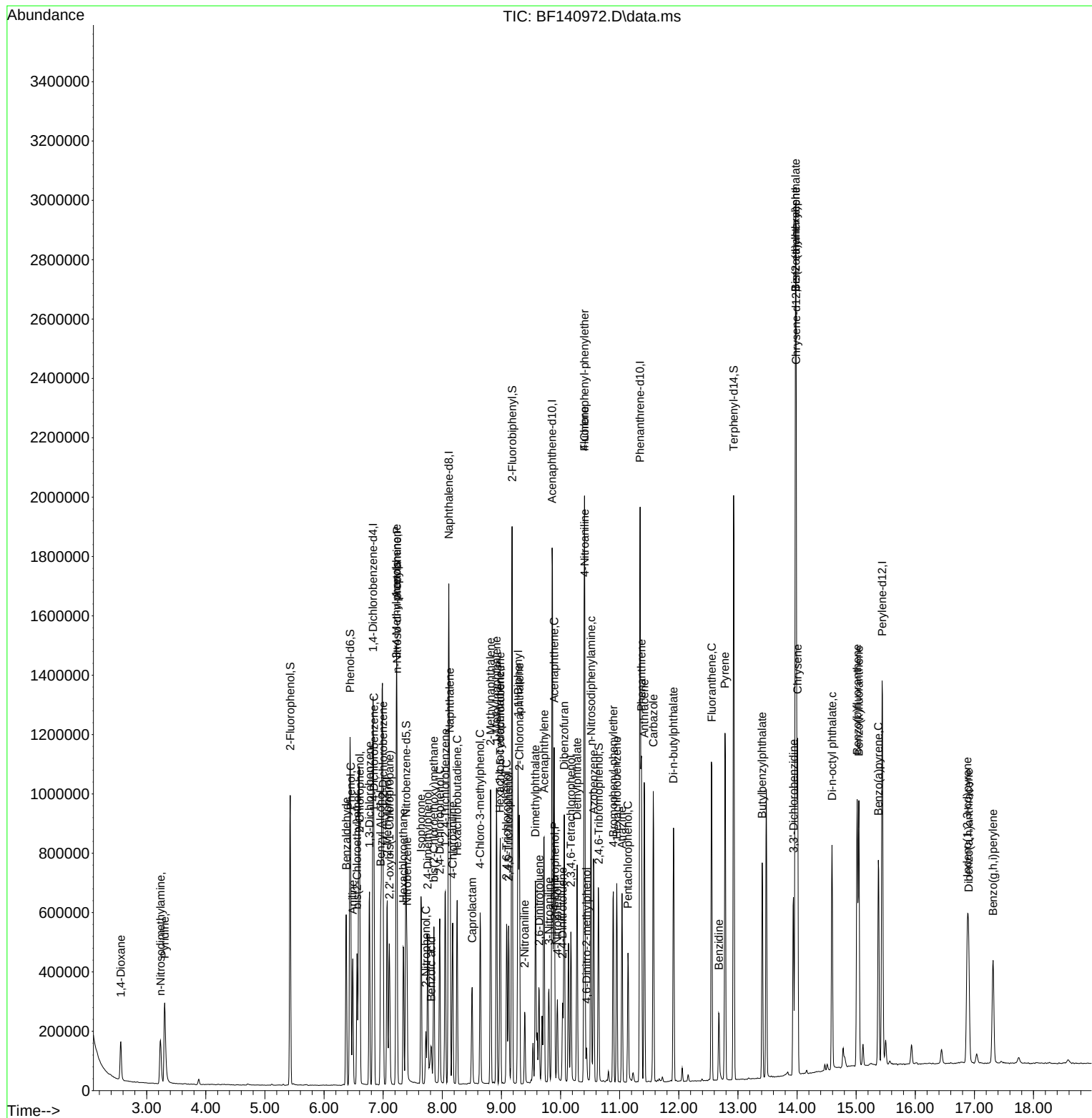
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	104859	10.371	ng	99
46) 1,1'-Biphenyl	9.281	154	457591	11.074	ng	99
47) 2-Chloronaphthalene	9.304	162	348834	10.884	ng	98
48) 2-Nitroaniline	9.392	65	49140	9.938	ng	99
49) Acenaphthylene	9.722	152	504423	10.933	ng	99
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

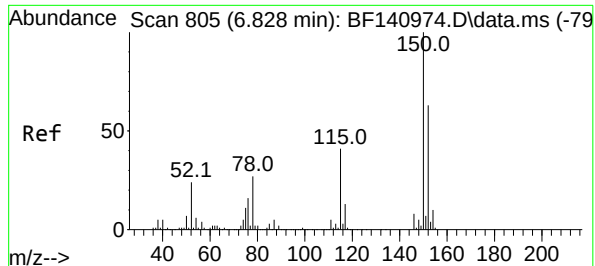
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

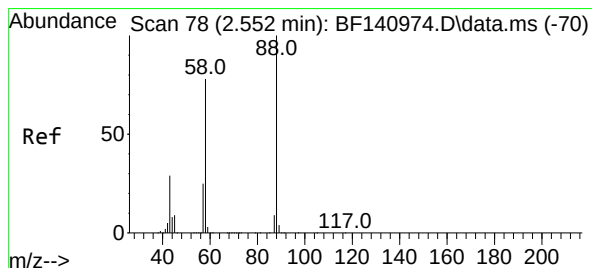
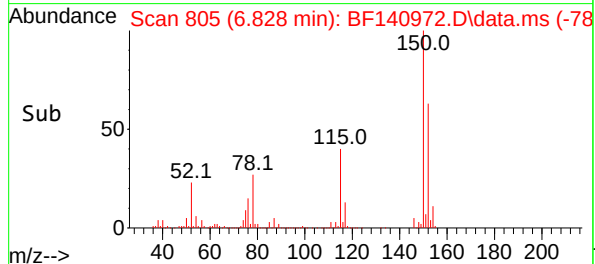
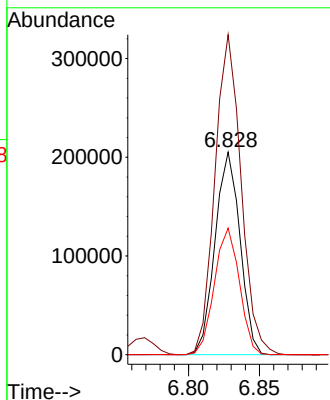
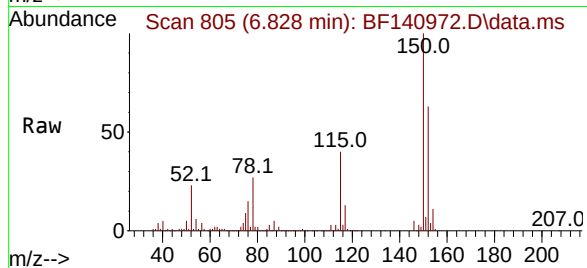




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

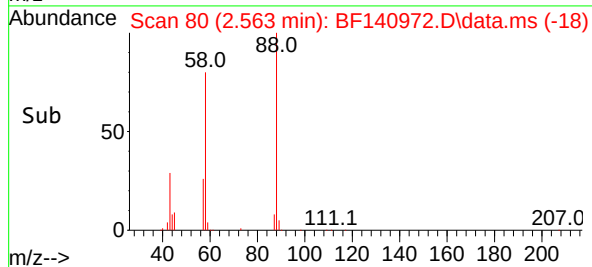
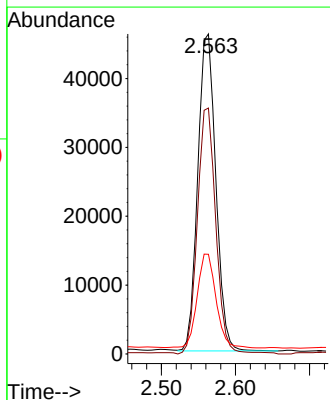
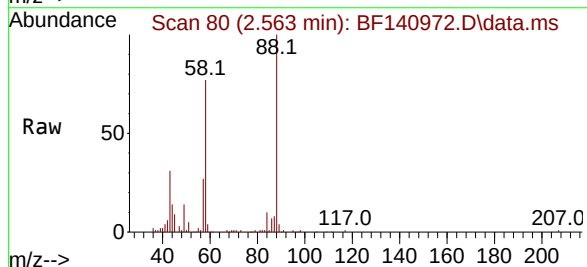
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

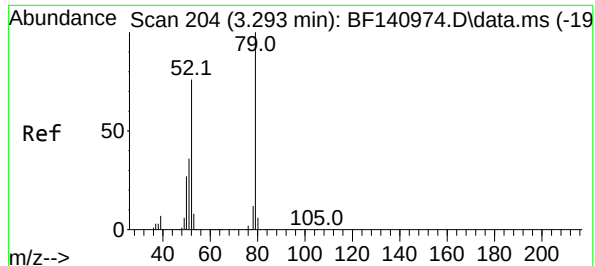
Tgt Ion:152 Resp: 251125
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 62.5 51.7 77.5



#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

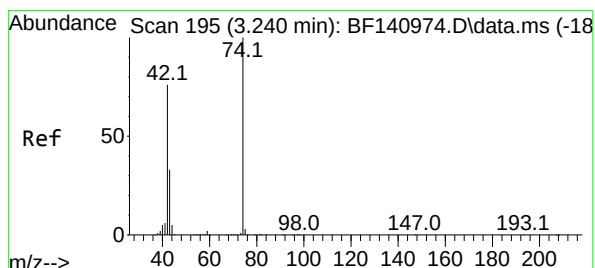
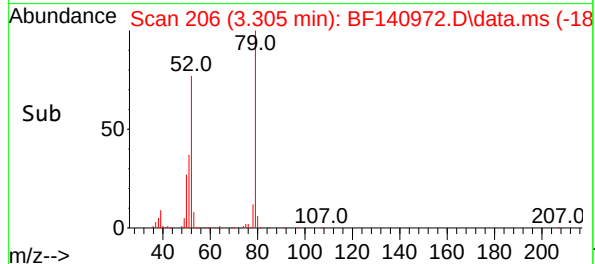
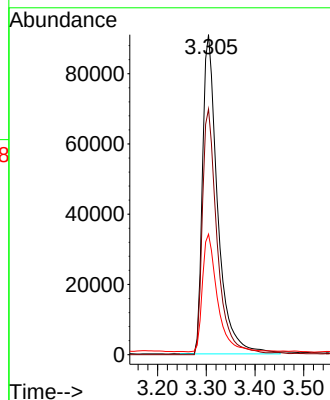
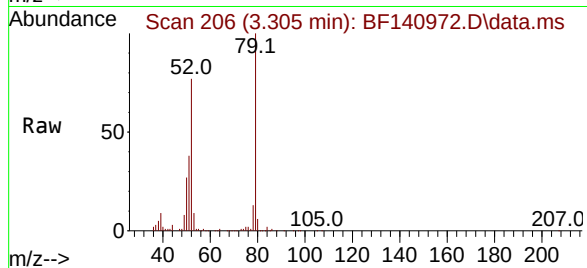
Tgt Ion: 79 Resp: 196202

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

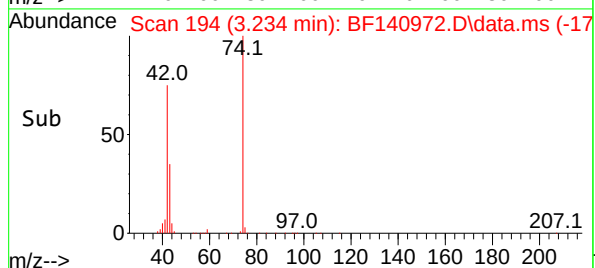
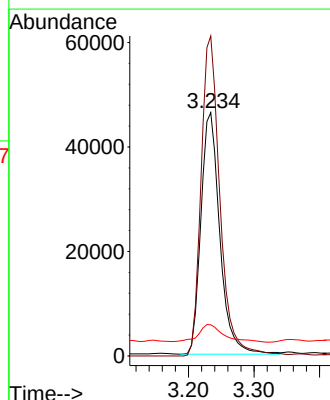
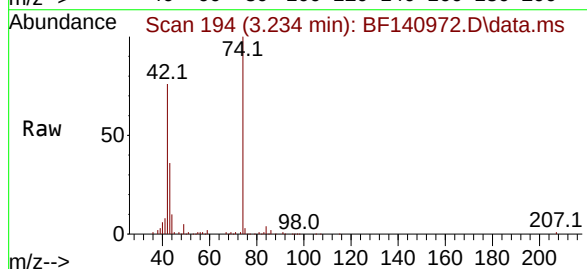
Tgt Ion: 42 Resp: 92623

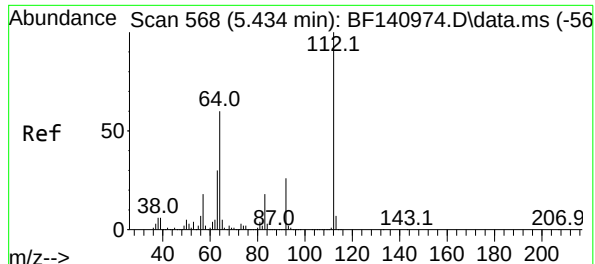
Ion Ratio Lower Upper

42 100

74 131.5 105.8 158.6

44 12.8 6.6 10.0#

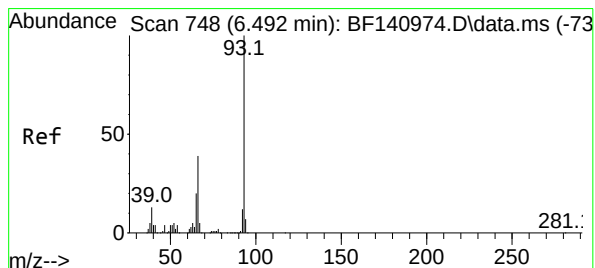
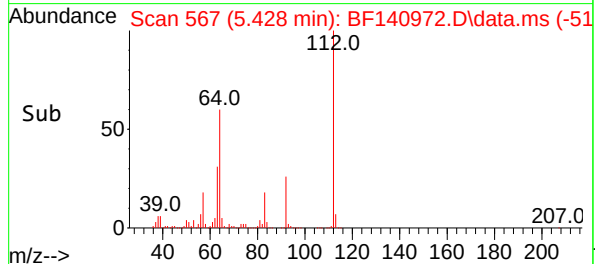
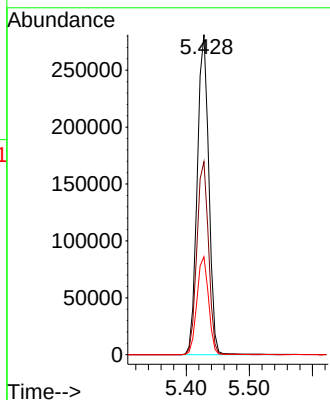
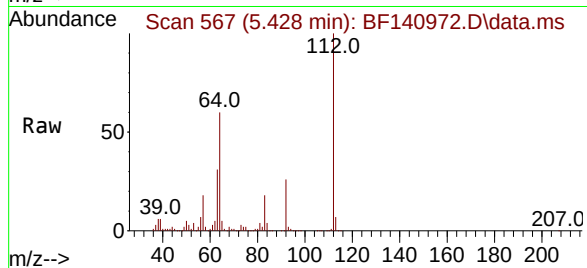




#5
2-Fluorophenol
Concen: 21.439 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

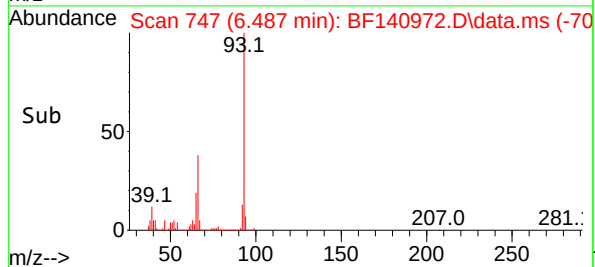
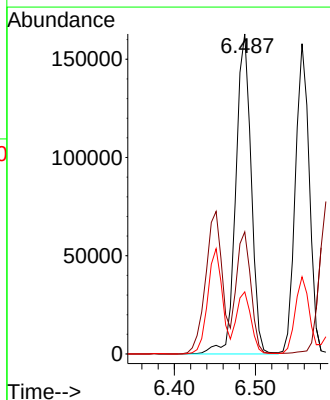
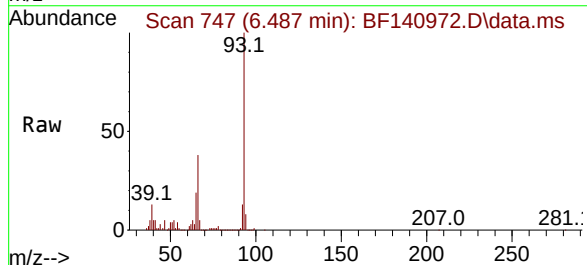
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

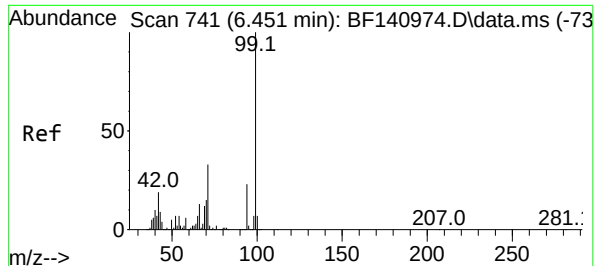
Tgt Ion:112 Resp: 357171
Ion Ratio Lower Upper
112 100
64 60.3 47.7 71.5
63 30.6 24.2 36.2



#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

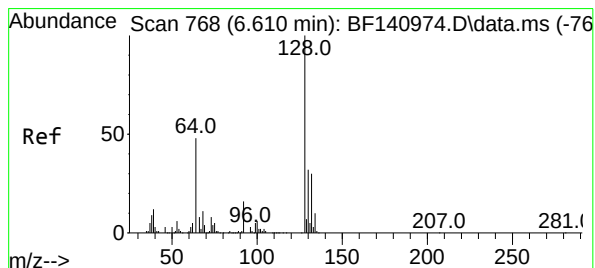
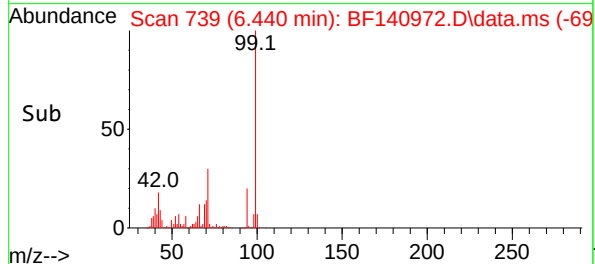
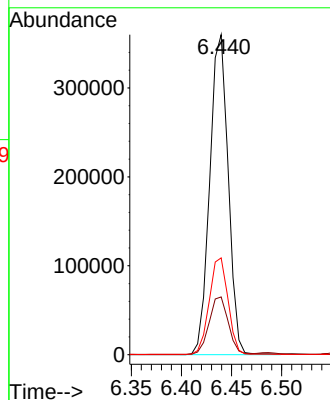
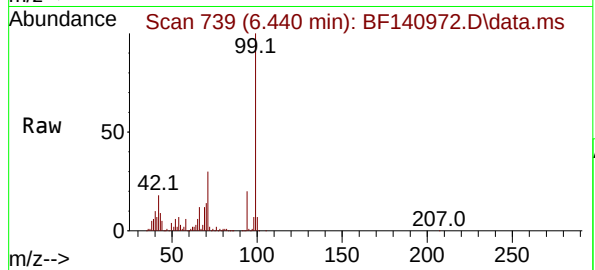




#7
Phenol-d6
Concen: 21.514 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

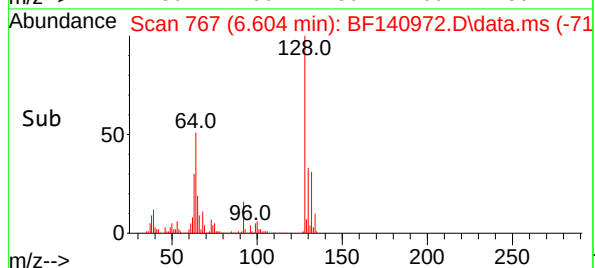
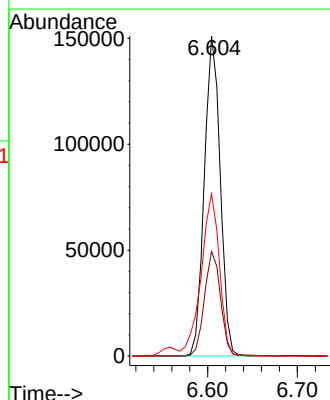
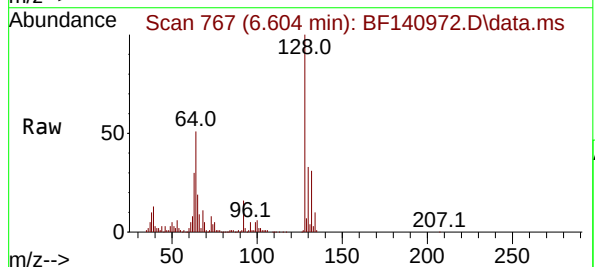
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

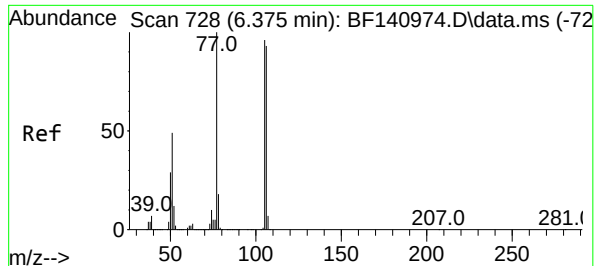
Tgt Ion: 99 Resp: 461726
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 30.2 26.2 39.2



#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 :

SSTDICC010

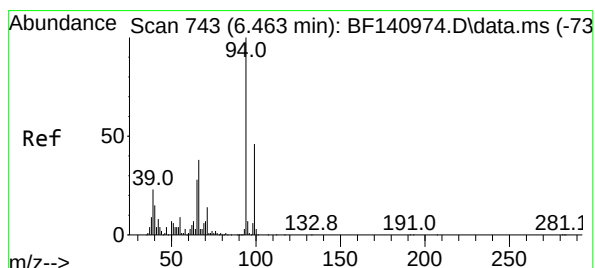
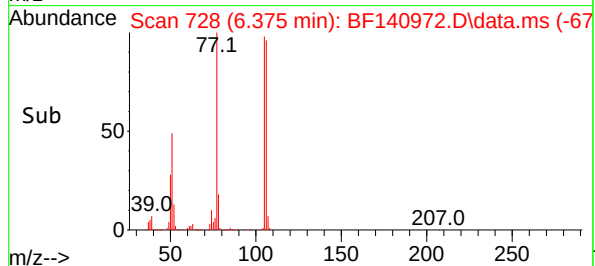
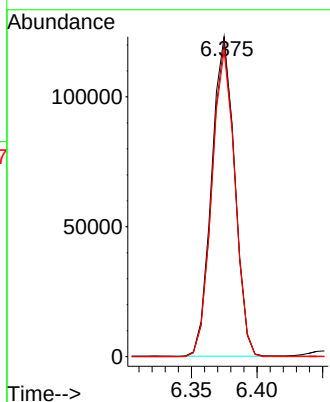
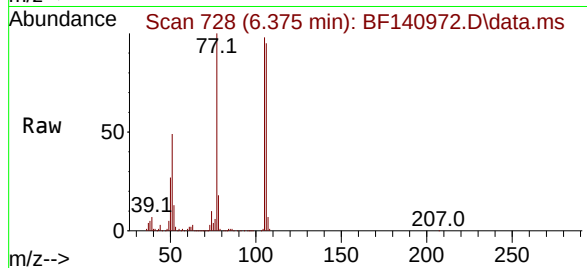
Tgt Ion: 77 Resp: 149809

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

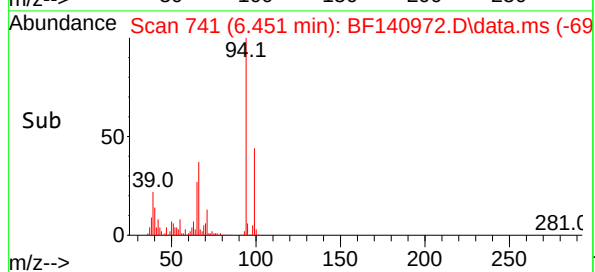
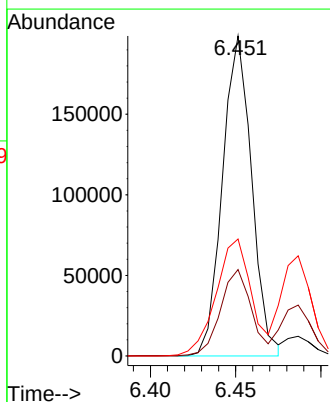
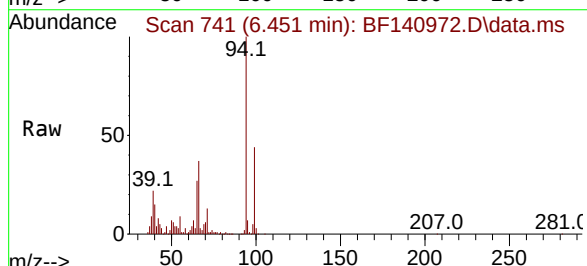
Tgt Ion: 94 Resp: 236093

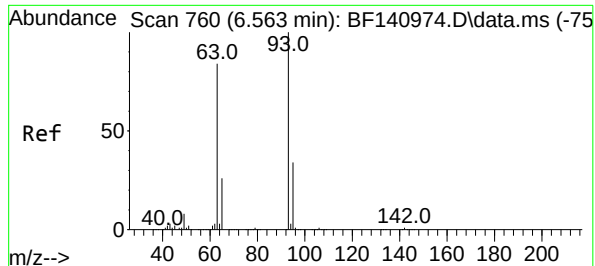
Ion Ratio Lower Upper

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

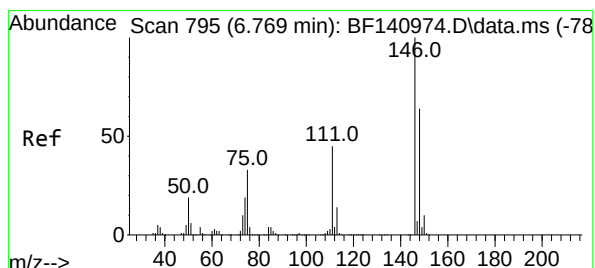
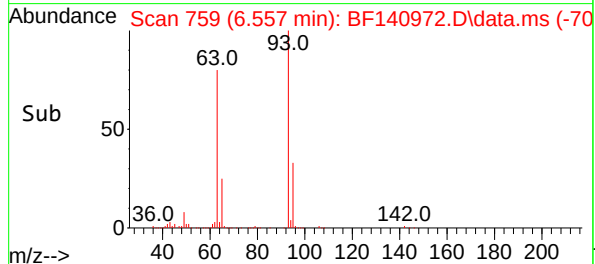
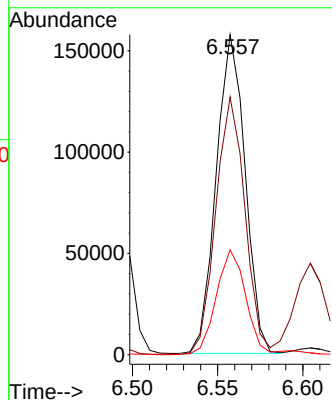
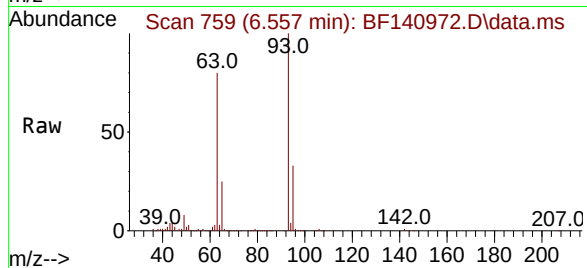
Tgt Ion: 93 Resp: 185749

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

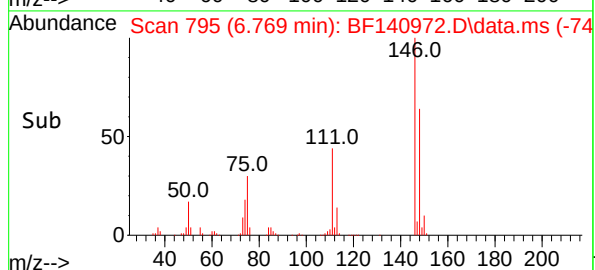
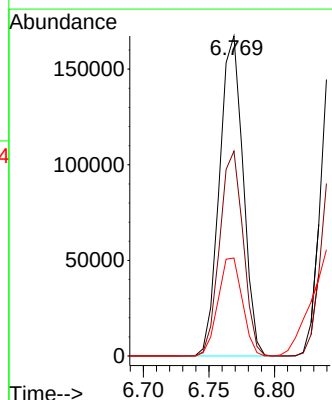
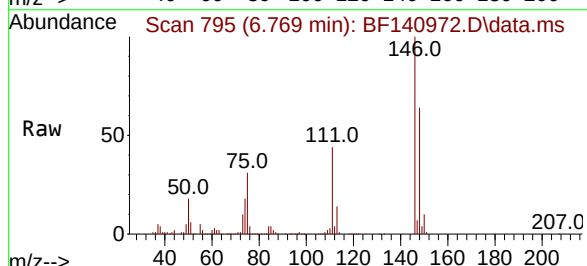
Tgt Ion:146 Resp: 209098

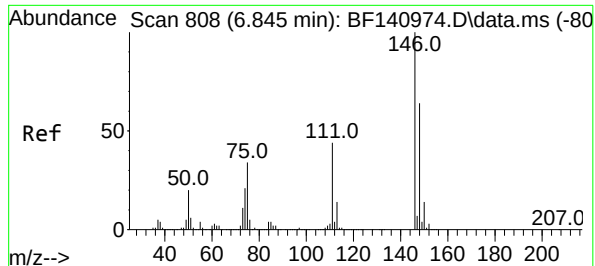
Ion Ratio Lower Upper

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 :

SSTDICC010

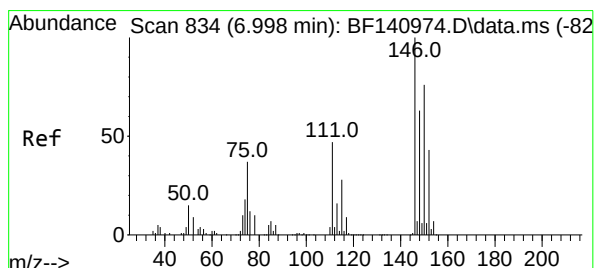
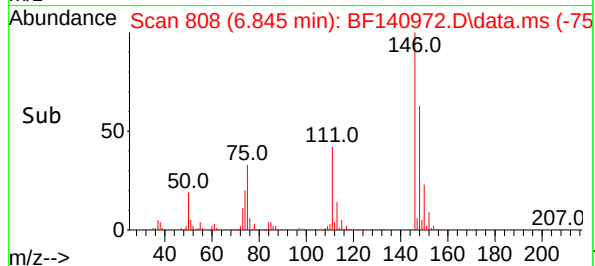
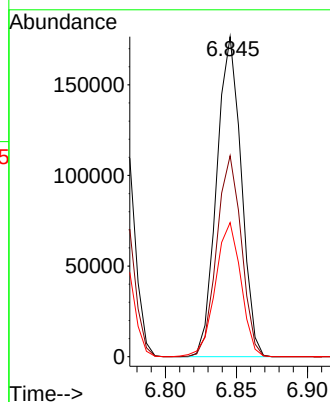
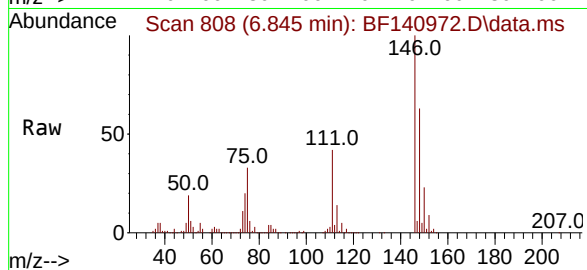
Tgt Ion:146 Resp: 212166

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

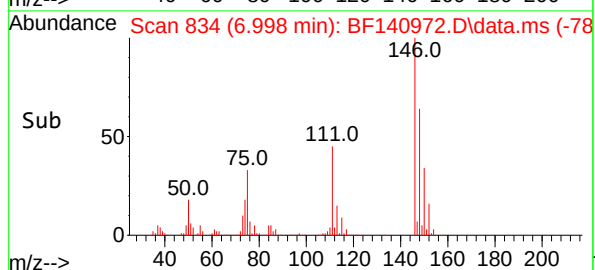
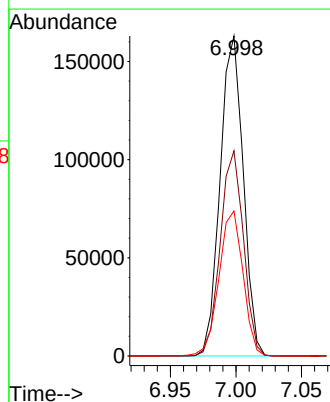
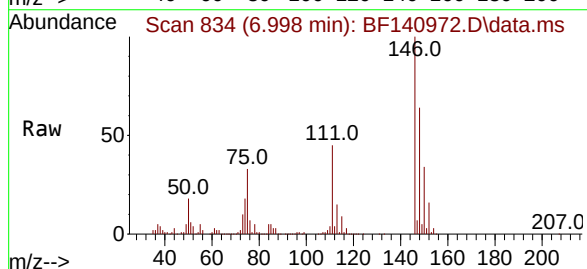
Tgt Ion:146 Resp: 199494

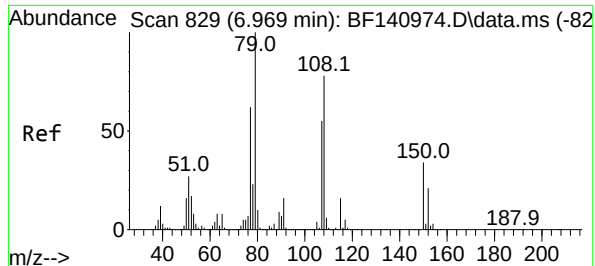
Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

111 45.3 37.3 55.9

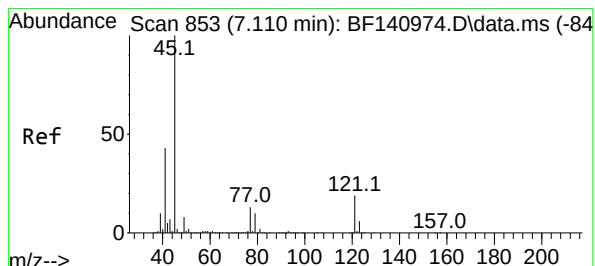
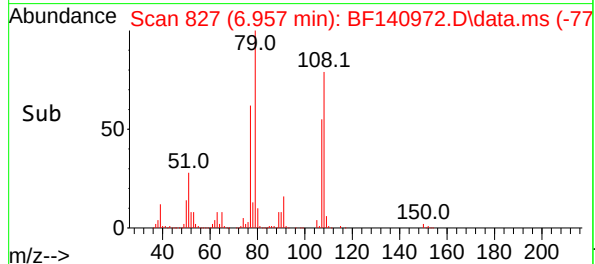
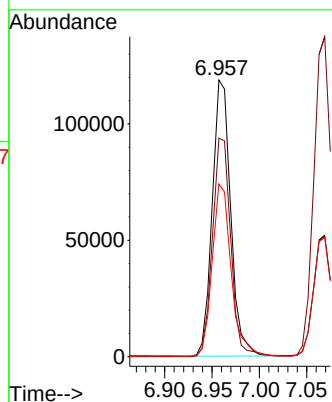
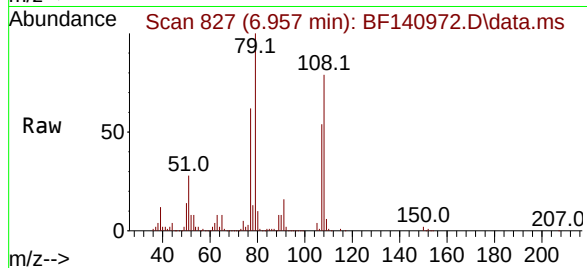




#15
Benzyl Alcohol
Concen: 10.383 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

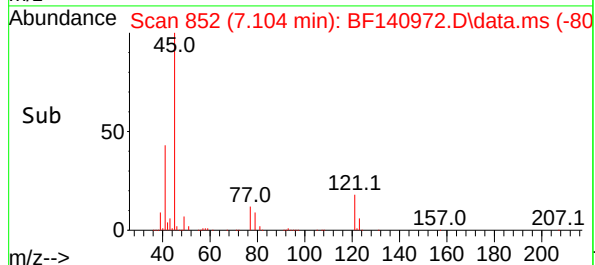
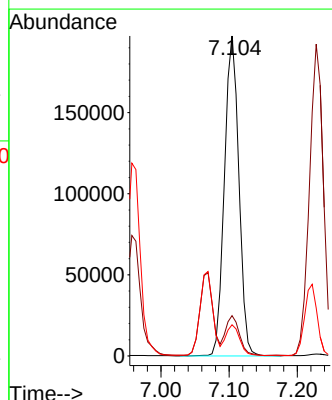
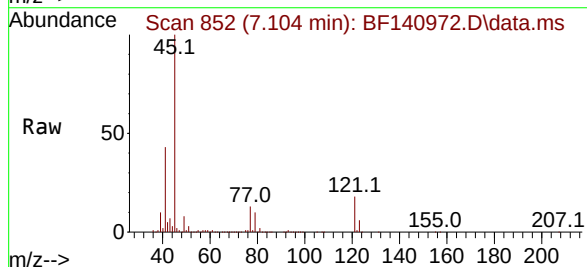
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

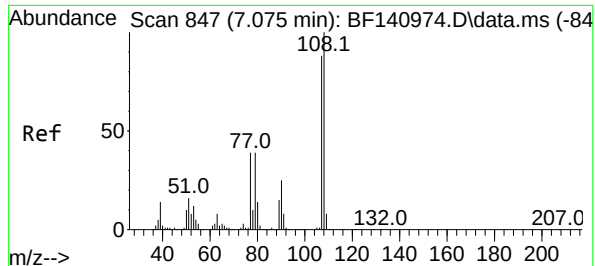
Tgt Ion: 79 Resp: 160122
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 62.5 49.3 73.9



#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

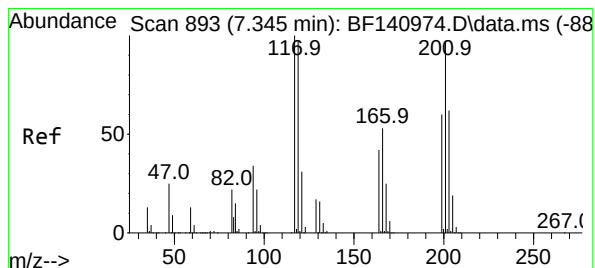
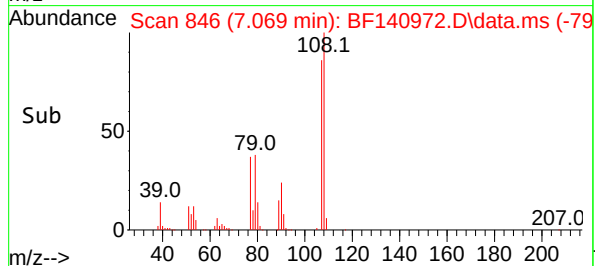
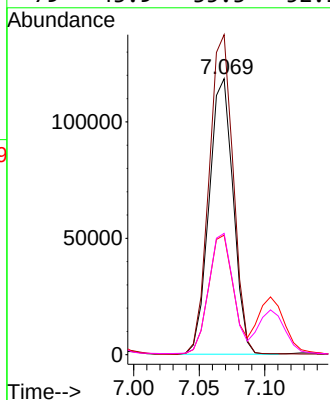
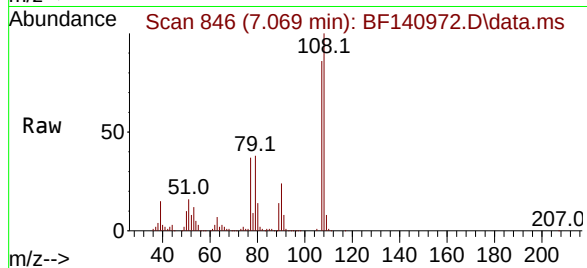




#17
2-Methylphenol
Concen: 10.393 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

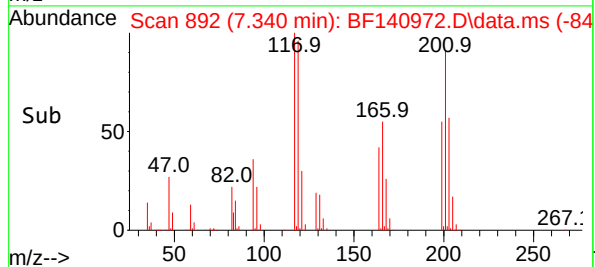
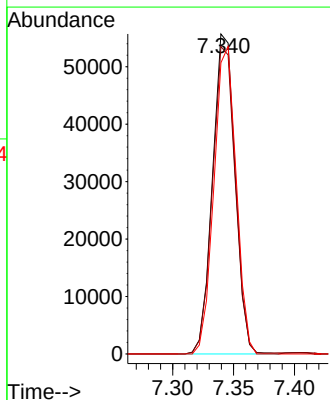
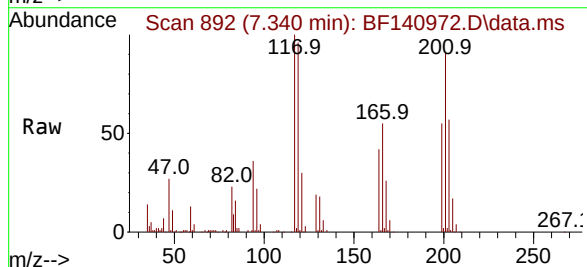
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

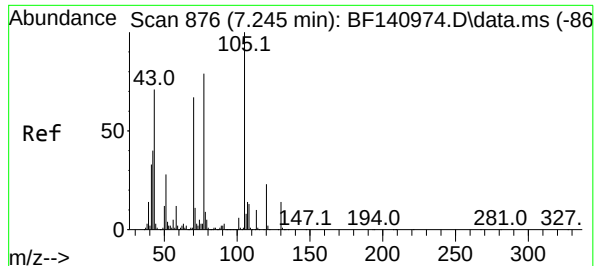
Tgt Ion:107 Resp: 151661
Ion Ratio Lower Upper
107 100
108 115.9 90.6 136.0
77 43.3 35.3 52.9
79 43.9 35.3 52.9



#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

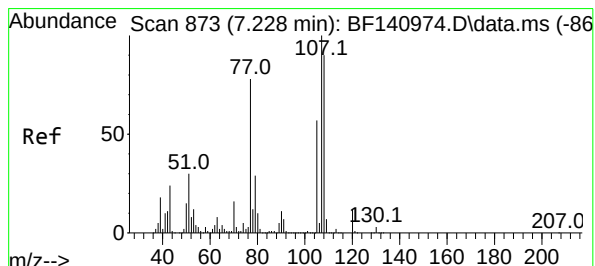
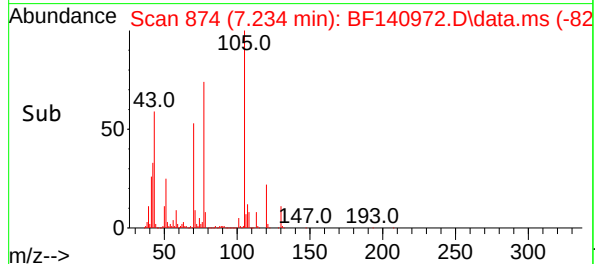
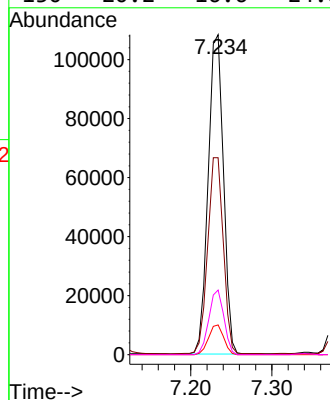
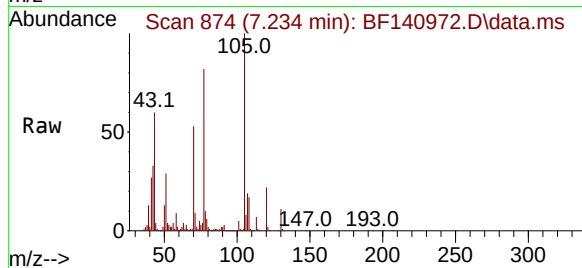
Ion Ratio Lower Upper

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

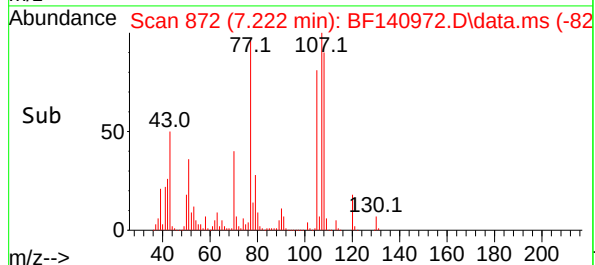
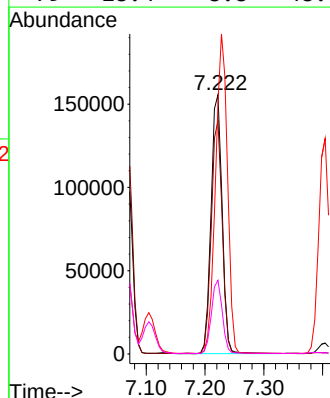
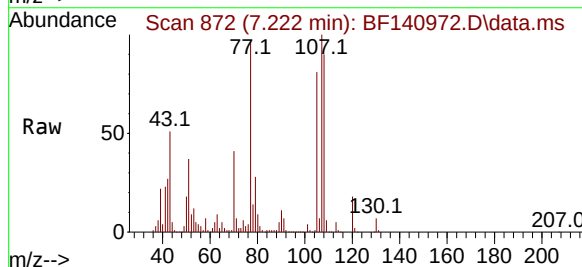
Ion Ratio Lower Upper

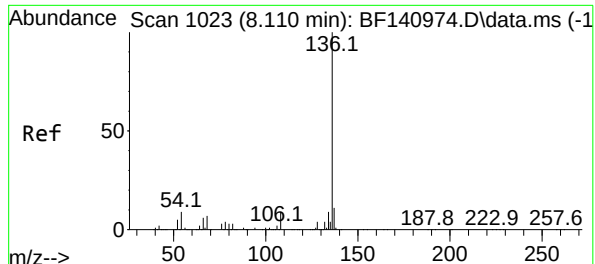
107 100

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# 1

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

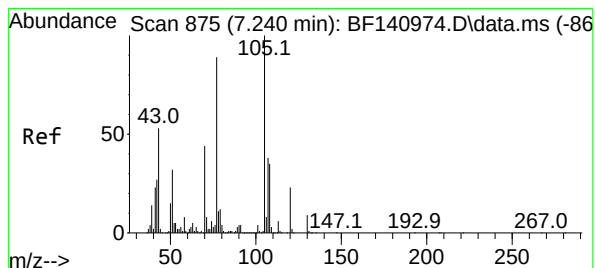
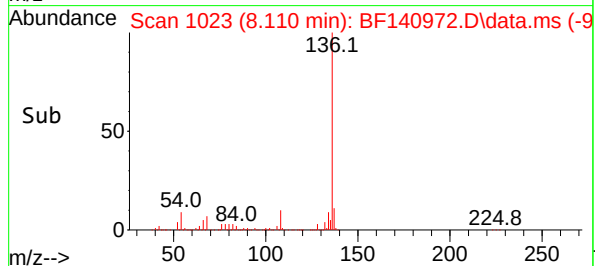
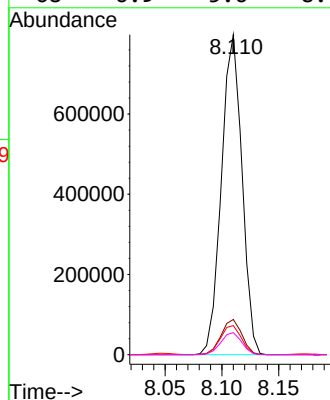
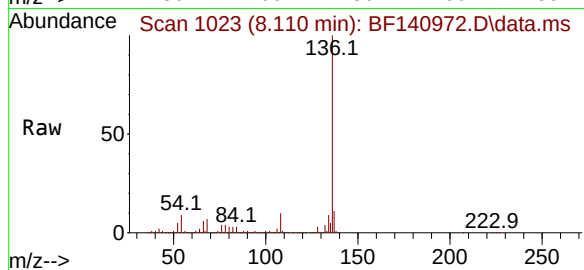
Ion Ratio Lower Upper

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

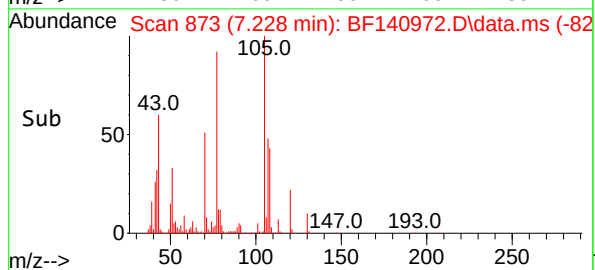
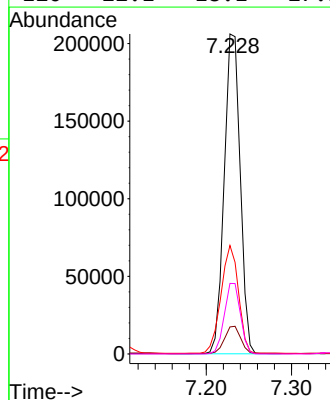
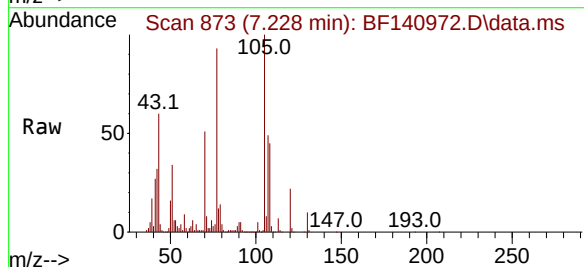
Ion Ratio Lower Upper

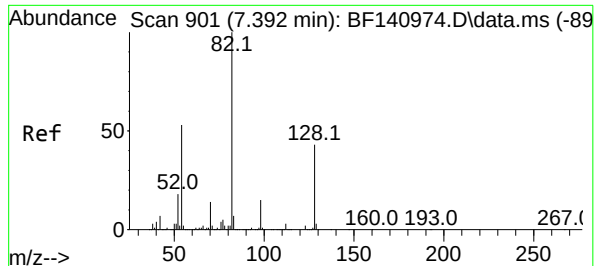
105 100

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

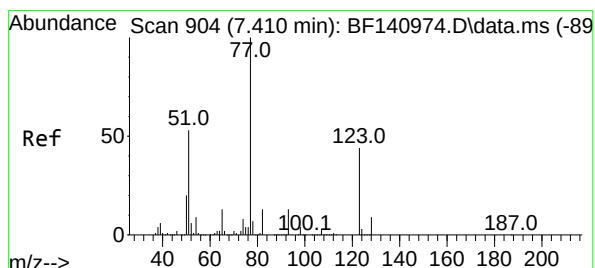
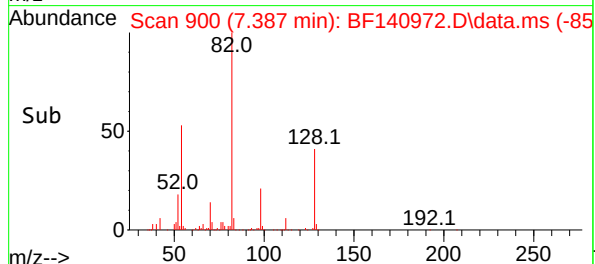
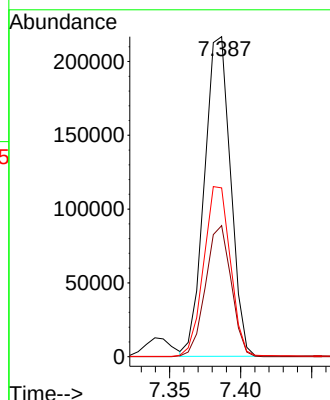
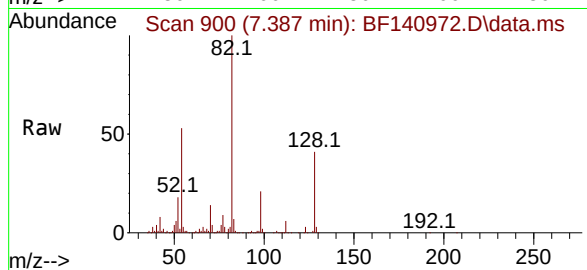
Tgt Ion: 82 Resp: 277918

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

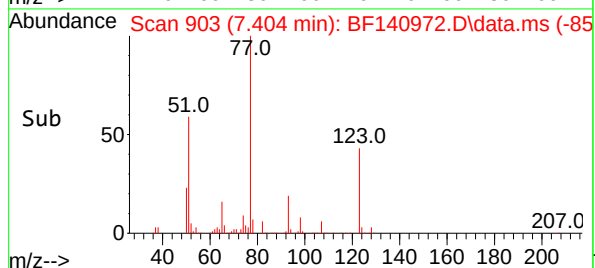
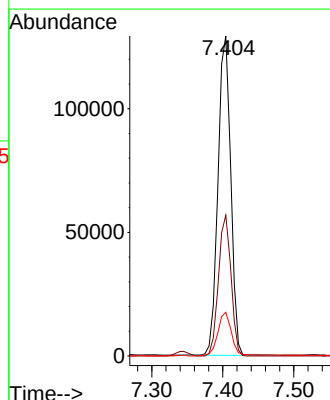
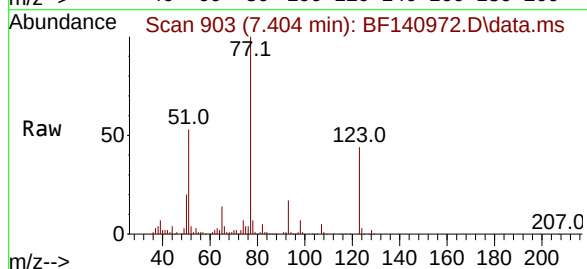
Tgt Ion: 77 Resp: 160105

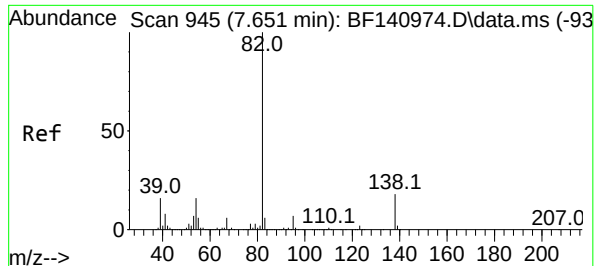
Ion Ratio Lower Upper

77 100

123 44.0 35.4 53.2

65 13.7 10.7 16.1

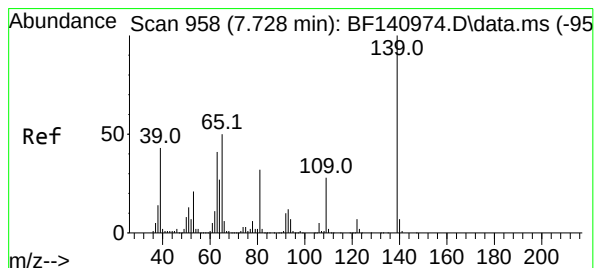
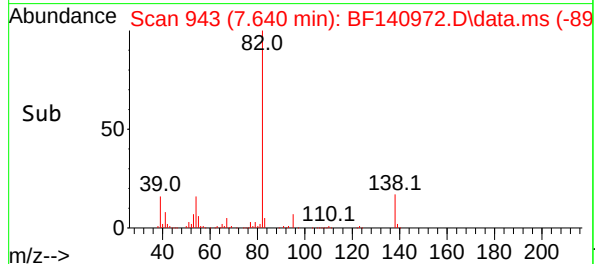
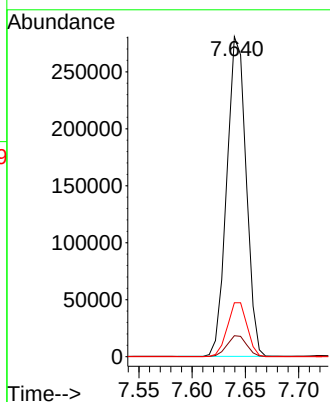
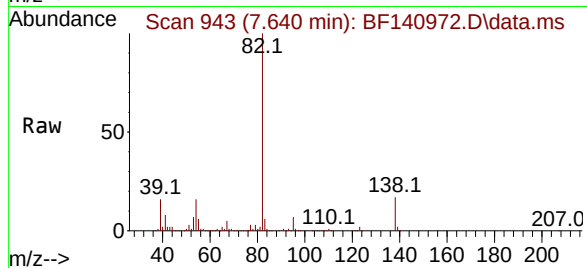




#25
Isophorone
Concen: 10.381 ng
RT: 7.640 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

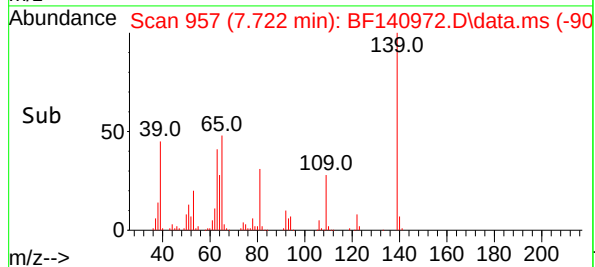
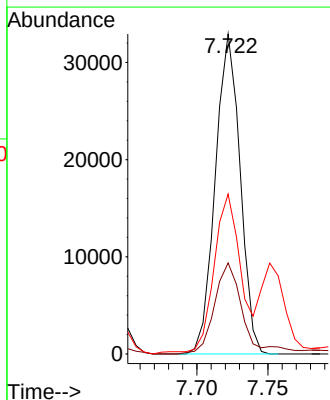
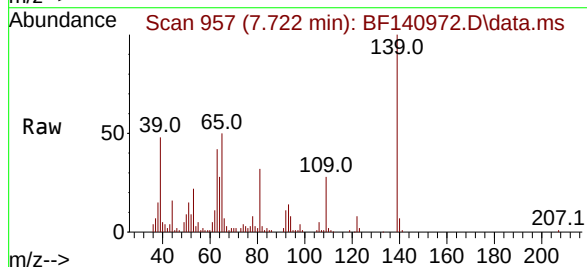
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

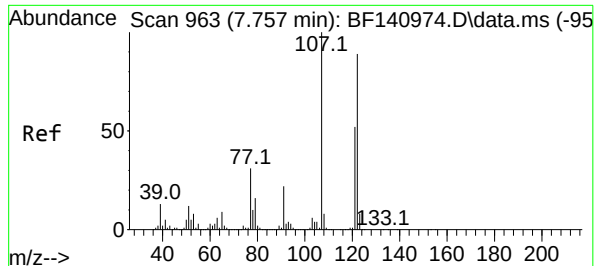
Tgt Ion: 82 Resp: 354894
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 16.8 14.6 21.8



#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

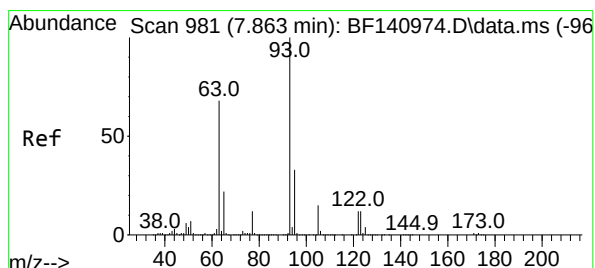
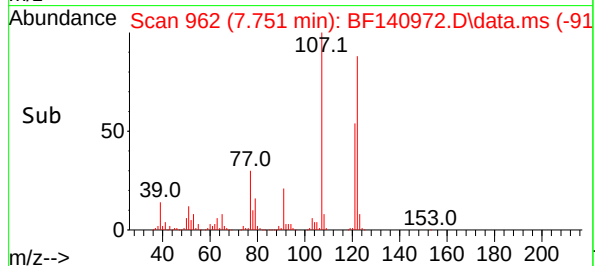
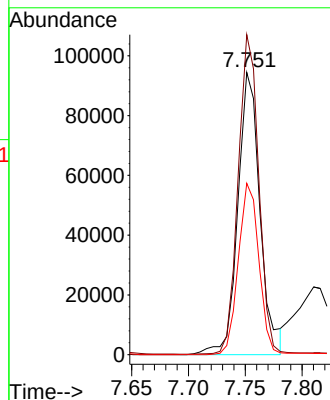
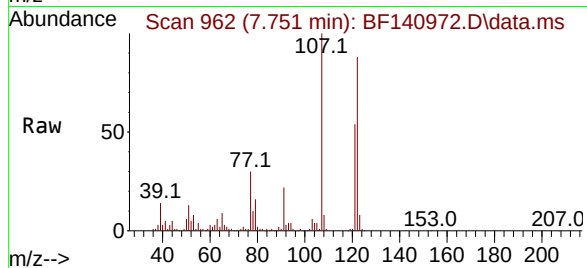
Tgt Ion:122 Resp: 128382

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

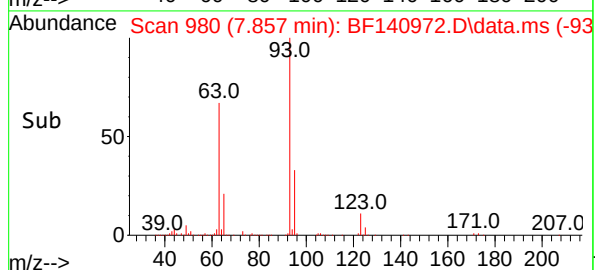
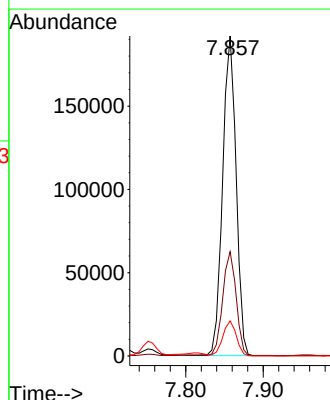
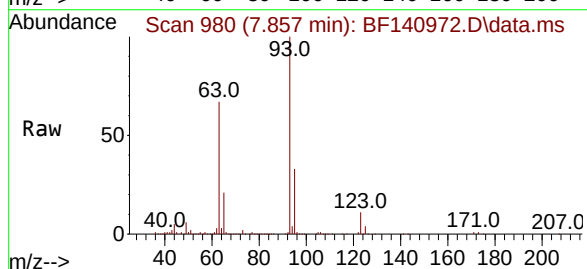
Tgt Ion: 93 Resp: 232407

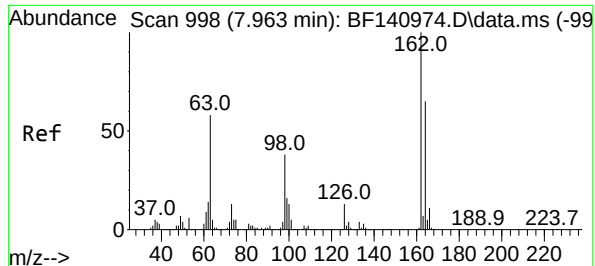
Ion Ratio Lower Upper

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

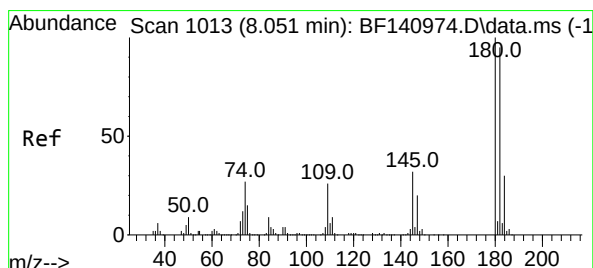
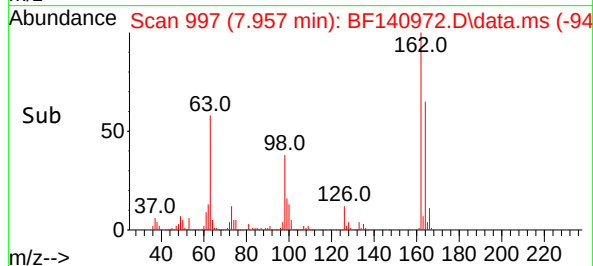
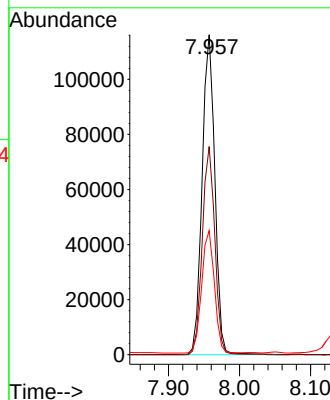
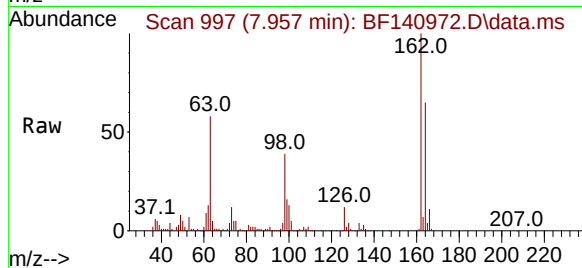
Tgt Ion:162 Resp: 145068

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

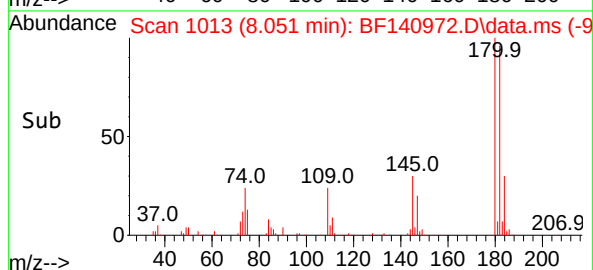
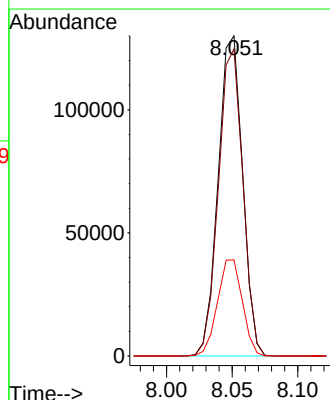
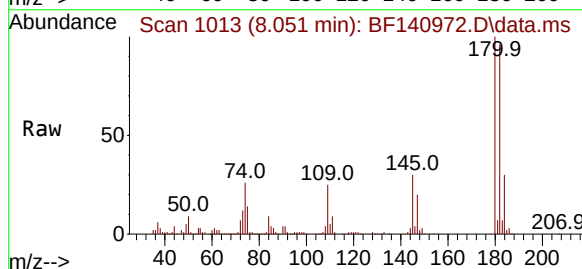
Tgt Ion:180 Resp: 168369

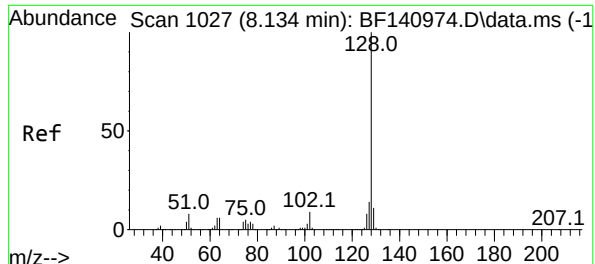
Ion Ratio Lower Upper

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

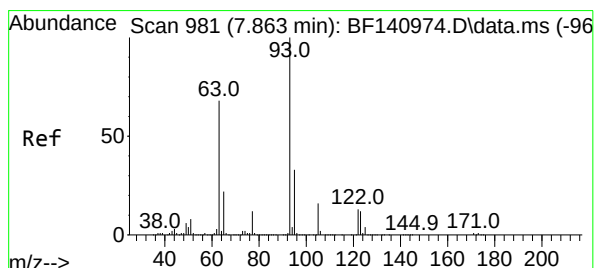
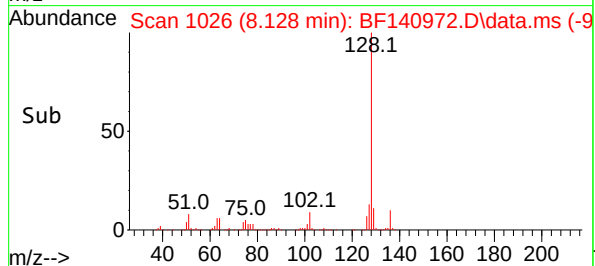
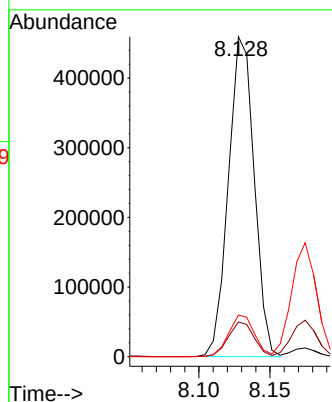
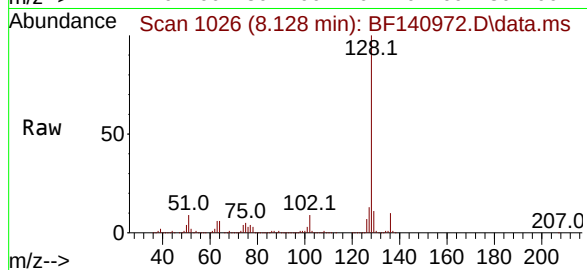
Tgt Ion:128 Resp: 579991

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

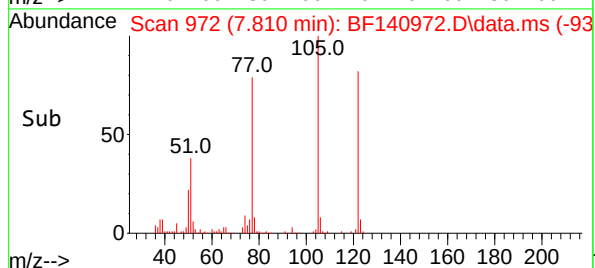
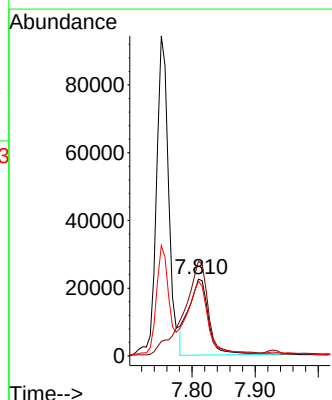
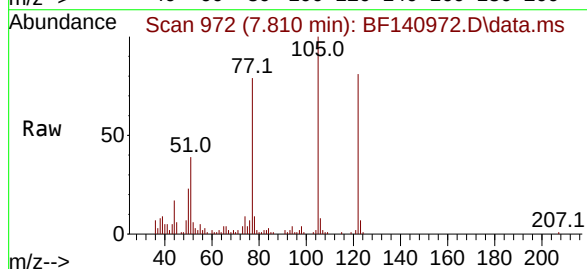
Tgt Ion:122 Resp: 49591

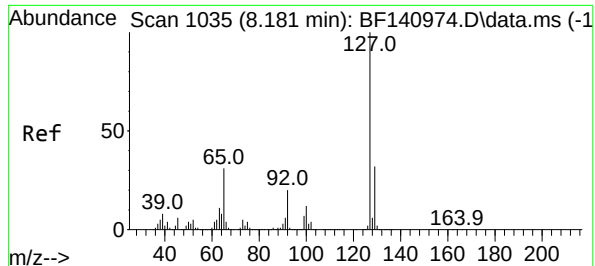
Ion Ratio Lower Upper

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

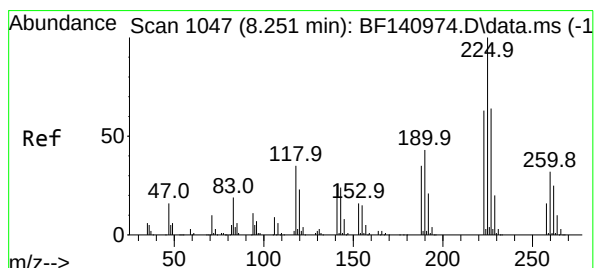
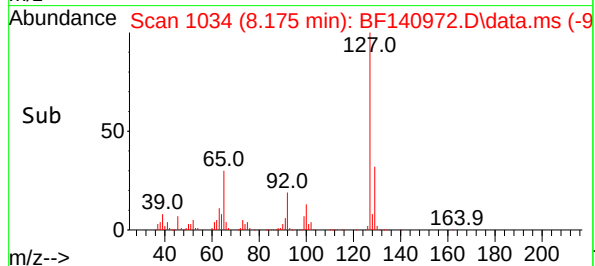
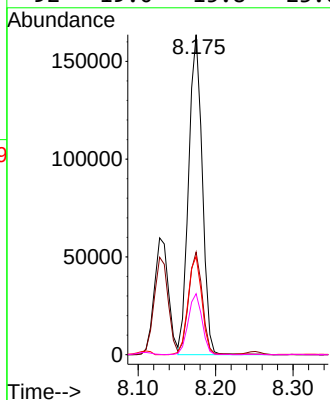
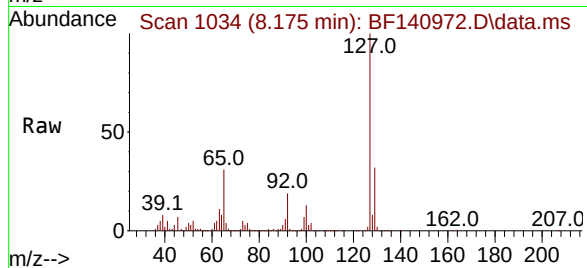
Ion Ratio Lower Upper

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

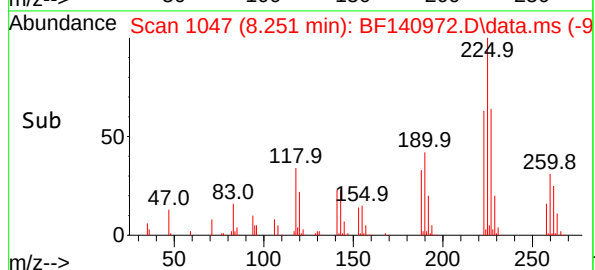
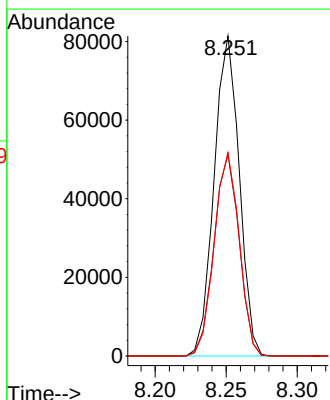
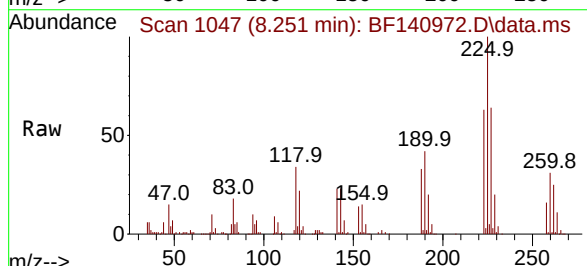
Tgt Ion:225 Resp: 100026

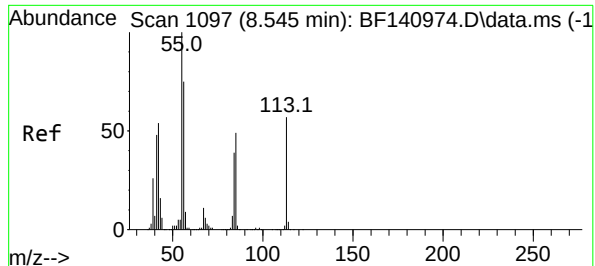
Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

227 63.6 50.8 76.2

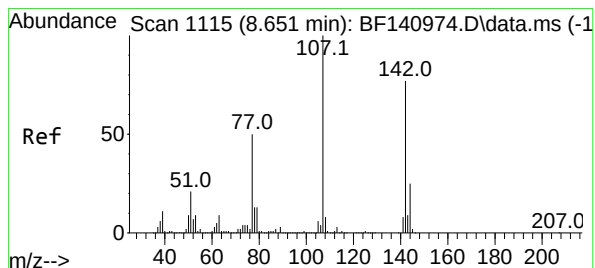
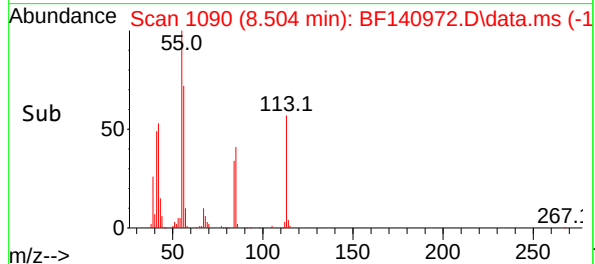
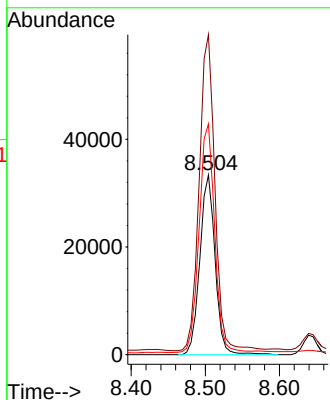
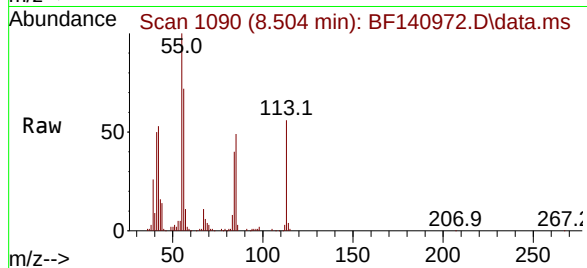




#35
Caprolactam
Concen: 9.936 ng
RT: 8.504 min Scan# 1097
Delta R.T. -0.041 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

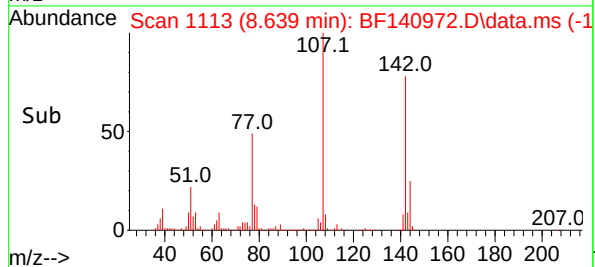
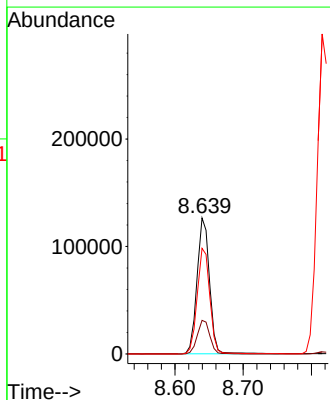
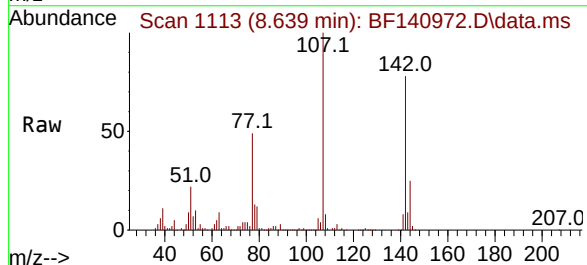
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

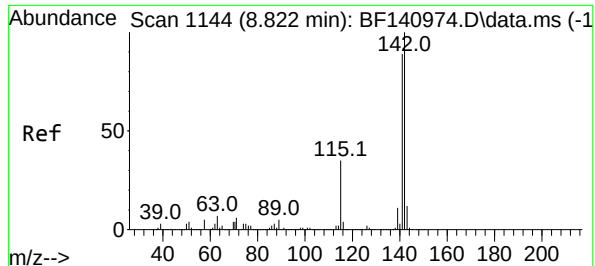
Tgt Ion:113 Resp: 47868
Ion Ratio Lower Upper
113 100
55 178.1 156.6 196.6
56 128.4 111.7 151.7



#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 :

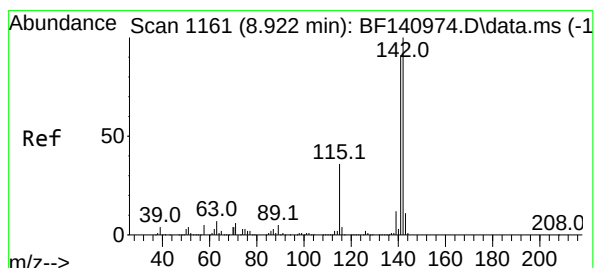
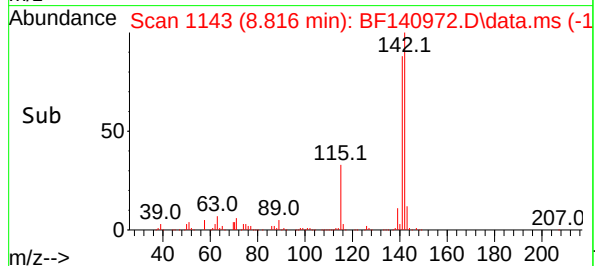
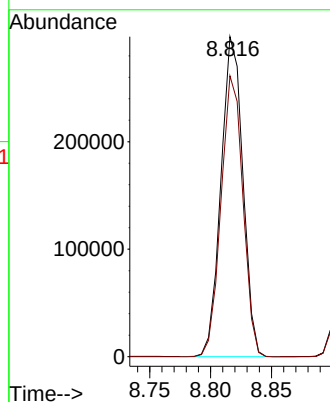
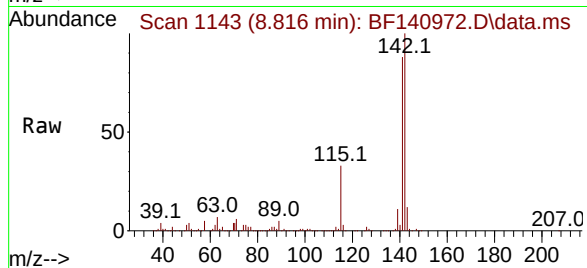
SSTDICC010

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

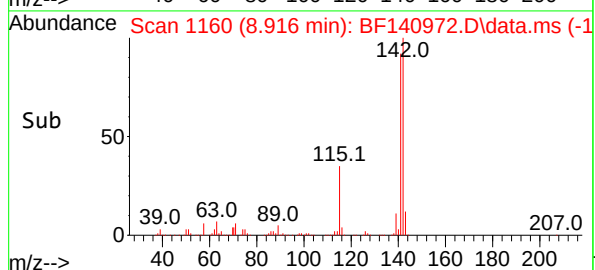
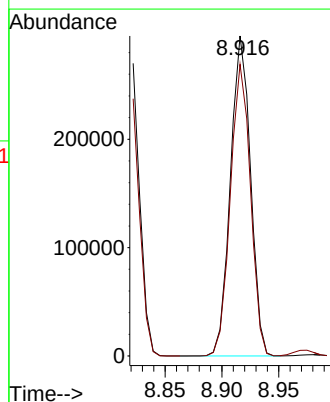
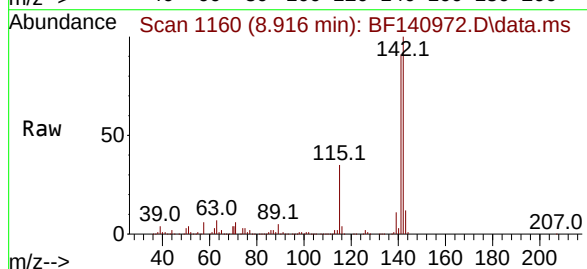
Acq: 26 Dec 2024 17:15

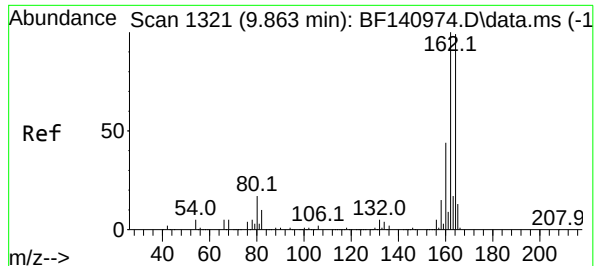
Tgt Ion:142 Resp: 363059

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

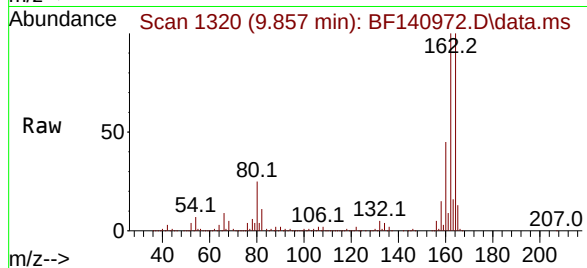
Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



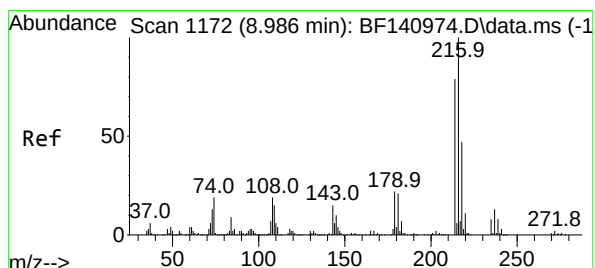
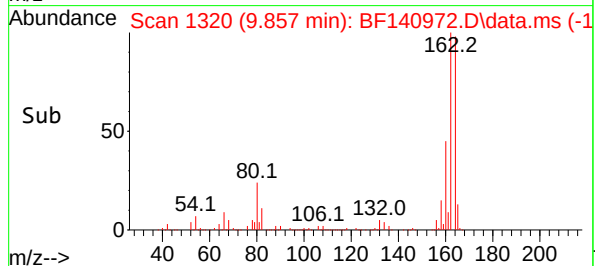
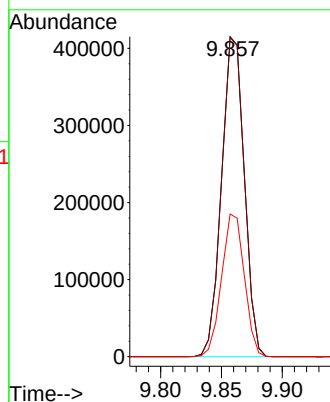
Tgt Ion:164 Resp: 539677

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

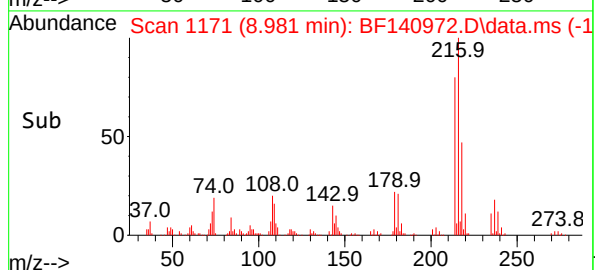
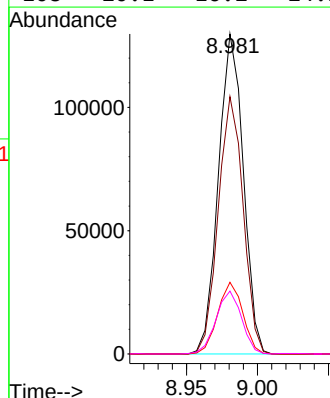
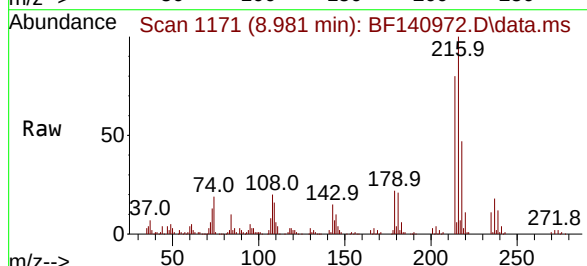
Ion Ratio Lower Upper

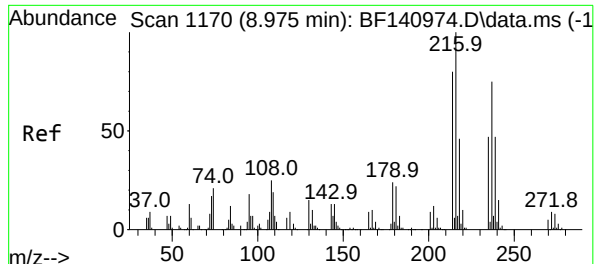
216 100

214 80.4 63.0 94.6

179 22.5 17.9 26.9

108 20.1 16.2 24.2

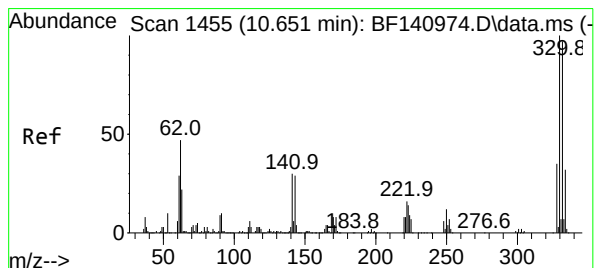
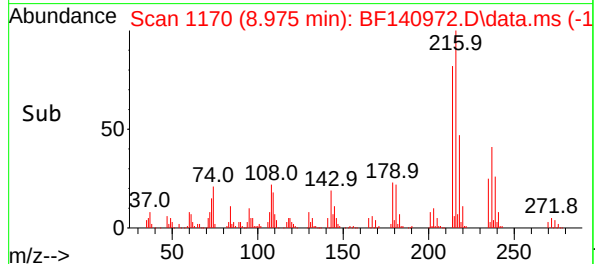
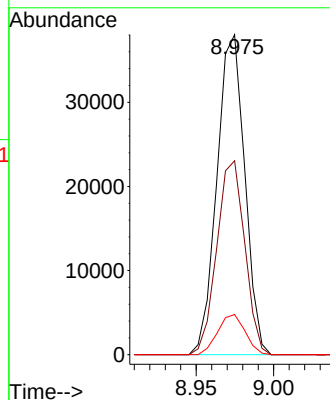
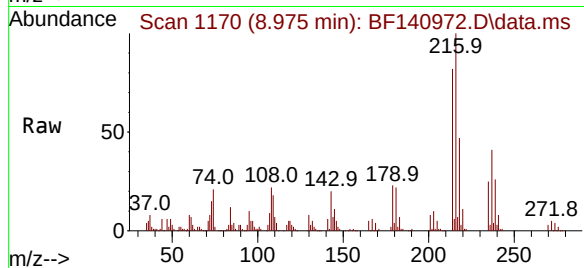




#41
Hexachlorocyclopentadiene
Concen: 9.661 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

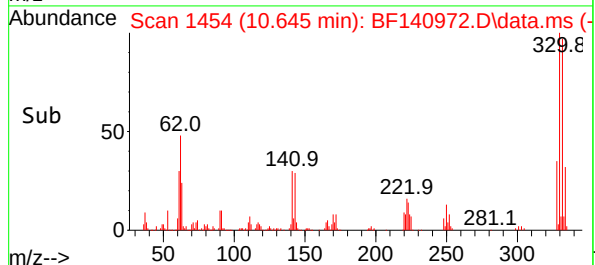
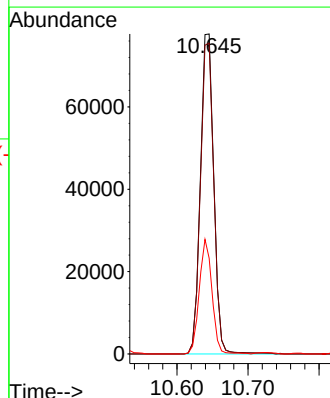
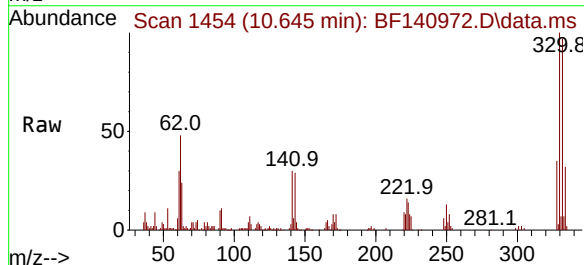
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

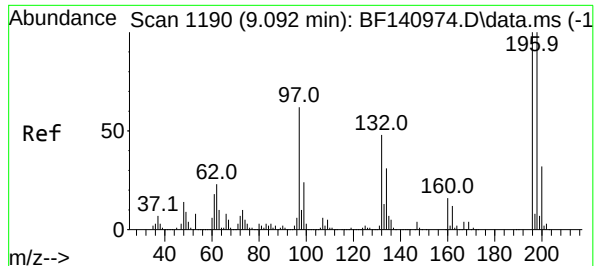
Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.6	43.4	83.4
272	12.6	0.0	32.6



#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	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

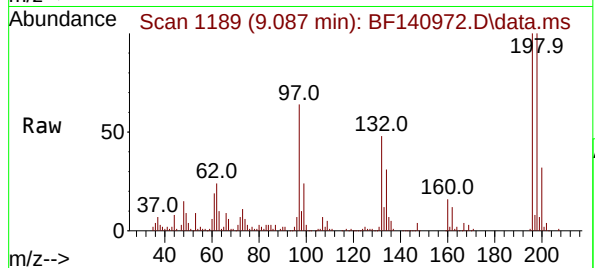
Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



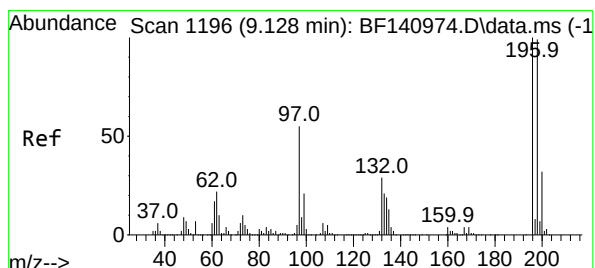
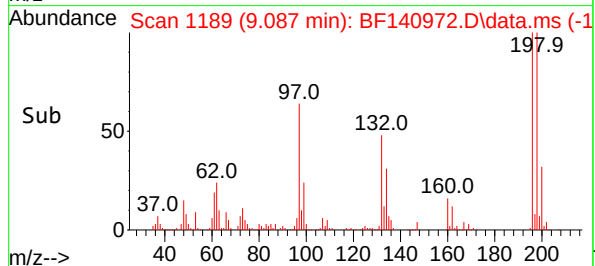
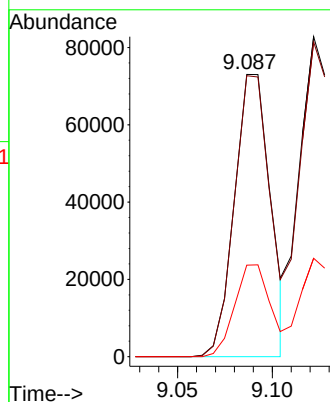
Tgt Ion:196 Resp: 96190

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

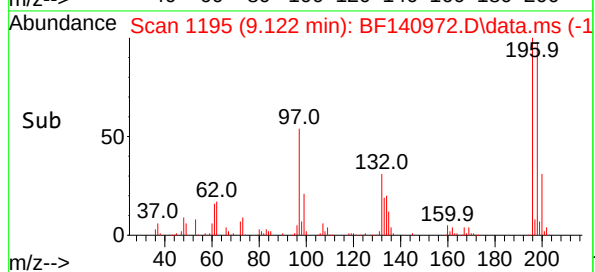
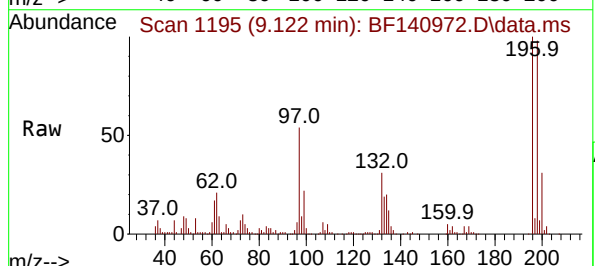
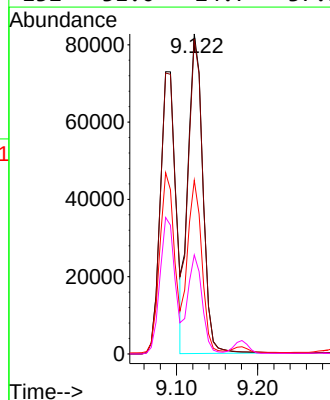
Ion Ratio Lower Upper

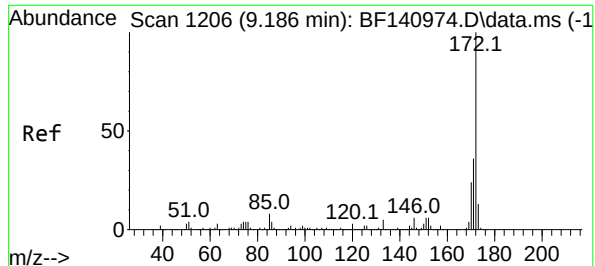
196 100

198 98.3 79.9 119.9

97 54.2 44.3 66.5

132 31.0 24.7 37.1

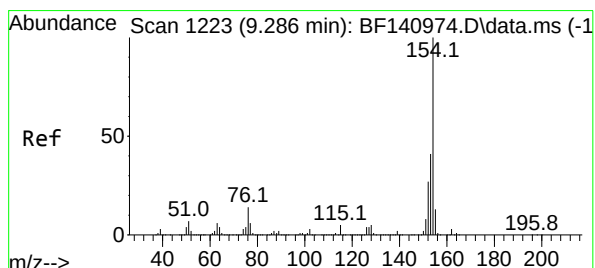
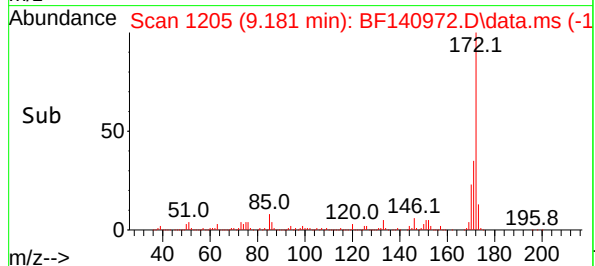
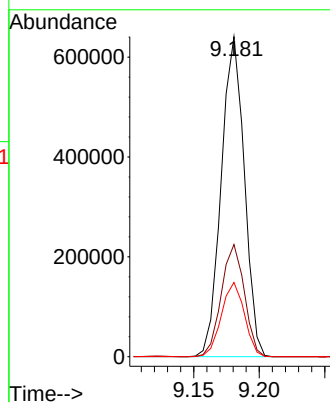
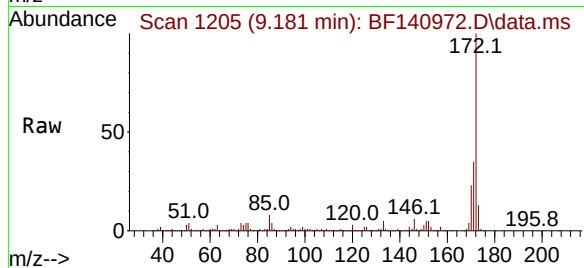




#45
2-Fluorobiphenyl
Concen: 23.128 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

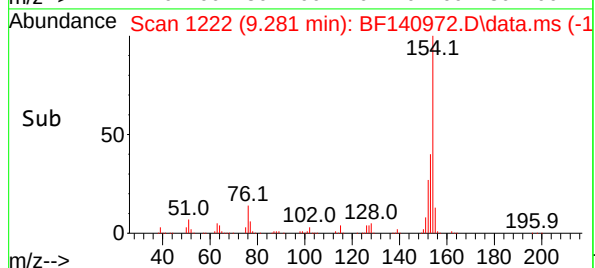
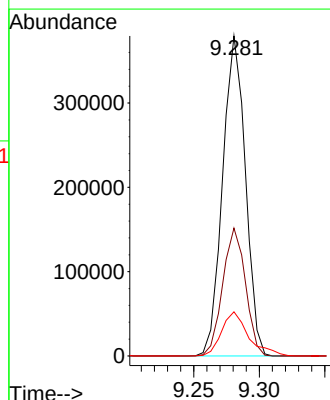
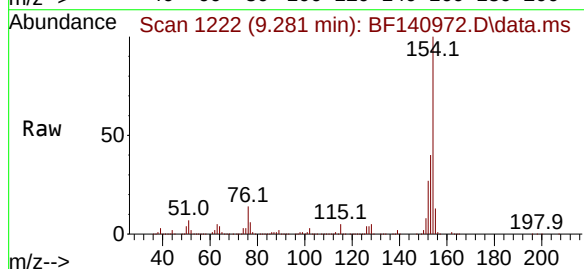
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

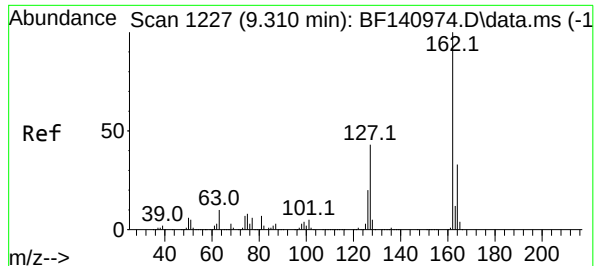
Tgt Ion:172 Resp: 783402
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 23.2 19.6 29.4



#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# 1

Delta R.T. -0.006 min

Lab File: BF140972.D

Acq: 26 Dec 2024 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

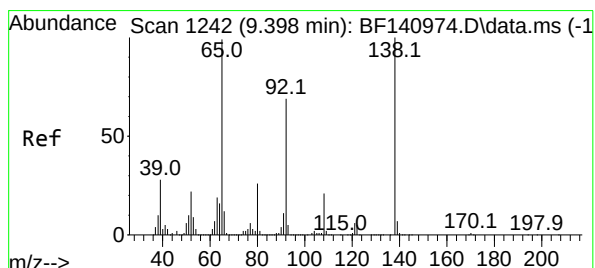
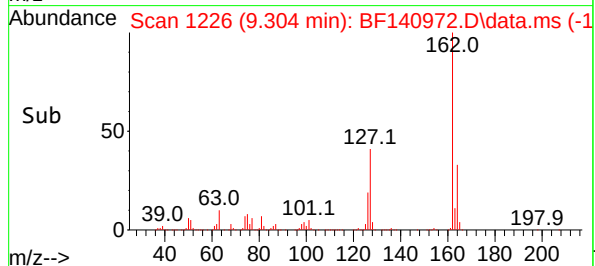
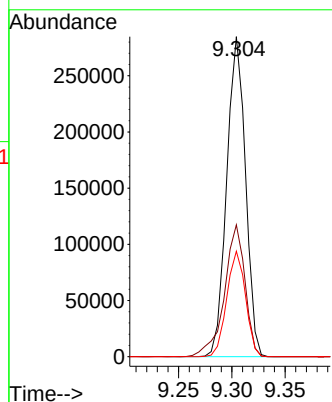
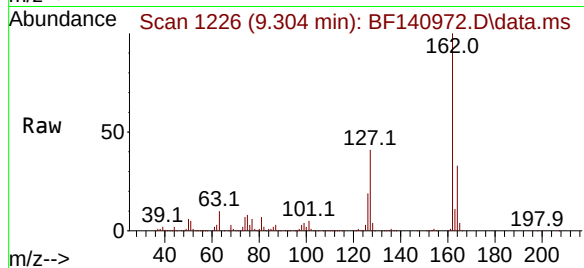
Tgt Ion:162 Resp: 348834

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

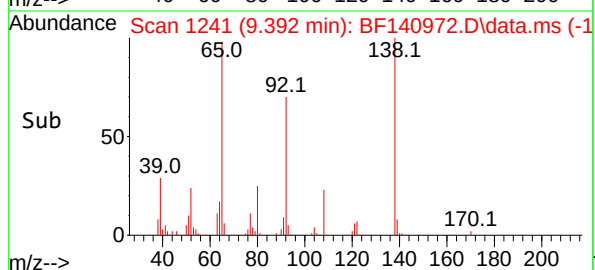
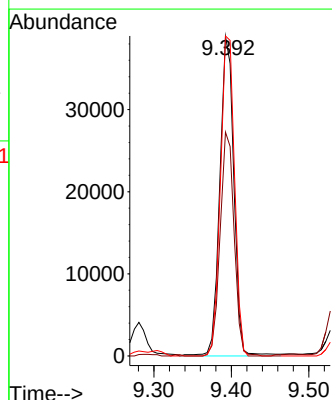
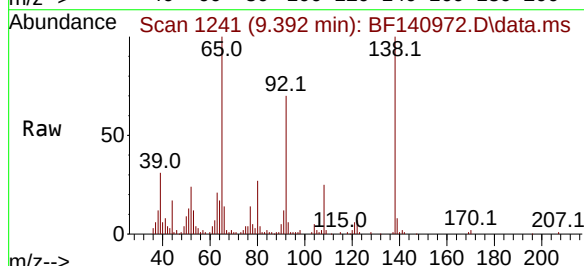
Tgt Ion: 65 Resp: 49140

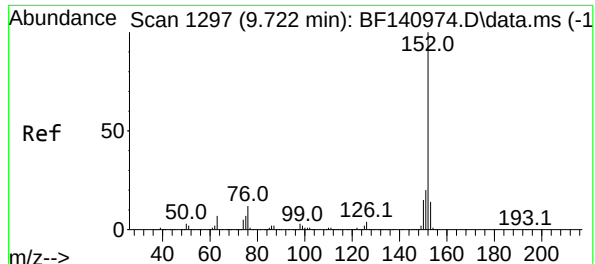
Ion Ratio Lower Upper

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

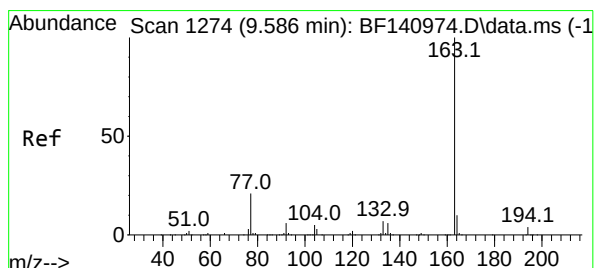
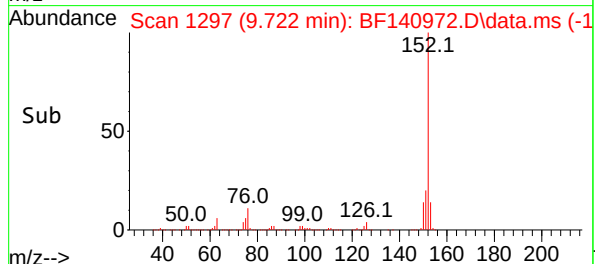
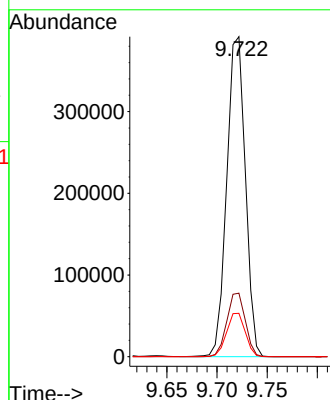
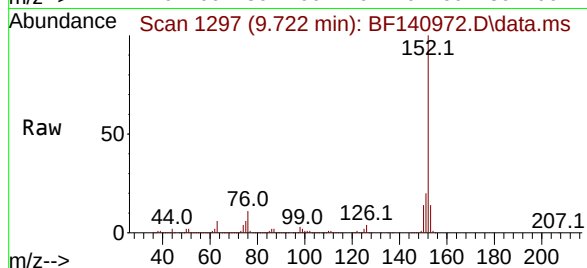
Tgt Ion:152 Resp: 504423

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

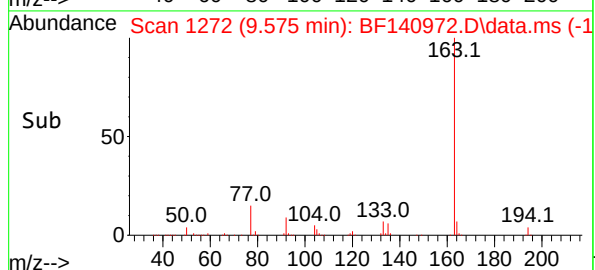
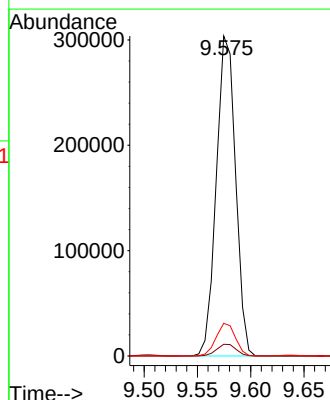
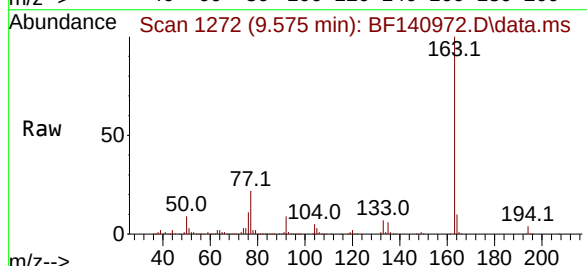
Tgt Ion:163 Resp: 381476

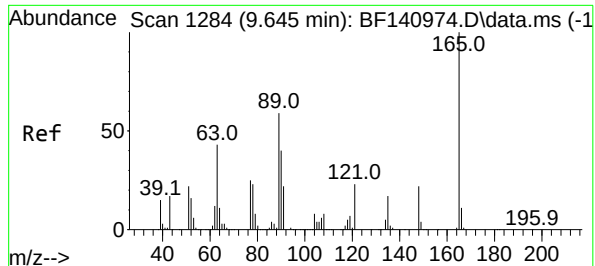
Ion Ratio Lower Upper

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

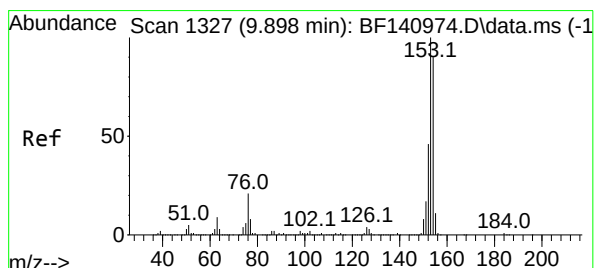
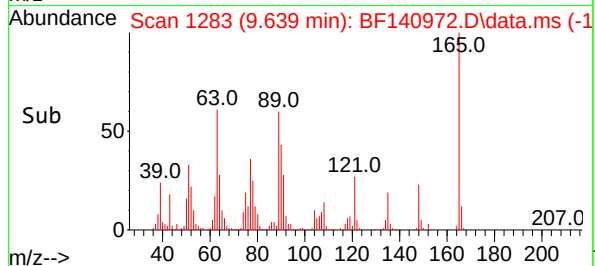
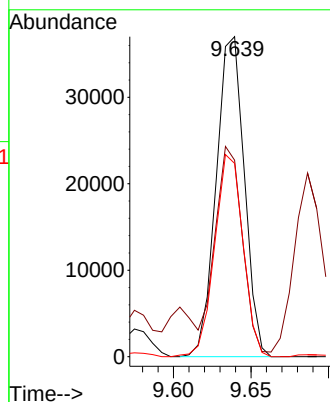
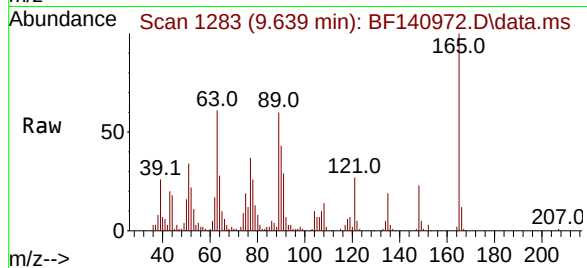
Tgt Ion:165 Resp: 46772

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

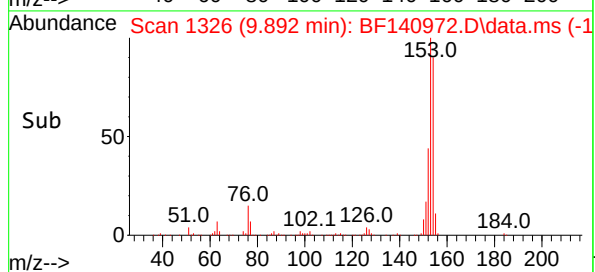
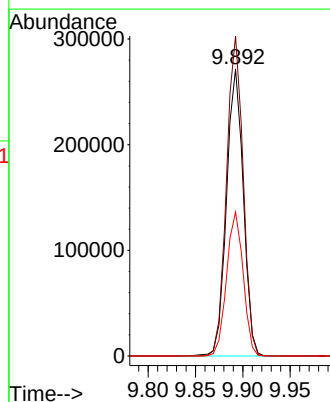
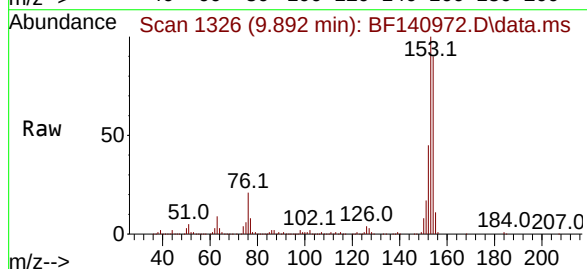
Tgt Ion:154 Resp: 334623

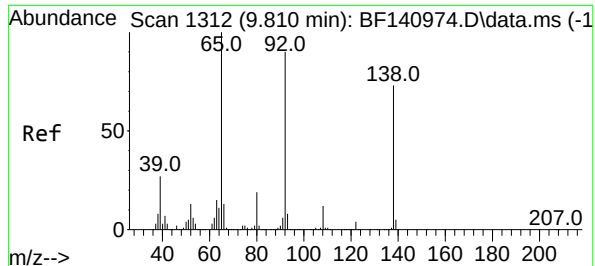
Ion Ratio Lower Upper

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

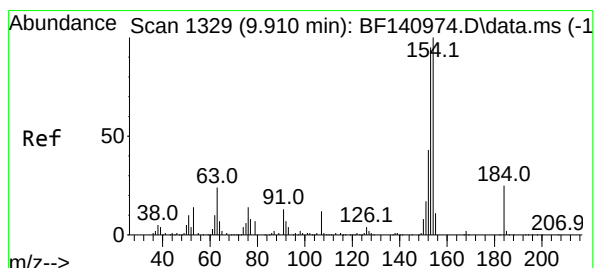
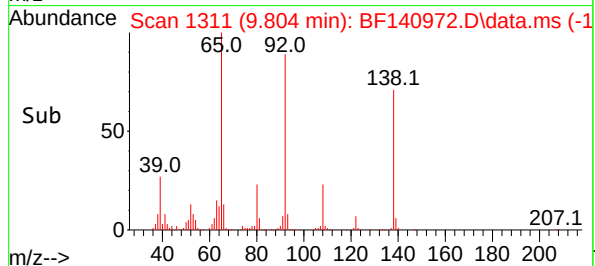
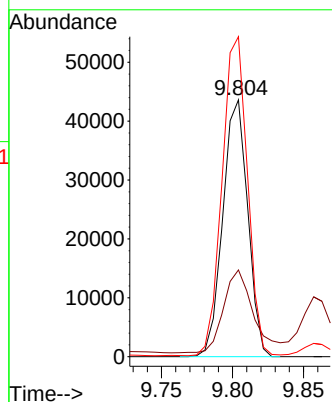
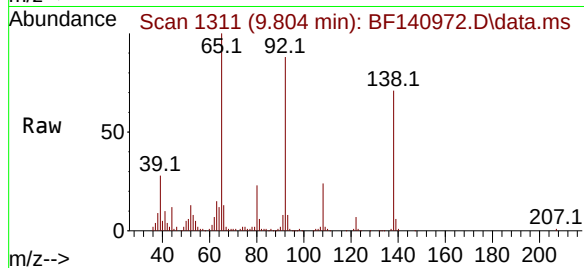
Tgt Ion:138 Resp: 53244

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

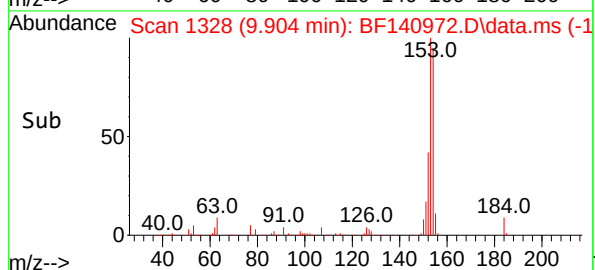
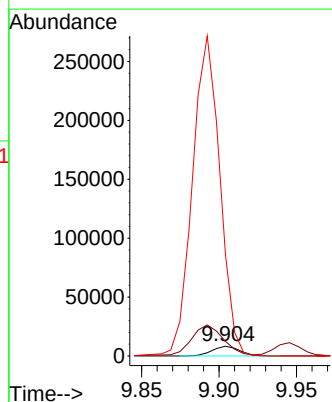
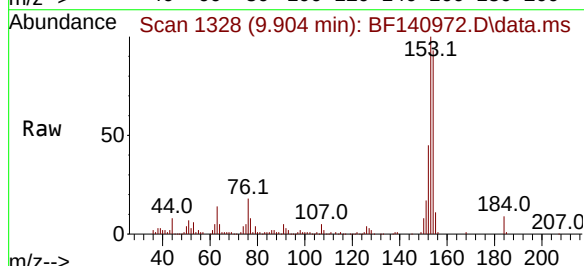
Tgt Ion:184 Resp: 10078

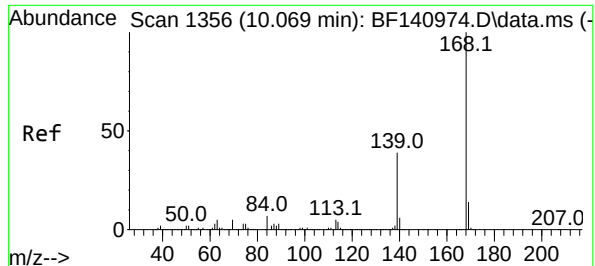
Ion Ratio Lower Upper

184 100

63 150.3 81.6 122.4#

154 1038.6 363.5 545.3#





#55

Dibenzofuran

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

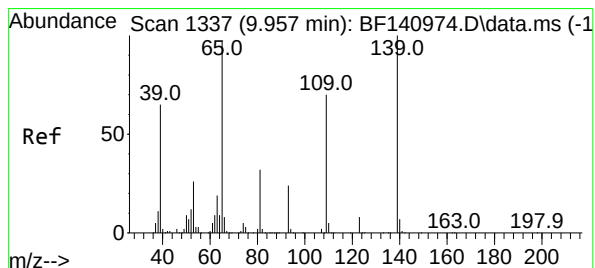
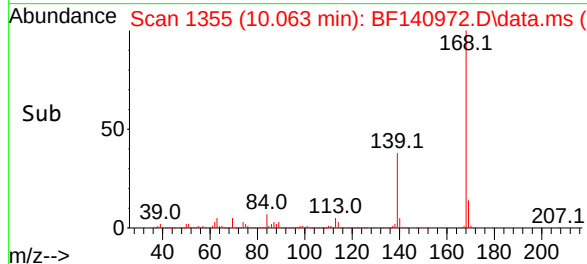
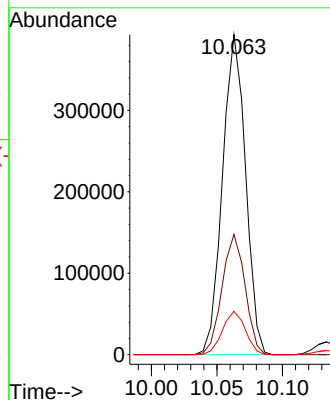
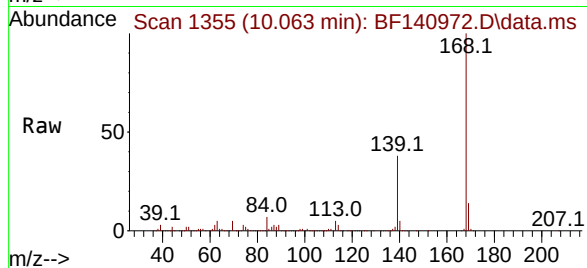
Tgt Ion:168 Resp: 480351

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

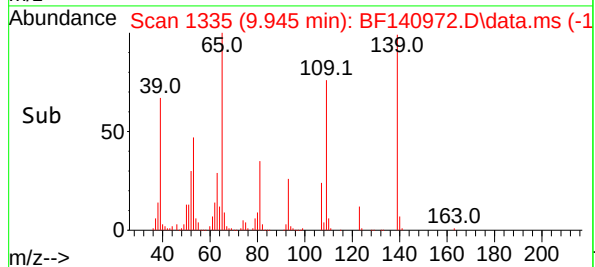
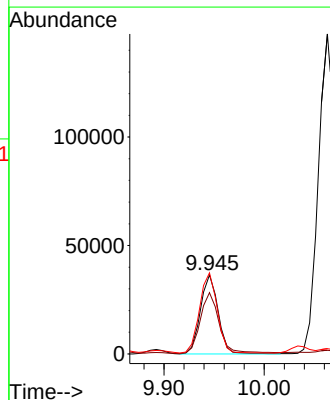
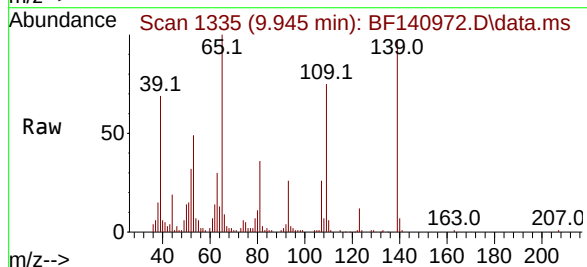
Tgt Ion:139 Resp: 44755

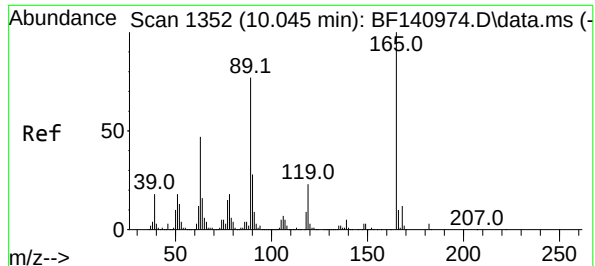
Ion Ratio Lower Upper

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

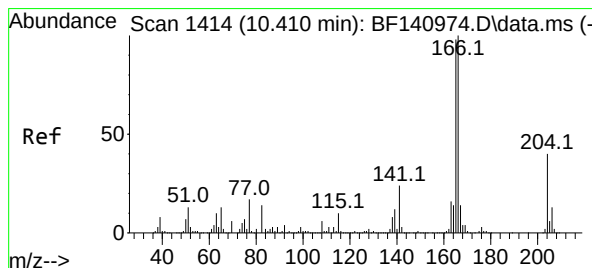
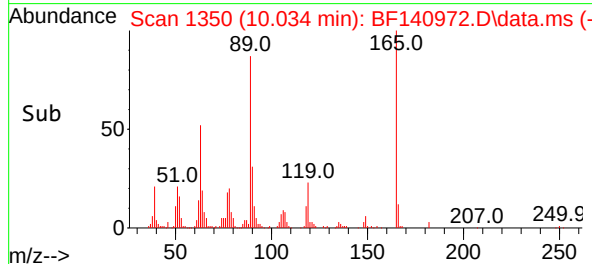
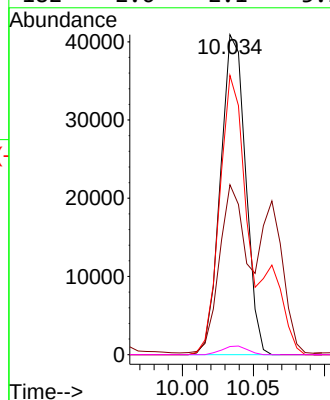
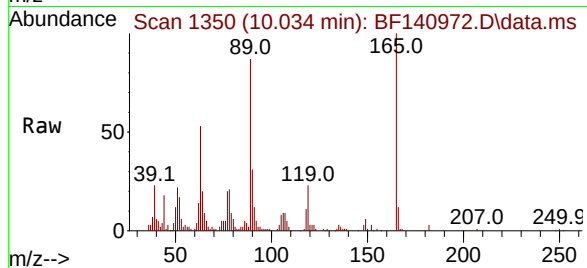
Ion Ratio Lower Upper

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

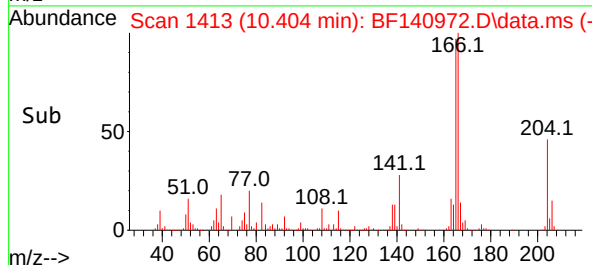
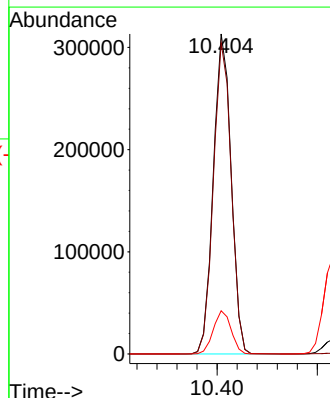
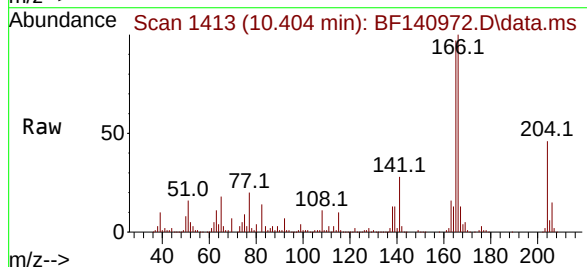
Tgt Ion:166 Resp: 386427

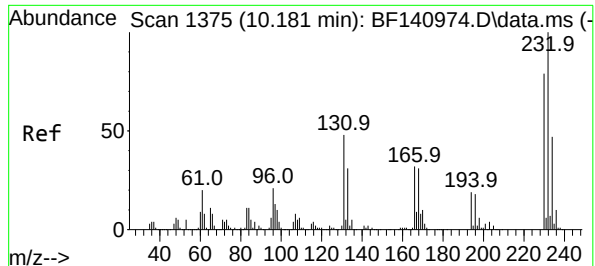
Ion Ratio Lower Upper

166 100

165 97.3 78.3 117.5

167 13.5 10.9 16.3

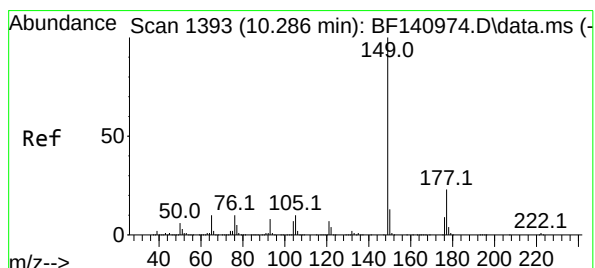
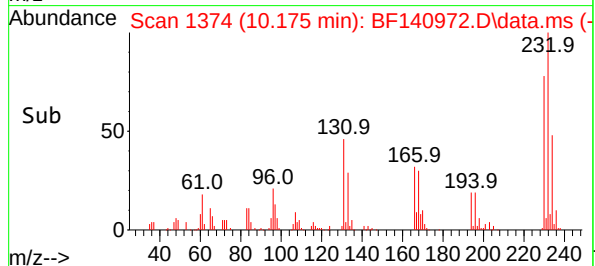
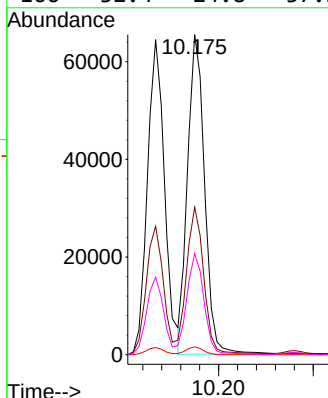
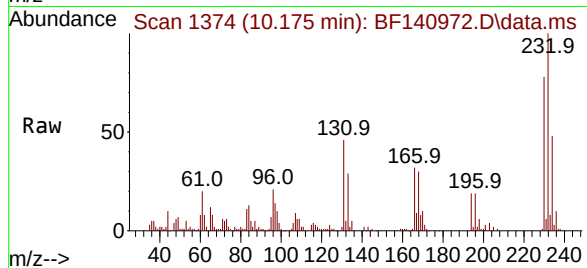




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.765 ng
RT: 10.175 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

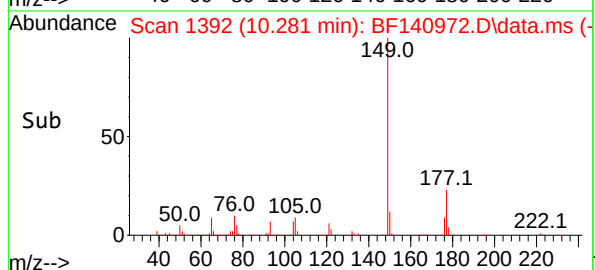
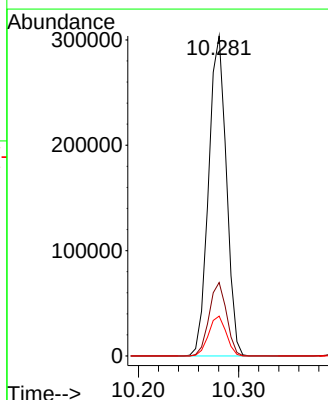
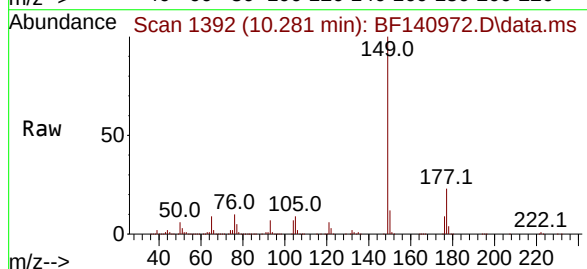
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

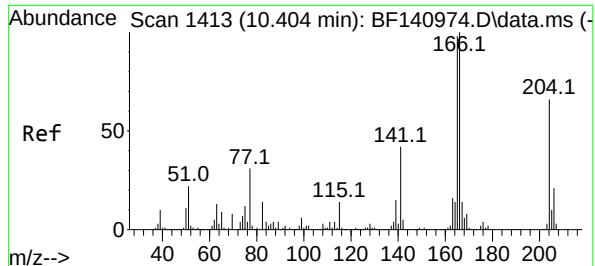
Tgt Ion:232 Resp: 81766
Ion Ratio Lower Upper
232 100
131 47.4 37.4 56.2
130 2.5 1.8 2.8
166 32.4 24.8 37.2



#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

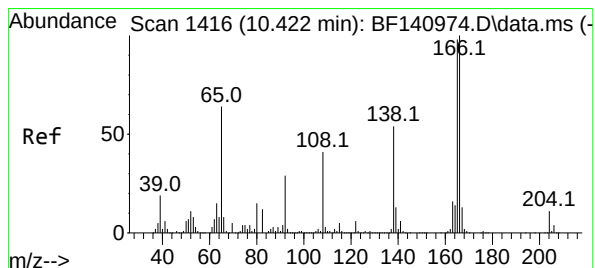
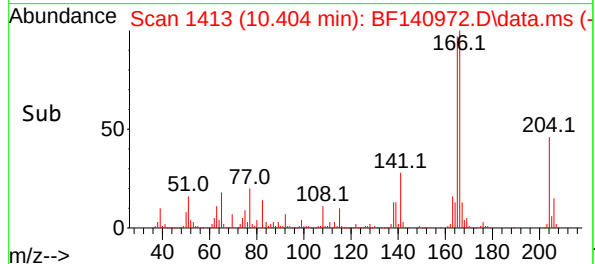
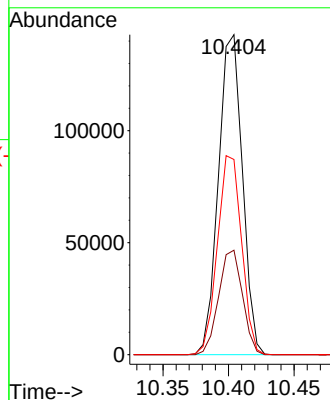
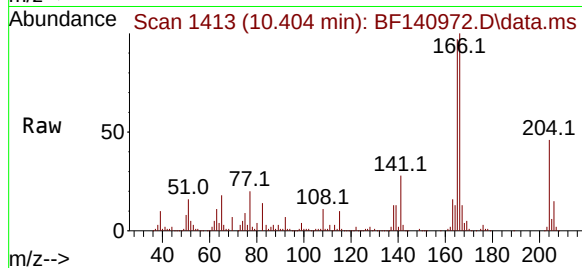




#61
4-Chlorophenyl-phenylether
Concen: 11.109 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

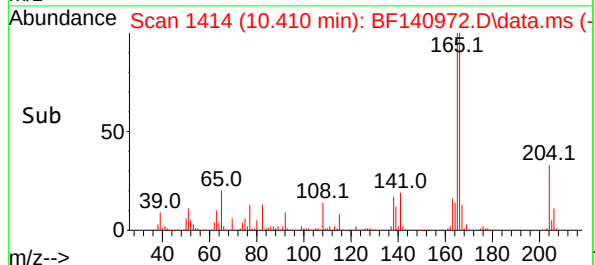
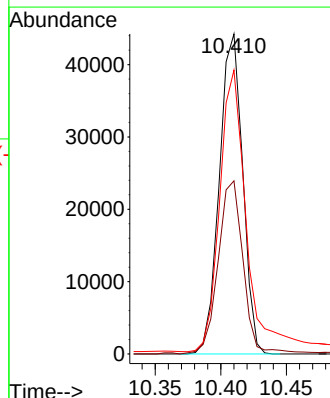
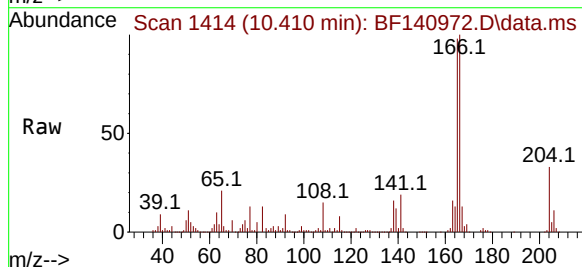
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

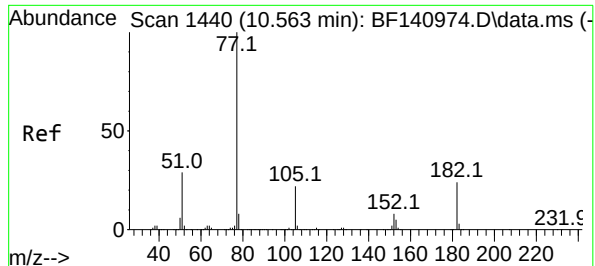
Tgt Ion:204 Resp: 181693
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 61.0 51.2 76.8



#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

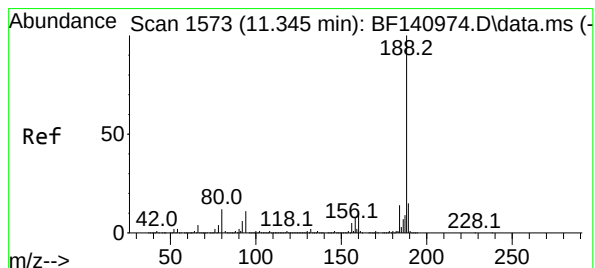
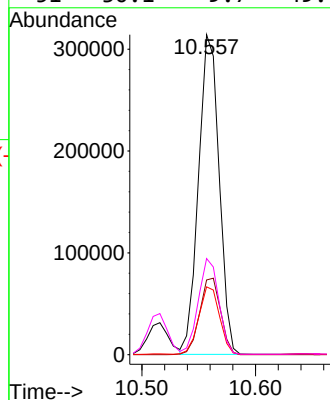
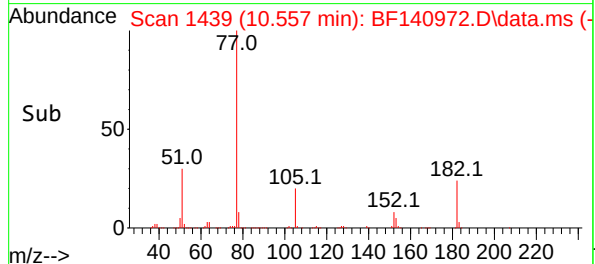
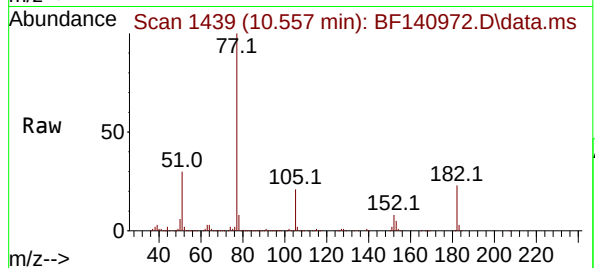




#63
Azobenzene
Concen: 10.749 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

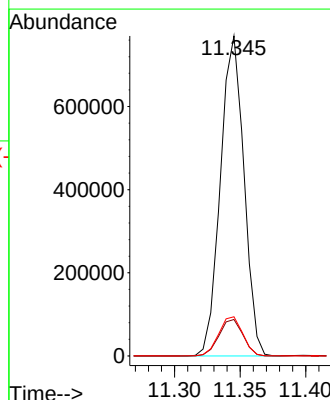
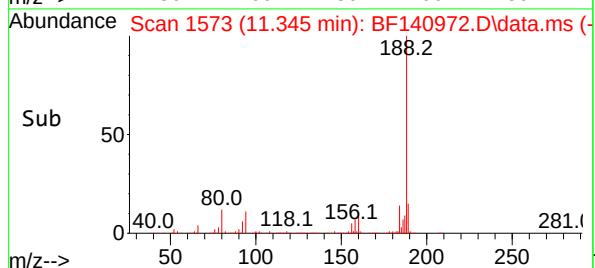
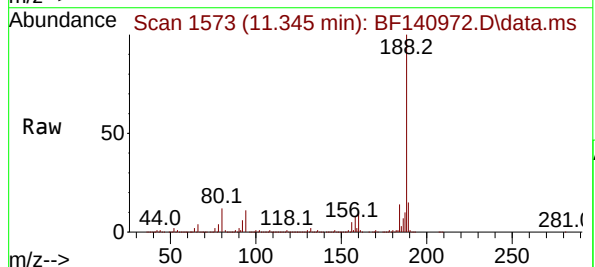
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

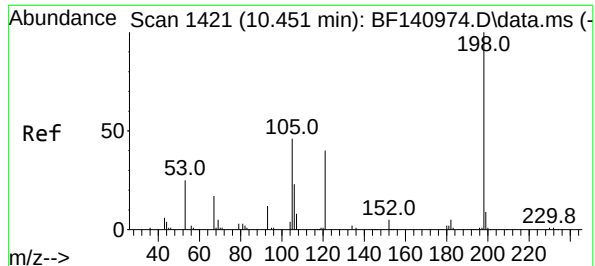
Tgt Ion: 77 Resp: 395397
Ion Ratio Lower Upper
77 100
182 23.4 4.1 44.1
105 21.2 1.8 41.8
51 30.1 9.7 49.7



#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

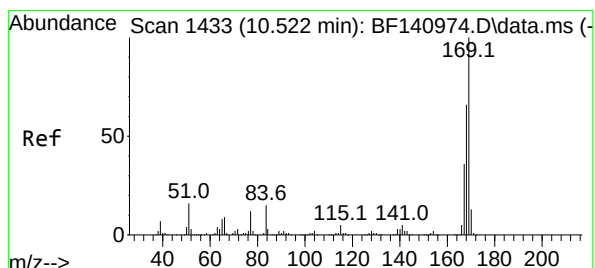
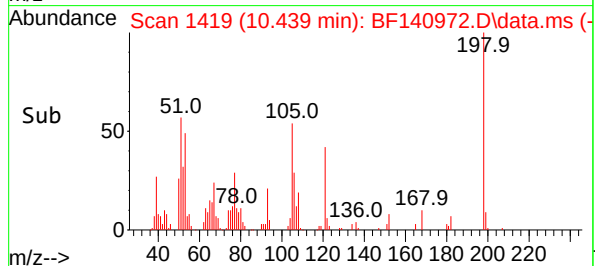
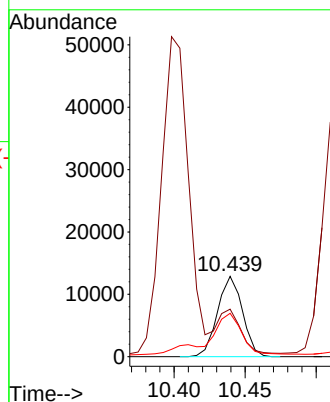
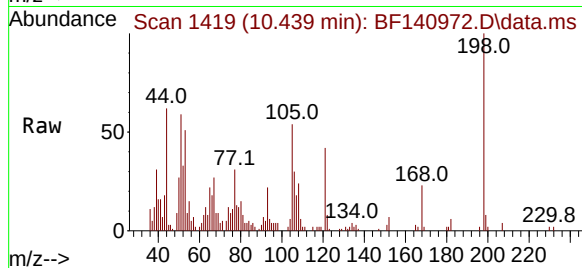




#65
4,6-Dinitro-2-methylphenol
Concen: 12.644 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

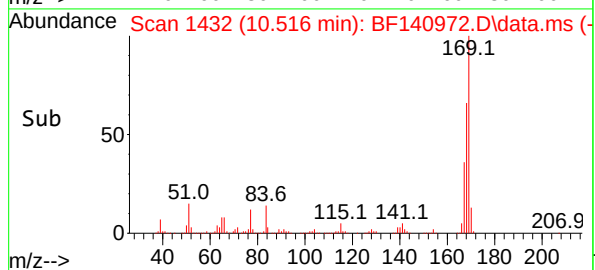
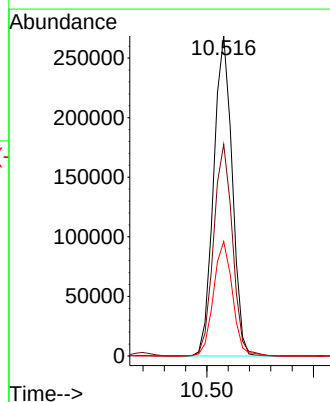
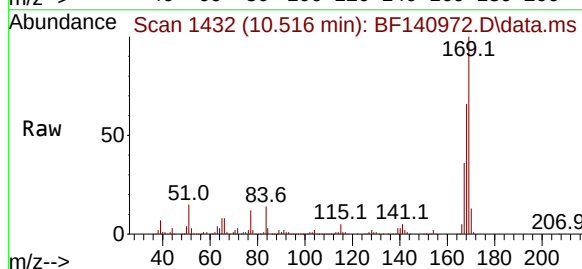
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

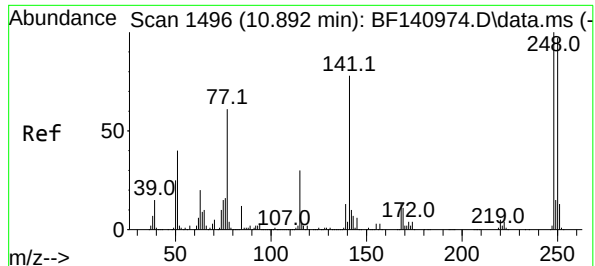
Tgt Ion:198 Resp: 15689
Ion Ratio Lower Upper
198 100
51 59.0 32.3 72.3
105 54.0 28.4 68.4



#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

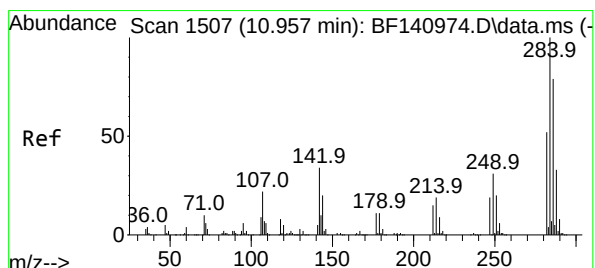
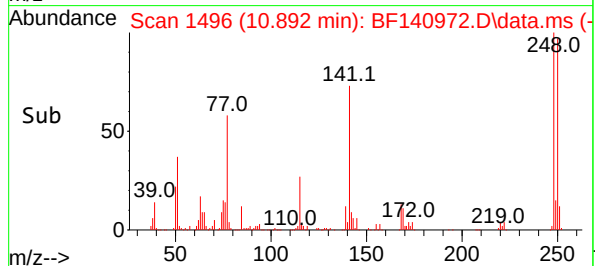
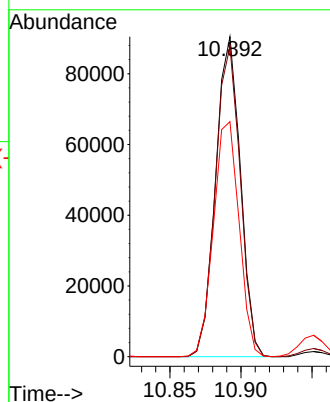
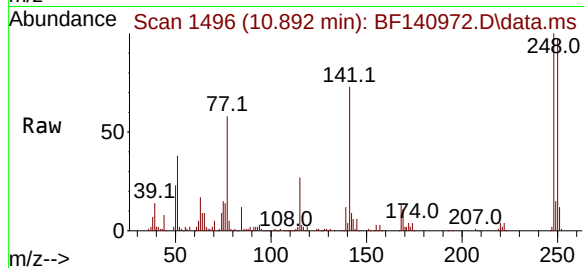




#67
4-Bromophenyl-phenylether
Concen: 10.604 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

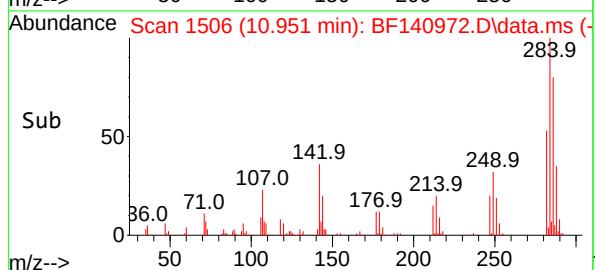
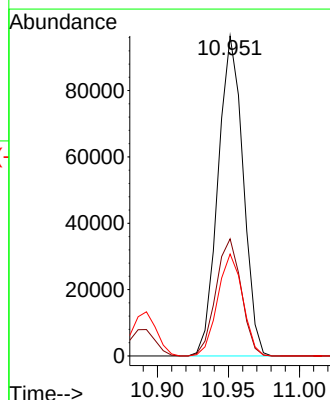
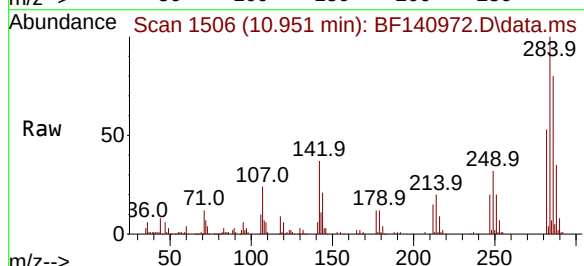
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

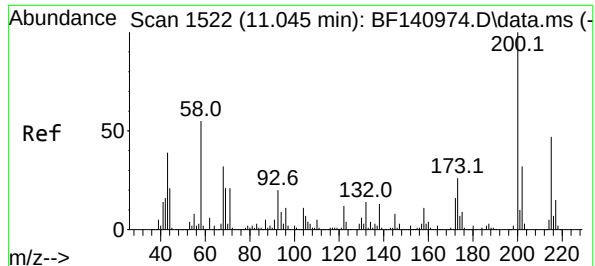
Tgt Ion:248 Resp: 110052
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 73.4 62.1 93.1



#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

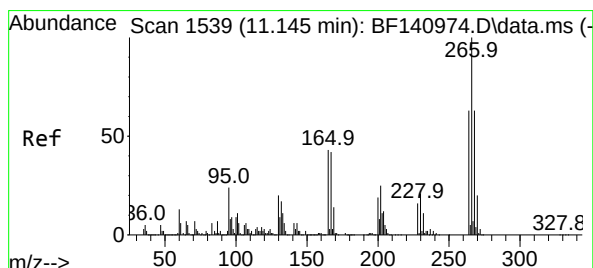
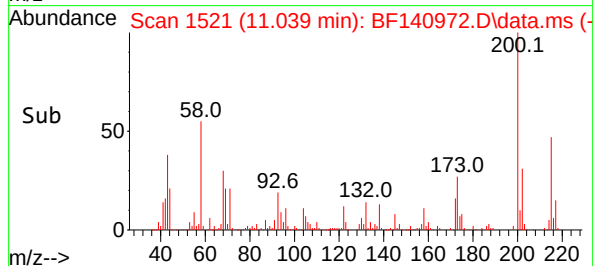
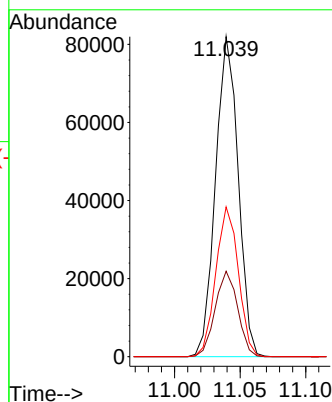
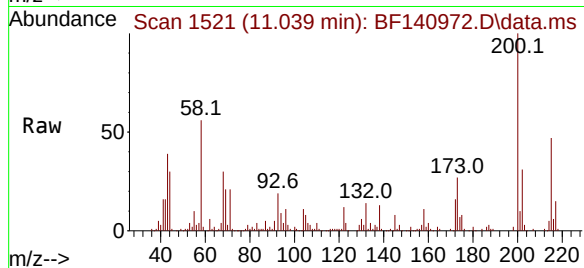
Tgt Ion:200 Resp: 98299

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

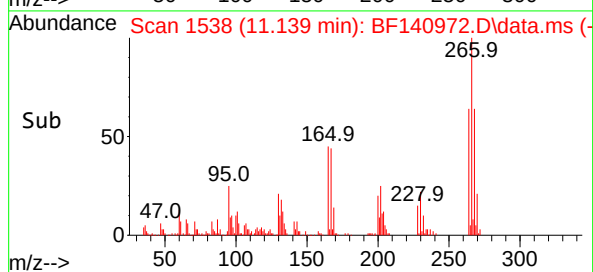
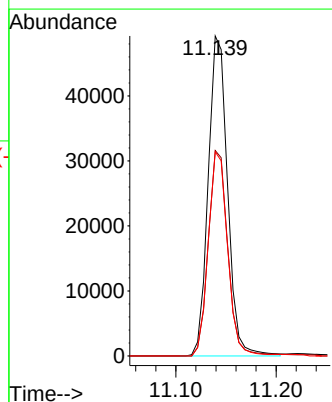
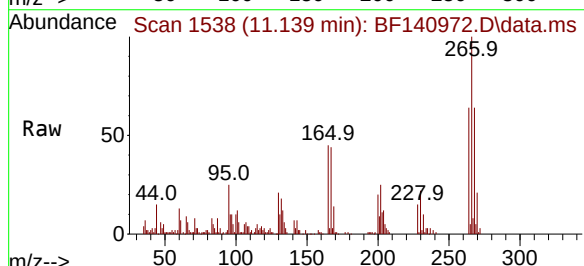
Tgt Ion:266 Resp: 65934

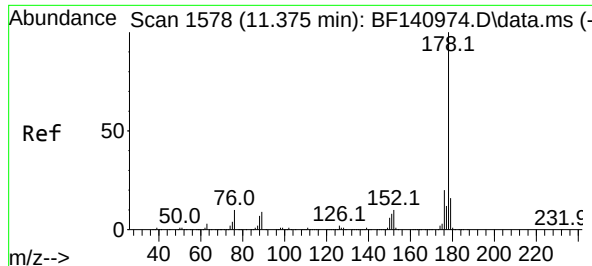
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 63.8 50.2 75.4

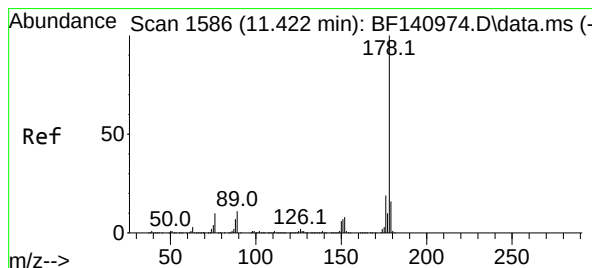
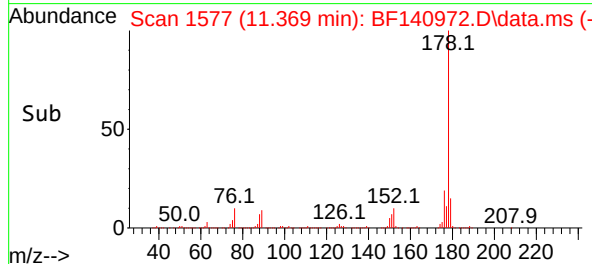
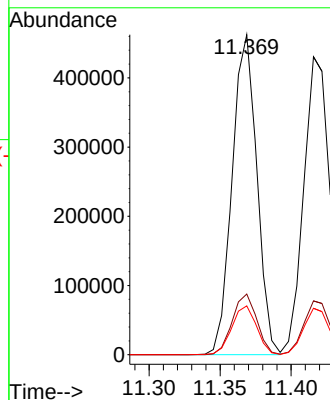
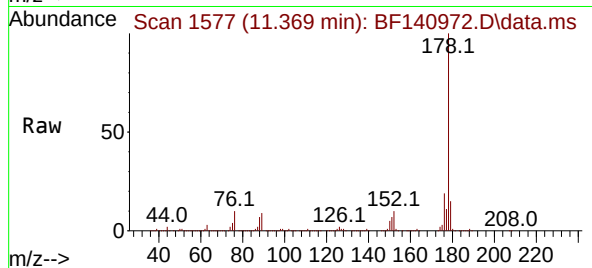




#71
Phenanthrene
Concen: 11.091 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

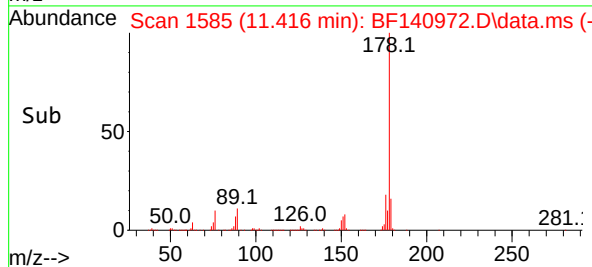
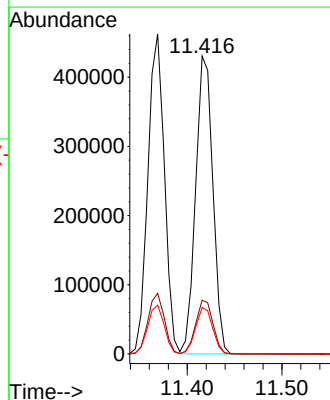
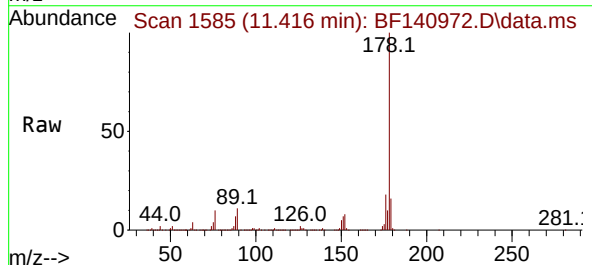
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

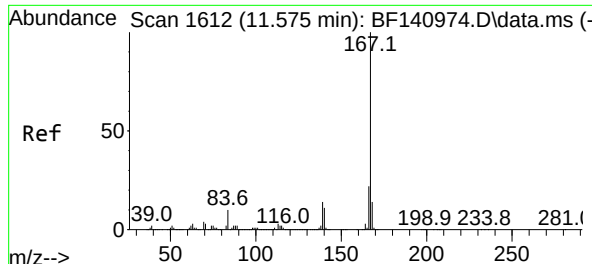
Tgt Ion:178 Resp: 560414
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 15.2 12.6 19.0



#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

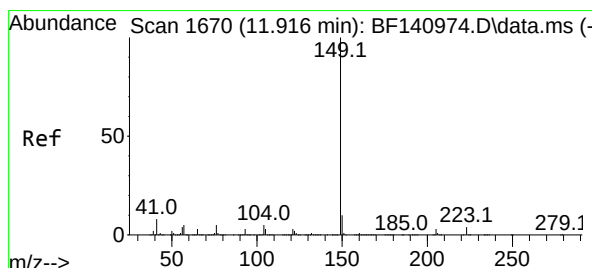
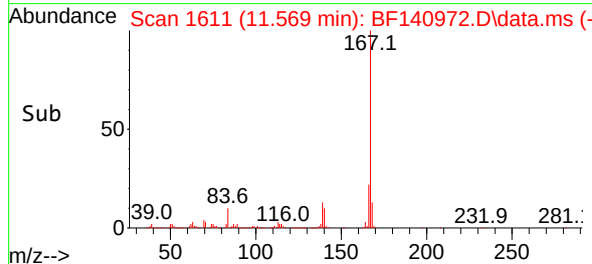
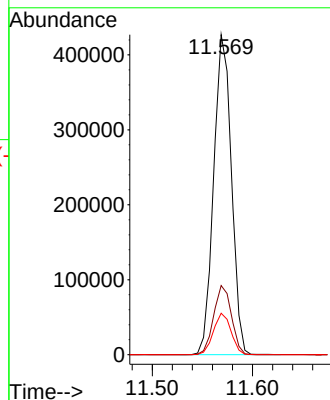
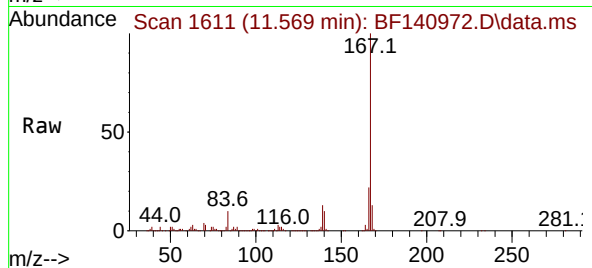




#73
Carbazole
Concen: 11.028 ng
RT: 11.569 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

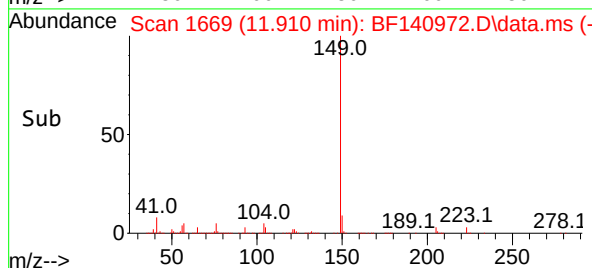
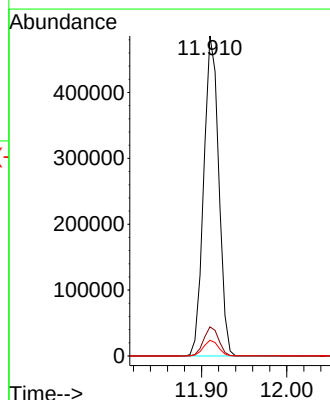
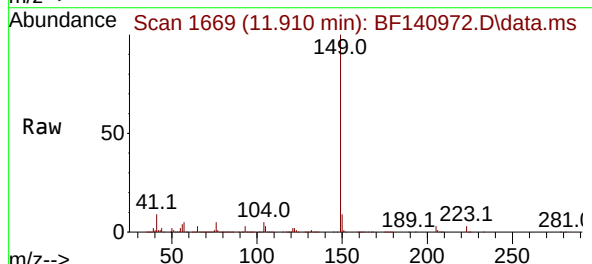
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

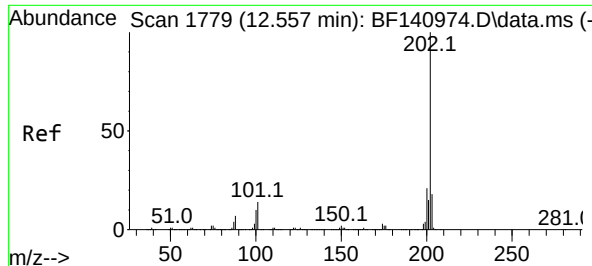
Tgt Ion:167 Resp: 524879
Ion Ratio Lower Upper
167 100
166 21.6 17.5 26.3
139 12.9 11.0 16.4



#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

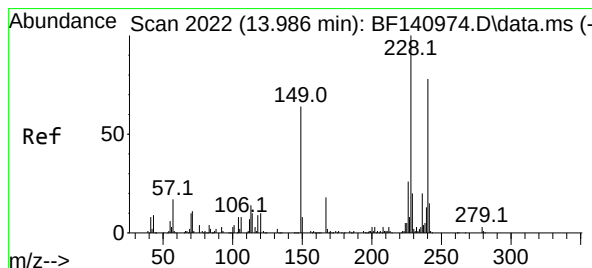
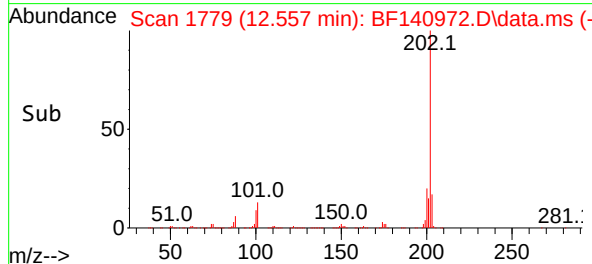
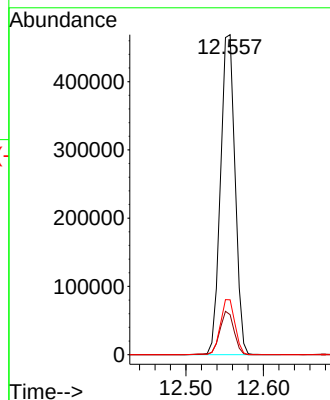
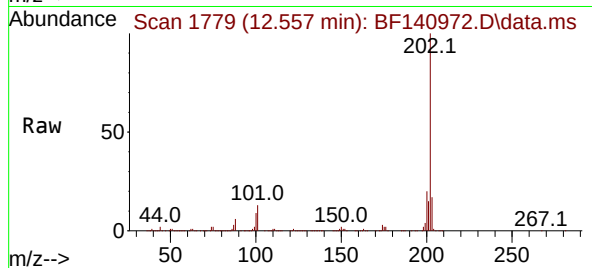




#75
Fluoranthene
Concen: 11.163 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

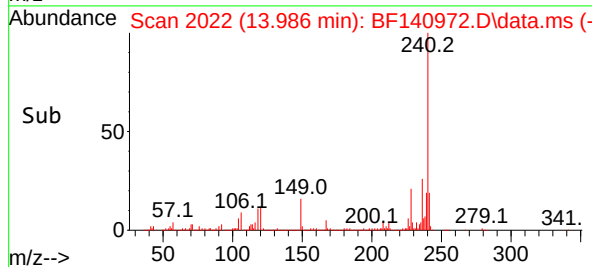
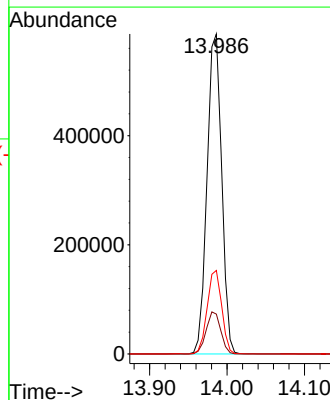
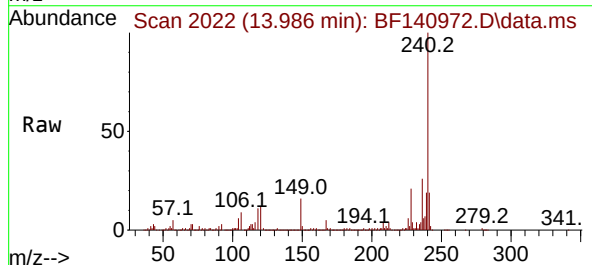
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

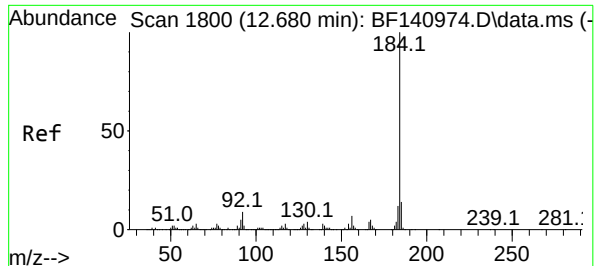
Tgt Ion:202 Resp: 611729
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.7
203 17.1 0.0 38.1



#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

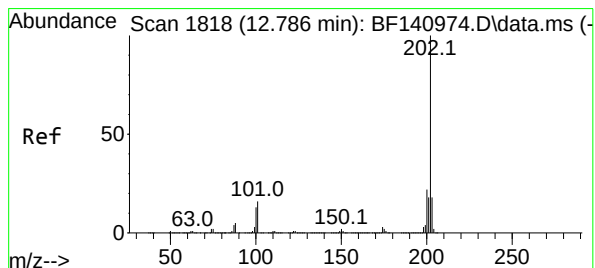
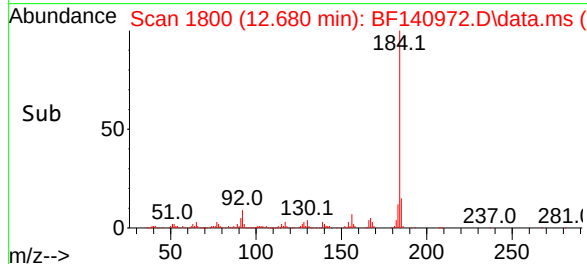
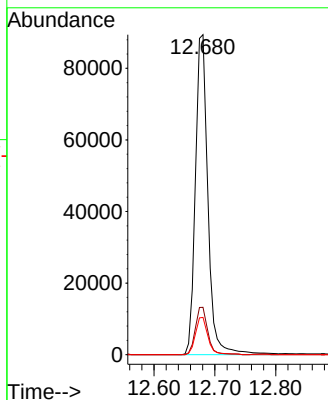
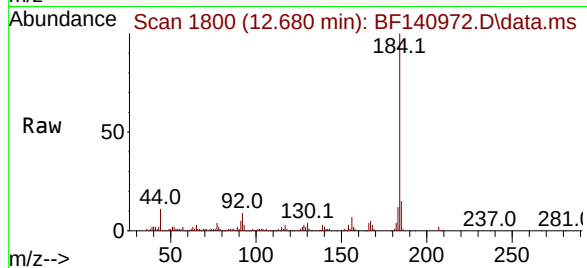




#77
Benzidine
Concen: 7.873 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

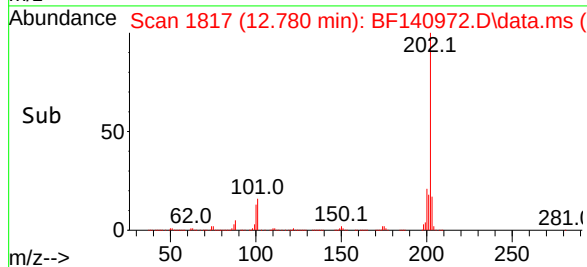
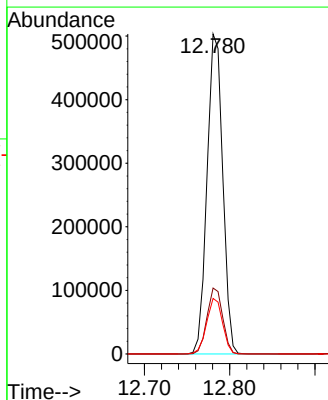
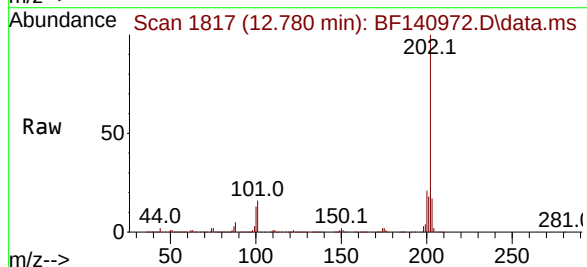
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

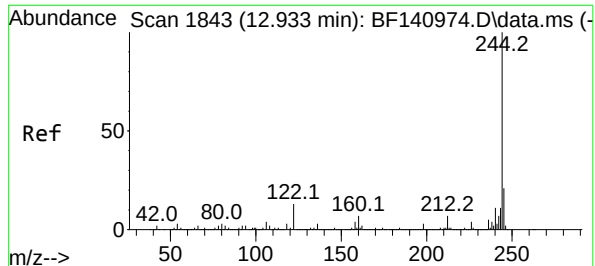
Tgt Ion:184 Resp: 127969
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 11.6 9.4 14.0



#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

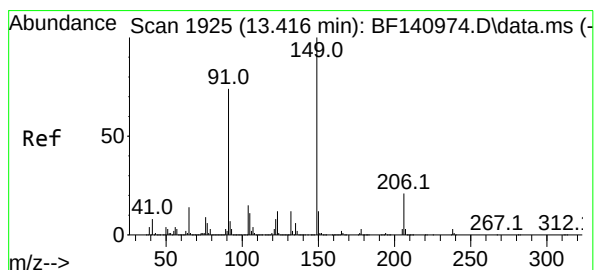
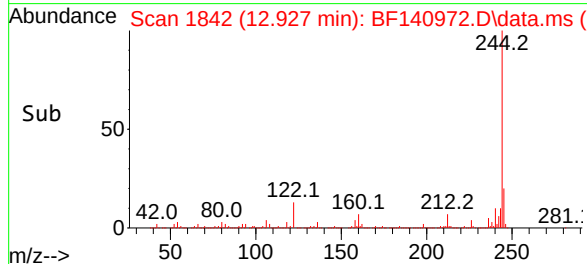
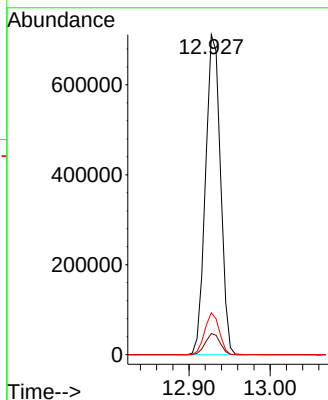
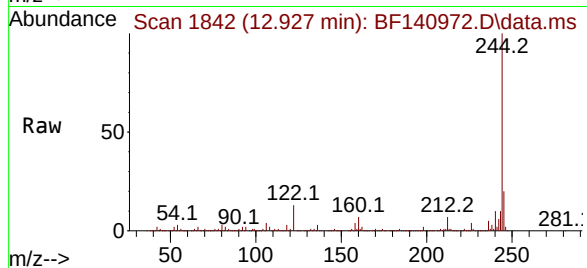




#79
Terphenyl-d14
Concen: 19.616 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

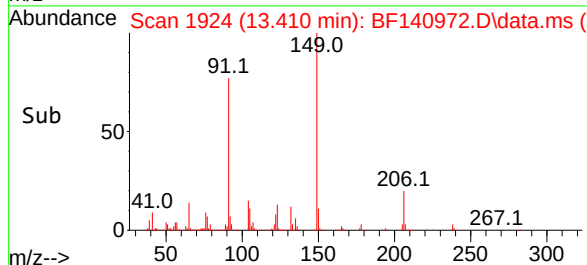
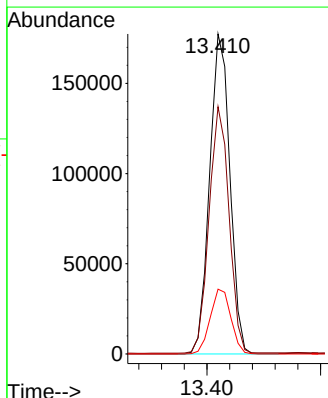
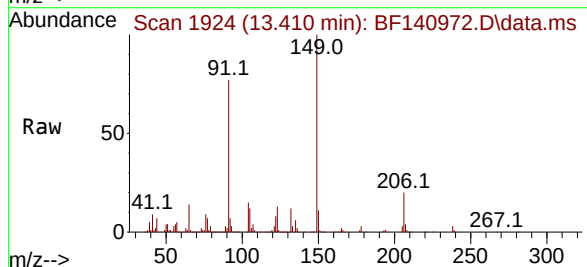
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

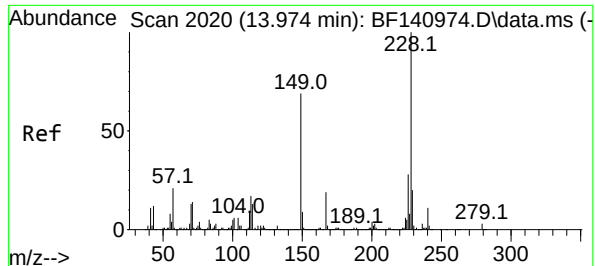
Tgt Ion:244 Resp: 908253
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 13.1 10.2 15.2



#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

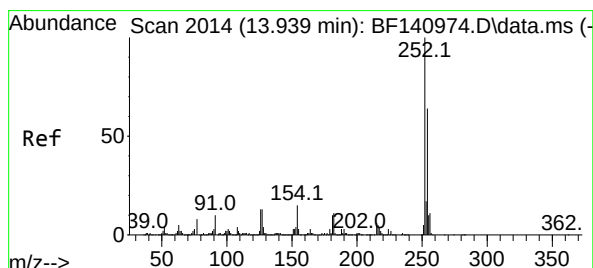
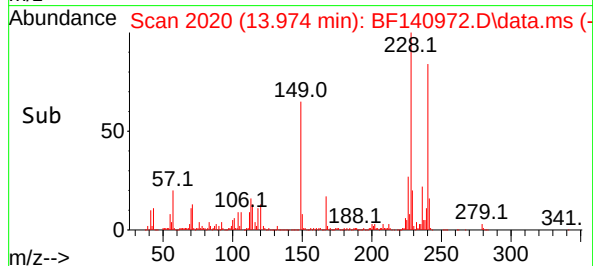
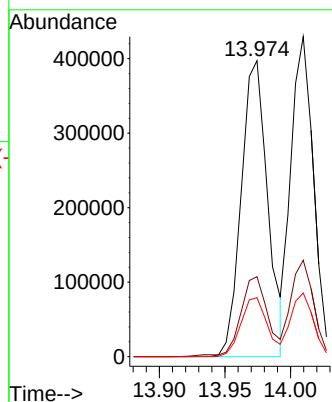
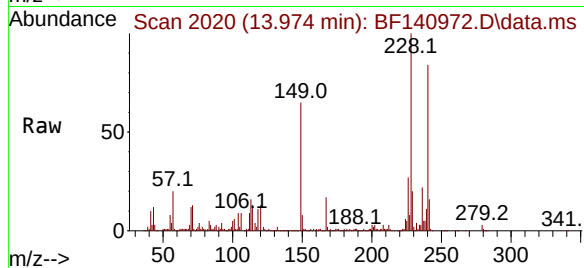




#81
Benzo(a)anthracene
Concen: 10.419 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

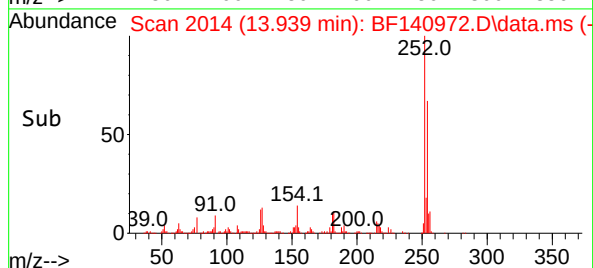
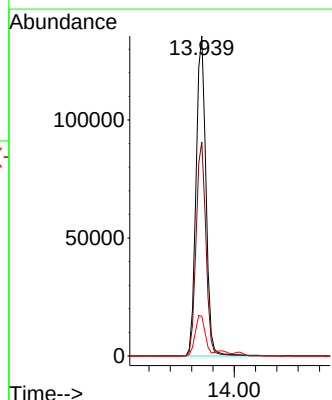
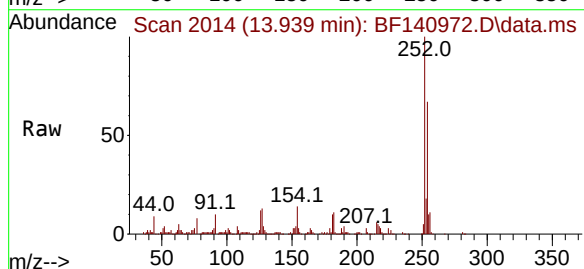
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

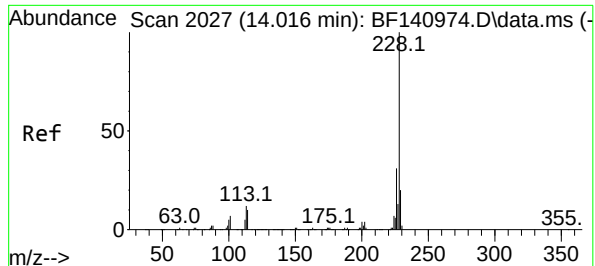
Tgt Ion:228 Resp: 558462
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.9 16.2 24.2



#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

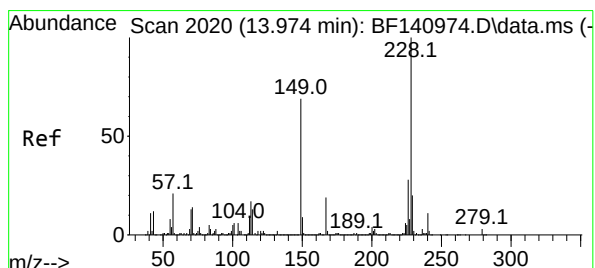
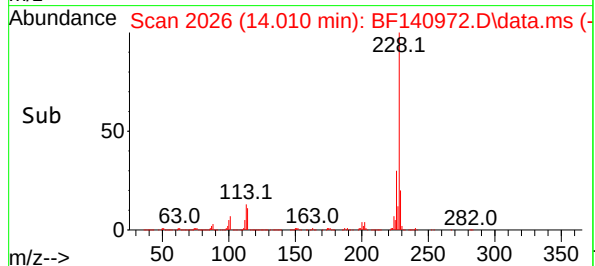
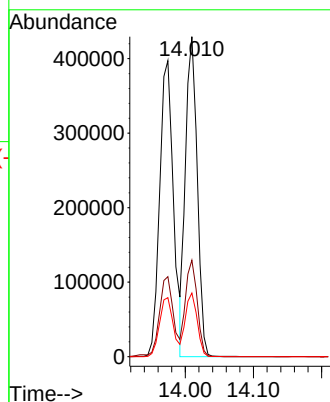
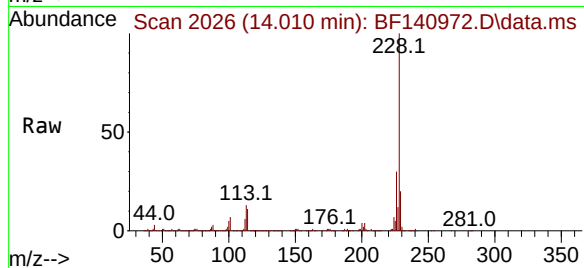
Tgt Ion:228 Resp: 511519

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

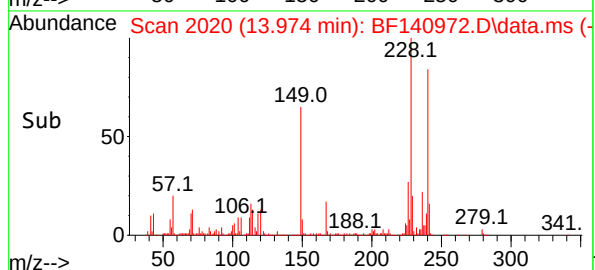
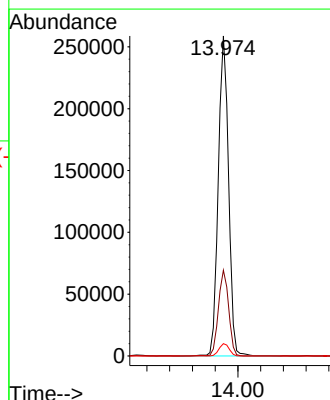
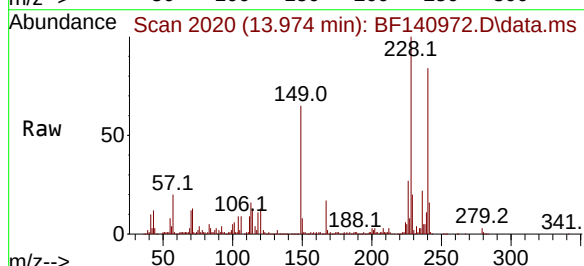
Tgt Ion:149 Resp: 323647

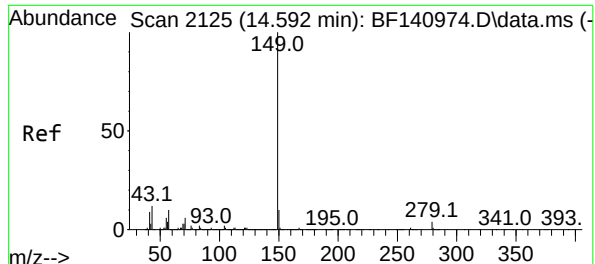
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 3.9 3.2 4.8

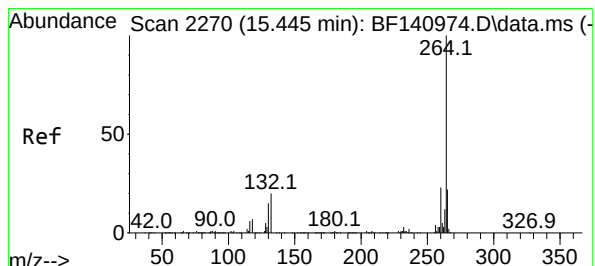
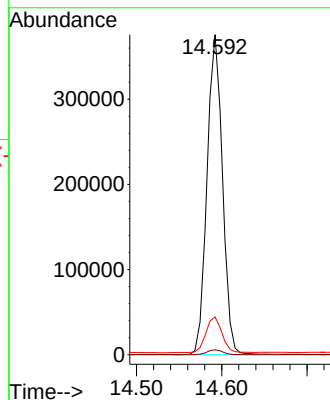
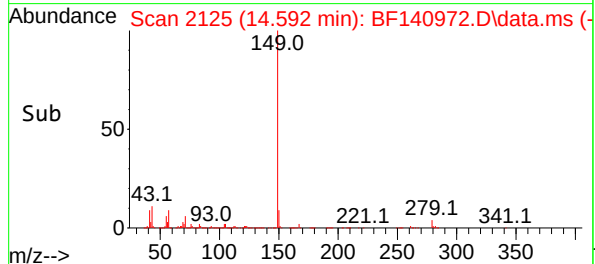
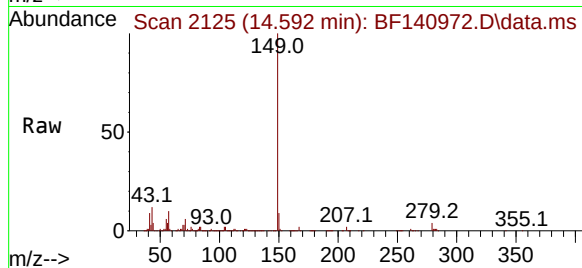




#85
Di-n-octyl phthalate
Concen: 10.269 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

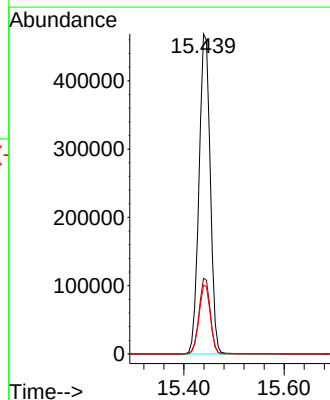
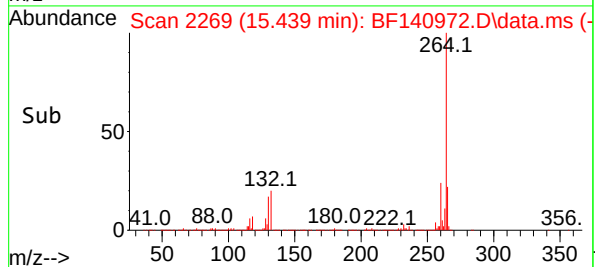
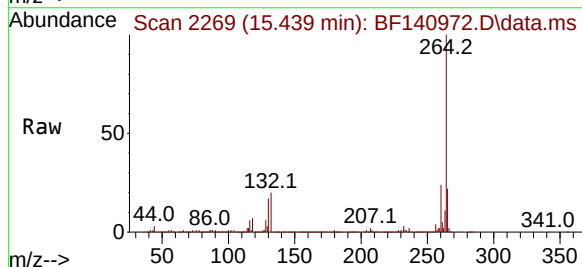
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

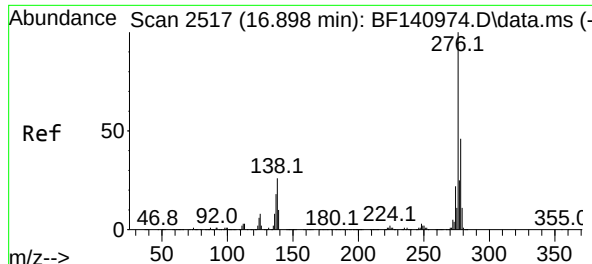
Tgt Ion:149 Resp: 473516
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.8 9.3 13.9



#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

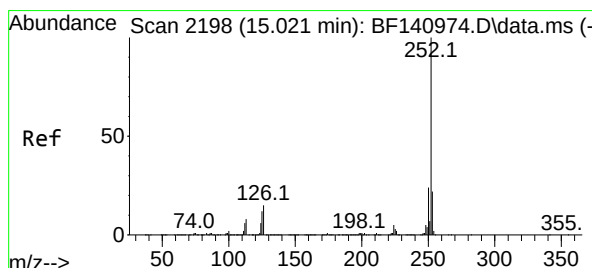
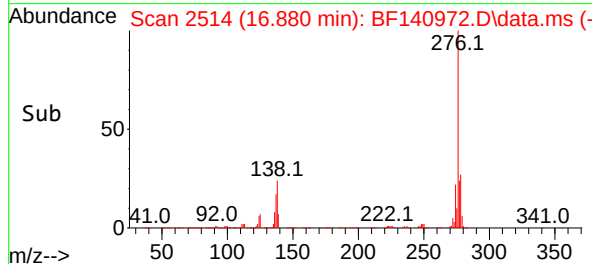
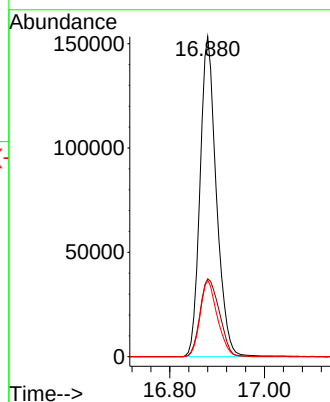
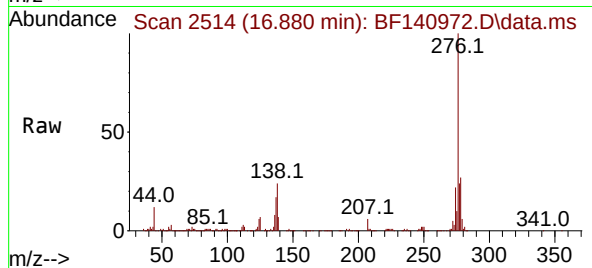




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.004 ng
RT: 16.880 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF140972.D
Acq: 26 Dec 2024 17:15

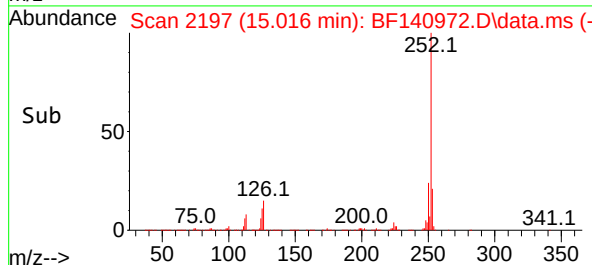
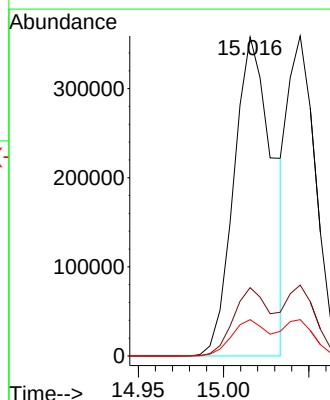
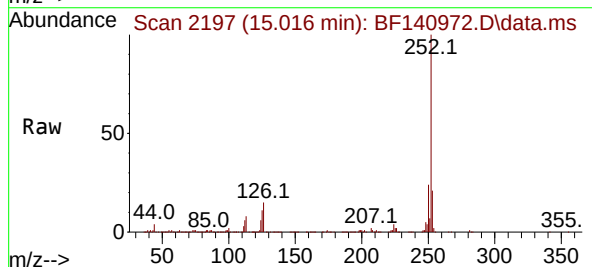
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

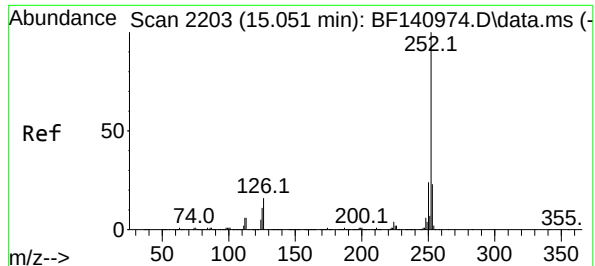
Tgt Ion:276 Resp: 365994
Ion Ratio Lower Upper
276 100
138 29.0 23.1 34.7
277 25.1 20.4 30.6



#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

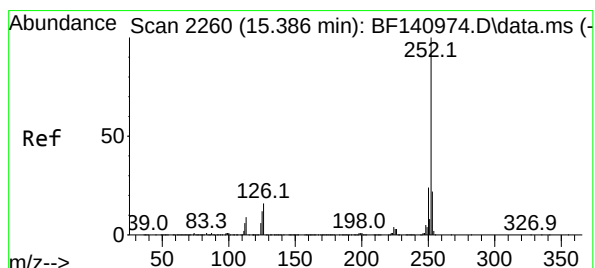
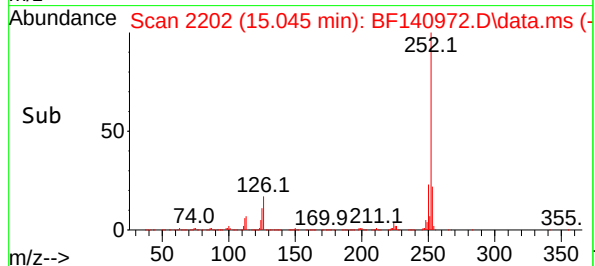
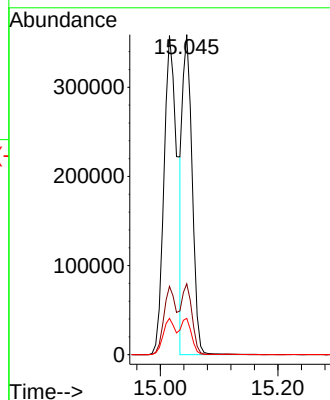
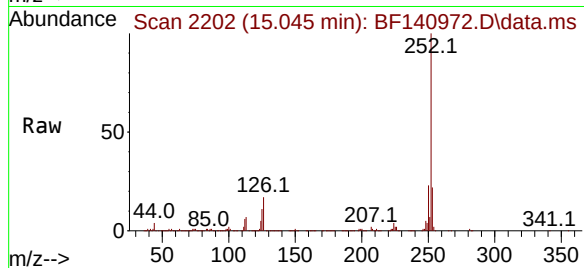
Tgt Ion:252 Resp: 406884

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

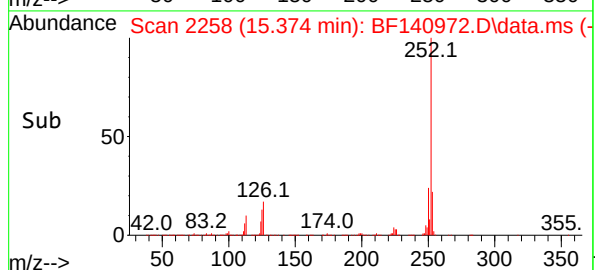
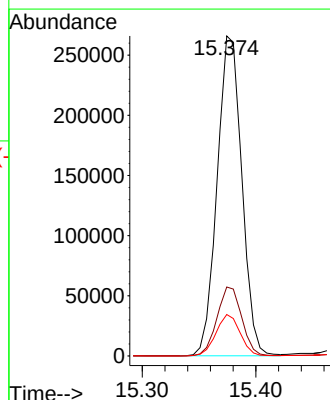
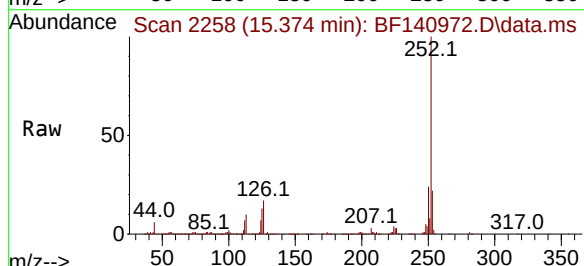
Tgt Ion:252 Resp: 401924

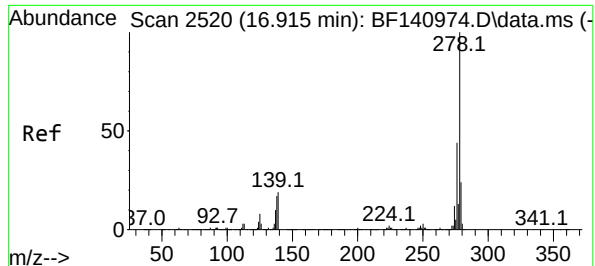
Ion Ratio Lower Upper

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

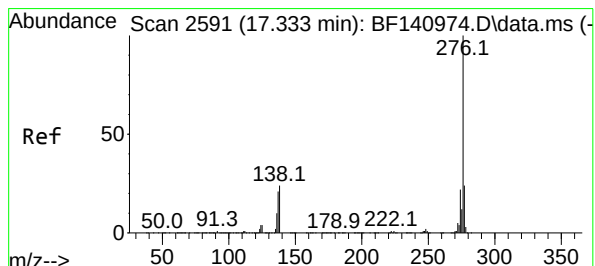
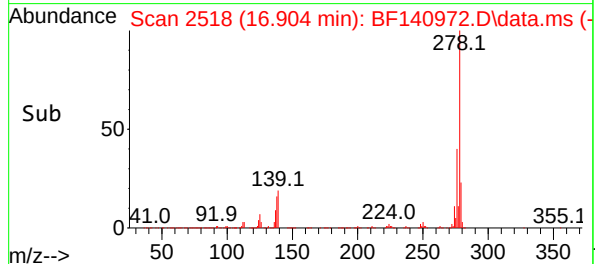
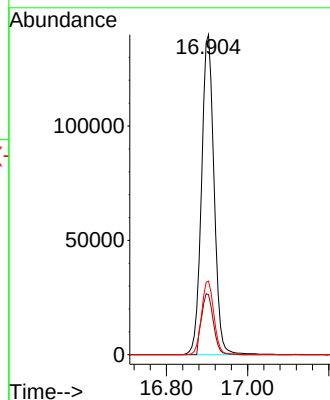
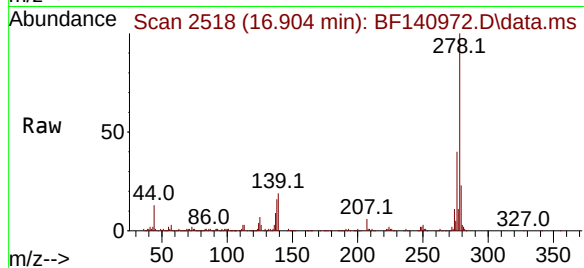
Tgt Ion:278 Resp: 300782

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

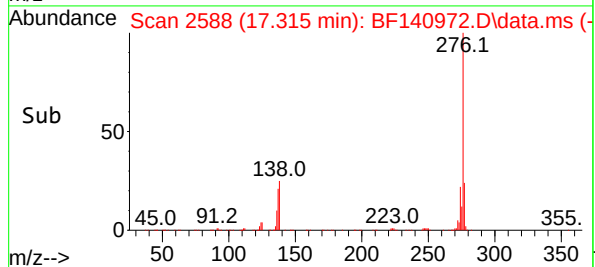
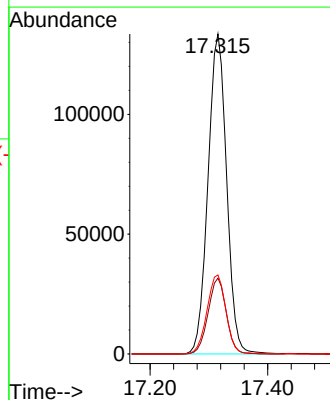
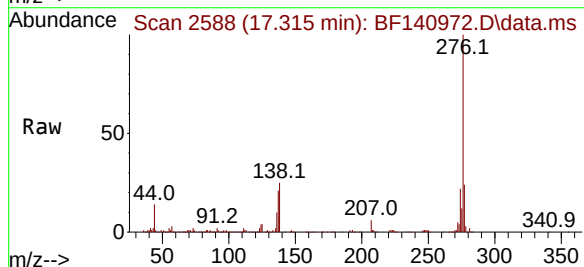
Tgt Ion:276 Resp: 294254

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

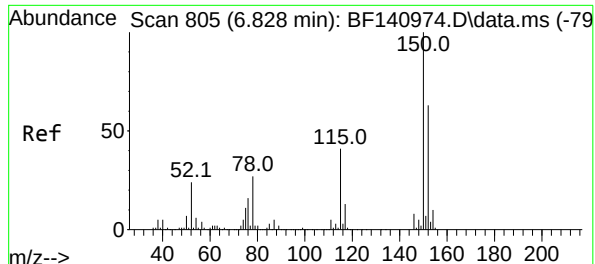
Quant Time: Dec 27 00:19:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:11:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	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

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

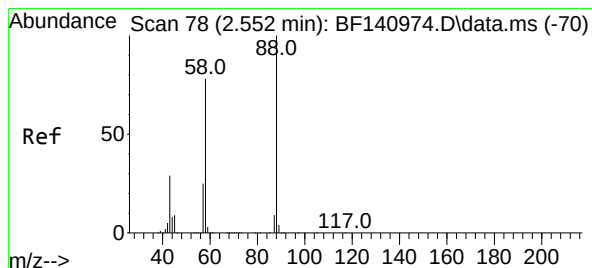
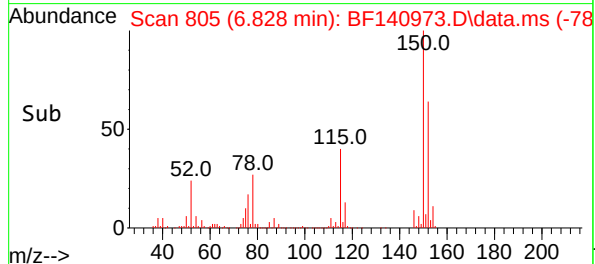
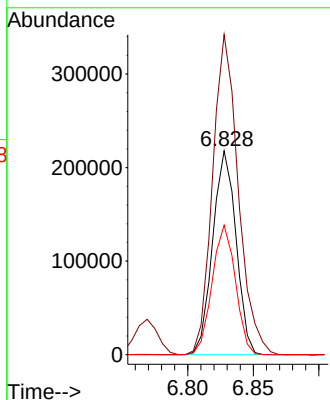
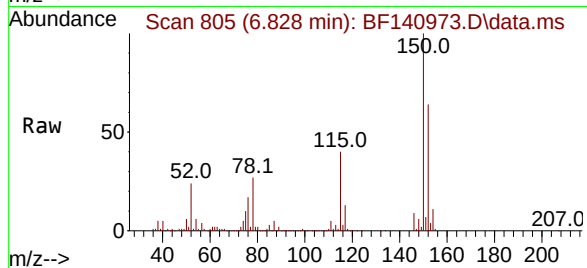
[illegible]



#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

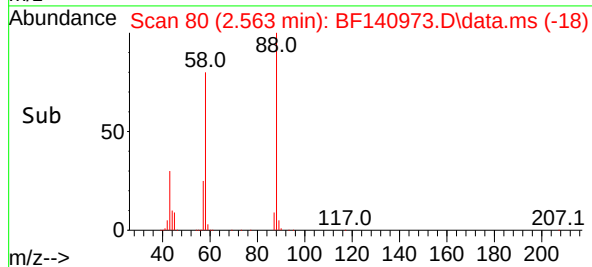
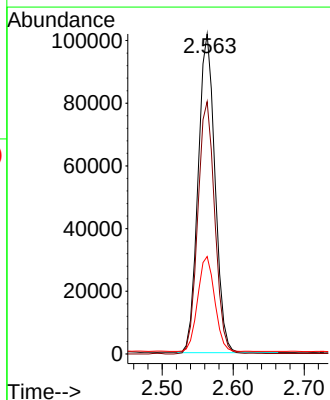
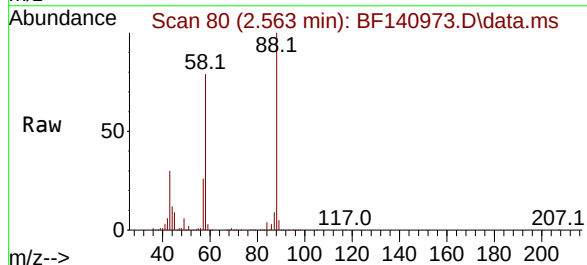
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

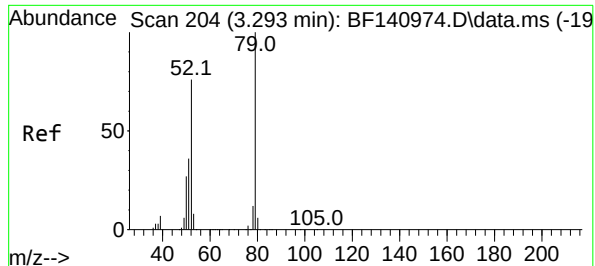
Tgt Ion:152 Resp: 269565
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.6
115 63.5 51.7 77.5



#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

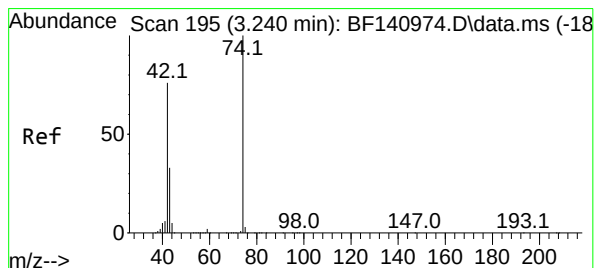
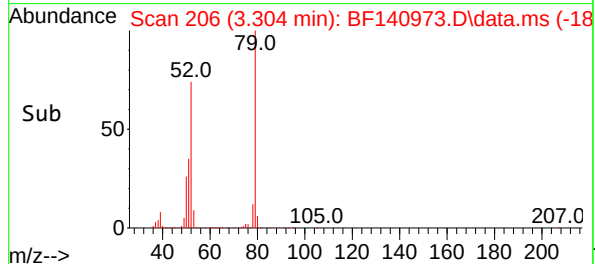
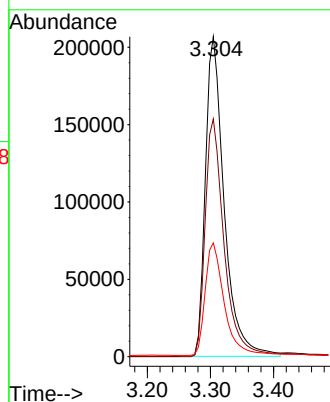
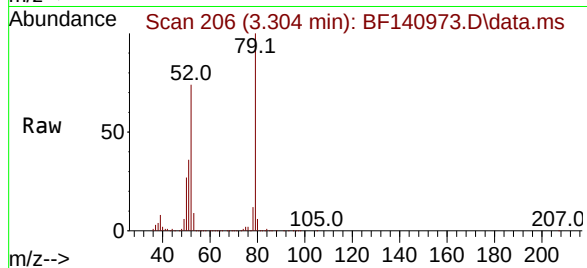




#3
Pyridine
Concen: 21.543 ng
RT: 3.304 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

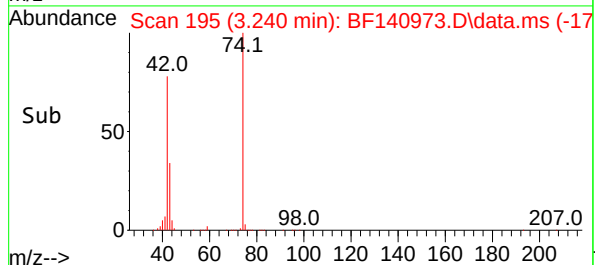
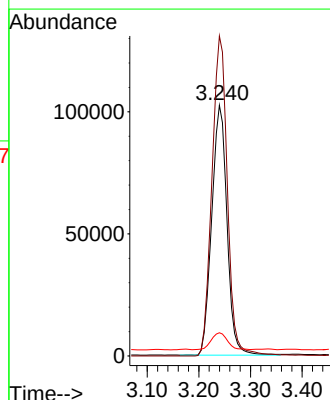
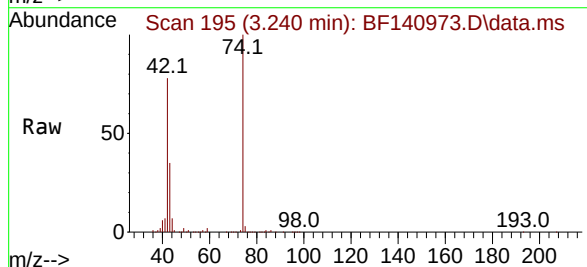
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

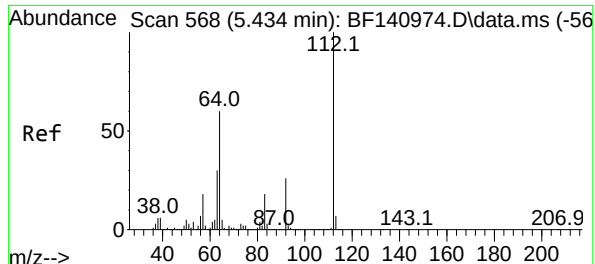
Tgt Ion: 79 Resp: 426244
Ion Ratio Lower Upper
79 100
52 74.3 60.4 90.6
51 35.5 28.8 43.2



#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

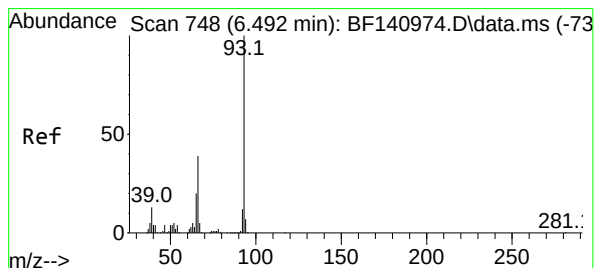
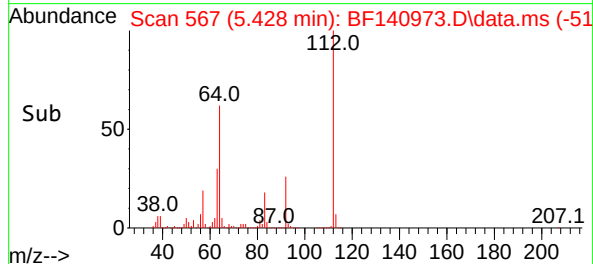
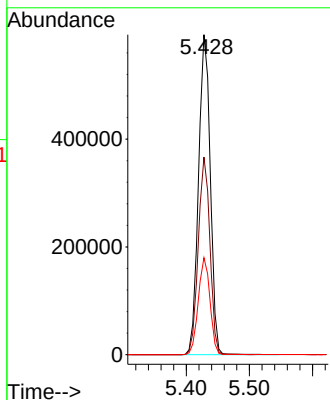
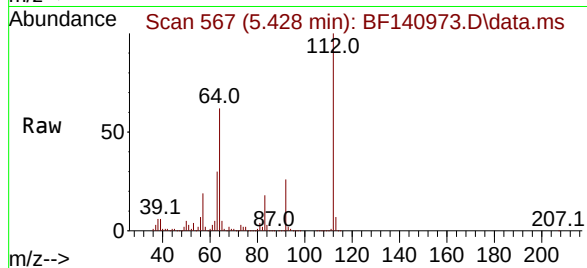




#5
2-Fluorophenol
Concen: 42.912 ng
RT: 5.428 min Scan# 509
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

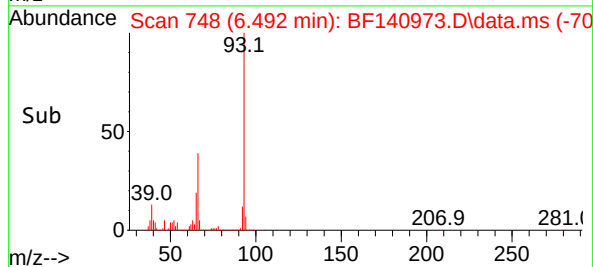
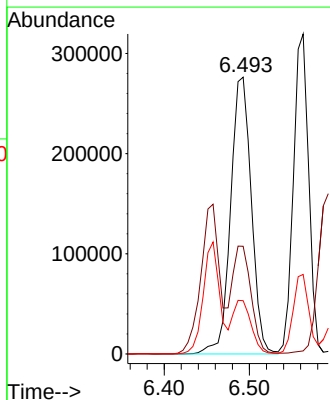
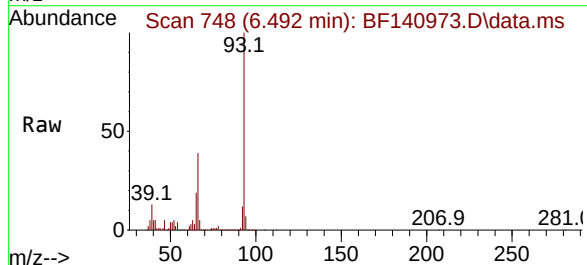
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

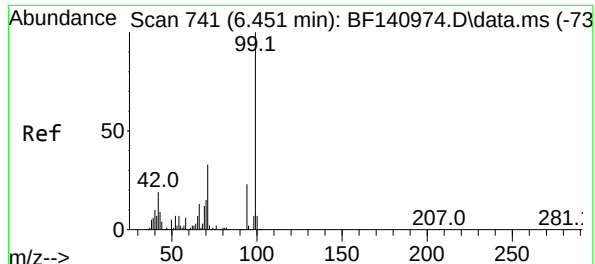
Tgt Ion:112 Resp: 767394
Ion Ratio Lower Upper
112 100
64 61.8 47.7 71.5
63 30.3 24.2 36.2



#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

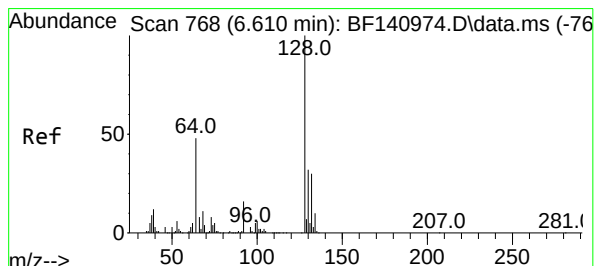
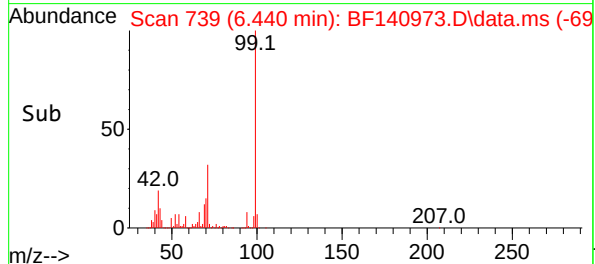
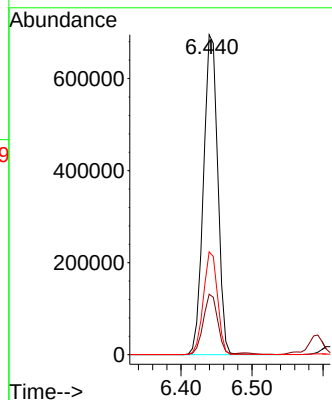
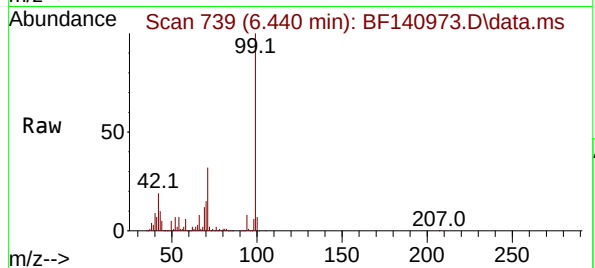




#7
Phenol-d6
Concen: 42.388 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

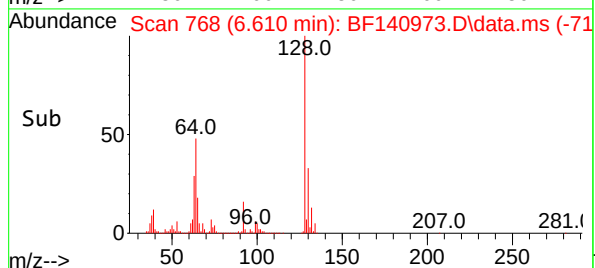
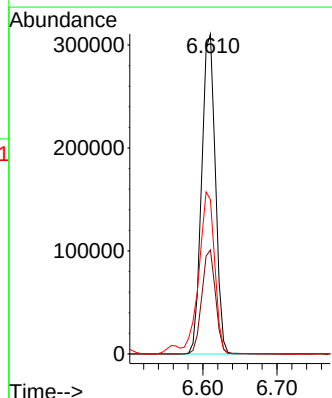
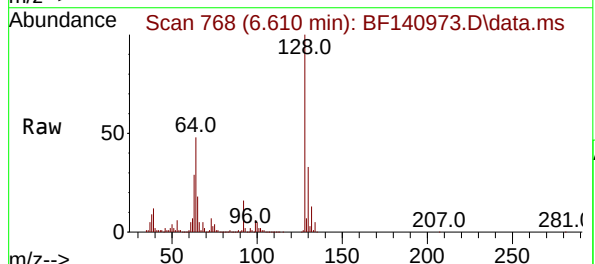
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

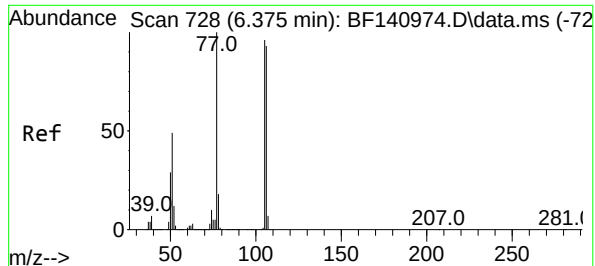
Tgt Ion: 99 Resp: 976492
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 32.2 26.2 39.2



#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

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

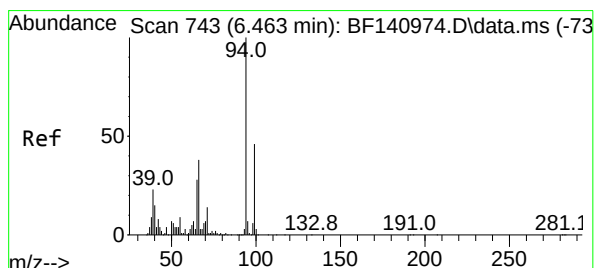
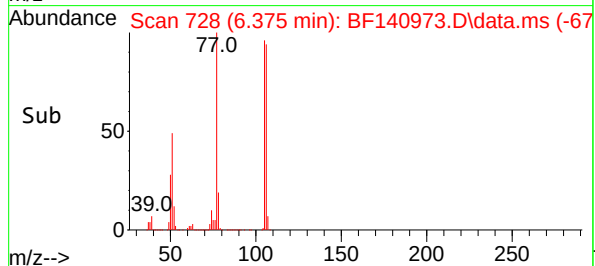
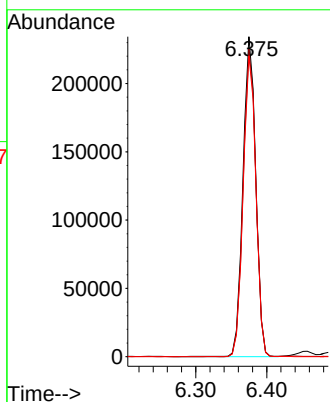
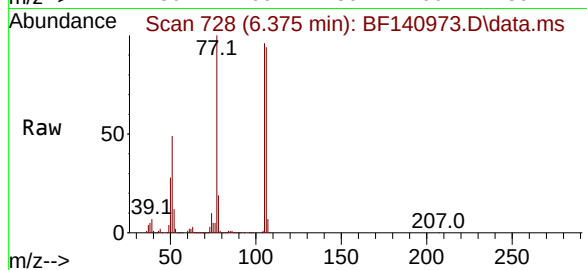
Tgt Ion: 77 Resp: 293566

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

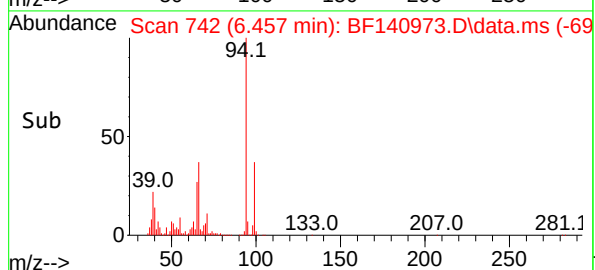
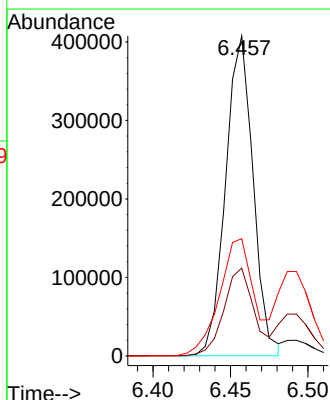
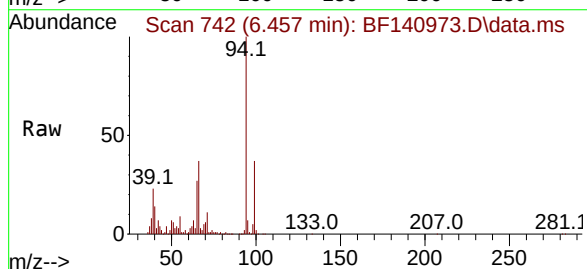
Tgt Ion: 94 Resp: 502959

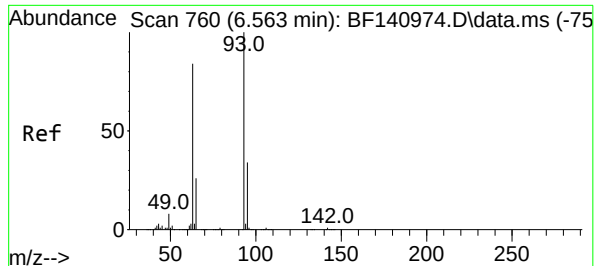
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

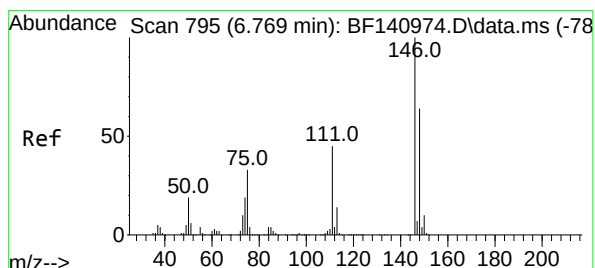
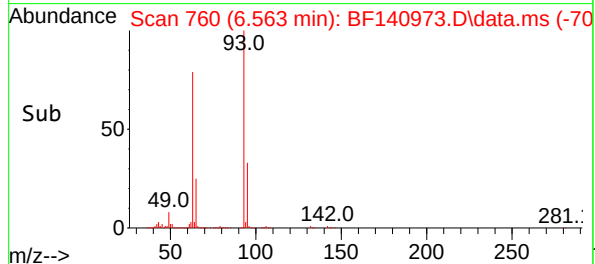
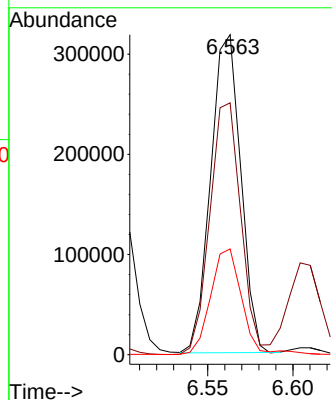
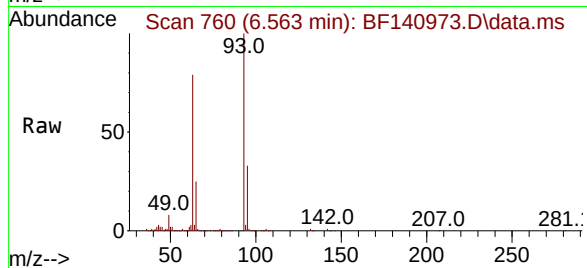
Tgt Ion: 93 Resp: 390561

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

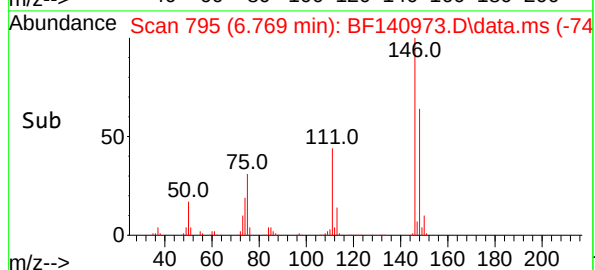
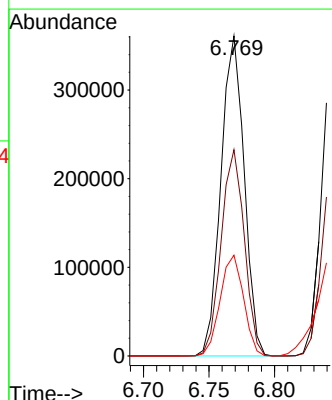
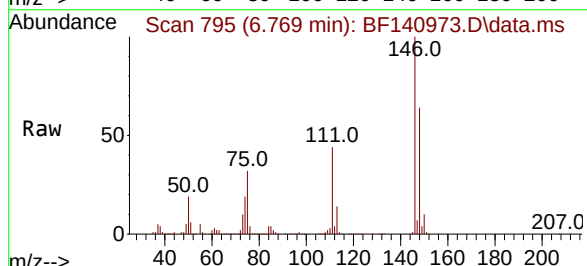
Tgt Ion:146 Resp: 444586

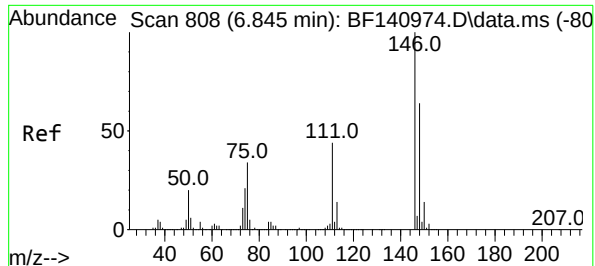
Ion Ratio Lower Upper

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

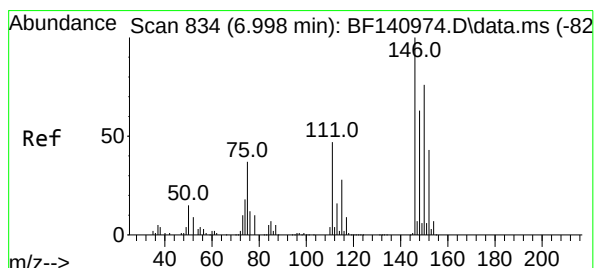
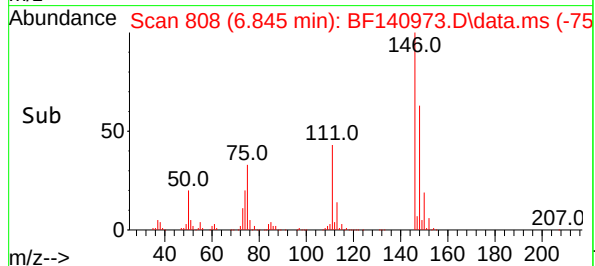
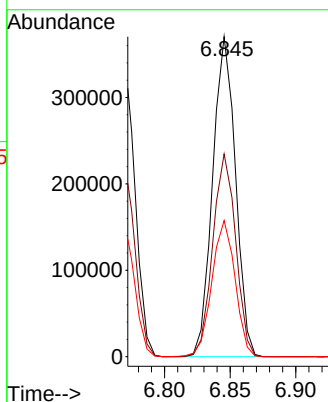
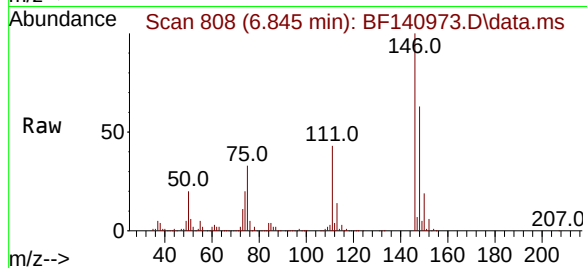
Tgt Ion:146 Resp: 447949

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

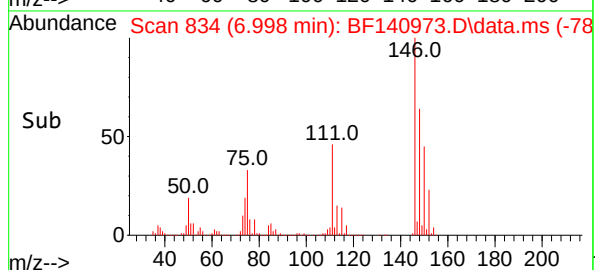
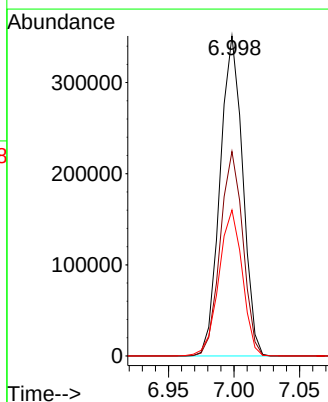
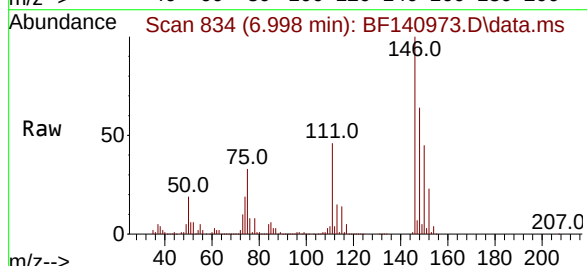
Tgt Ion:146 Resp: 421063

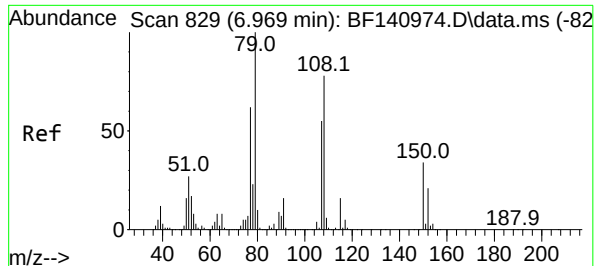
Ion Ratio Lower Upper

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

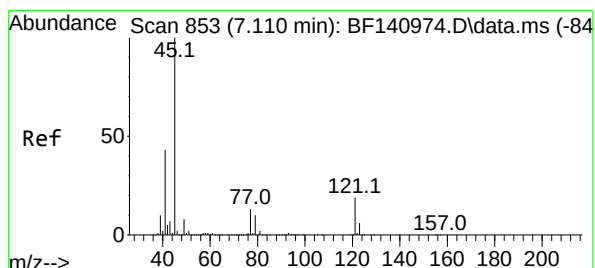
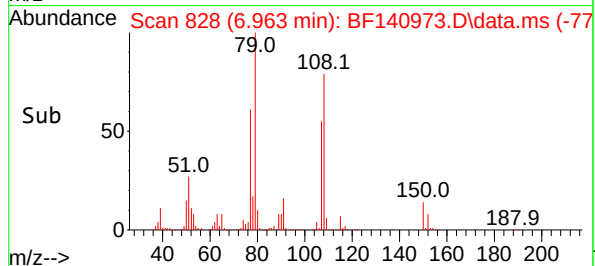
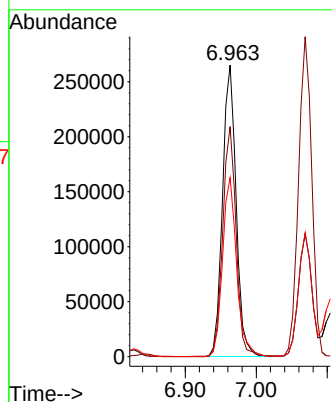
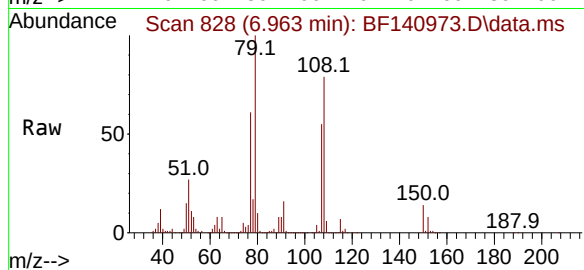
Tgt Ion: 79 Resp: 349962

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

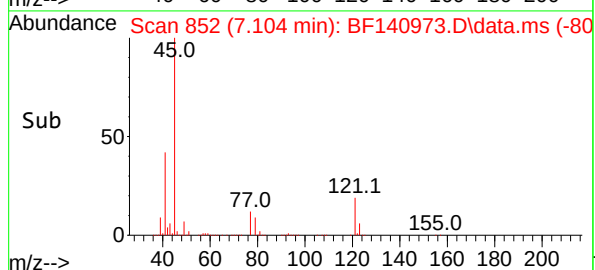
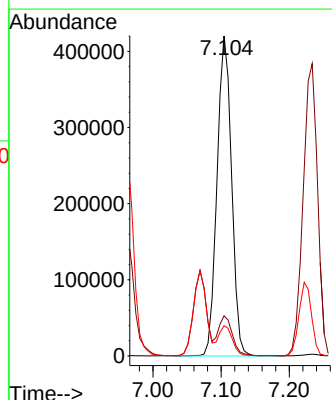
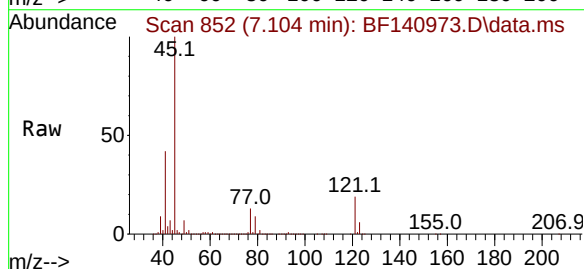
Tgt Ion: 45 Resp: 623448

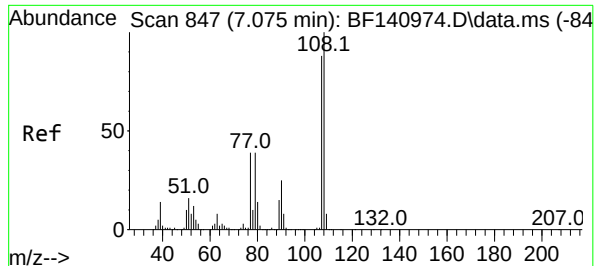
Ion Ratio Lower Upper

45 100

77 12.5 0.0 33.1

79 9.5 0.0 30.1

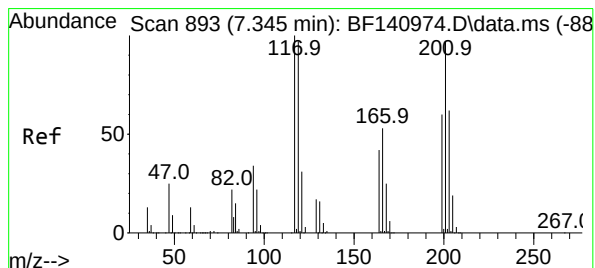
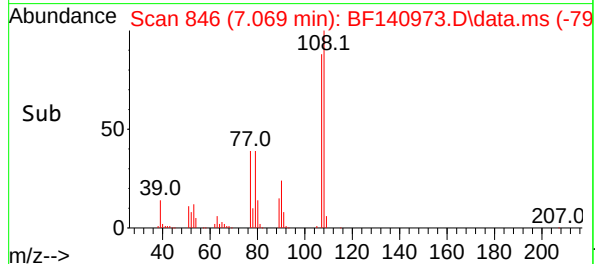
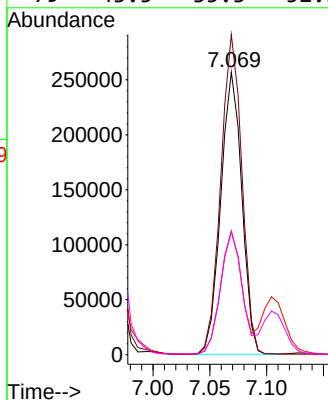
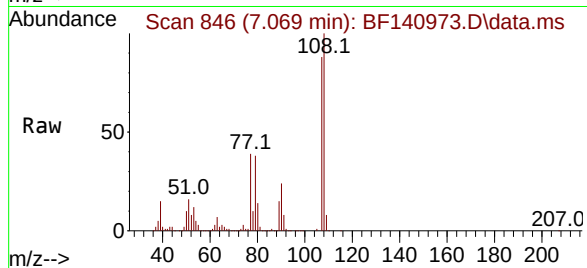




#17
2-Methylphenol
Concen: 21.106 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

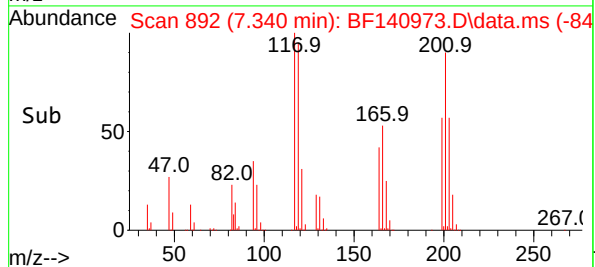
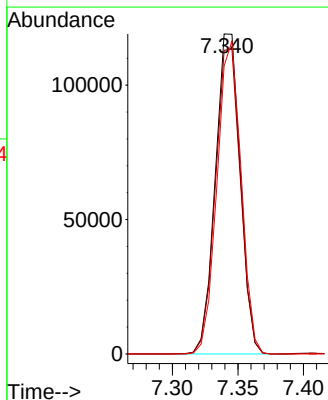
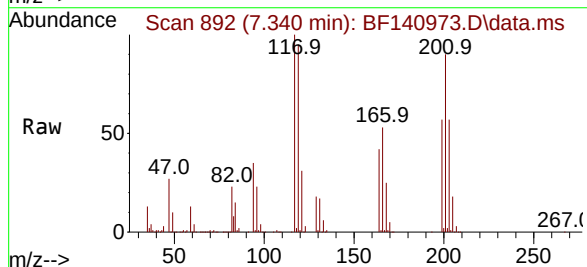
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

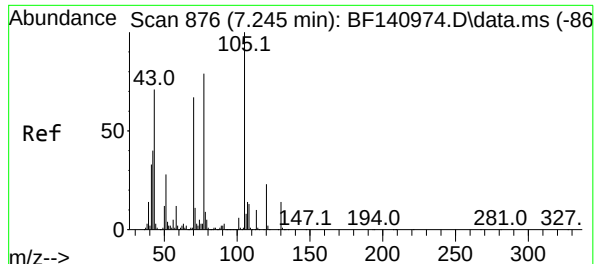
Tgt Ion:107 Resp: 330603
Ion Ratio Lower Upper
107 100
108 113.2 90.6 136.0
77 43.8 35.3 52.9
79 43.5 35.3 52.9



#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

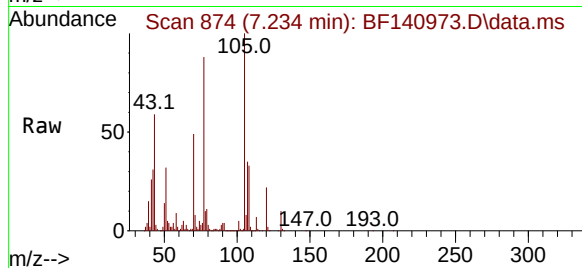
Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 290977

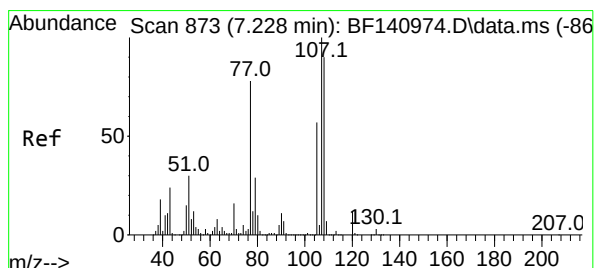
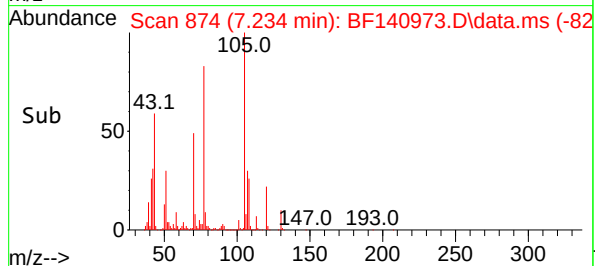
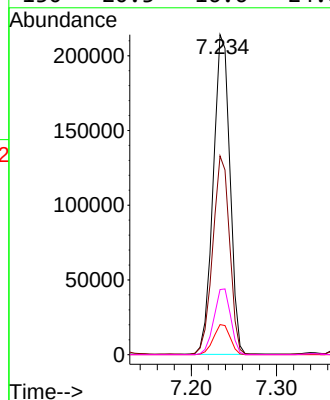
Ion Ratio Lower Upper

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

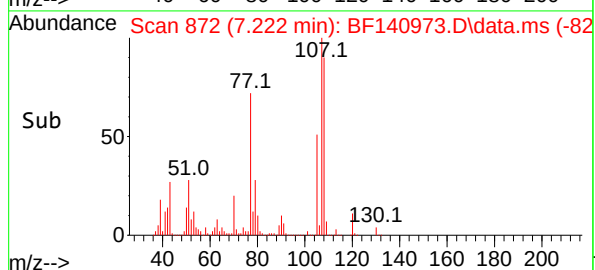
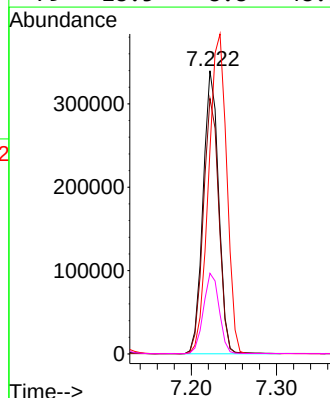
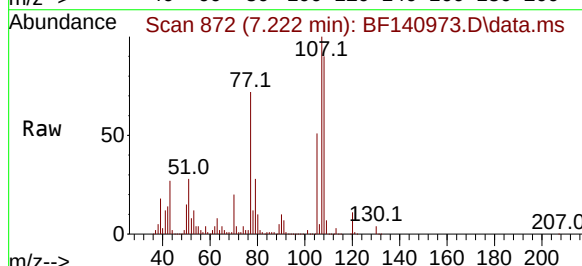
Ion Ratio Lower Upper

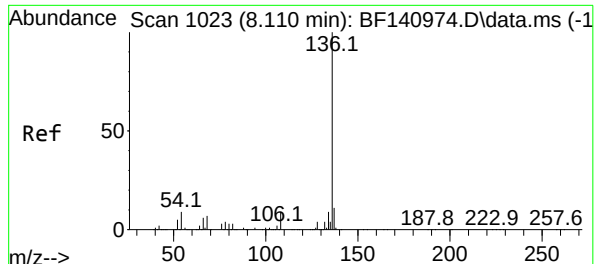
107 100

108 90.3 69.6 109.6

77 72.0 57.6 97.6

79 28.5 8.8 48.8

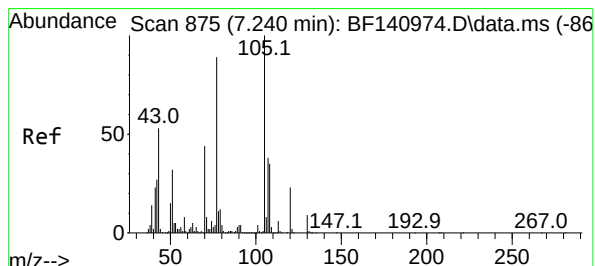
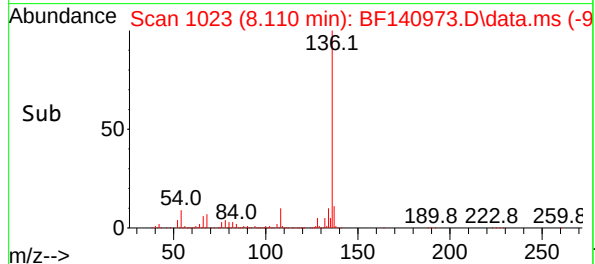
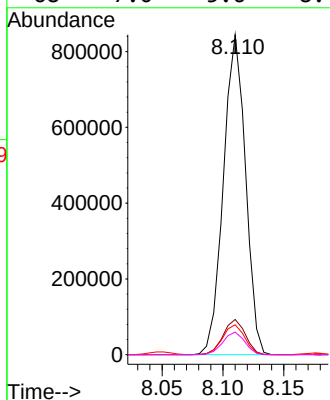
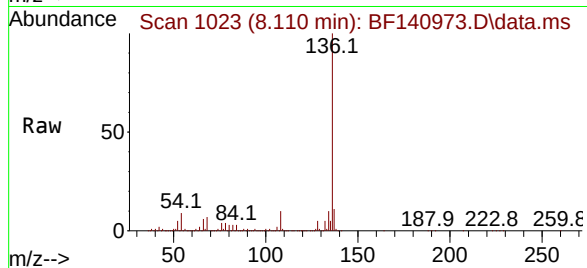




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

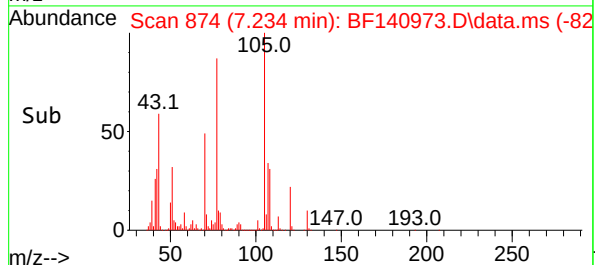
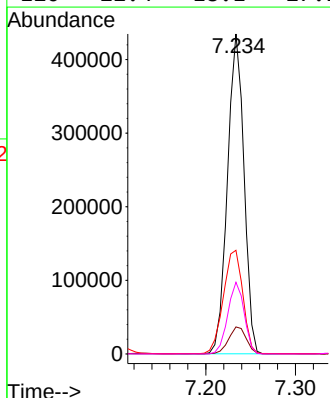
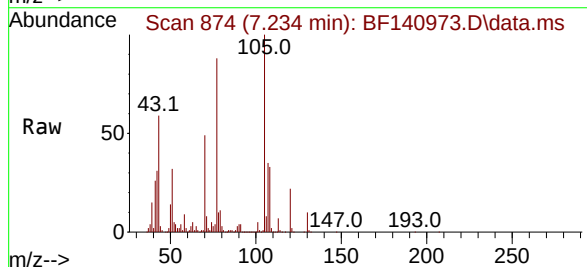
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

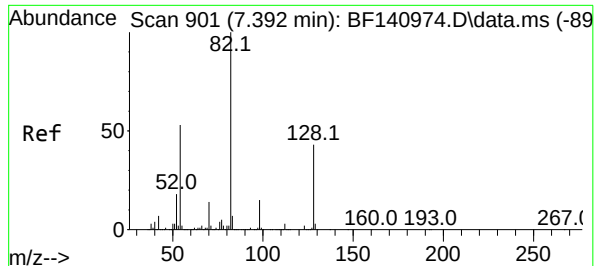
Tgt Ion:136 Resp: 1065985
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.4 7.6 11.4
68 7.0 5.6 8.4



#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

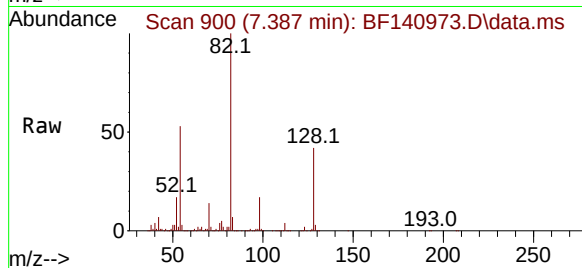
Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



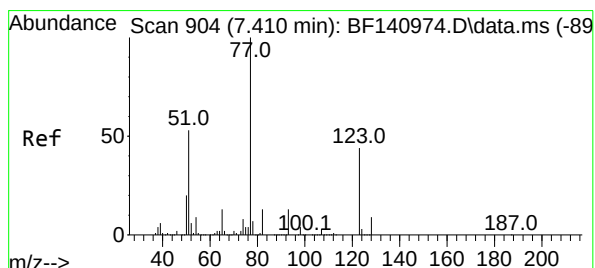
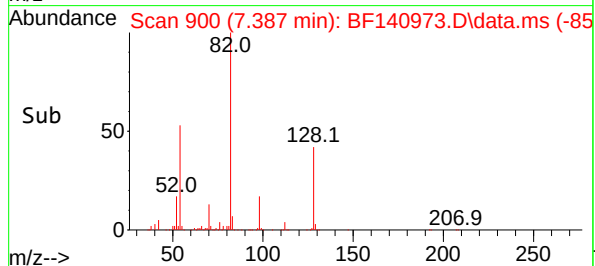
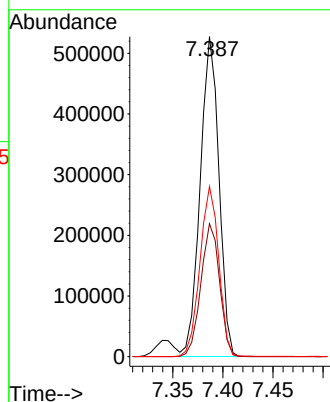
Tgt Ion: 82 Resp: 685087

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

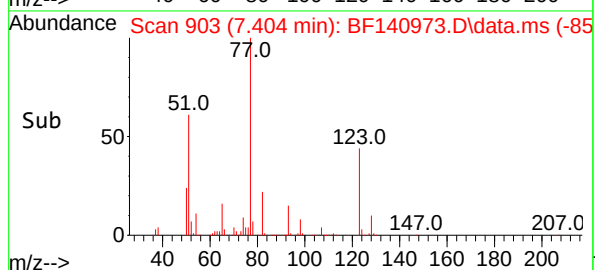
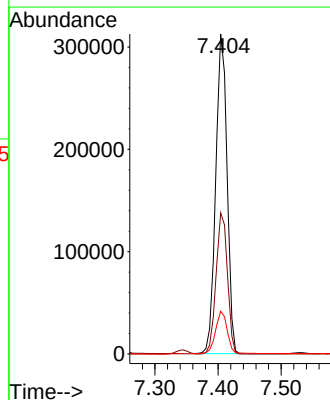
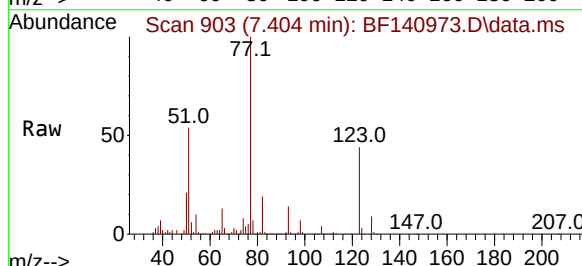
Tgt Ion: 77 Resp: 388514

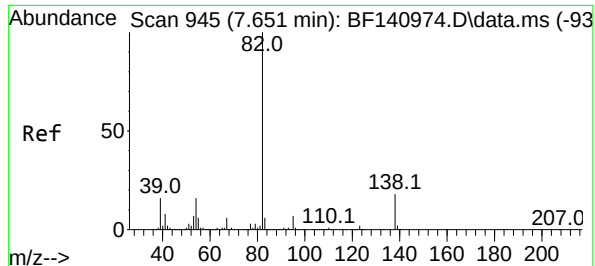
Ion Ratio Lower Upper

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 :

SSTDIC020

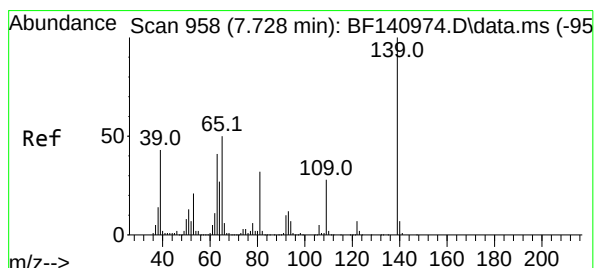
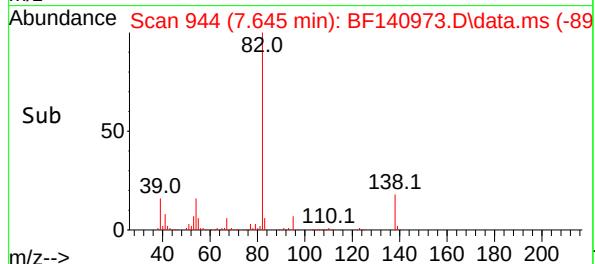
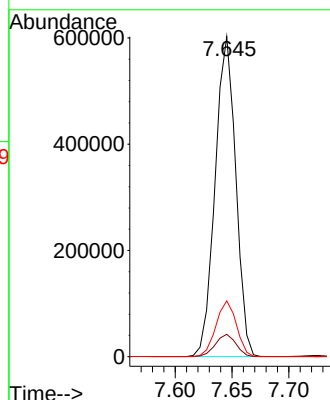
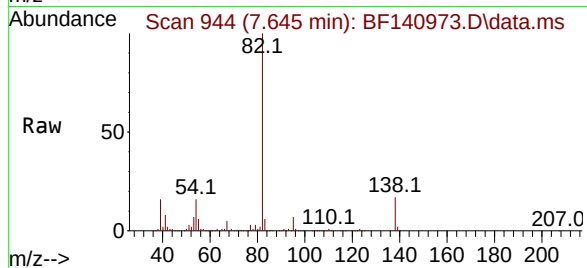
Tgt Ion: 82 Resp: 761280

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

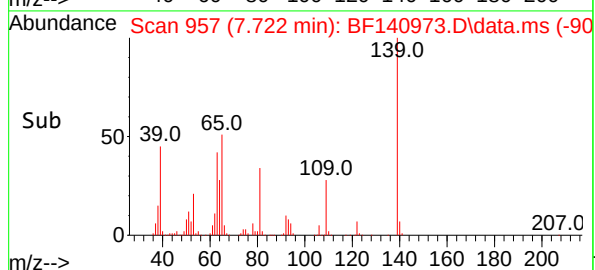
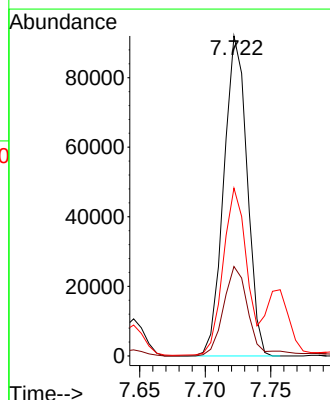
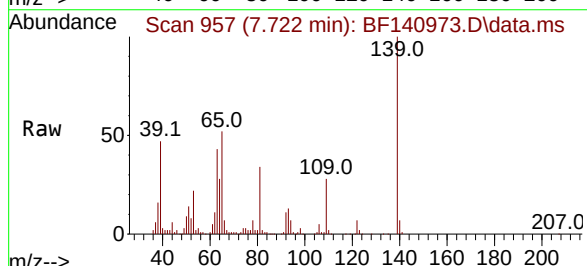
Tgt Ion:139 Resp: 113601

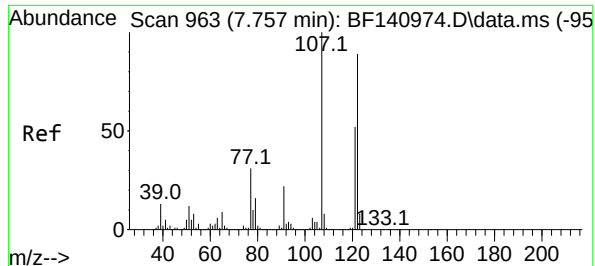
Ion Ratio Lower Upper

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 :

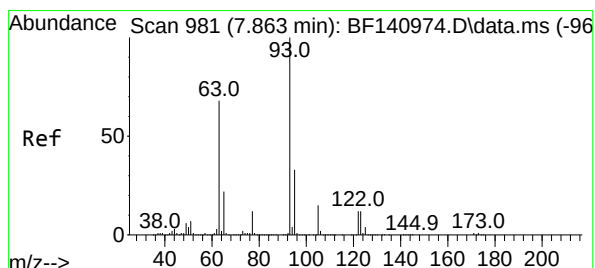
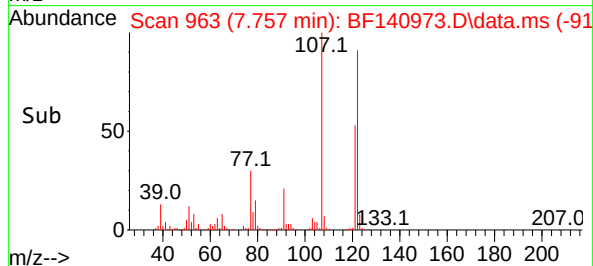
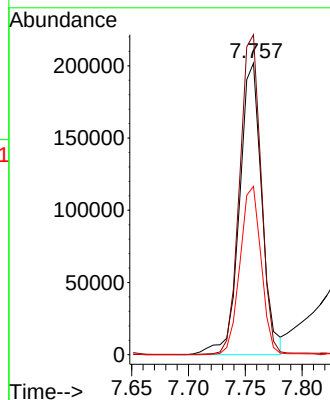
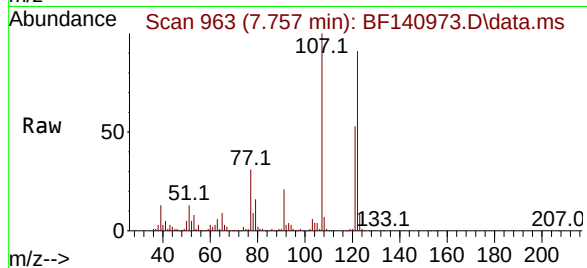
BNA_F

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

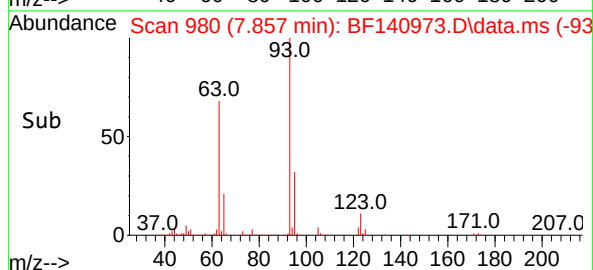
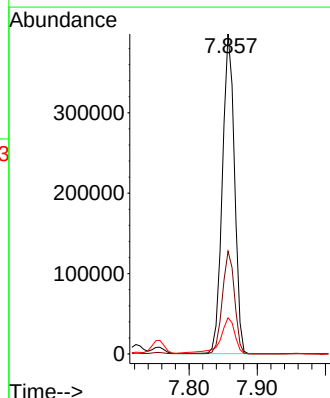
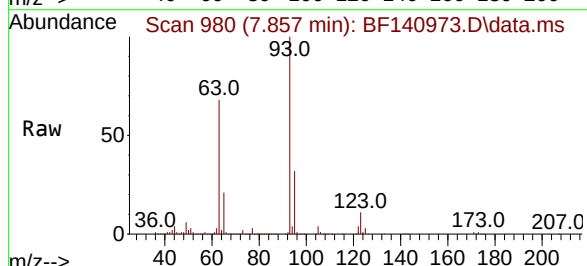
Delta R.T. -0.006 min

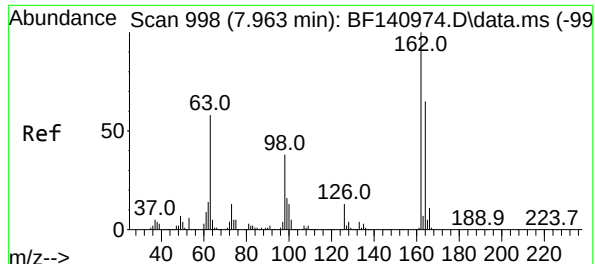
Lab File: BF140973.D

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

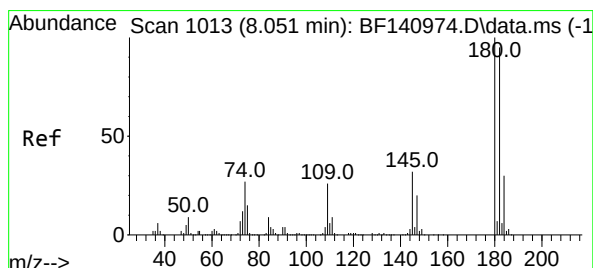
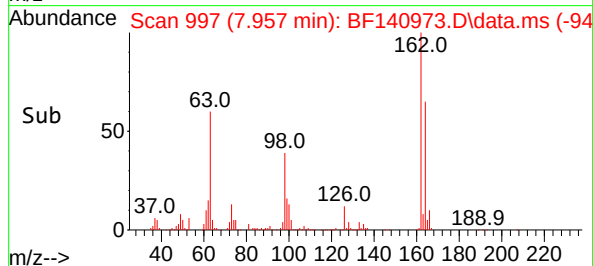
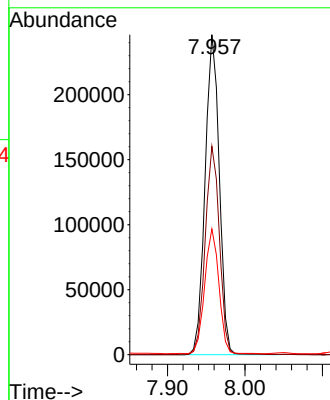
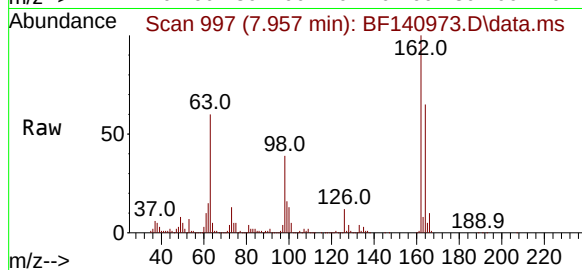
Tgt Ion:162 Resp: 314184

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

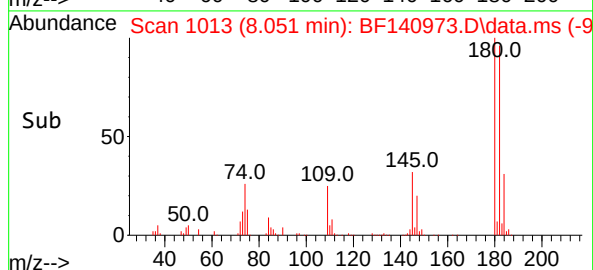
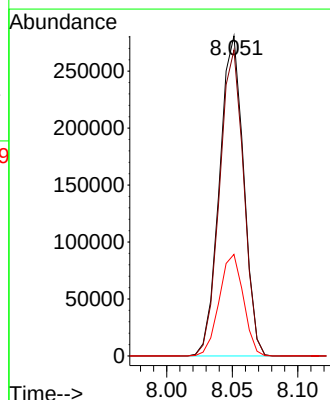
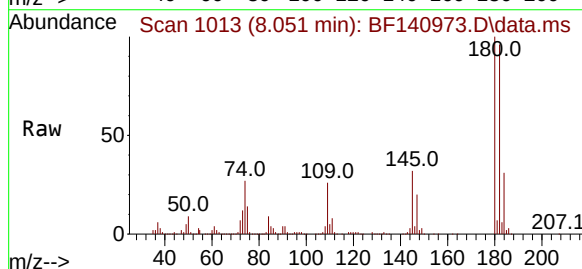
Tgt Ion:180 Resp: 359008

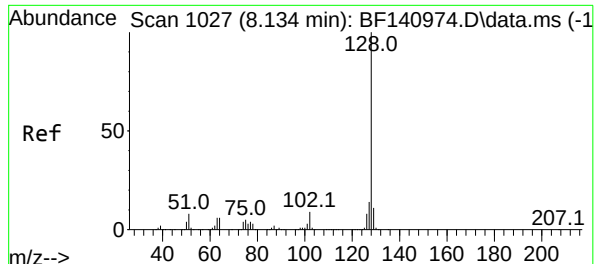
Ion Ratio Lower Upper

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

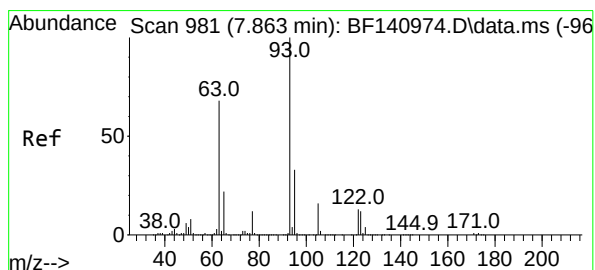
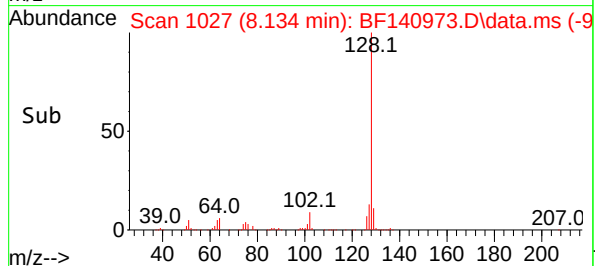
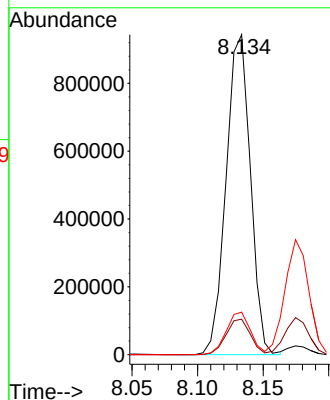
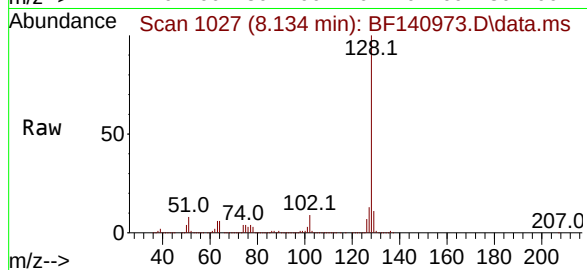
Tgt Ion:128 Resp: 1217616

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

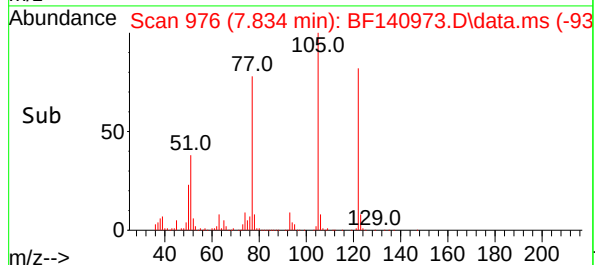
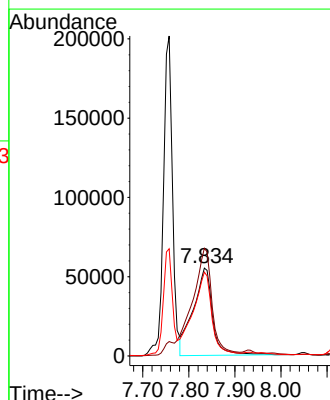
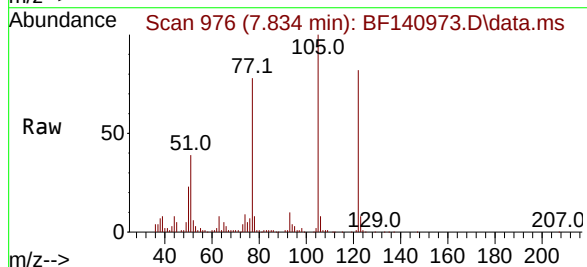
Tgt Ion:122 Resp: 161566

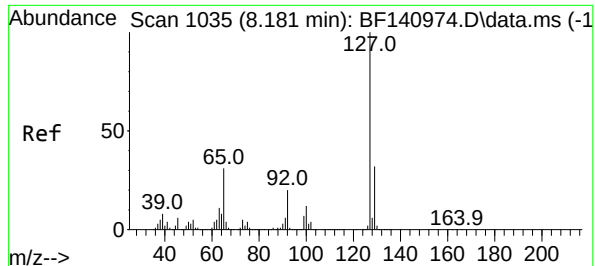
Ion Ratio Lower Upper

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

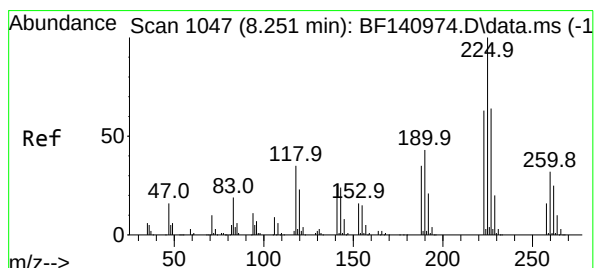
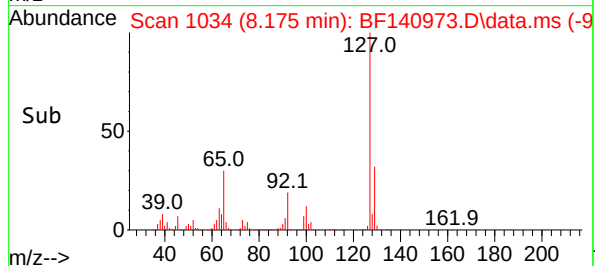
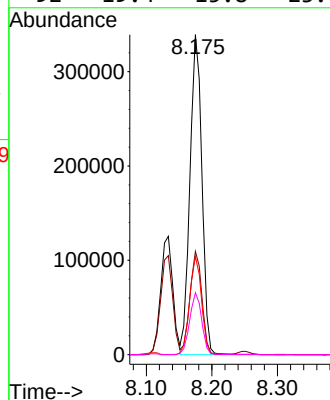
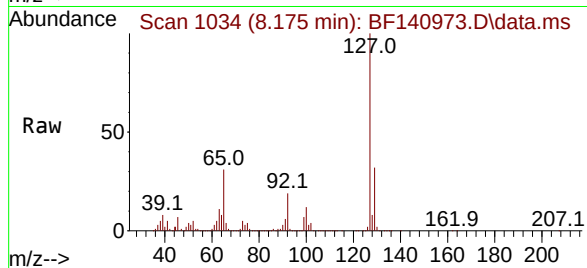
Ion Ratio Lower Upper

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

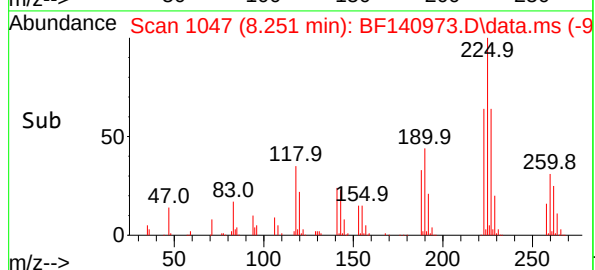
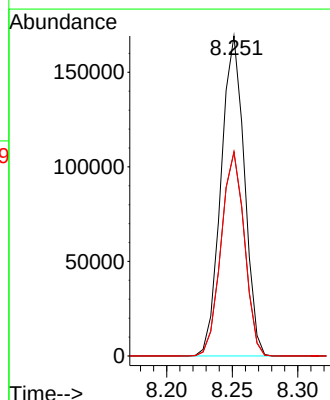
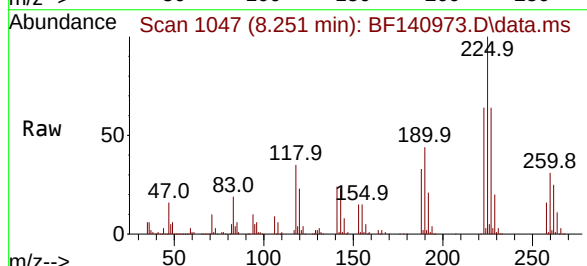
Tgt Ion:225 Resp: 209359

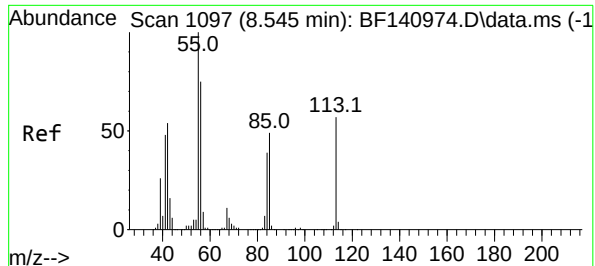
Ion Ratio Lower Upper

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

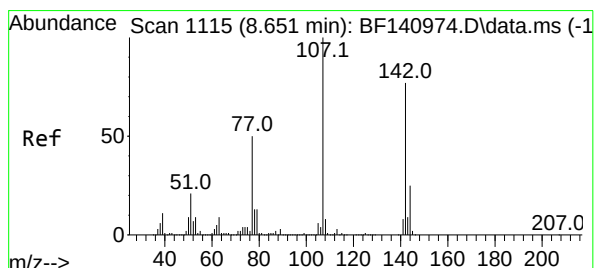
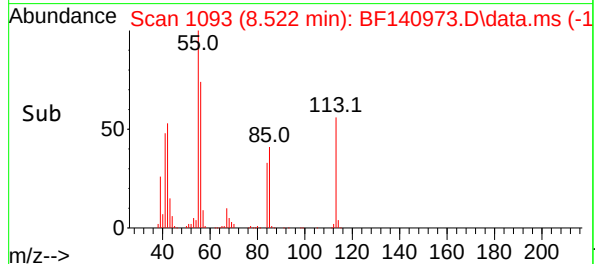
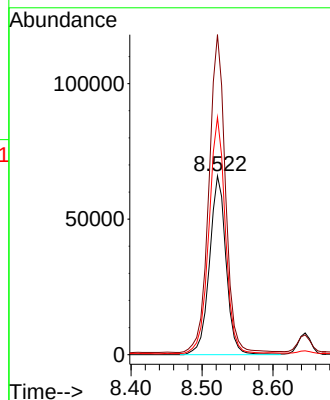
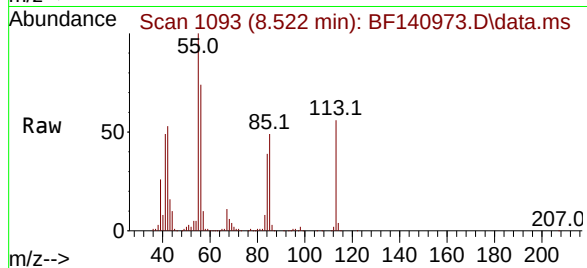
Tgt Ion:113 Resp: 106661

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

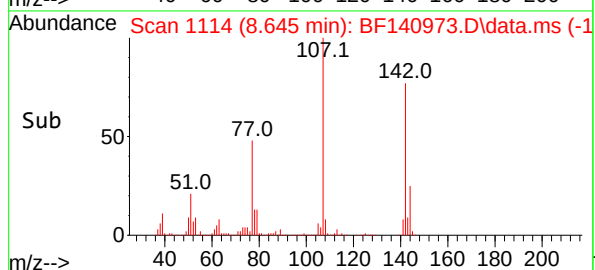
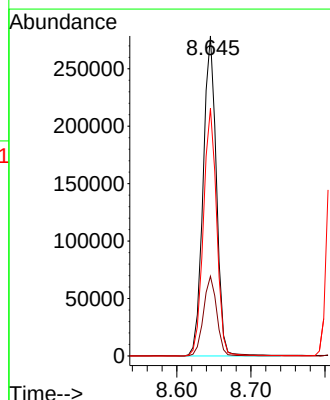
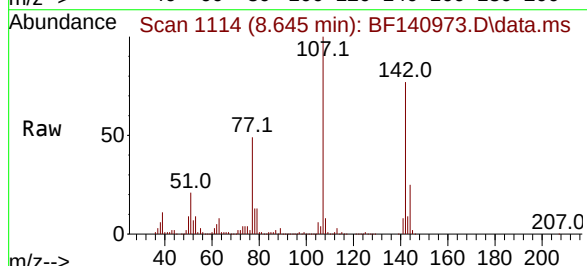
Tgt Ion:107 Resp: 348318

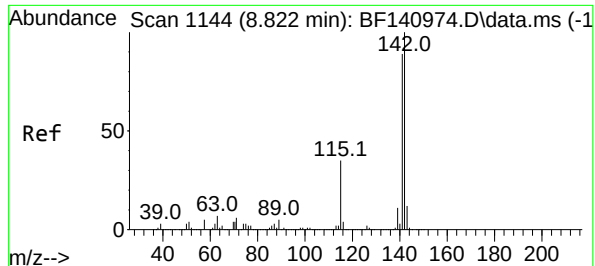
Ion Ratio Lower Upper

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 :

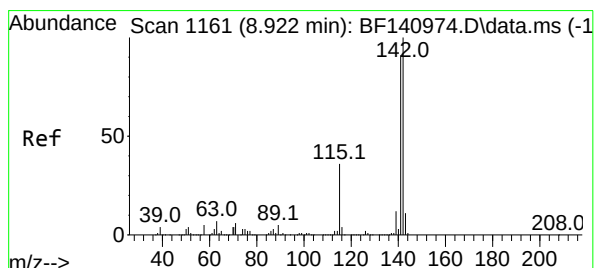
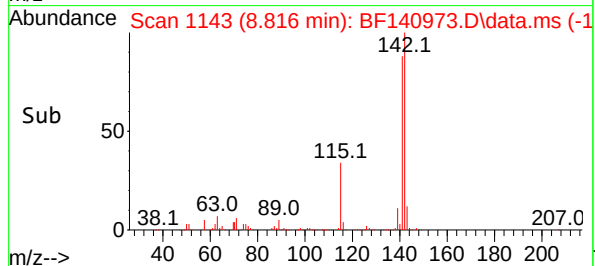
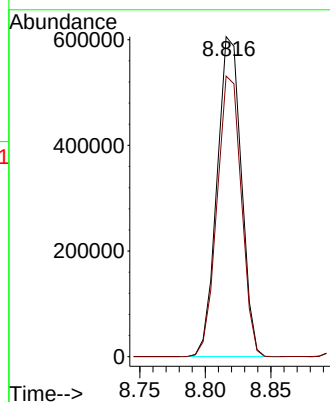
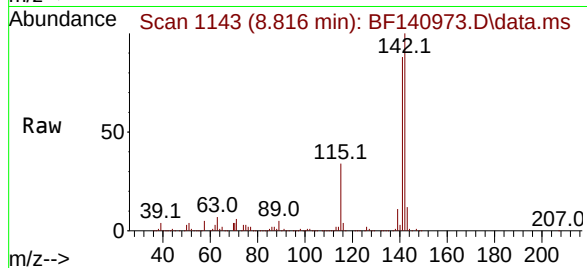
SSTDICC020

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

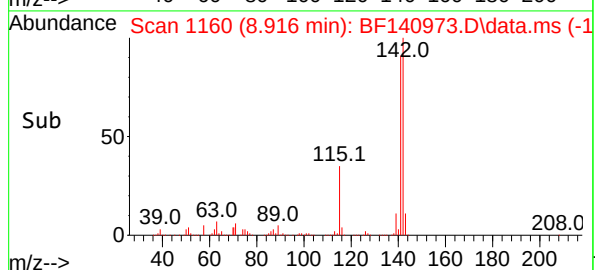
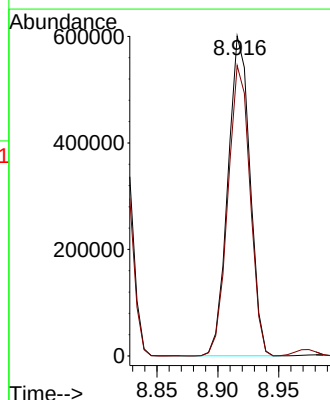
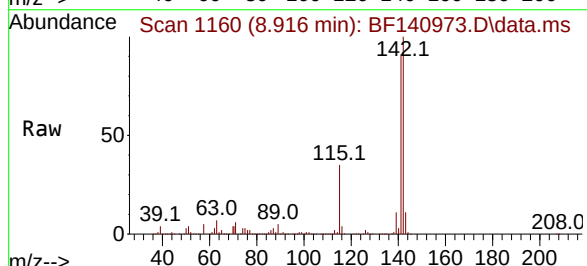
Acq: 26 Dec 2024 17:41

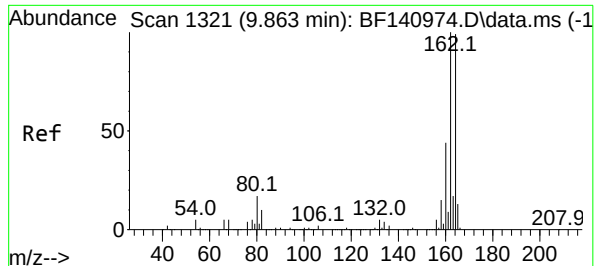
Tgt Ion:142 Resp: 756896

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 :

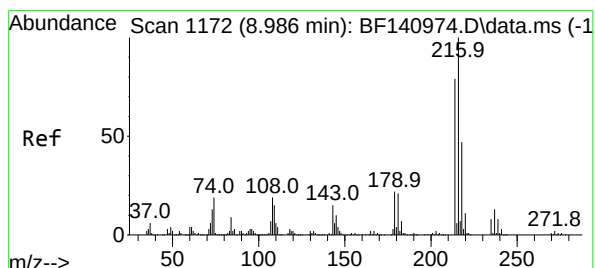
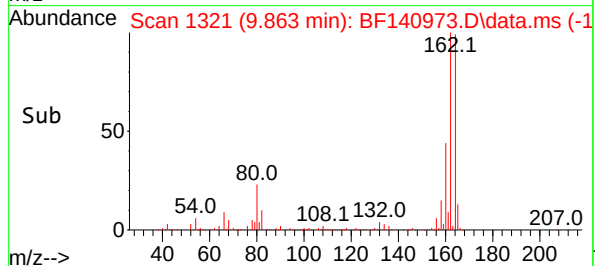
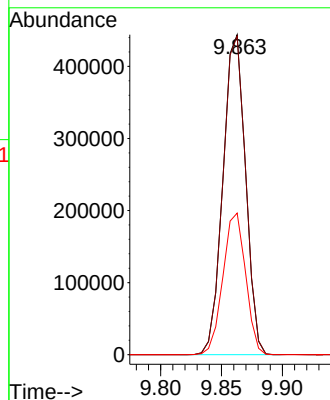
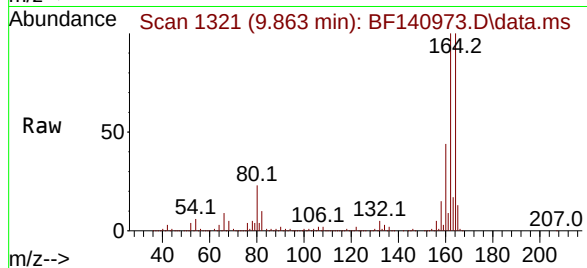
BNA_F

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

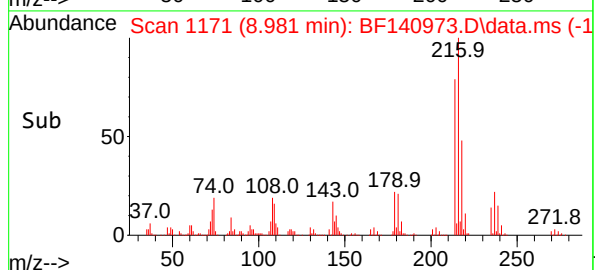
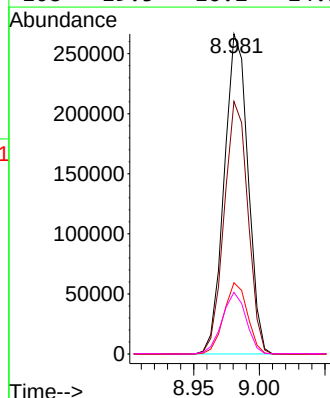
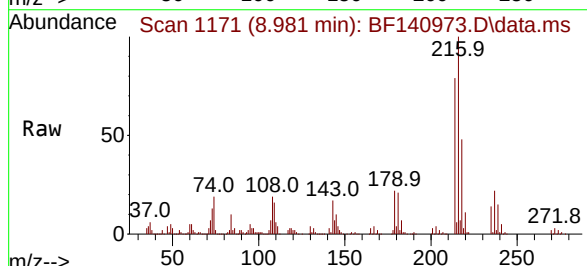
Delta R.T. -0.006 min

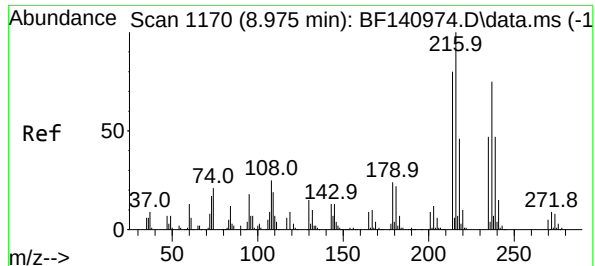
Lab File: BF140973.D

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

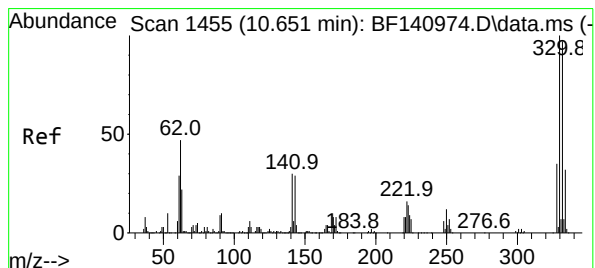
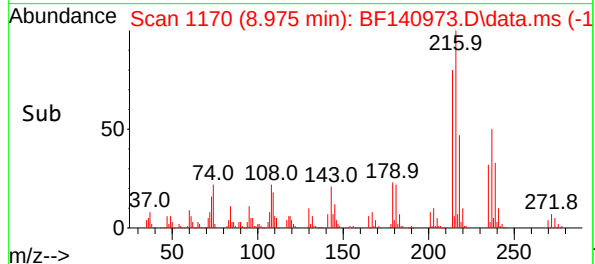
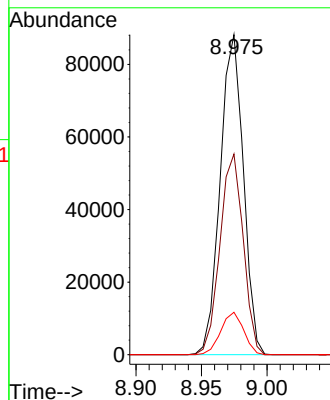
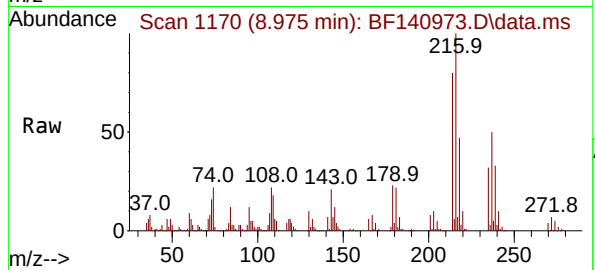




#41
Hexachlorocyclopentadiene
Concen: 20.700 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

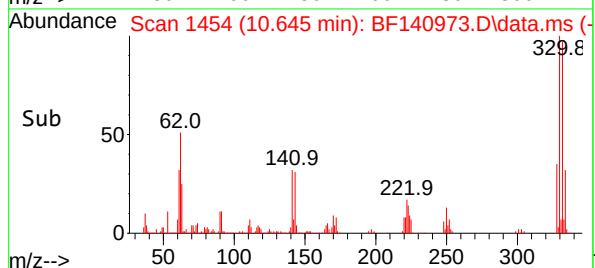
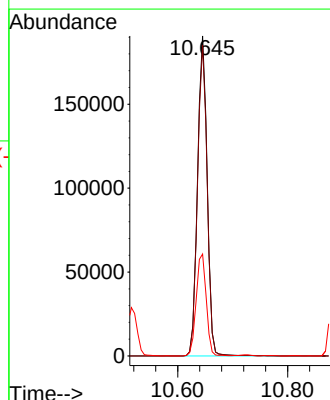
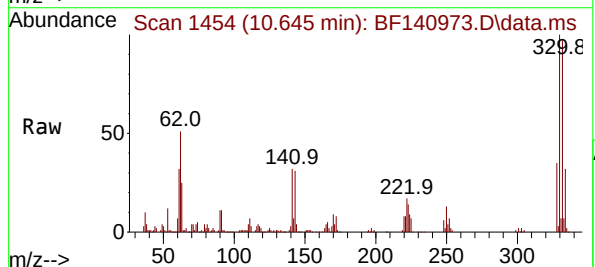
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

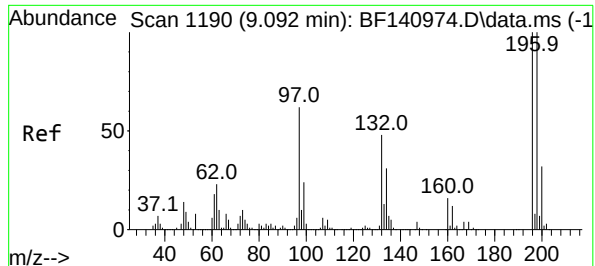
Tgt Ion:237 Resp: 108149
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.2 0.0 32.6



#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

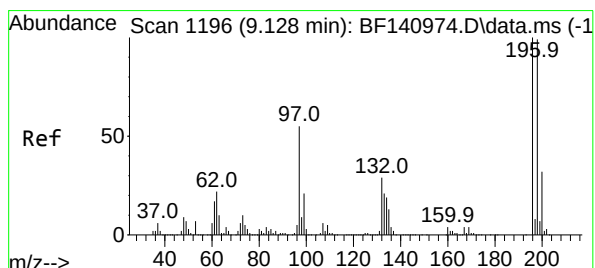
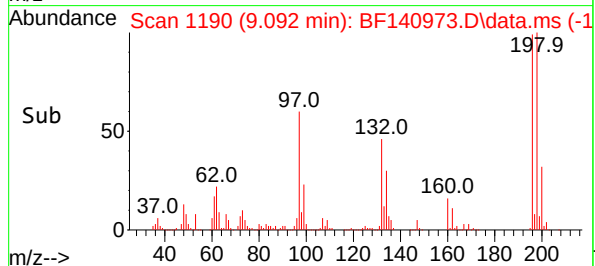
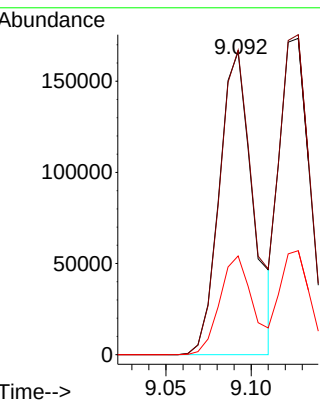
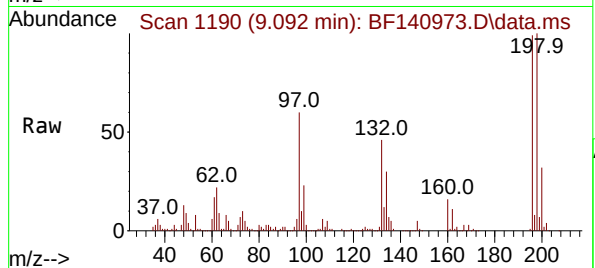
Tgt Ion:196 Resp: 227943

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

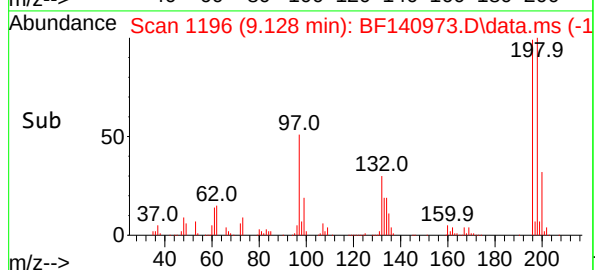
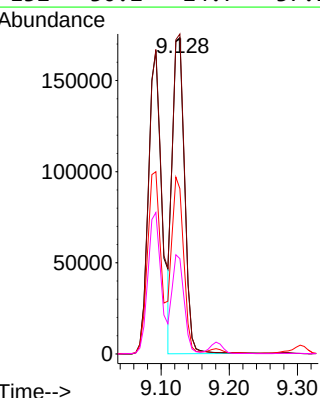
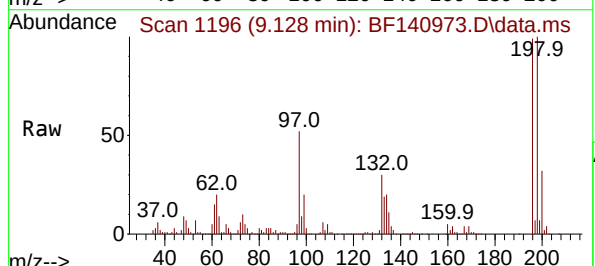
Ion Ratio Lower Upper

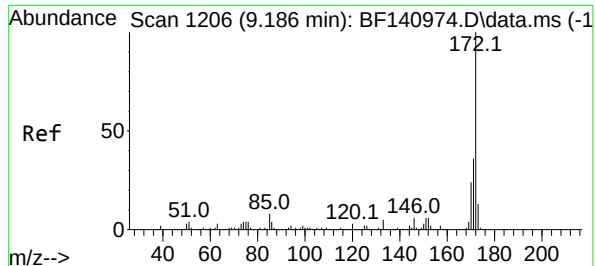
196 100

198 101.1 79.9 119.9

97 52.2 44.3 66.5

132 30.2 24.7 37.1

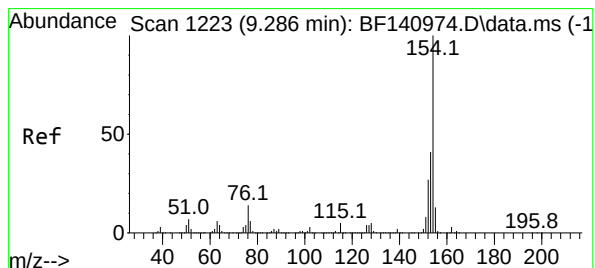
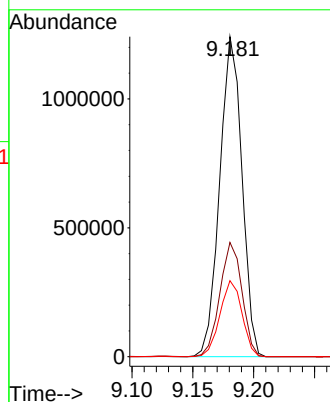
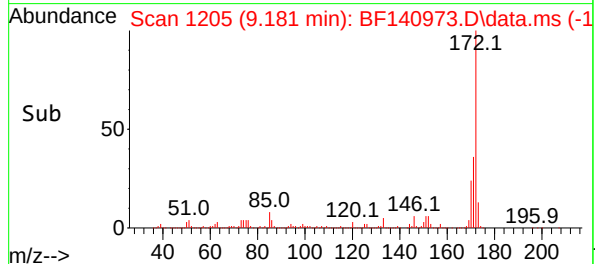
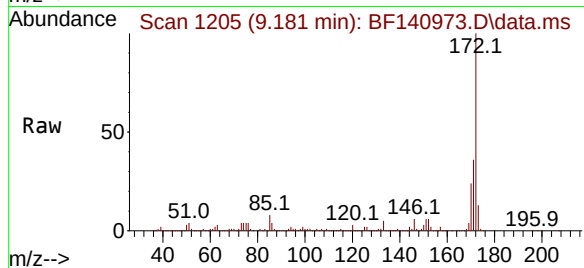




#45
2-Fluorobiphenyl
Concen: 43.899 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

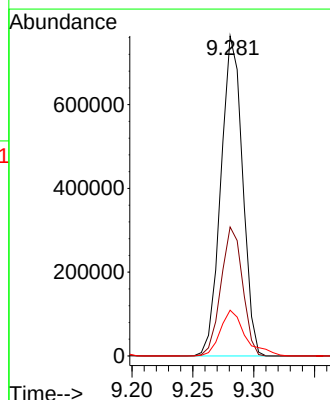
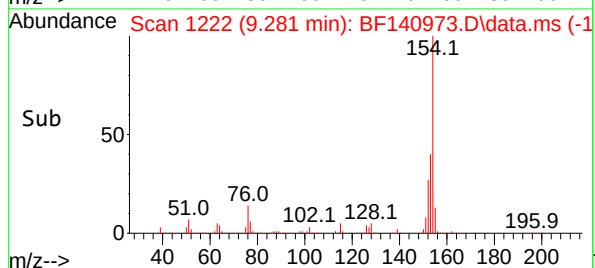
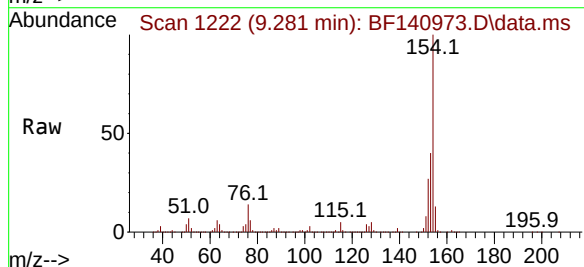
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

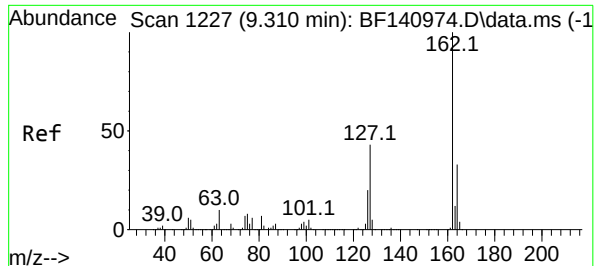
Tgt Ion:172 Resp: 1579020
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.6 29.4



#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

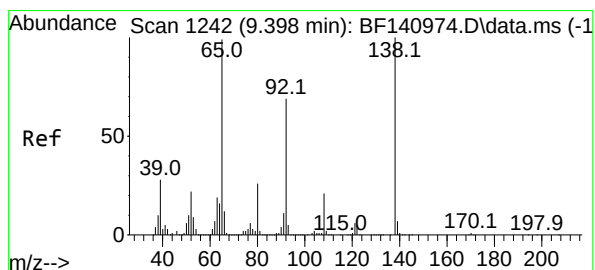
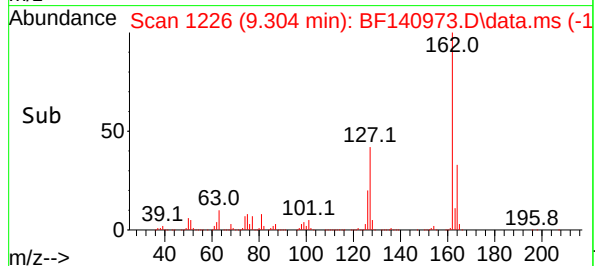
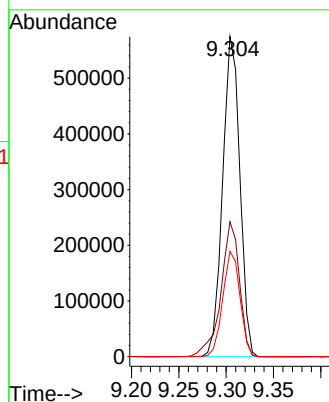
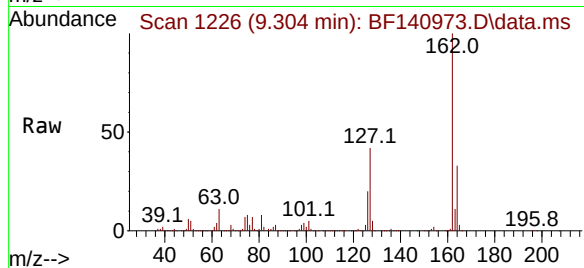
Tgt Ion:162 Resp: 727825

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

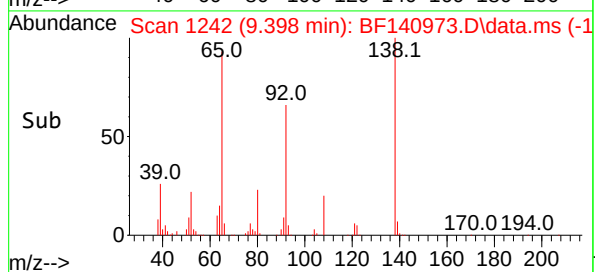
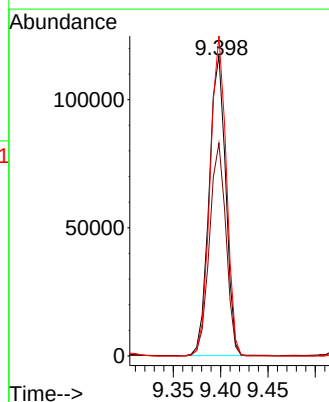
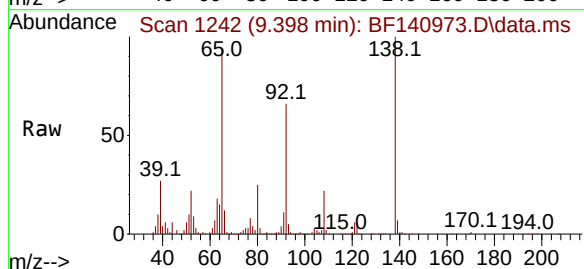
Tgt Ion: 65 Resp: 142035

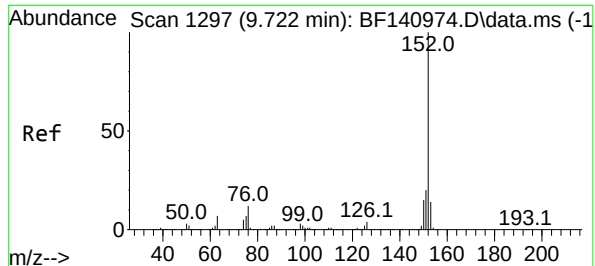
Ion Ratio Lower Upper

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# 1297

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

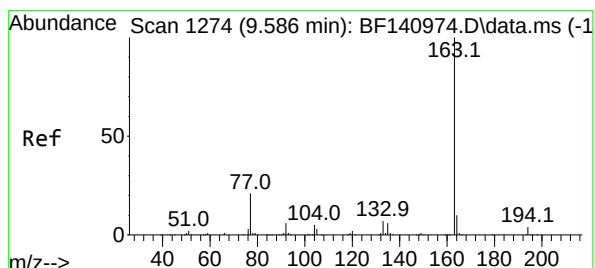
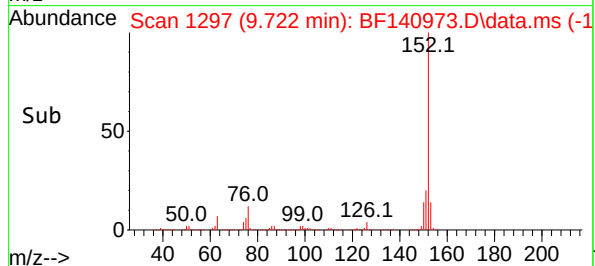
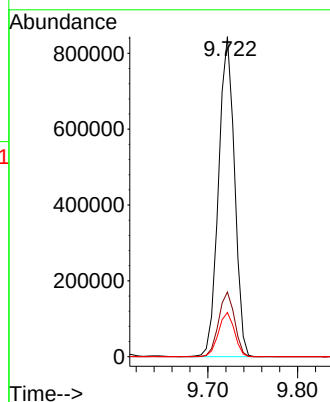
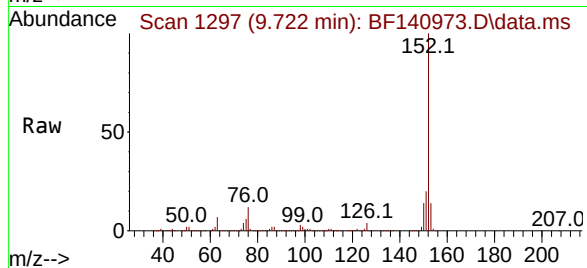
Tgt Ion:152 Resp: 1045099

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

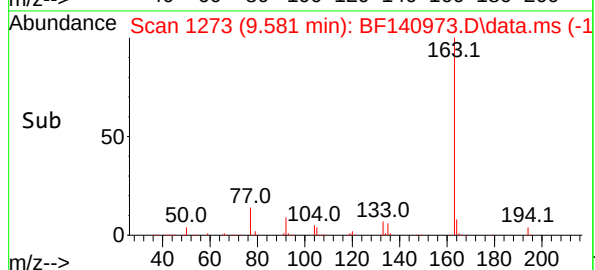
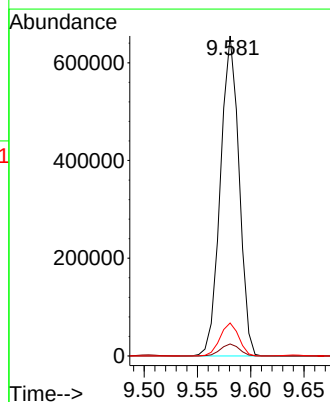
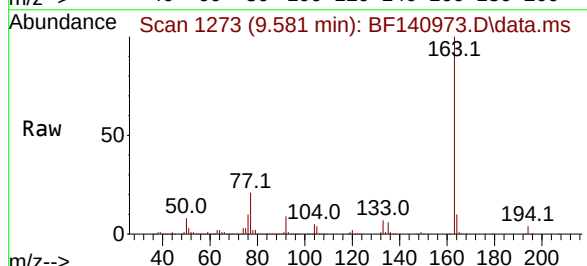
Tgt Ion:163 Resp: 796157

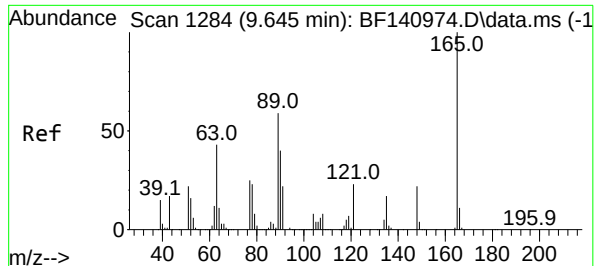
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.3 12.5

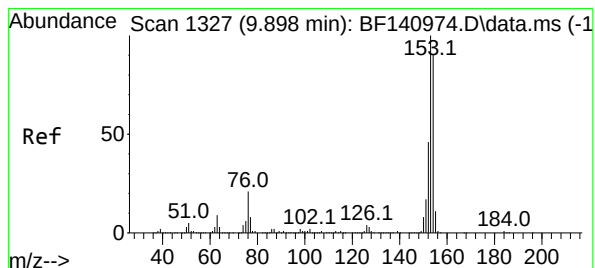
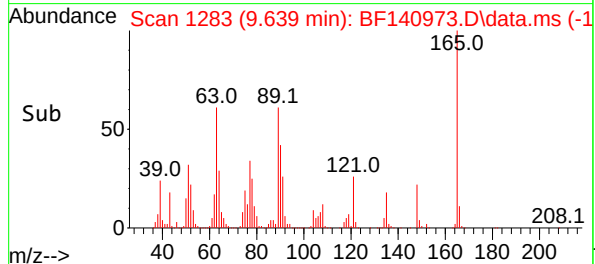
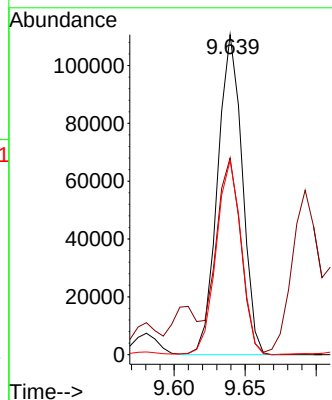
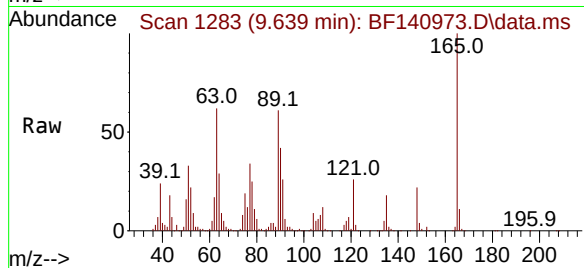




#51
2,6-Dinitrotoluene
Concen: 19.707 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

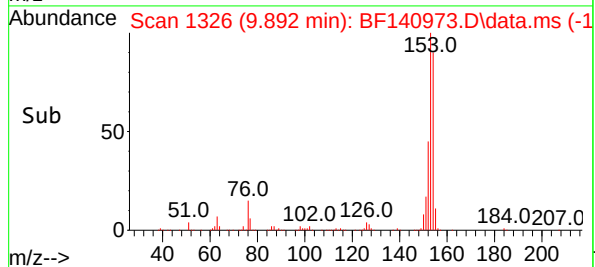
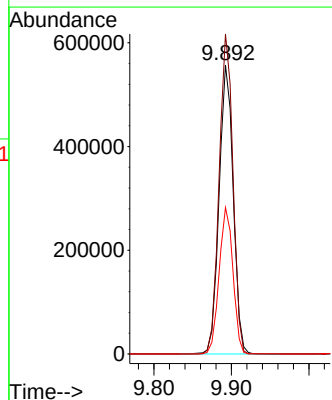
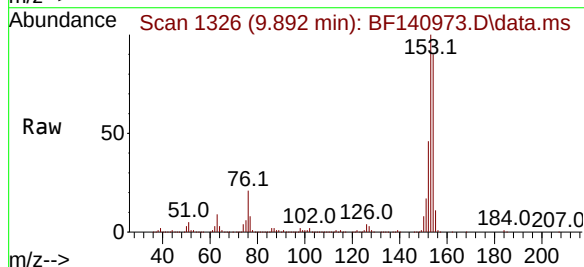
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

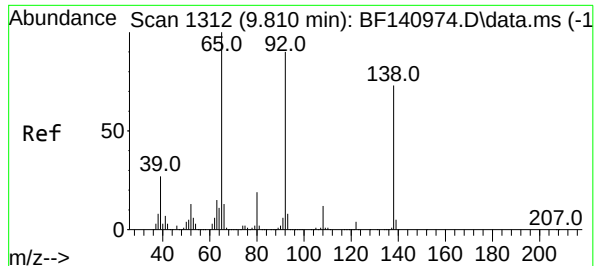
Tgt Ion:165 Resp: 133566
Ion Ratio Lower Upper
165 100
63 61.5 47.1 70.7
89 60.8 47.0 70.4



#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

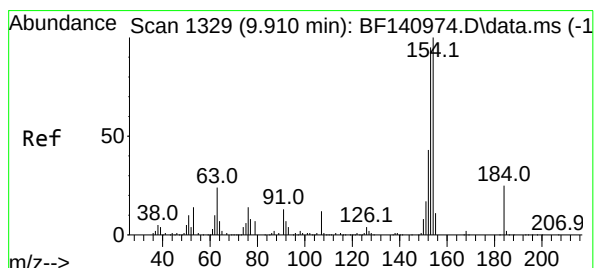
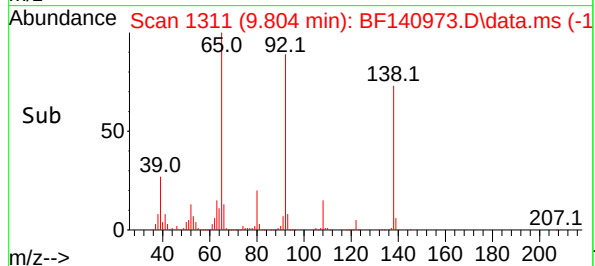
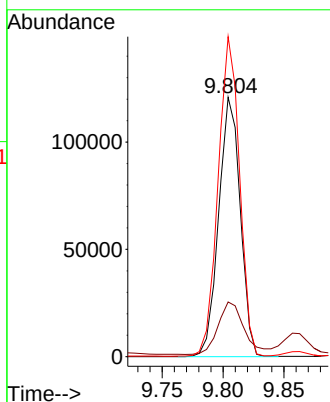
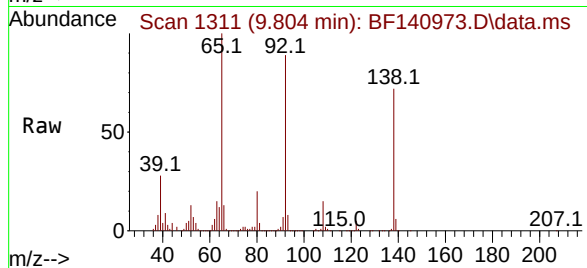




#53
3-Nitroaniline
Concen: 19.906 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

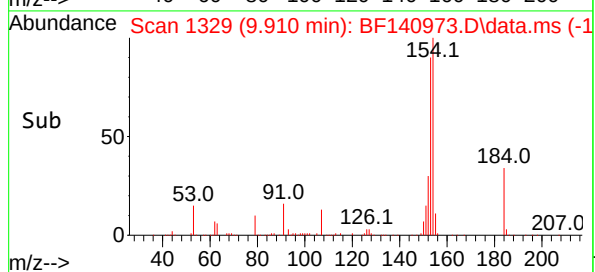
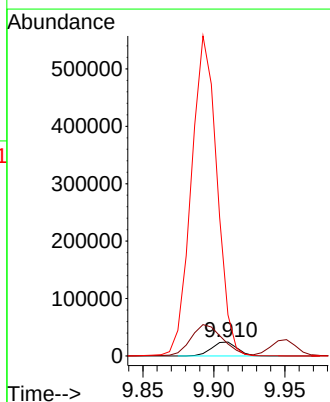
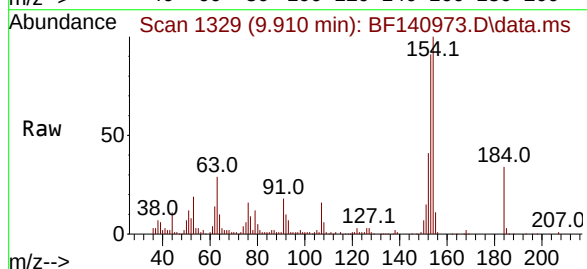
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

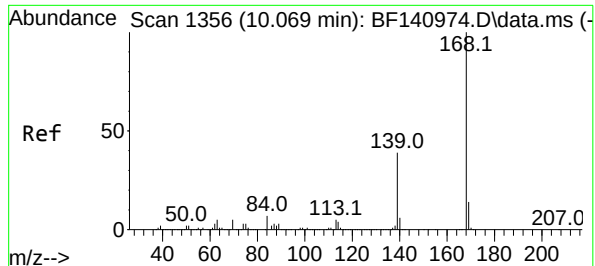
Tgt Ion:138 Resp: 149270
Ion Ratio Lower Upper
138 100
108 21.1 13.5 20.3#
92 123.4 97.7 146.5



#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# 1356

Delta R.T. -0.006 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

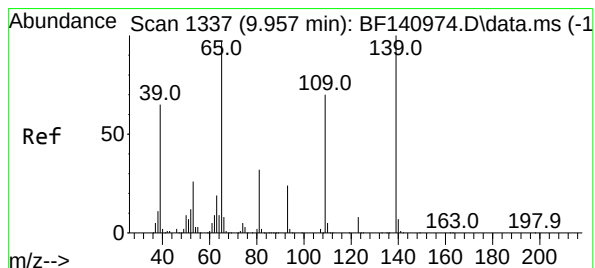
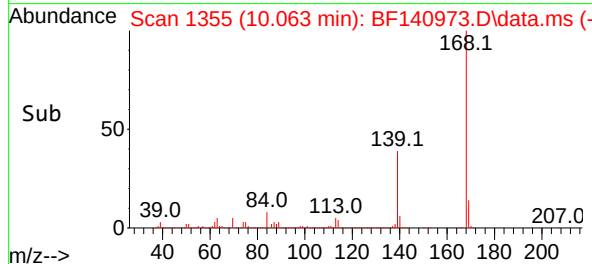
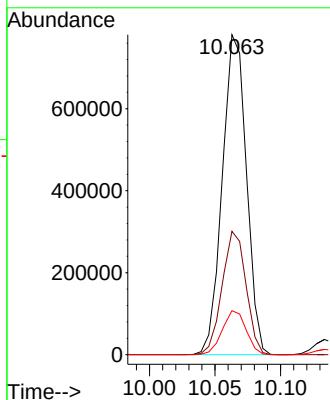
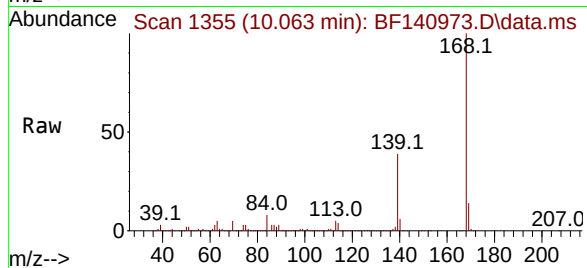
Tgt Ion:168 Resp: 999002

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

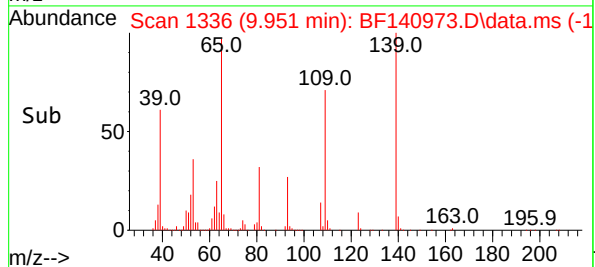
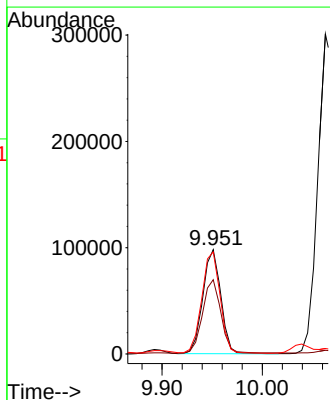
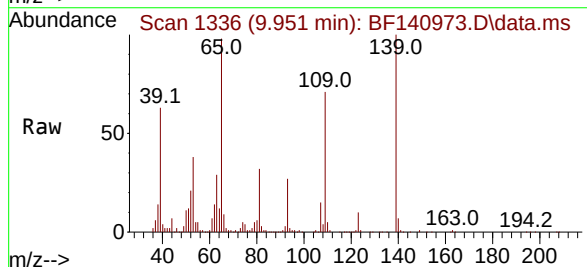
Tgt Ion:139 Resp: 122269

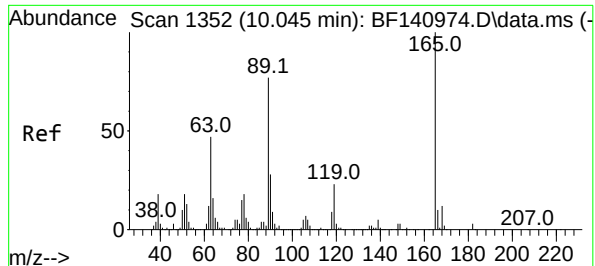
Ion Ratio Lower Upper

139 100

109 71.2 50.8 90.8

65 97.9 78.5 118.5

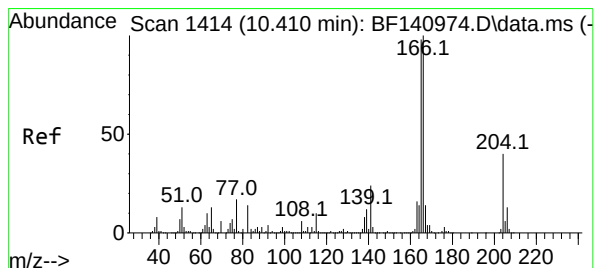
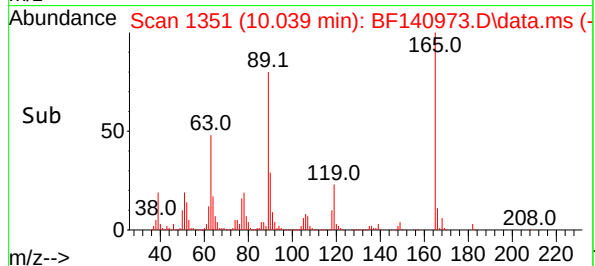
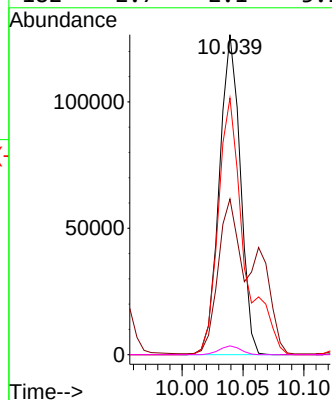
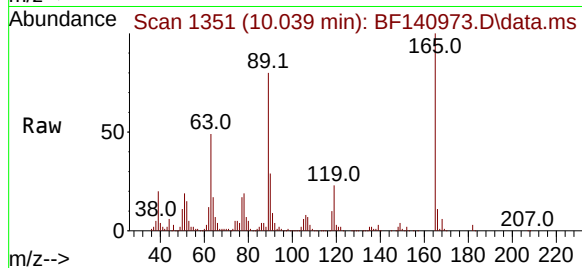




#57
2,4-Dinitrotoluene
Concen: 19.116 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

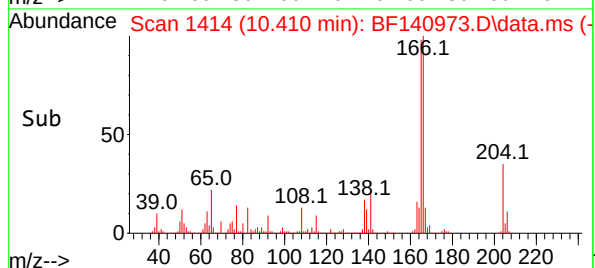
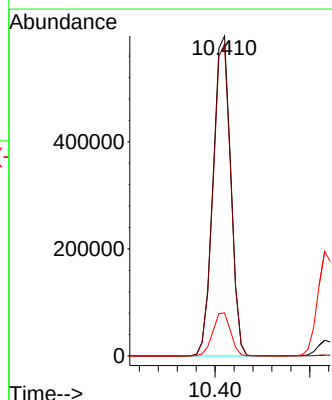
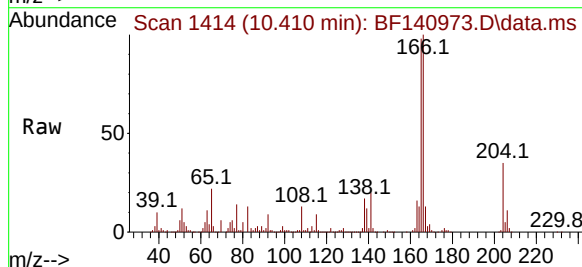
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

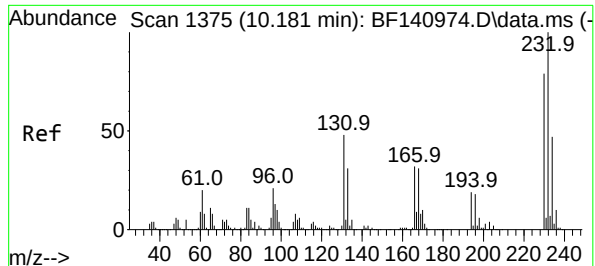
Tgt Ion:165 Resp: 151712
Ion Ratio Lower Upper
165 100
63 48.7 38.1 57.1
89 80.2 61.4 92.2
182 2.7 2.1 3.1



#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

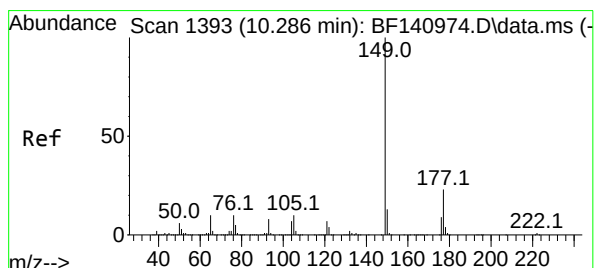
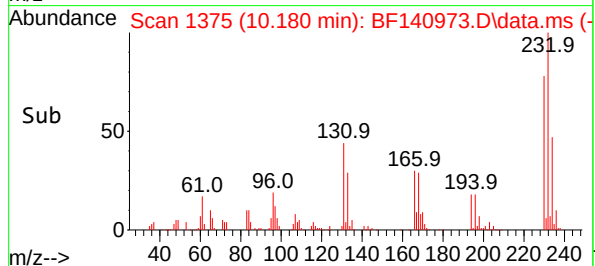
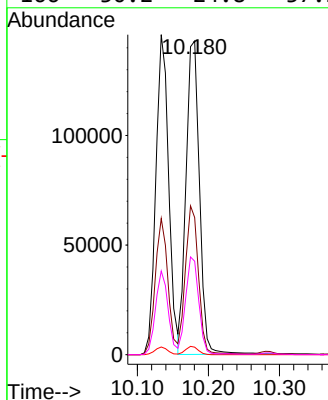
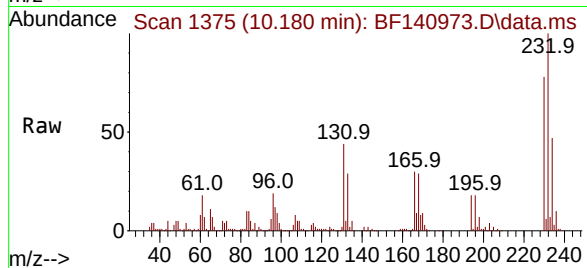




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.084 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

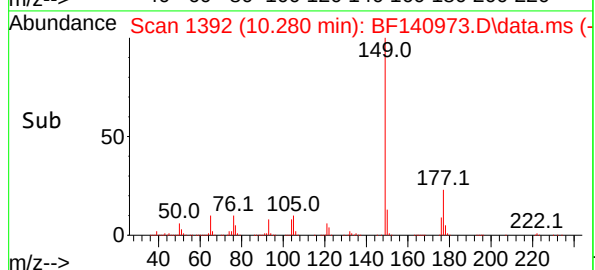
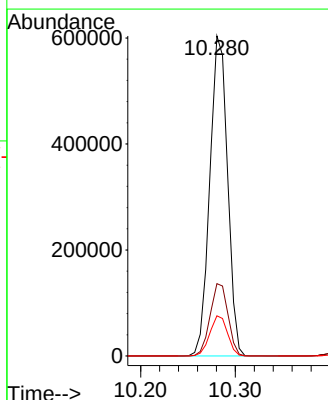
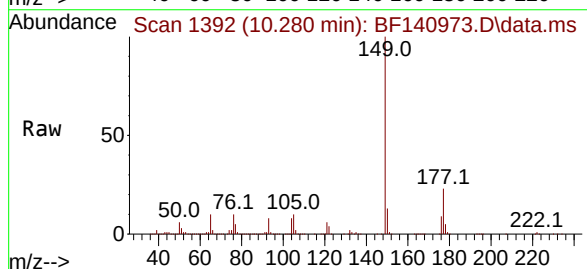
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

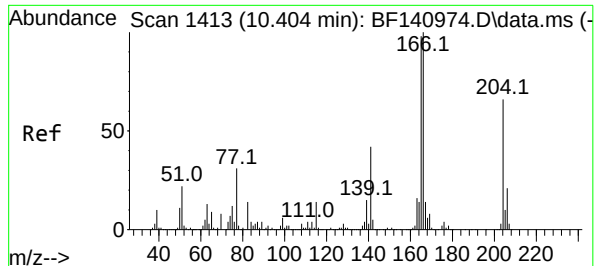
Tgt Ion:232 Resp: 187475
Ion Ratio Lower Upper
232 100
131 46.1 37.4 56.2
130 2.5 1.8 2.8
166 30.2 24.8 37.2



#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

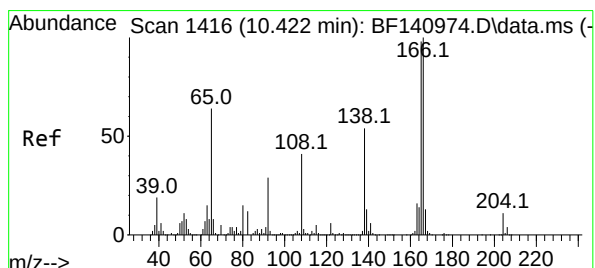
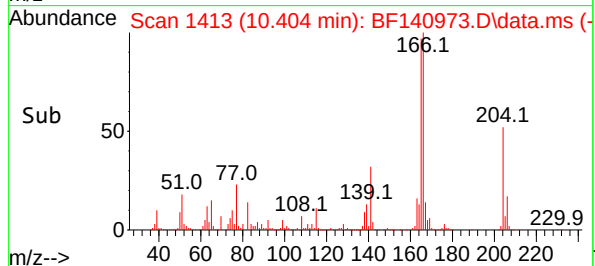
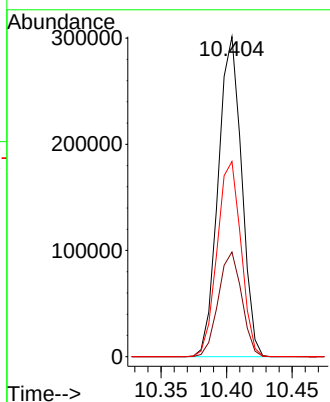
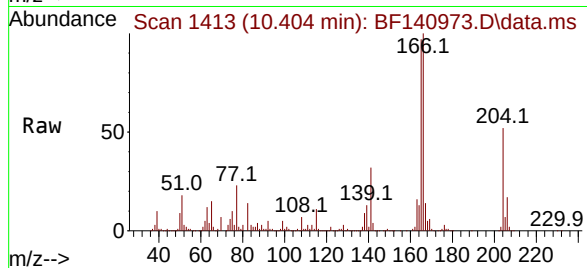




#61
4-Chlorophenyl-phenylether
Concen: 21.556 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

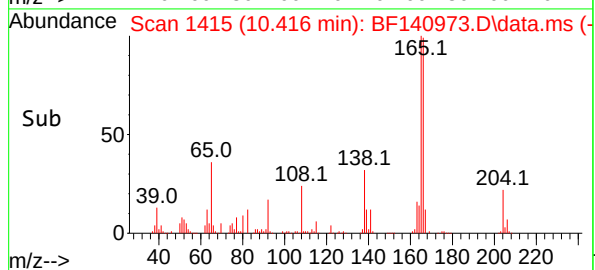
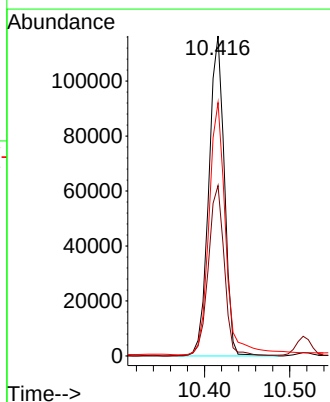
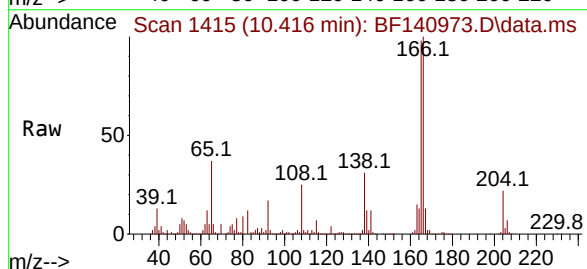
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

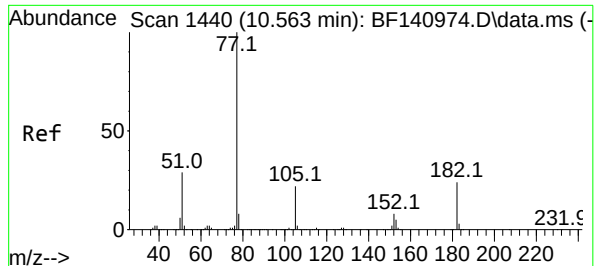
Tgt Ion:204 Resp: 374361
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 61.0 51.2 76.8



#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

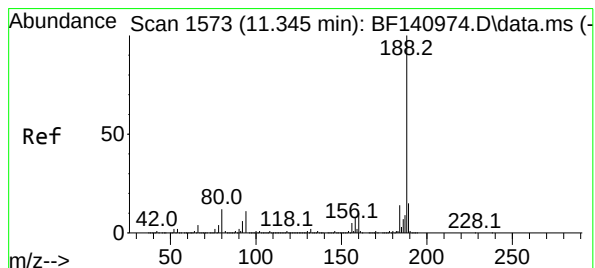
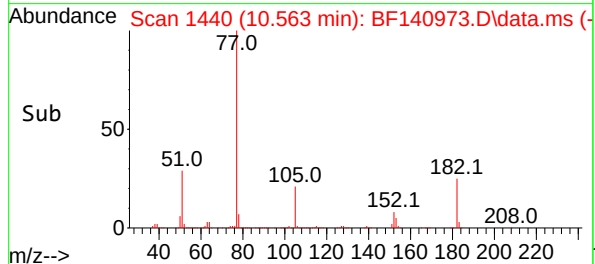
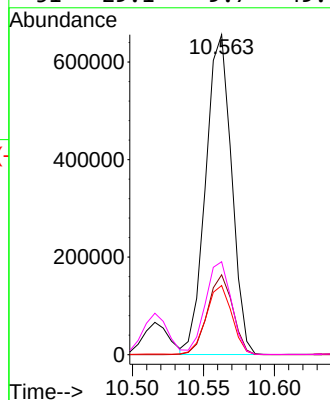
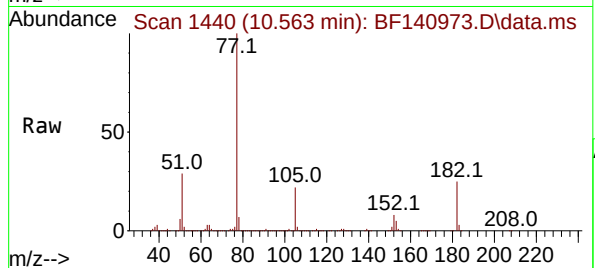




#63
Azobenzene
Concen: 21.240 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

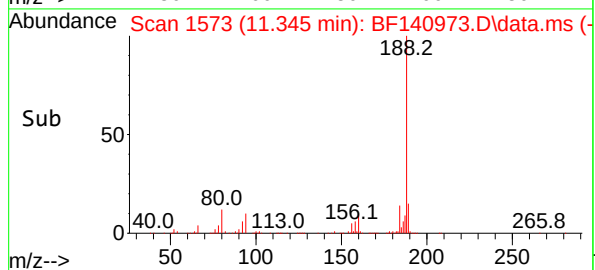
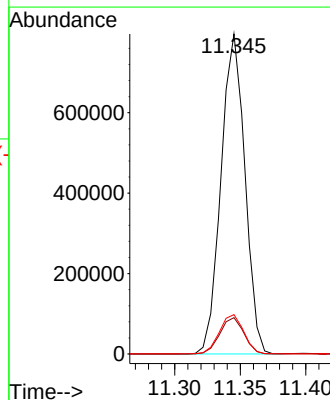
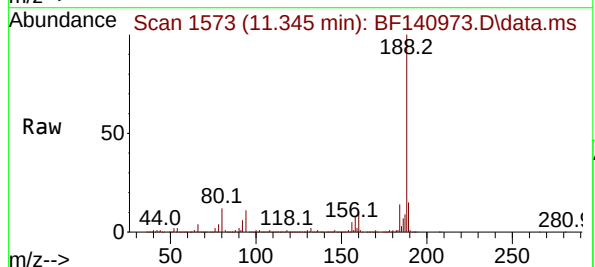
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

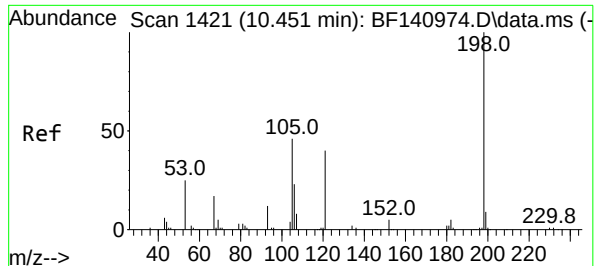
Tgt Ion: 77 Resp: 829641
Ion Ratio Lower Upper
77 100
182 24.9 4.1 44.1
105 21.6 1.8 41.8
51 29.1 9.7 49.7



#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

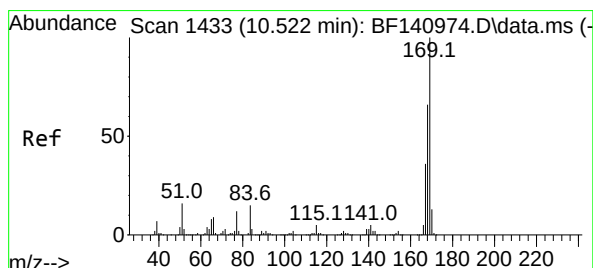
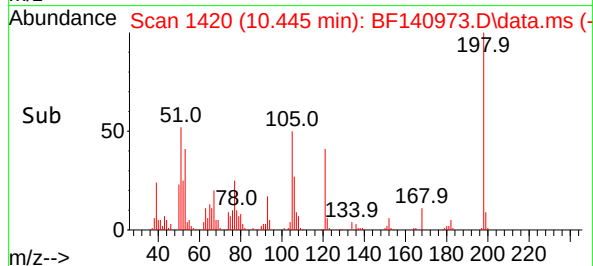
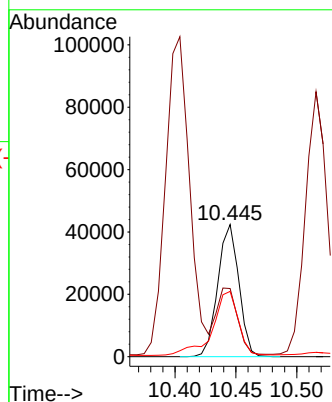
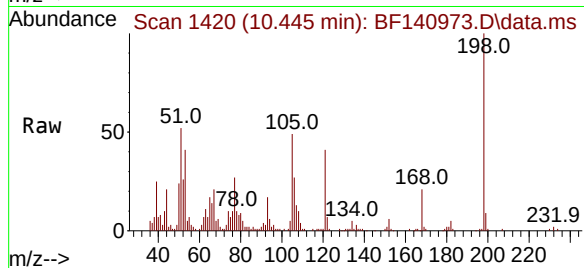




#65
4,6-Dinitro-2-methylphenol
Concen: 19.580 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

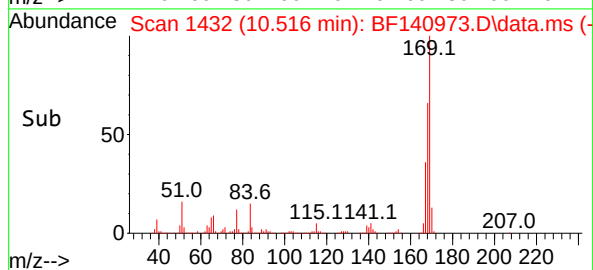
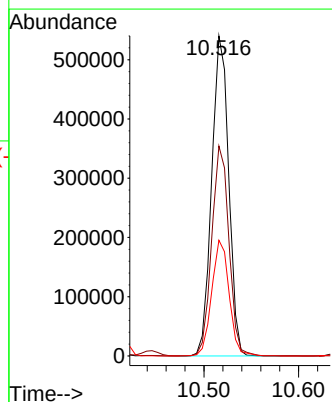
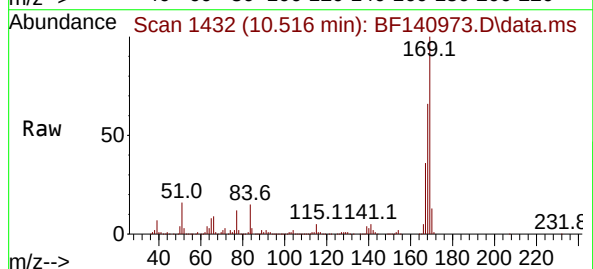
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

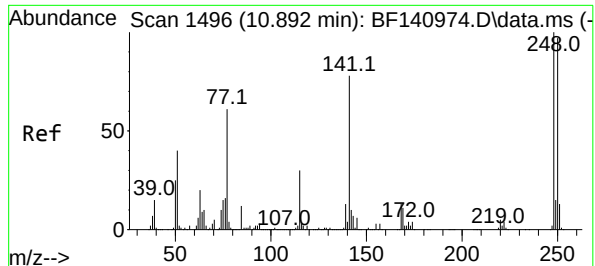
Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.6	32.3	72.3
105	49.4	28.4	68.4



#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

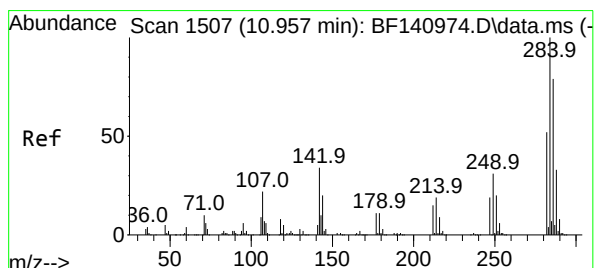
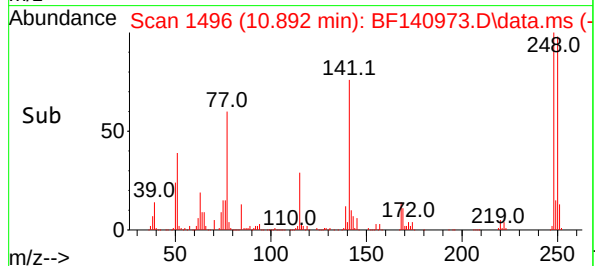
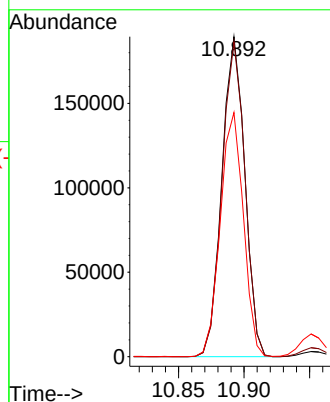
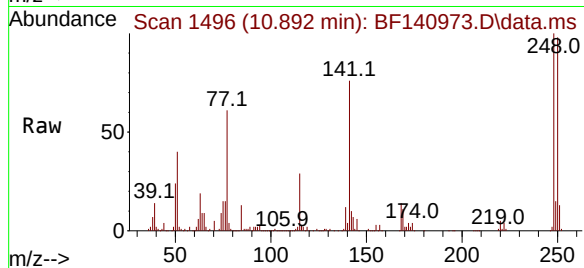




#67
4-Bromophenyl-phenylether
Concen: 21.137 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

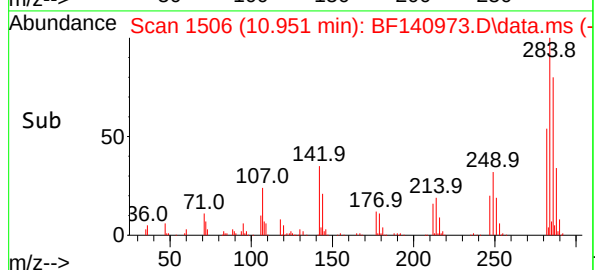
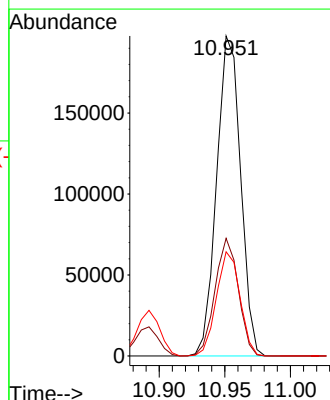
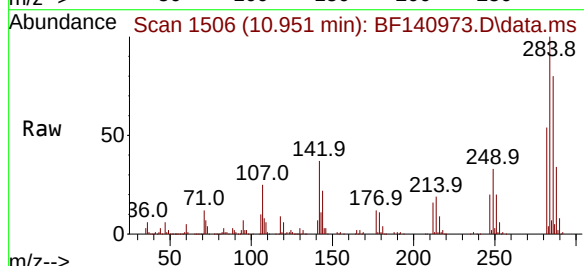
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

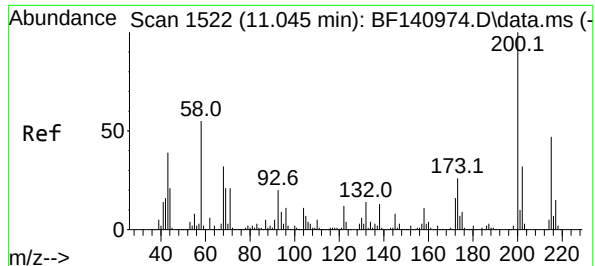
Tgt Ion:248 Resp: 230220
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 76.3 62.1 93.1



#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 :

SSTDIC020

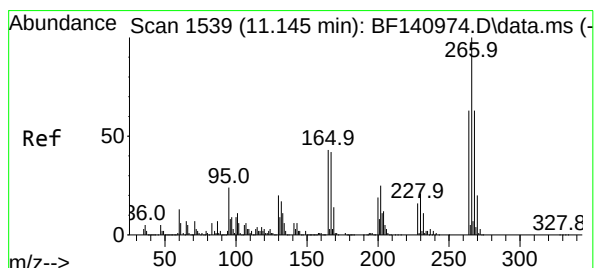
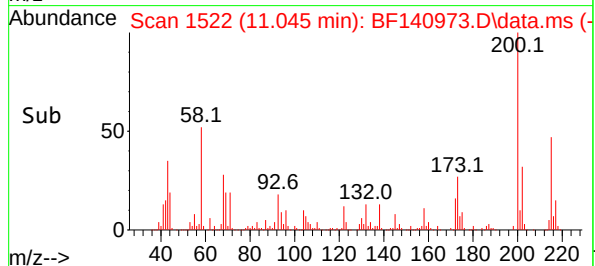
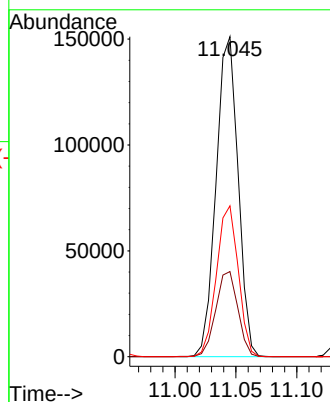
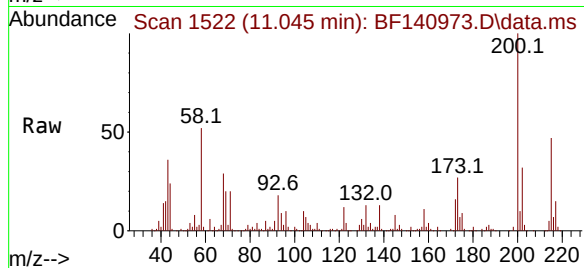
Tgt Ion:200 Resp: 190058

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

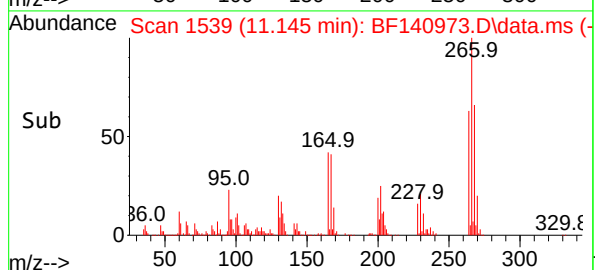
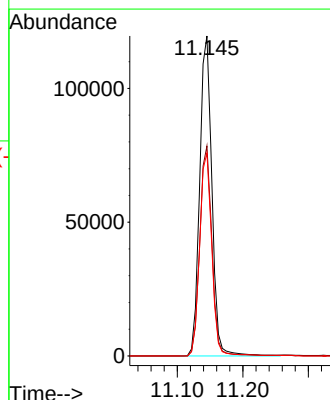
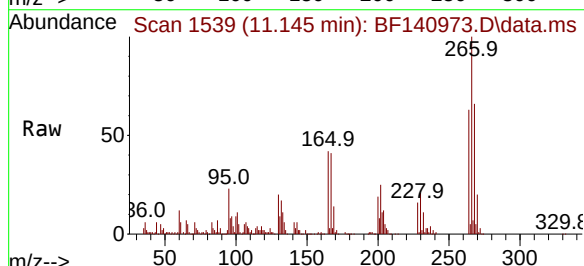
Tgt Ion:266 Resp: 155053

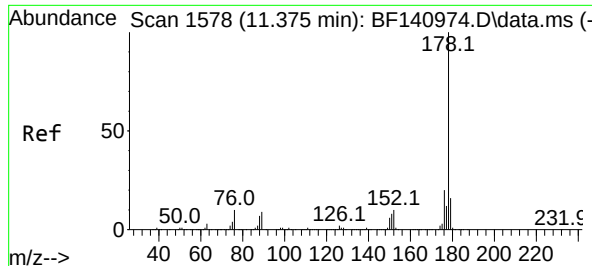
Ion Ratio Lower Upper

266 100

268 65.6 50.5 75.7

264 63.4 50.2 75.4

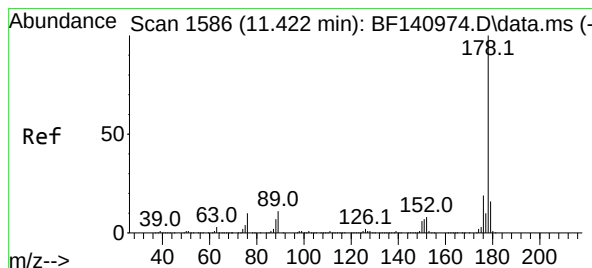
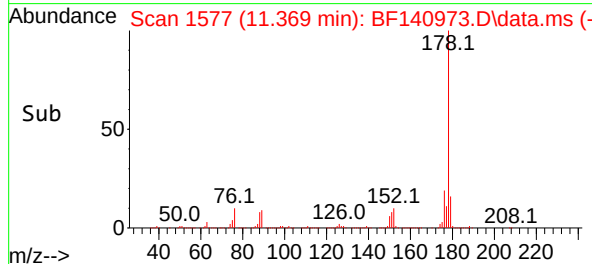
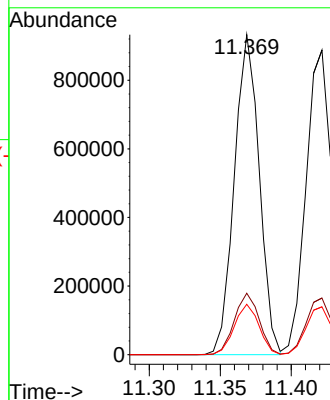
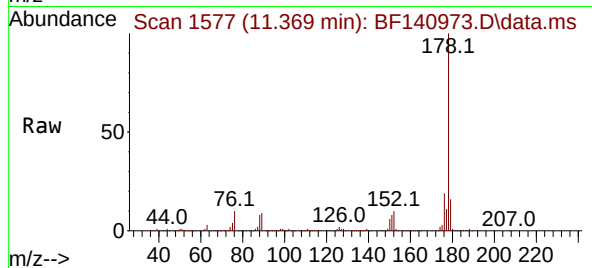




#71
Phenanthrene
Concen: 21.443 ng
RT: 11.369 min Scan# 1137057
Delta R.T. -0.006 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

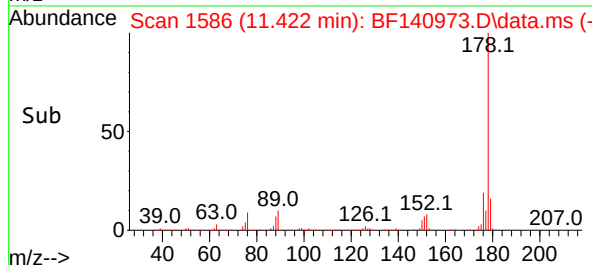
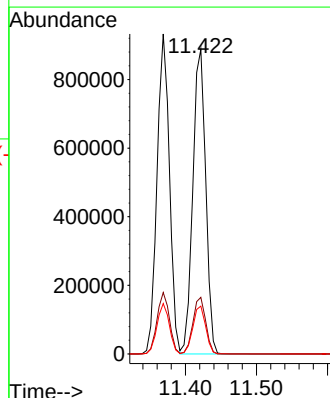
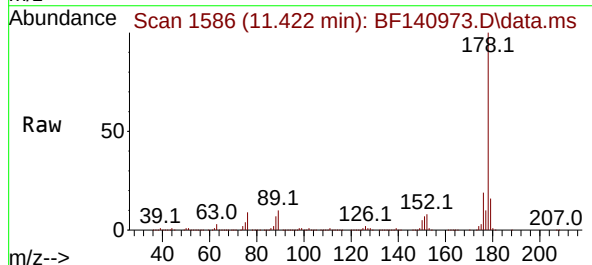
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

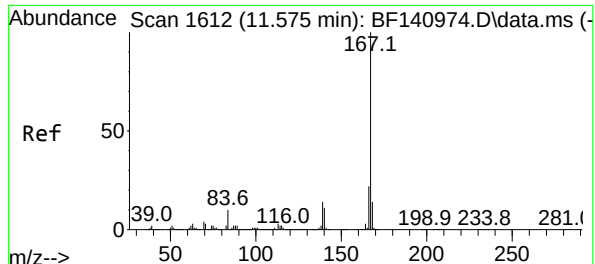
Tgt Ion:178 Resp: 1137057
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.7 12.6 19.0



#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

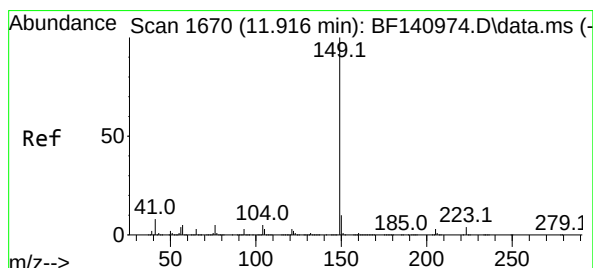
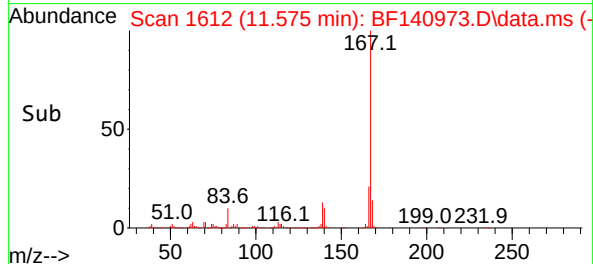
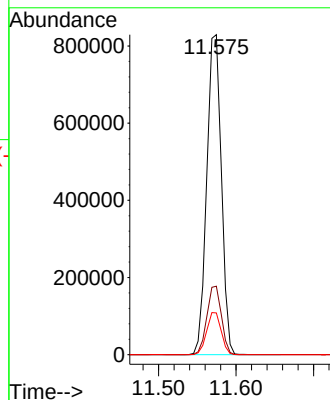
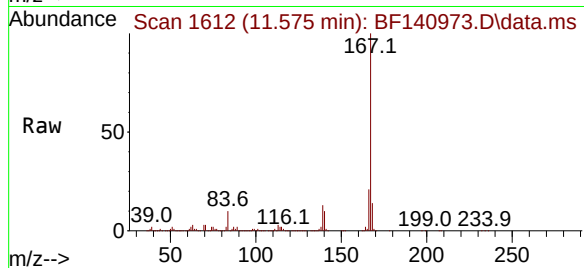




#73
Carbazole
Concen: 21.699 ng
RT: 11.575 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

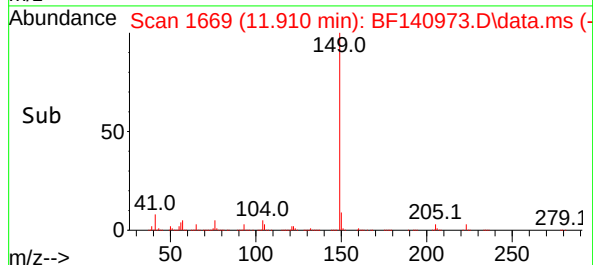
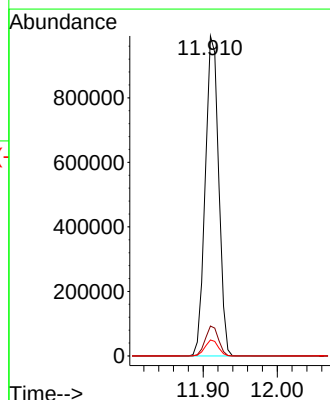
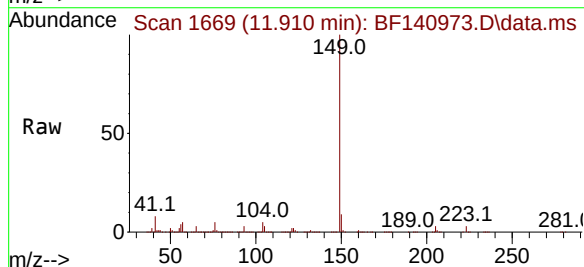
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

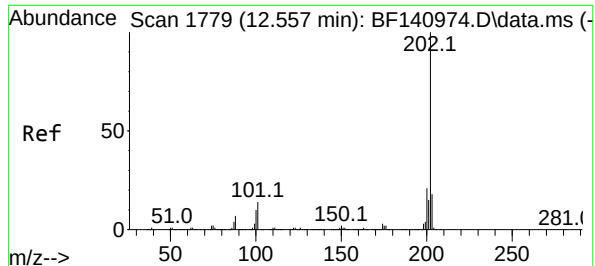
Tgt Ion:167 Resp: 1083881
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.0 11.0 16.4



#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

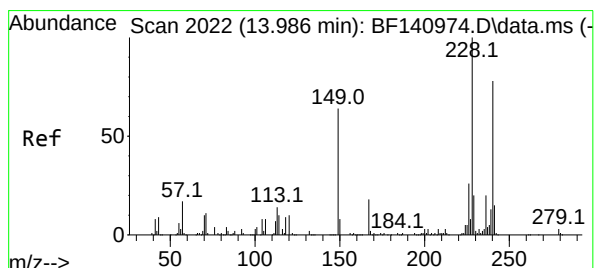
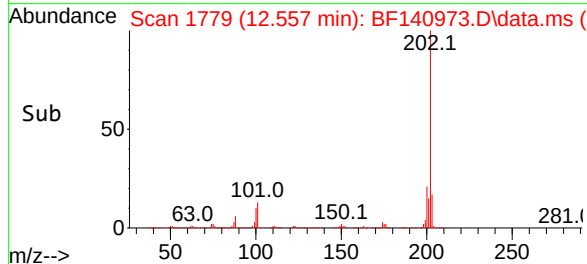
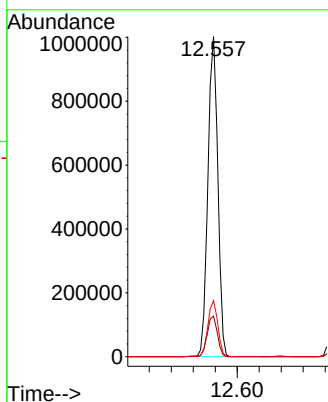
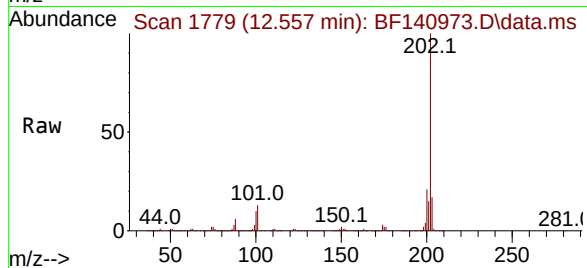




#75
Fluoranthene
Concen: 21.767 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

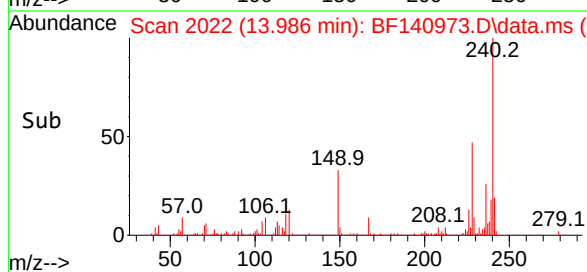
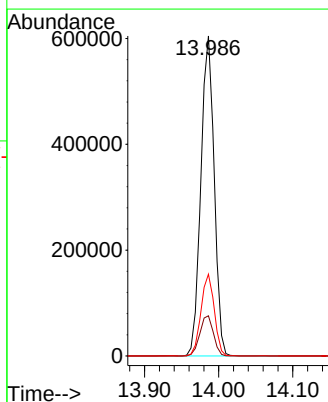
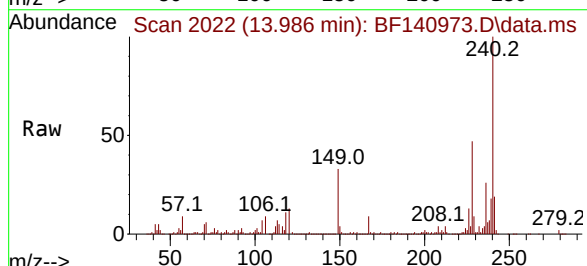
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

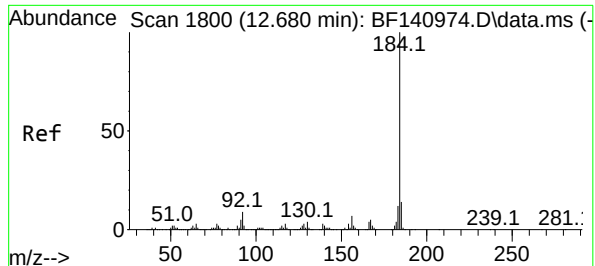
Tgt Ion:202 Resp: 1251854
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.7
203 17.5 0.0 38.1



#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

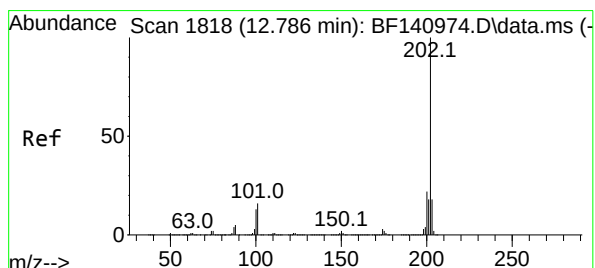
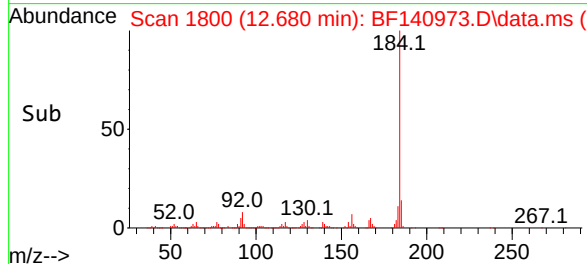
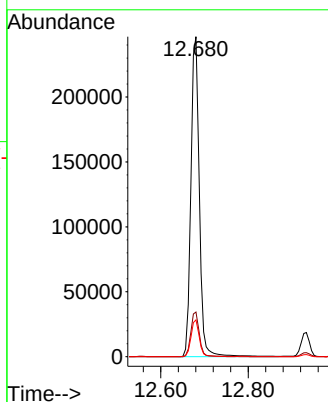
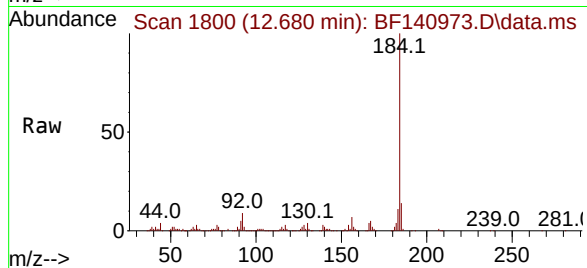




#77
Benzidine
Concen: 20.685 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

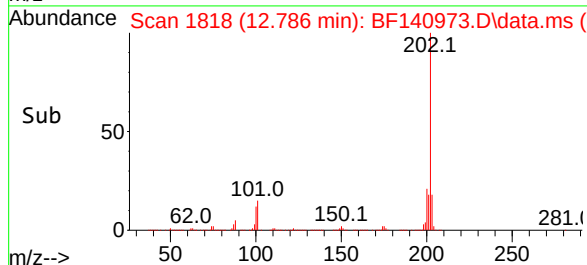
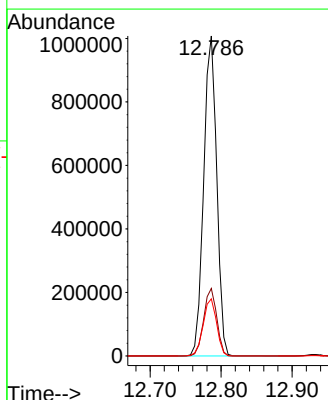
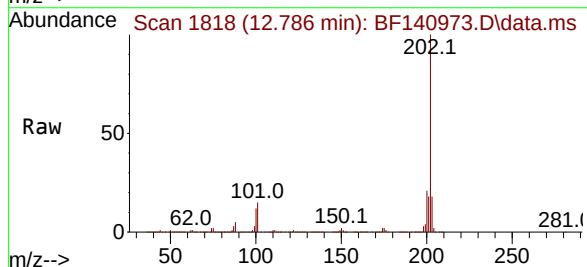
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

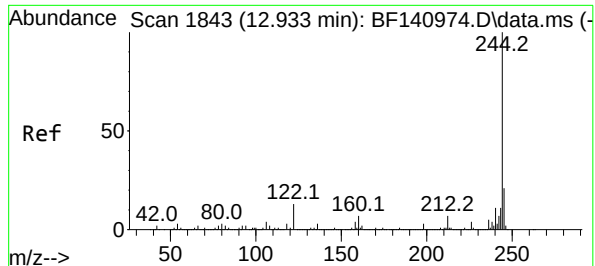
Tgt Ion:184 Resp: 330414
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.5 9.4 14.0



#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# 11

Delta R.T. -0.000 min

Lab File: BF140973.D

Acq: 26 Dec 2024 17:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

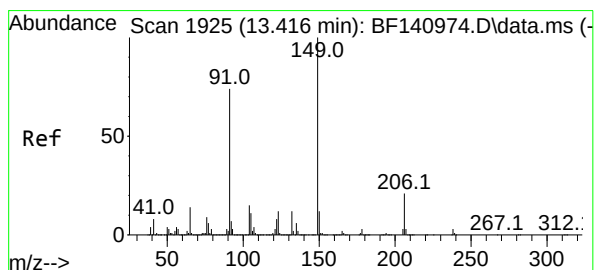
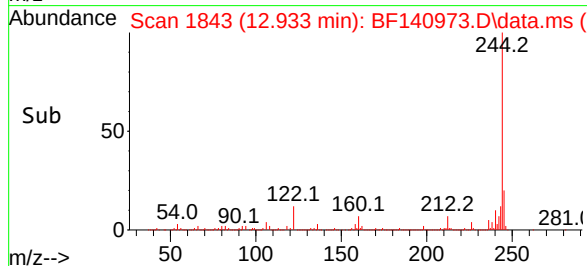
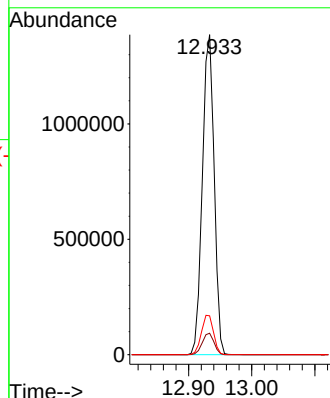
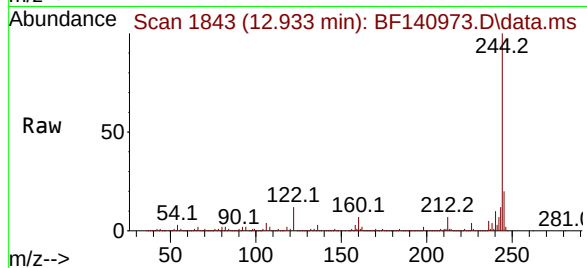
Tgt Ion:244 Resp: 1795750

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

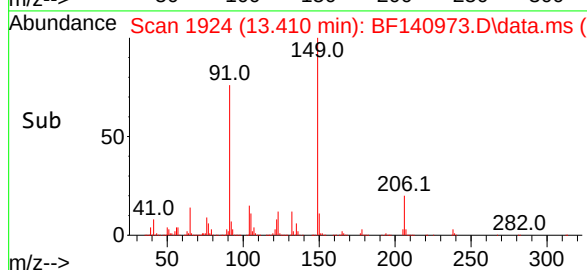
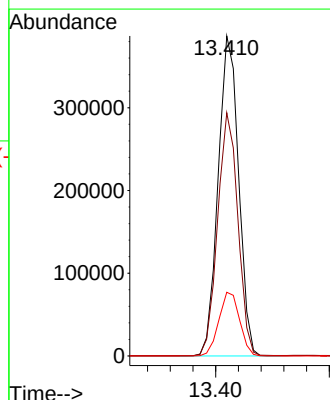
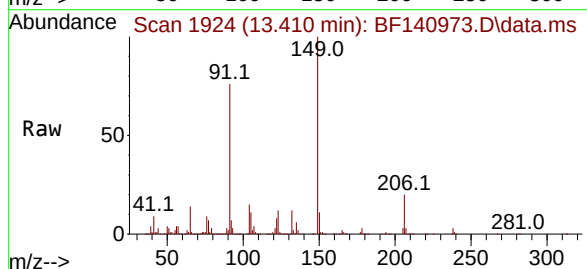
Tgt Ion:149 Resp: 483615

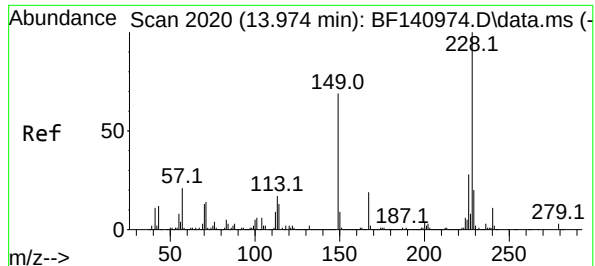
Ion Ratio Lower Upper

149 100

91 76.0 59.5 89.3

206 19.9 17.1 25.7

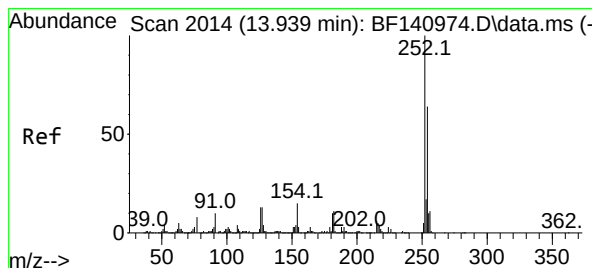
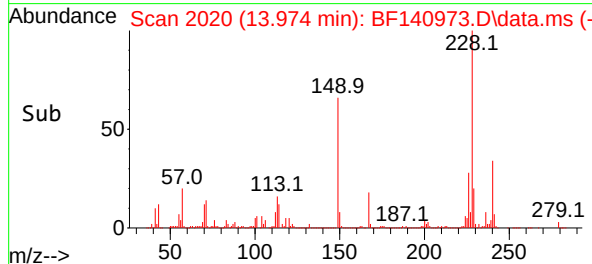
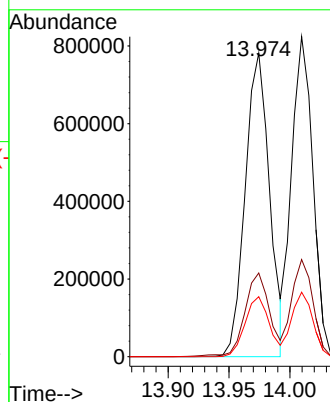
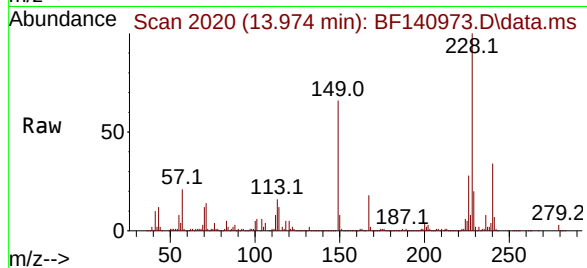




#81
Benzo(a)anthracene
Concen: 20.620 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

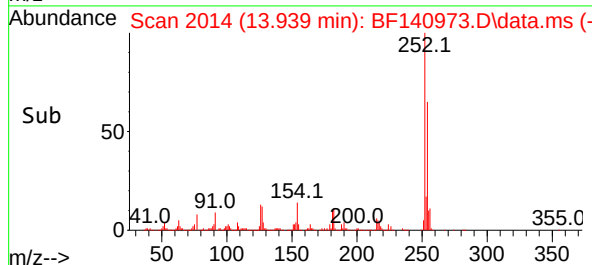
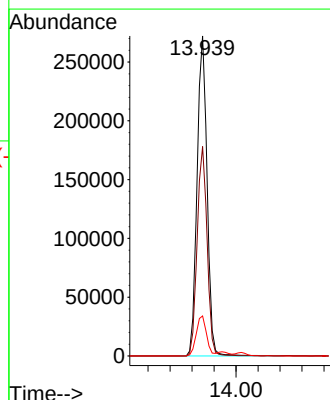
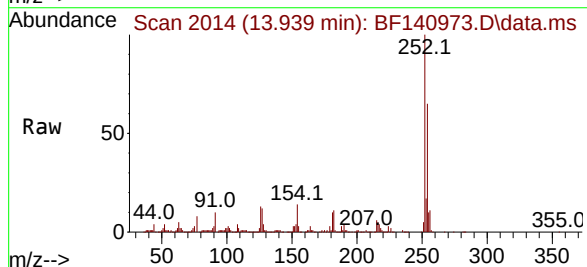
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

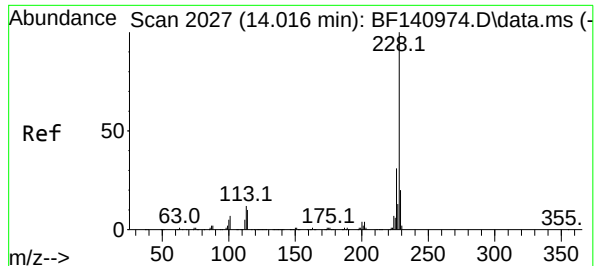
Tgt Ion:228 Resp: 1086206
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.8 16.2 24.2



#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

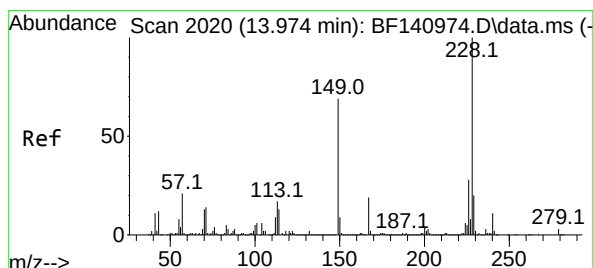
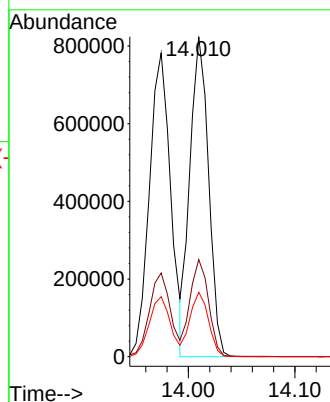
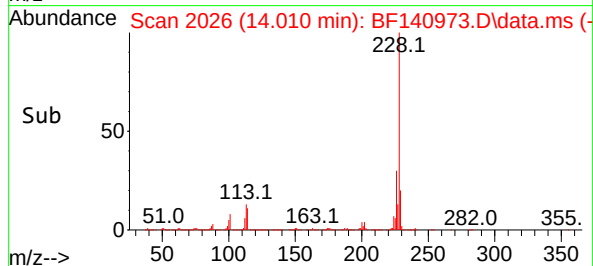
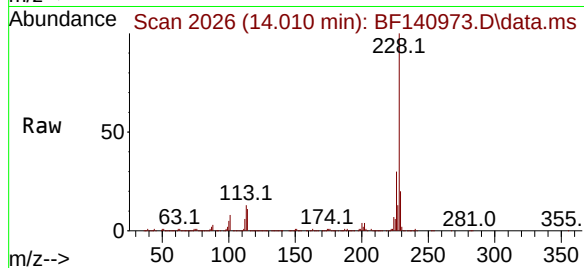
Tgt Ion:228 Resp: 1002629

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

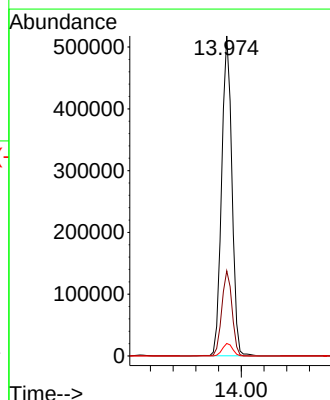
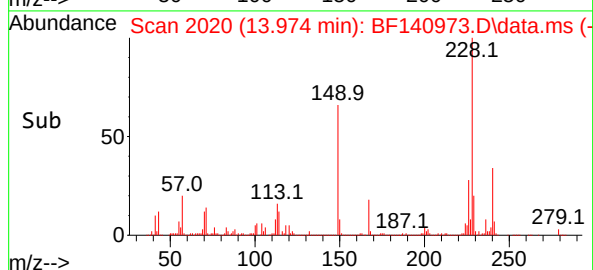
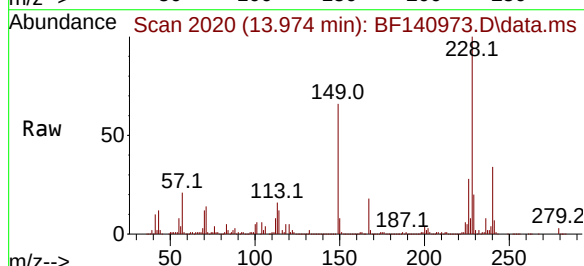
Tgt Ion:149 Resp: 649103

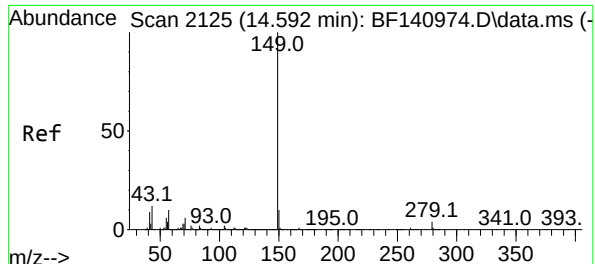
Ion Ratio Lower Upper

149 100

167 26.6 21.6 32.4

279 3.9 3.2 4.8

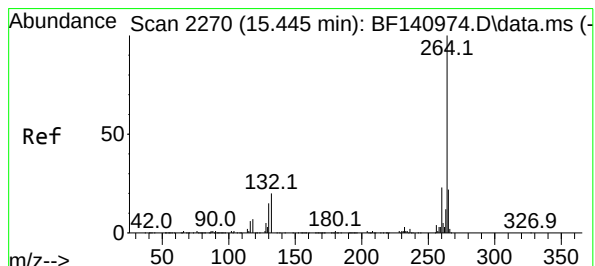
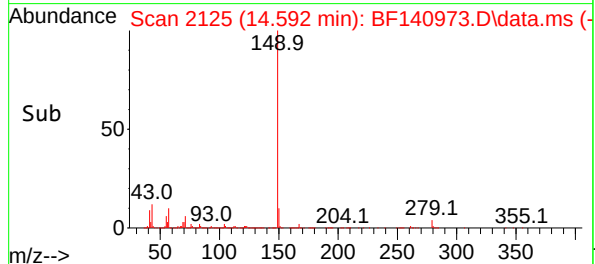
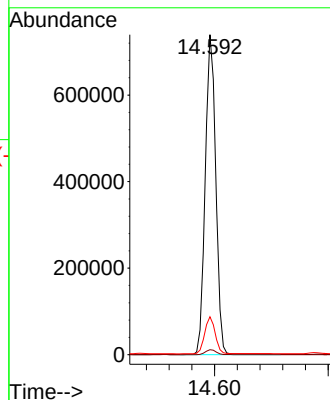
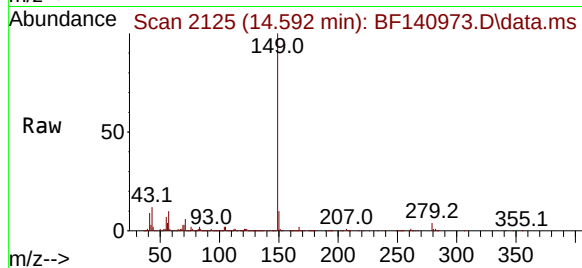




#85
Di-n-octyl phthalate
Concen: 20.891 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

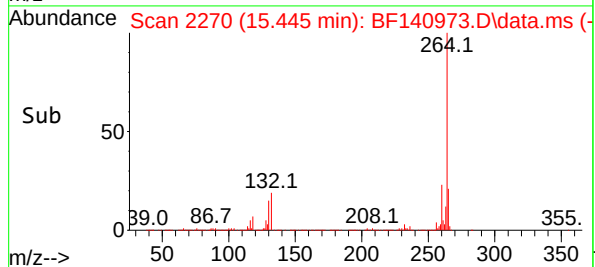
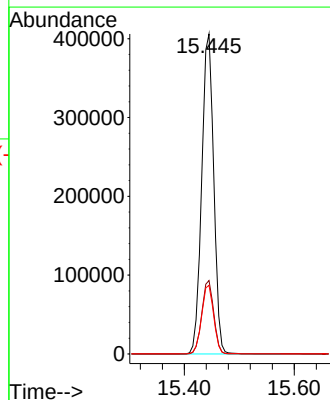
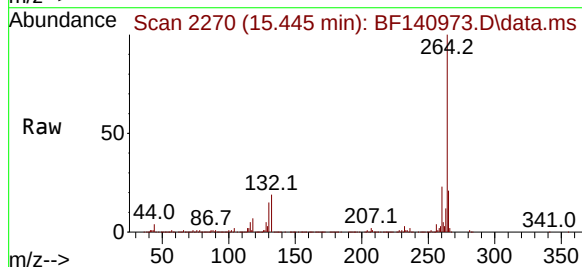
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

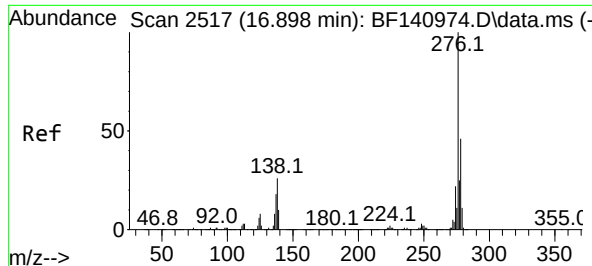
Tgt Ion:149 Resp: 946713
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.3 13.9



#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

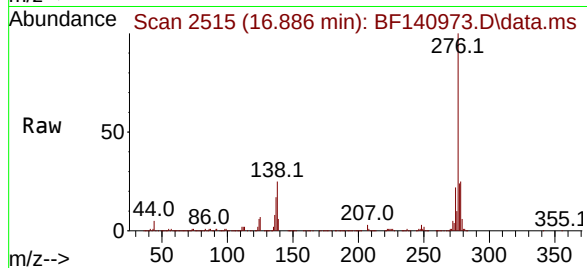
Tgt Ion:264 Resp: 616760
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.5 17.4 26.2



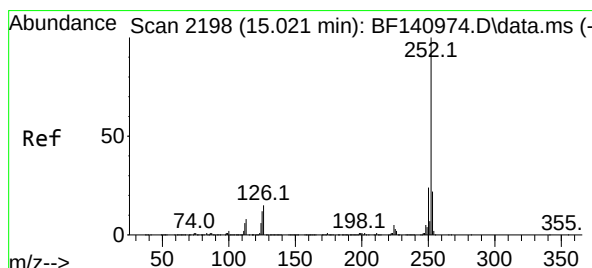
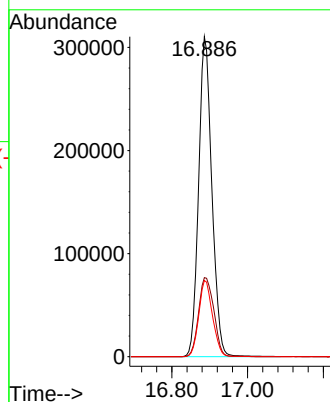
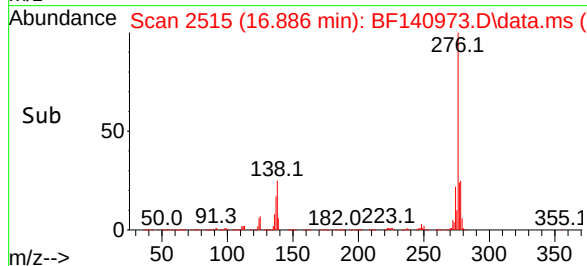


#87
Indeno(1,2,3-cd)pyrene
Concen: 19.433 ng
RT: 16.886 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BF140973.D
Acq: 26 Dec 2024 17:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

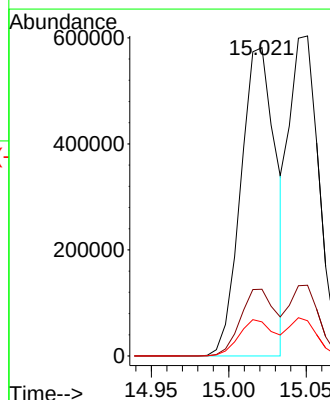
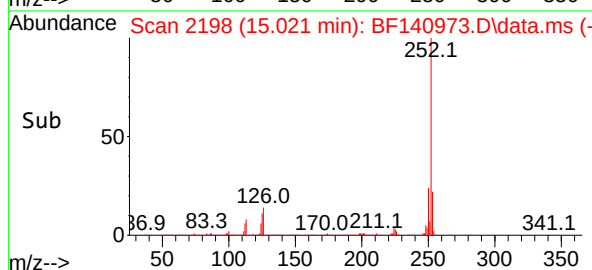
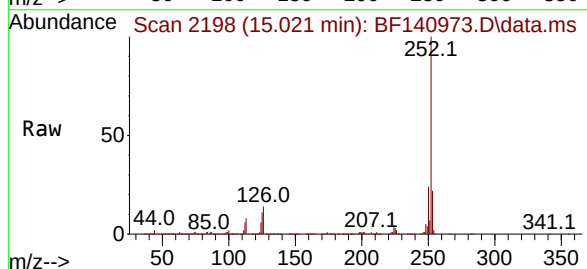


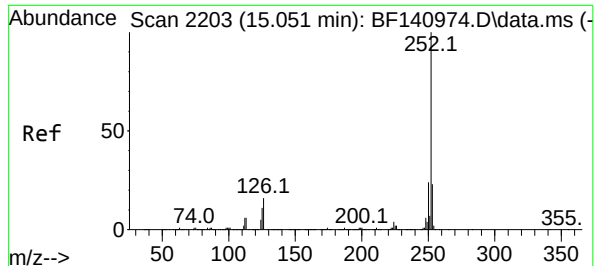
Tgt Ion:276 Resp: 755113
Ion Ratio Lower Upper
276 100
138 28.5 23.1 34.7
277 24.8 20.4 30.6



#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

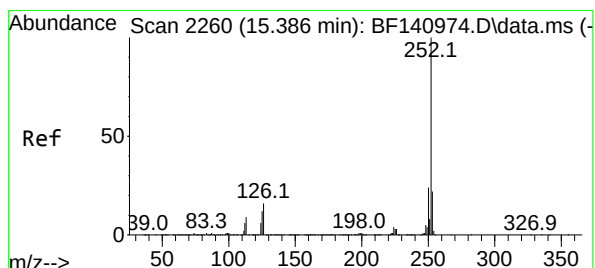
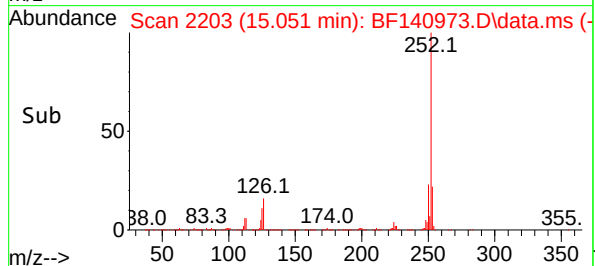
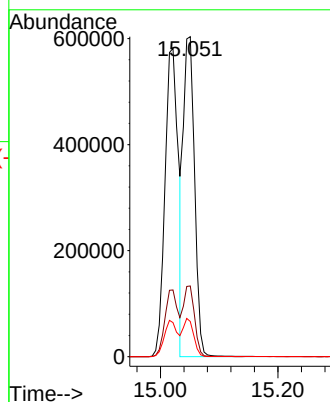
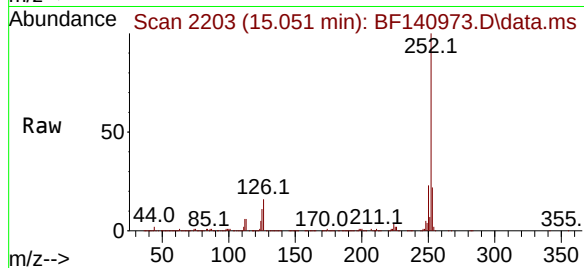
Tgt Ion:252 Resp: 802261

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

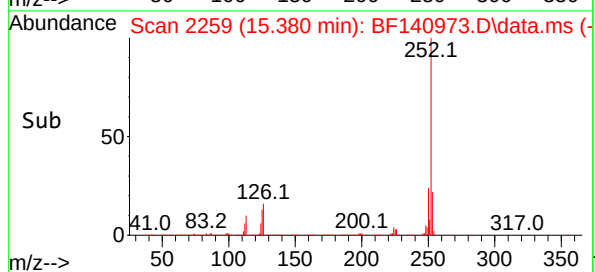
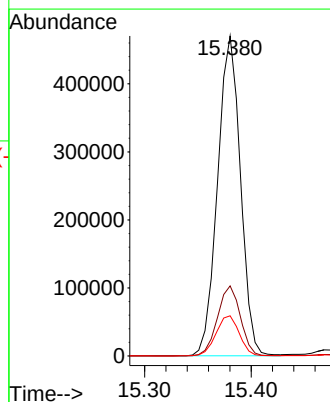
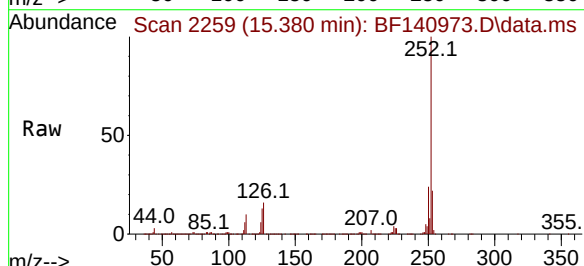
Tgt Ion:252 Resp: 701080

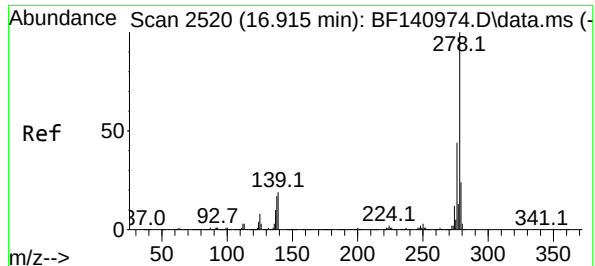
Ion Ratio Lower Upper

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

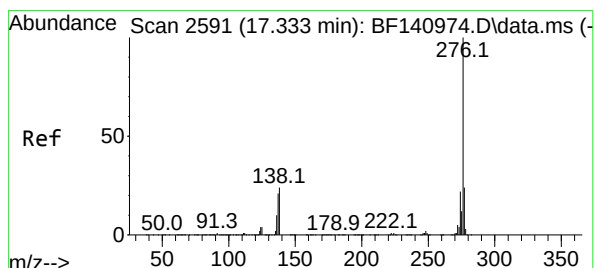
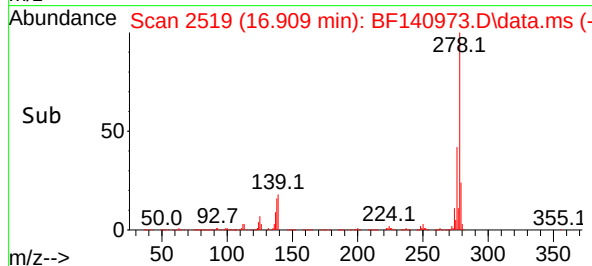
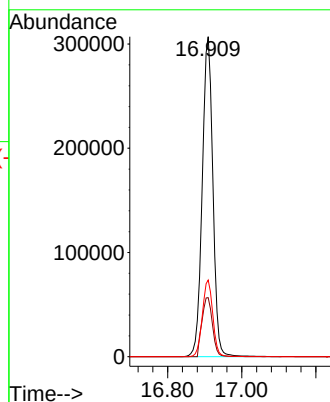
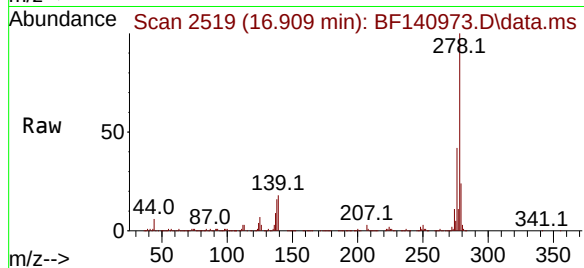
Tgt Ion:278 Resp: 611811

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

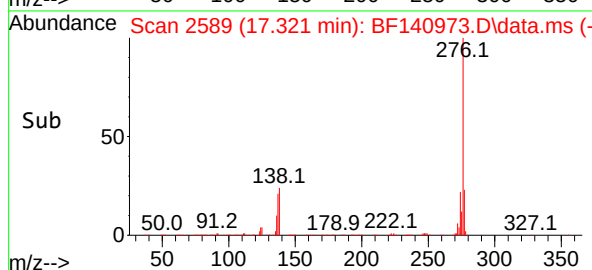
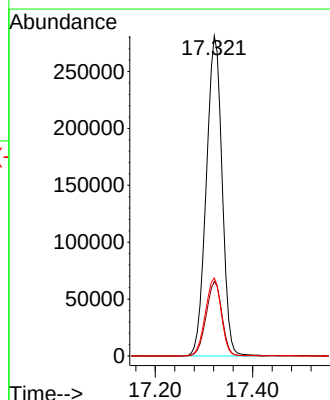
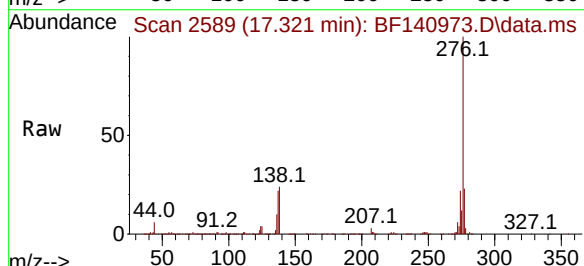
Tgt Ion:276 Resp: 630980

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

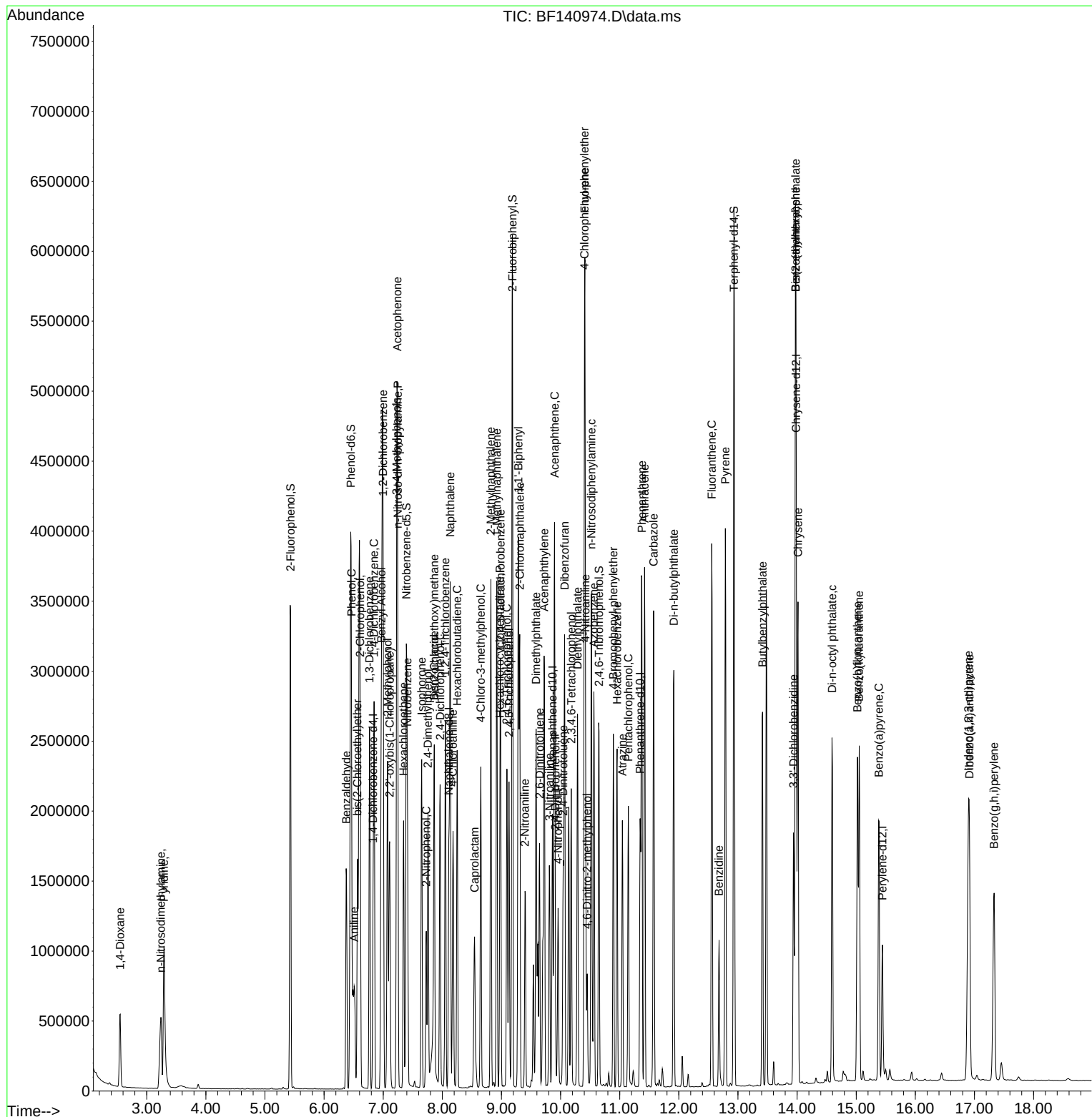
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	422062	40.562	ng	100
46) 1,1'-Biphenyl	9.286	154	1643157	38.638	ng	100
47) 2-Chloronaphthalene	9.310	162	1266026	38.385	ng	100
48) 2-Nitroaniline	9.398	65	319958	38.138	ng	100
49) Acenaphthylene	9.722	152	1837752	38.706	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

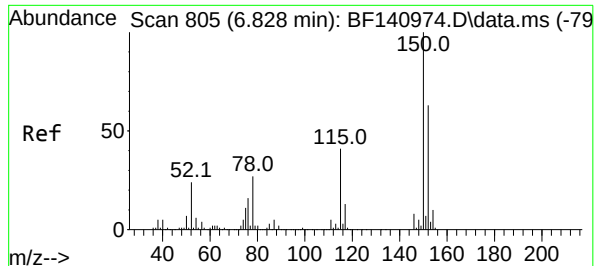
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

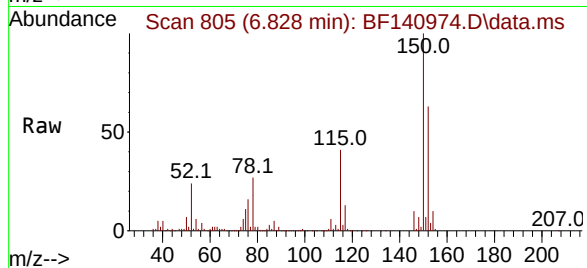
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024





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

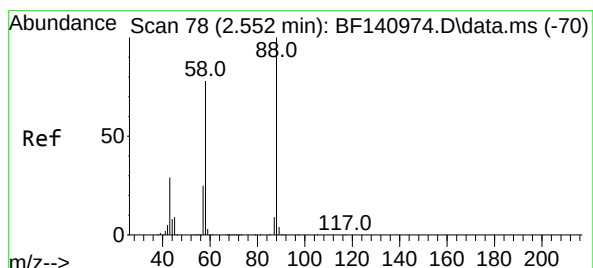
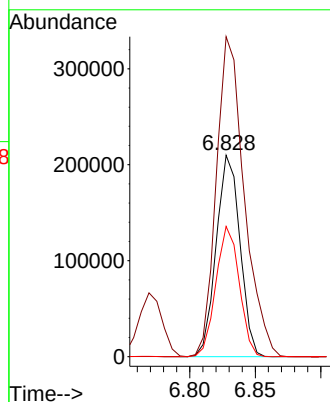
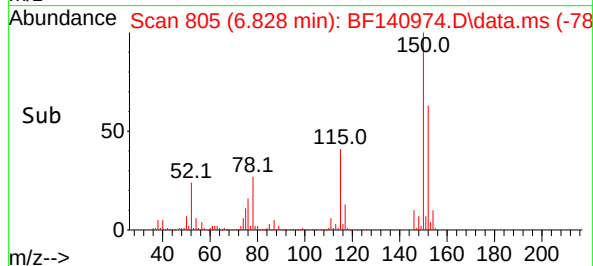
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

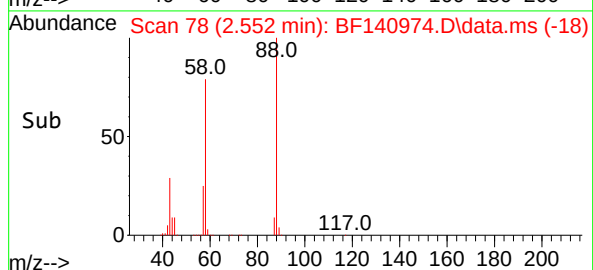
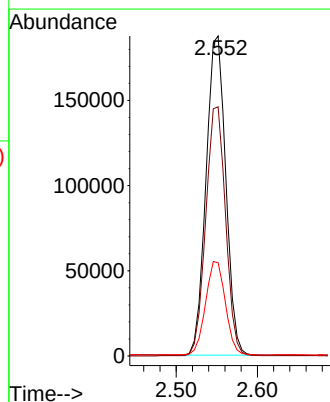
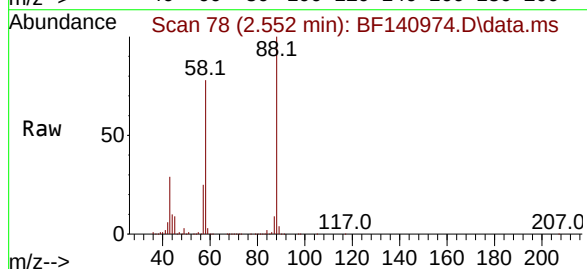
Manual Integrations
APPROVED

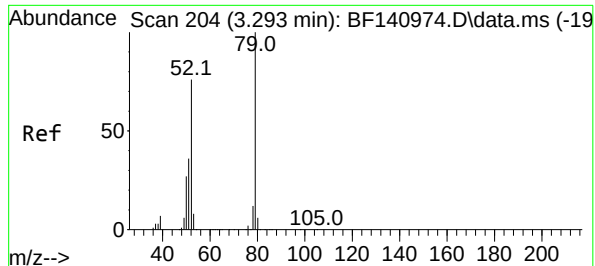
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

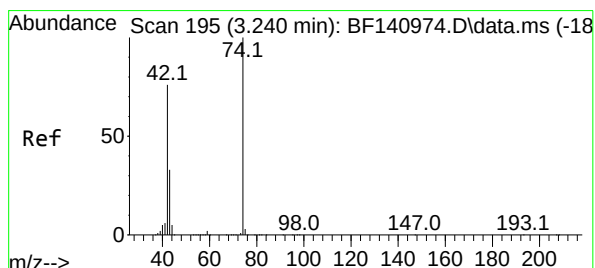
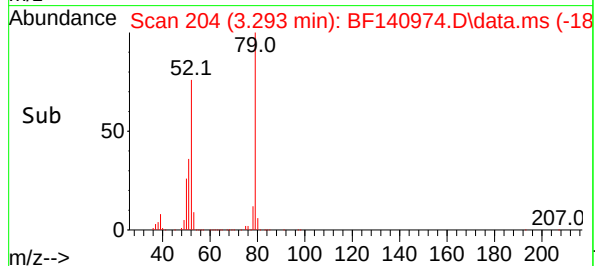
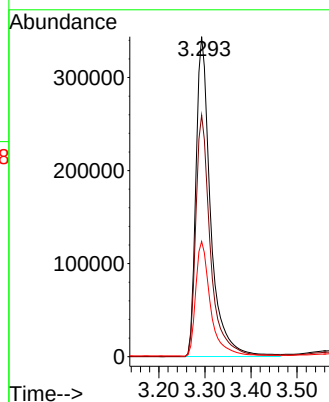
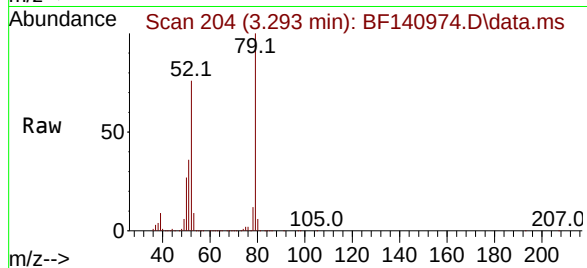
51 36.0 28.8 43.2

Manual Integrations

APPROVED

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

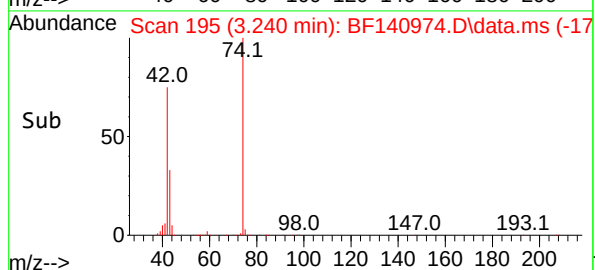
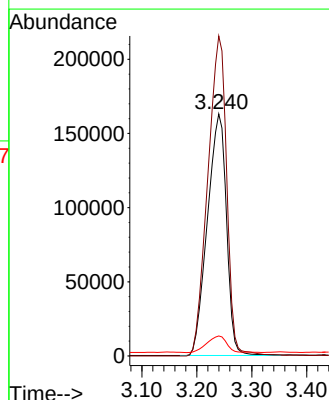
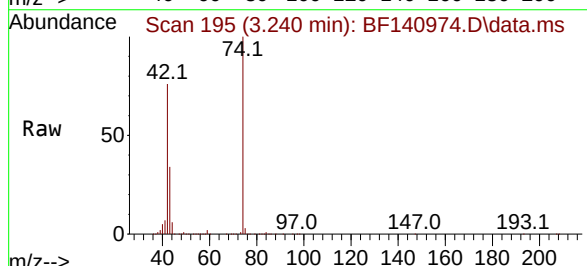
Tgt Ion: 42 Resp: 393459

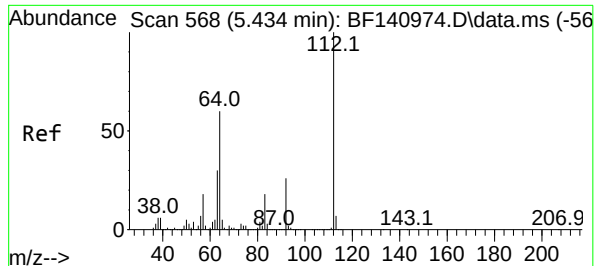
Ion Ratio Lower Upper

42 100

74 132.2 105.8 158.6

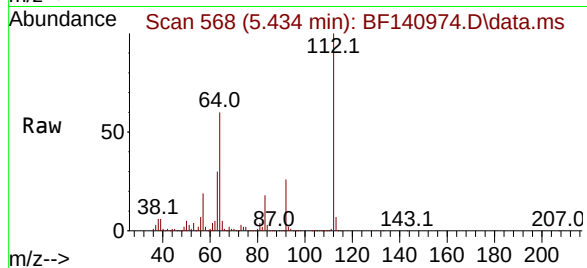
44 8.3 6.6 10.0





#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

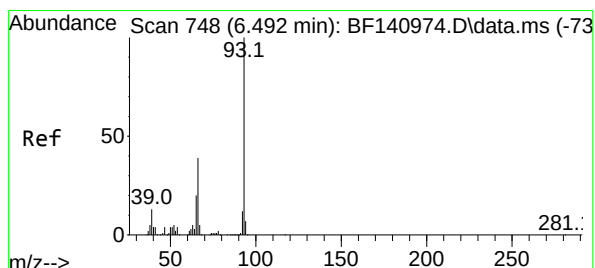
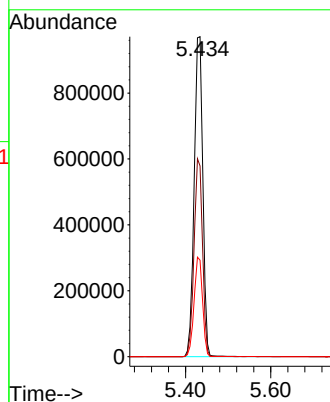
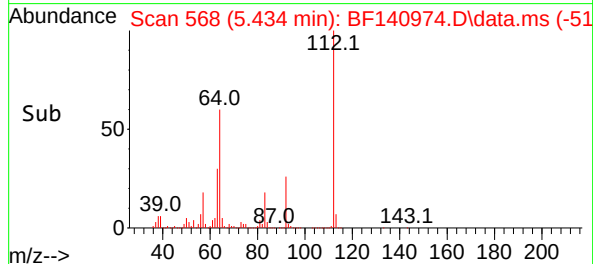
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

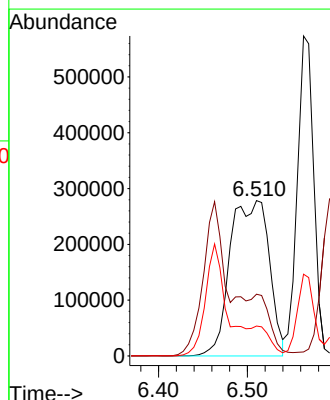
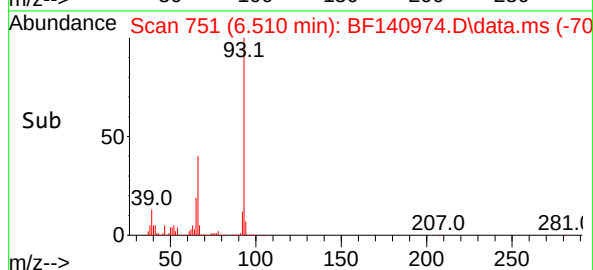
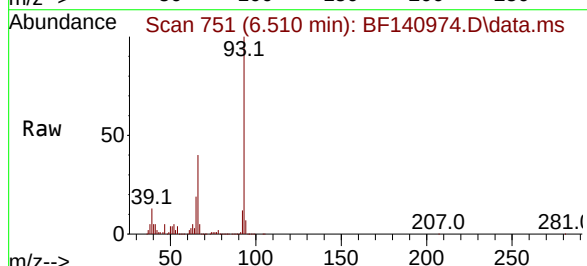
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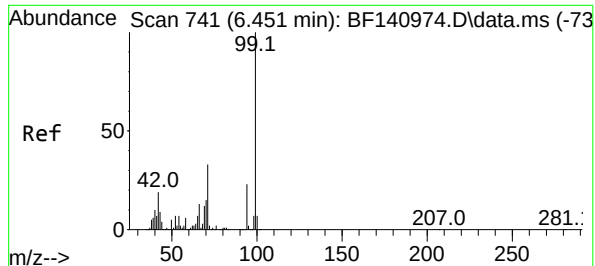
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

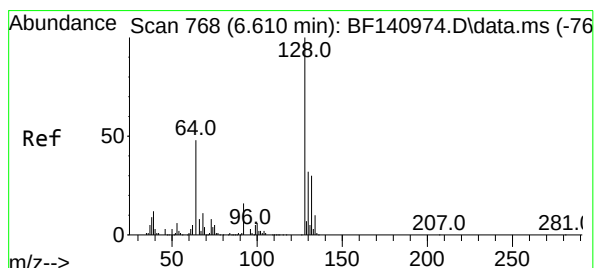
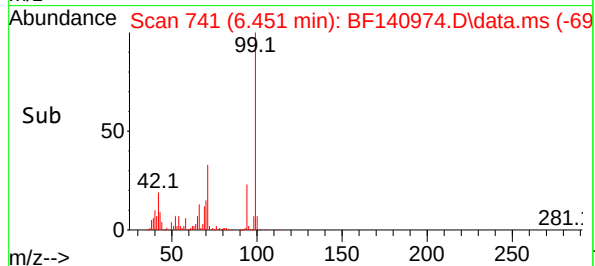
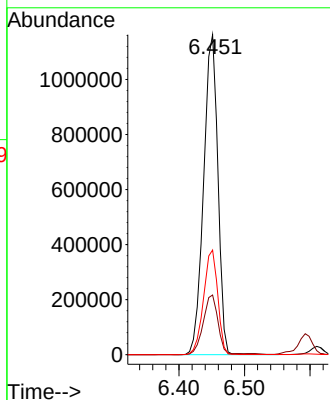
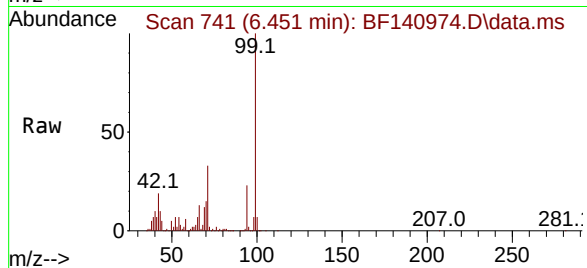
71 32.7 26.2 39.2

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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

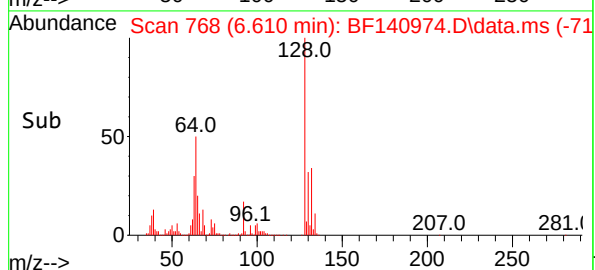
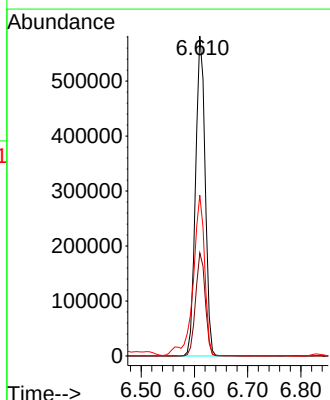
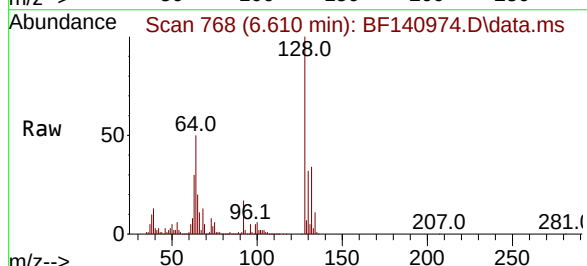
Tgt Ion:128 Resp: 732249

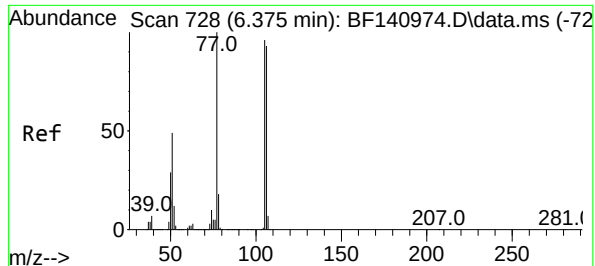
Ion Ratio Lower Upper

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# 71

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

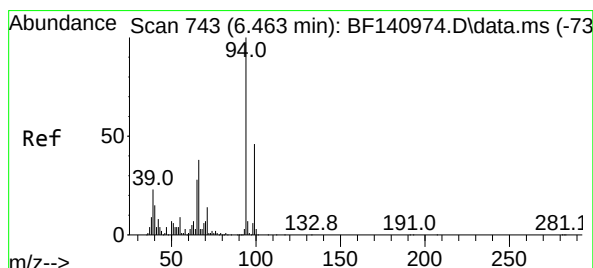
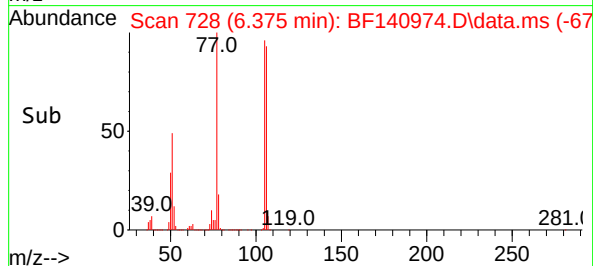
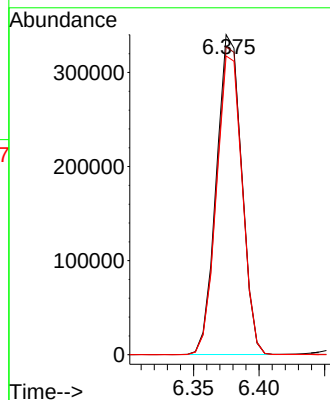
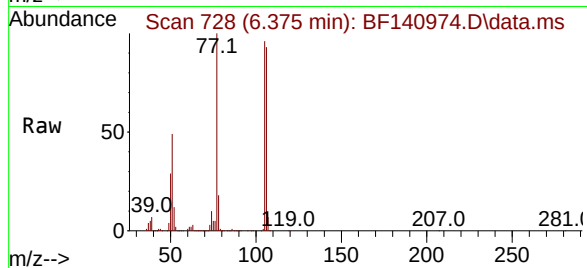
106 93.4 73.4 113.4

Manual Integrations

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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

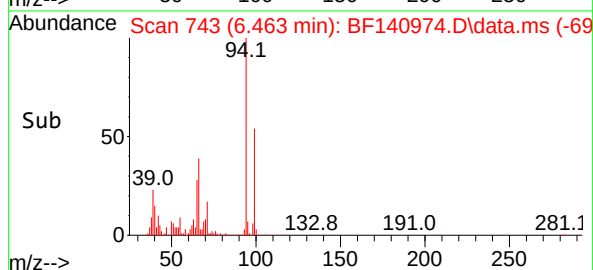
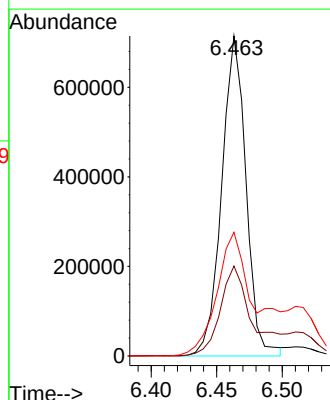
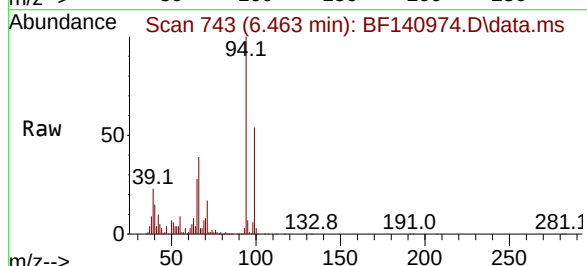
Tgt Ion: 94 Resp: 921228

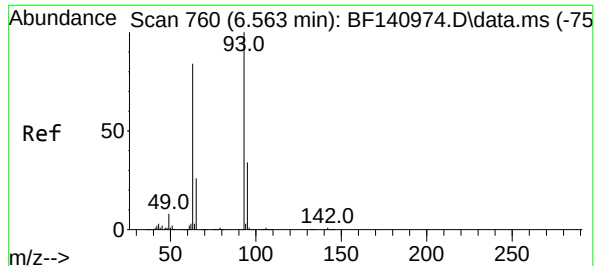
Ion Ratio Lower Upper

94 100

65 28.1 8.1 48.1

66 38.7 18.7 58.7





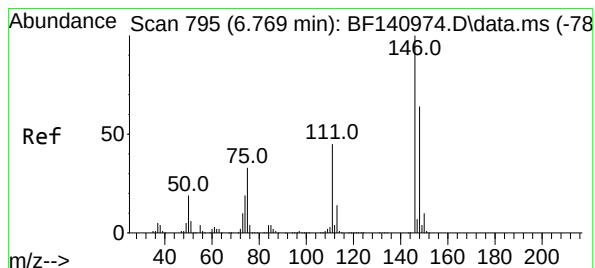
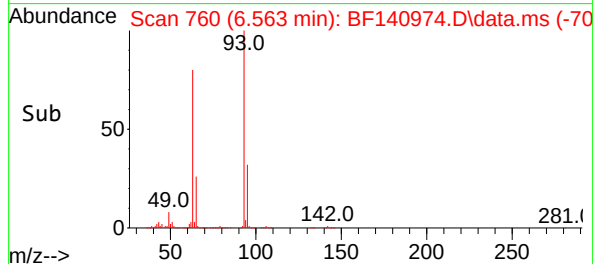
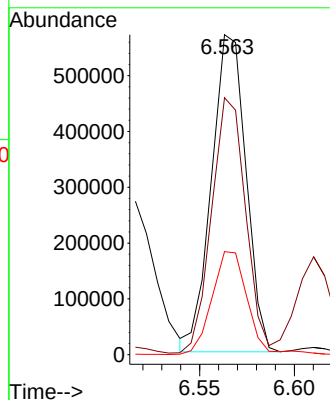
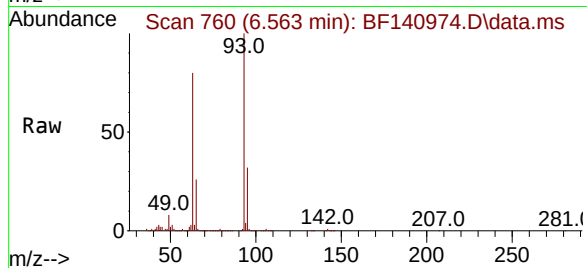
#11
bis(2-Chloroethyl)ether
Concen: 38.239 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

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

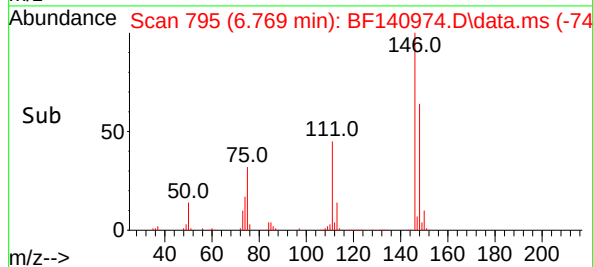
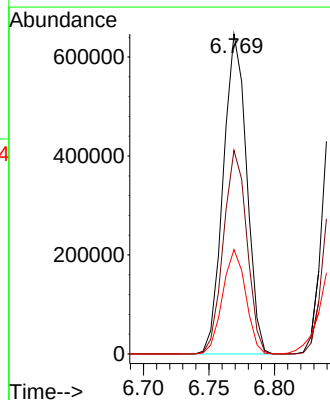
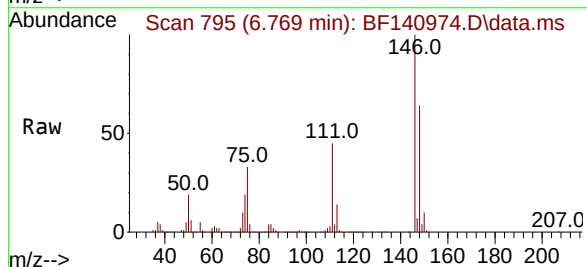
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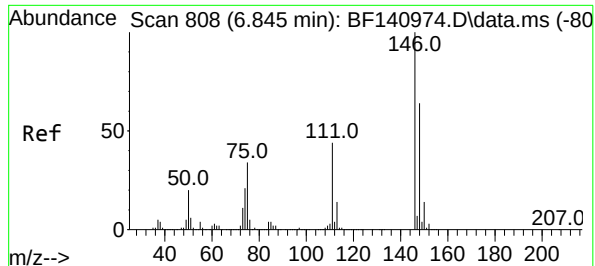
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

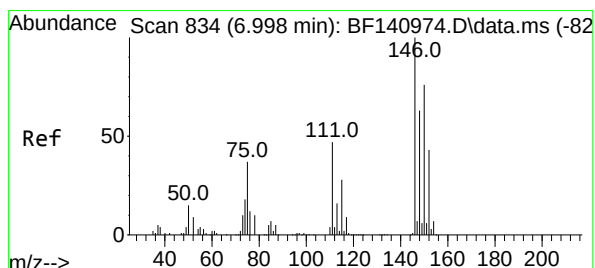
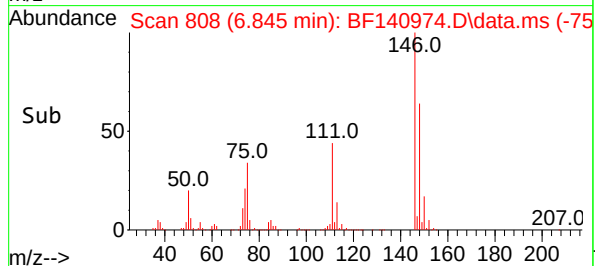
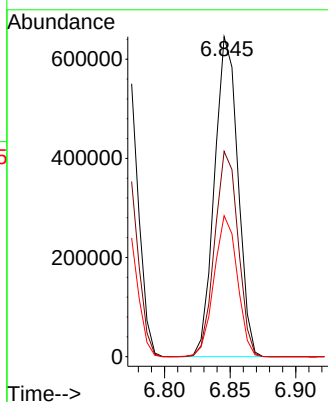
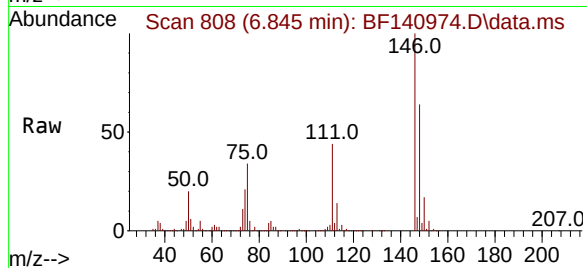
111 44.1 35.3 52.9

Manual Integrations

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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

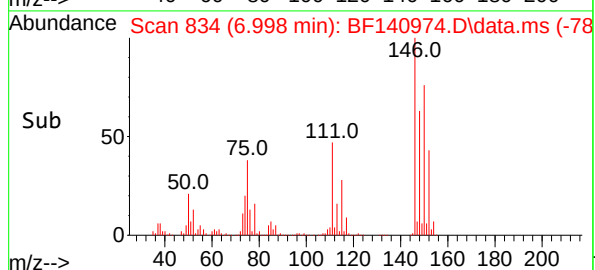
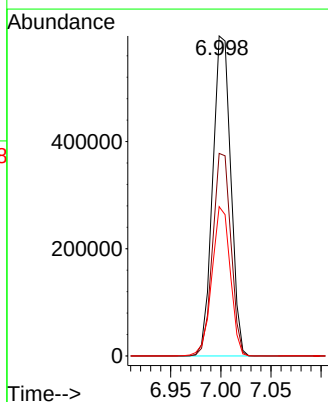
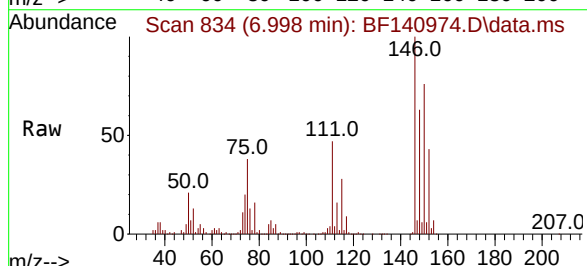
Tgt Ion:146 Resp: 748204

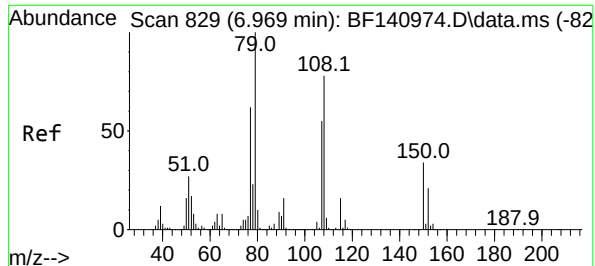
Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

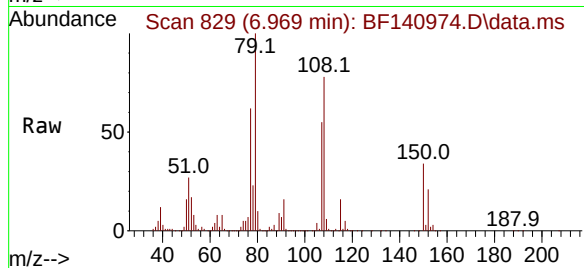
111 46.6 37.3 55.9





#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

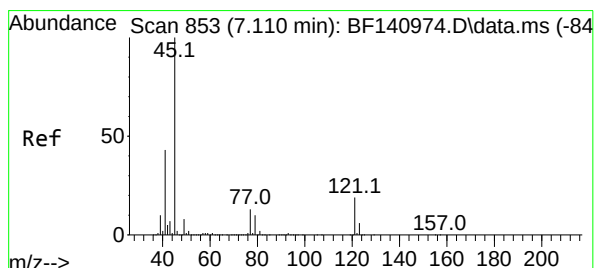
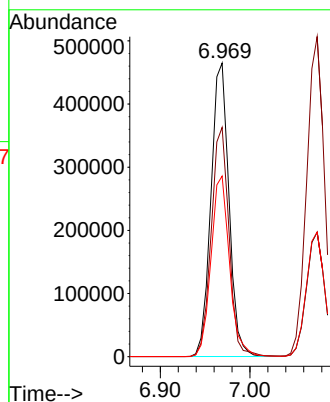
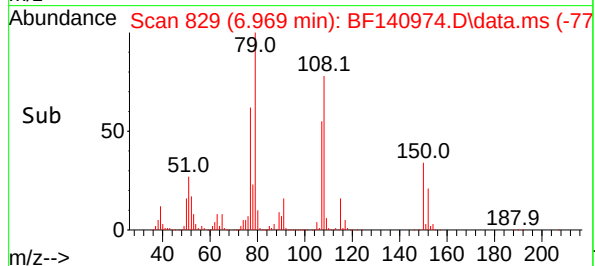
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

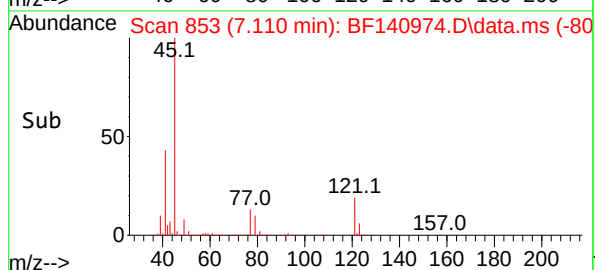
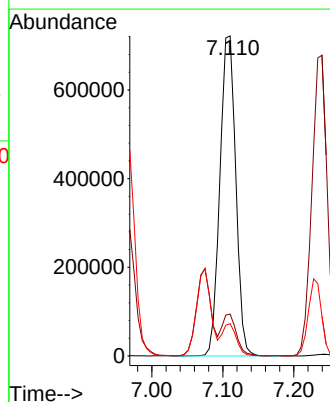
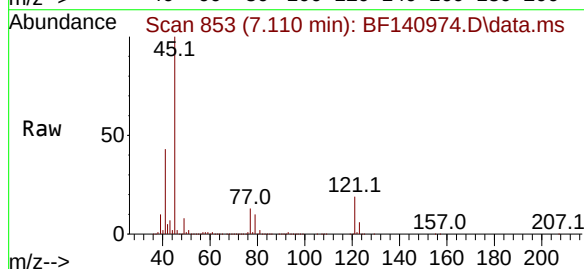
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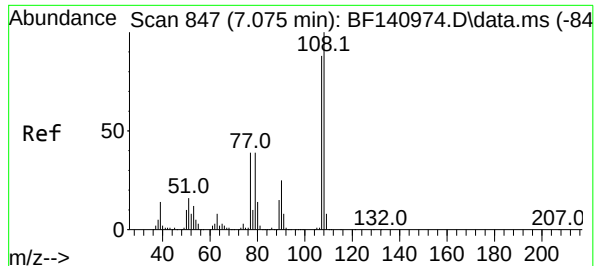
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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: 608223

Ion Ratio Lower Upper

107 100

108 113.3 90.6 136.0

77 44.1 35.3 52.9

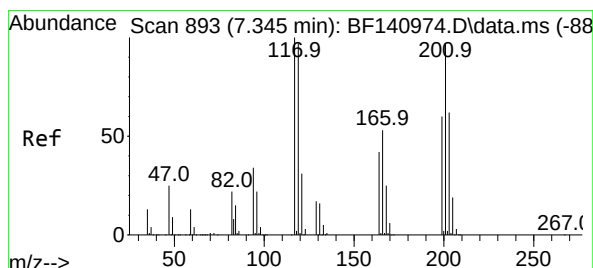
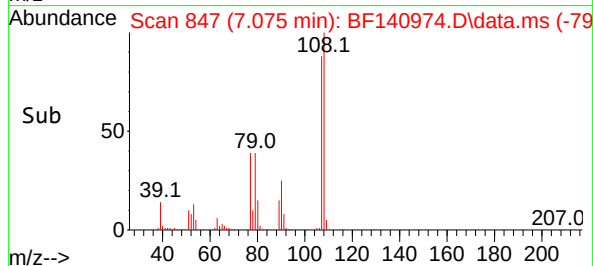
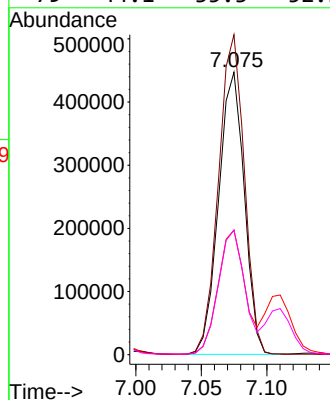
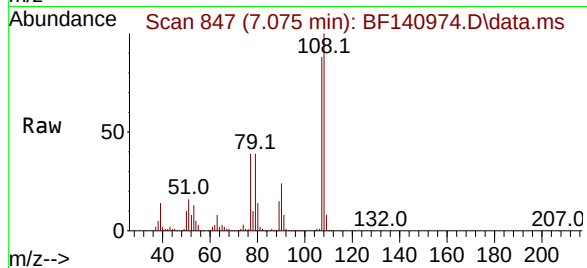
79 44.1 35.3 52.9

Manual Integrations

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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

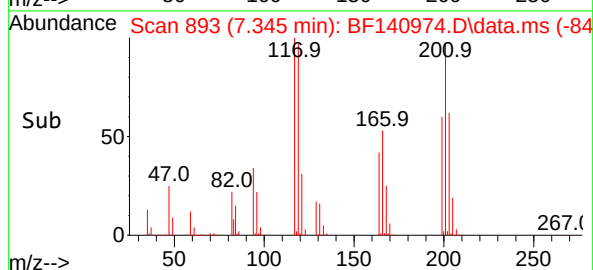
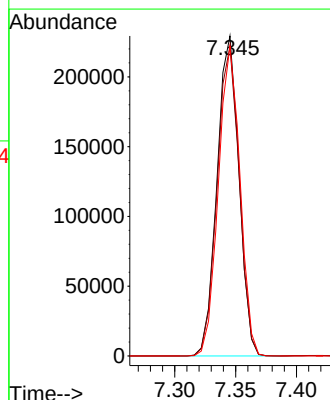
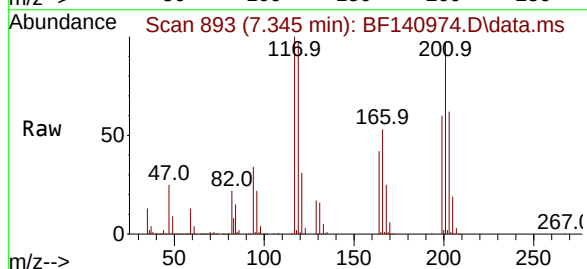
Tgt Ion:117 Resp: 287289

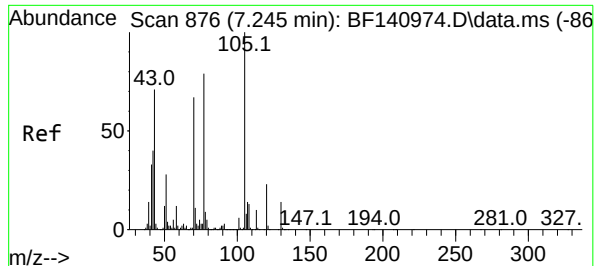
Ion Ratio Lower Upper

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

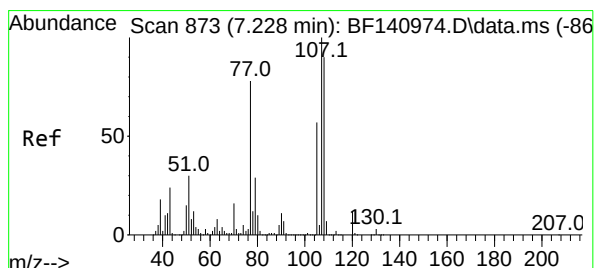
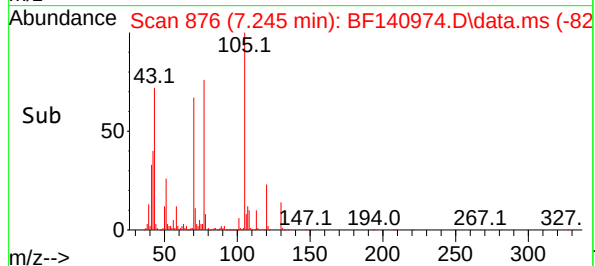
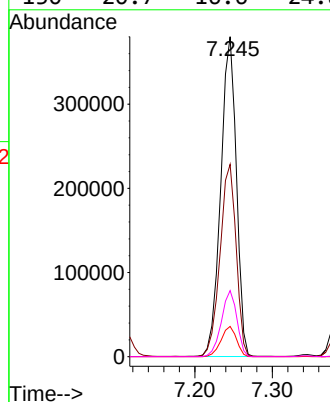
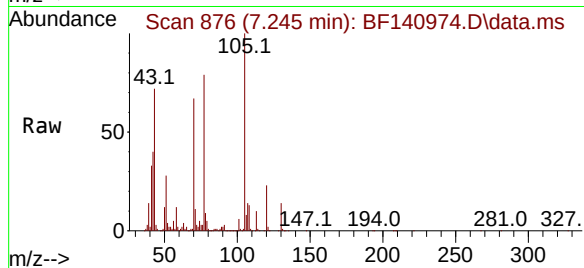
130 20.7 16.6 24.8

Manual Integrations

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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

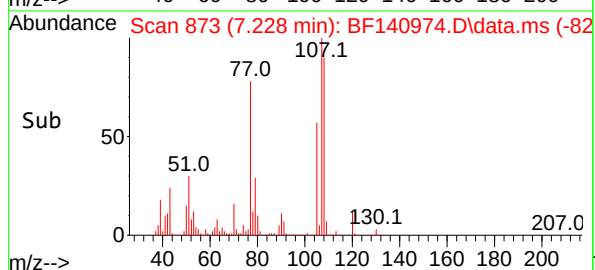
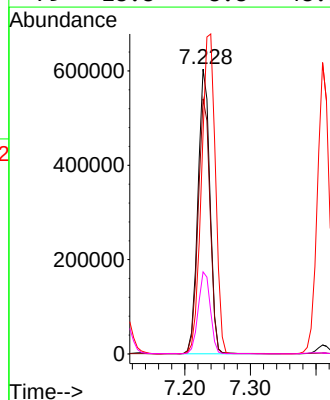
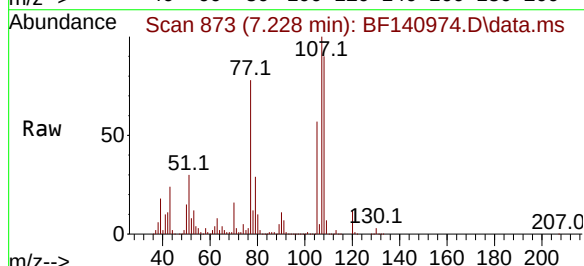
Ion Ratio Lower Upper

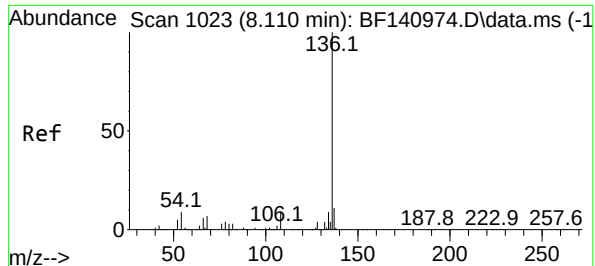
107 100

108 89.6 69.6 109.6

77 77.6 57.6 97.6

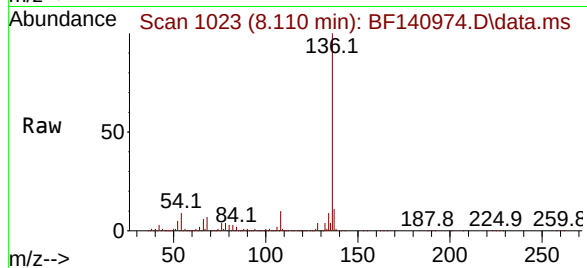
79 28.8 8.8 48.8





#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

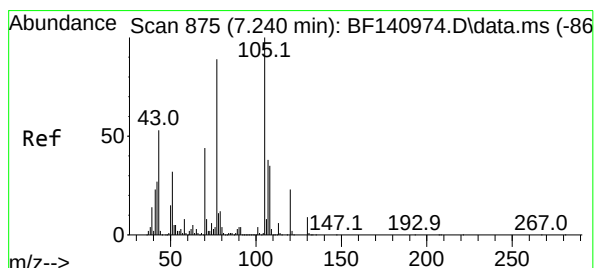
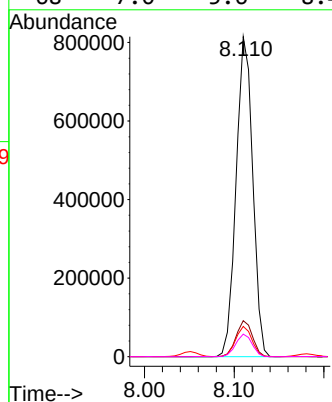
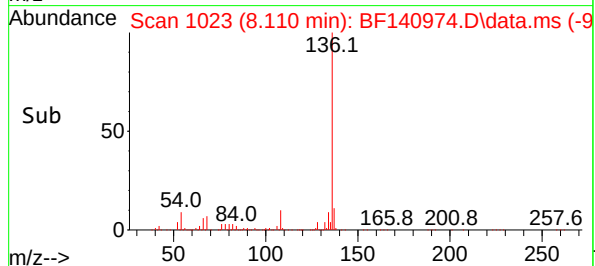
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

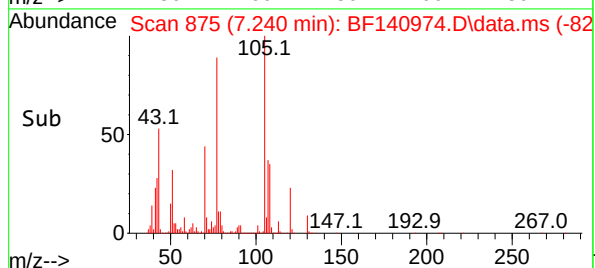
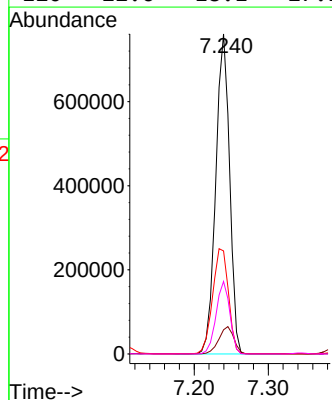
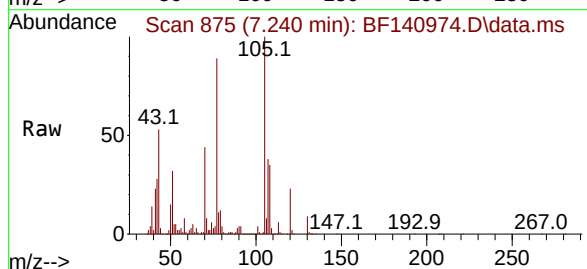
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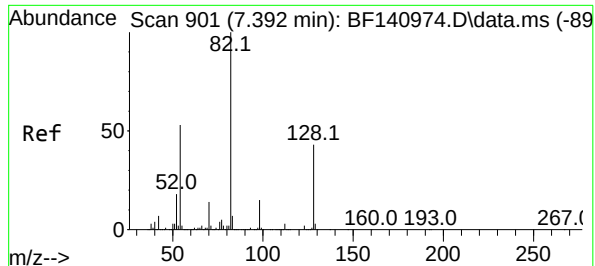
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

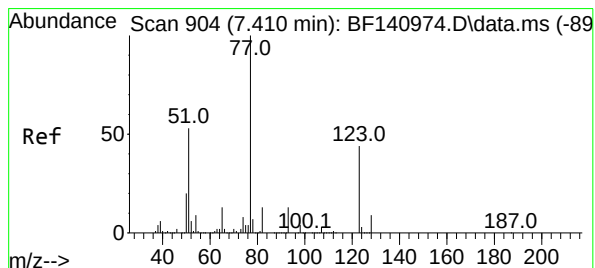
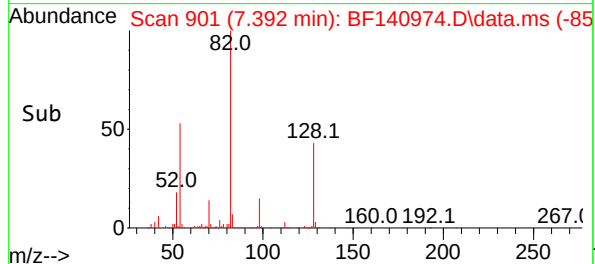
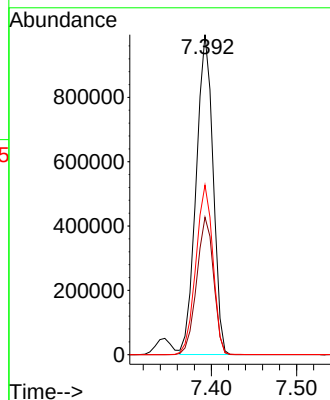
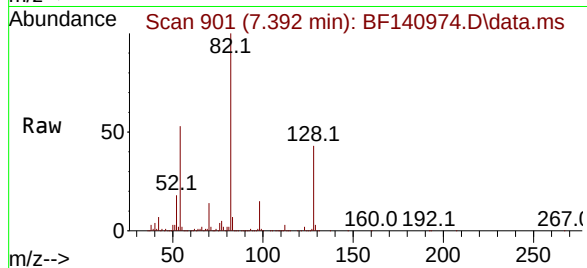
54 53.0 42.4 63.6

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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

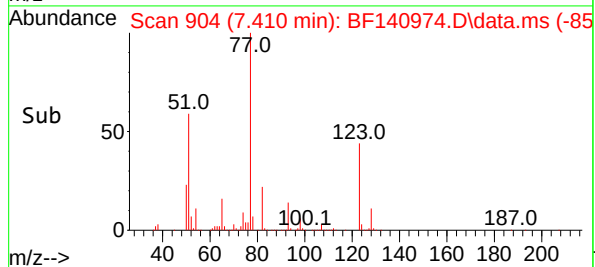
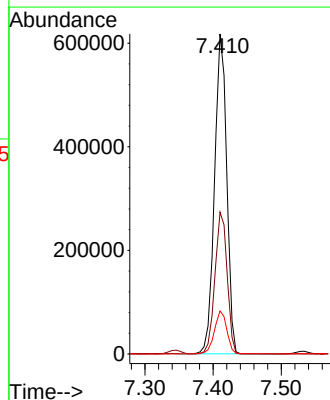
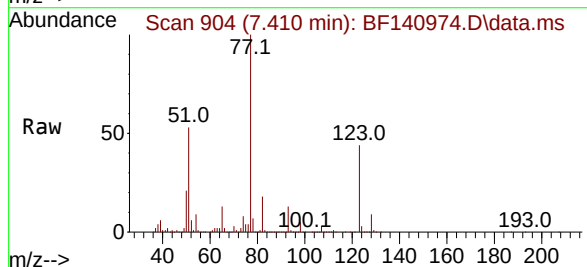
Tgt Ion: 77 Resp: 767486

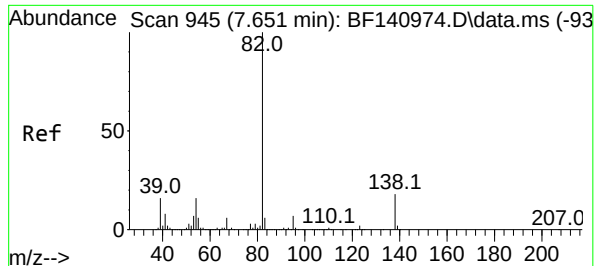
Ion Ratio Lower Upper

77 100

123 44.3 35.4 53.2

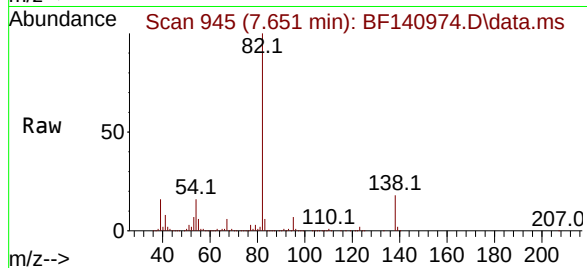
65 13.4 10.7 16.1





#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

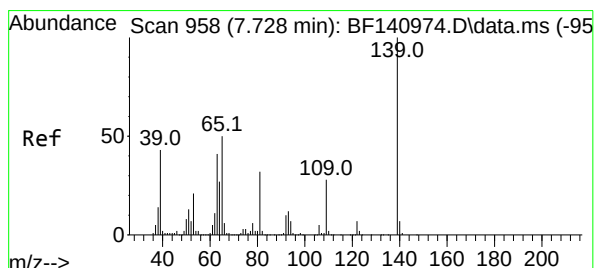
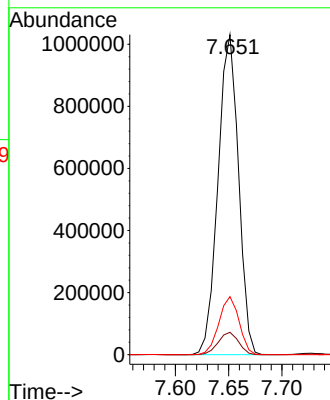
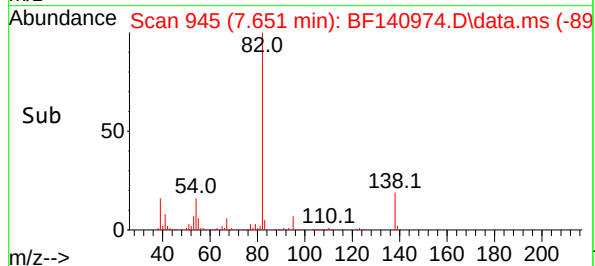
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

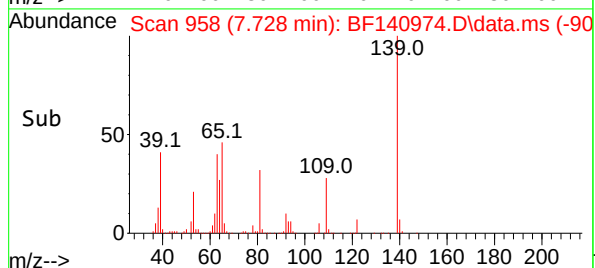
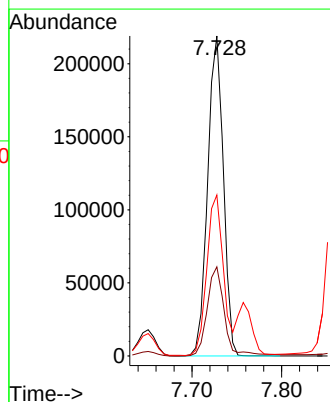
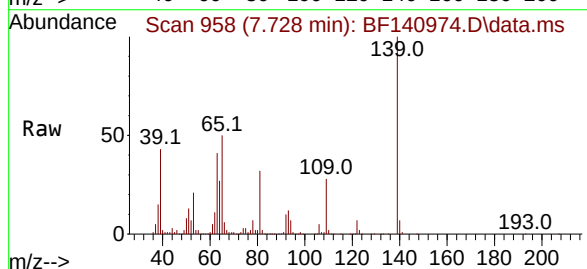
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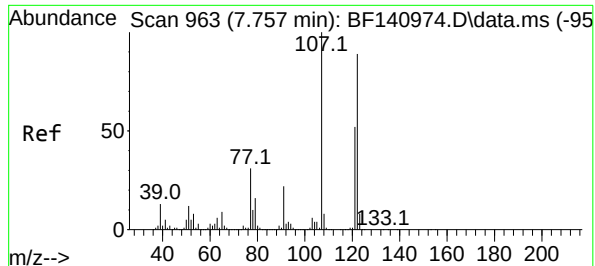
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

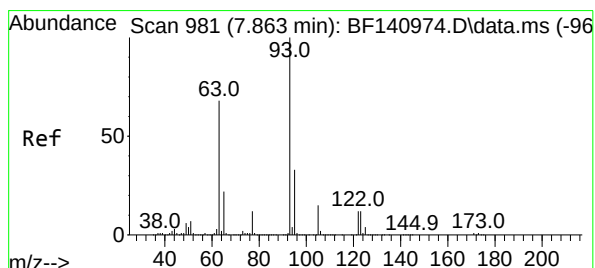
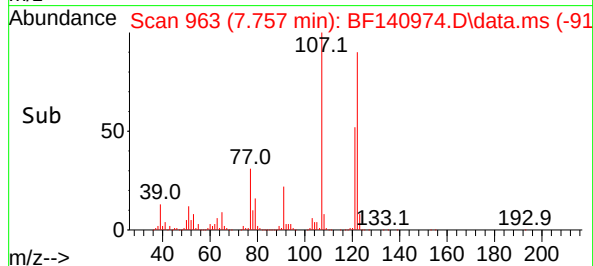
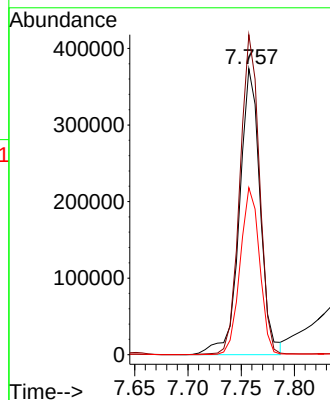
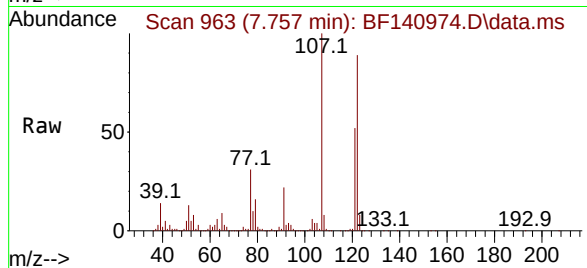
121 58.4 46.7 70.1

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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

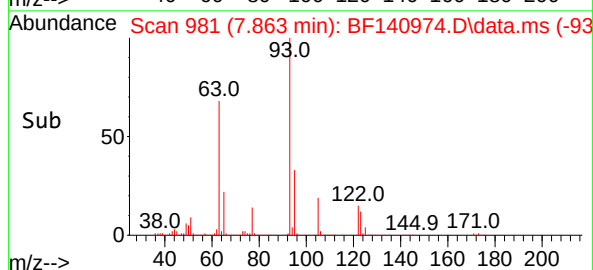
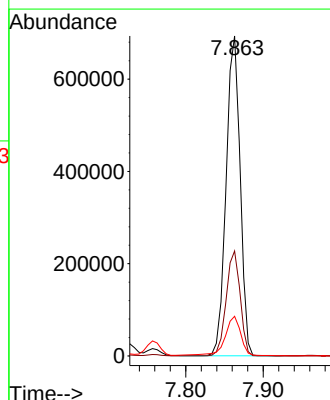
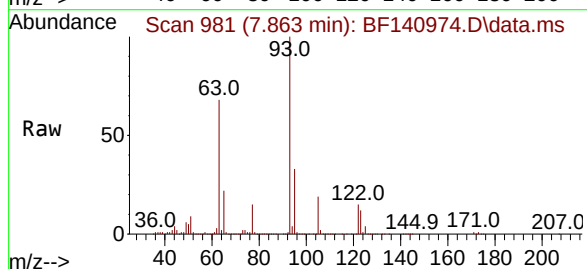
Tgt Ion: 93 Resp: 869568

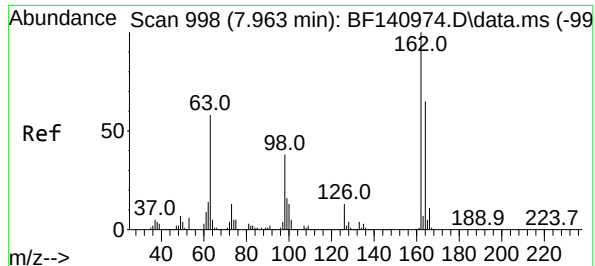
Ion Ratio Lower Upper

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

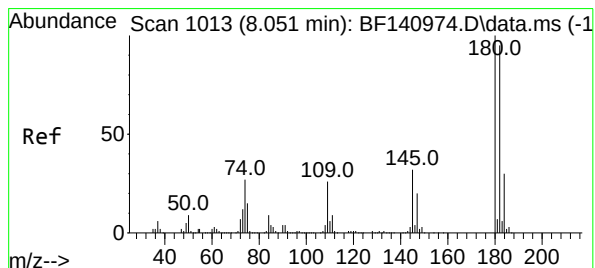
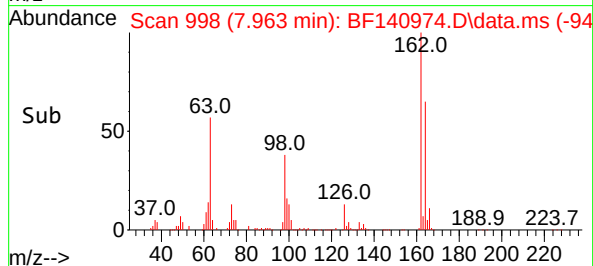
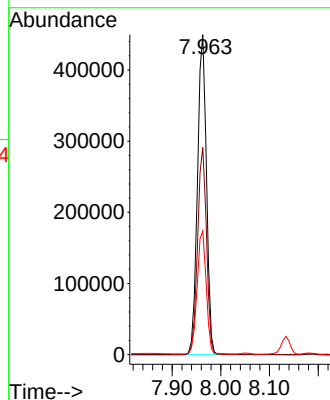
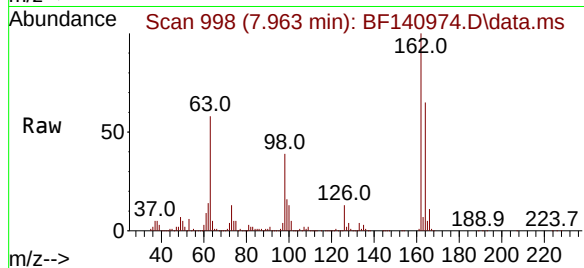
98 38.6 18.6 58.6

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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

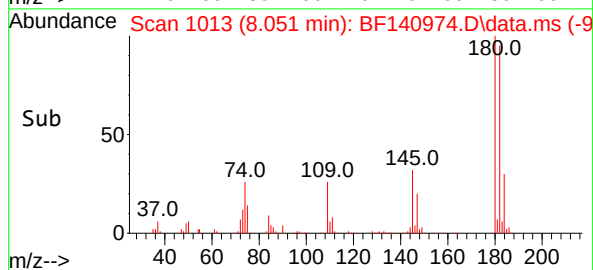
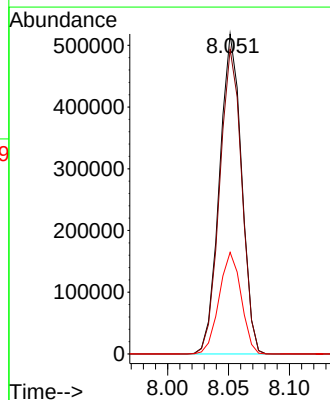
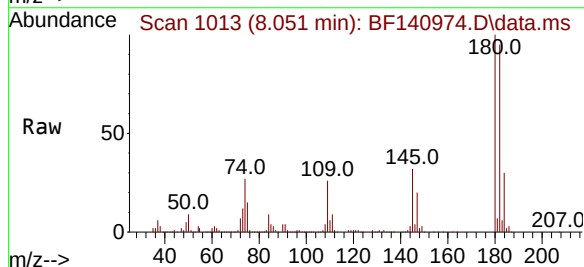
Tgt Ion:180 Resp: 654033

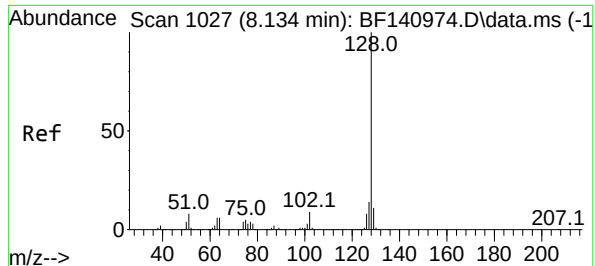
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

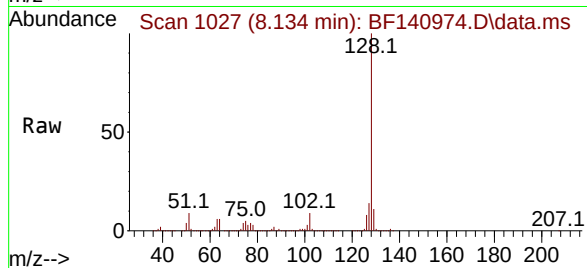
145 31.8 25.4 38.2





#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

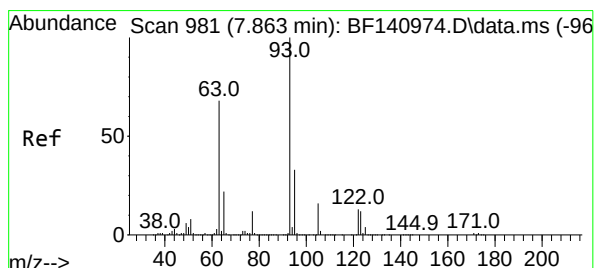
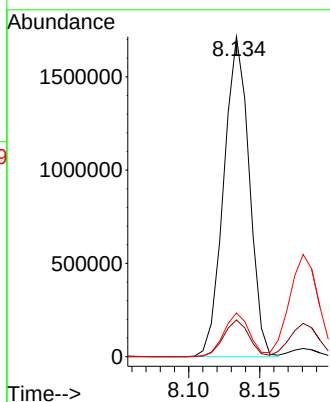
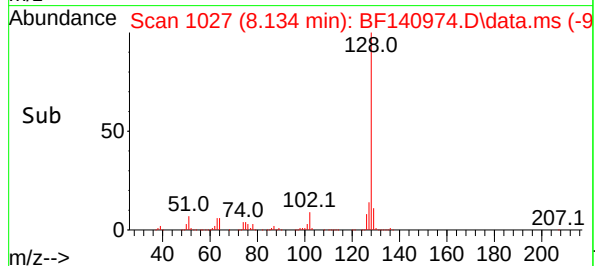
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

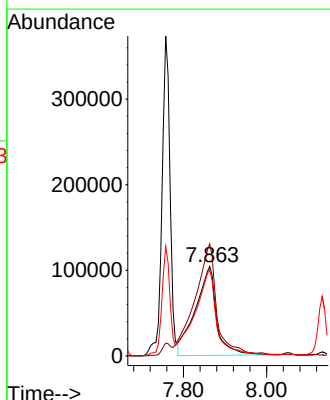
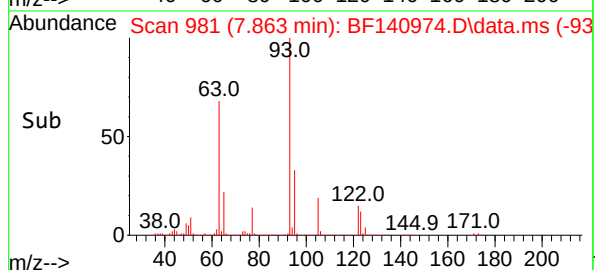
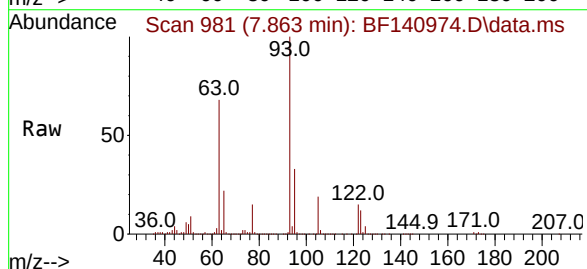
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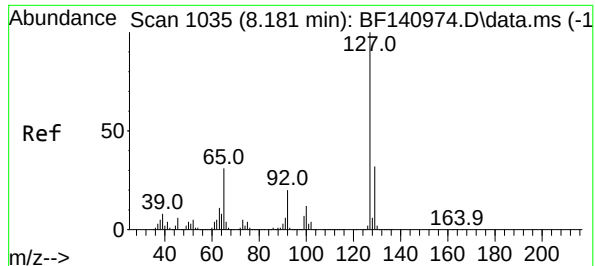
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

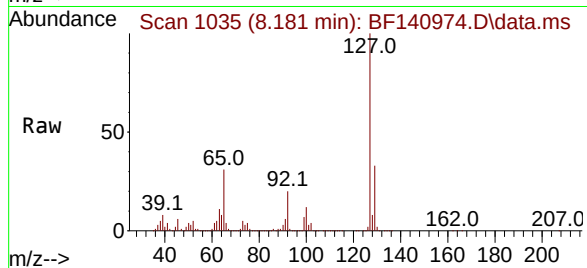
Tgt Ion:122 Resp: 372684
Ion Ratio Lower Upper
122 100
105 125.4 105.4 145.4
77 96.4 76.4 116.4





#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

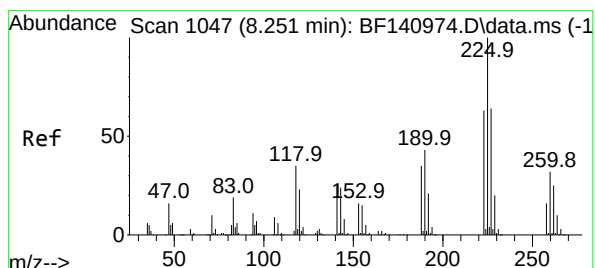
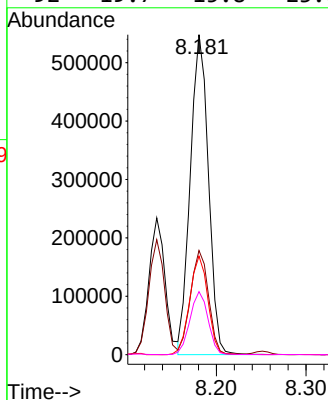
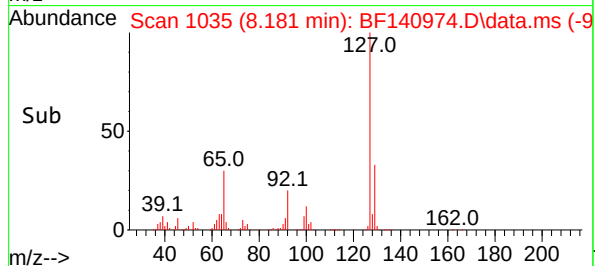
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

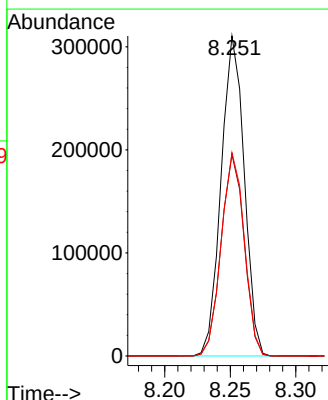
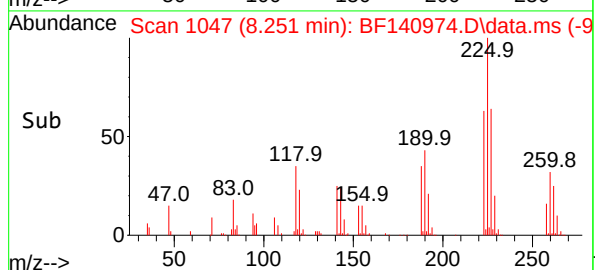
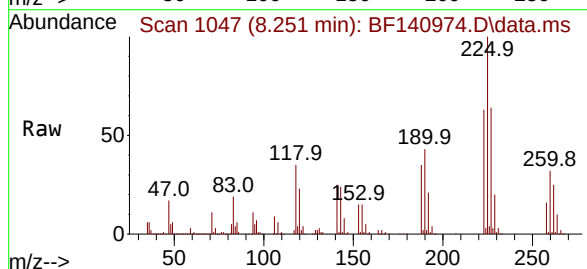
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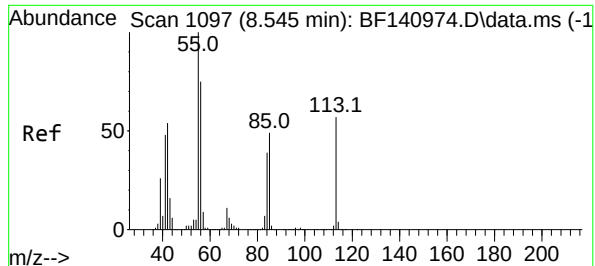
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





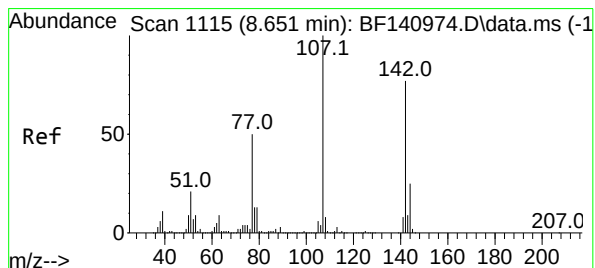
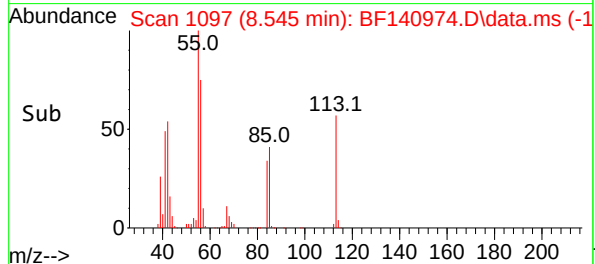
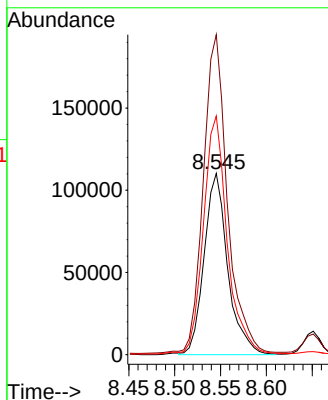
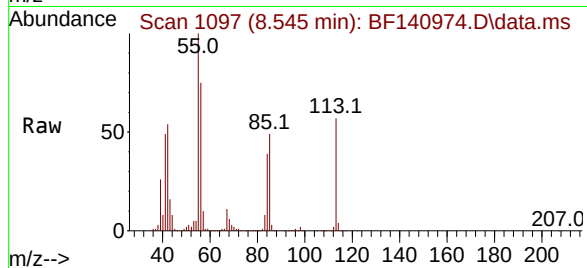
#35
Caprolactam
Concen: 39.375 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

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

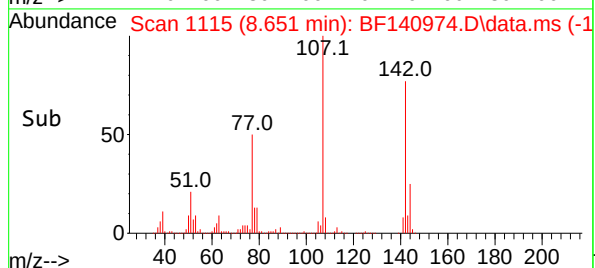
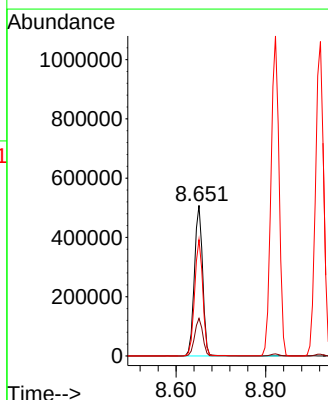
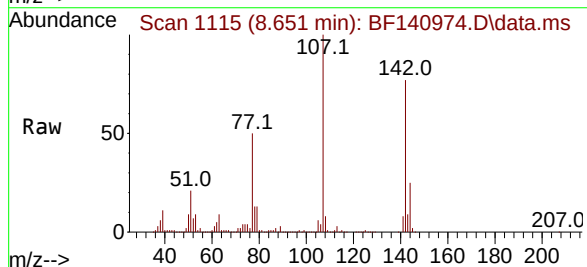
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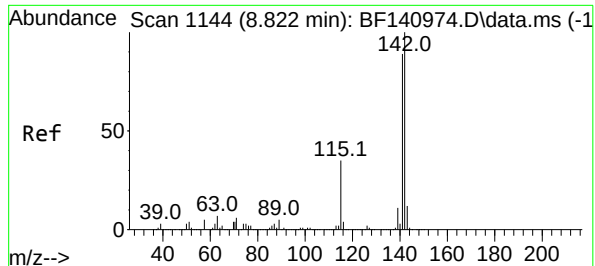
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

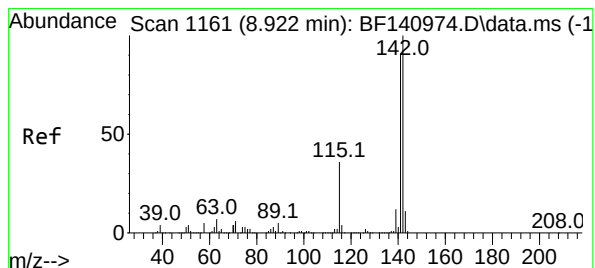
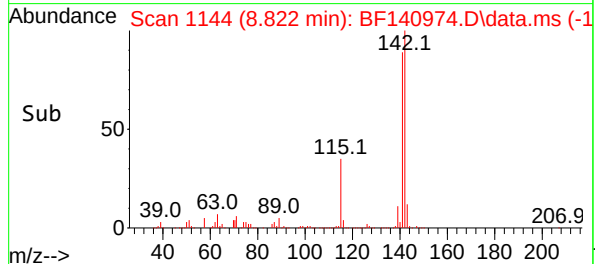
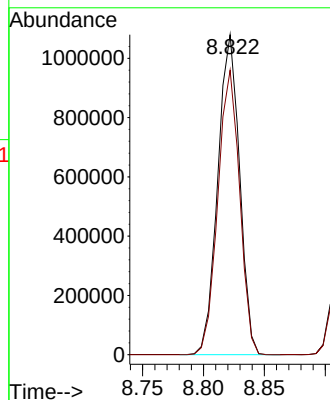
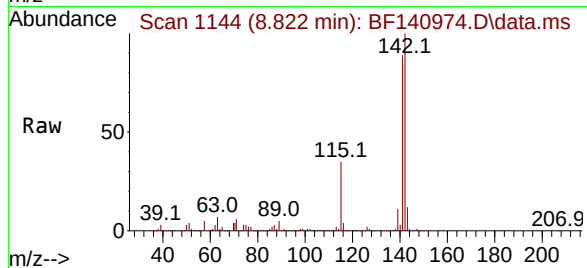
141 88.9 71.1 106.7

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

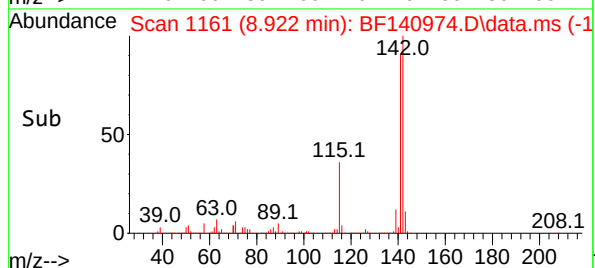
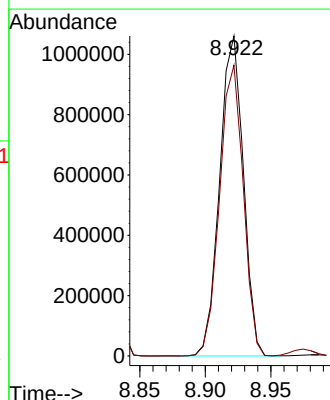
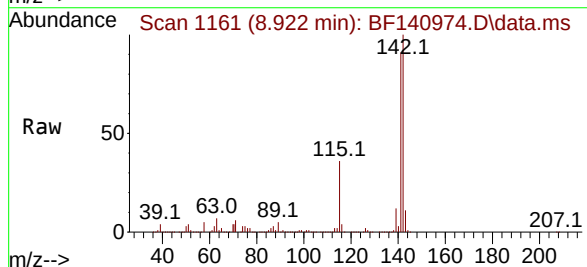
Acq: 26 Dec 2024 18:06

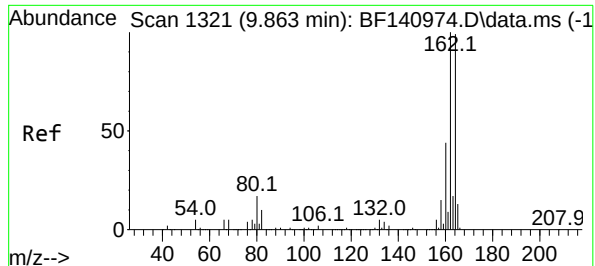
Tgt Ion:142 Resp: 1330393

Ion Ratio Lower Upper

142 100

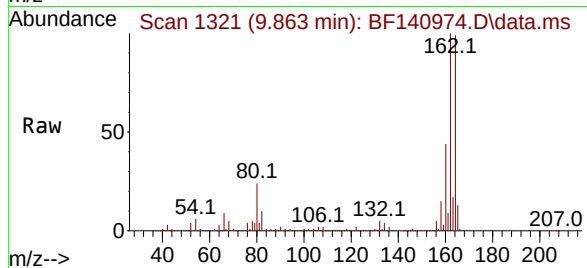
141 90.9 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

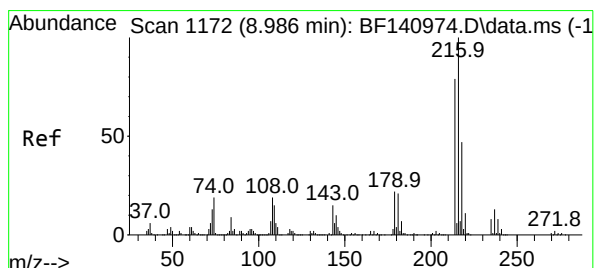
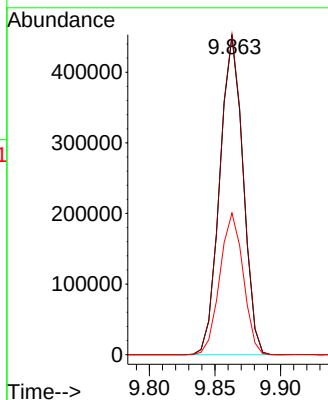
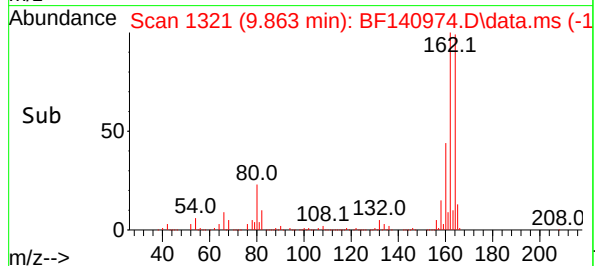
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

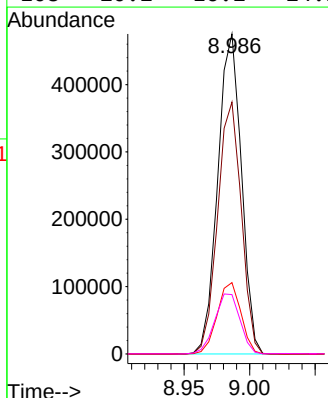
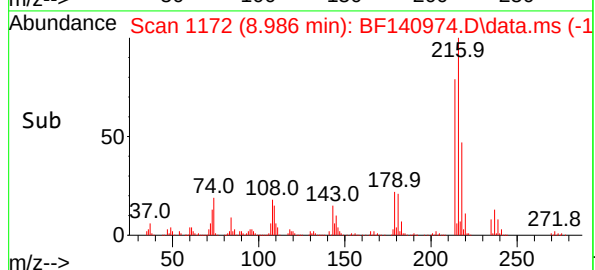
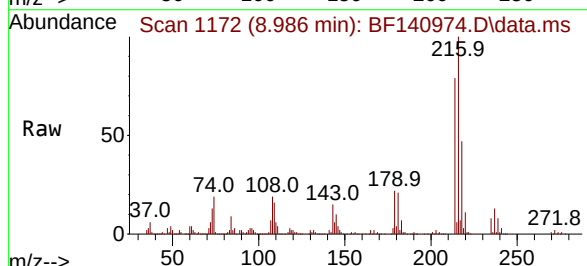
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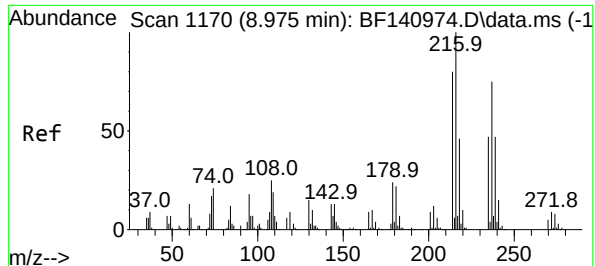
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.917 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

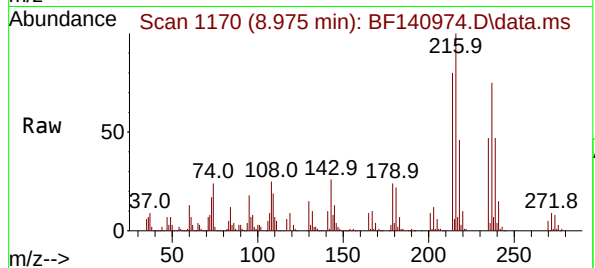
Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:237 Resp: 207205

Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

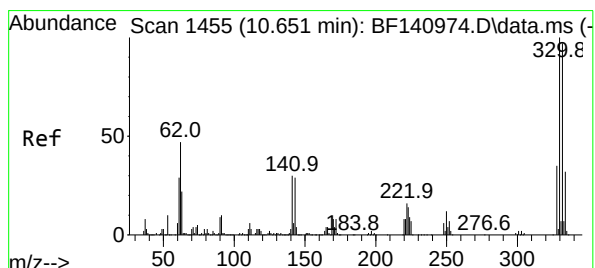
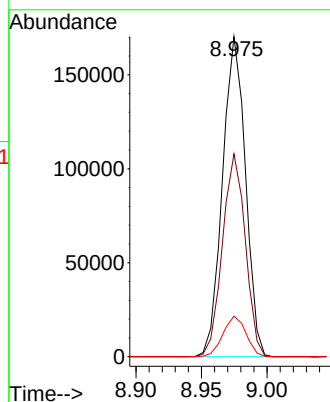
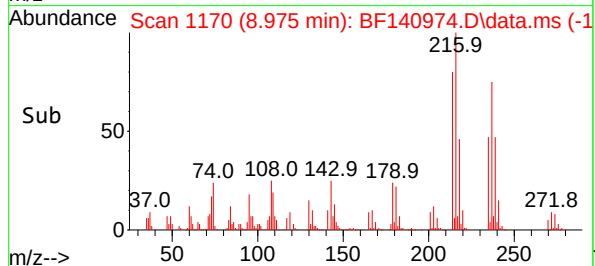
272 12.6 0.0 32.6

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#42

2,4,6-Tribromophenol

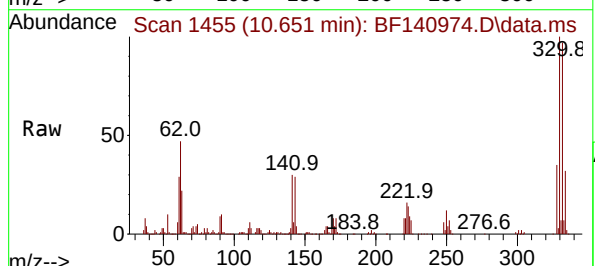
Concen: 80.733 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF140974.D

Acq: 26 Dec 2024 18:06



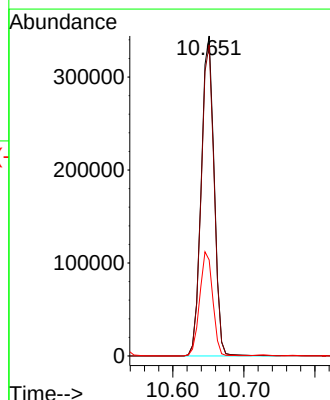
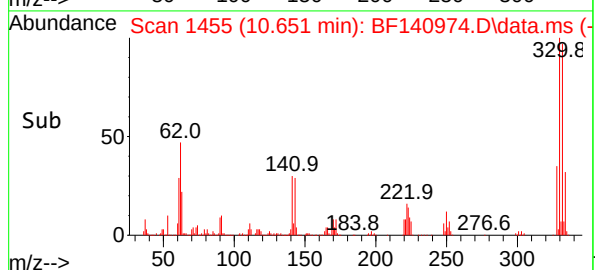
Tgt Ion:330 Resp: 435705

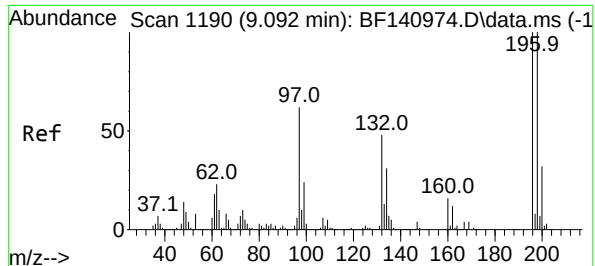
Ion Ratio Lower Upper

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

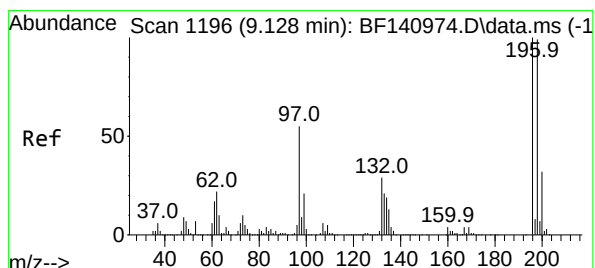
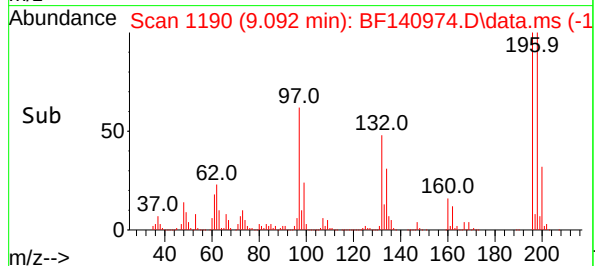
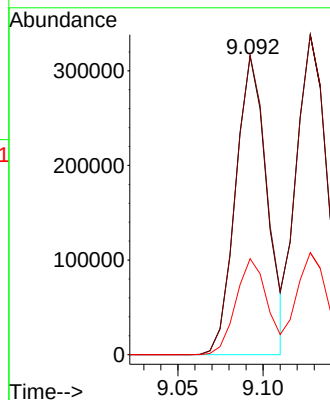
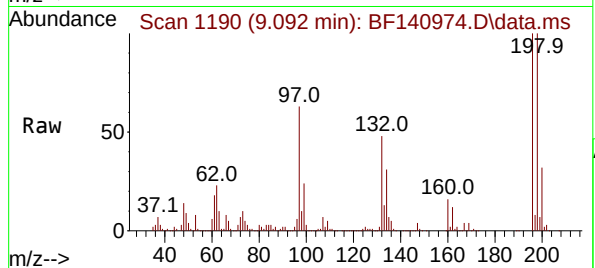
Tgt Ion:196 Resp: 40414

Ion	Ratio	Lower	Upper
196	100		
198	100.3	80.2	120.4
200	32.2	25.8	38.6

Manual Integrations

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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

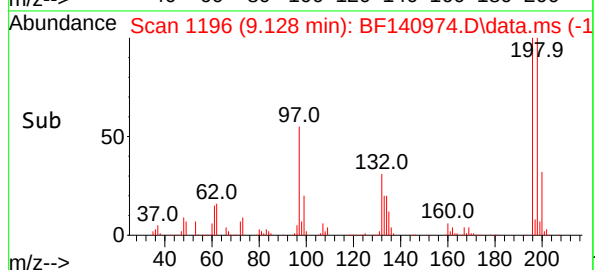
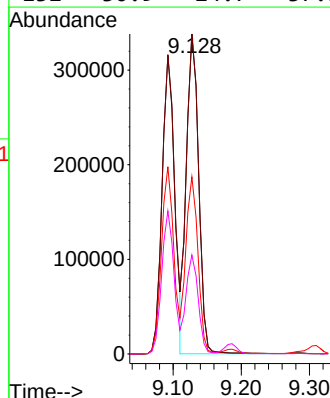
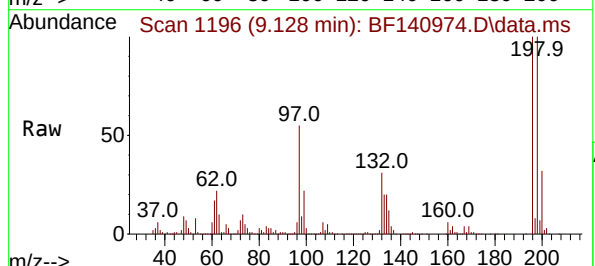
Delta R.T. 0.000 min

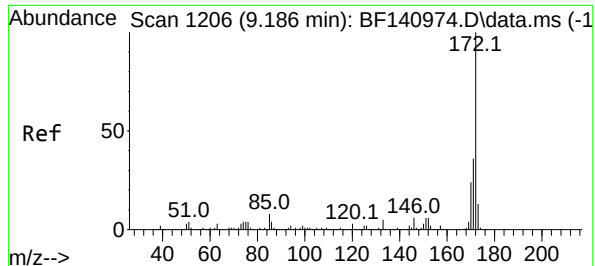
Lab File: BF140974.D

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

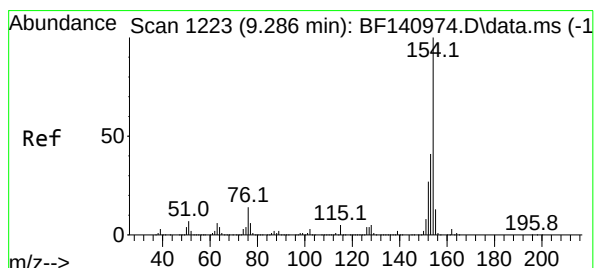
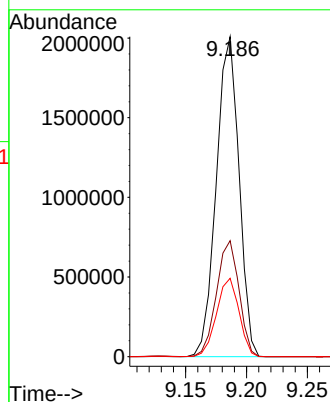
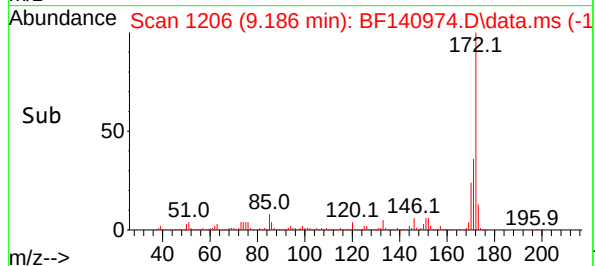
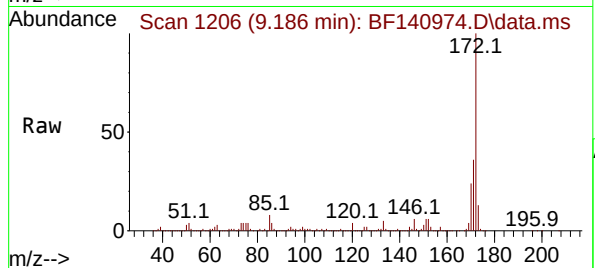
170 24.5 19.6 29.4

Manual Integrations

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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

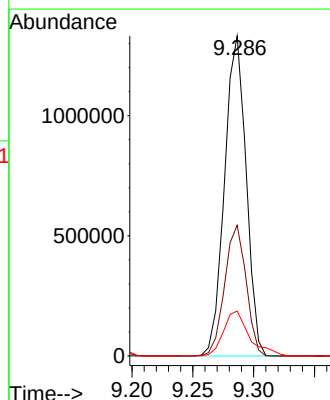
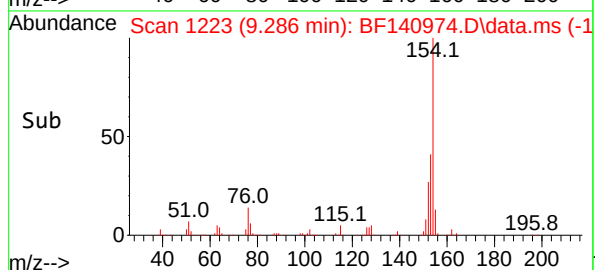
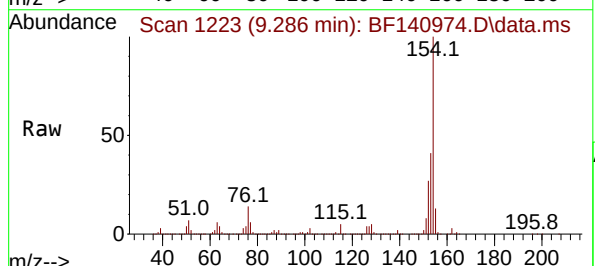
Tgt Ion:154 Resp: 1643157

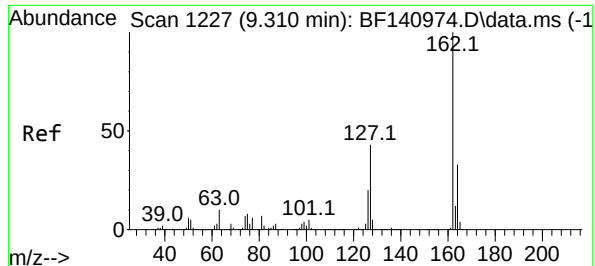
Ion Ratio Lower Upper

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

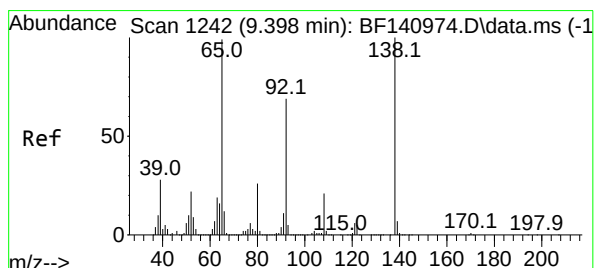
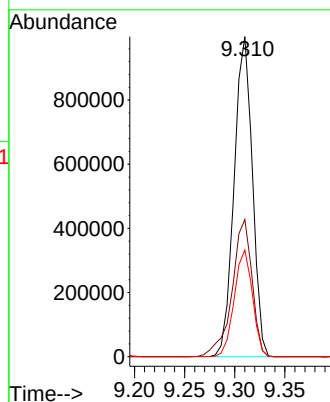
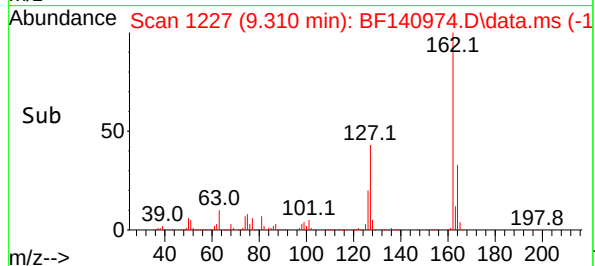
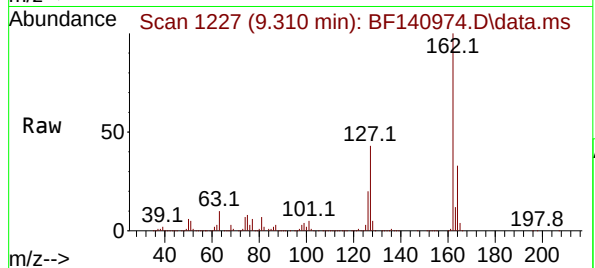
164 33.3 26.6 40.0

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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

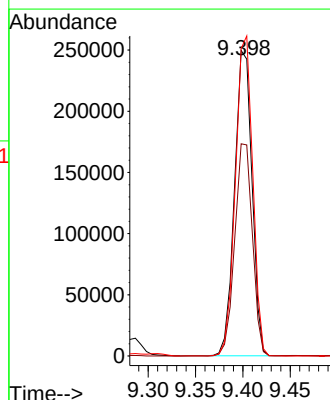
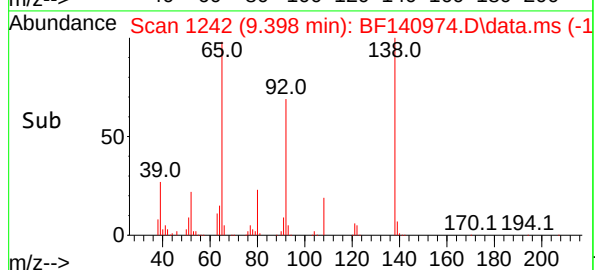
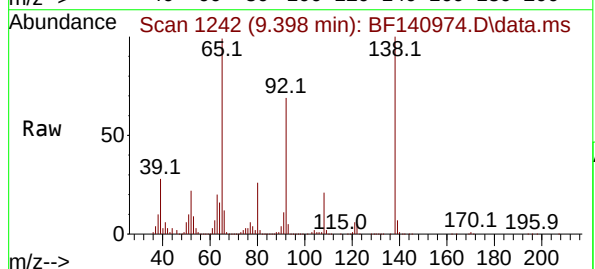
Tgt Ion: 65 Resp: 319958

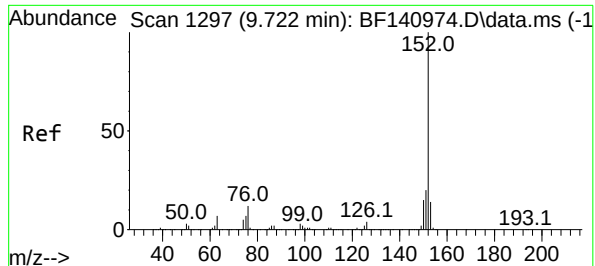
Ion Ratio Lower Upper

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

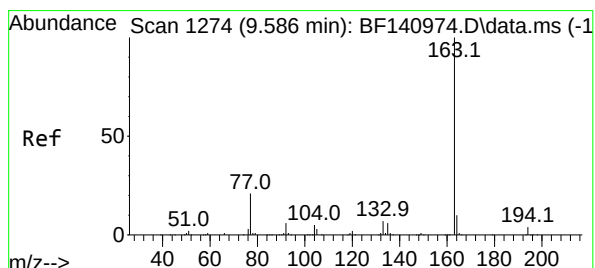
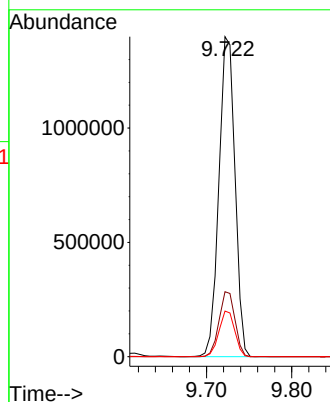
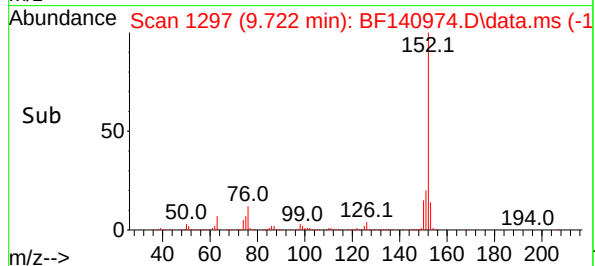
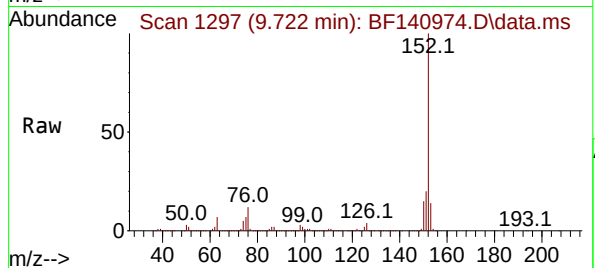
153 14.2 11.4 17.0

Manual Integrations

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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

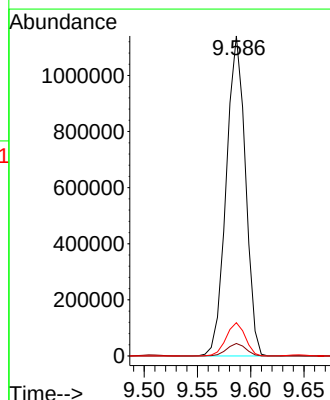
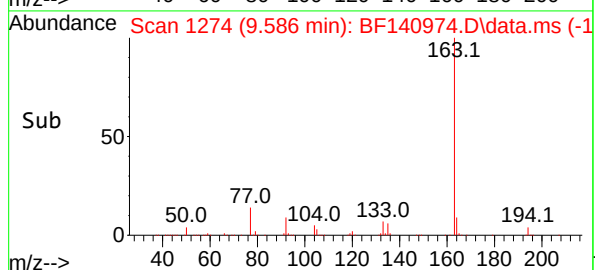
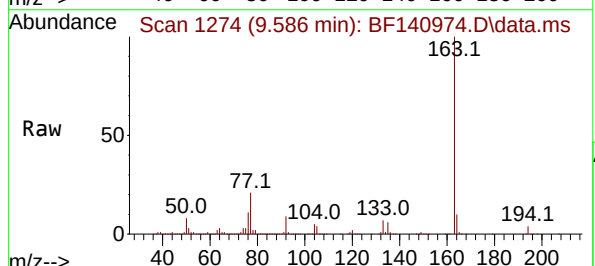
Tgt Ion:163 Resp: 1427475

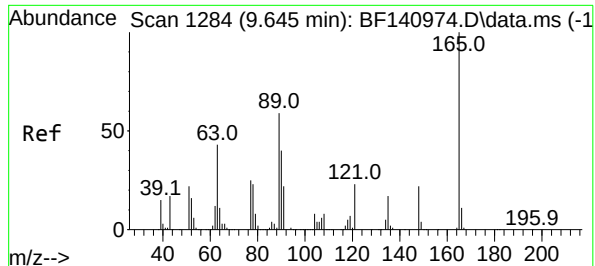
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

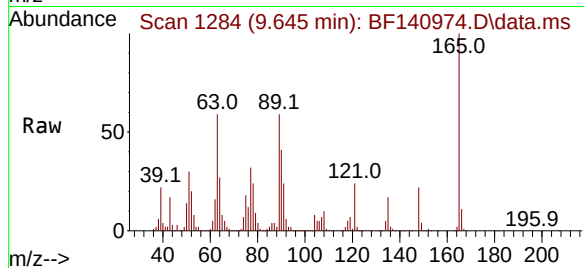
164 10.4 8.3 12.5





#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

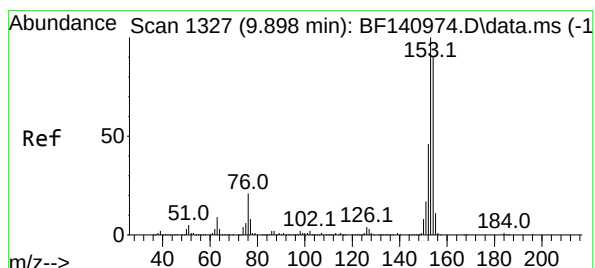
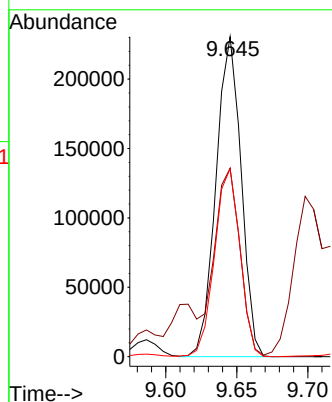
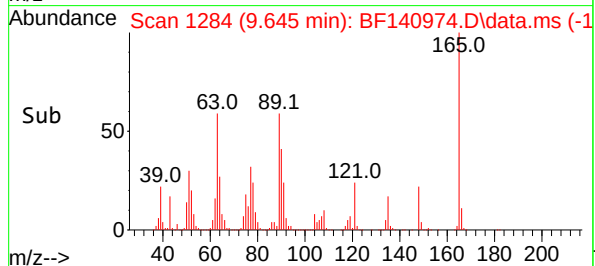
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

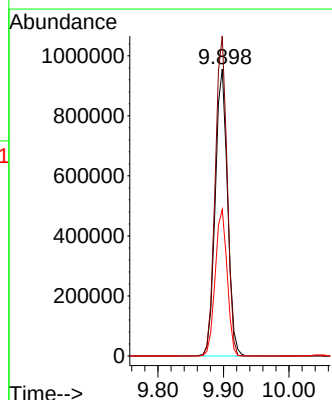
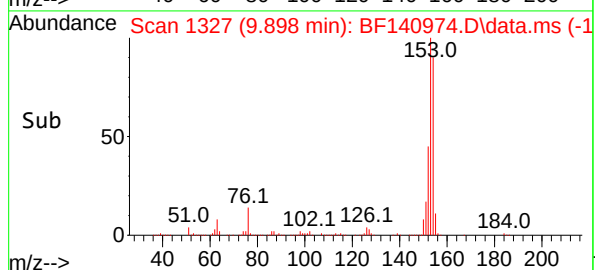
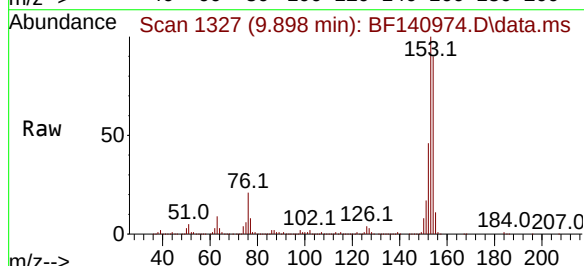
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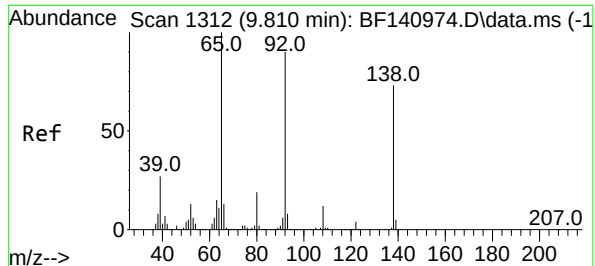
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

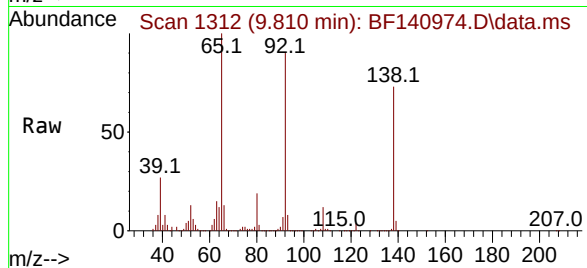
Tgt Ion:154 Resp: 1243394
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 51.1 40.9 61.3





#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

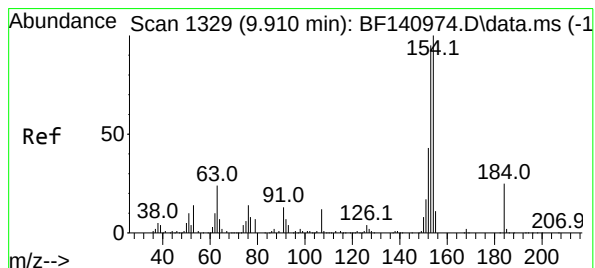
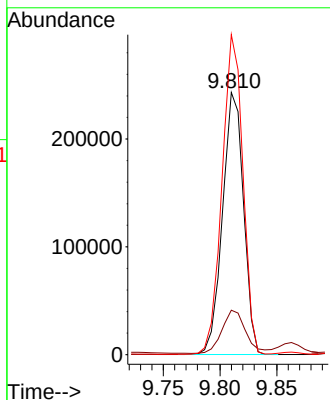
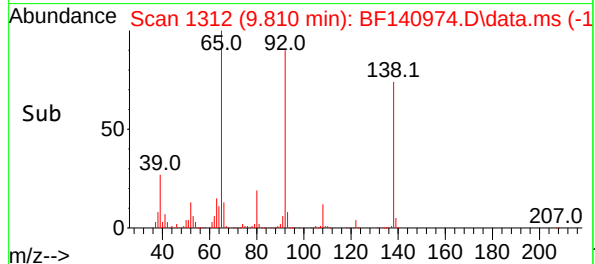
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

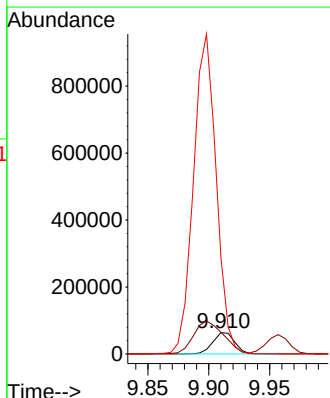
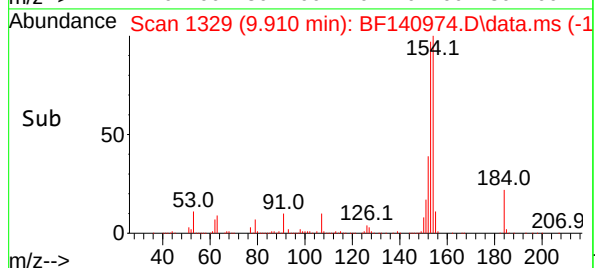
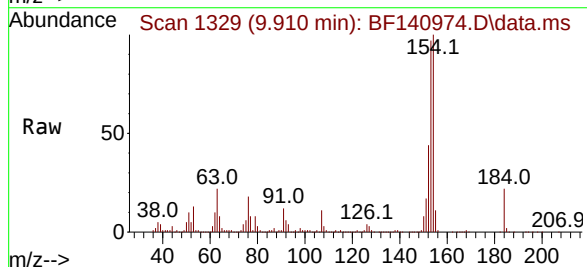
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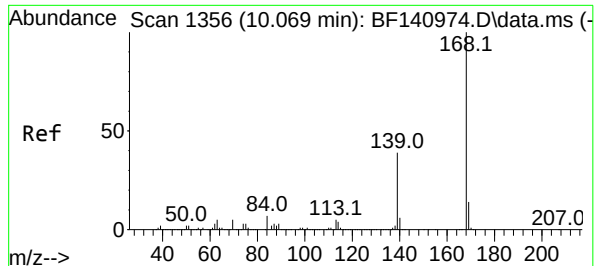
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

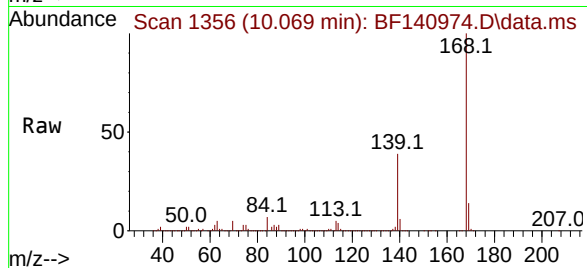
Tgt Ion:184 Resp: 79893
Ion Ratio Lower Upper
184 100
63 102.0 81.6 122.4
154 454.4 363.5 545.3





#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

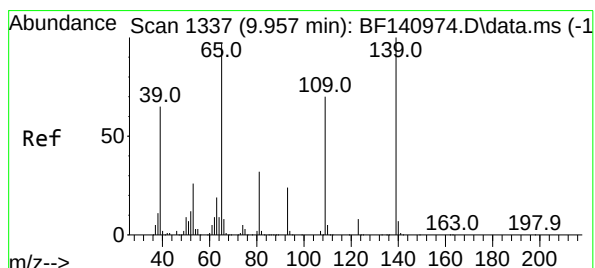
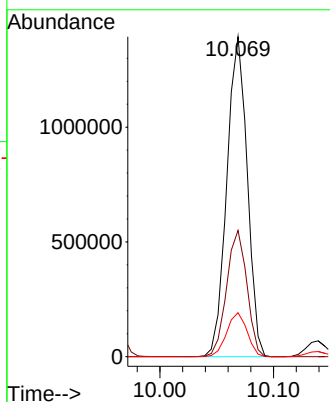
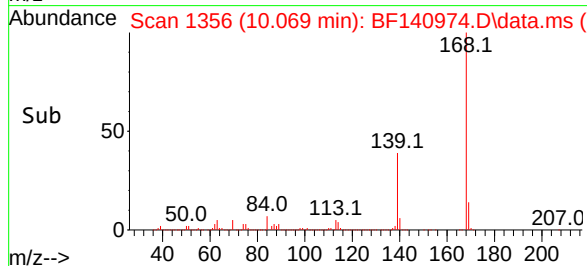
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 1738272
Ion Ratio Lower Upper
168 100
139 39.5 31.6 47.4
169 13.8 11.0 16.6

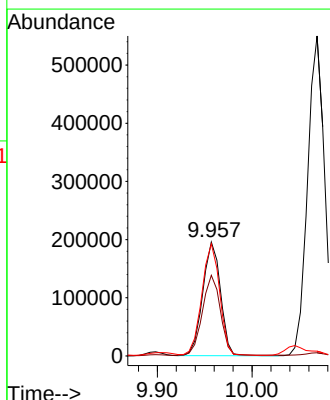
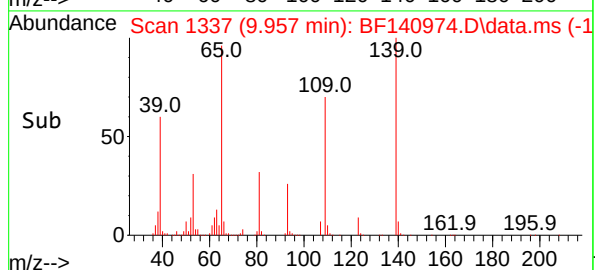
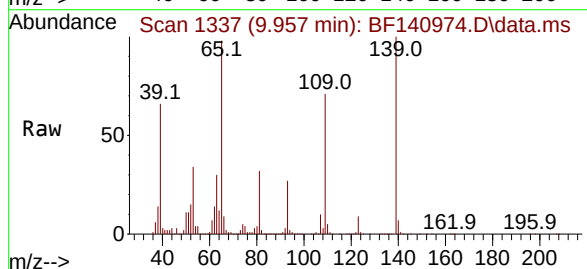
Manual Integrations
APPROVED

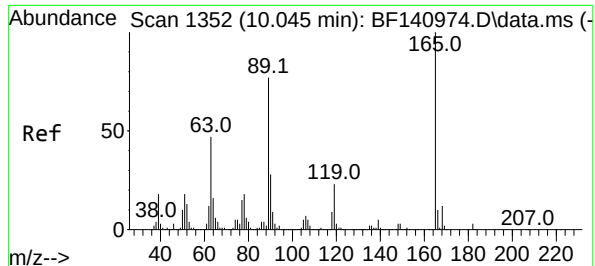
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

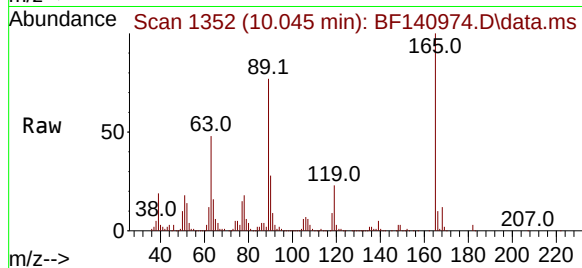
Tgt Ion:139 Resp: 254611
Ion Ratio Lower Upper
139 100
109 70.8 50.8 90.8
65 98.5 78.5 118.5





#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

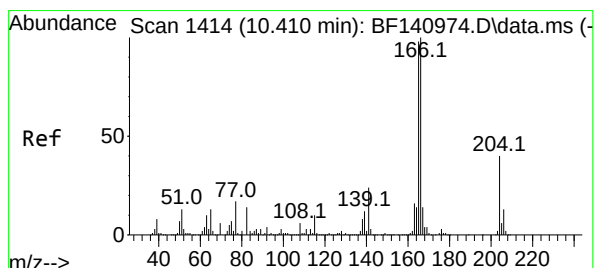
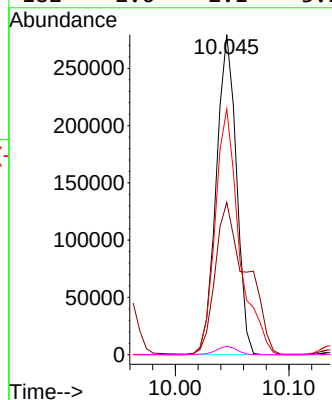
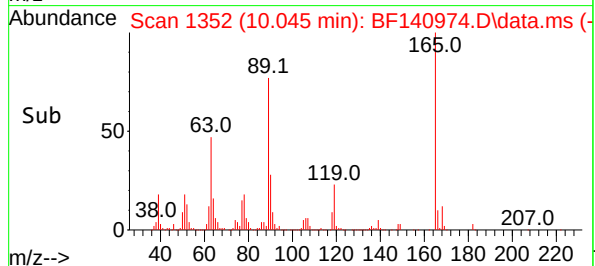
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

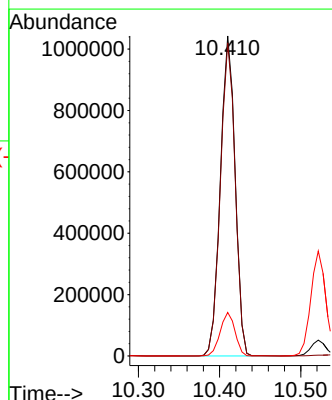
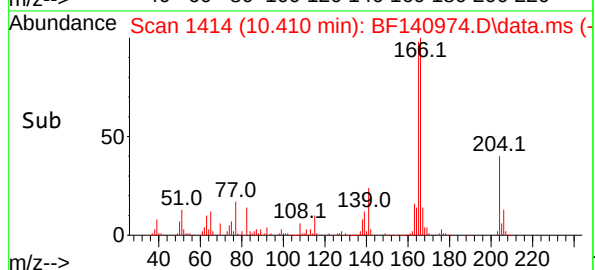
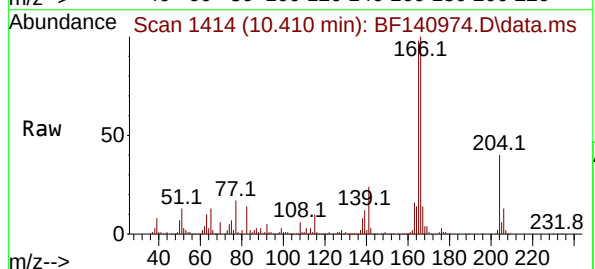
Manual Integrations
APPROVED

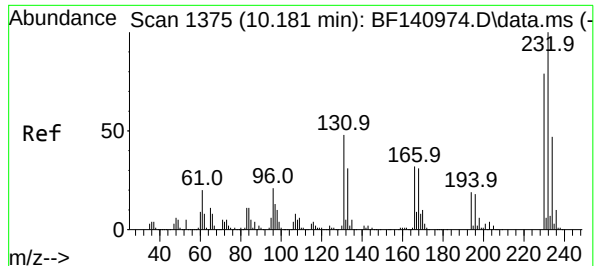
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





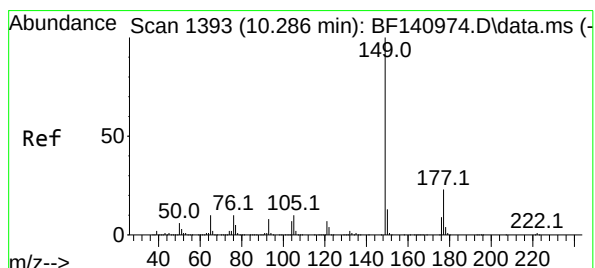
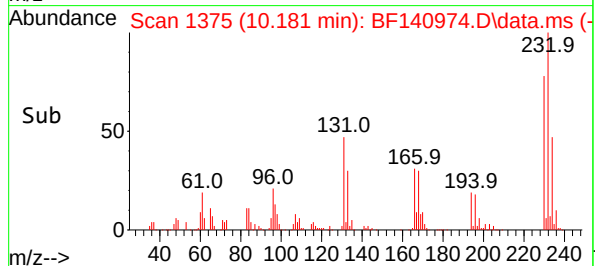
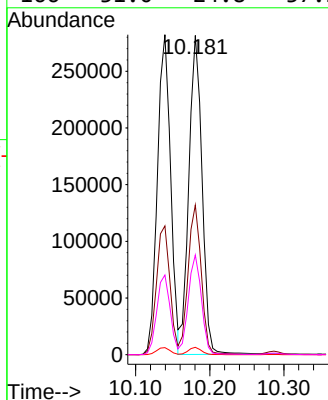
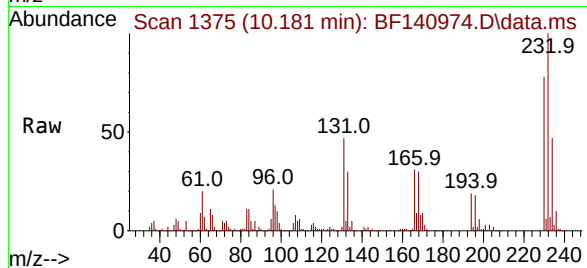
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.453 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

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

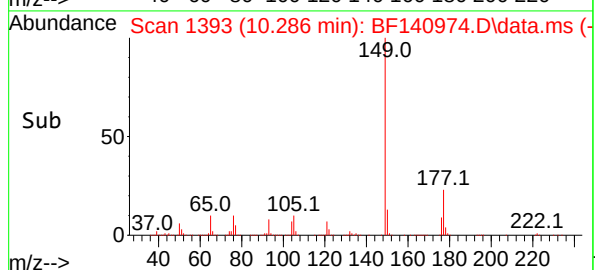
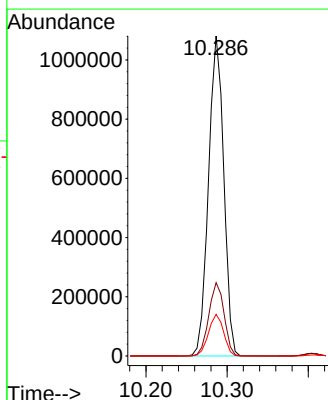
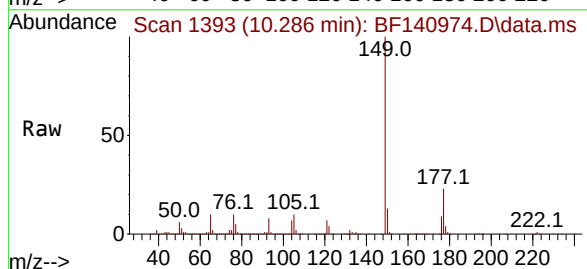
Manual Integrations
APPROVED

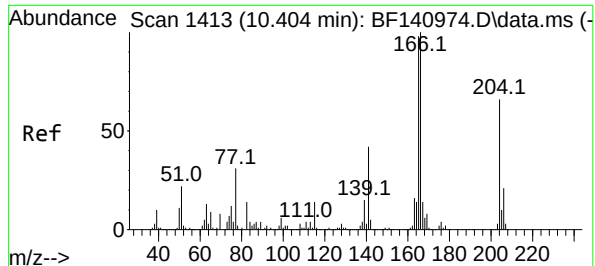
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

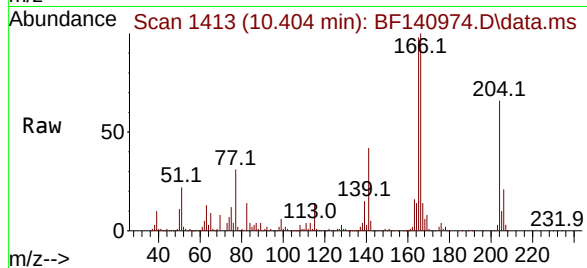
Tgt Ion:149 Resp: 1406132
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 13.0 10.4 15.6





#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

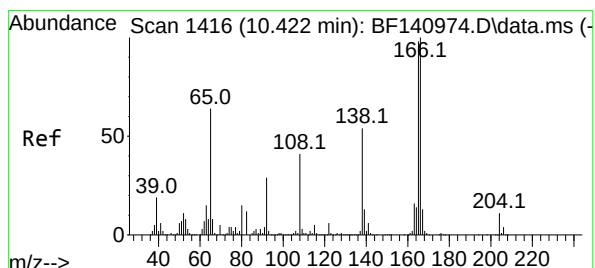
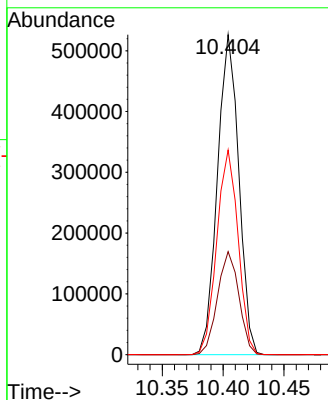
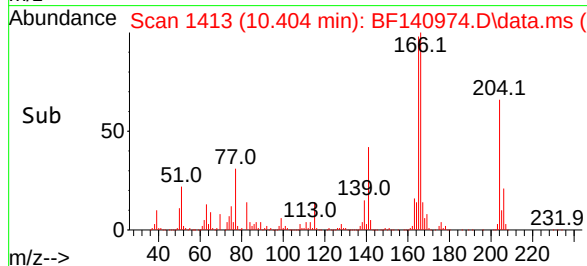
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



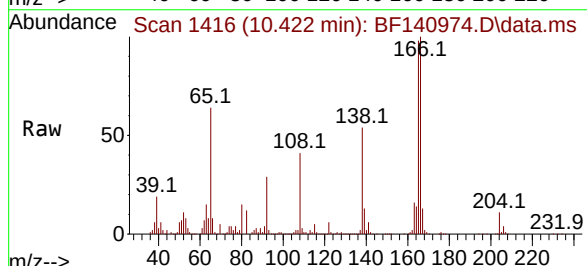
Tgt Ion:204 Resp: 642732
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 64.0 51.2 76.8

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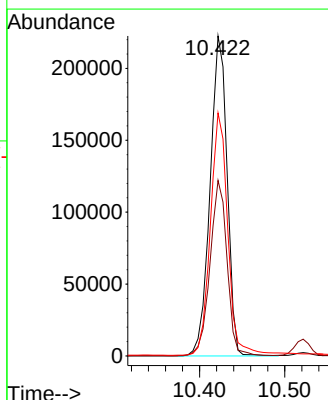
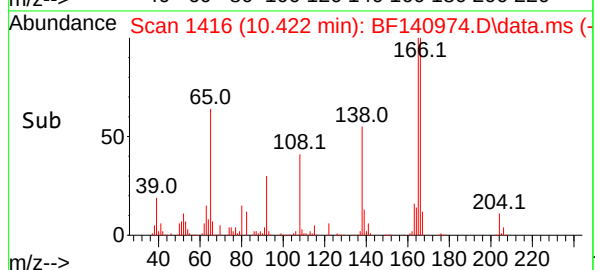
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

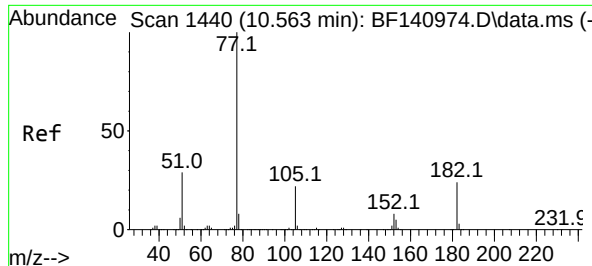


#62
4-Nitroaniline
Concen: 38.897 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06



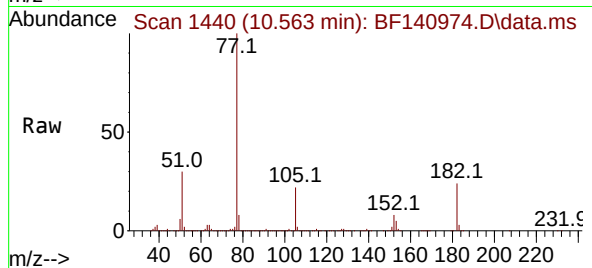
Tgt Ion:138 Resp: 309322
Ion Ratio Lower Upper
138 100
92 54.8 34.8 74.8
108 75.9 55.9 95.9





#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

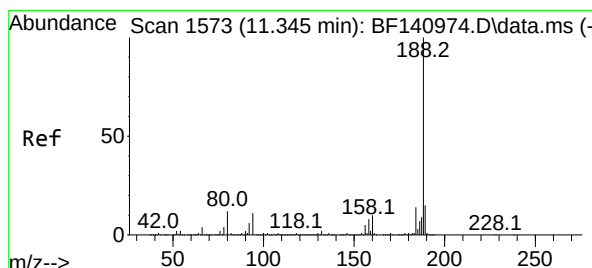
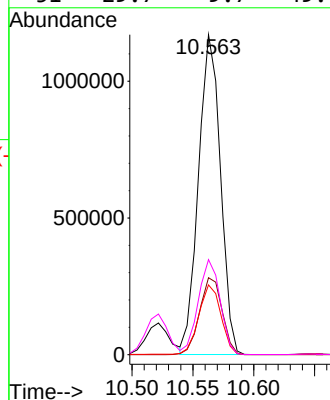
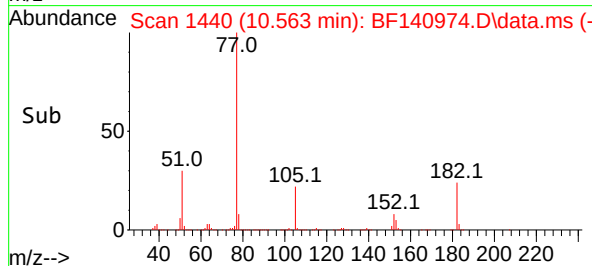
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

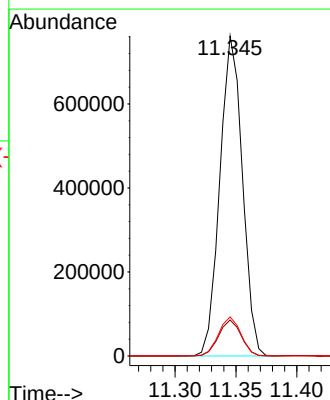
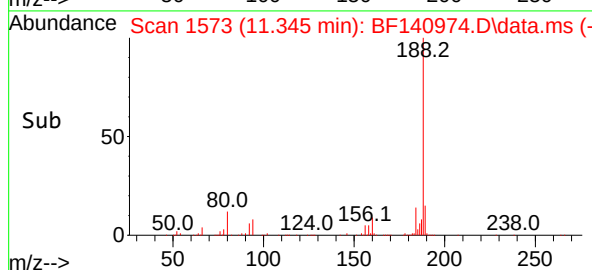
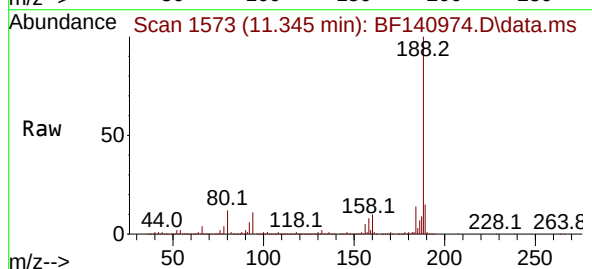
Manual Integrations
APPROVED

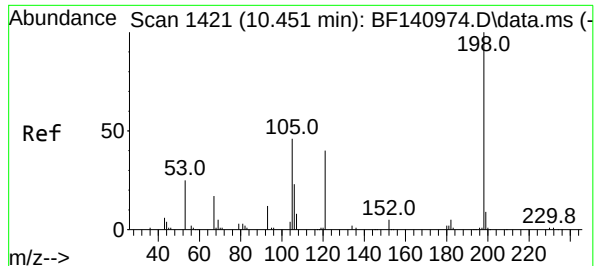
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





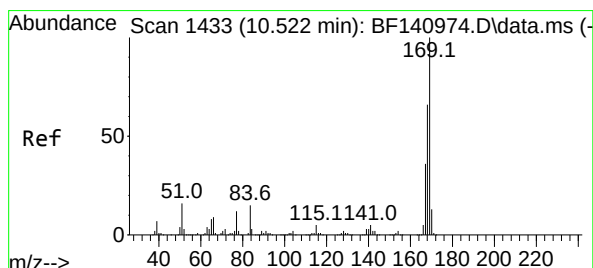
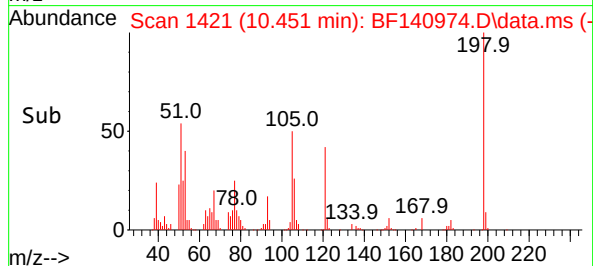
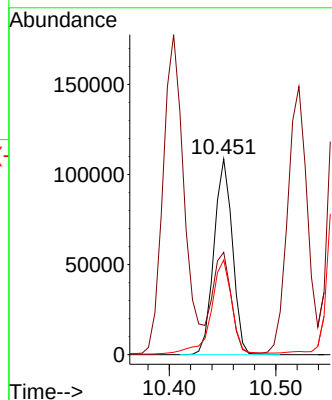
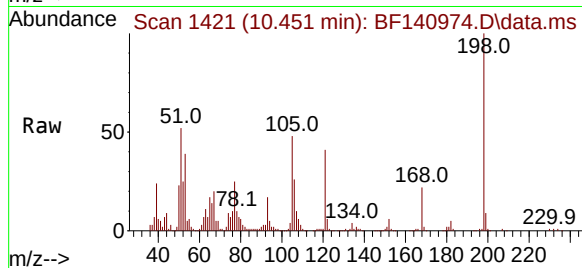
#65
4,6-Dinitro-2-methylphenol
Concen: 36.204 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06

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

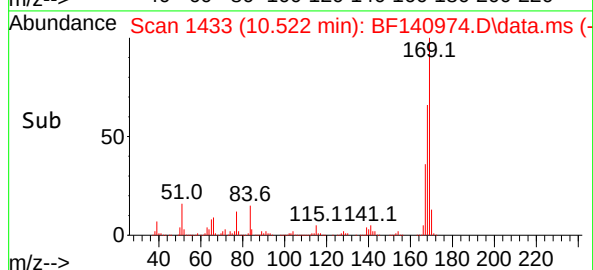
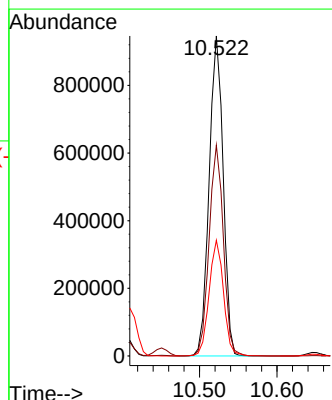
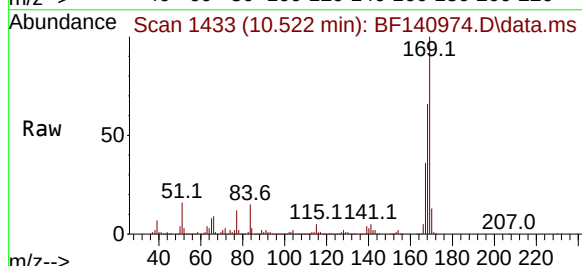
Manual Integrations
APPROVED

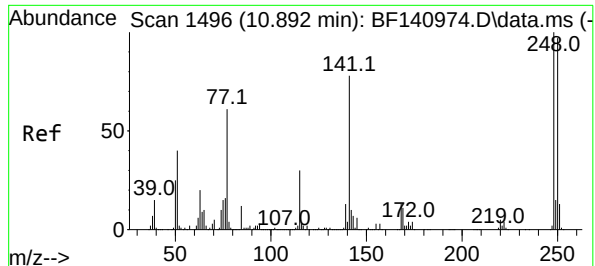
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

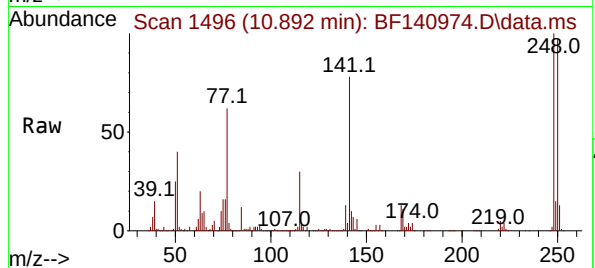
Tgt Ion:169 Resp: 1187207
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 36.2 29.0 43.4





#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

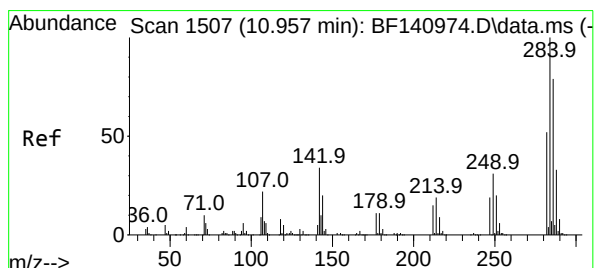
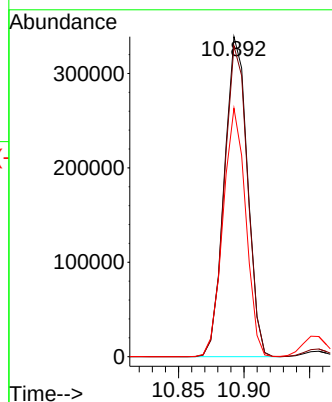
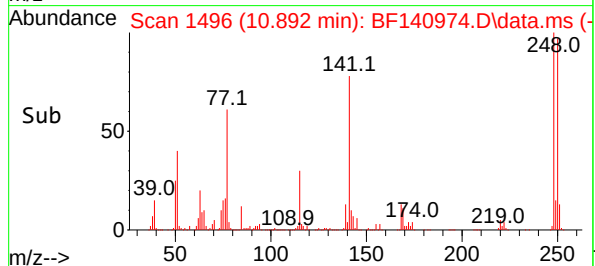
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

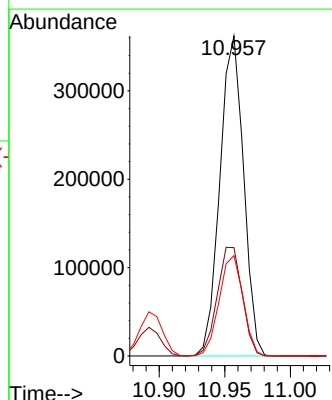
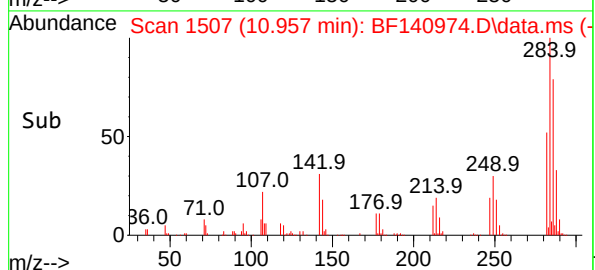
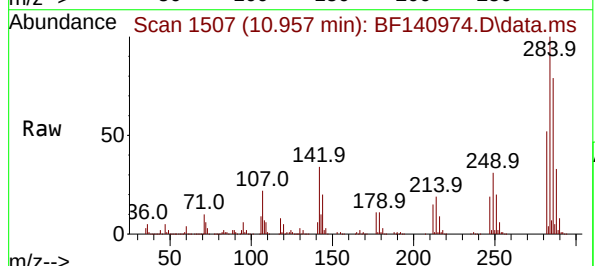
Manual Integrations
APPROVED

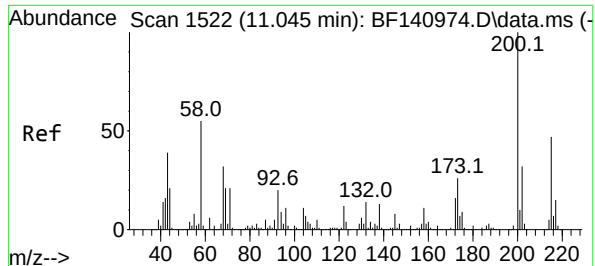
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

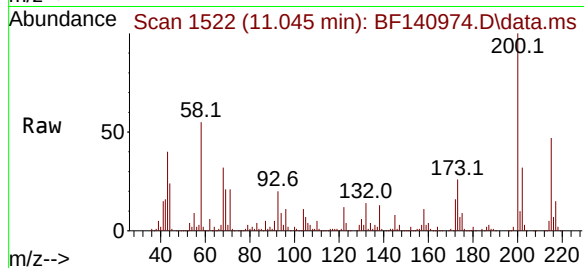
Tgt Ion:284 Resp: 454182
Ion Ratio Lower Upper
284 100
142 33.9 27.1 40.7
249 31.4 25.1 37.7





#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

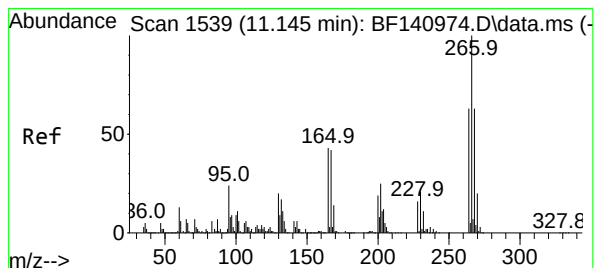
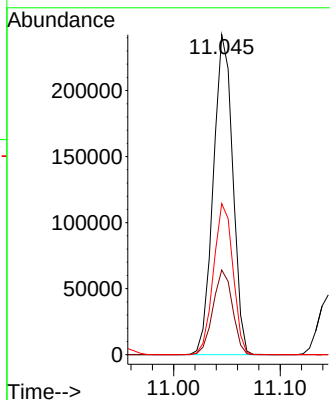
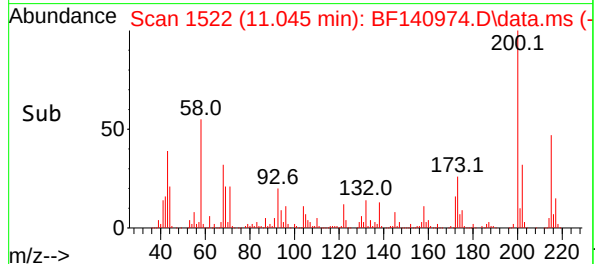
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



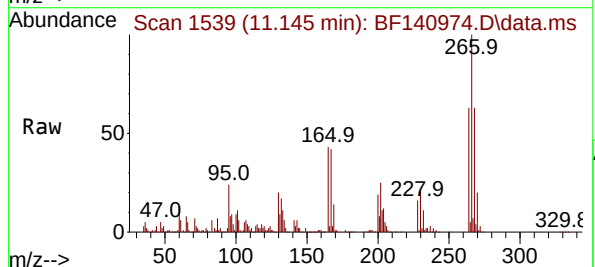
Tgt Ion:200 Resp: 306702
Ion Ratio Lower Upper
200 100
173 26.4 6.4 46.4
215 47.2 27.2 67.2

Manual Integrations
APPROVED

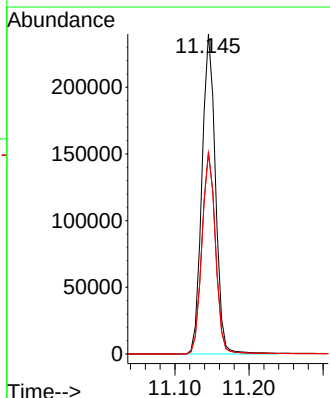
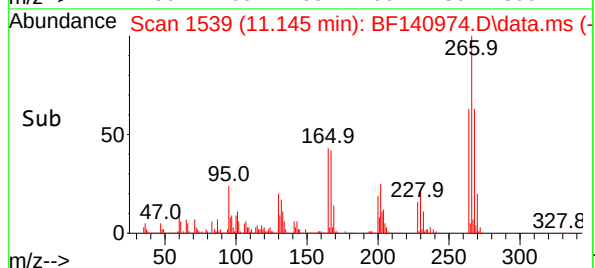
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

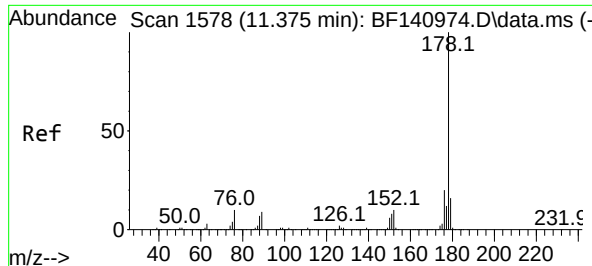


#70
Pentachlorophenol
Concen: 41.789 ng
RT: 11.145 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF140974.D
Acq: 26 Dec 2024 18:06



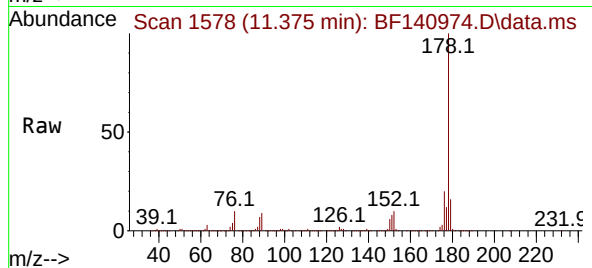
Tgt Ion:266 Resp: 304066
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 62.8 50.2 75.4





#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

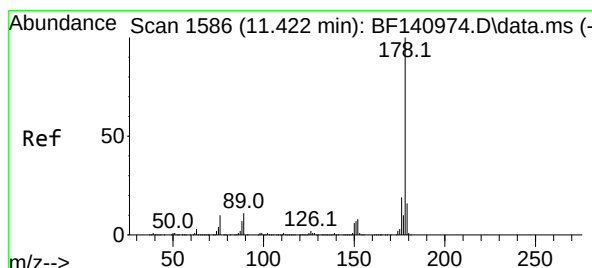
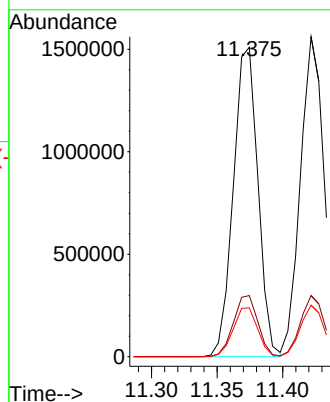
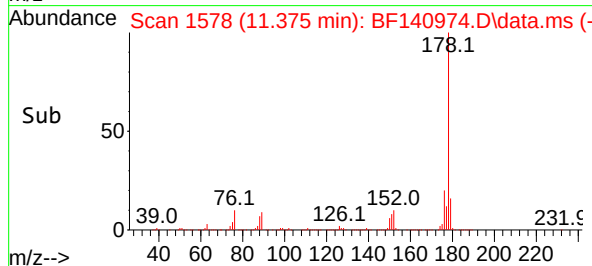
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

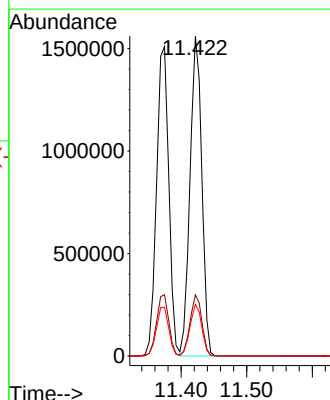
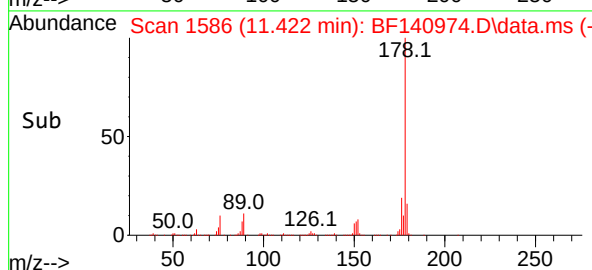
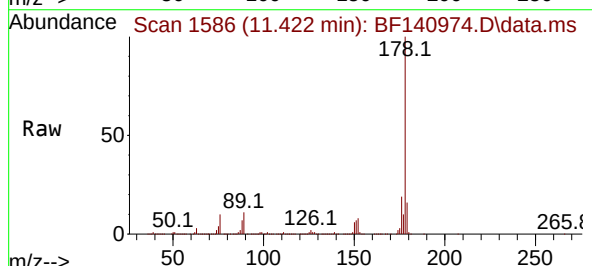
Manual Integrations
APPROVED

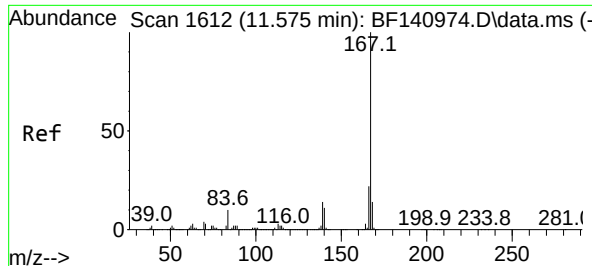
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

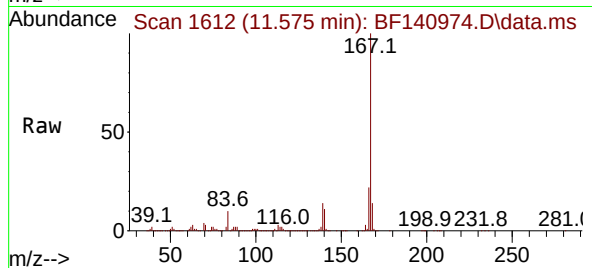
Tgt Ion:178 Resp: 1943496
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.1 12.9 19.3





#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

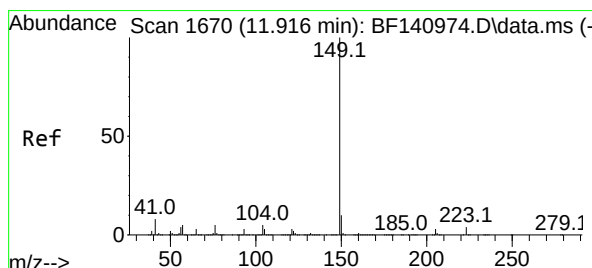
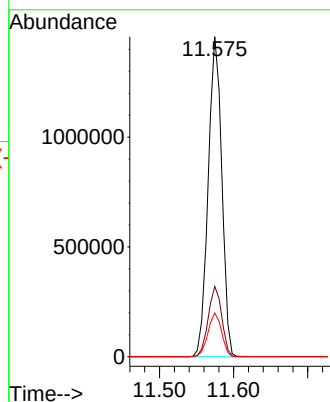
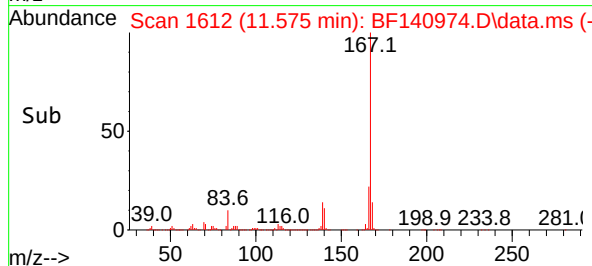
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 1856207
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.7 11.0 16.4

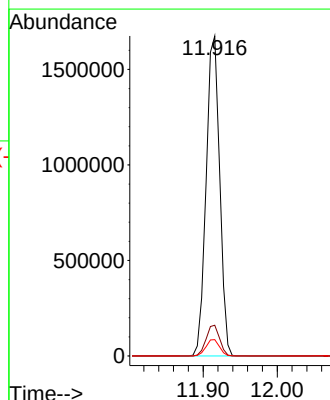
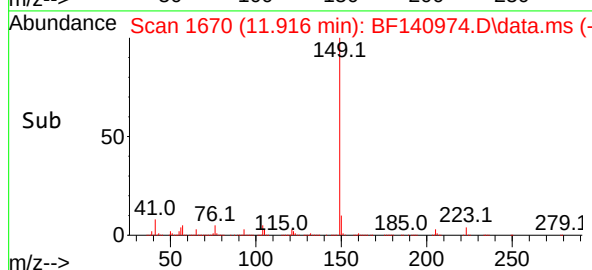
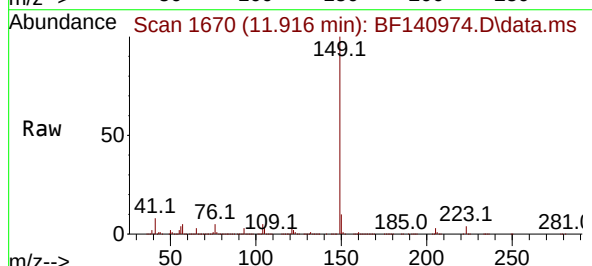
Manual Integrations
APPROVED

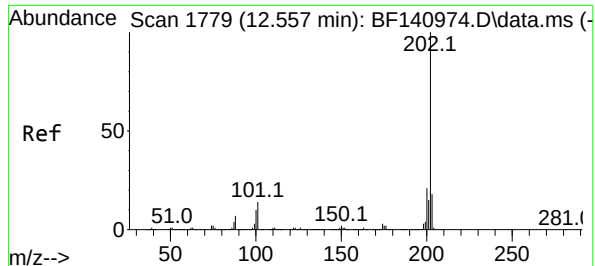
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



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

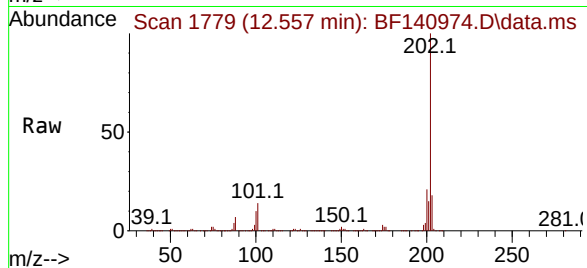
Tgt Ion:149 Resp: 2124340
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.1 4.1 6.1





#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

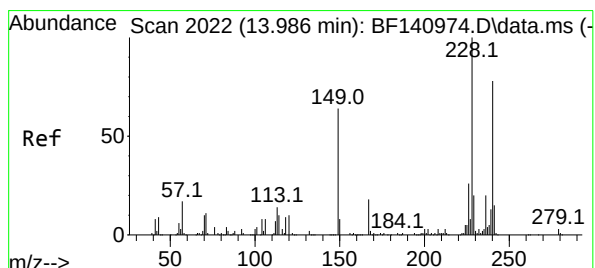
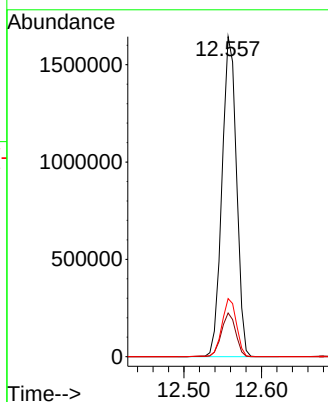
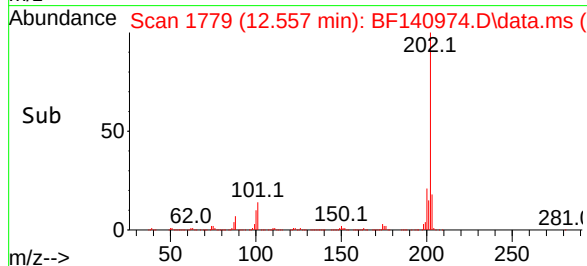
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

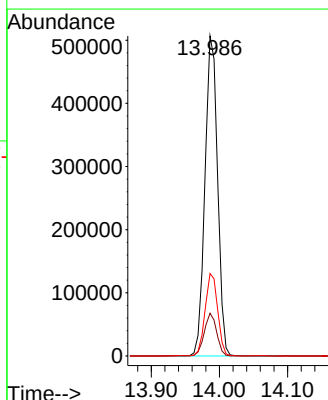
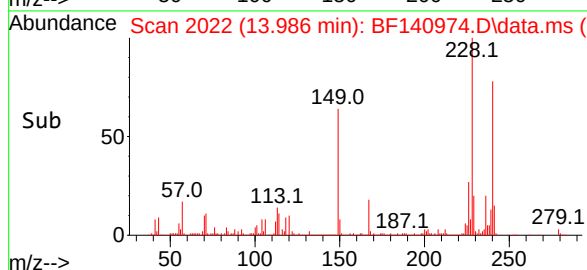
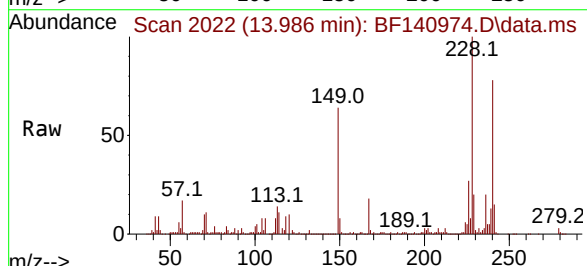
Manual Integrations
APPROVED

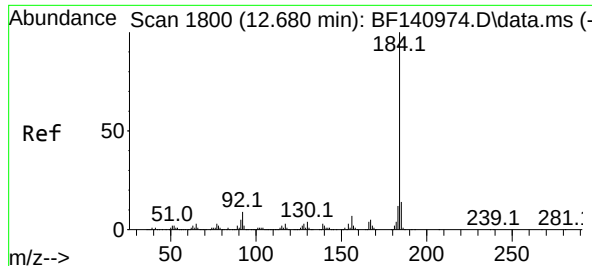
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



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

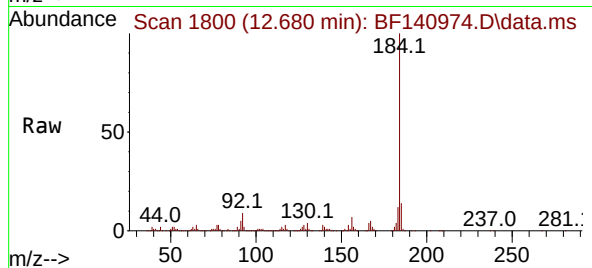
Tgt Ion:240 Resp: 652144
Ion Ratio Lower Upper
240 100
120 13.4 10.7 16.1
236 25.8 20.6 31.0





#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

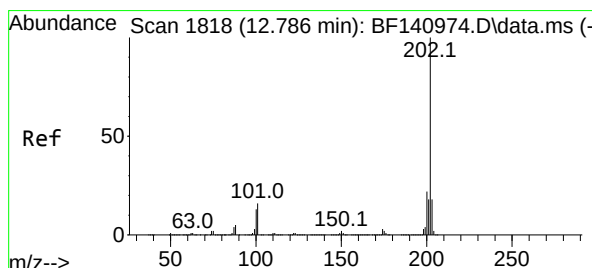
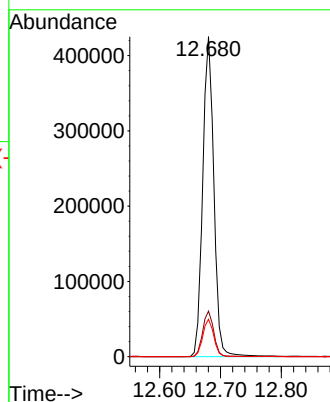
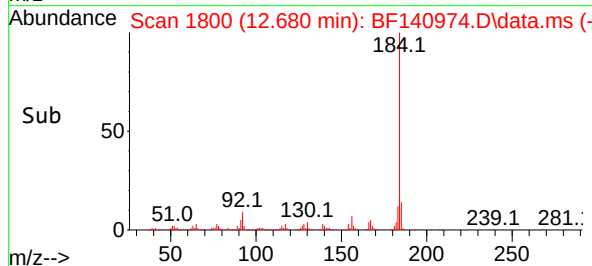
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 540933
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.7 9.4 14.0

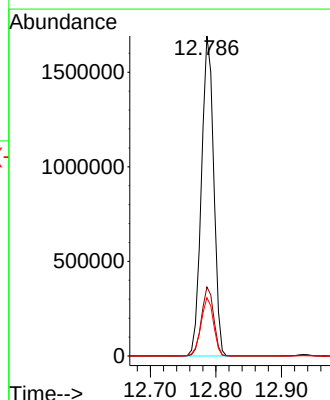
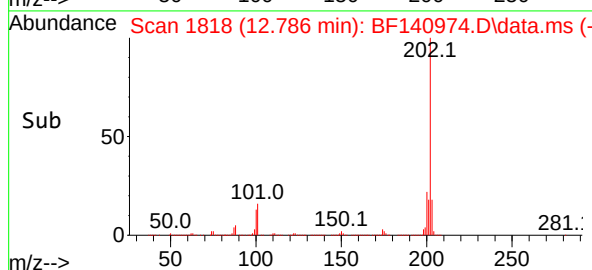
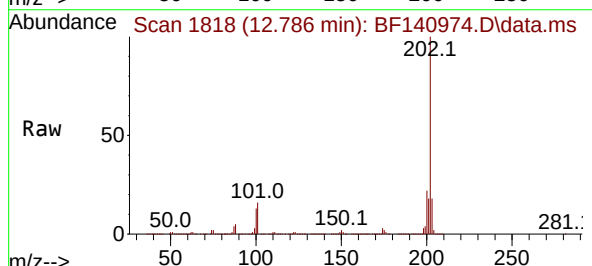
Manual Integrations
APPROVED

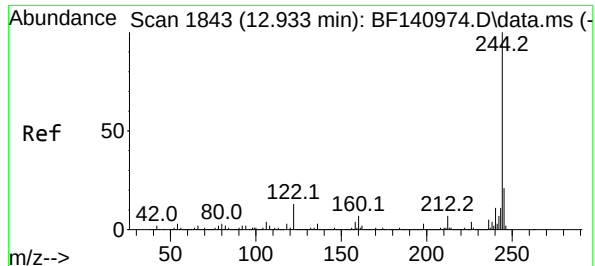
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

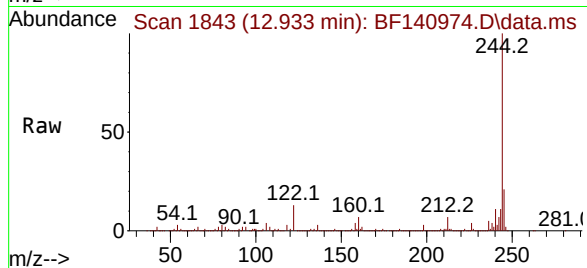
Acq: 26 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:244 Resp: 2976692

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

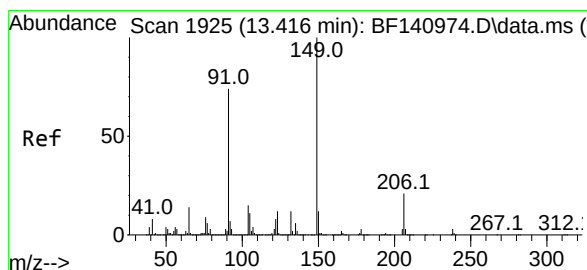
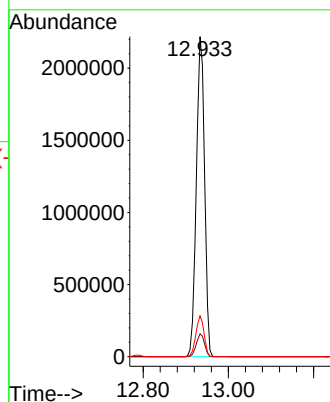
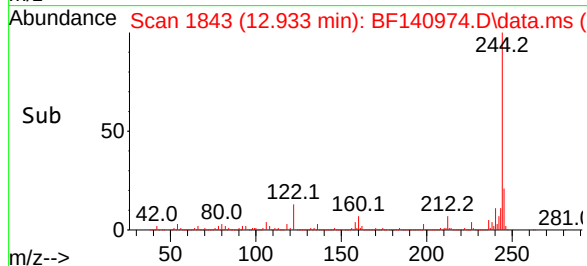
122 12.7 10.2 15.2

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

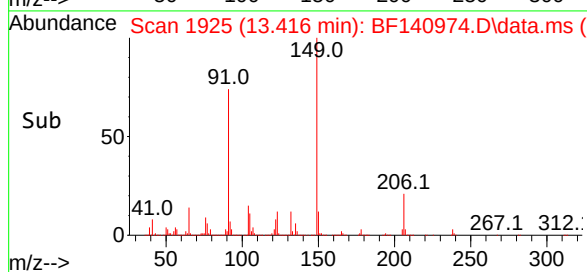
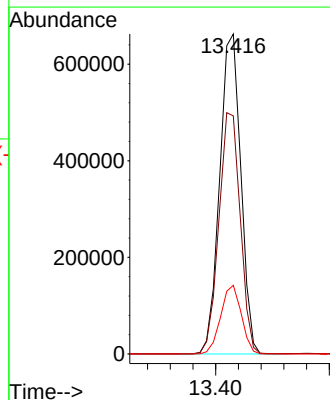
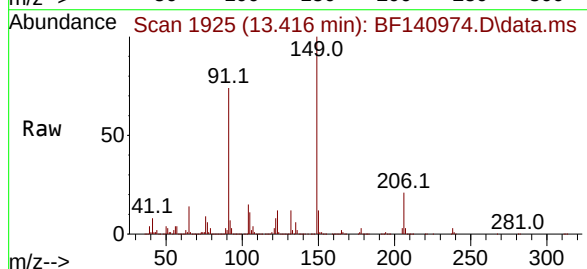
Tgt Ion:149 Resp: 856154

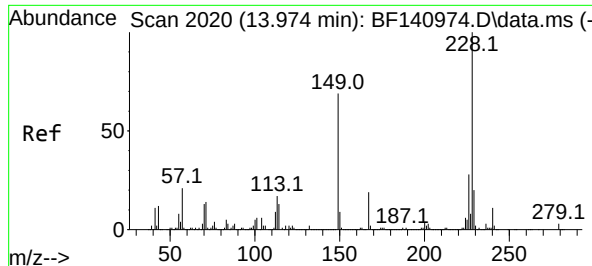
Ion Ratio Lower Upper

149 100

91 74.4 59.5 89.3

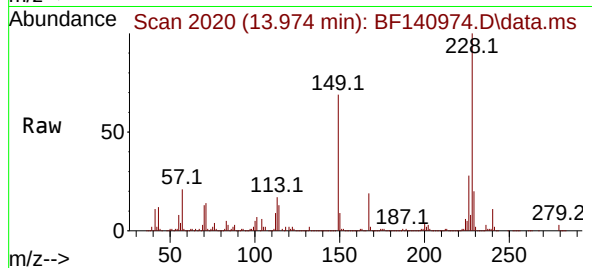
206 21.4 17.1 25.7





#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

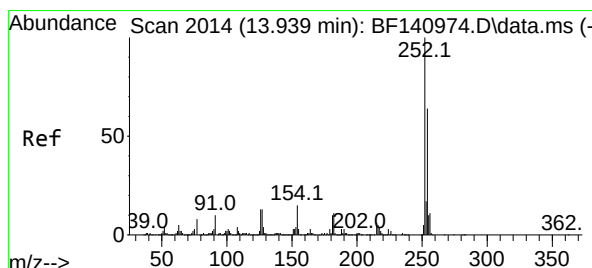
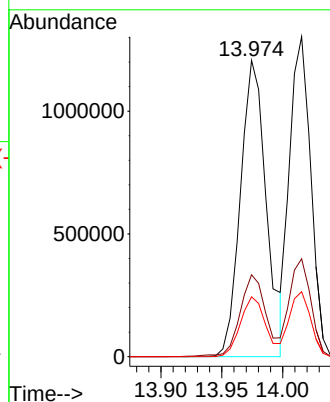
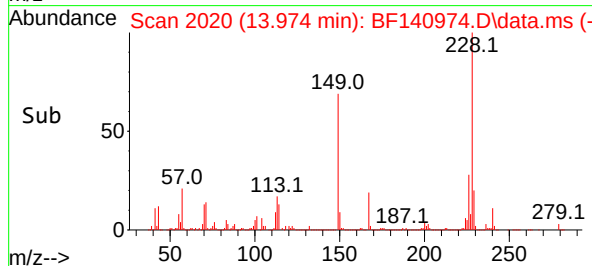
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

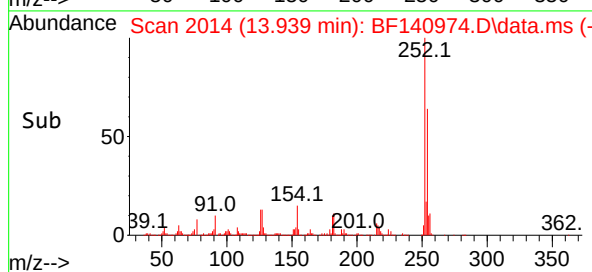
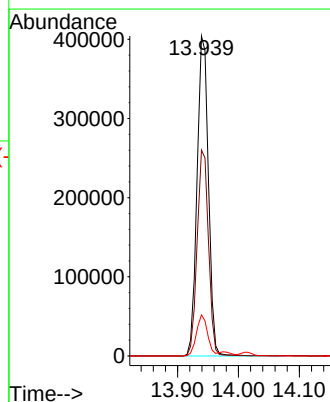
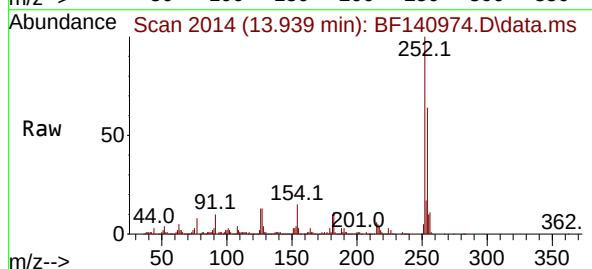
Manual Integrations
APPROVED

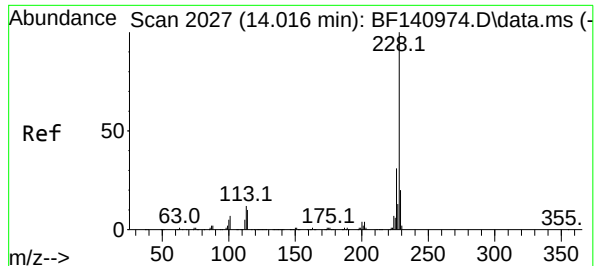
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

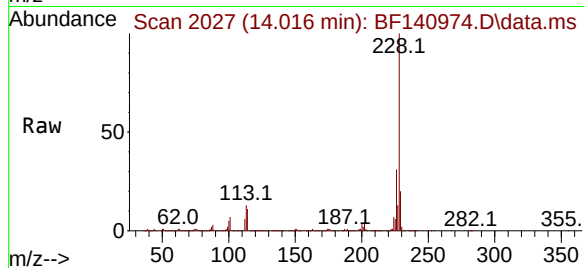
Tgt Ion:252 Resp: 524994
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 12.9 10.3 15.5





#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

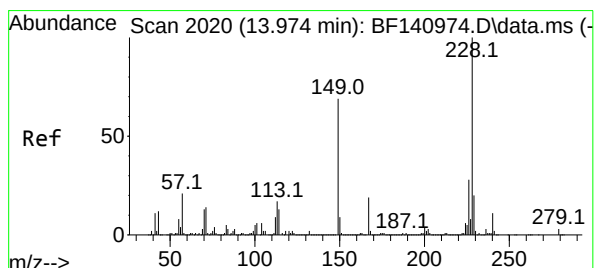
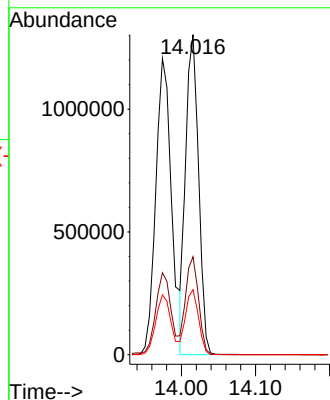
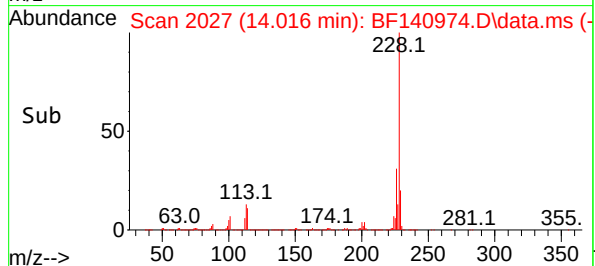
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

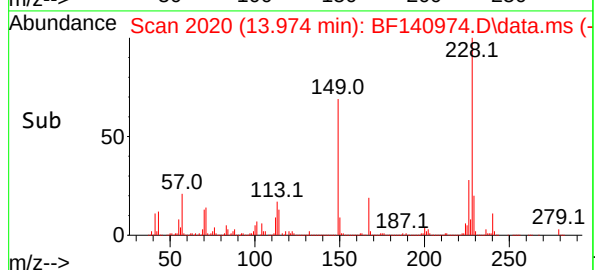
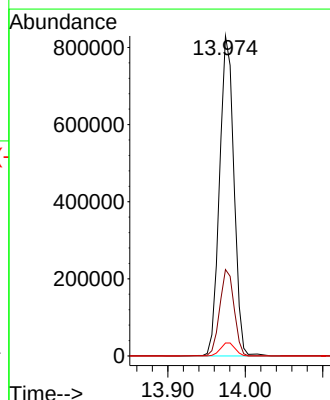
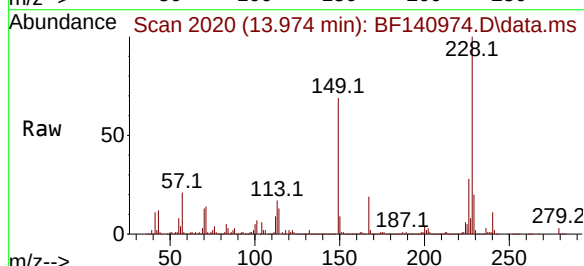
Manual Integrations
APPROVED

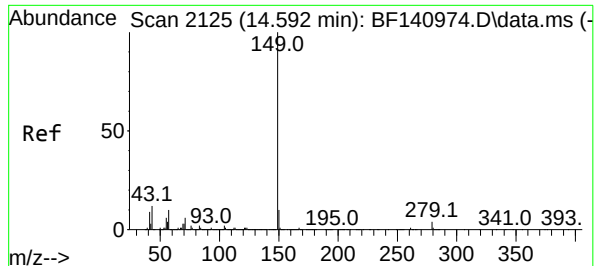
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

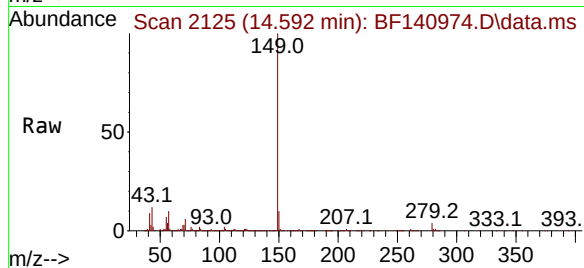
Tgt Ion:149 Resp: 1069992
Ion Ratio Lower Upper
149 100
167 27.0 21.6 32.4
279 4.0 3.2 4.8





#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

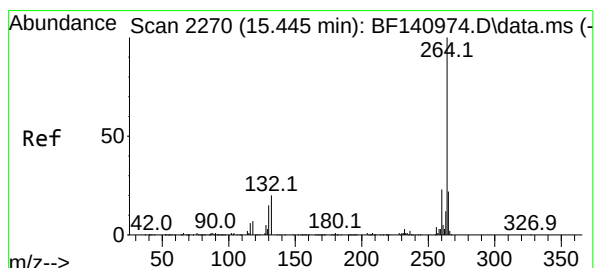
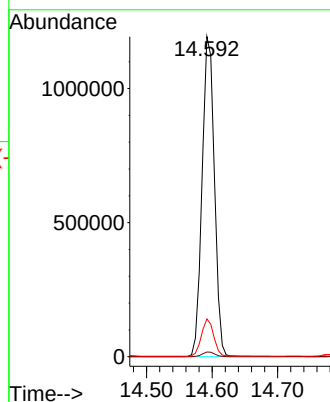
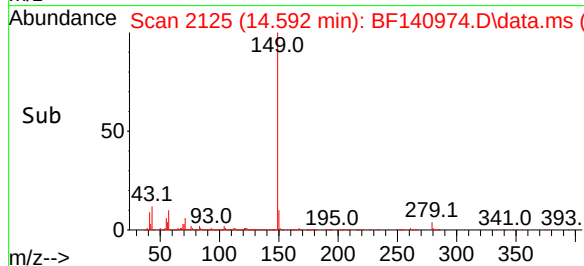
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

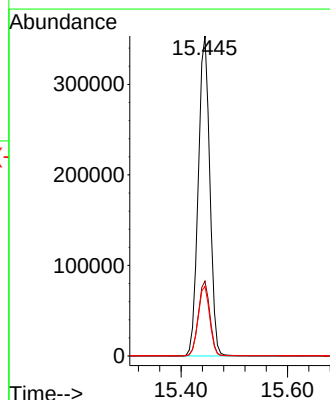
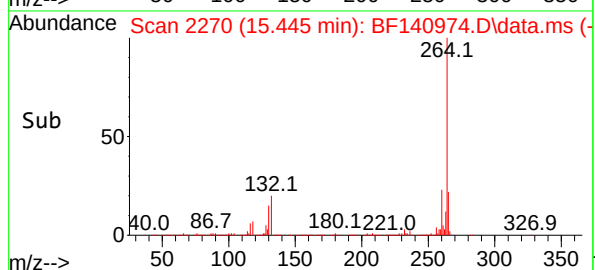
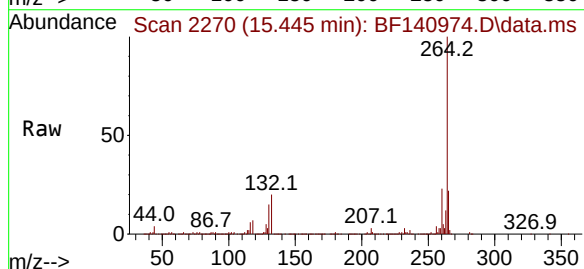
Manual Integrations
APPROVED

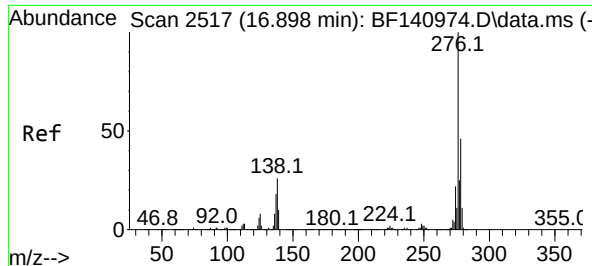
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

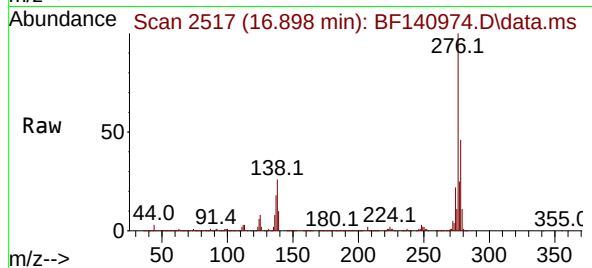
Tgt Ion:264 Resp: 531798
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.8 17.4 26.2





#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

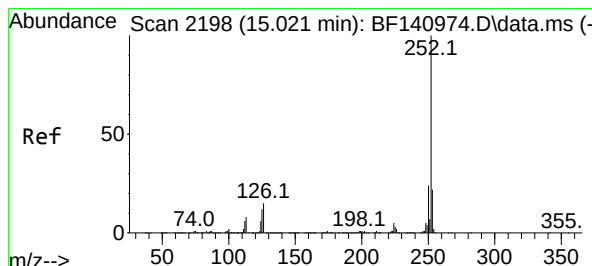
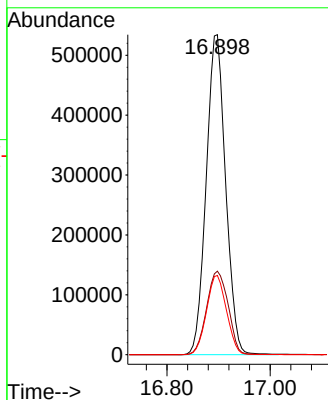
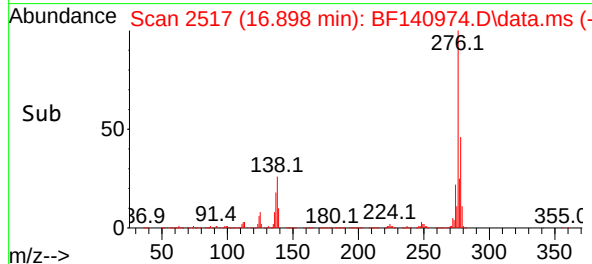
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

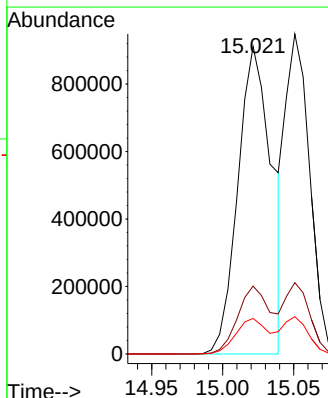
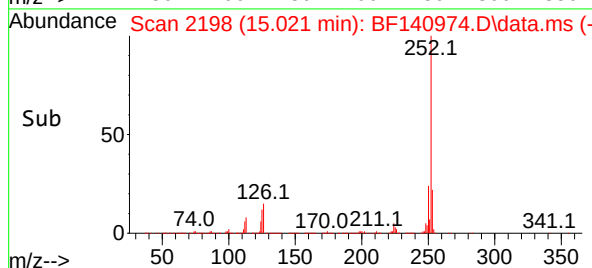
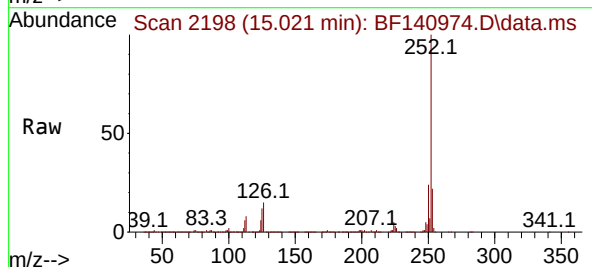
Manual Integrations
APPROVED

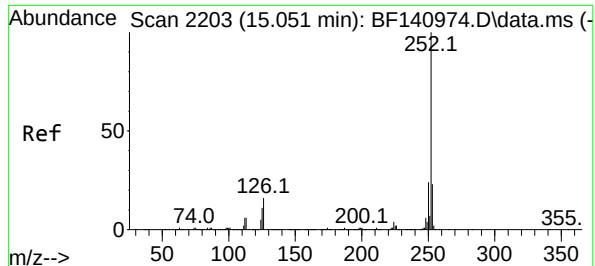
Reviewed By : Yogesh Patel 12/27/2024
Supervised By : mohammad ahmed 12/27/2024



#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

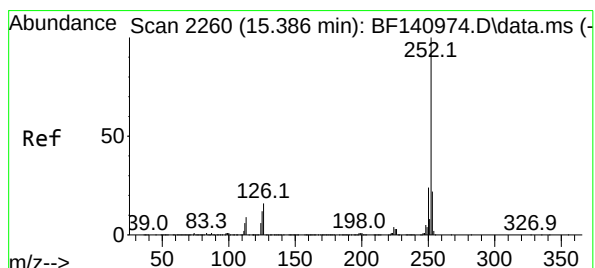
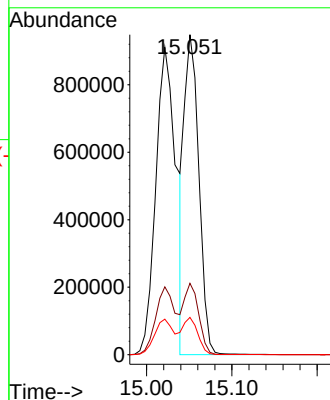
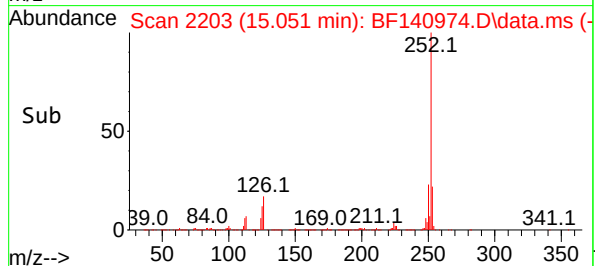
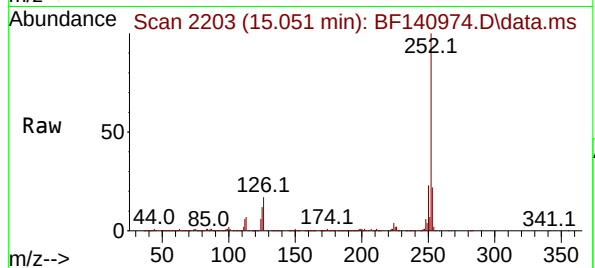
125 11.7 9.4 14.0

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

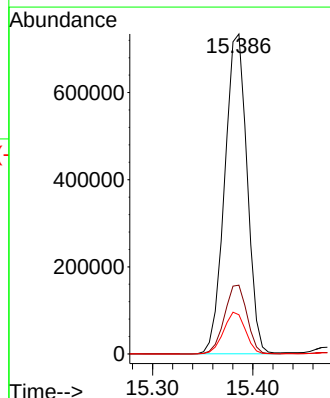
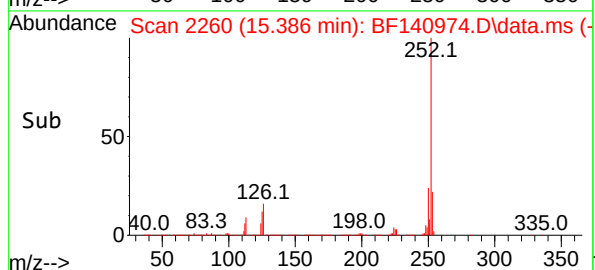
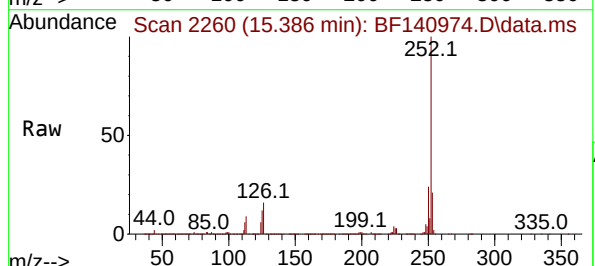
Tgt Ion:252 Resp: 1136531

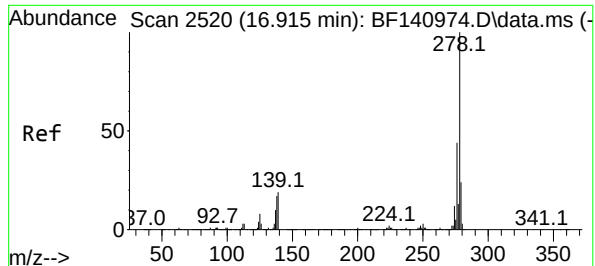
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

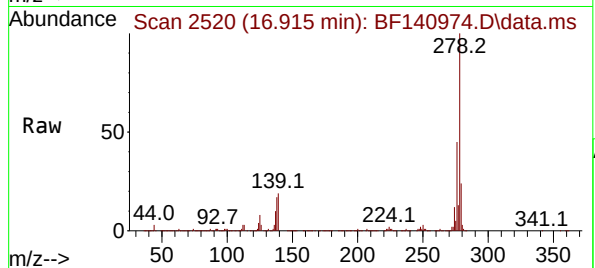
125 12.3 9.8 14.8





#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

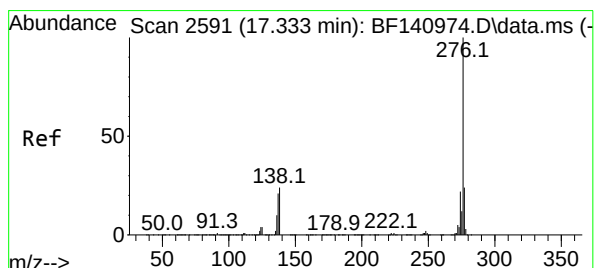
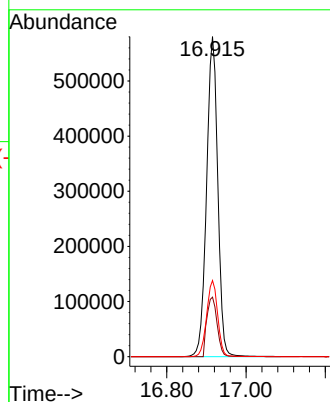
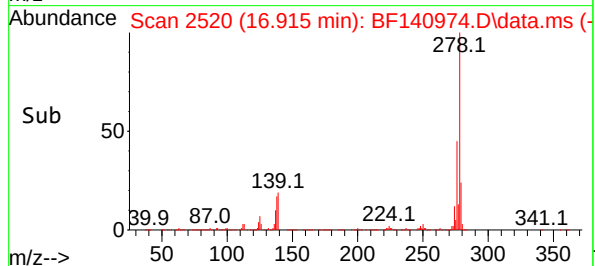
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

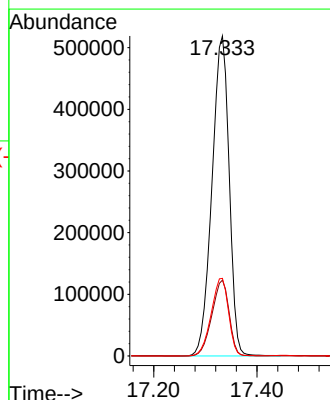
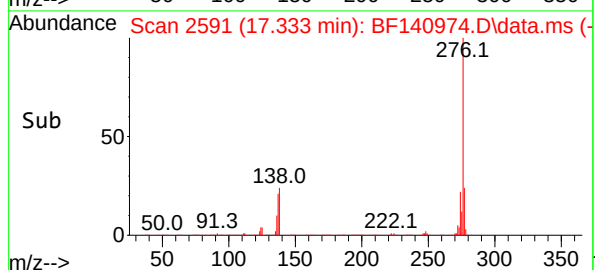
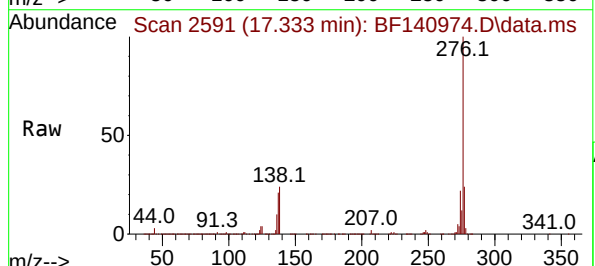
Manual Integrations
APPROVED

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

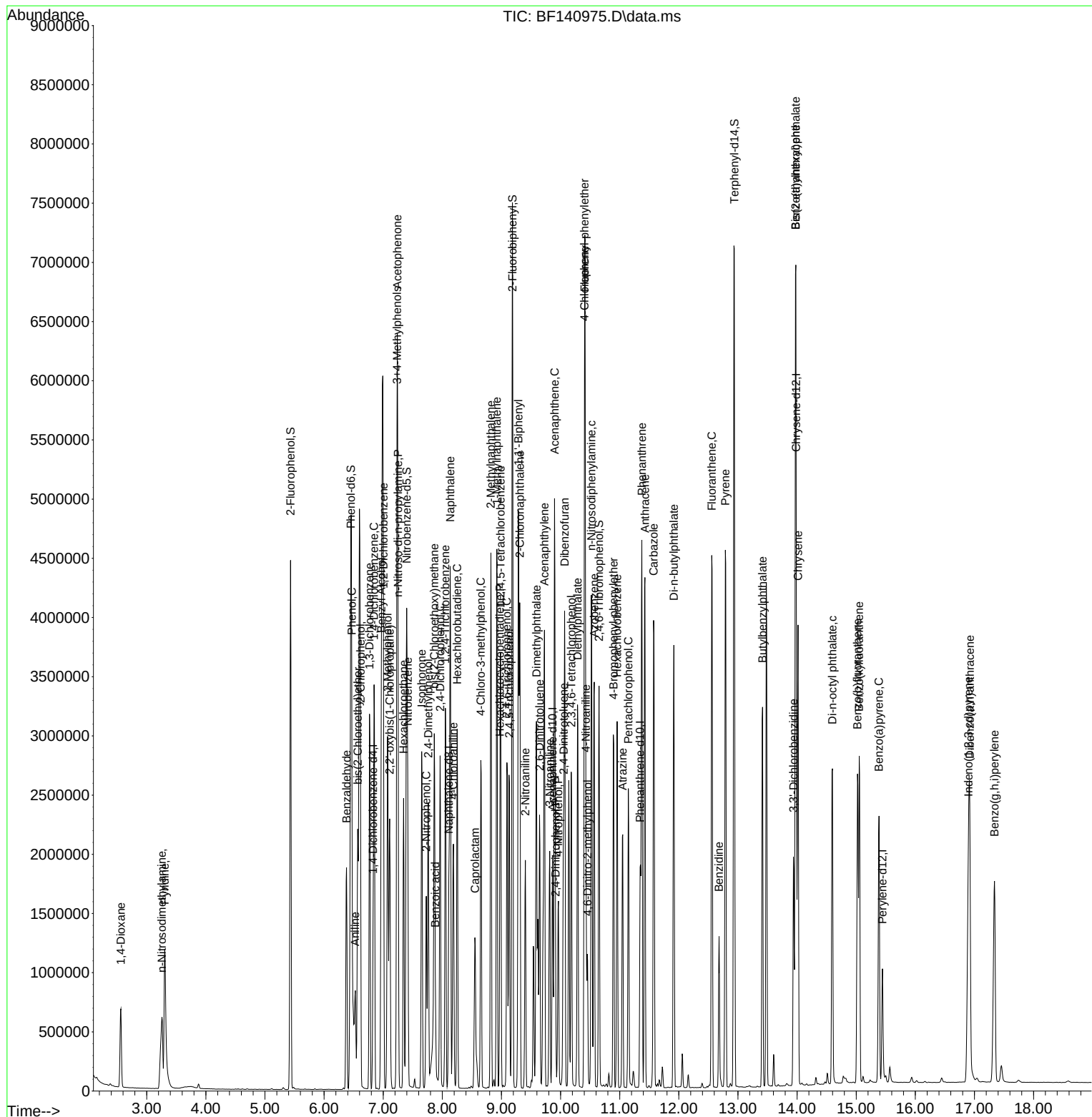
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 Data File : BF140975.D
 Acq On : 26 Dec 2024 18:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

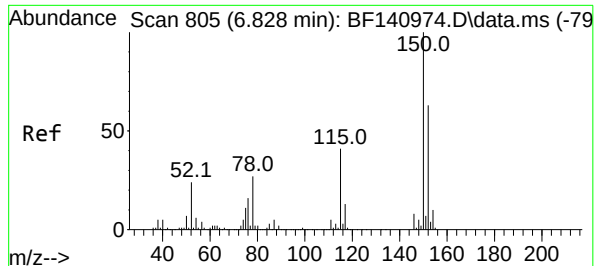
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

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

Manual Integrations APPROVED

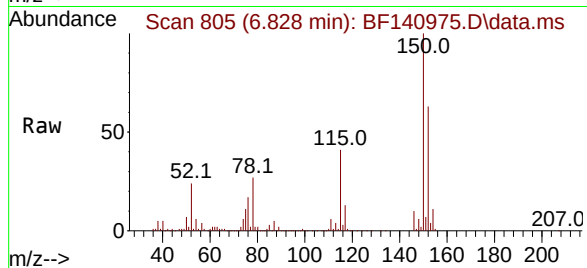
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024





#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

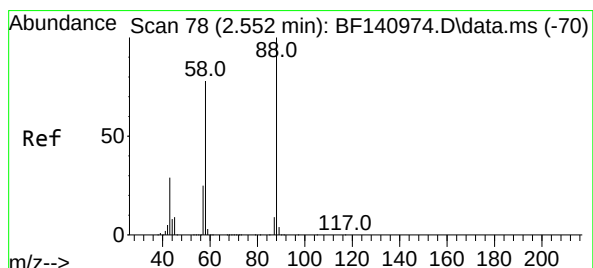
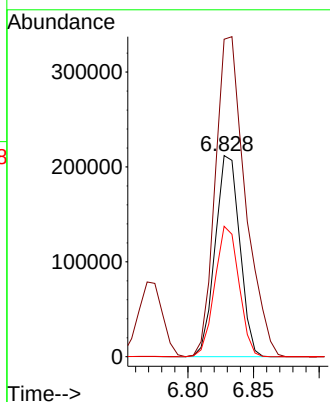
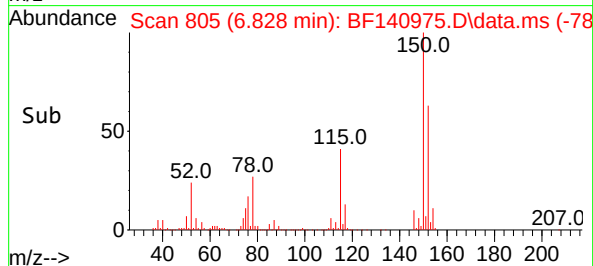
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

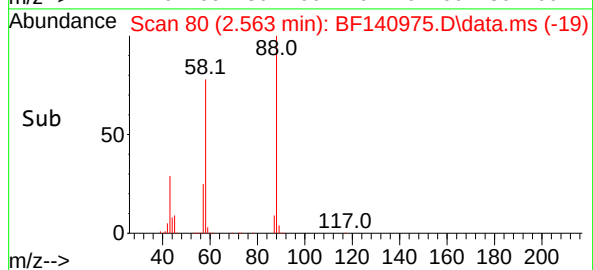
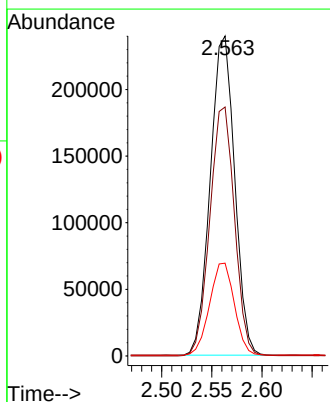
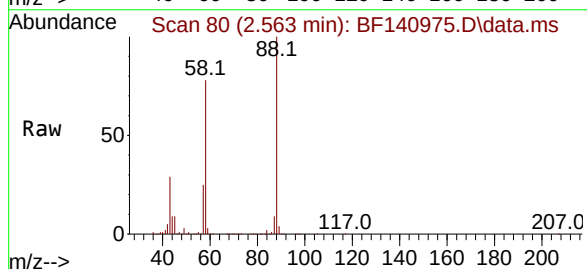
Manual Integrations
APPROVED

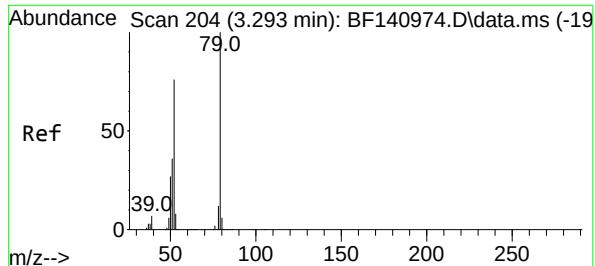
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

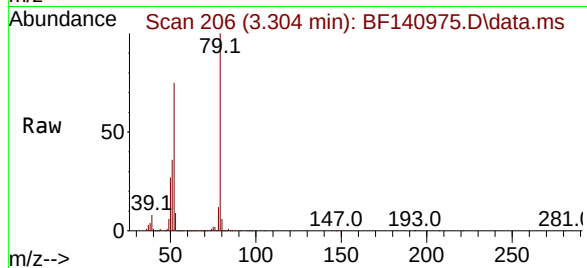
Tgt Ion: 88 Resp: 404513
Ion Ratio Lower Upper
88 100
58 78.9 63.0 94.4
43 29.4 23.4 35.2





#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

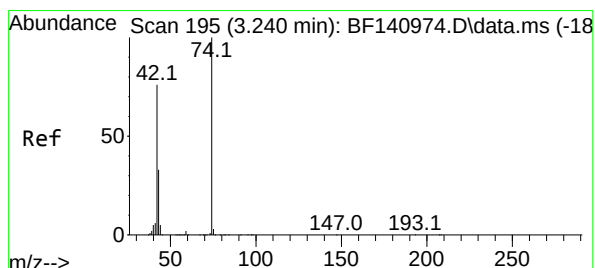
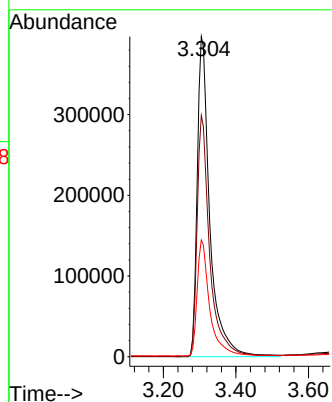
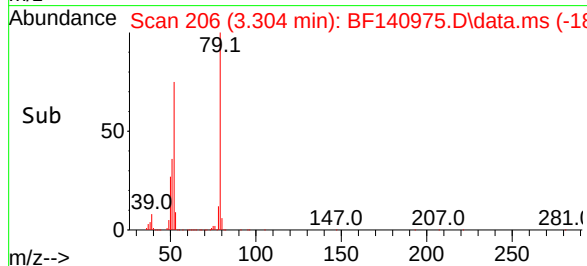
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

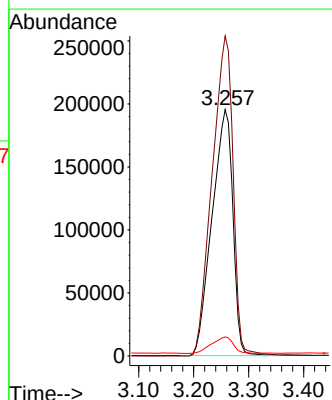
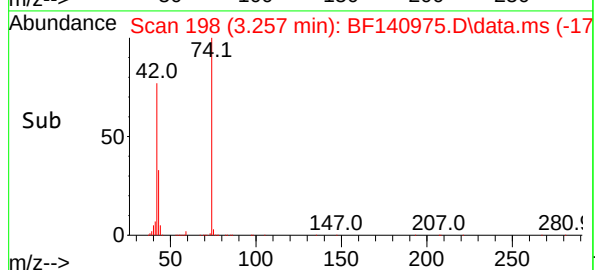
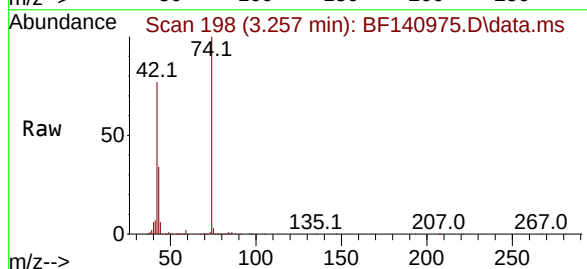
Manual Integrations
APPROVED

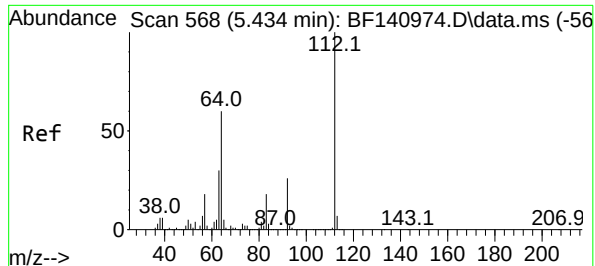
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

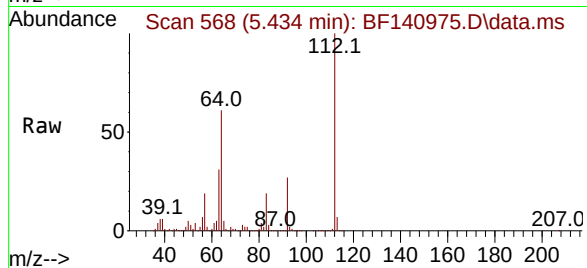
Tgt Ion: 42 Resp: 511762
Ion Ratio Lower Upper
42 100
74 129.9 105.8 158.6
44 7.7 6.6 10.0





#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

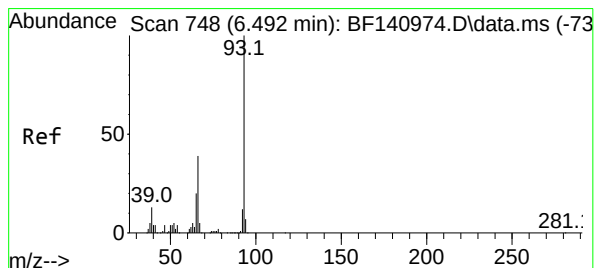
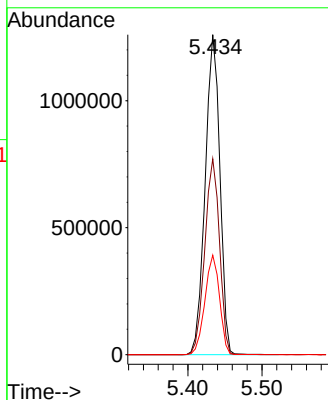
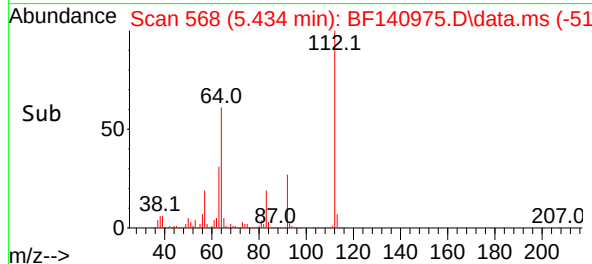
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

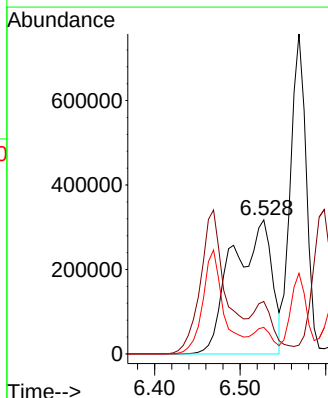
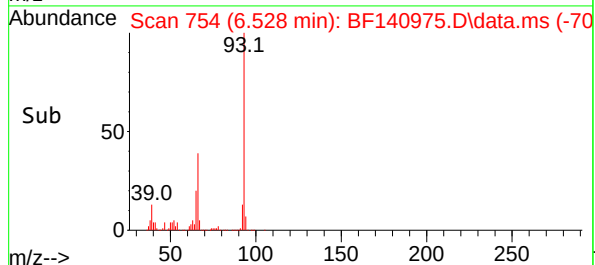
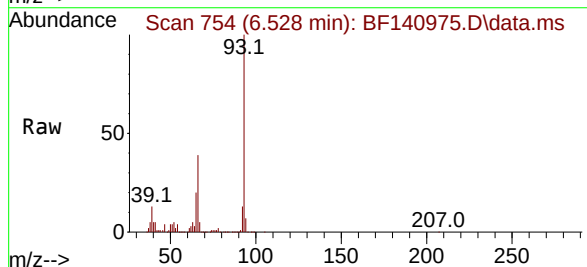
Manual Integrations
APPROVED

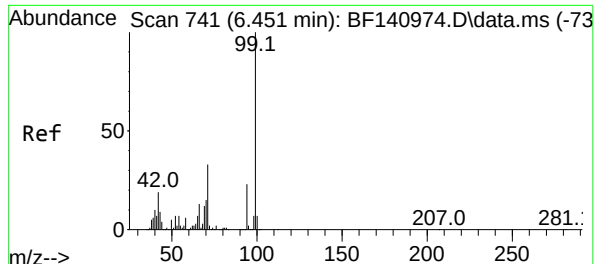
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

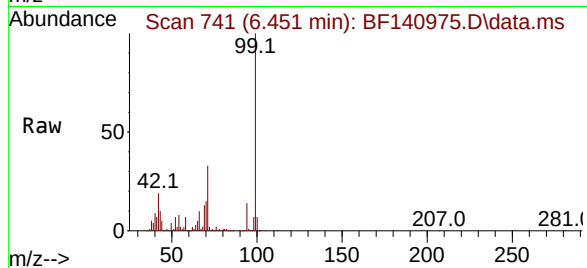
Tgt Ion: 93 Resp: 1020551
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.8
65 19.8 15.4 23.0





#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

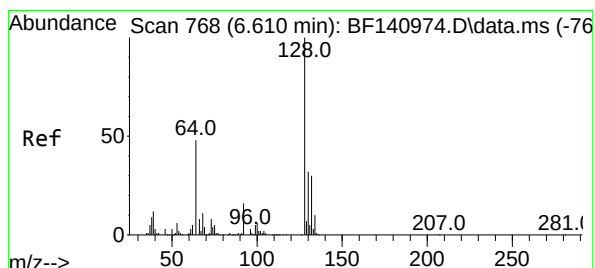
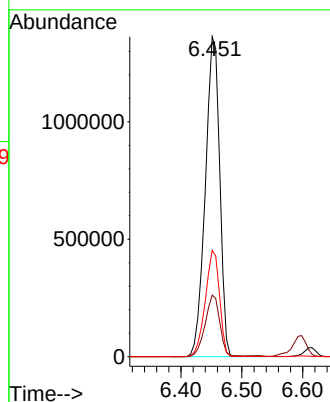
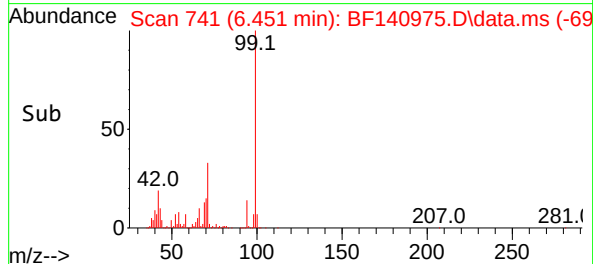
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

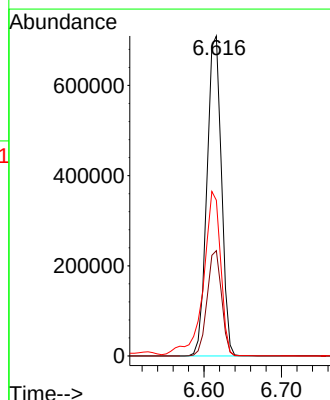
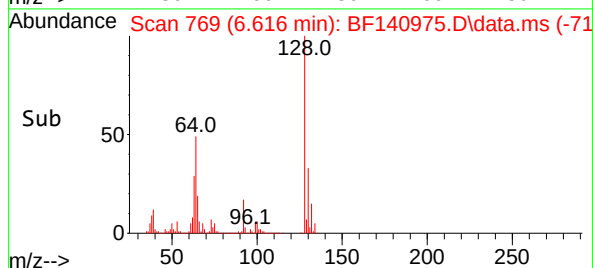
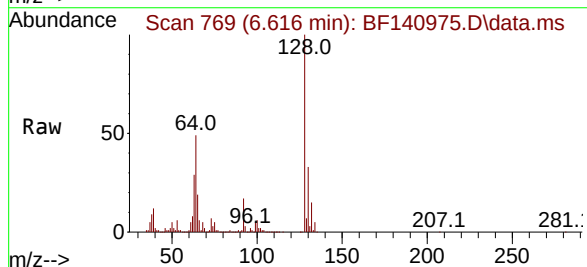
Manual Integrations
APPROVED

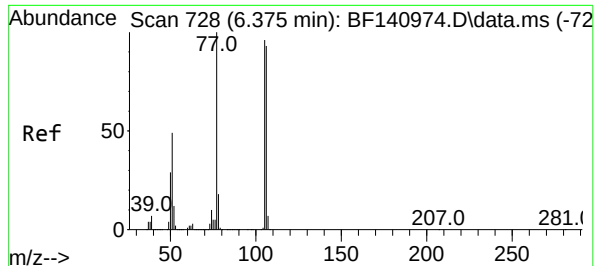
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

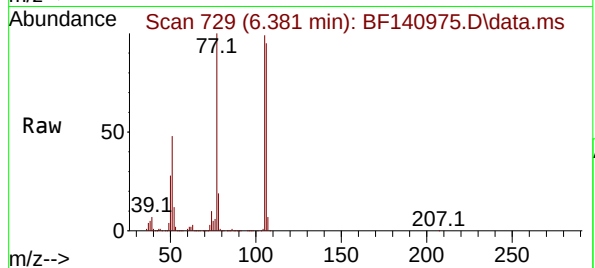
Tgt Ion:128 Resp: 922056
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 48.6 30.3 70.3





#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

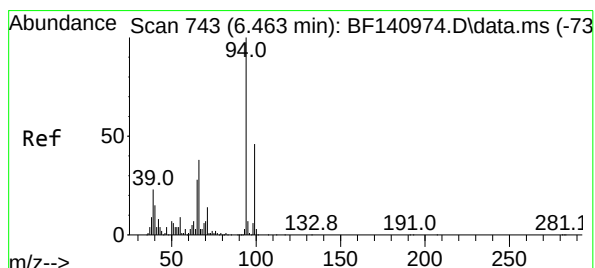
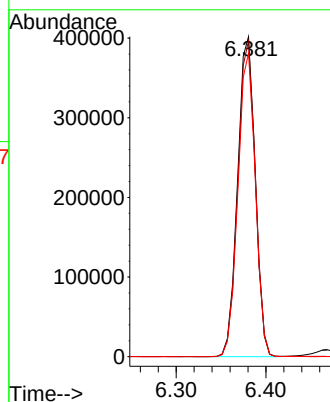
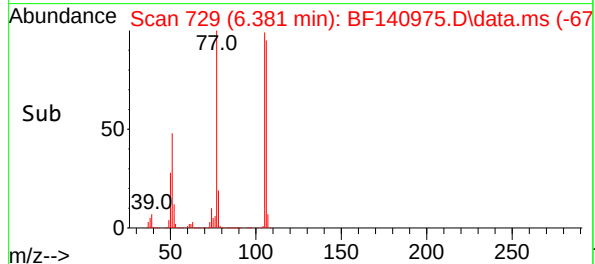
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

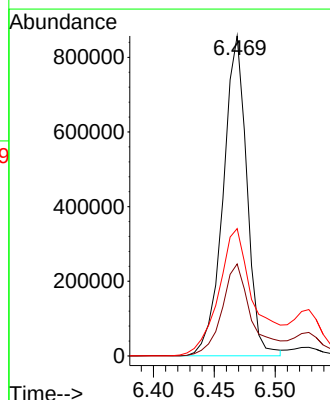
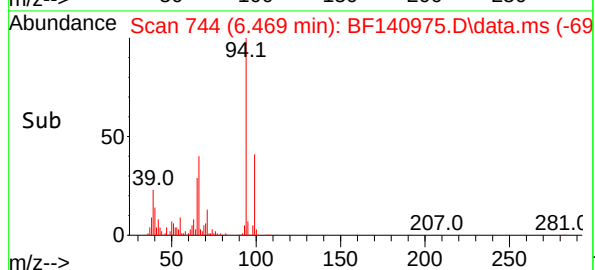
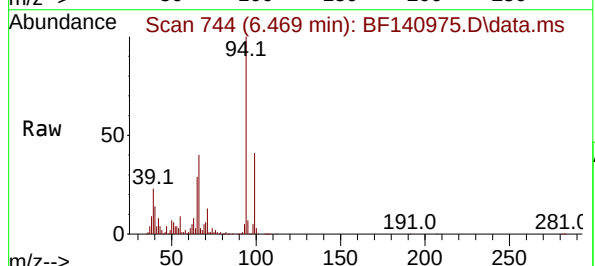
Manual Integrations
APPROVED

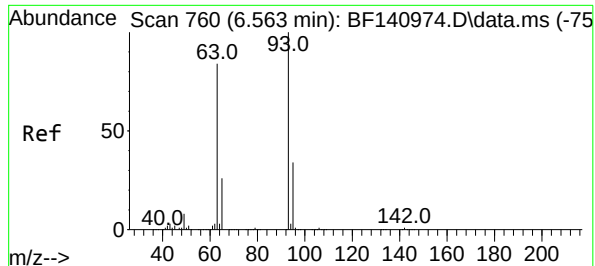
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 97660

Ion Ratio Lower Upper

93 100

63 77.2 60.3 100.3

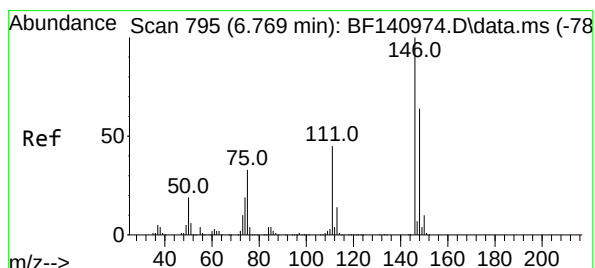
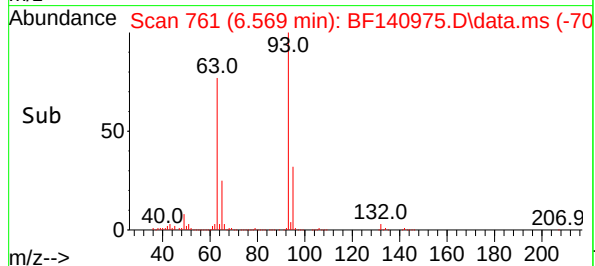
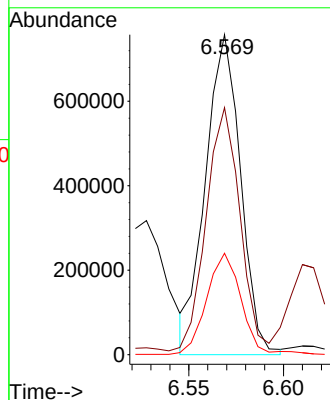
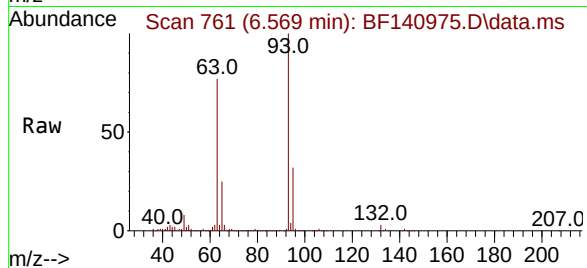
95 31.7 12.2 52.2

Manual Integrations

APPROVED

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

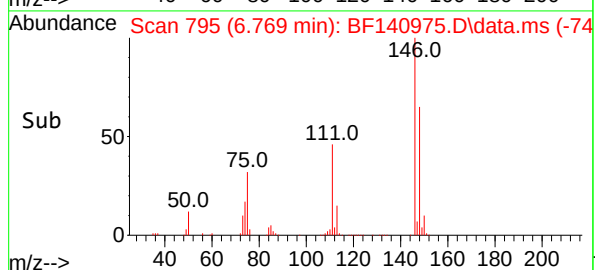
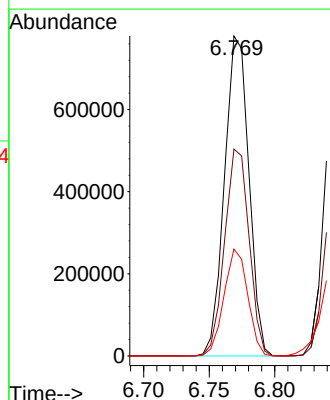
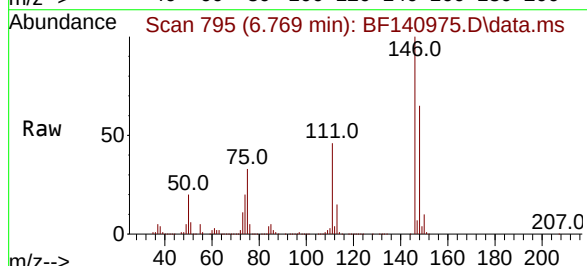
Tgt Ion:146 Resp: 1008461

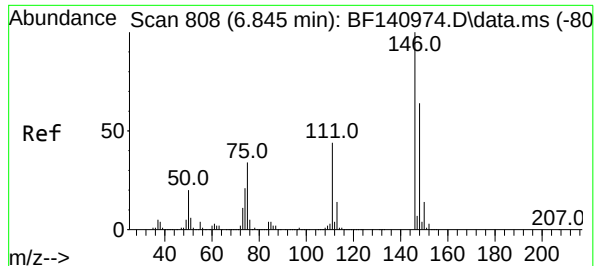
Ion Ratio Lower Upper

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# 80

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

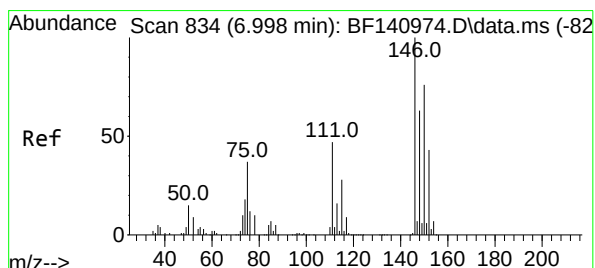
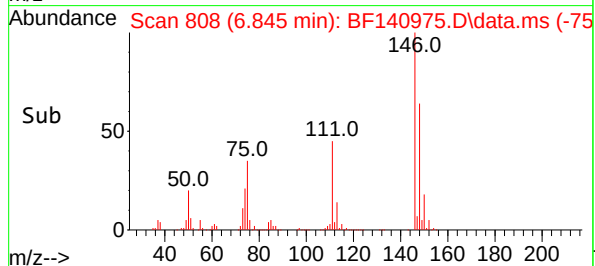
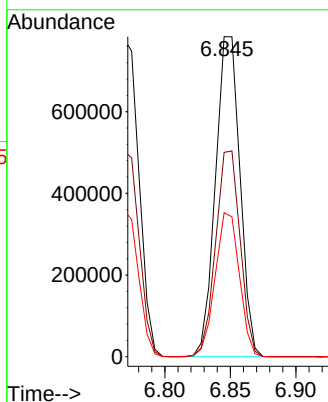
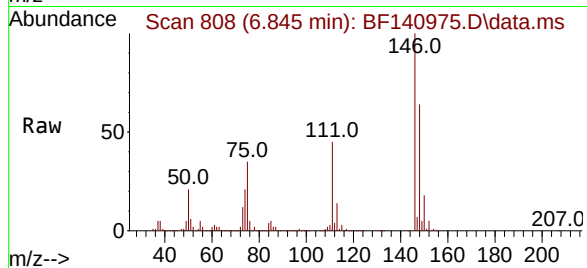
111 45.0 35.3 52.9

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

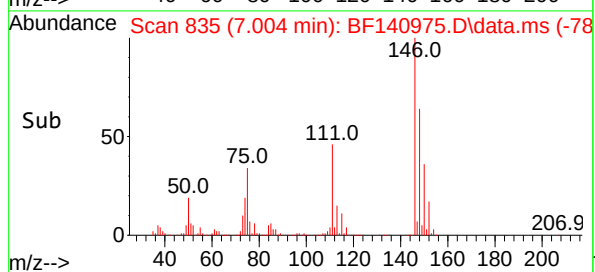
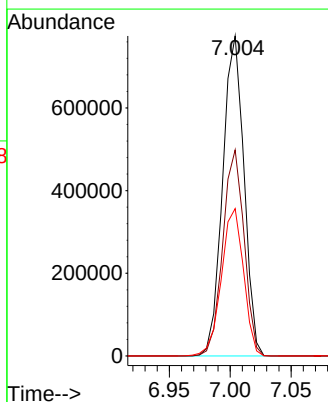
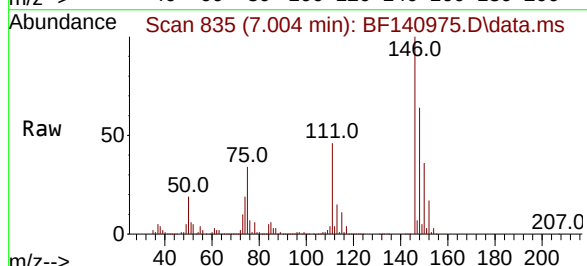
Tgt Ion:146 Resp: 942310

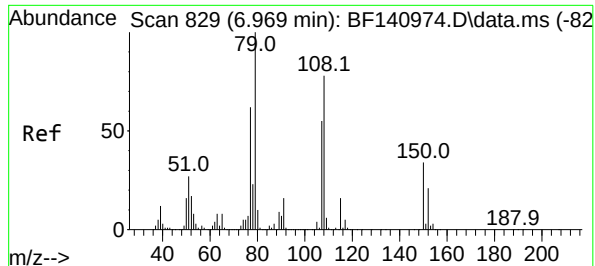
Ion Ratio Lower Upper

146 100

148 64.4 50.6 76.0

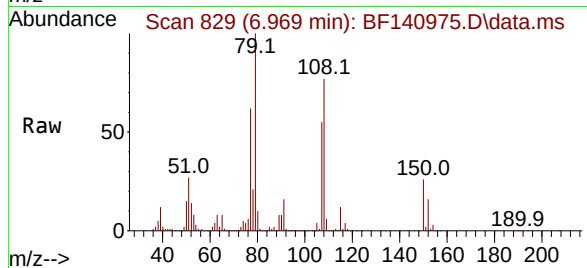
111 46.1 37.3 55.9





#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

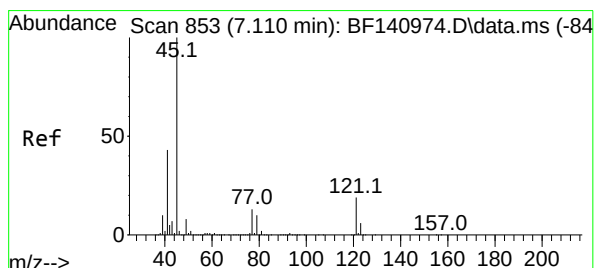
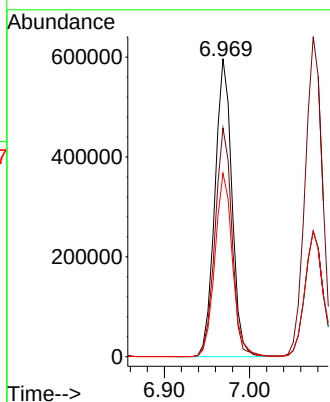
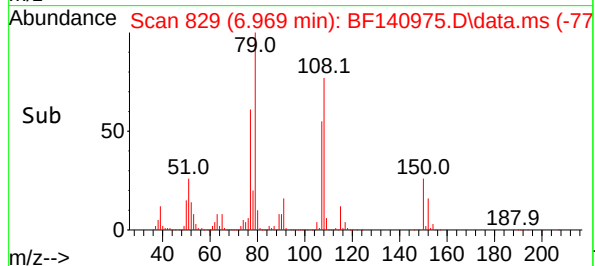
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

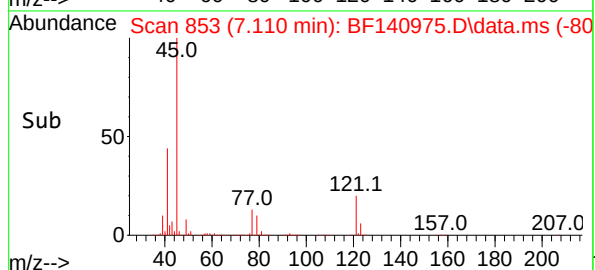
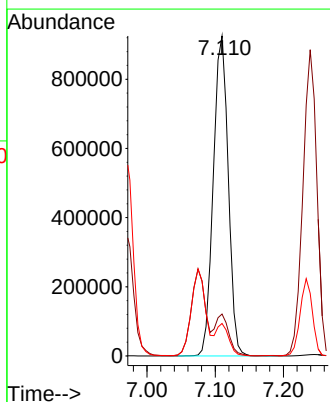
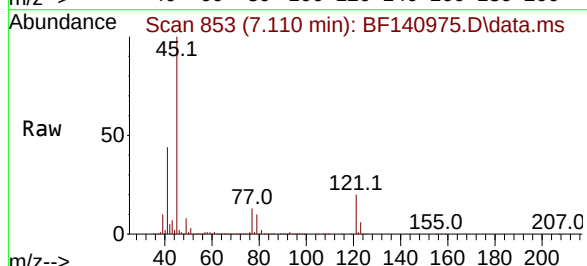
Manual Integrations
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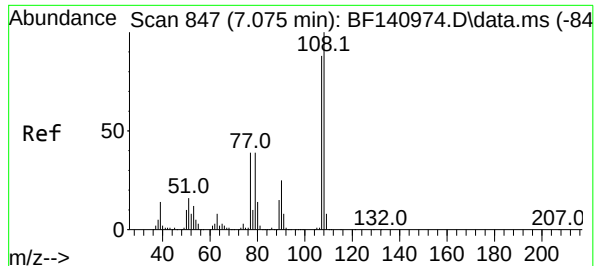
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

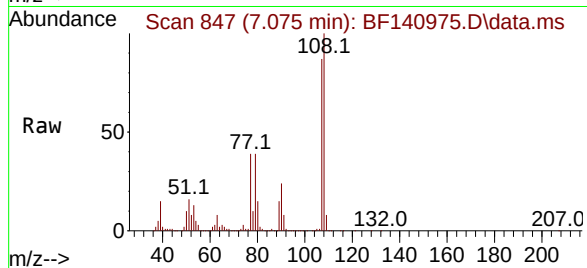
Tgt Ion: 45 Resp: 1412151
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.1
79 10.2 0.0 30.1





#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

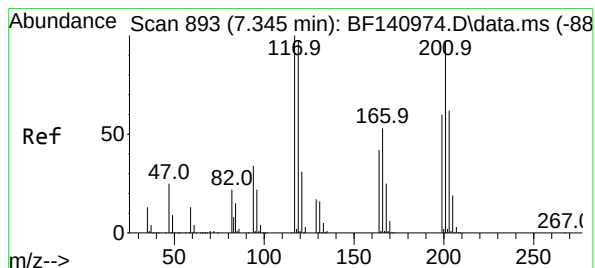
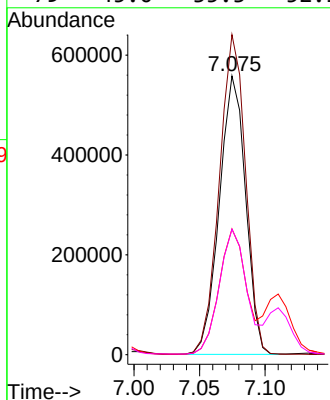
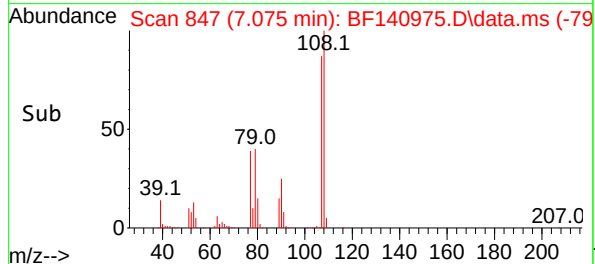
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

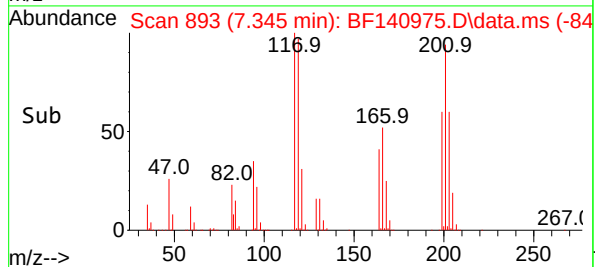
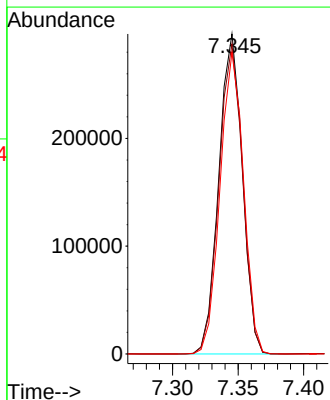
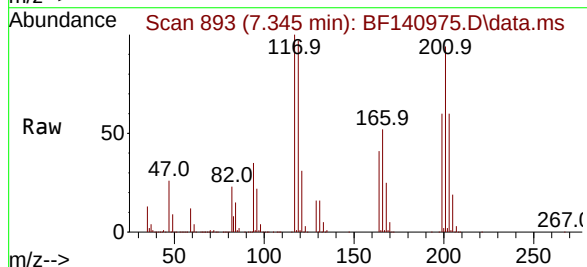
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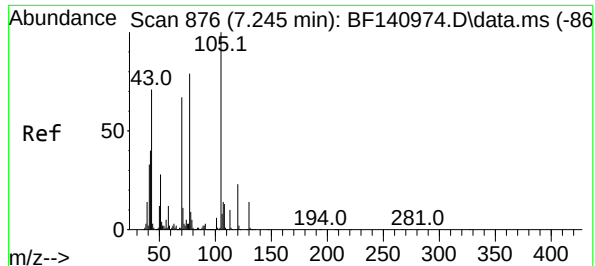
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

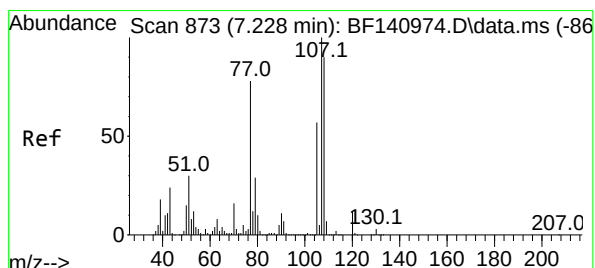
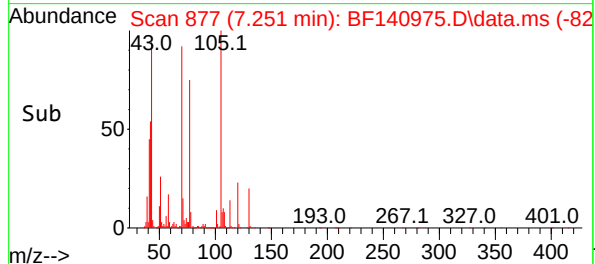
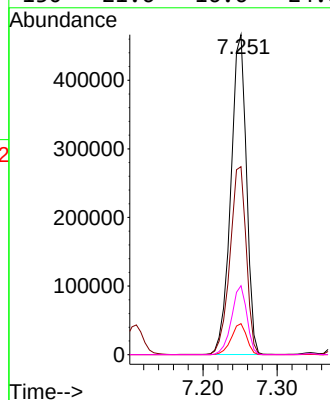
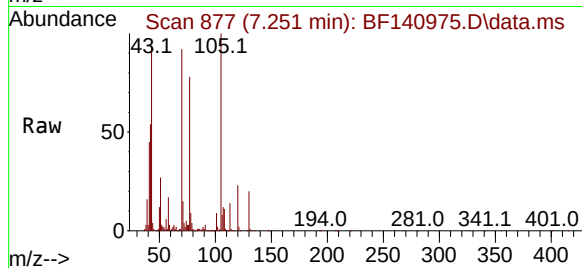
130 21.6 16.6 24.8

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

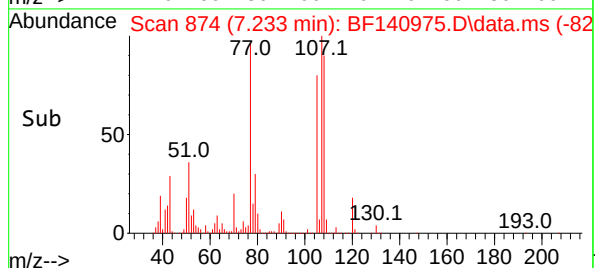
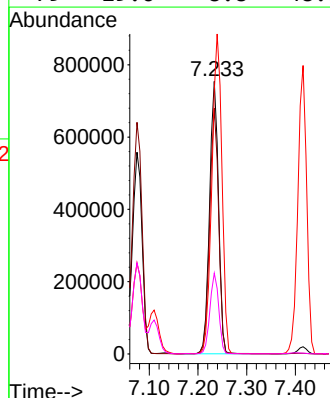
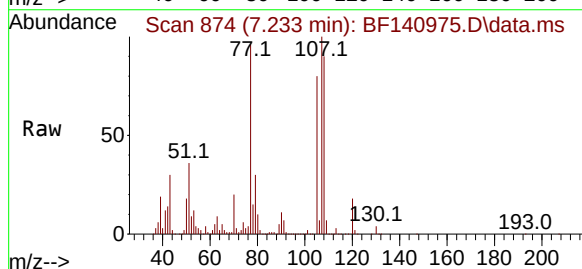
Ion Ratio Lower Upper

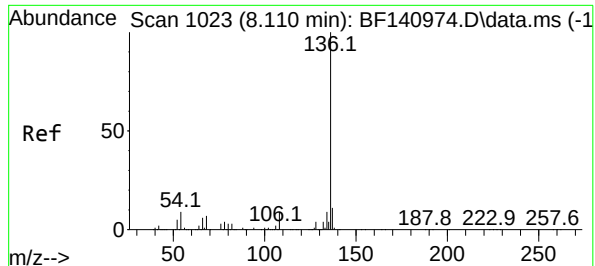
107 100

108 90.1 69.6 109.6

77 96.2 57.6 97.6

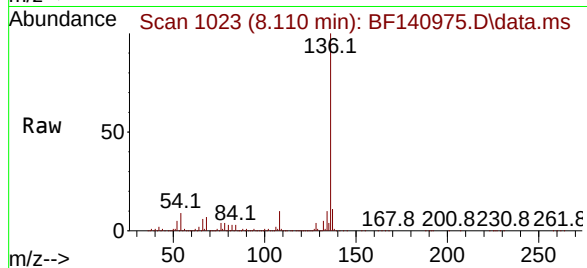
79 29.6 8.8 48.8





#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

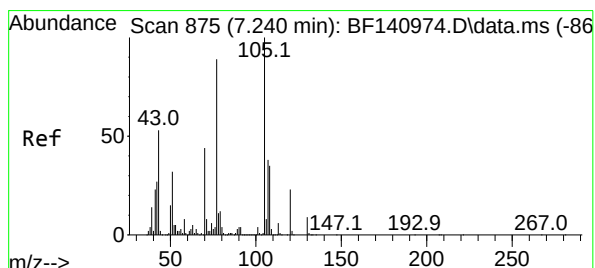
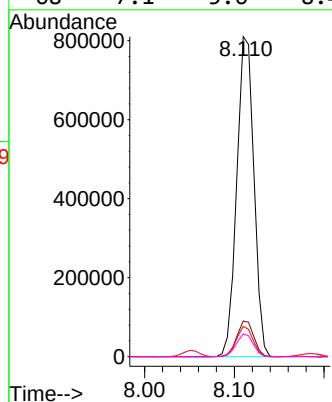
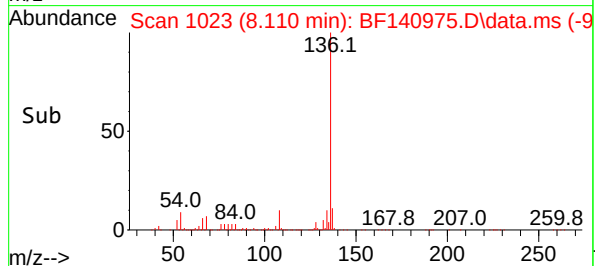
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

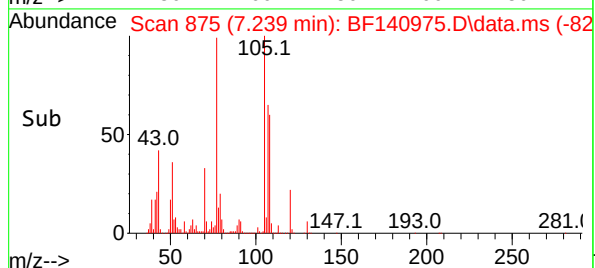
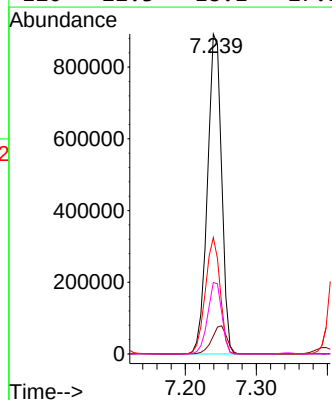
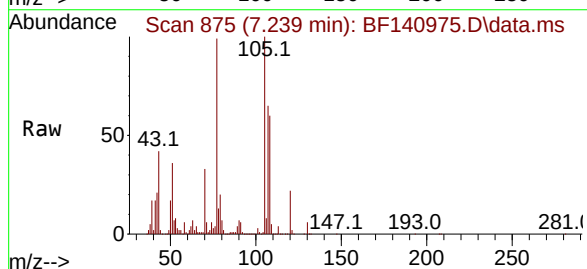
Manual Integrations
APPROVED

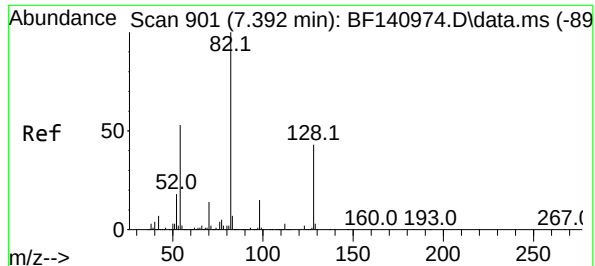
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

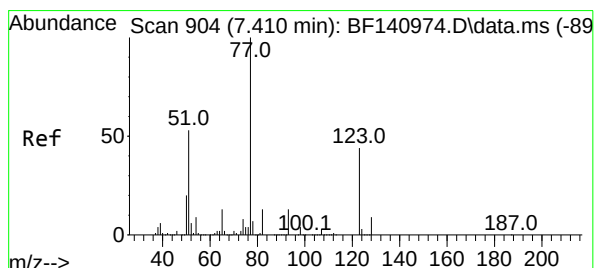
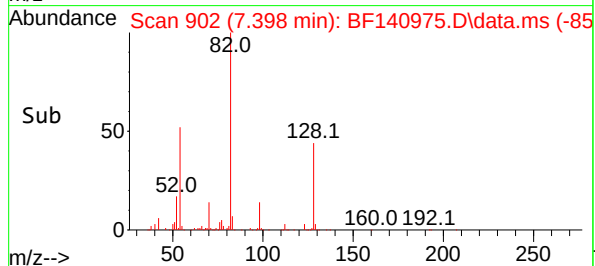
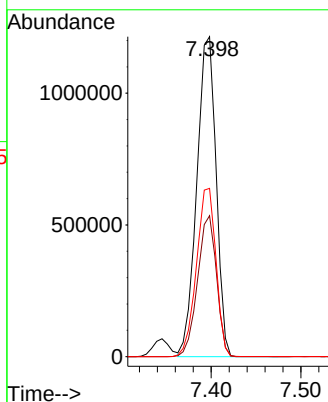
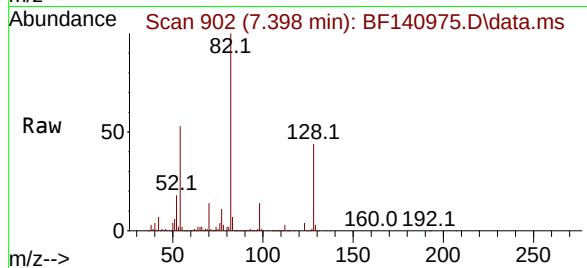
54 52.6 42.4 63.6

Manual Integrations

APPROVED

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

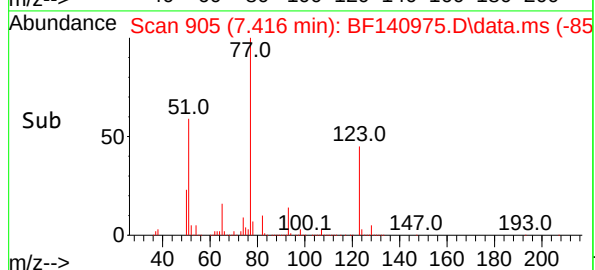
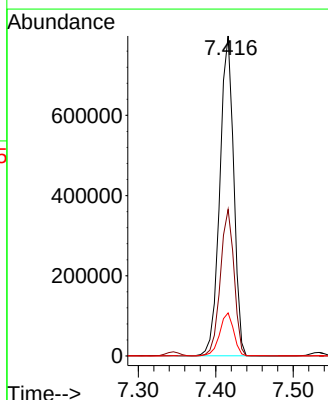
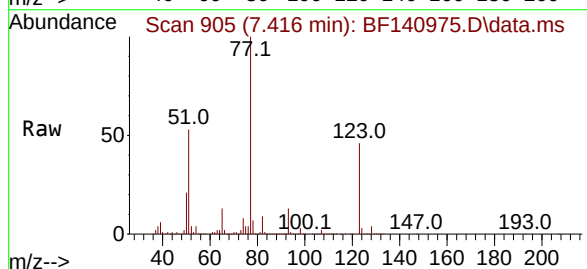
Tgt Ion: 77 Resp: 997447

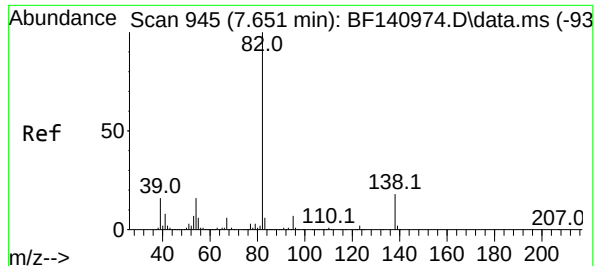
Ion Ratio Lower Upper

77 100

123 45.8 35.4 53.2

65 13.5 10.7 16.1





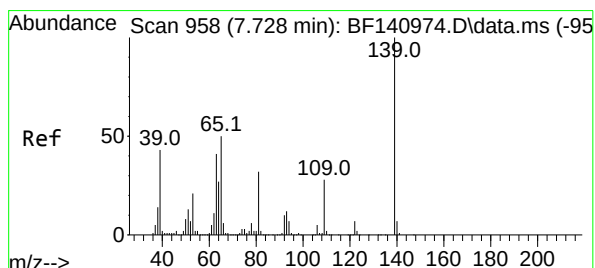
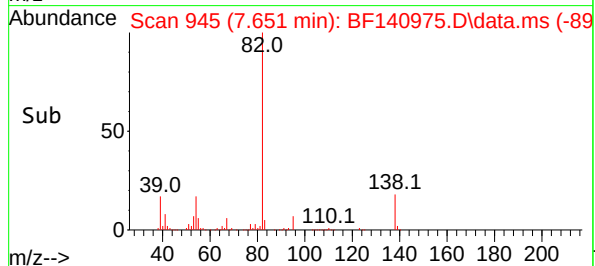
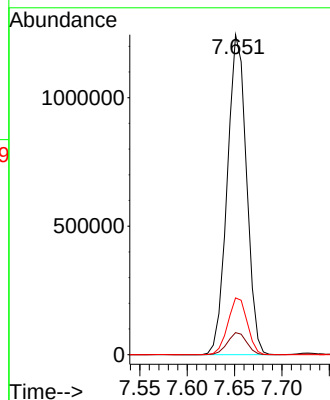
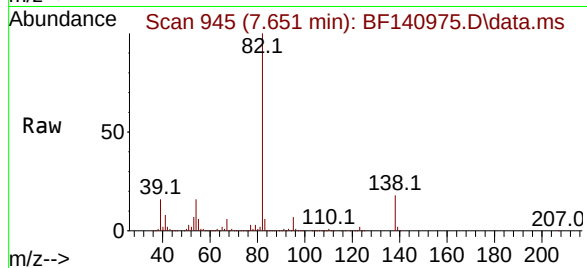
#25
Isophorone
Concen: 48.082 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

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

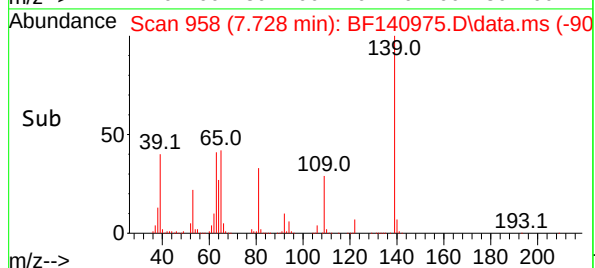
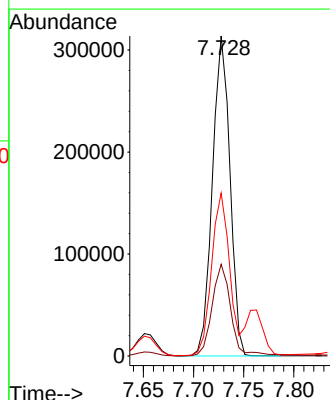
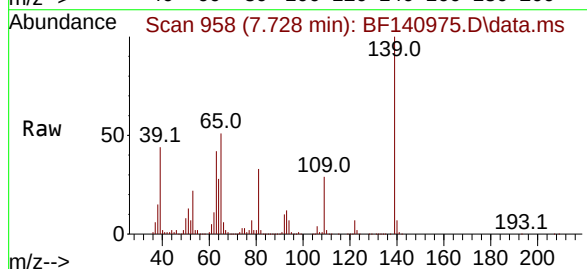
Manual Integrations
APPROVED

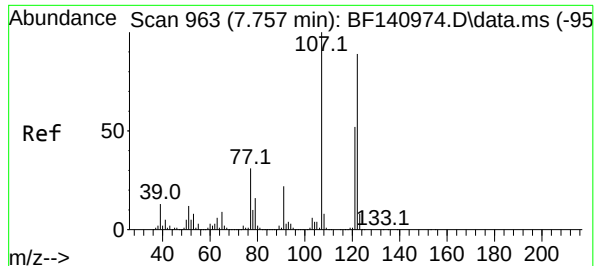
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

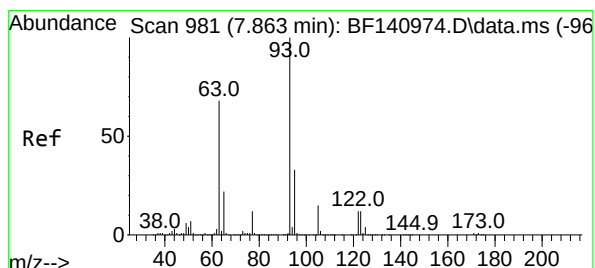
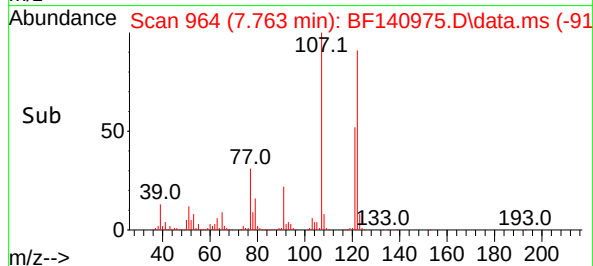
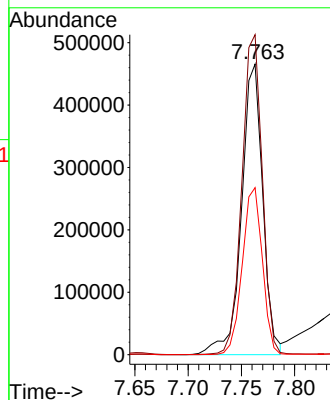
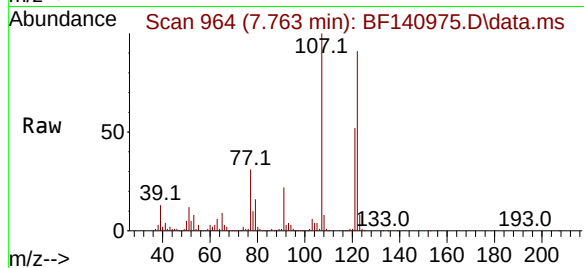
121 57.5 46.7 70.1

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

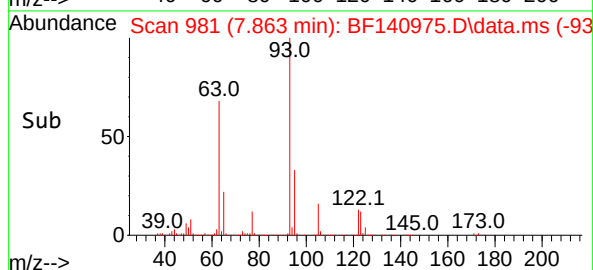
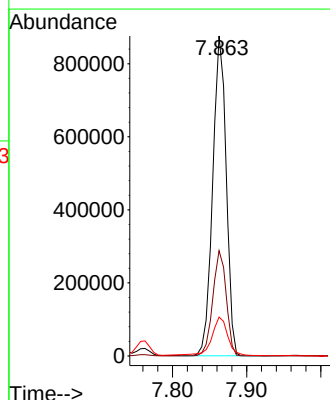
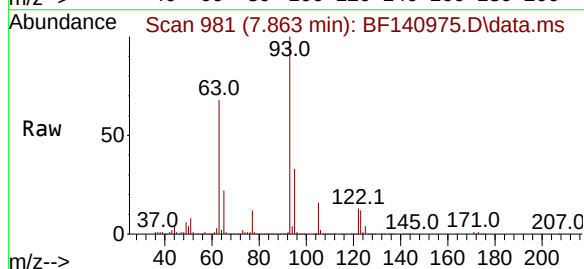
Tgt Ion: 93 Resp: 1107863

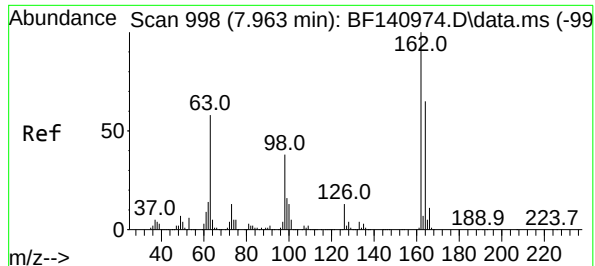
Ion Ratio Lower Upper

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

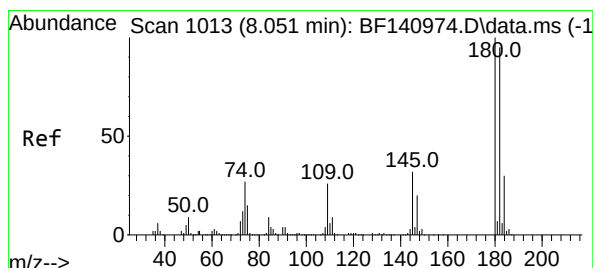
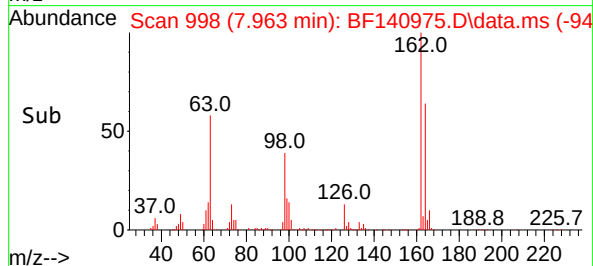
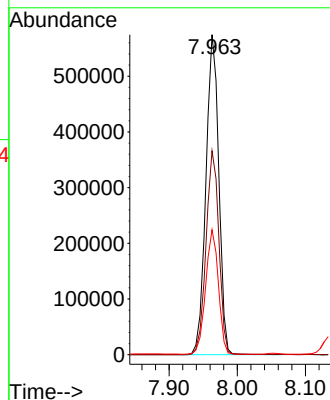
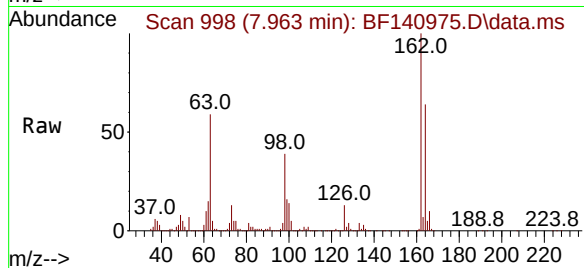
98 39.1 18.6 58.6

Manual Integrations

APPROVED

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

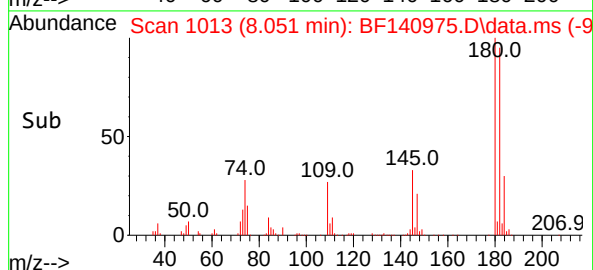
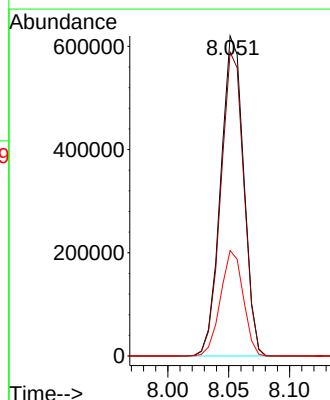
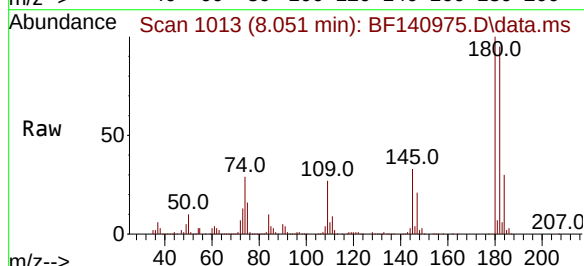
Tgt Ion:180 Resp: 815821

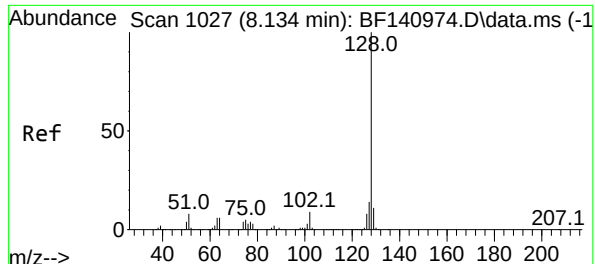
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 32.9 25.4 38.2





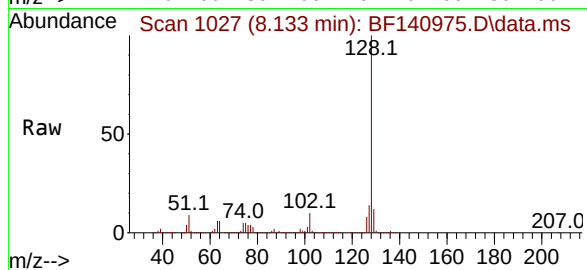
#31
Naphthalene
Concen: 46.905 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



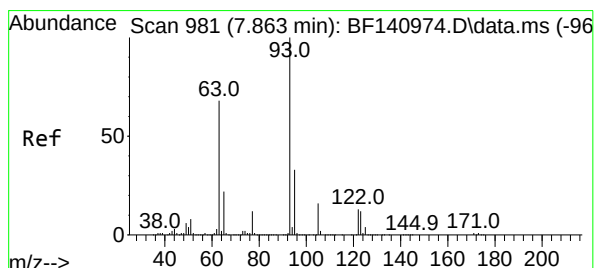
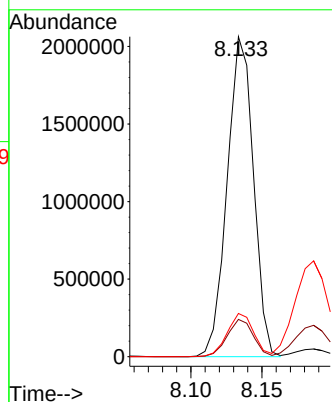
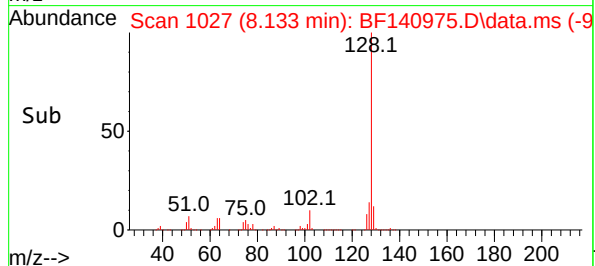
Tgt Ion:128 Resp: 265694
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 11.0 16.4

Manual Integrations

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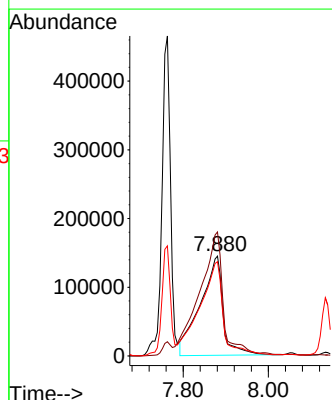
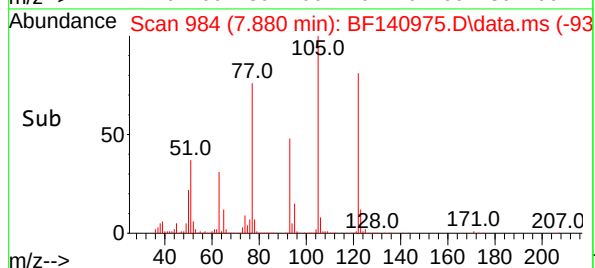
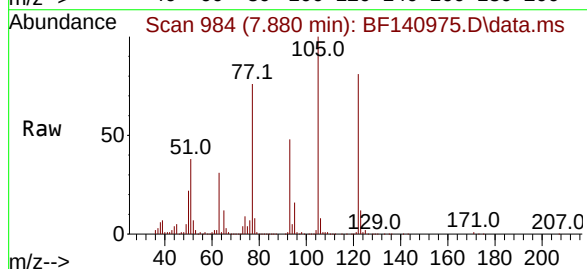
Reviewed By :Yogesh Patel 12/27/2024

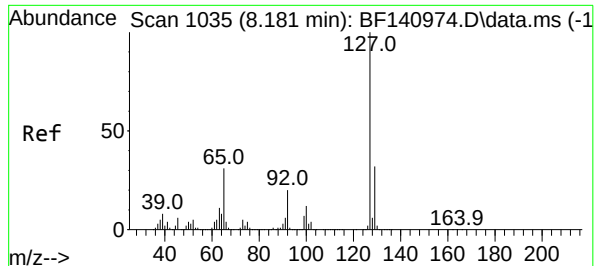
Supervised By :mohammad ahmed 12/27/2024



#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

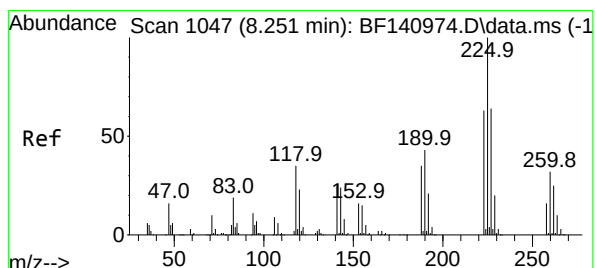
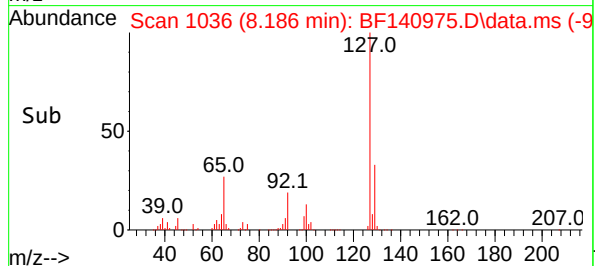
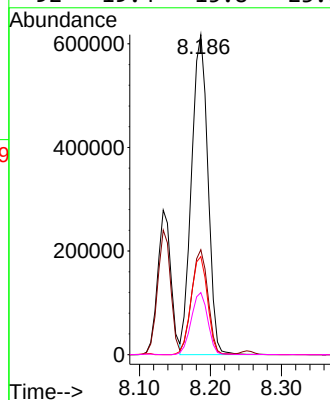
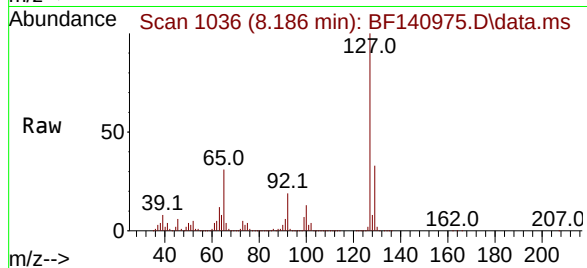
92 19.4 15.8 23.6

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

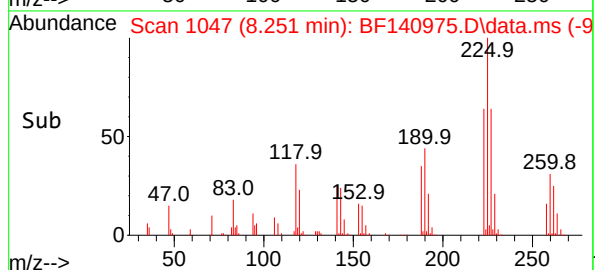
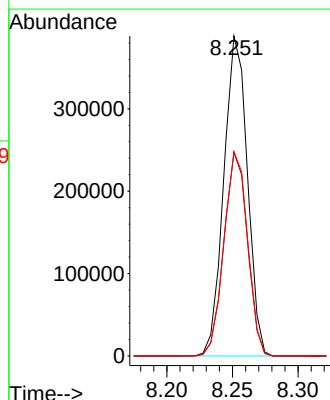
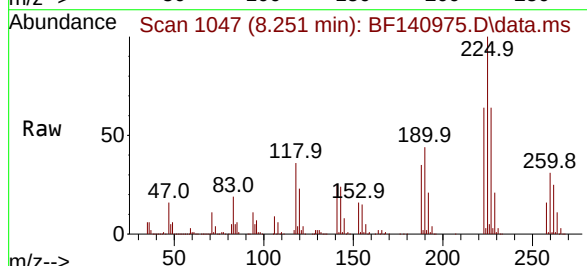
Tgt Ion:225 Resp: 485520

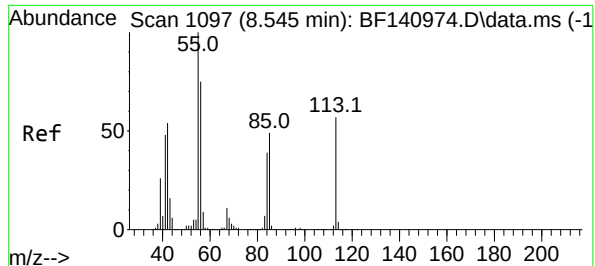
Ion Ratio Lower Upper

225 100

223 63.6 50.3 75.5

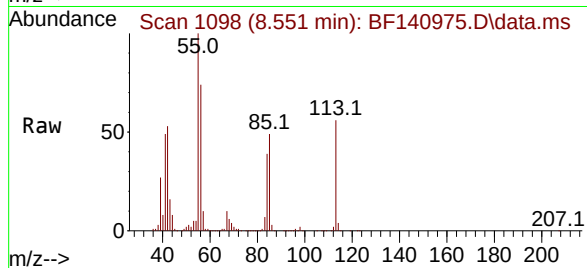
227 63.9 50.8 76.2





#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

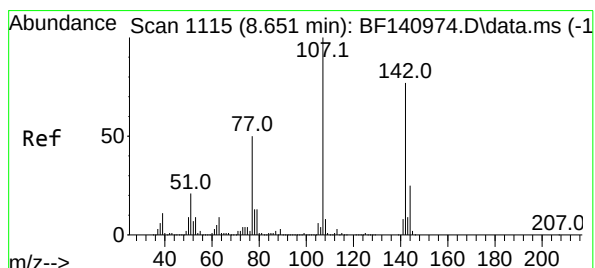
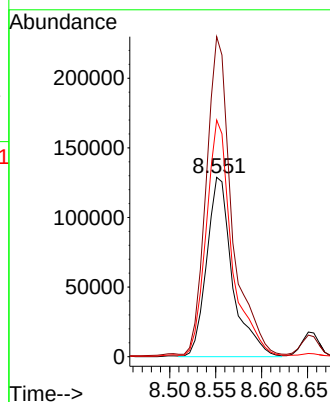
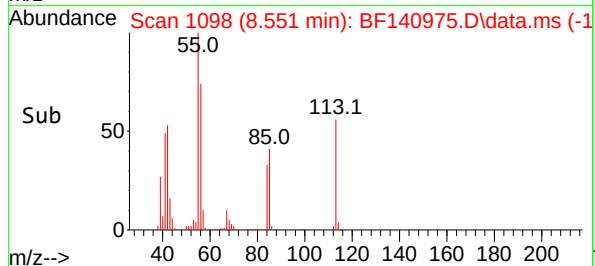
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

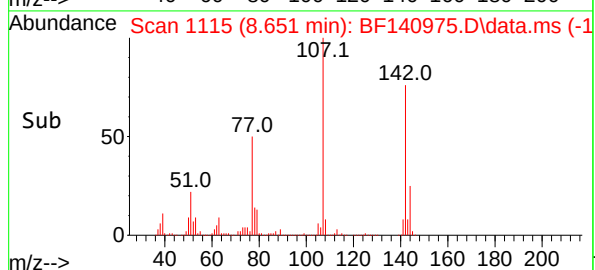
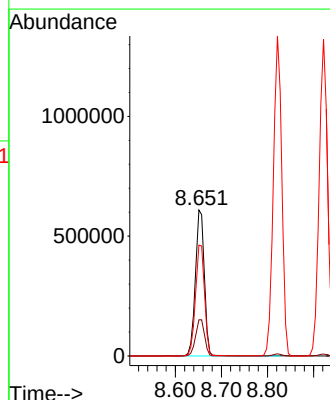
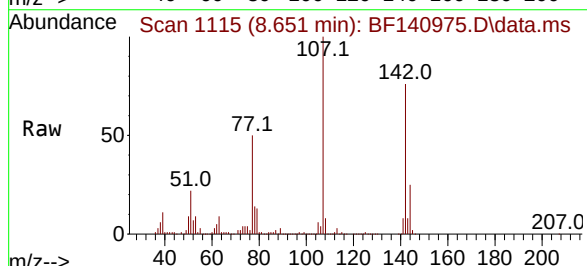
Manual Integrations
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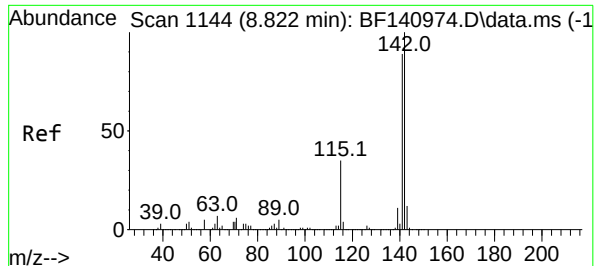
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

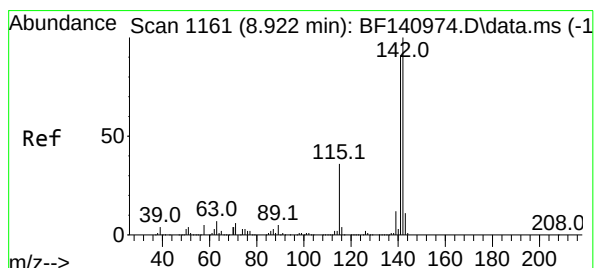
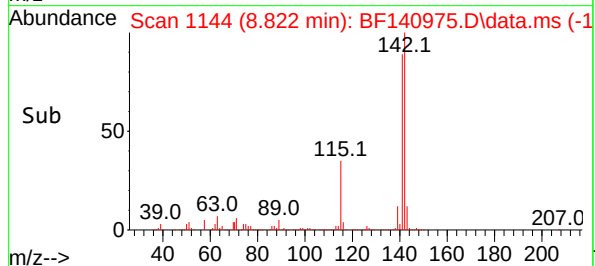
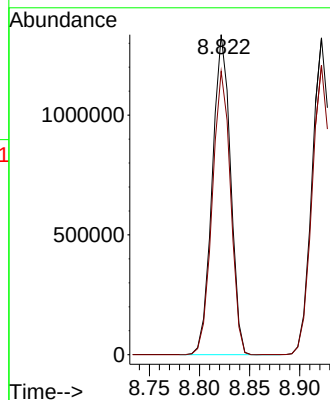
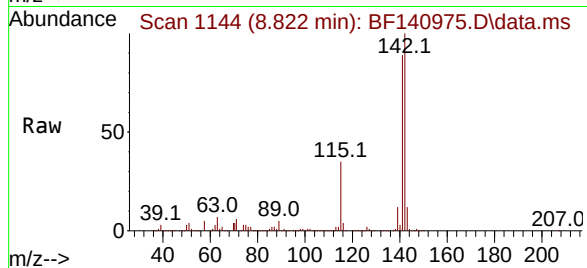
141 88.5 71.1 106.7

Manual Integrations

APPROVED

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

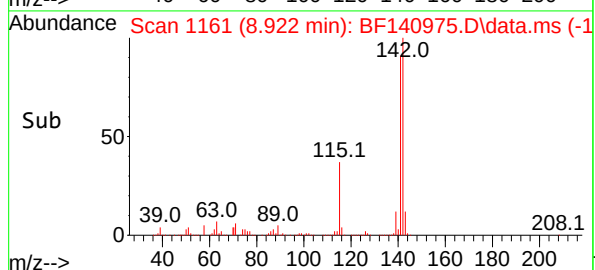
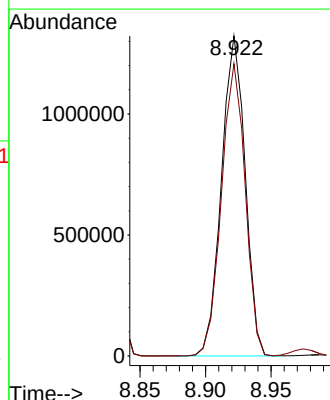
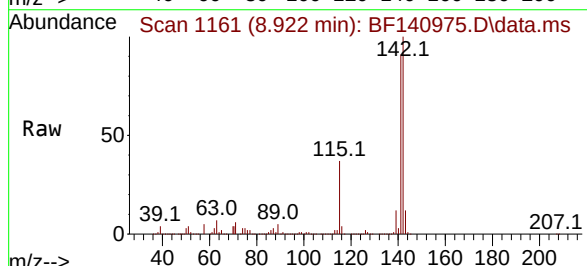
Acq: 26 Dec 2024 18:33

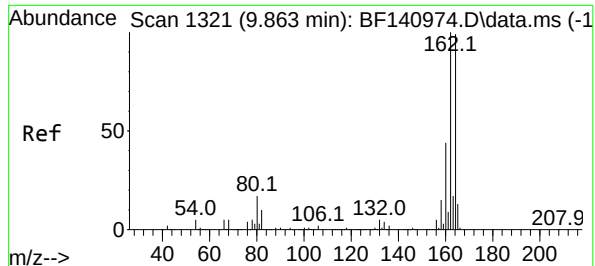
Tgt Ion:142 Resp: 1659875

Ion Ratio Lower Upper

142 100

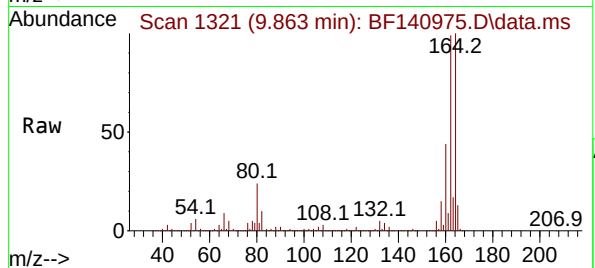
141 91.4 72.7 109.1





#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

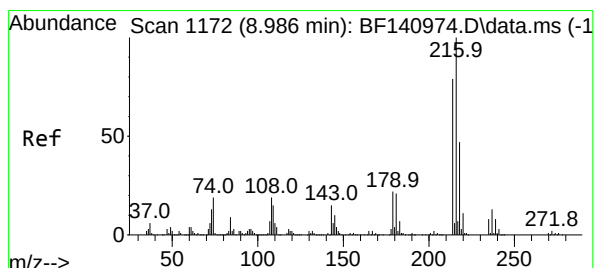
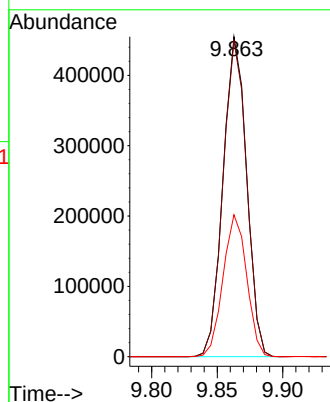
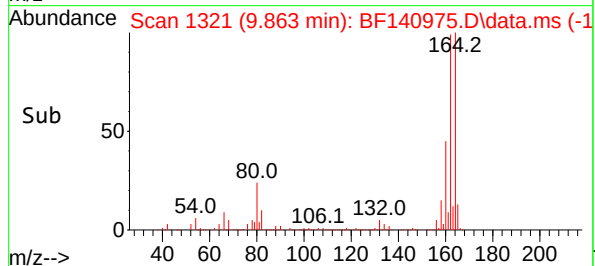
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

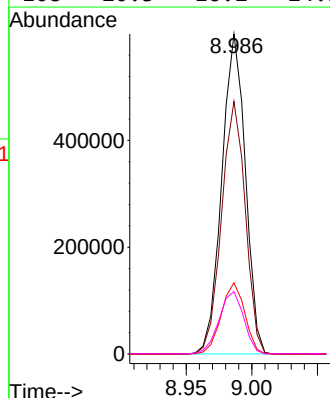
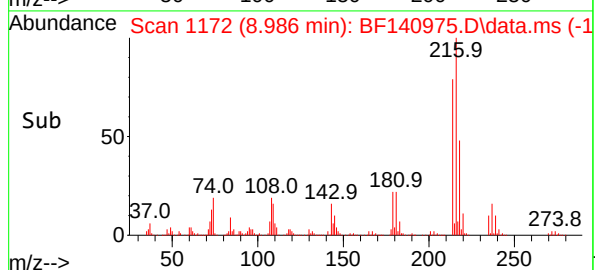
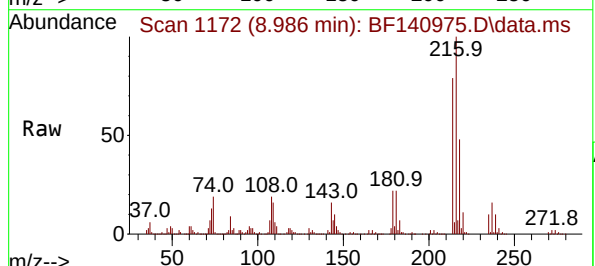
Manual Integrations
APPROVED

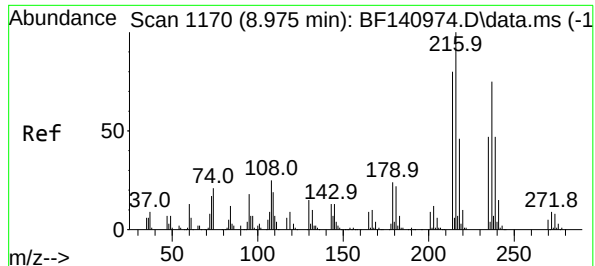
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

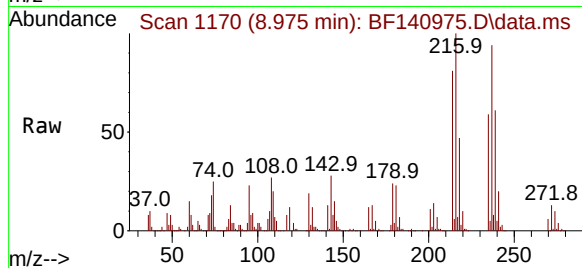
Tgt Ion:216 Resp: 748540
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.6
179 22.2 17.9 26.9
108 20.3 16.2 24.2





#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

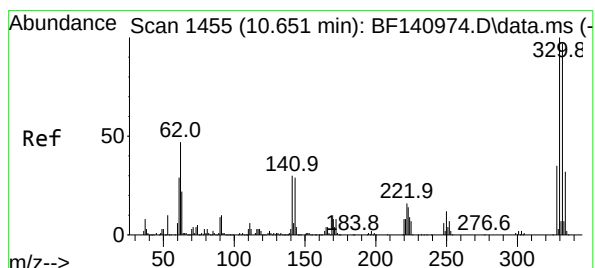
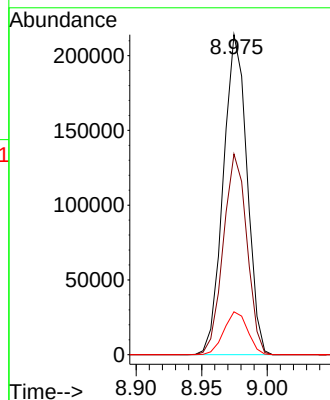
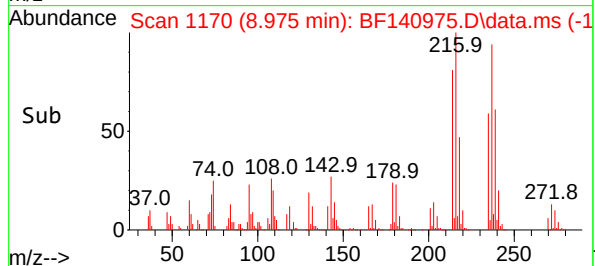
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

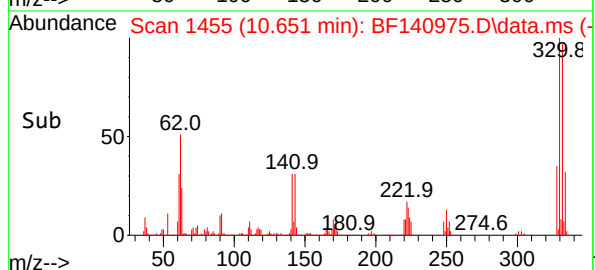
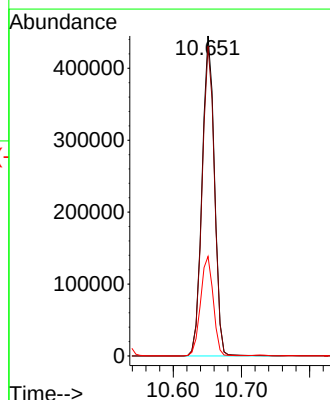
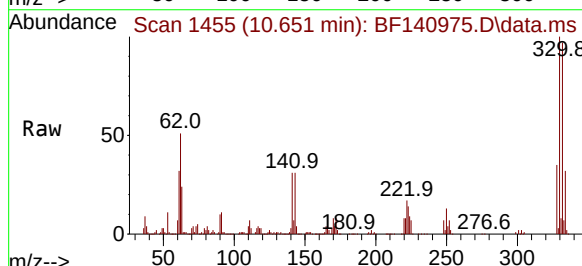
Manual Integrations
APPROVED

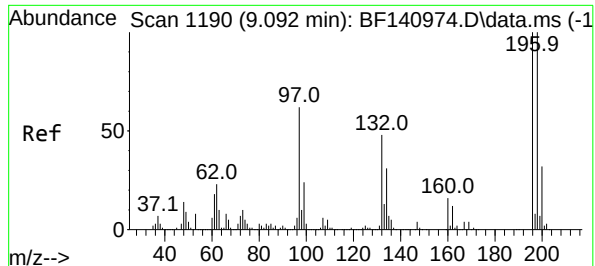
Reviewed By : Yogesh Patel 12/27/2024
Supervised By : mohammad ahmed 12/27/2024



#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

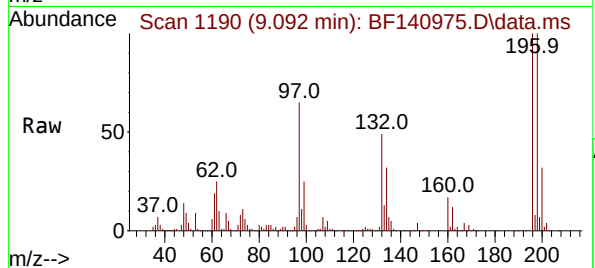
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 505859

Ion Ratio Lower Upper

196 100

198 100.0 80.2 120.4

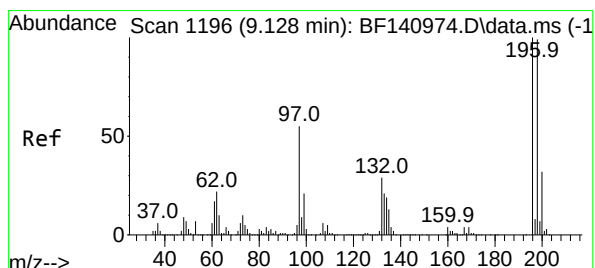
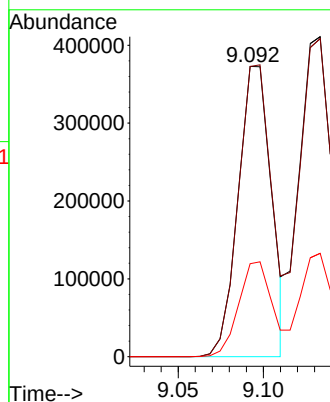
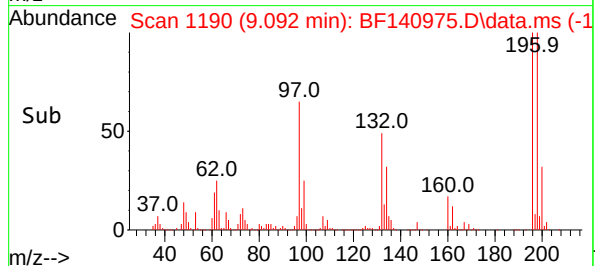
200 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#44

2,4,5-Trichlorophenol

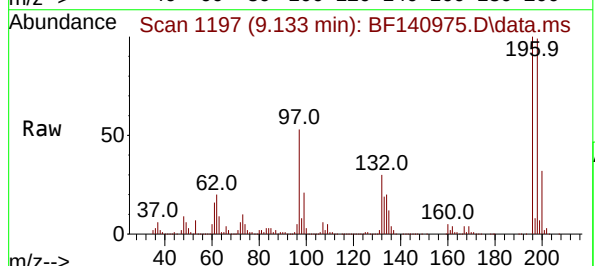
Concen: 51.514 ng

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

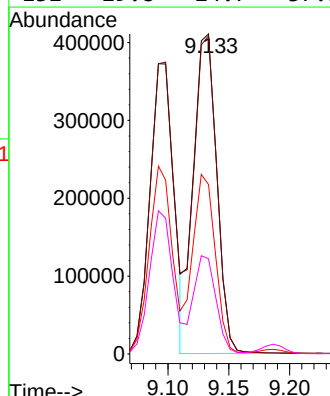
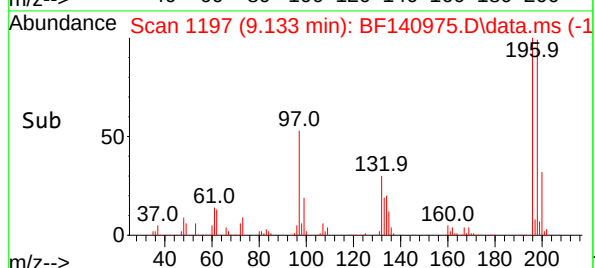
Ion Ratio Lower Upper

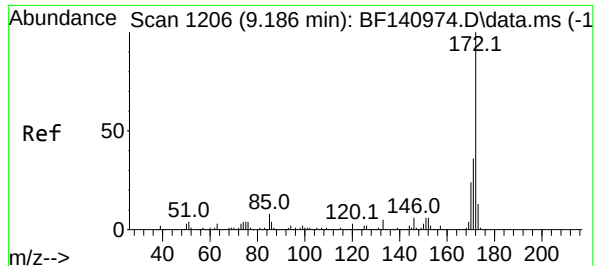
196 100

198 99.4 79.9 119.9

97 53.0 44.3 66.5

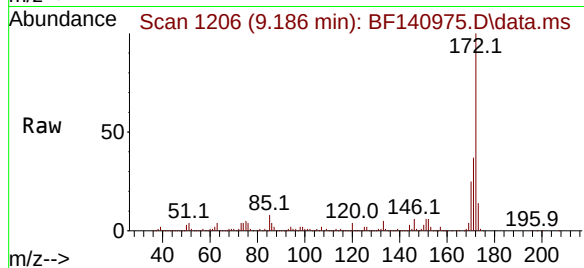
132 29.8 24.7 37.1





#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

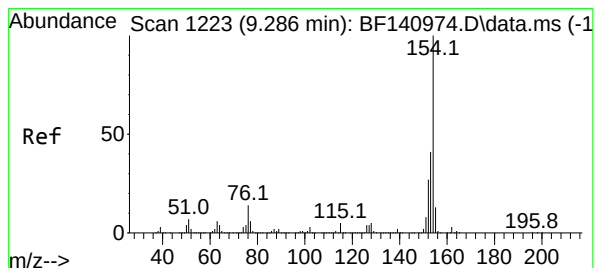
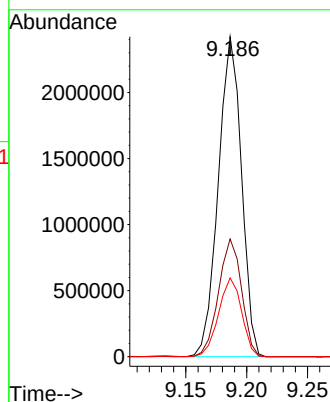
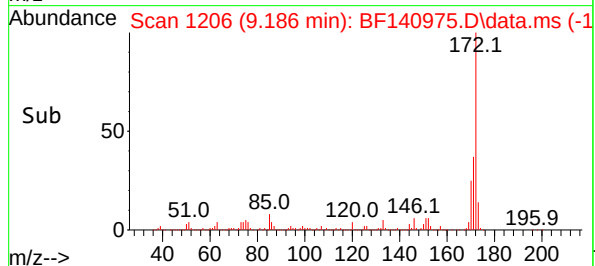
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

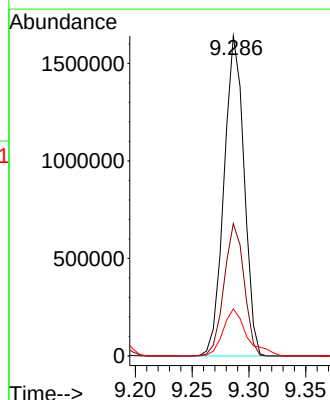
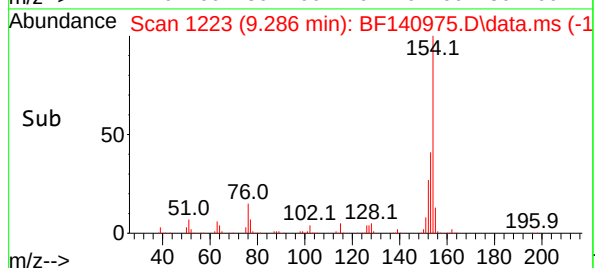
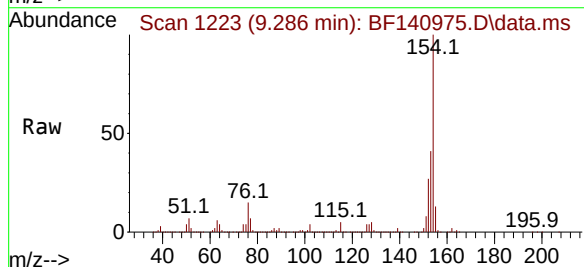
Manual Integrations
APPROVED

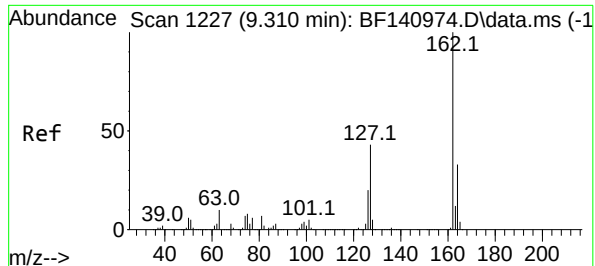
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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# 11

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

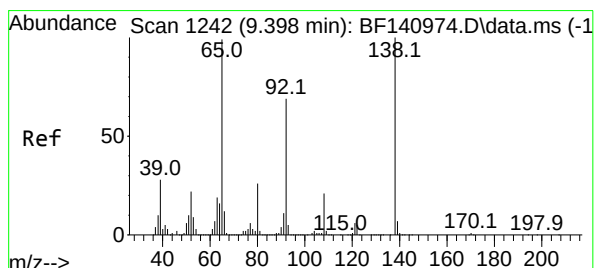
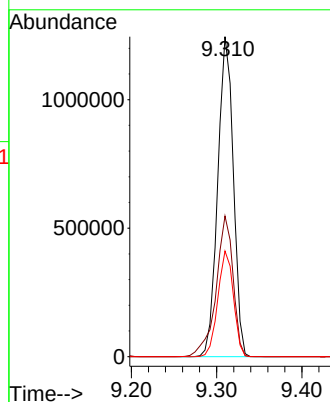
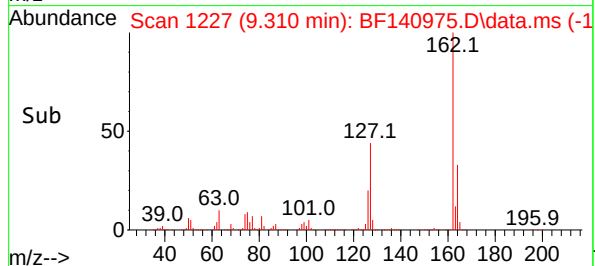
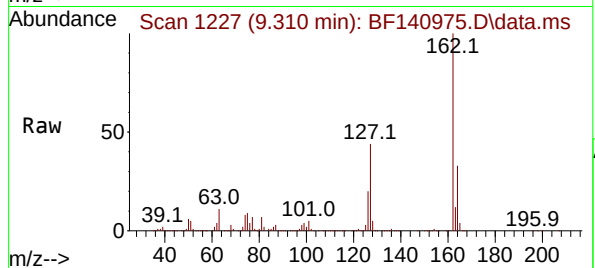
164 33.0 26.6 40.0

Manual Integrations

APPROVED

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

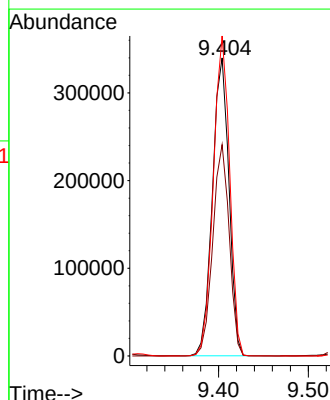
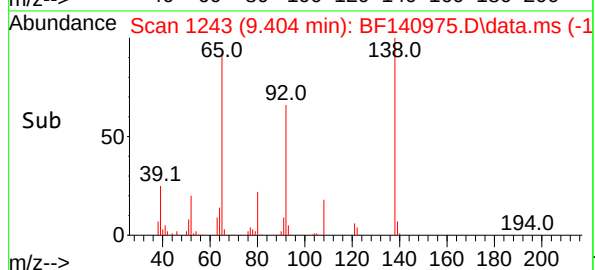
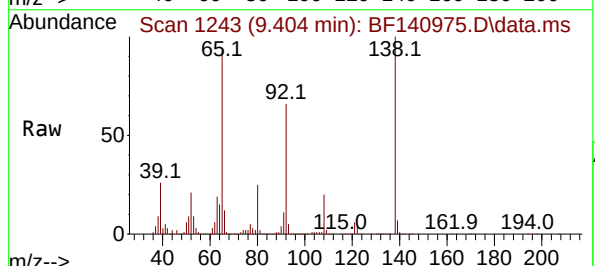
Tgt Ion: 65 Resp: 434235

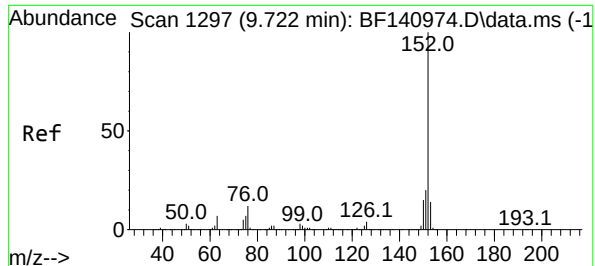
Ion Ratio Lower Upper

65 100

92 70.9 55.6 83.4

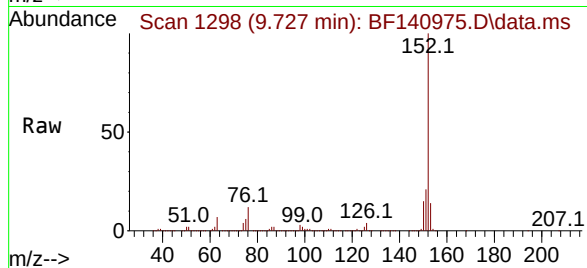
138 107.4 80.5 120.7





#49
Acenaphthylene
Concen: 47.341 ng
RT: 9.727 min Scan# 1298
Delta R.T. 0.005 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

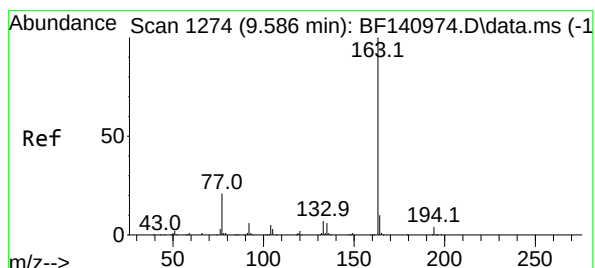
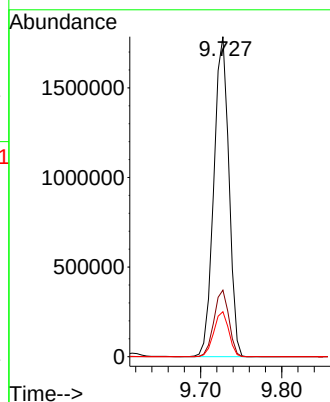
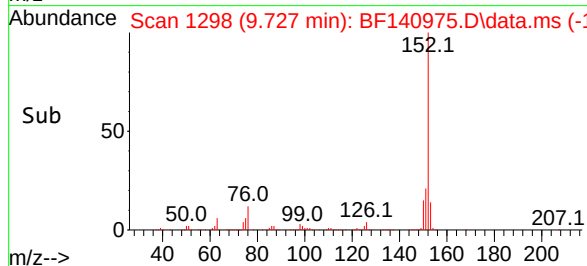
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

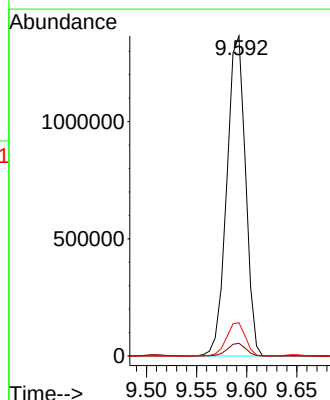
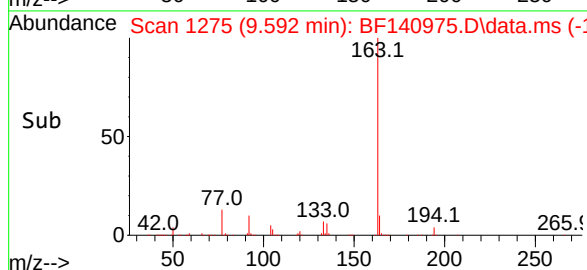
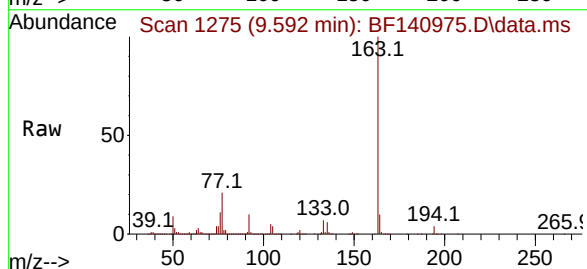
Manual Integrations
APPROVED

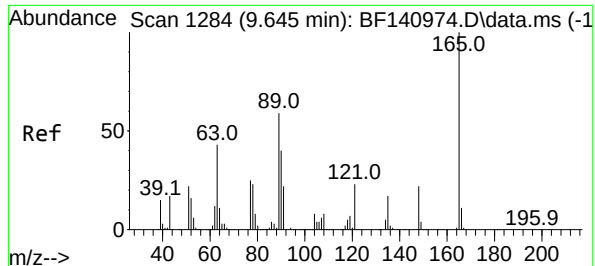
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

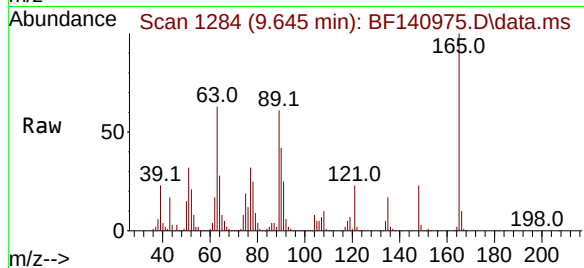
Tgt Ion:163 Resp: 1771217
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.3 12.5





#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

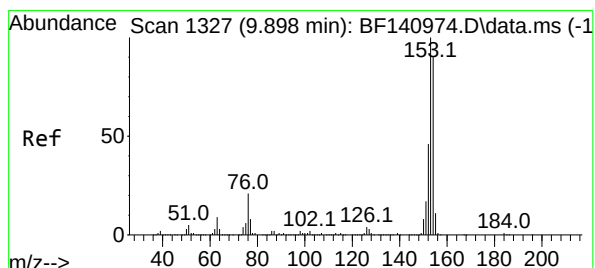
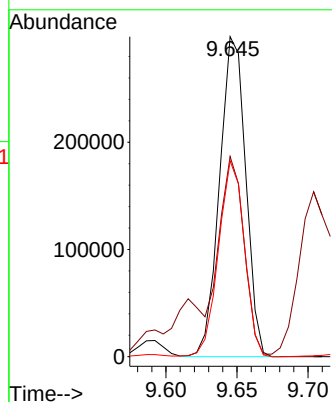
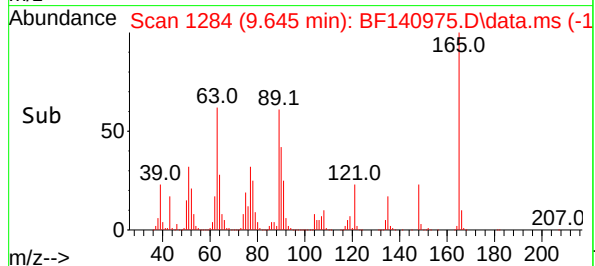
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

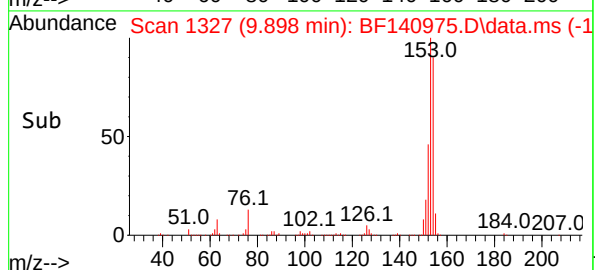
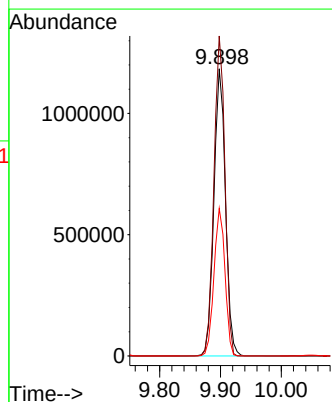
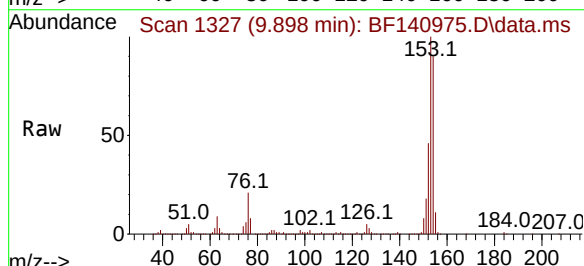
Manual Integrations
APPROVED

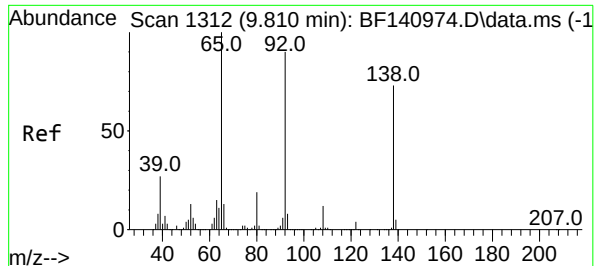
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

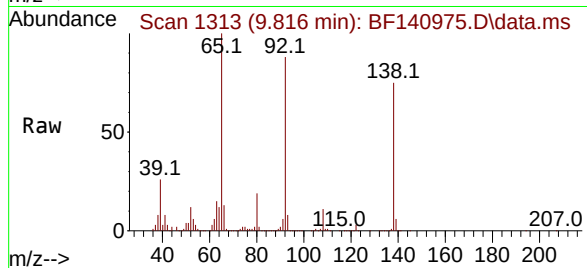
Tgt Ion:154 Resp: 1557911
Ion Ratio Lower Upper
154 100
153 111.4 89.2 133.8
152 51.4 40.9 61.3





#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

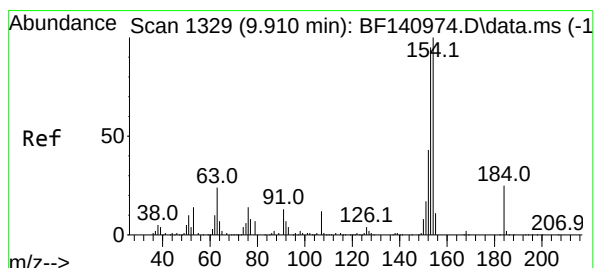
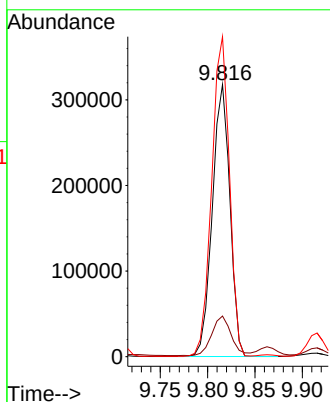
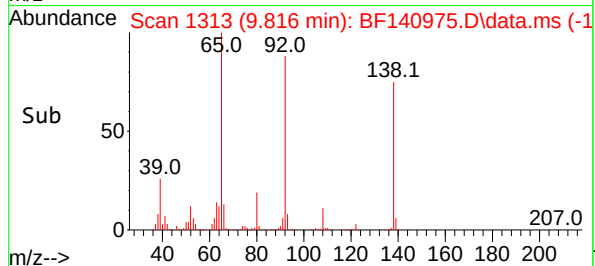
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

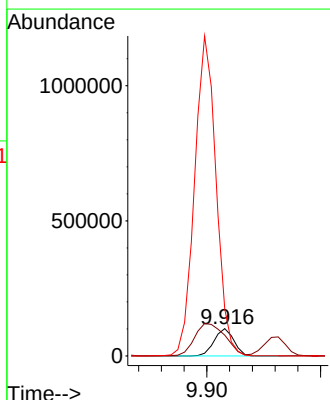
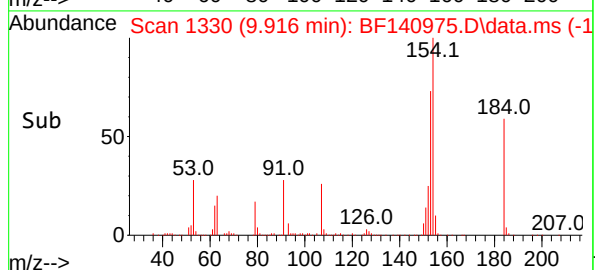
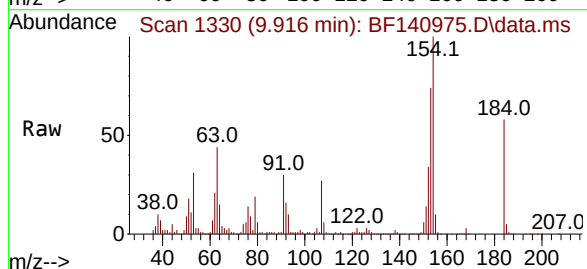
Manual Integrations
APPROVED

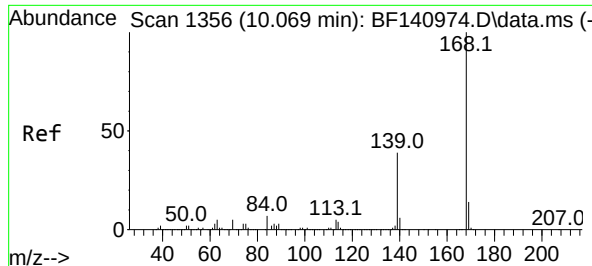
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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: 2165079

Ion Ratio Lower Upper

168 100

139 39.8 31.6 47.4

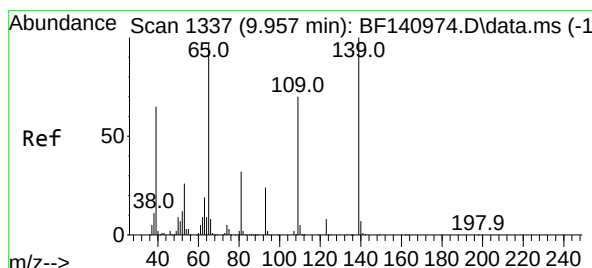
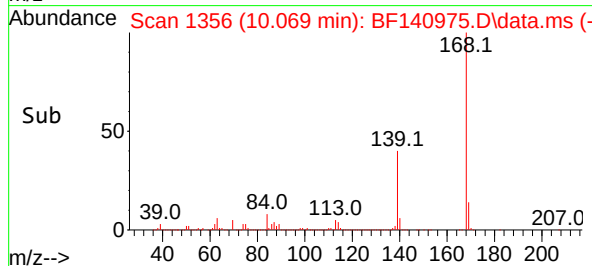
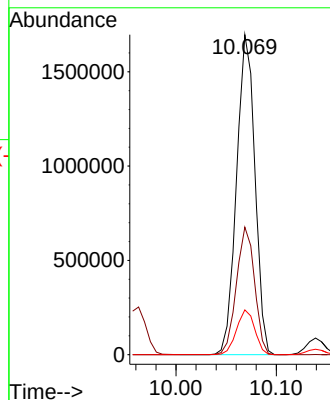
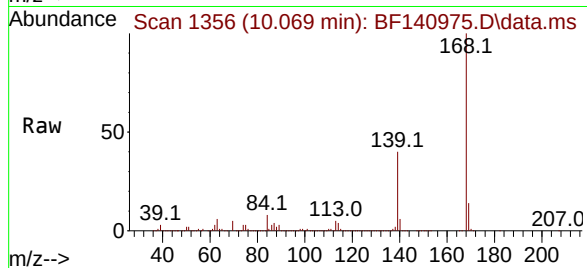
169 14.0 11.0 16.6

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

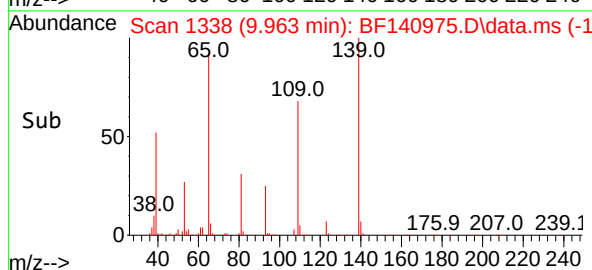
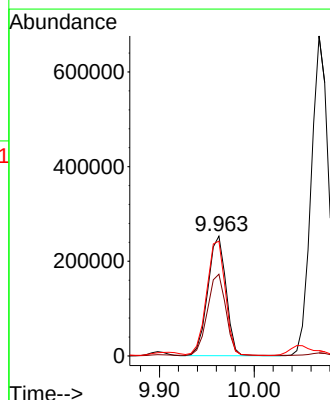
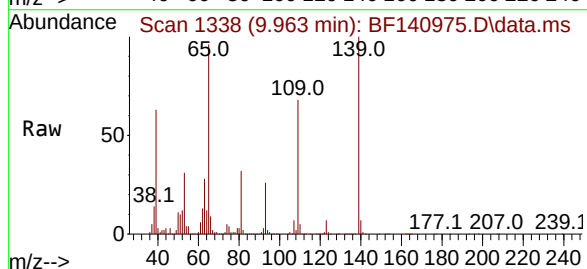
Tgt Ion:139 Resp: 337300

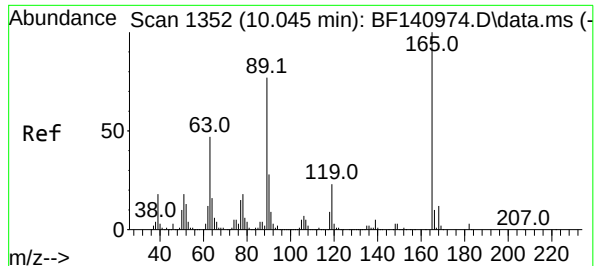
Ion Ratio Lower Upper

139 100

109 68.3 50.8 90.8

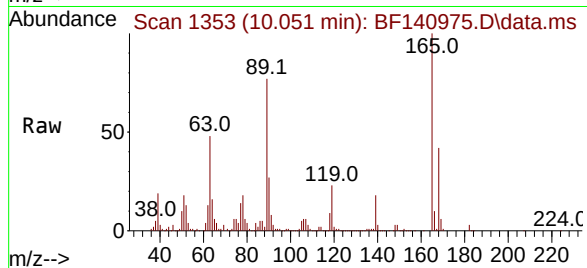
65 95.9 78.5 118.5





#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

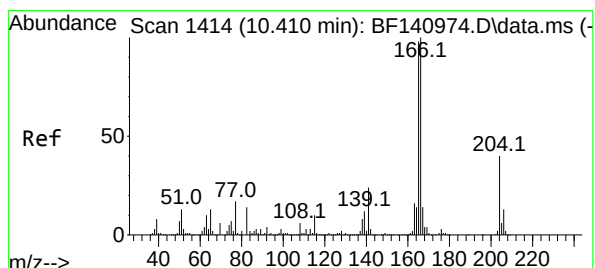
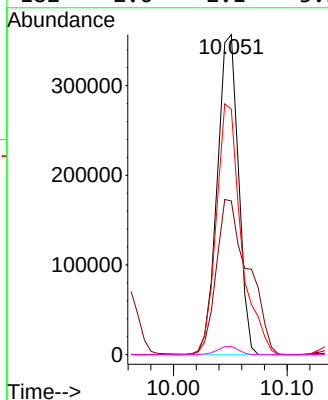
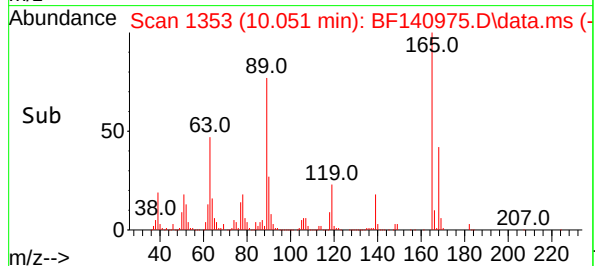
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

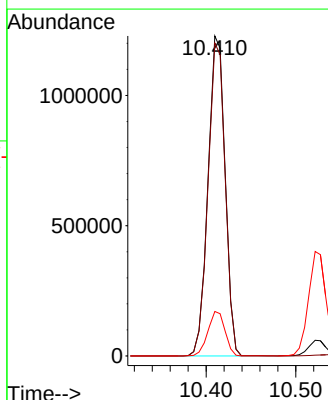
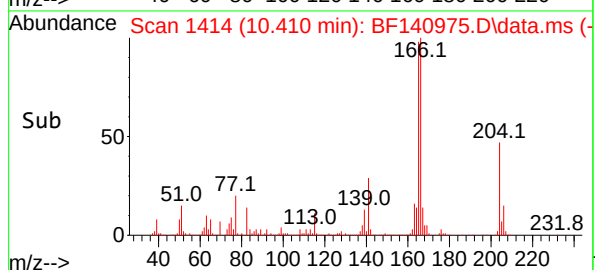
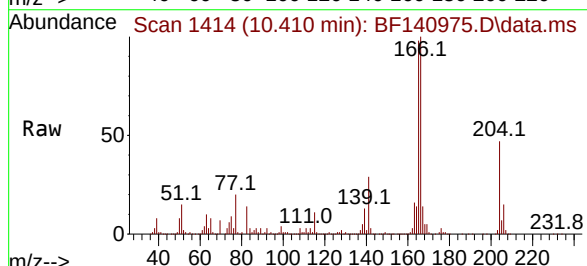
Manual Integrations
APPROVED

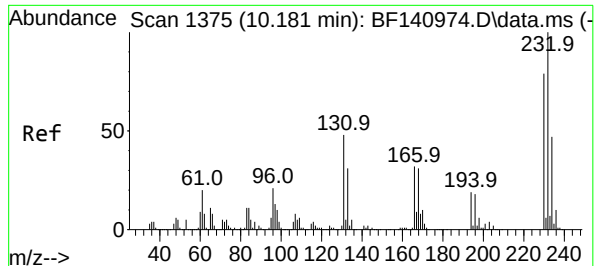
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

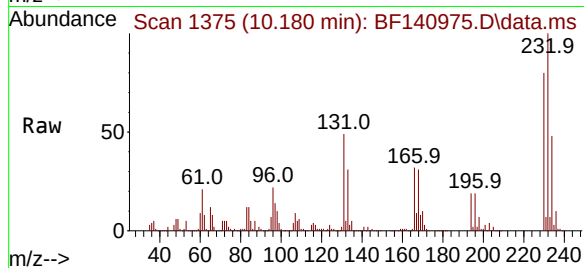
Tgt Ion:166 Resp: 1628964
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.9 10.9 16.3





#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

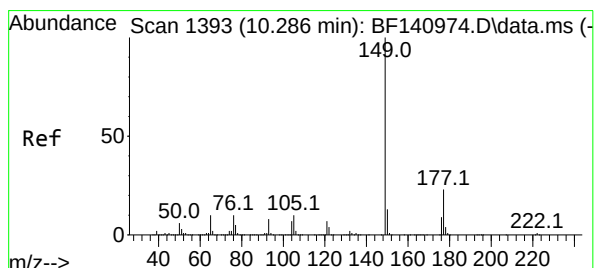
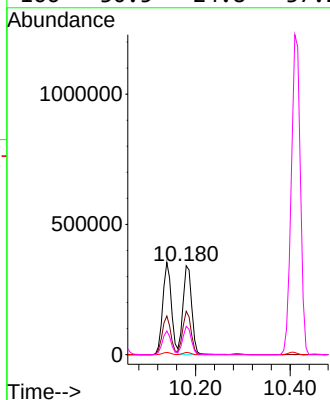
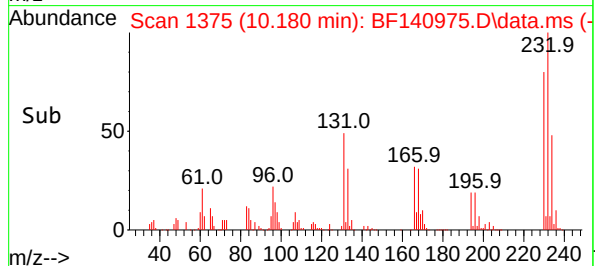
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

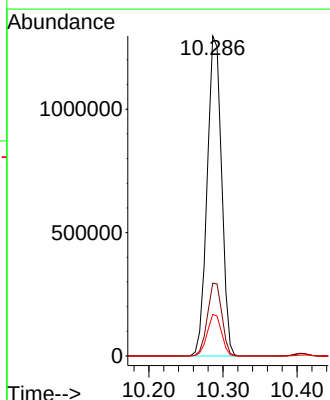
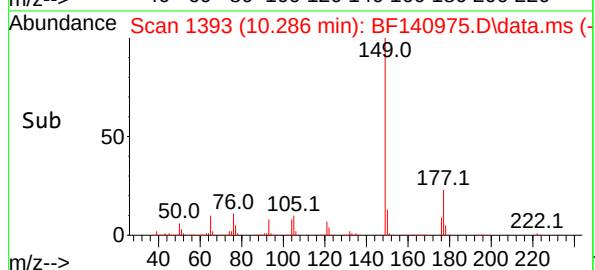
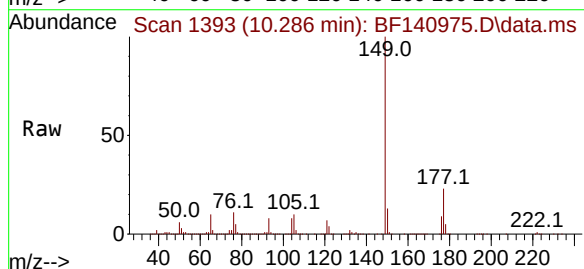
Manual Integrations
APPROVED

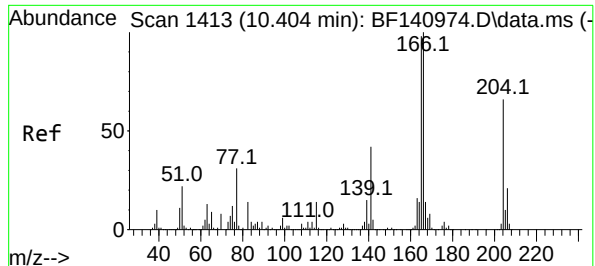
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

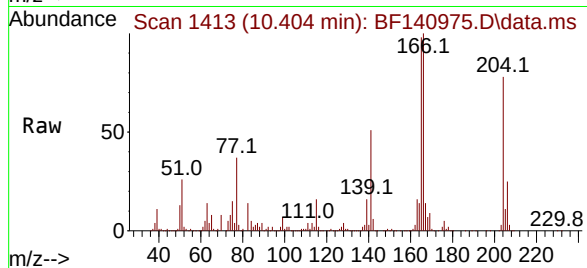
Tgt Ion:149 Resp: 1748454
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 13.0 10.4 15.6





#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

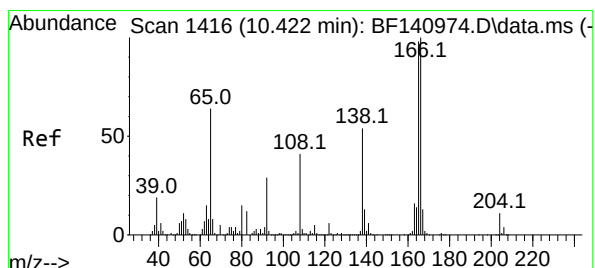
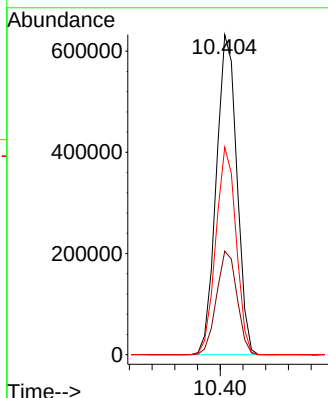
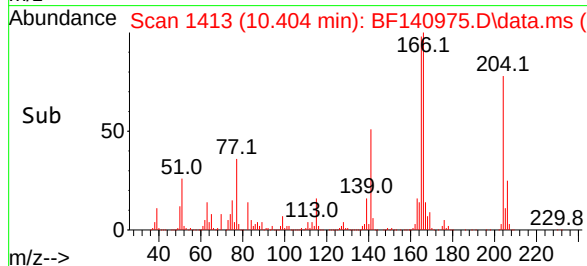
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



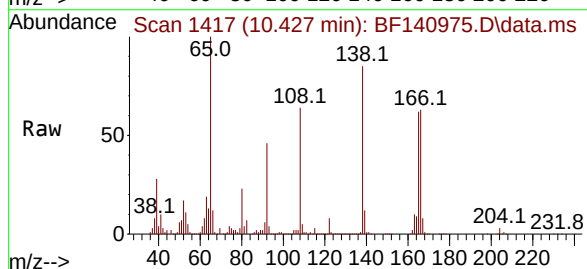
Tgt Ion:204 Resp: 796072
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 64.9 51.2 76.8

Manual Integrations
APPROVED

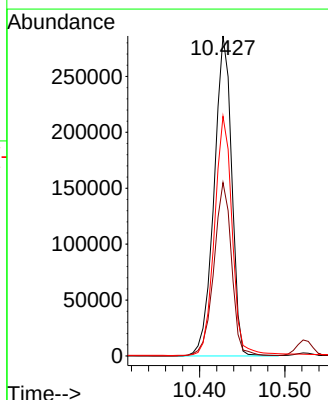
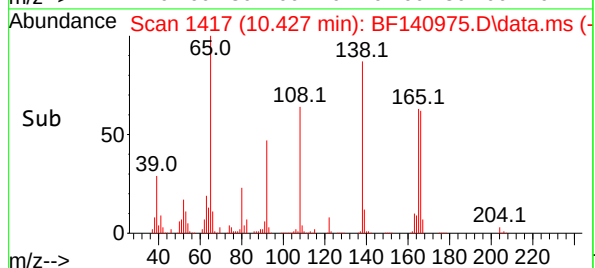
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

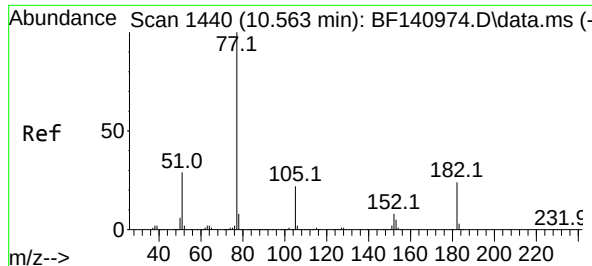


#62
4-Nitroaniline
Concen: 49.614 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33



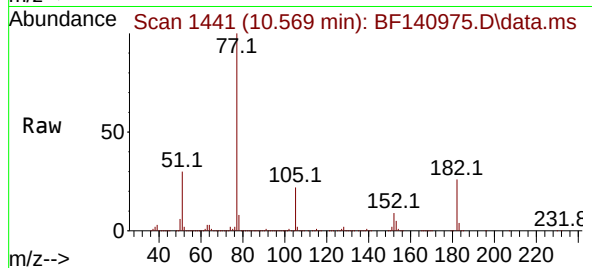
Tgt Ion:138 Resp: 412091
Ion Ratio Lower Upper
138 100
92 54.2 34.8 74.8
108 74.9 55.9 95.9





#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

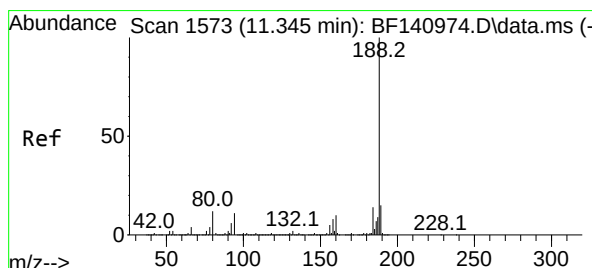
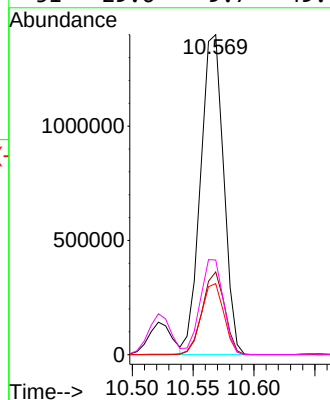
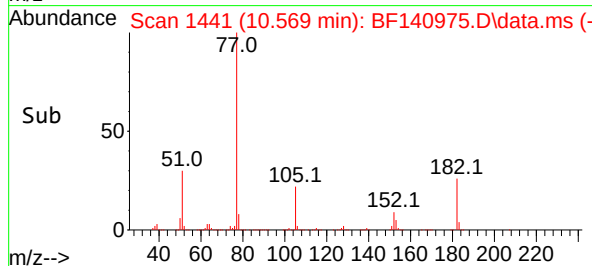
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

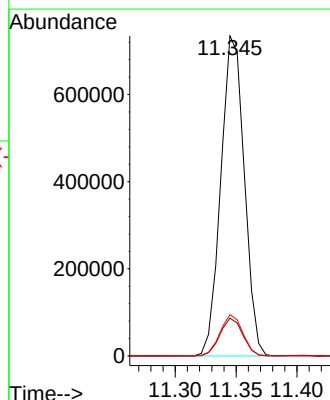
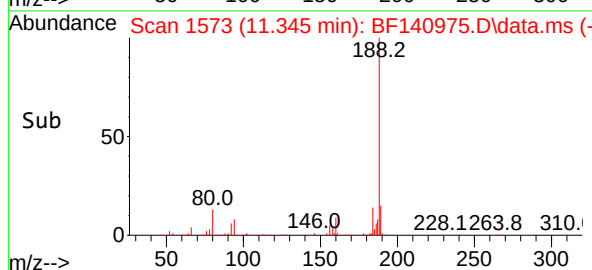
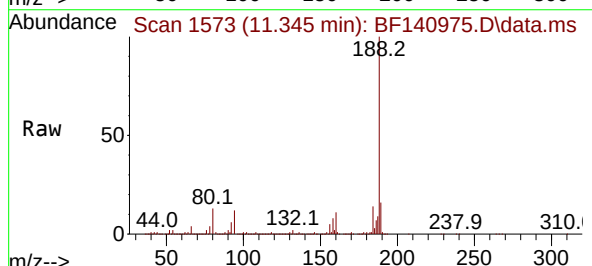
Manual Integrations
APPROVED

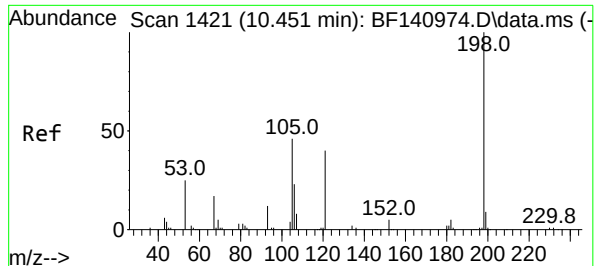
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: 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





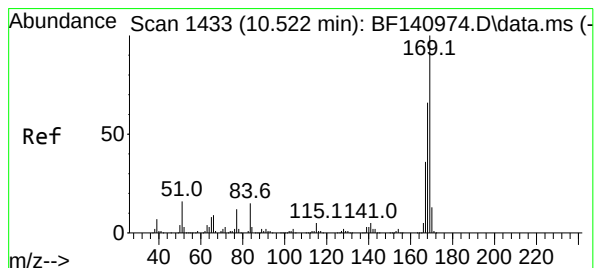
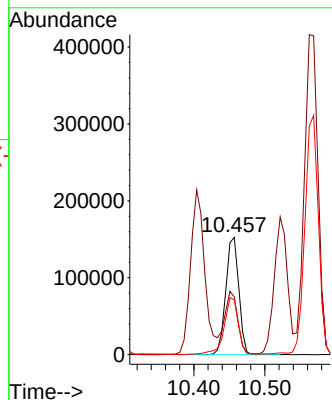
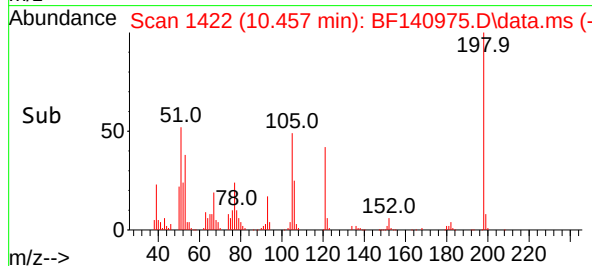
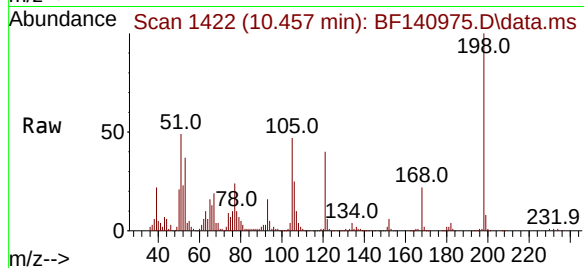
#65
4,6-Dinitro-2-methylphenol
Concen: 48.976 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

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

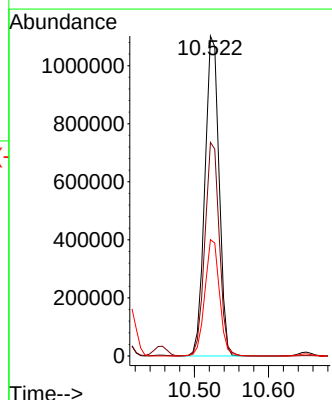
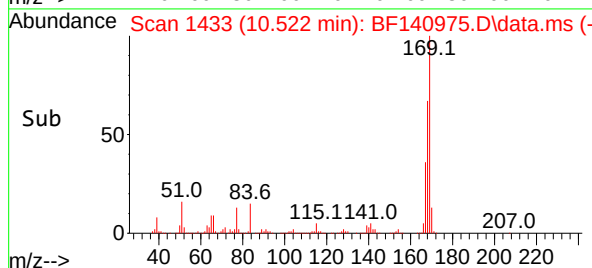
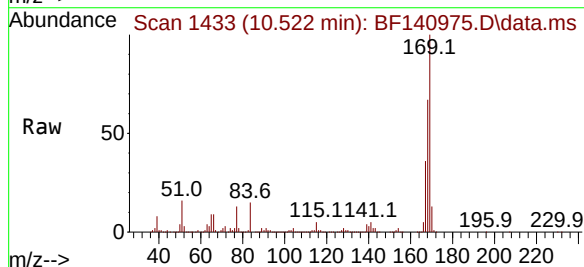
Manual Integrations
APPROVED

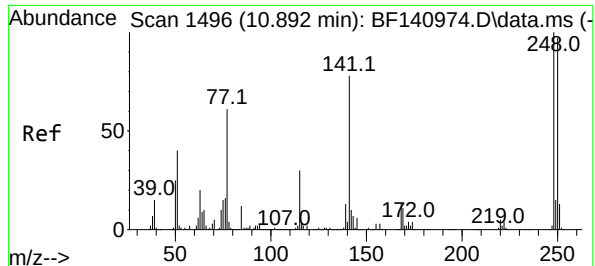
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

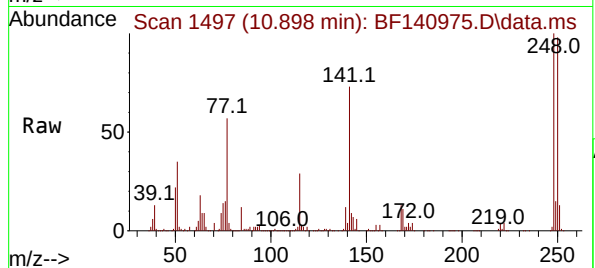
Tgt Ion:169 Resp: 1463039
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.4 29.0 43.4





#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

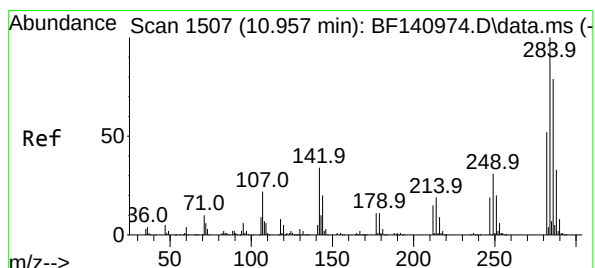
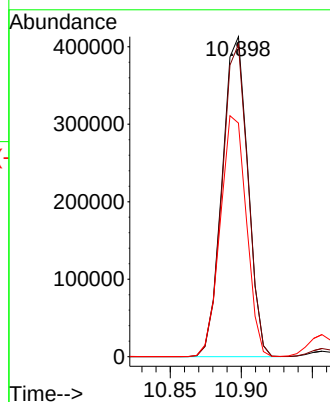
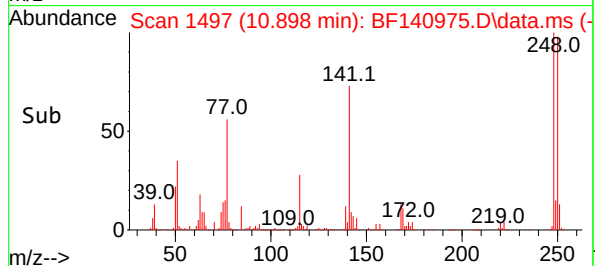
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

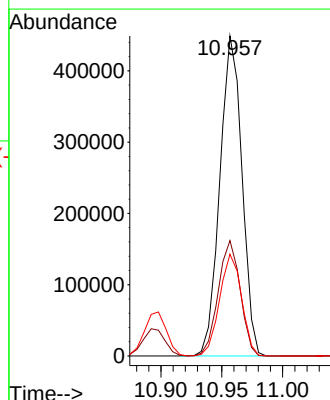
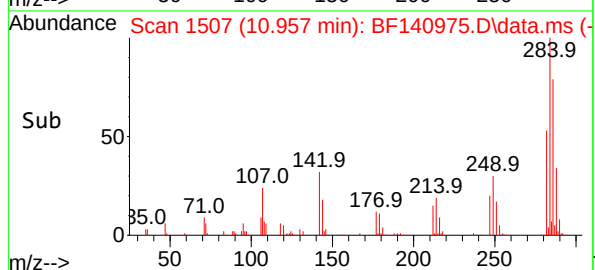
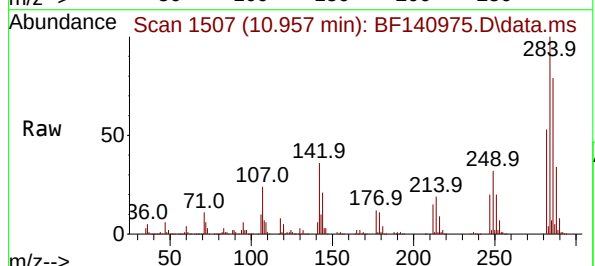
Manual Integrations
APPROVED

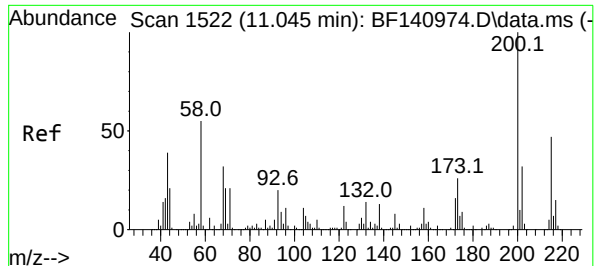
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

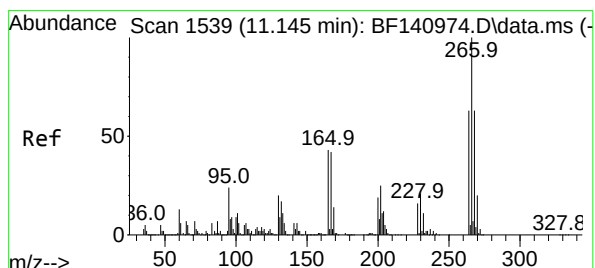
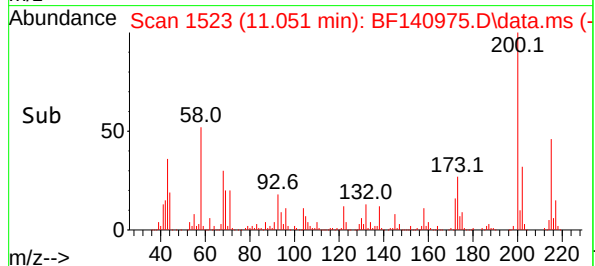
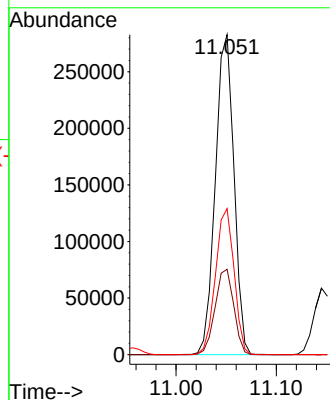
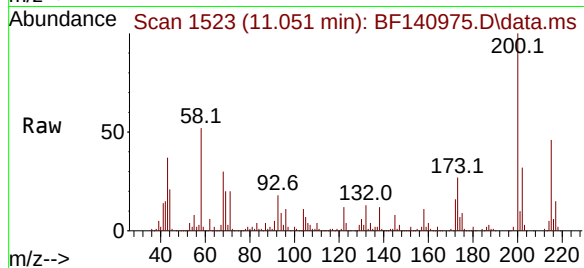
215 45.6 27.2 67.2

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

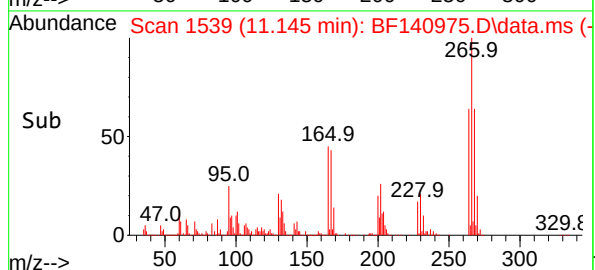
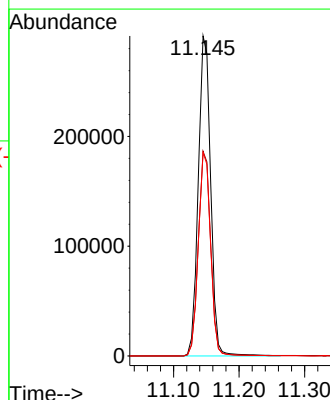
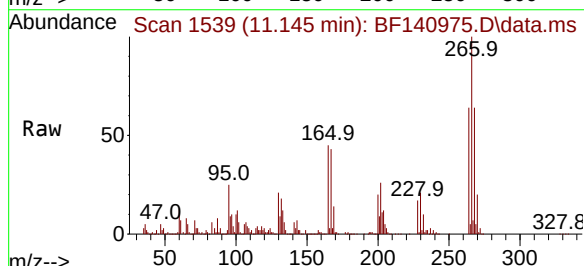
Tgt Ion:266 Resp: 383398

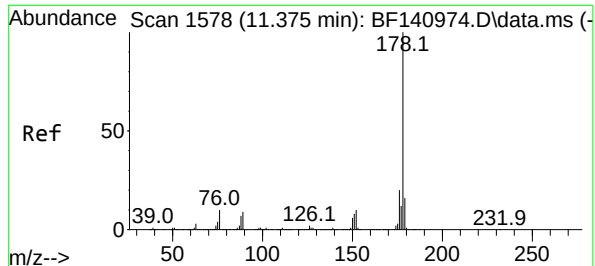
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.6 50.2 75.4





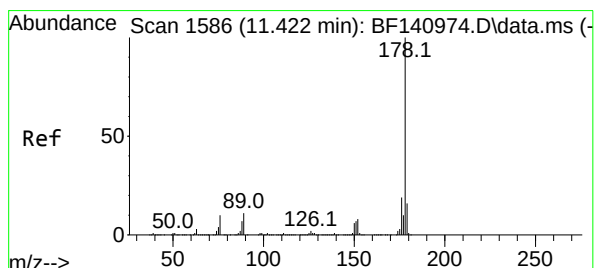
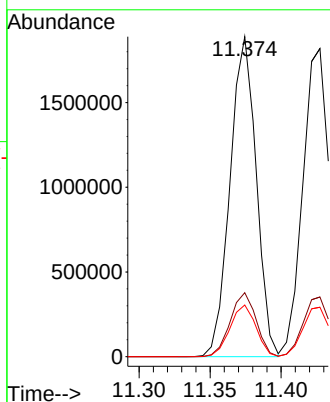
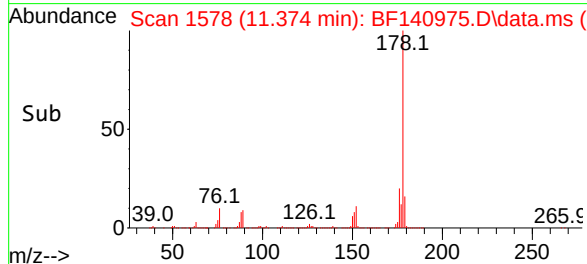
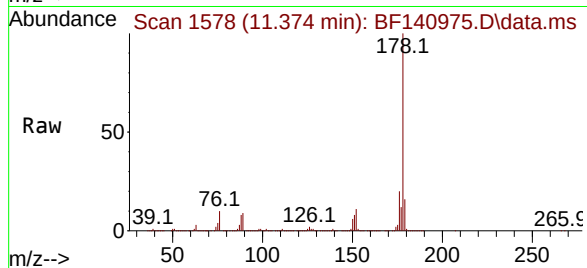
#71
Phenanthrene
Concen: 46.658 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

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

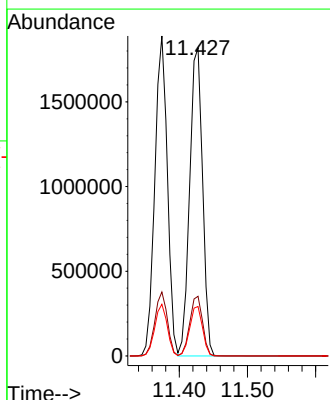
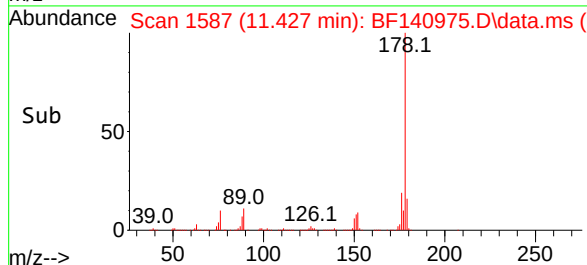
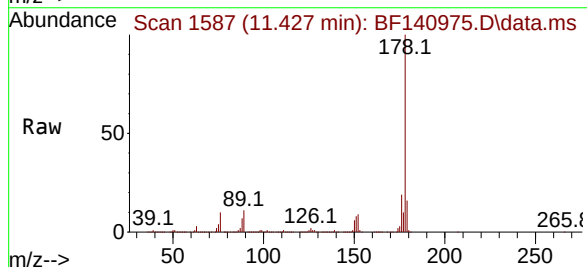
Manual Integrations
APPROVED

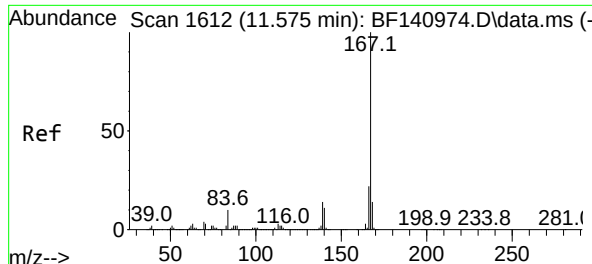
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

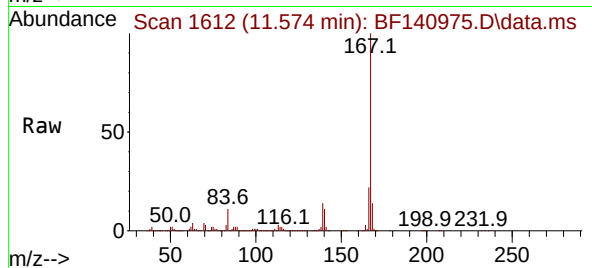
Tgt Ion:178 Resp: 2370103
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.0 12.9 19.3





#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

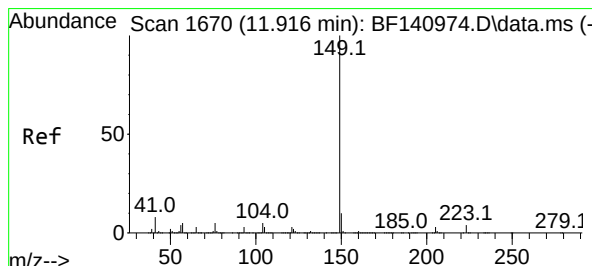
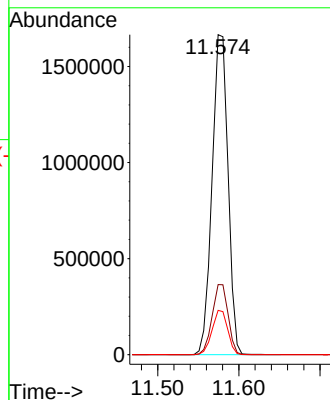
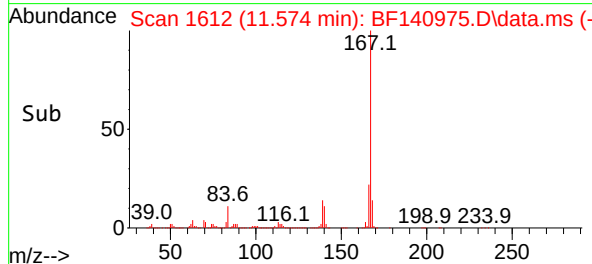
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

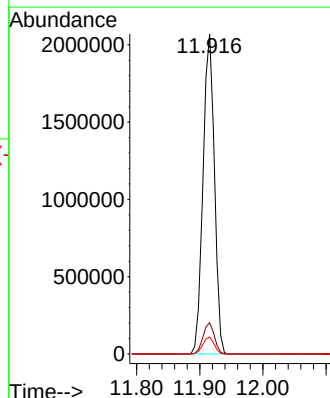
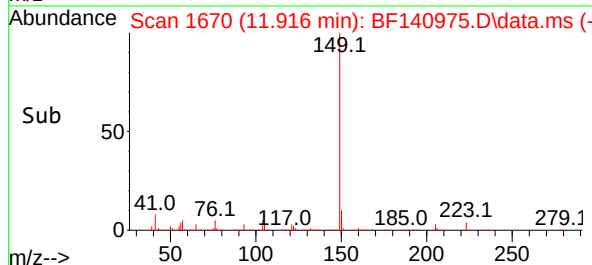
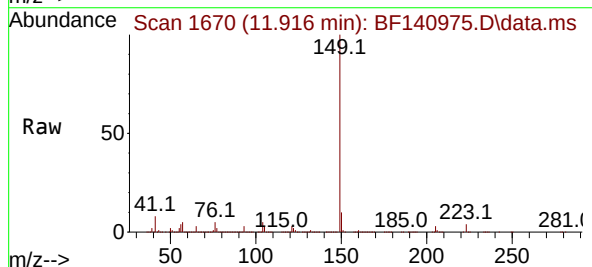
Manual Integrations
APPROVED

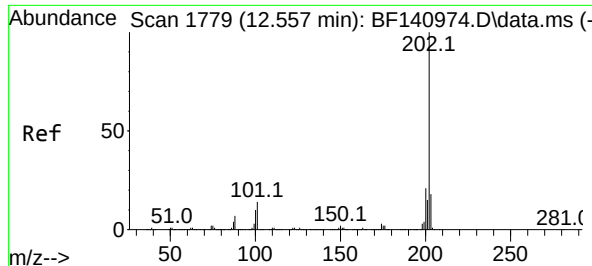
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

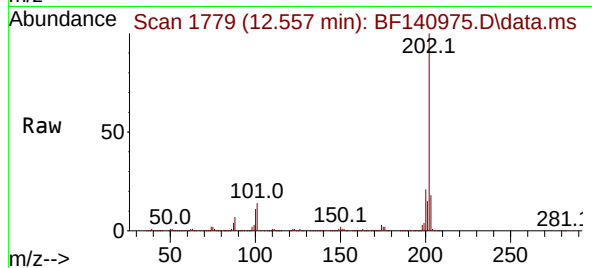
Tgt Ion:149 Resp: 2595020
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 5.3 4.1 6.1





#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

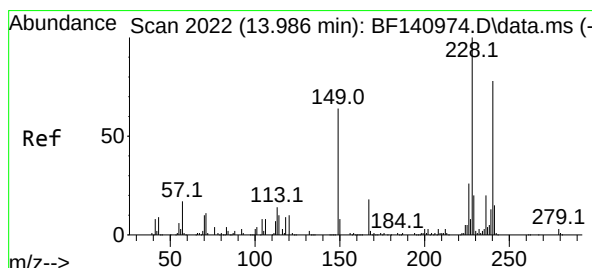
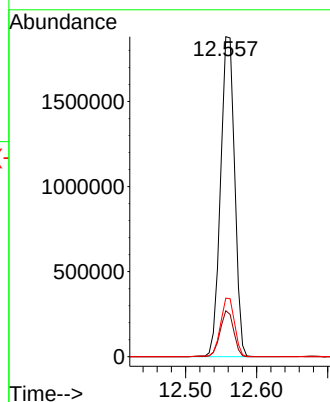
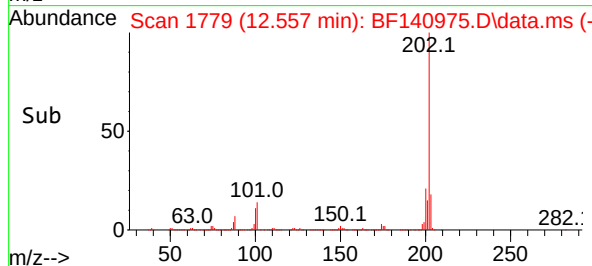
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

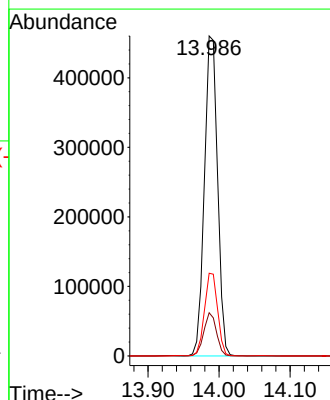
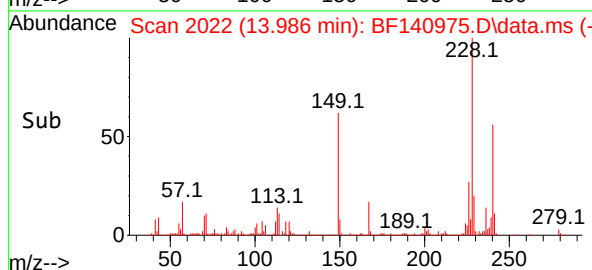
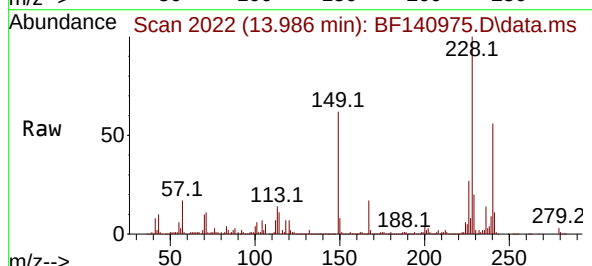
Manual Integrations
APPROVED

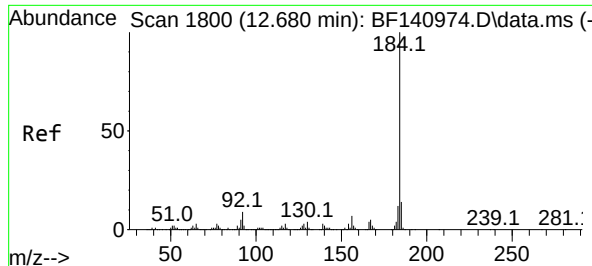
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

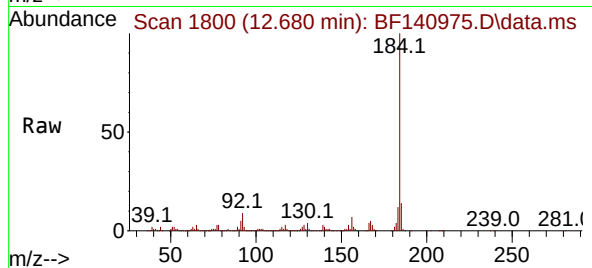
Tgt Ion:240 Resp: 594739
Ion Ratio Lower Upper
240 100
120 13.5 10.7 16.1
236 25.8 20.6 31.0





#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

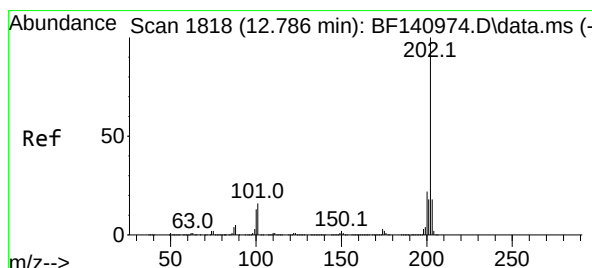
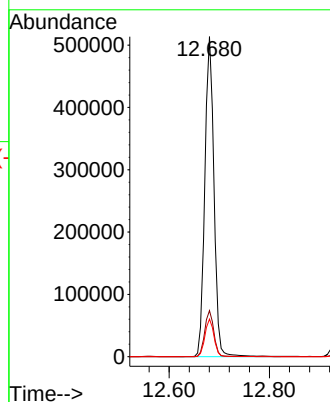
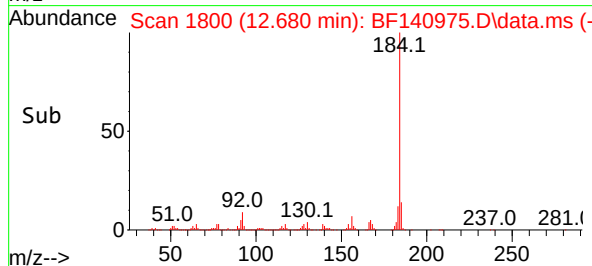
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

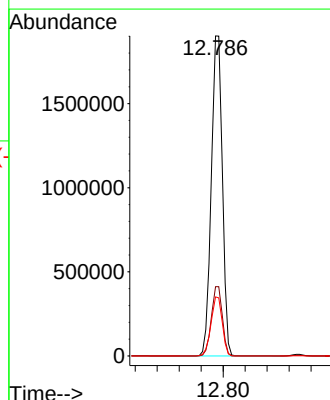
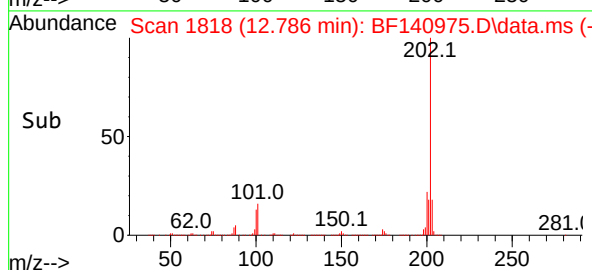
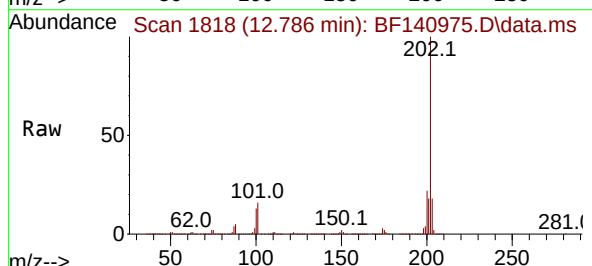
Manual Integrations
APPROVED

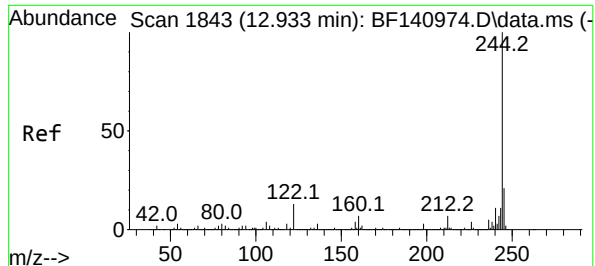
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

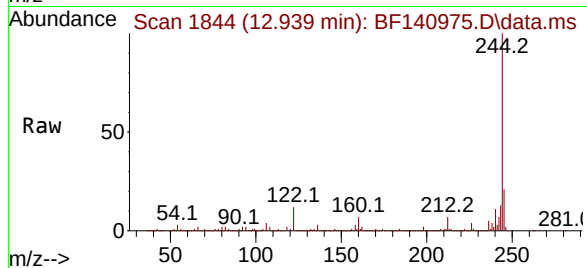
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:244 Resp: 3551774

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

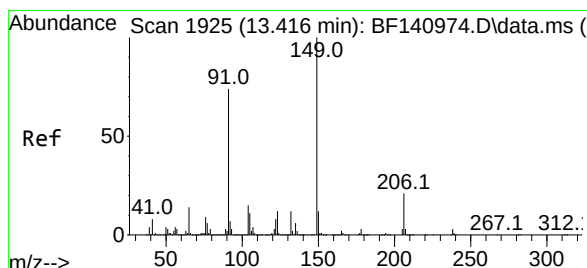
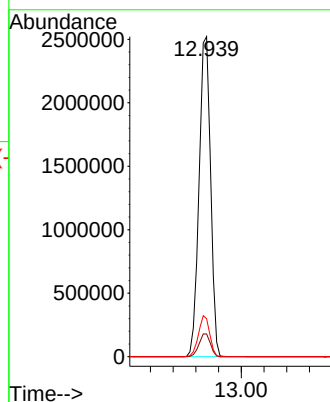
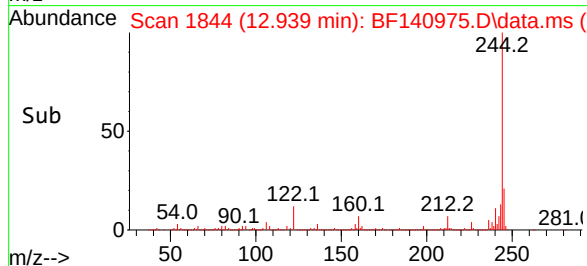
122 11.9 10.2 15.2

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

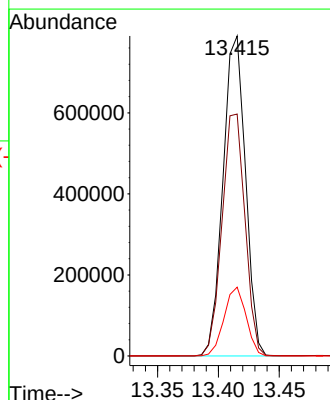
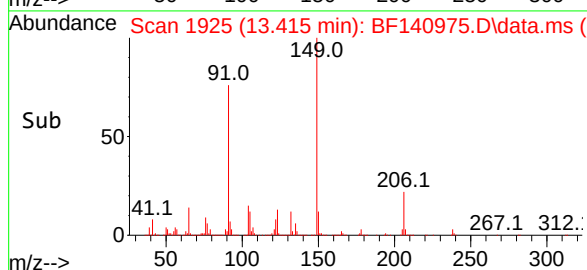
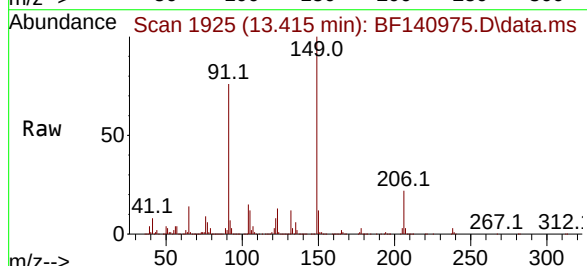
Tgt Ion:149 Resp: 1016502

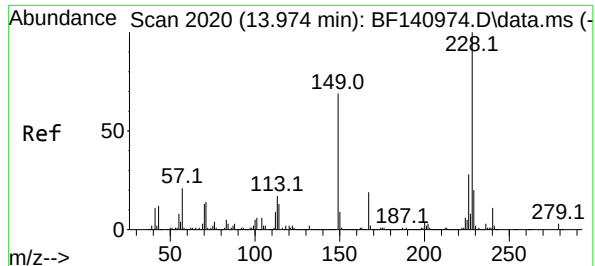
Ion Ratio Lower Upper

149 100

91 75.6 59.5 89.3

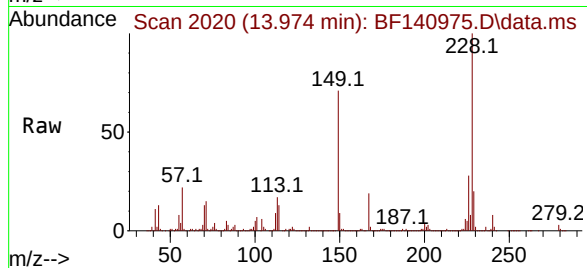
206 21.5 17.1 25.7





#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

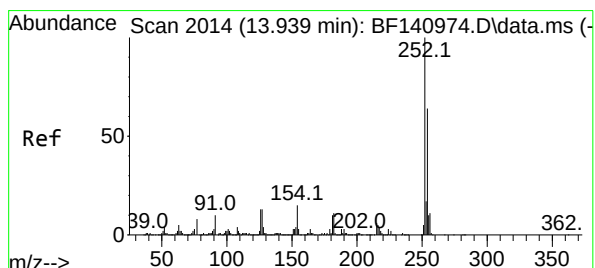
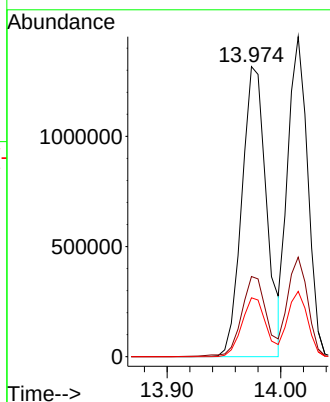
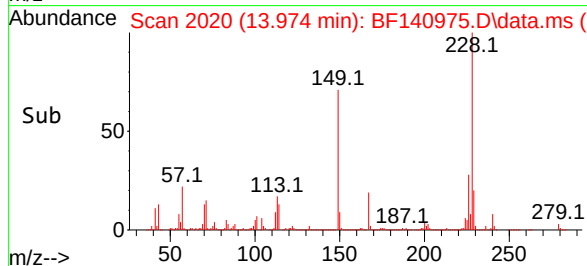
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

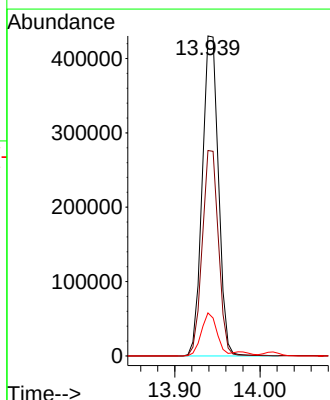
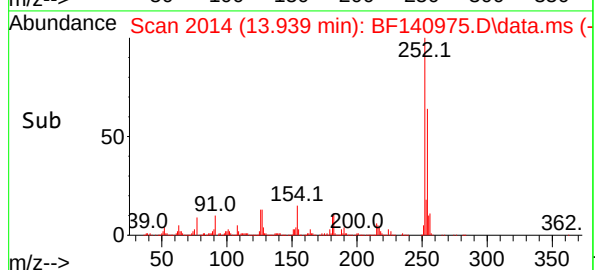
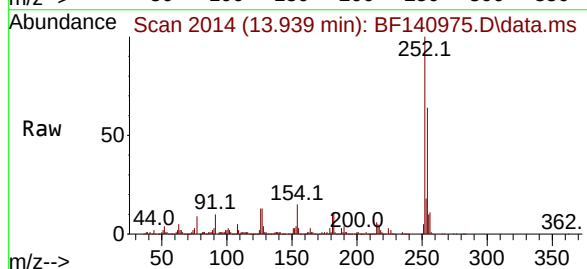
Manual Integrations
APPROVED

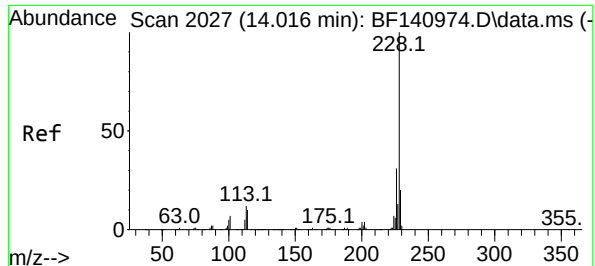
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

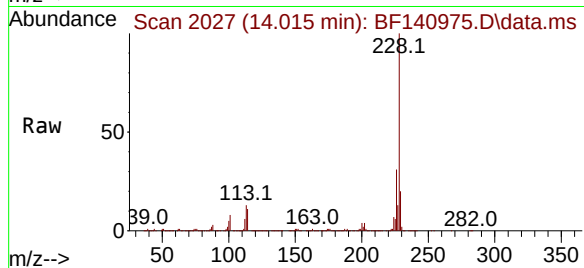
Tgt Ion:252 Resp: 568561
Ion Ratio Lower Upper
252 100
254 64.2 51.5 77.3
126 13.4 10.3 15.5





#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

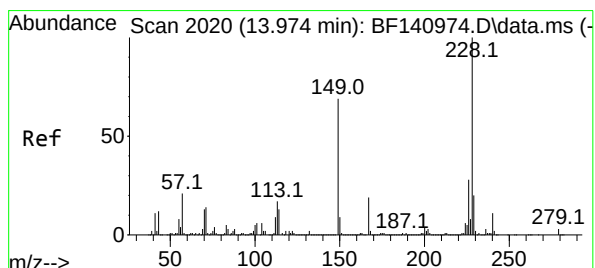
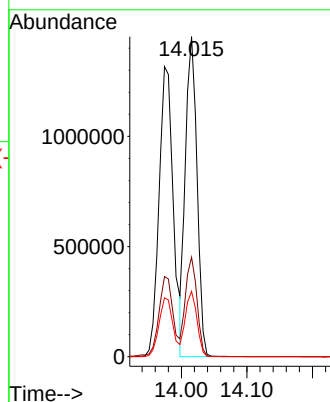
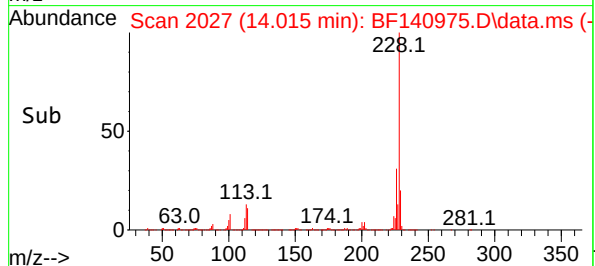
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

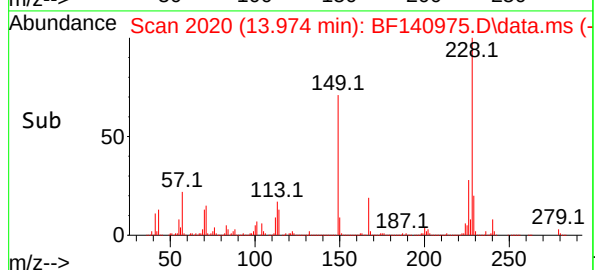
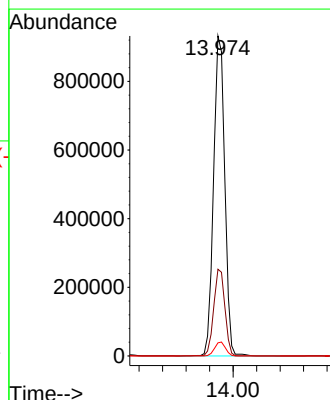
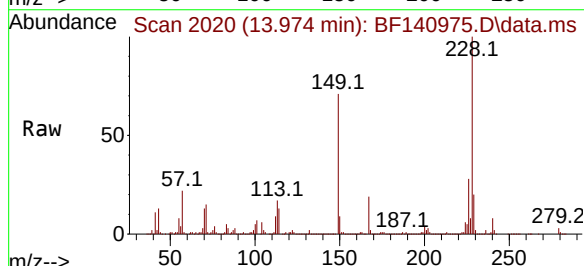
Manual Integrations
APPROVED

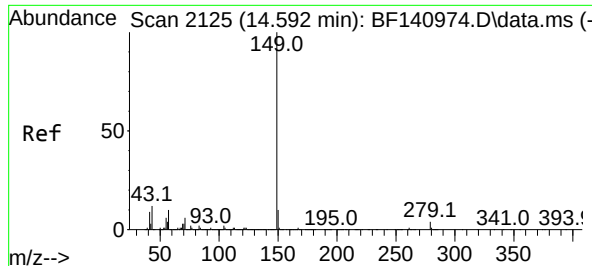
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

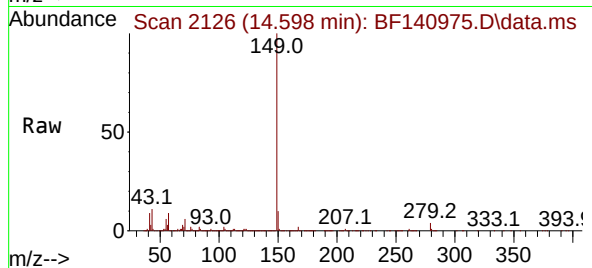
Tgt Ion:149 Resp: 1230112
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.1 3.2 4.8





#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

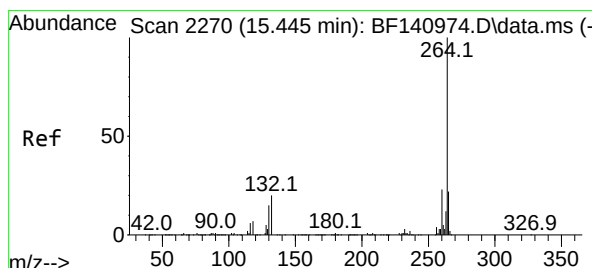
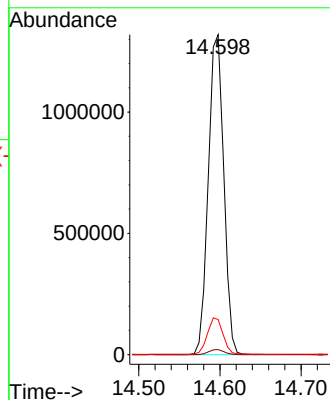
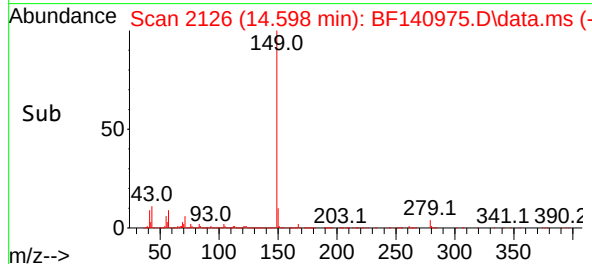
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



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

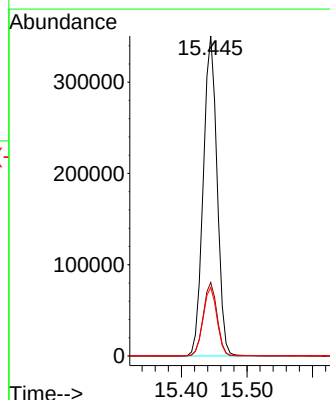
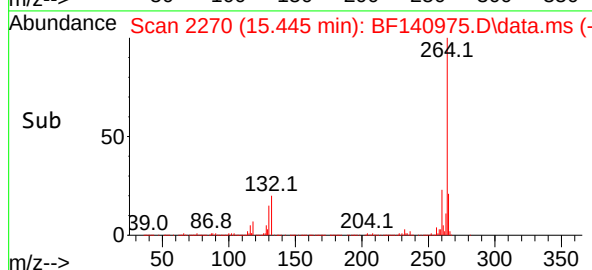
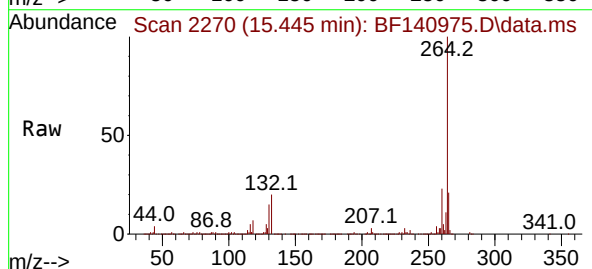
Manual Integrations
APPROVED

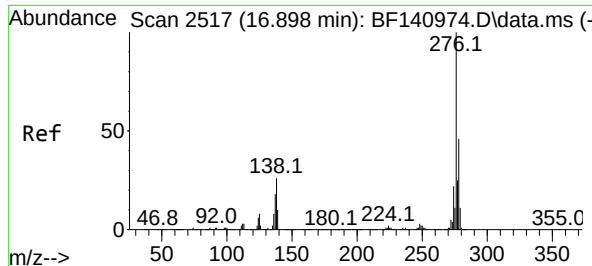
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





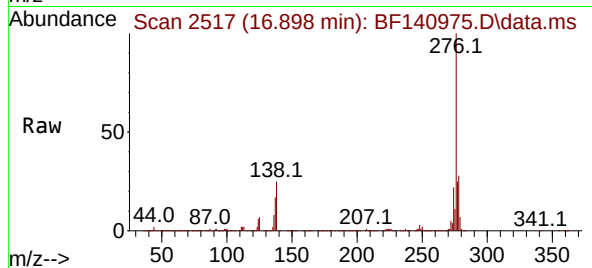
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.447 ng
RT: 16.898 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BF140975.D
Acq: 26 Dec 2024 18:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

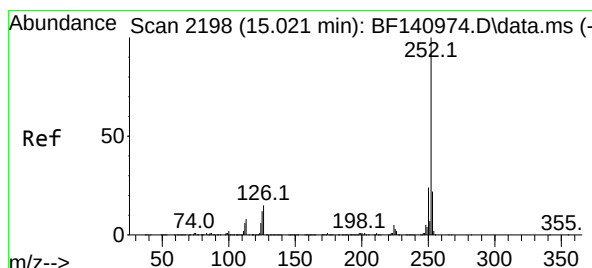
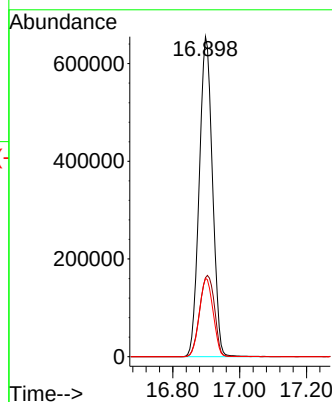
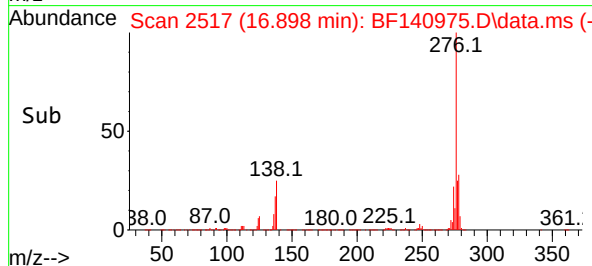


Tgt Ion:276 Resp: 1799974
Ion Ratio Lower Upper
276 100
138 28.6 23.1 34.7
277 25.5 20.4 30.6

Manual Integrations

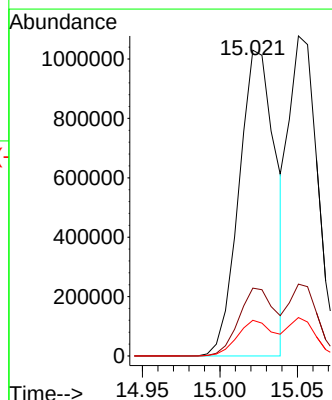
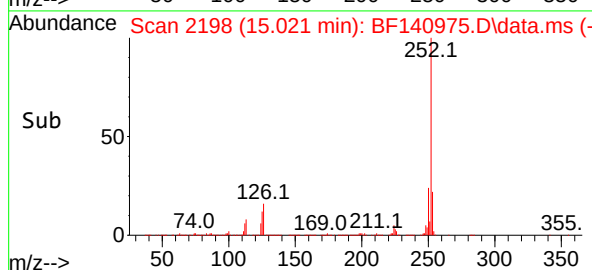
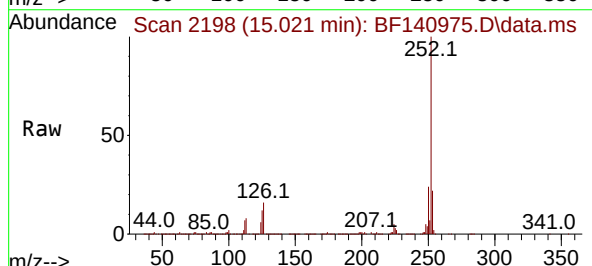
APPROVED

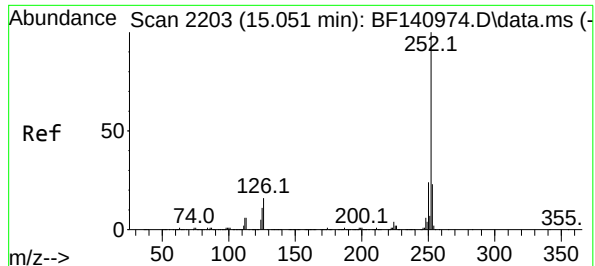
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

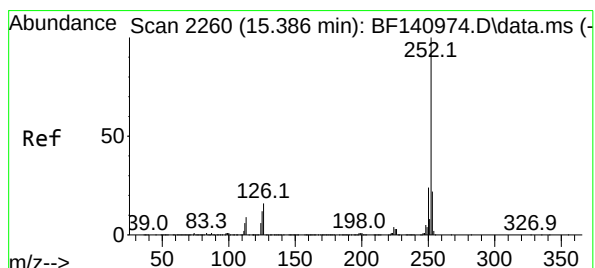
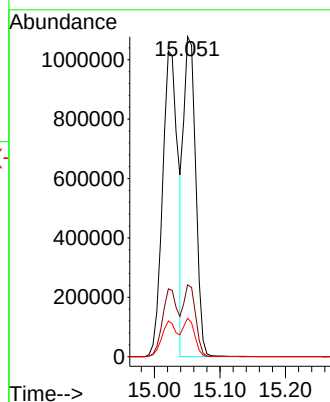
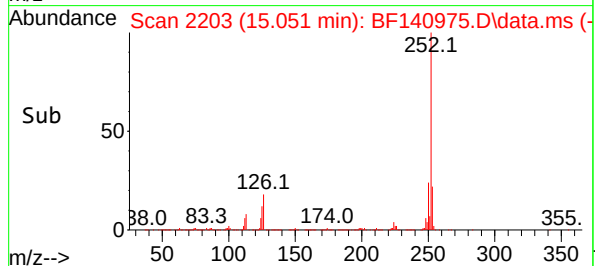
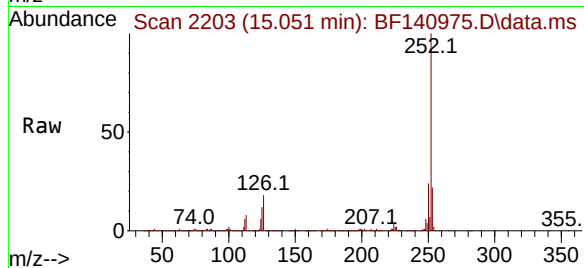
125 12.0 9.4 14.0

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

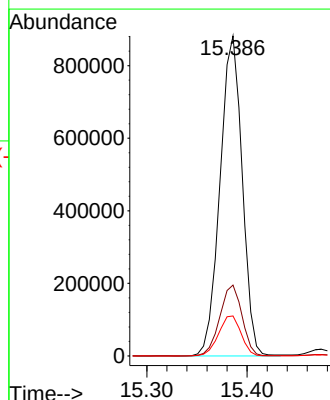
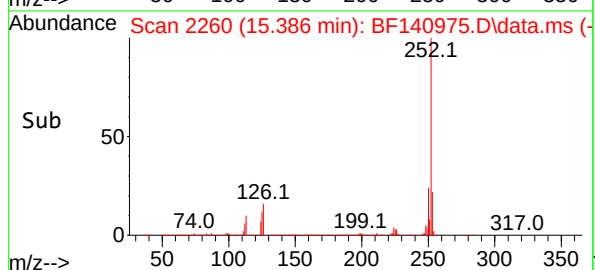
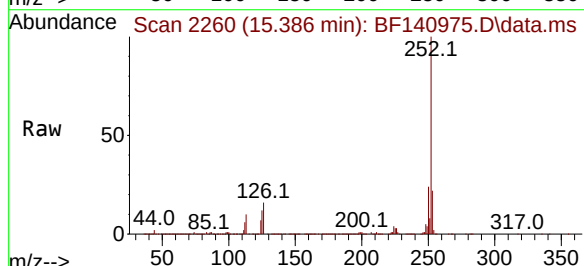
Tgt Ion:252 Resp: 1349208

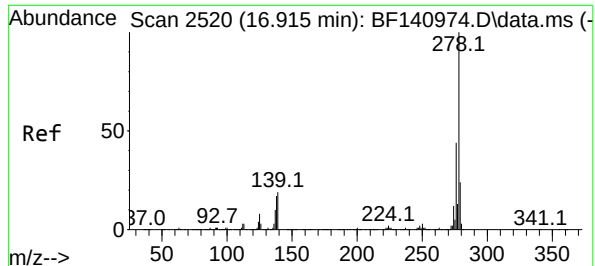
Ion Ratio Lower Upper

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

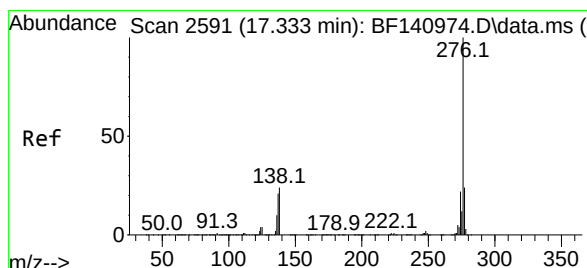
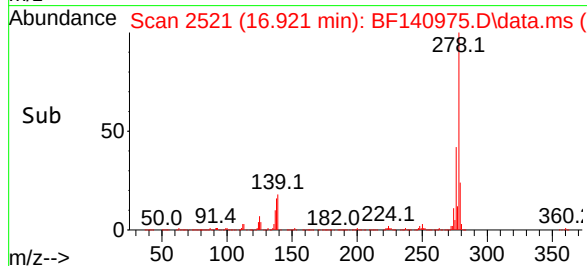
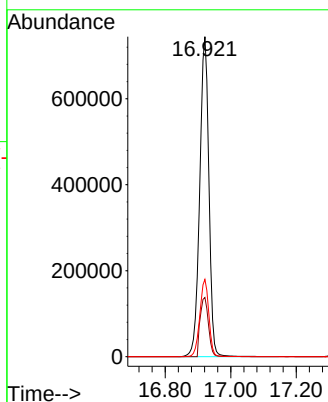
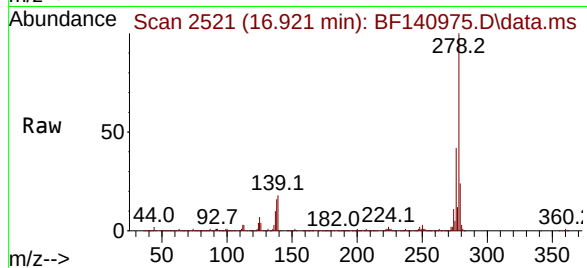
279 24.1 19.0 28.6

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

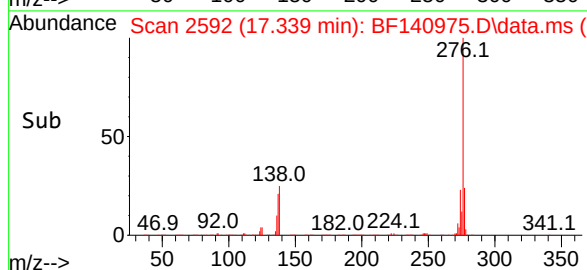
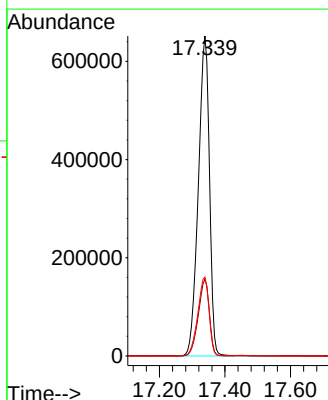
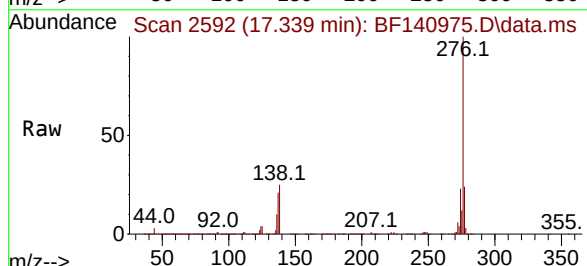
Tgt Ion:276 Resp: 1537634

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						
						Qvalue
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

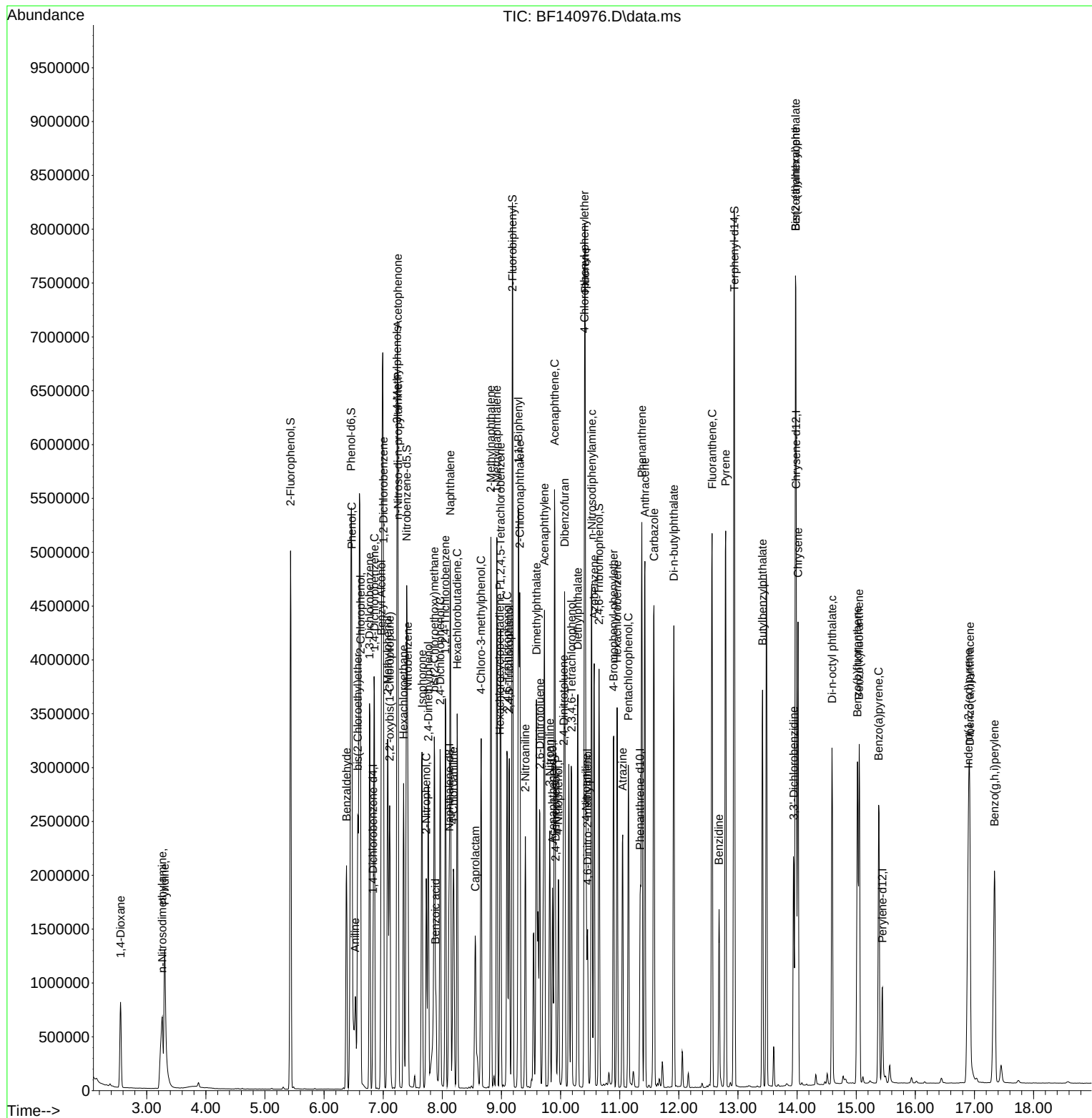
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	597336	58.429	ng	99
46) 1,1'-Biphenyl	9.286	154	2302280	55.102	ng	99
47) 2-Chloronaphthalene	9.310	162	1807450	55.777	ng	99
48) 2-Nitroaniline	9.404	65	538159	61.984	ng	97
49) Acenaphthylene	9.728	152	2603514	55.811	ng	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

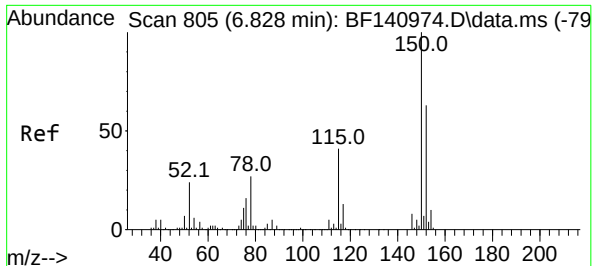
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

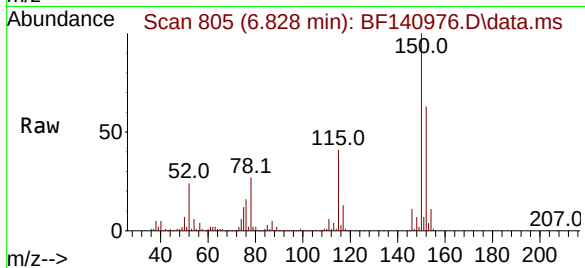
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

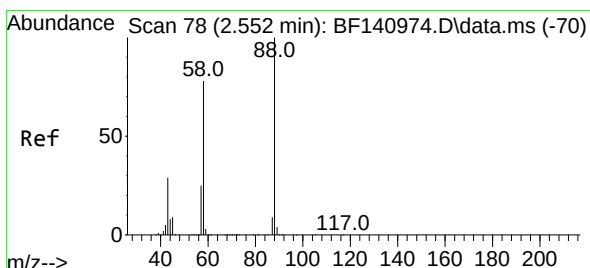
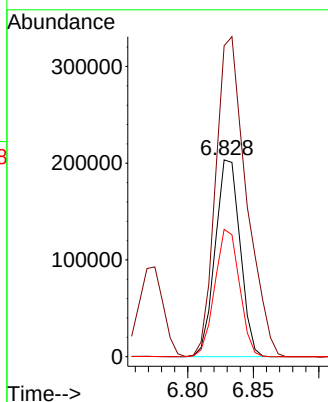
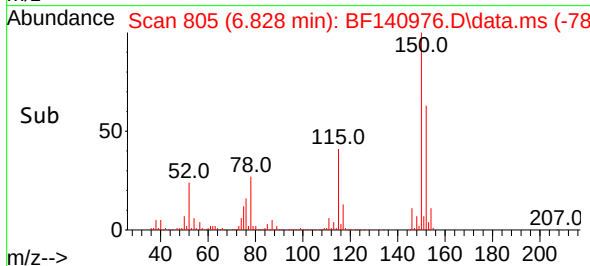
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

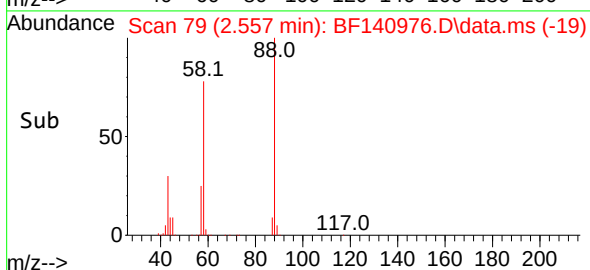
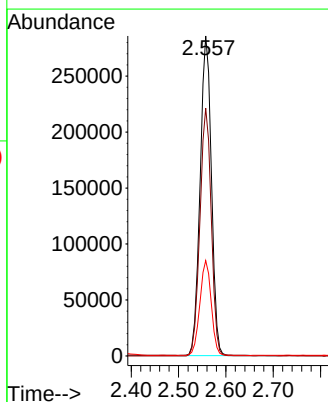
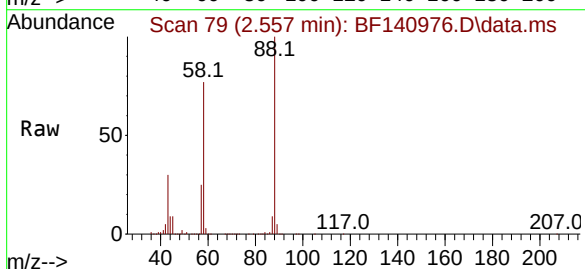
Manual Integrations
APPROVED

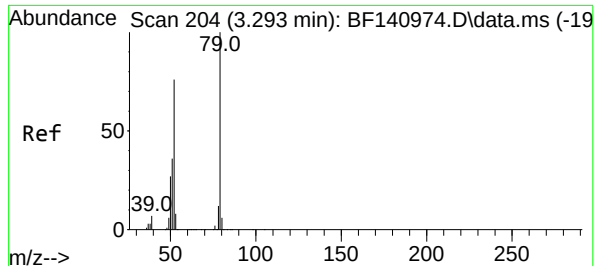
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

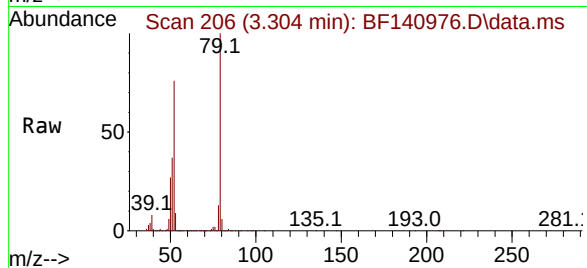
Tgt Ion: 88 Resp: 473973
Ion Ratio Lower Upper
88 100
58 77.7 63.0 94.4
43 29.8 23.4 35.2





#3
Pyridine
Concen: 56.070 ng
RT: 3.304 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

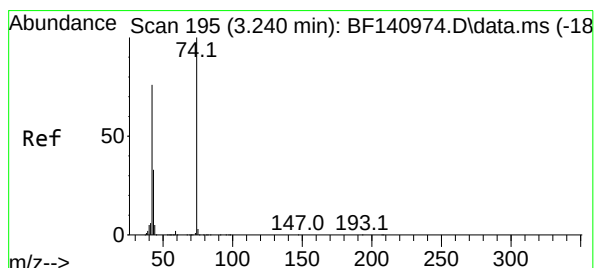
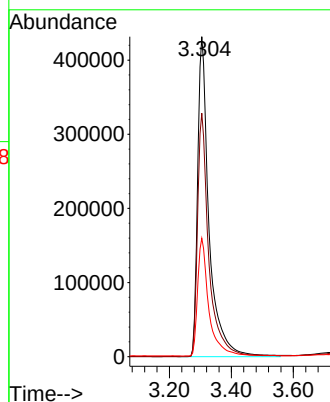
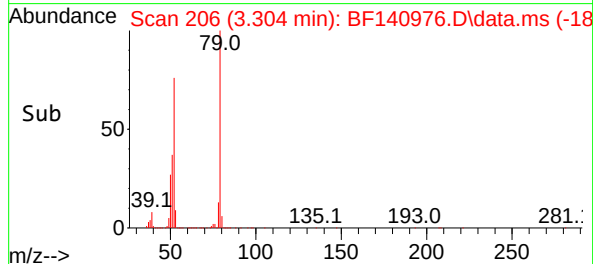
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

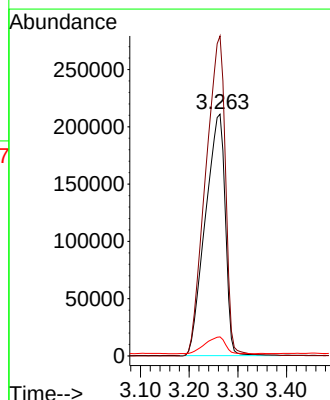
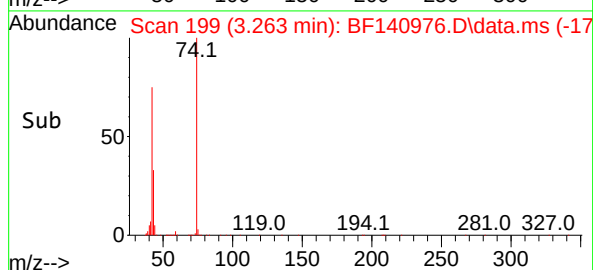
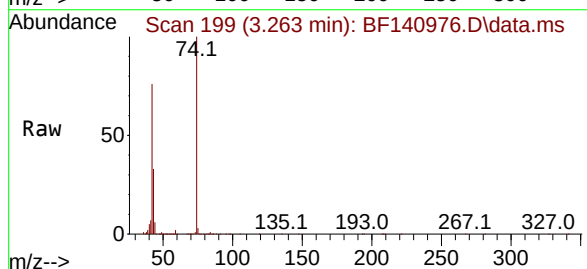
Manual Integrations
APPROVED

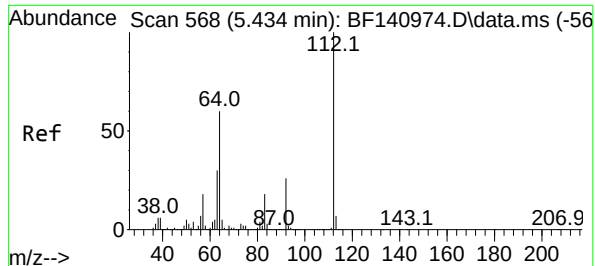
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





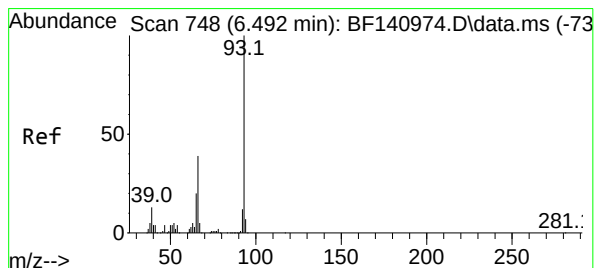
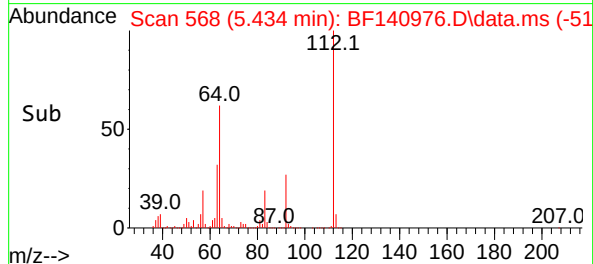
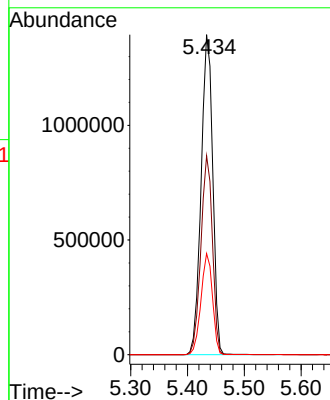
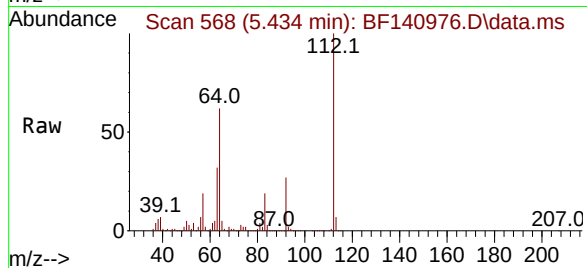
#5
2-Fluorophenol
Concen: 111.557 ng
RT: 5.434 min Scan# 504
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

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

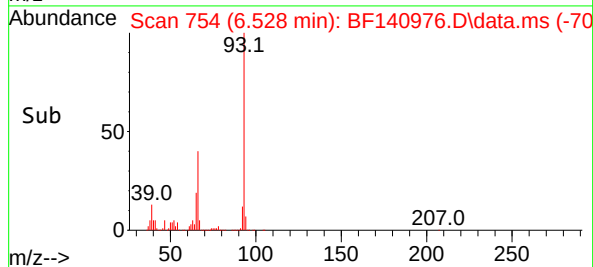
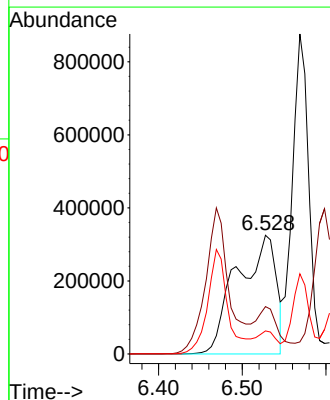
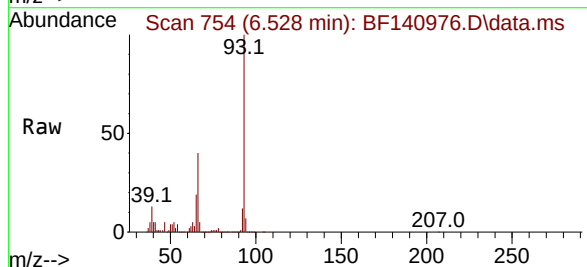
Manual Integrations
APPROVED

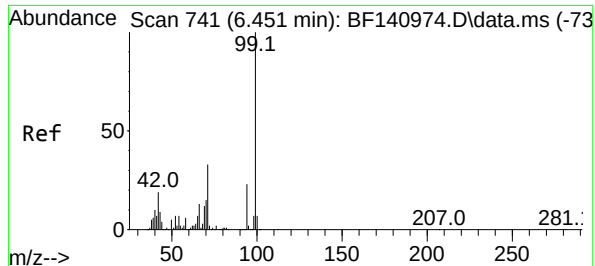
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





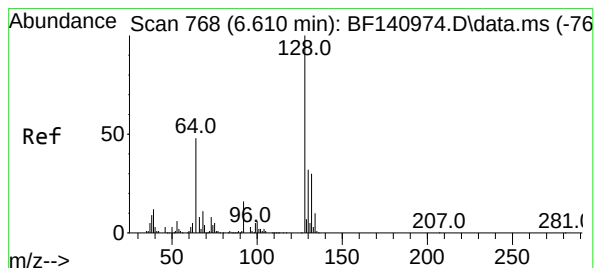
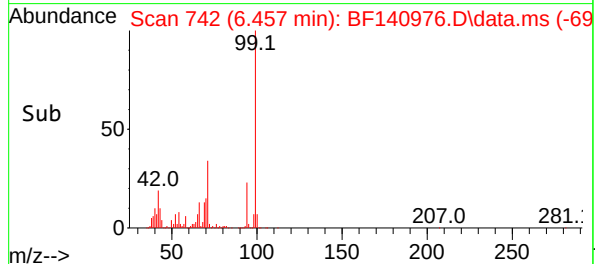
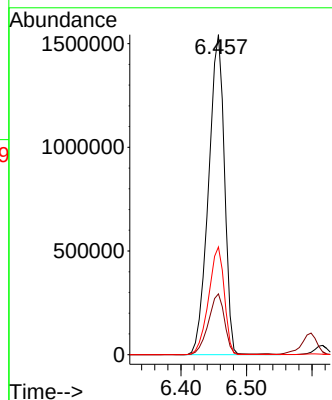
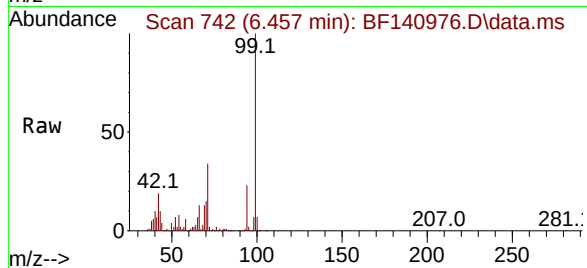
#7
Phenol-d6
Concen: 113.257 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

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

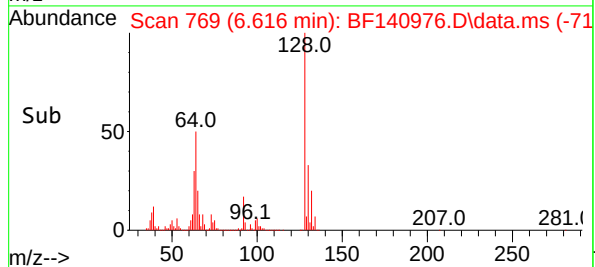
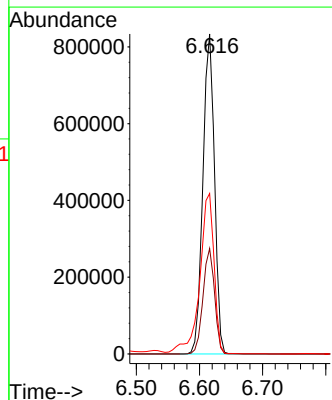
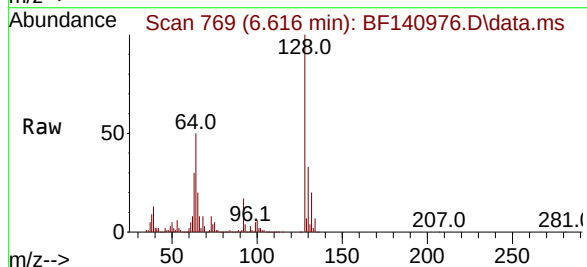
Manual Integrations
APPROVED

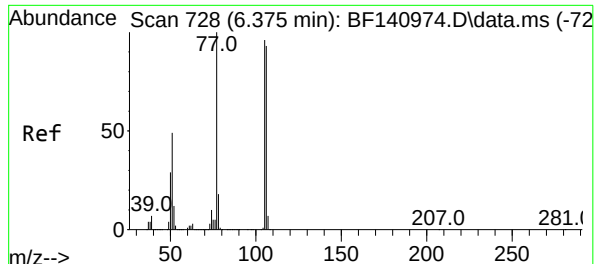
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

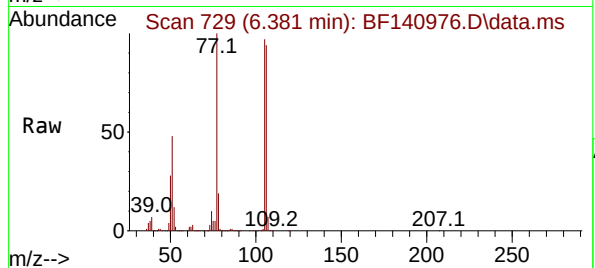
Tgt Ion:128 Resp: 1063361
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 50.2 30.3 70.3





#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

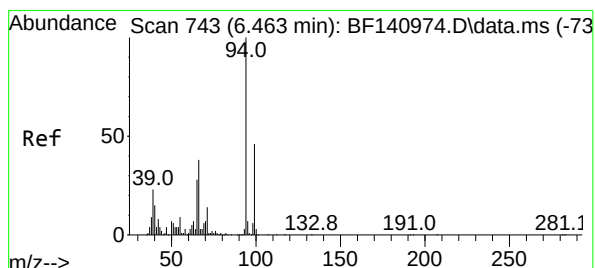
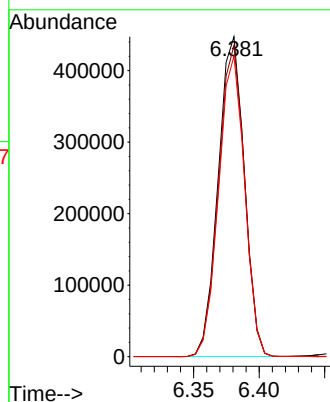
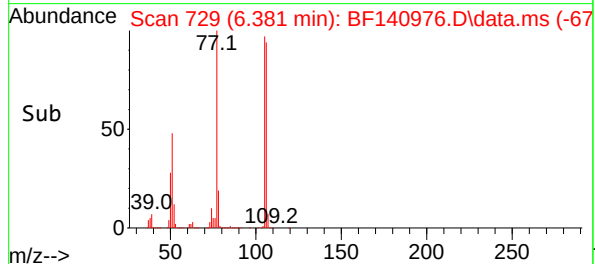
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

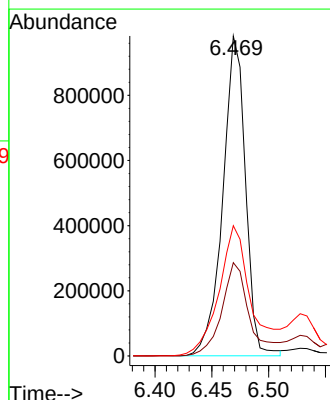
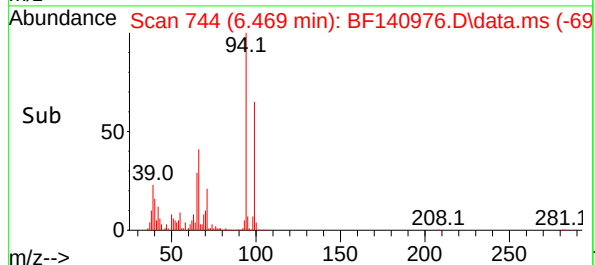
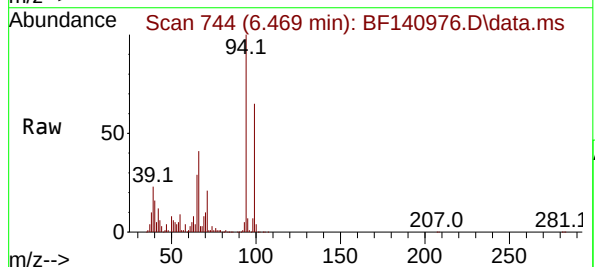
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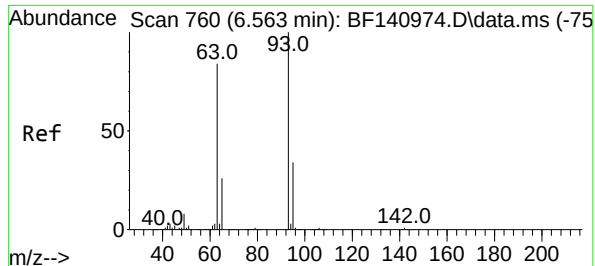
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

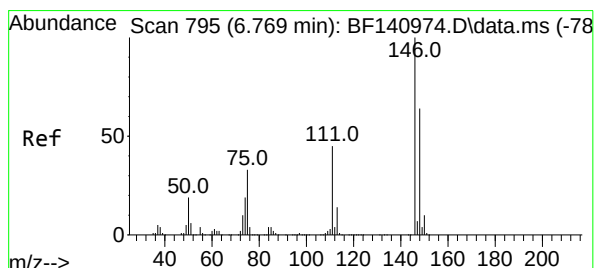
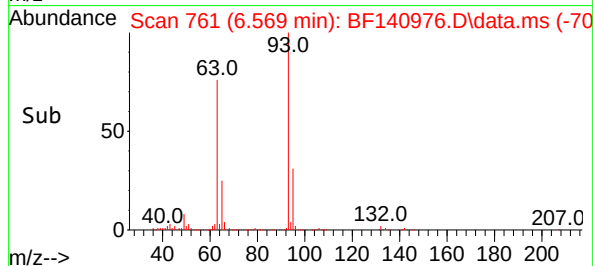
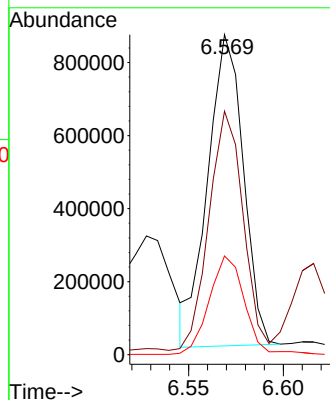
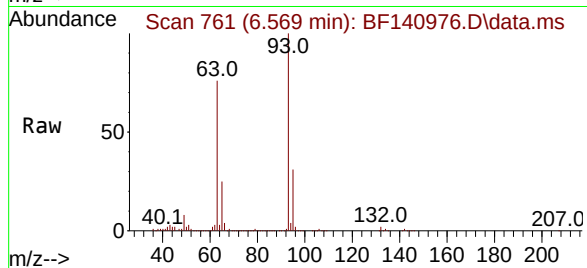
95 30.9 12.2 52.2

Manual Integrations

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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

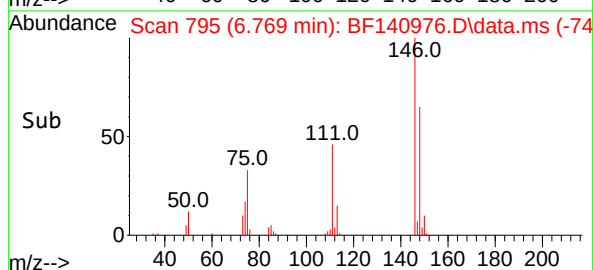
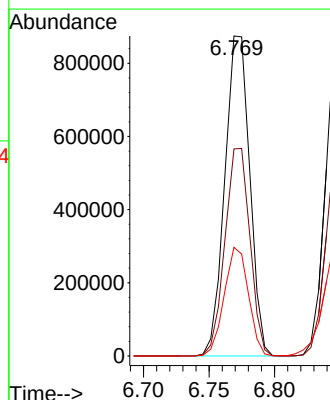
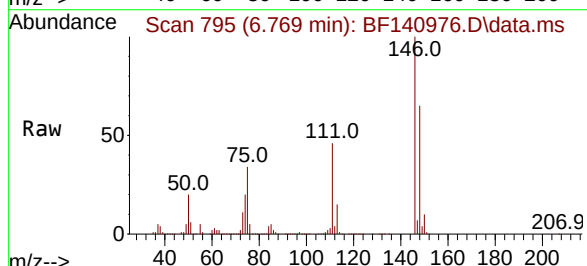
Tgt Ion:146 Resp: 1157733

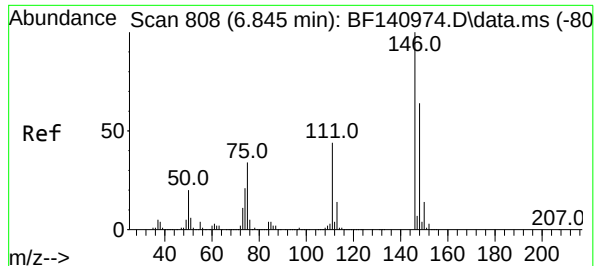
Ion Ratio Lower Upper

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

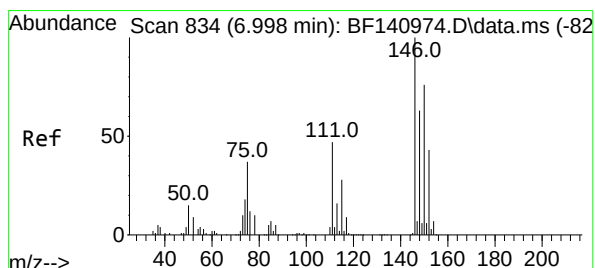
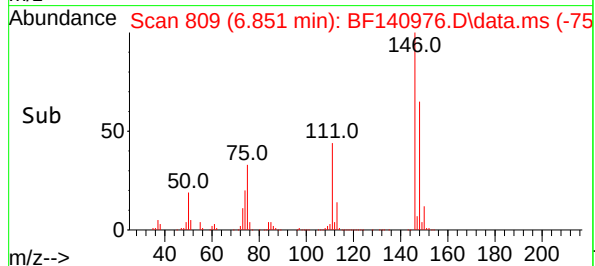
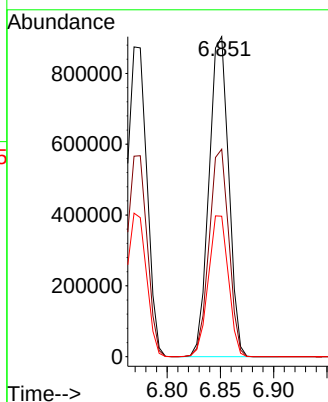
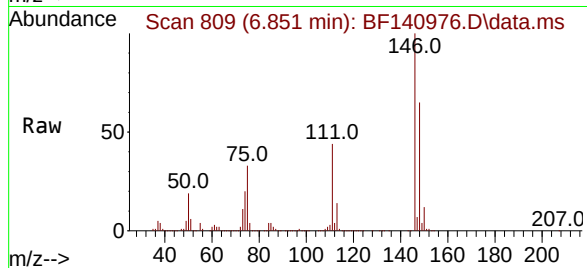
111 43.9 35.3 52.9

Manual Integrations

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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

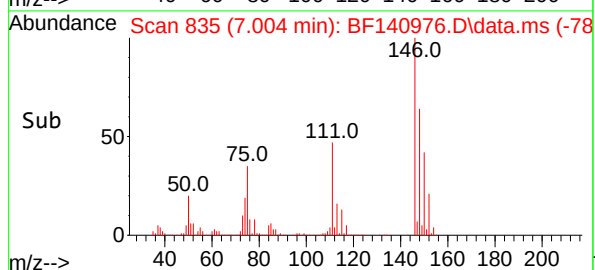
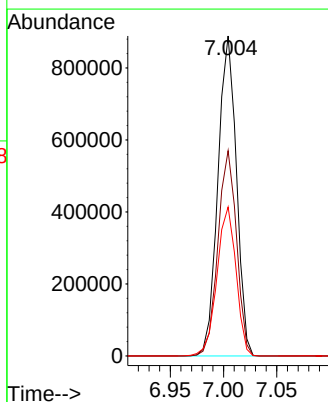
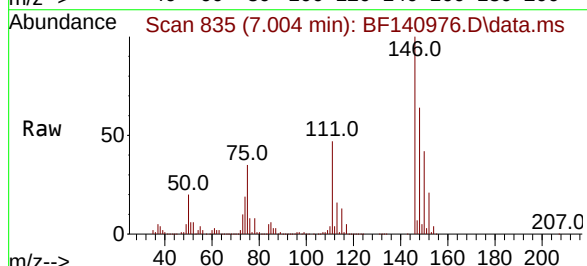
Tgt Ion:146 Resp: 1070694

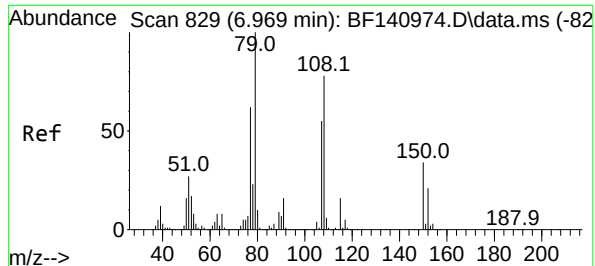
Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

111 46.6 37.3 55.9





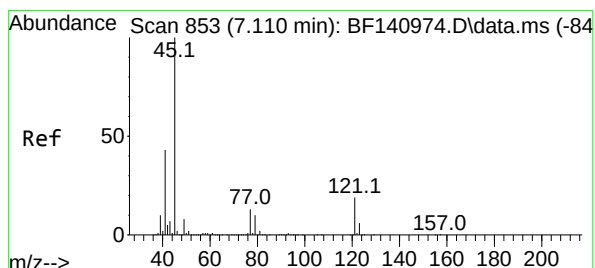
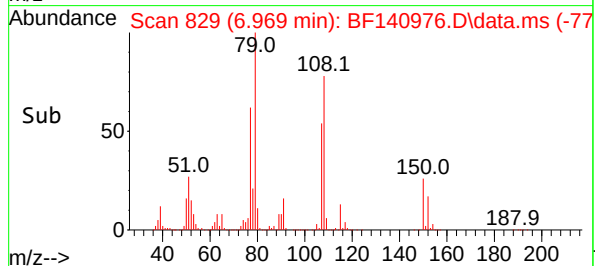
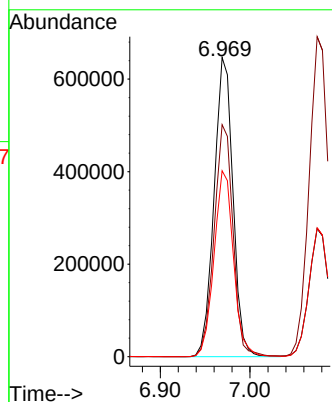
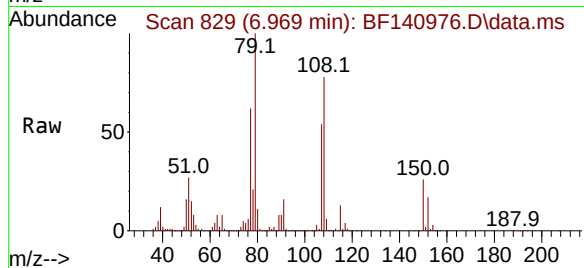
#15
Benzyl Alcohol
Concen: 57.228 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 944223
Ion Ratio Lower Upper
79 100
108 77.5 62.5 93.7
77 62.2 49.3 73.9

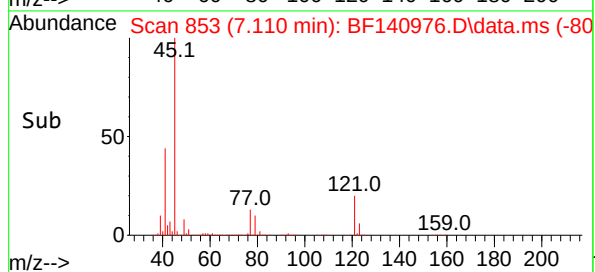
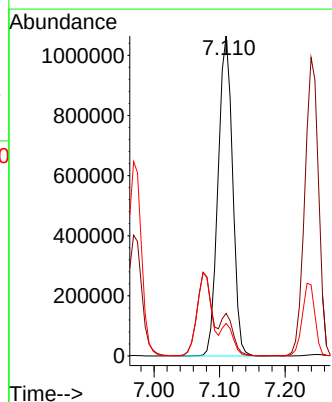
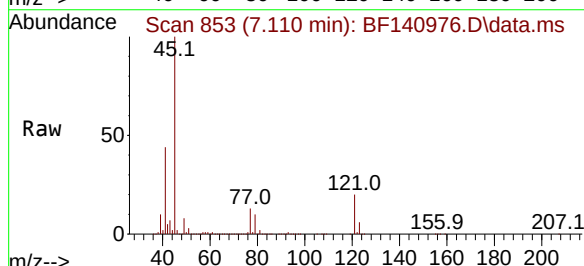
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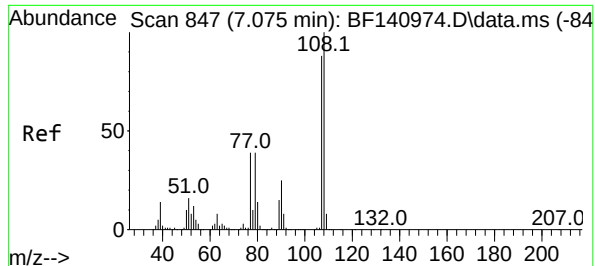
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

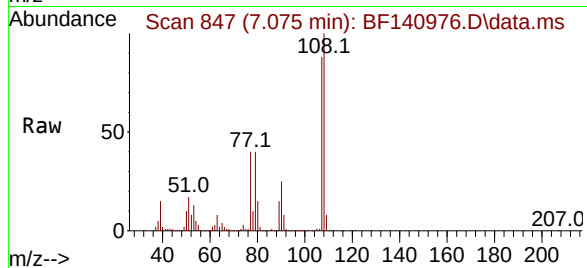
Tgt Ion: 45 Resp: 1624495
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.1
79 10.2 0.0 30.1





#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

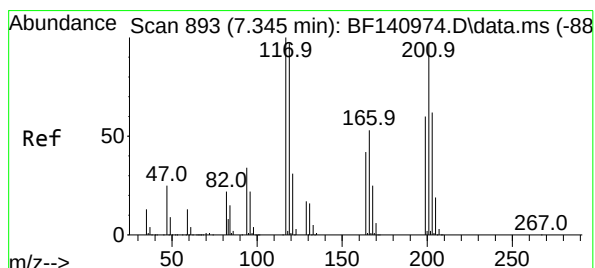
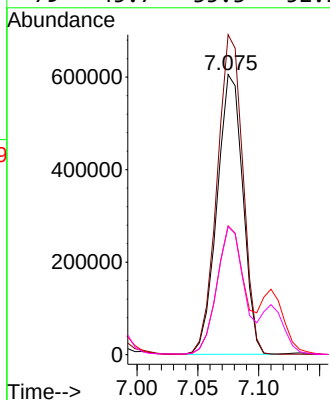
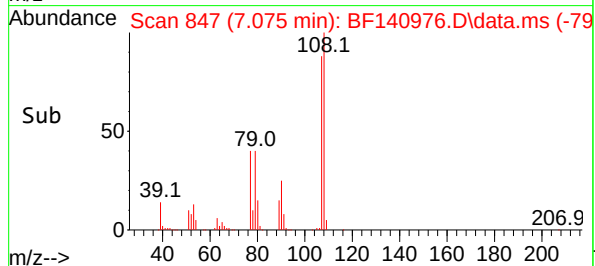
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

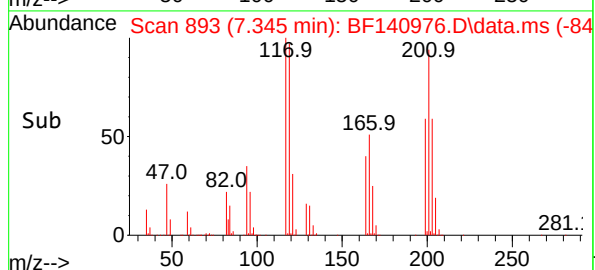
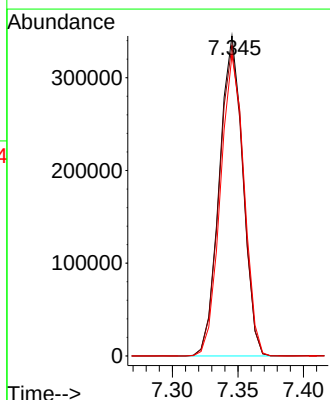
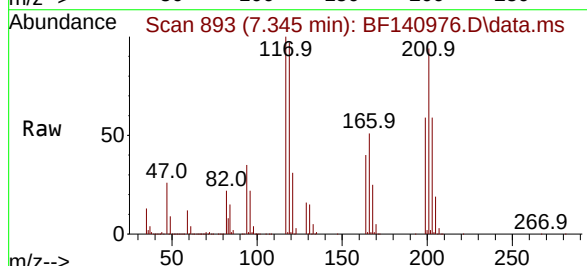
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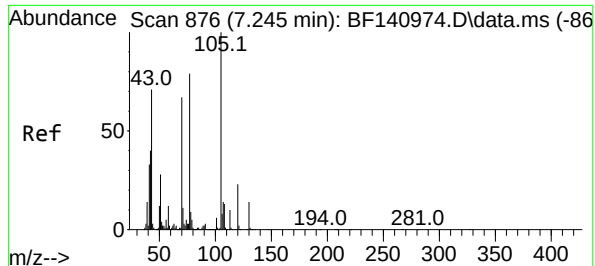
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

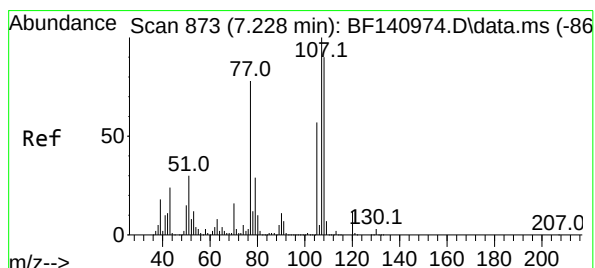
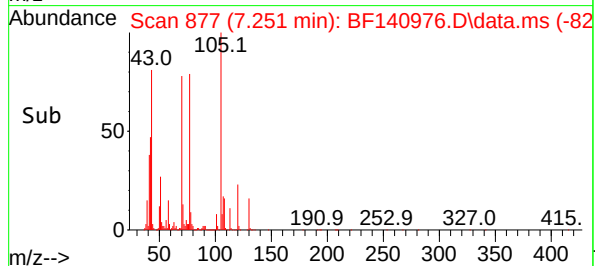
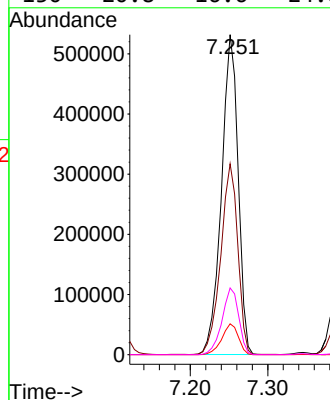
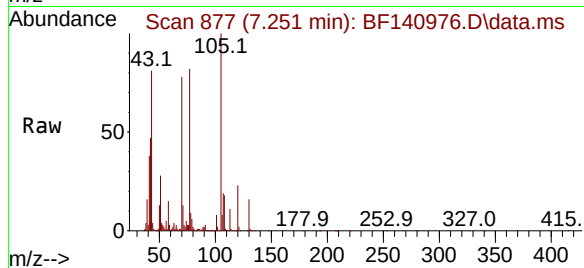
130 20.8 16.6 24.8

Manual Integrations

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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

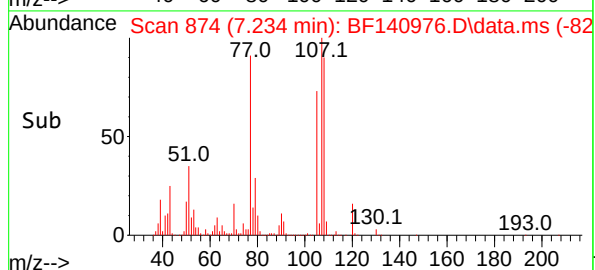
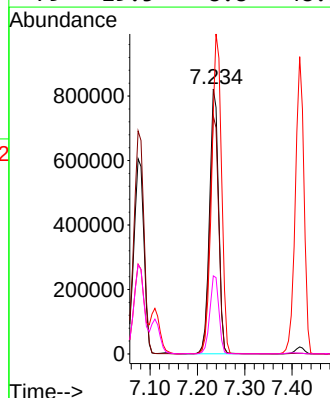
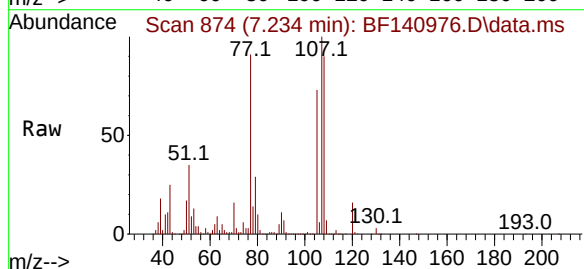
Ion Ratio Lower Upper

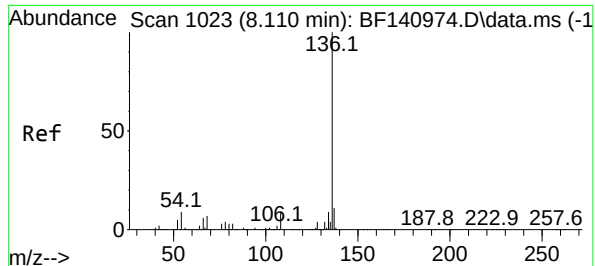
107 100

108 89.8 69.6 109.6

77 91.0 57.6 97.6

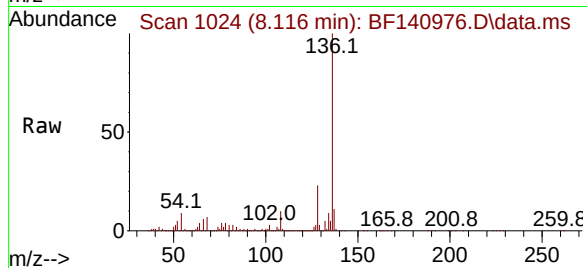
79 29.5 8.8 48.8





#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

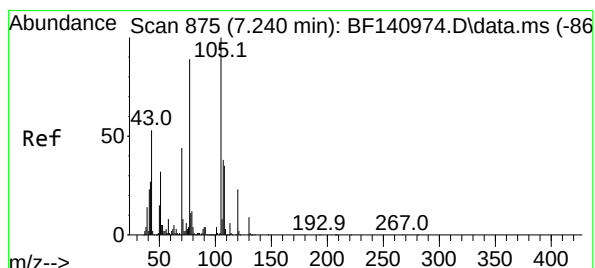
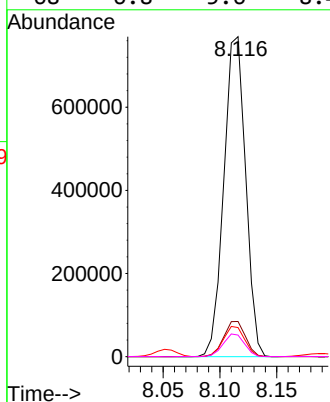
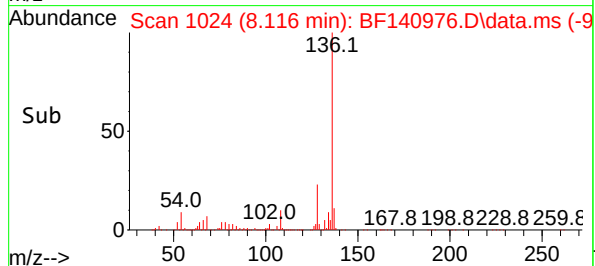
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

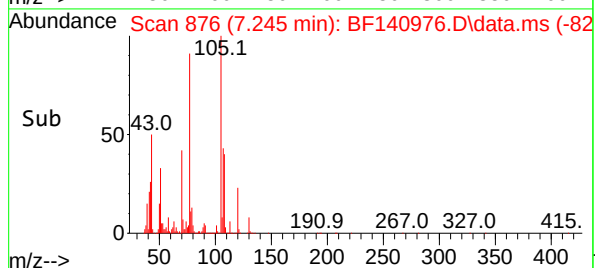
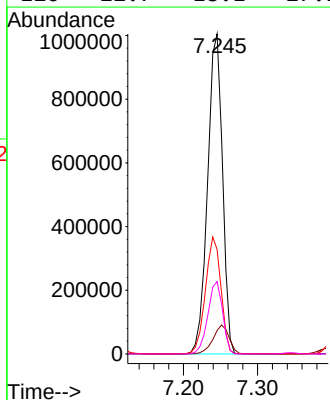
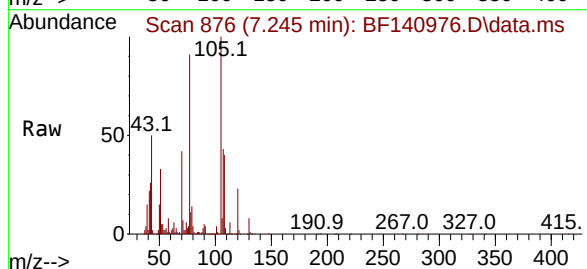
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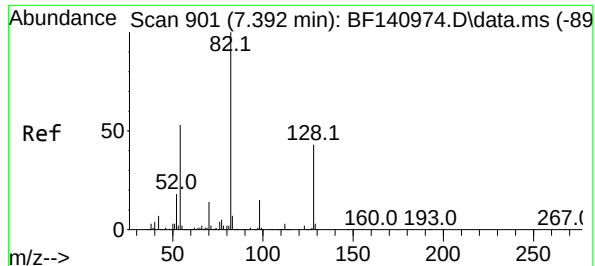
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

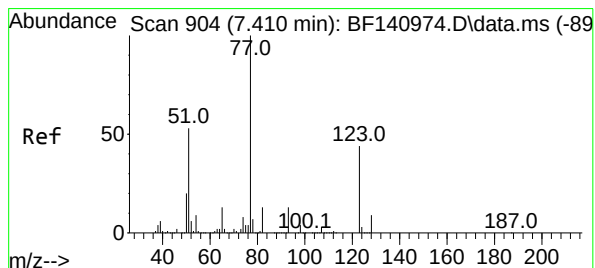
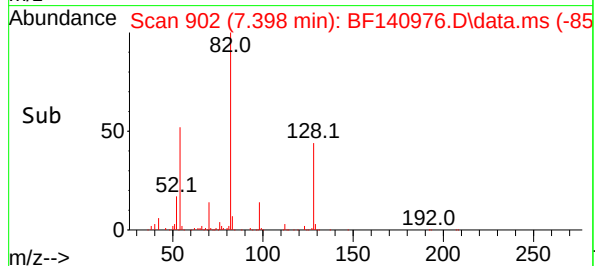
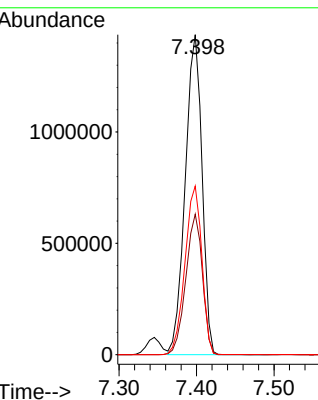
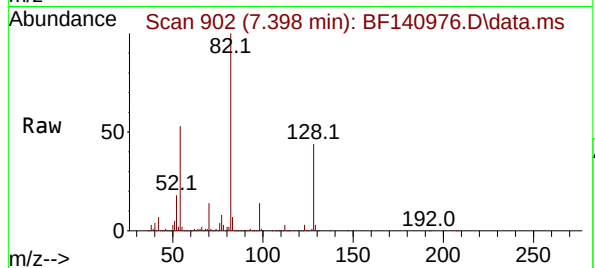
54 52.7 42.4 63.6

Manual Integrations

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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

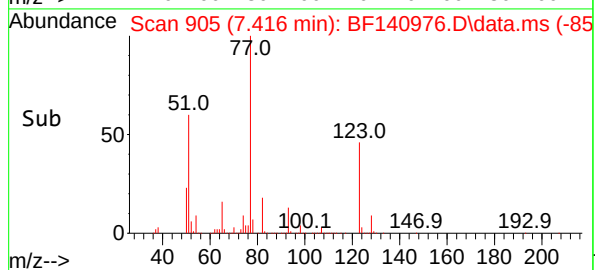
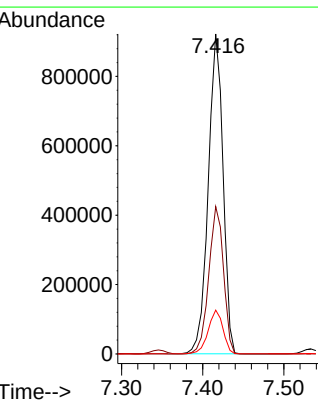
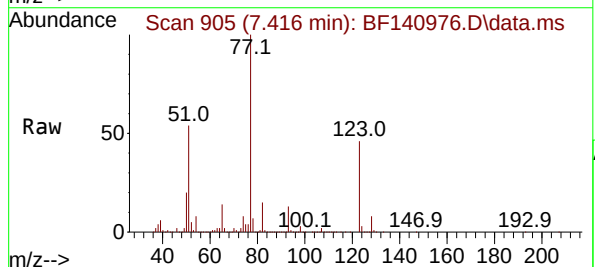
Tgt Ion: 77 Resp: 1168779

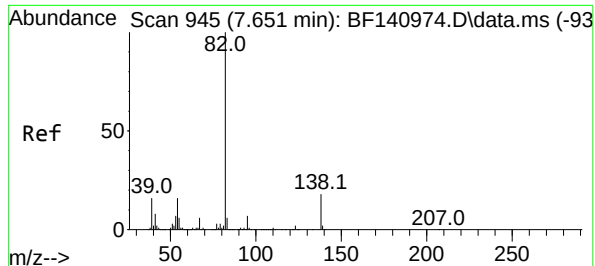
Ion Ratio Lower Upper

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

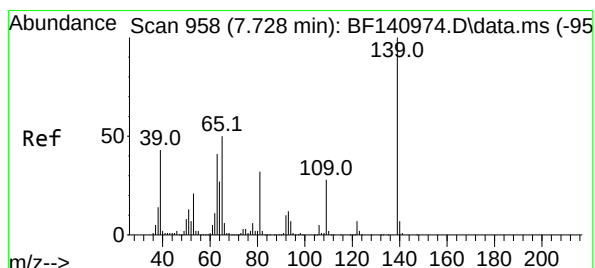
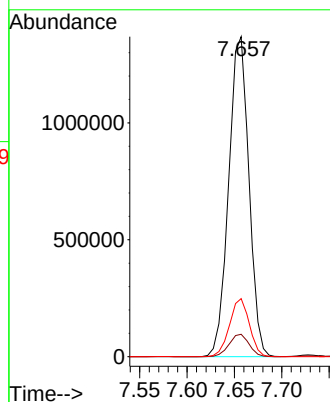
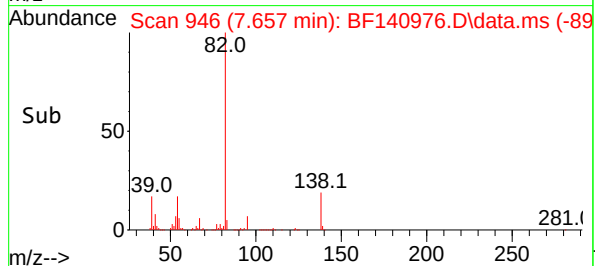
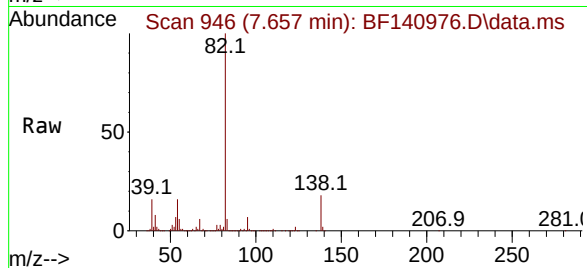
138 18.1 14.6 21.8

Manual Integrations

APPROVED

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

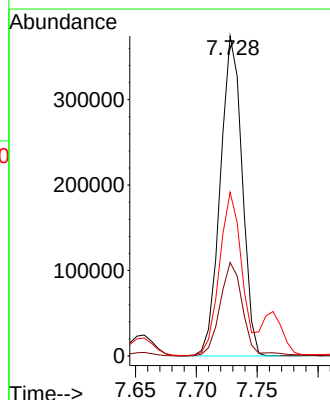
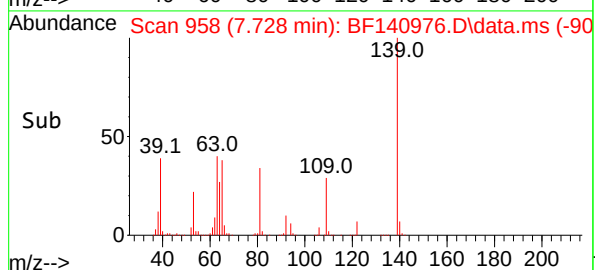
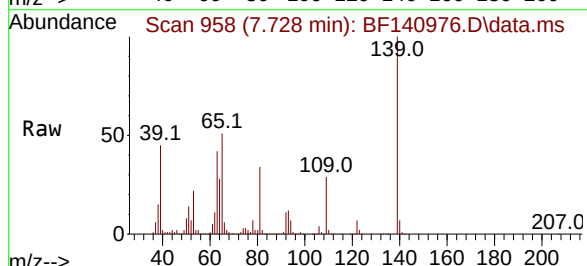
Tgt Ion:139 Resp: 467251

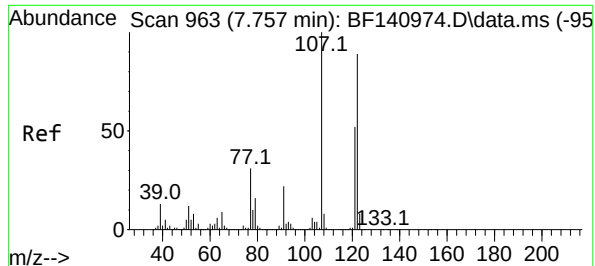
Ion Ratio Lower Upper

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

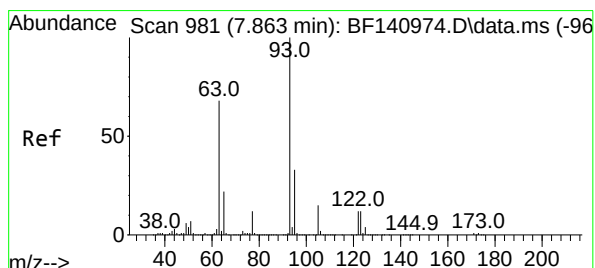
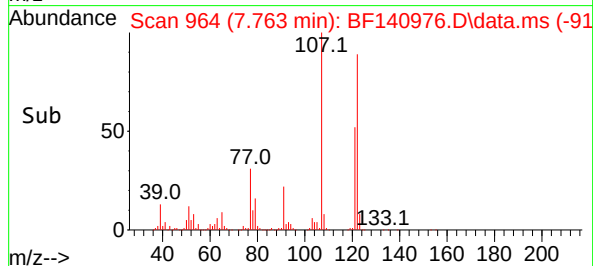
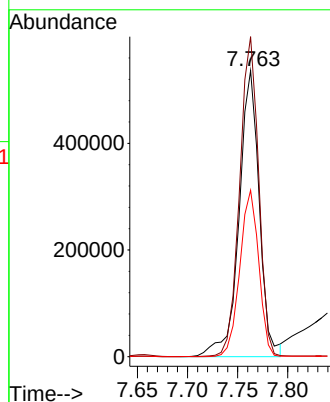
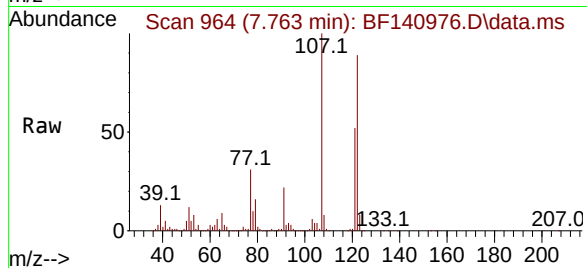
121 58.1 46.7 70.1

Manual Integrations

APPROVED

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

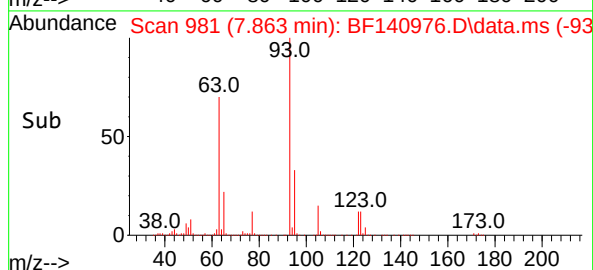
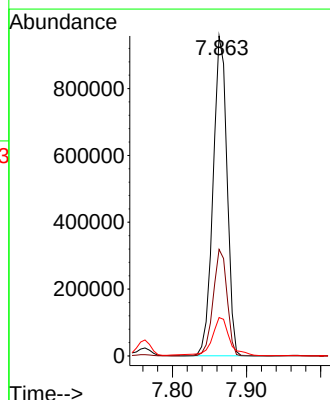
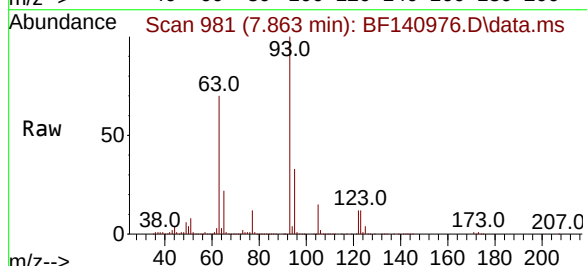
Tgt Ion: 93 Resp: 1248974

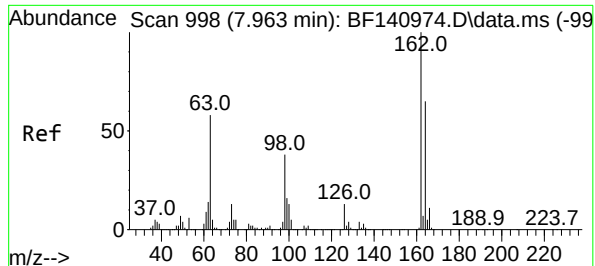
Ion Ratio Lower Upper

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 :

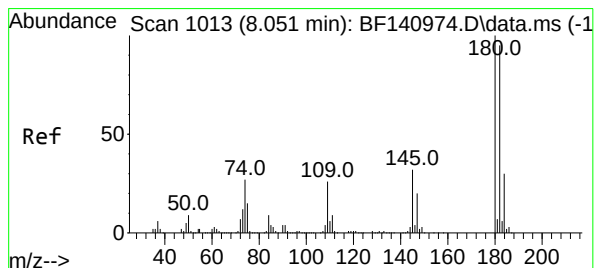
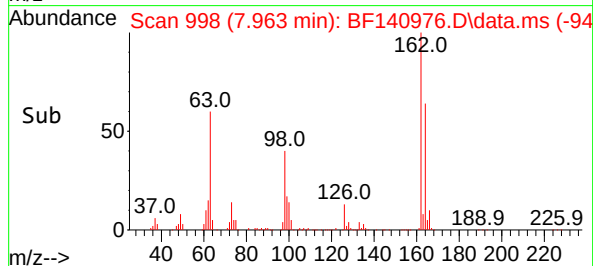
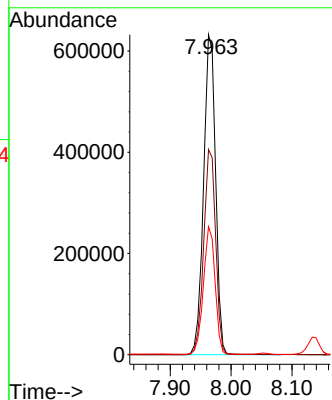
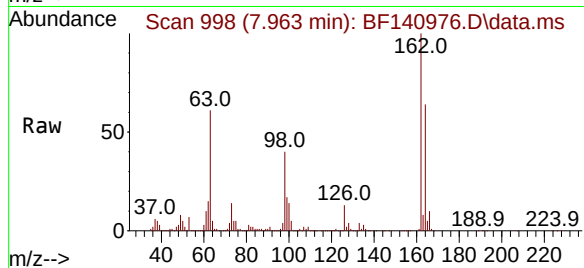
SSTDICC060

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

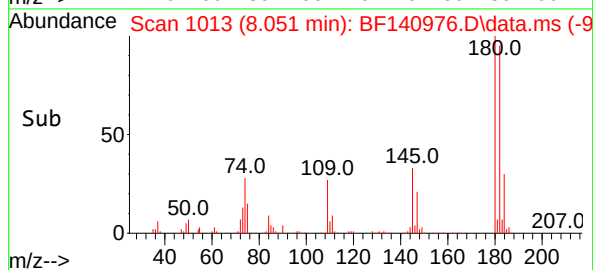
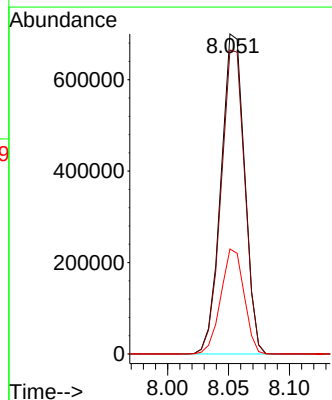
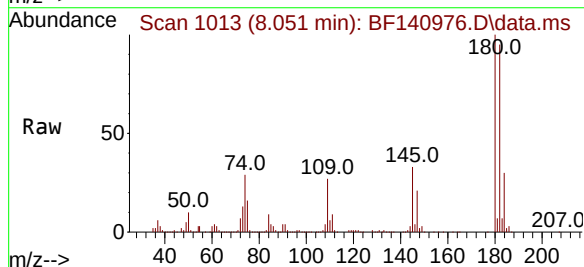
RT: 8.051 min Scan# 1013

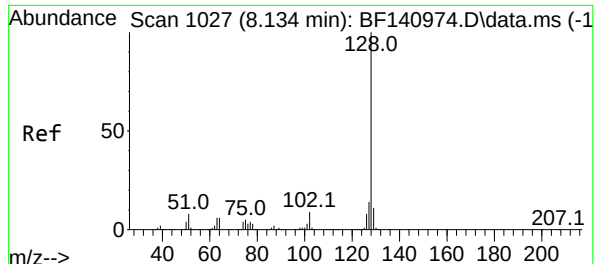
Delta R.T. -0.000 min

Lab File: BF140976.D

Acq: 26 Dec 2024 18:59

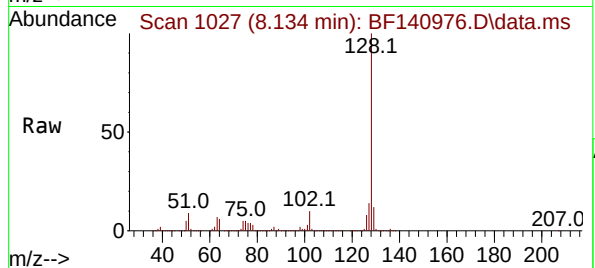
Tgt Ion:180 Resp: 943563
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 32.8 25.4 38.2





#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

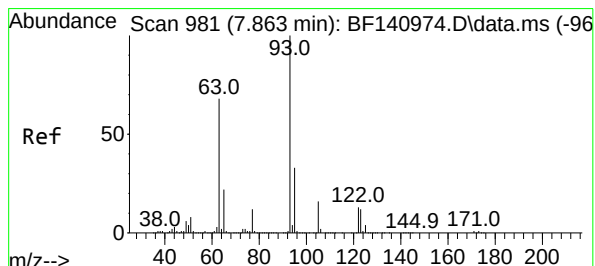
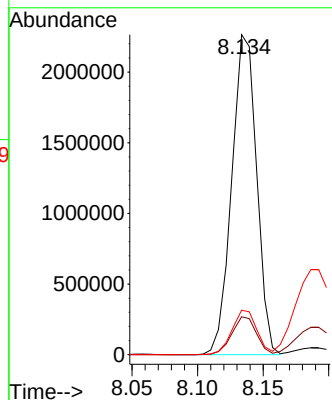
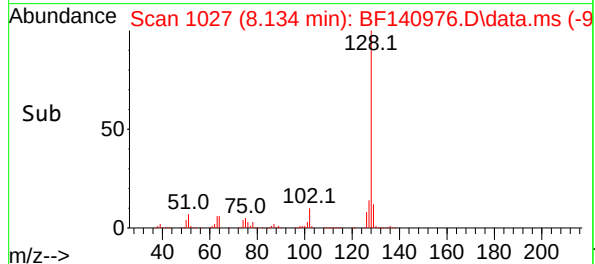
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

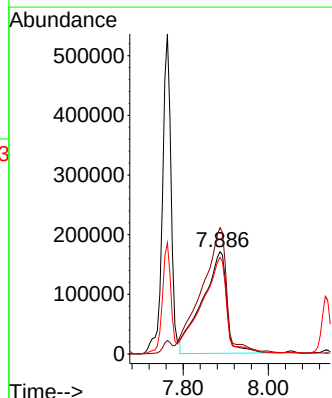
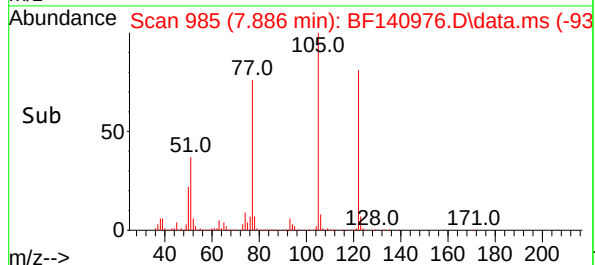
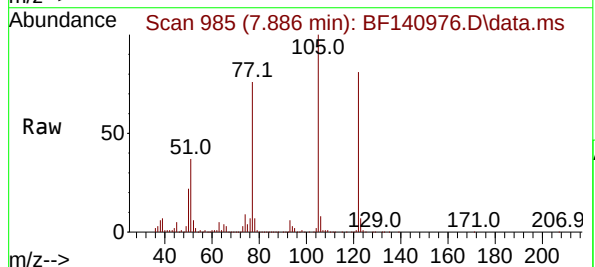
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APPROVED

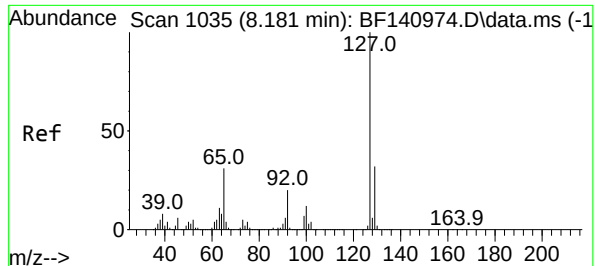
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

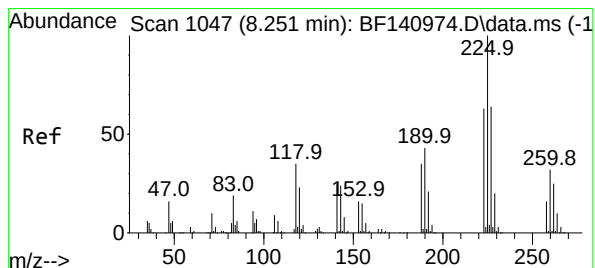
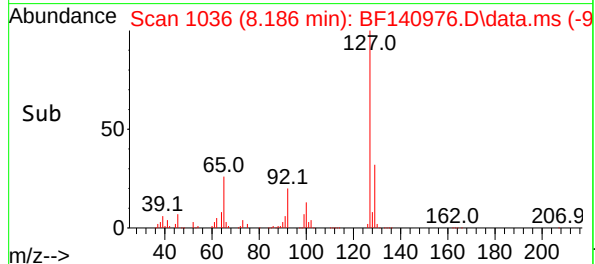
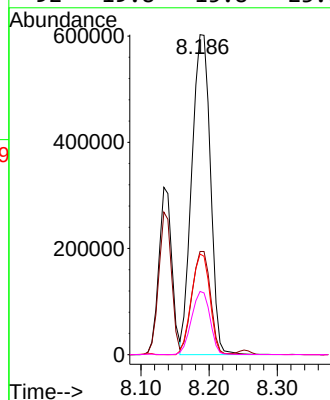
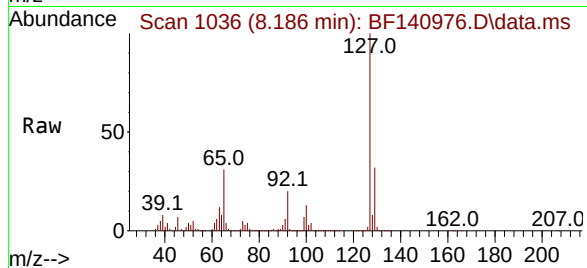
92 19.8 15.8 23.6

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

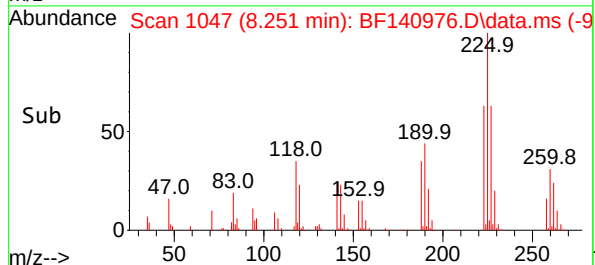
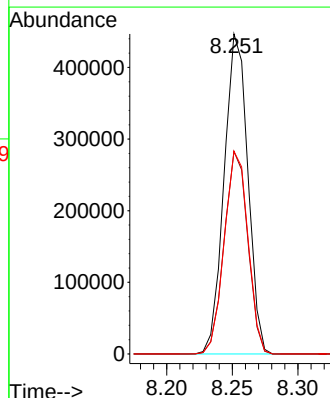
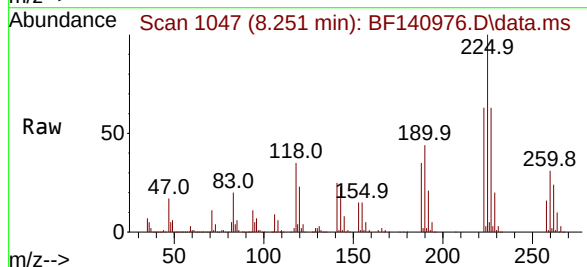
Tgt Ion:225 Resp: 561087

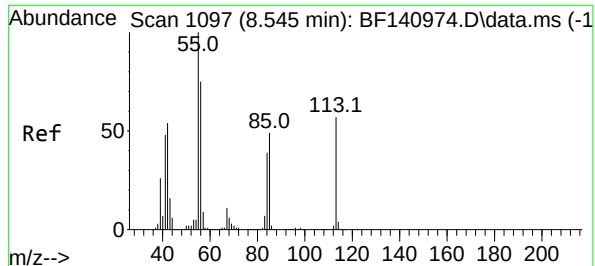
Ion Ratio Lower Upper

225 100

223 63.3 50.3 75.5

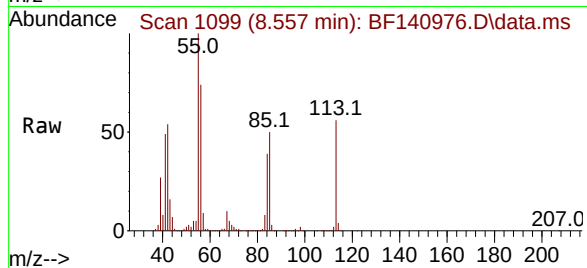
227 63.4 50.8 76.2





#35
Caprolactam
Concen: 59.682 ng
RT: 8.557 min Scan# 1099
Delta R.T. 0.012 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

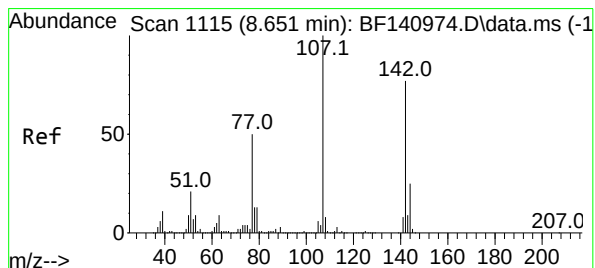
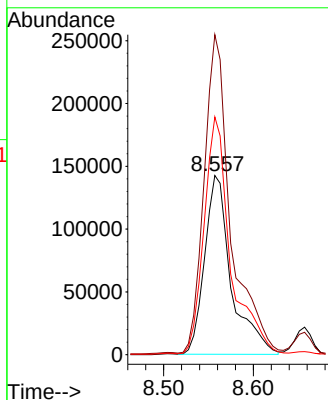
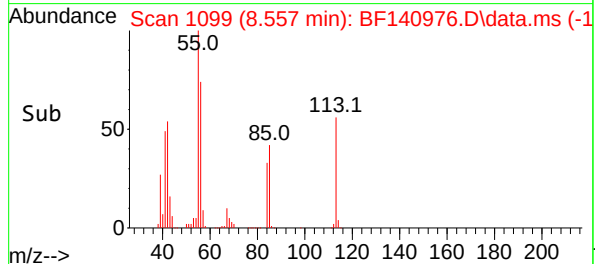
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

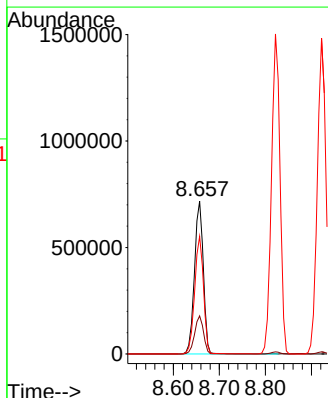
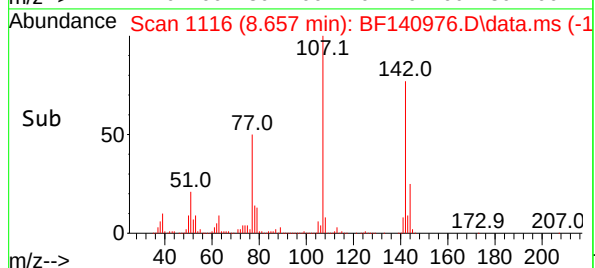
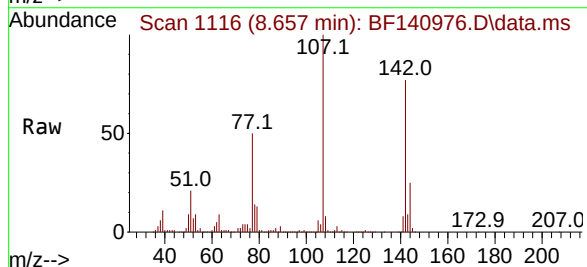
Manual Integrations
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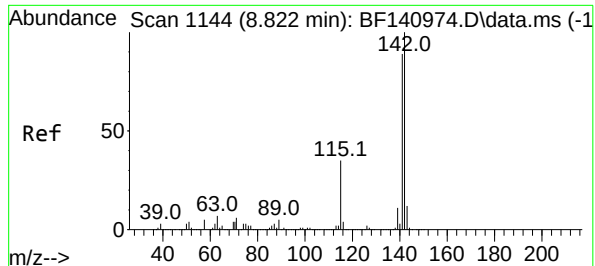
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

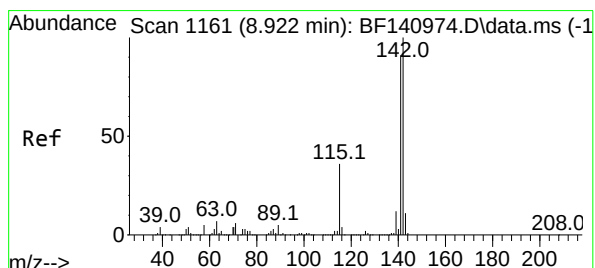
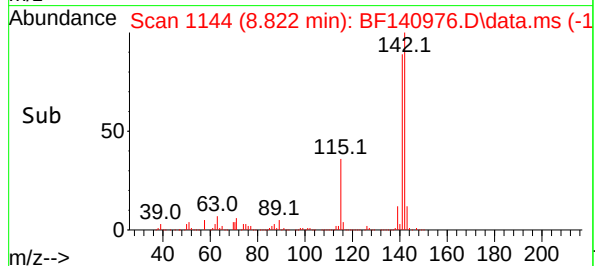
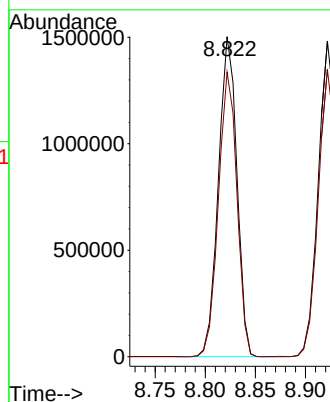
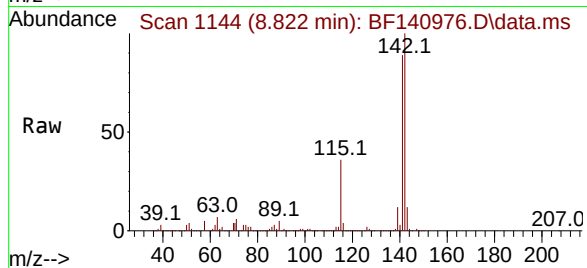
141 88.9 71.1 106.7

Manual Integrations

APPROVED

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

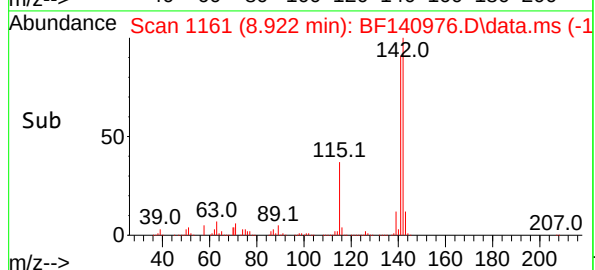
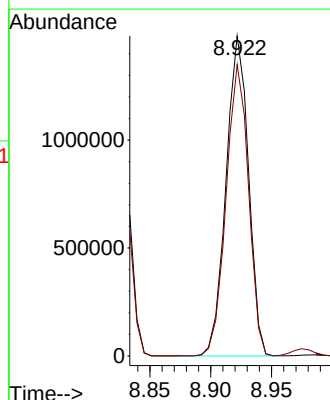
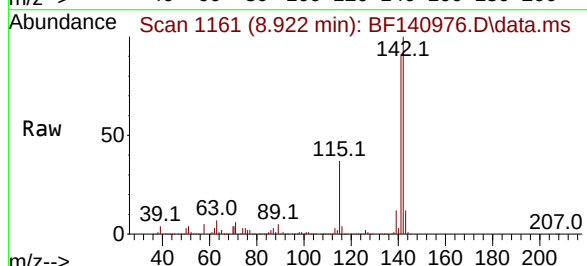
Acq: 26 Dec 2024 18:59

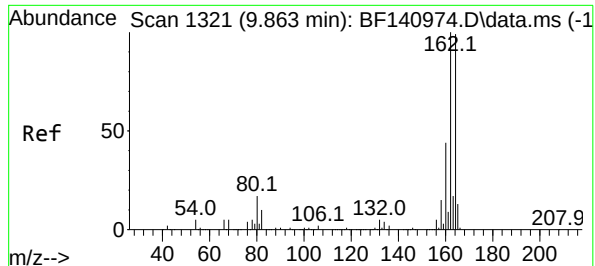
Tgt Ion:142 Resp: 1898518

Ion Ratio Lower Upper

142 100

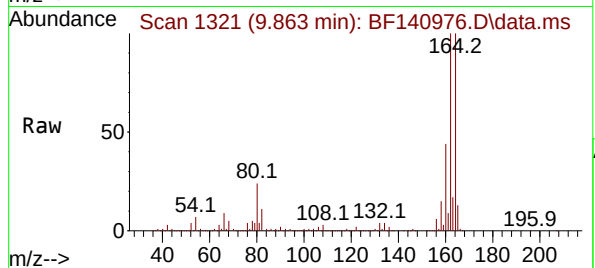
141 91.1 72.7 109.1





#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

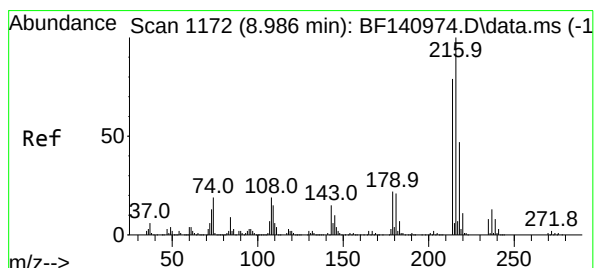
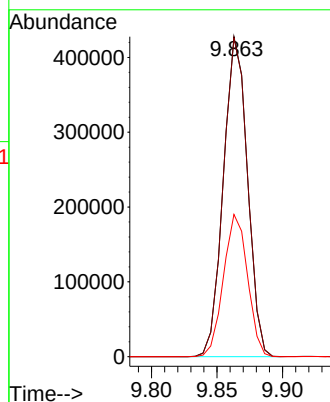
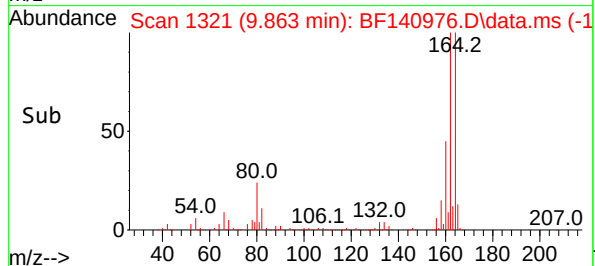
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

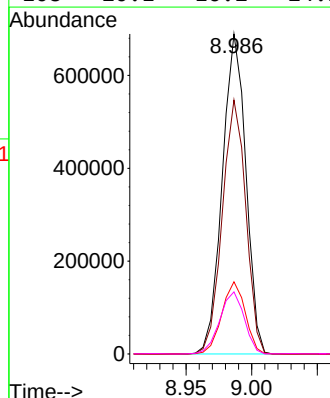
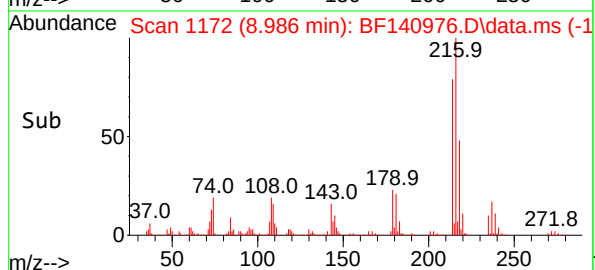
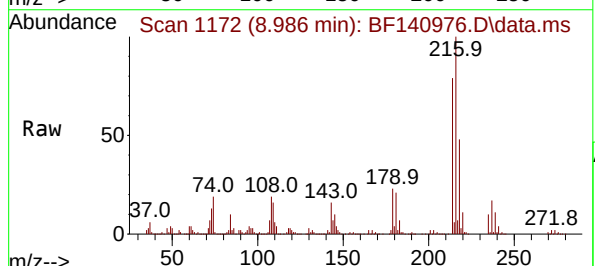
Manual Integrations
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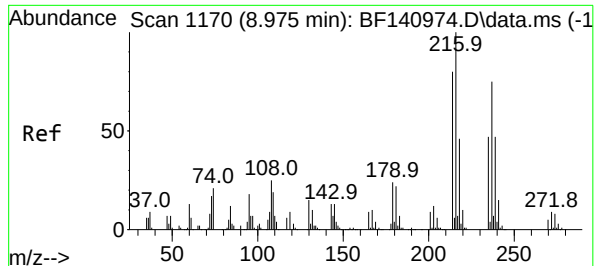
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

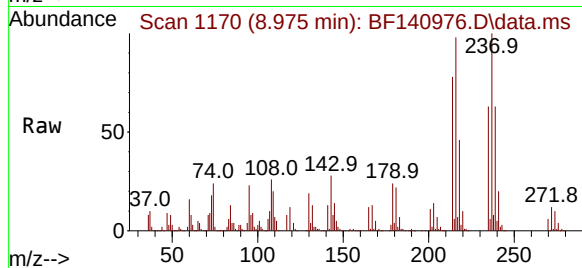
Tgt Ion:216 Resp: 860616
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.6
179 22.4 17.9 26.9
108 20.1 16.2 24.2





#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

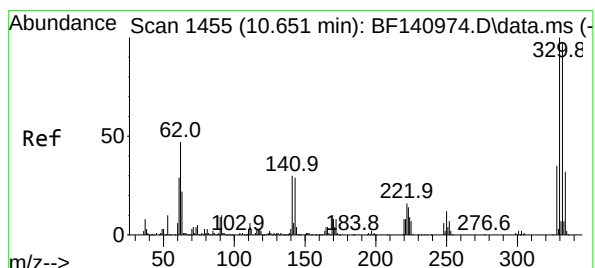
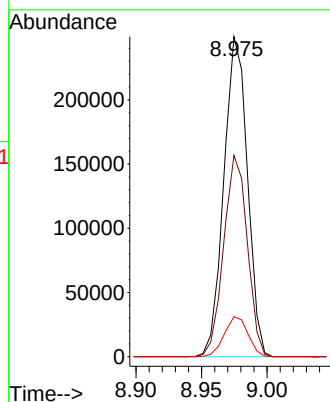
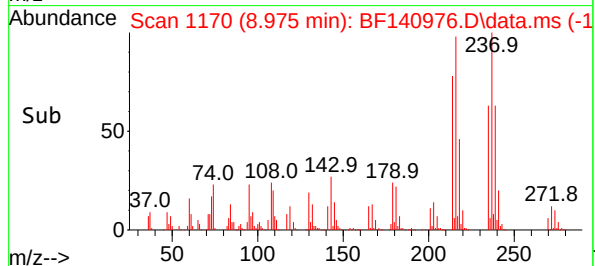
Instrument :
BNA_F
Client Sample Id :
SSTDICC060



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

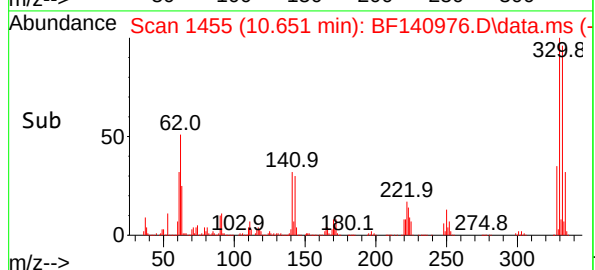
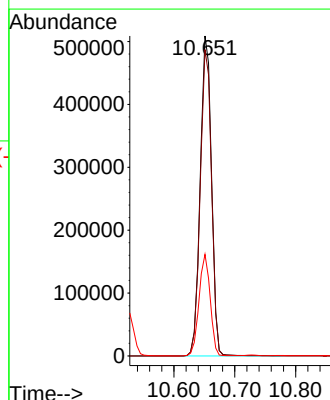
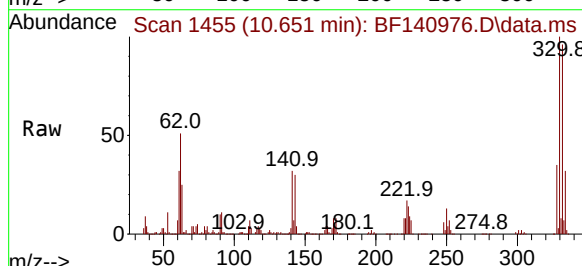
Manual Integrations
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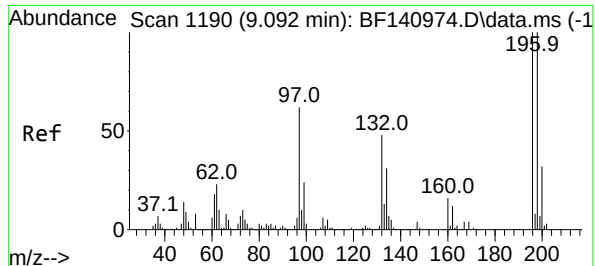
Reviewed By : Yogesh Patel 12/27/2024
Supervised By : mohammad ahmed 12/27/2024



#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

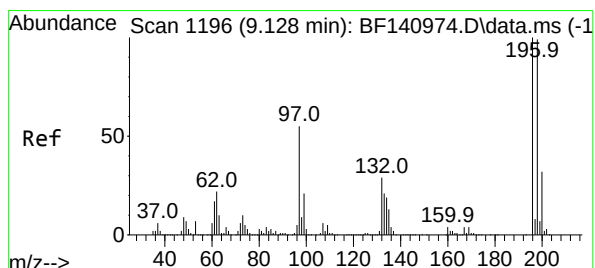
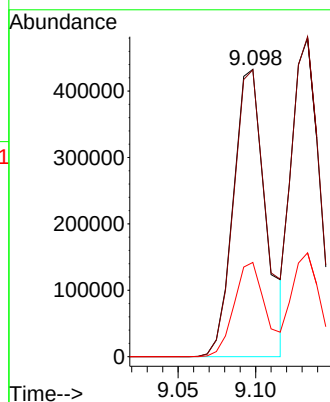
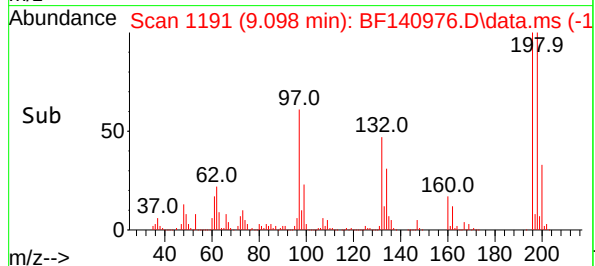
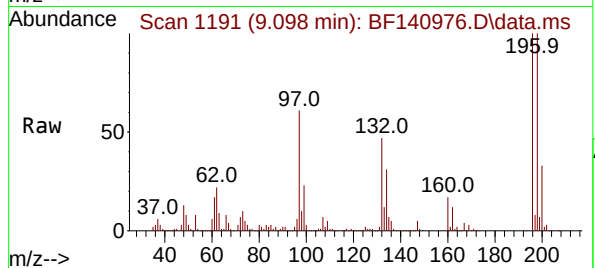
200 32.8 25.8 38.6

Manual Integrations

APPROVED

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

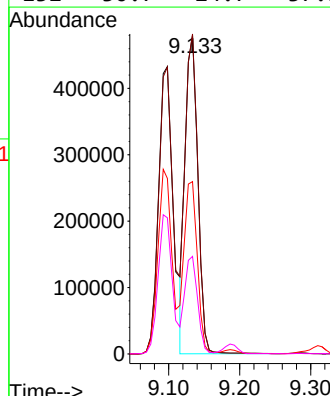
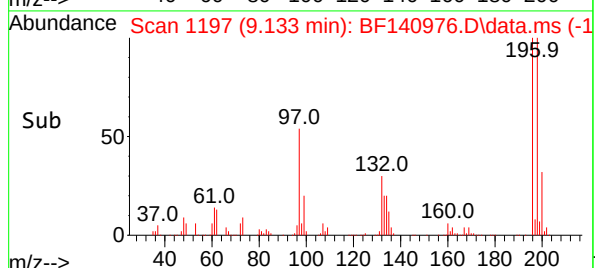
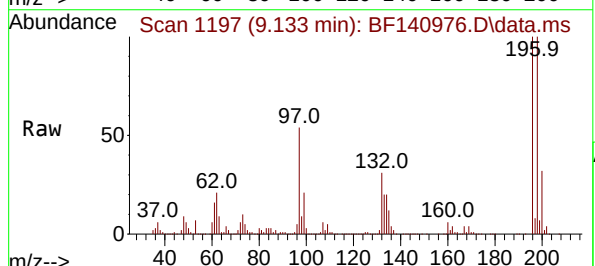
Ion Ratio Lower Upper

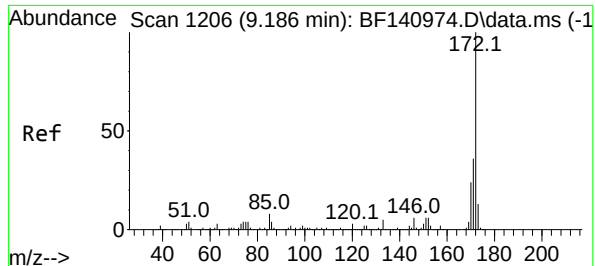
196 100

198 100.4 79.9 119.9

97 54.1 44.3 66.5

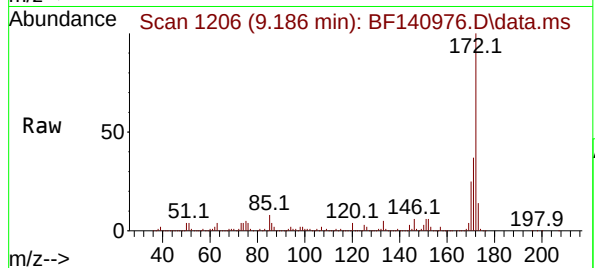
132 30.7 24.7 37.1





#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

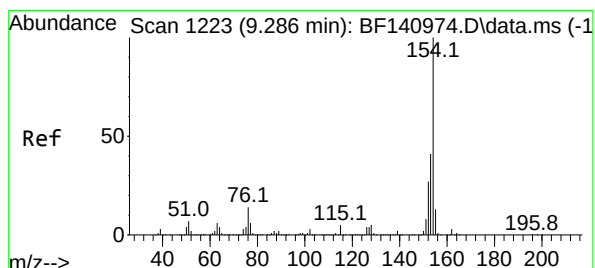
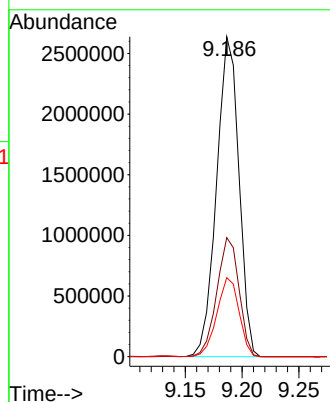
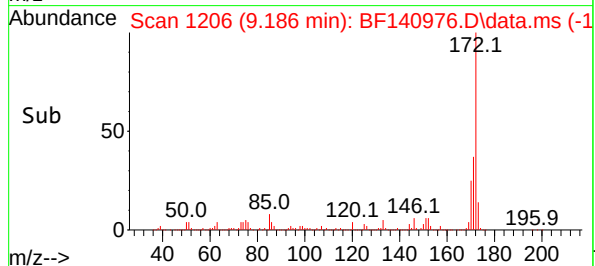
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

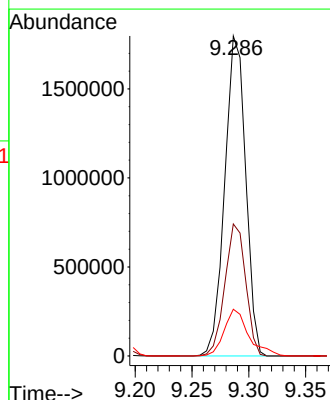
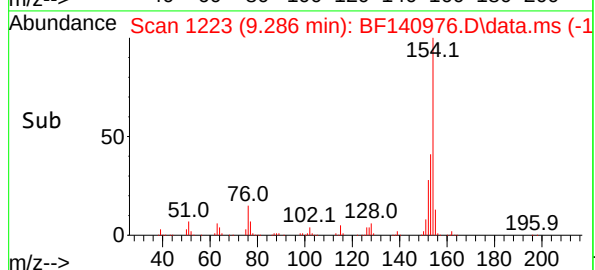
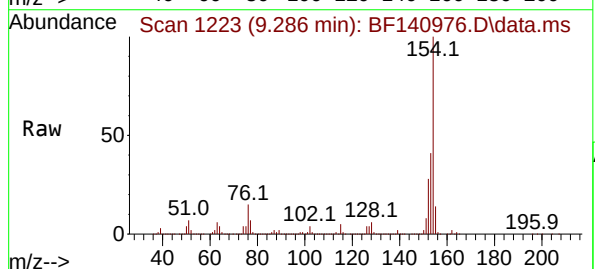
Manual Integrations
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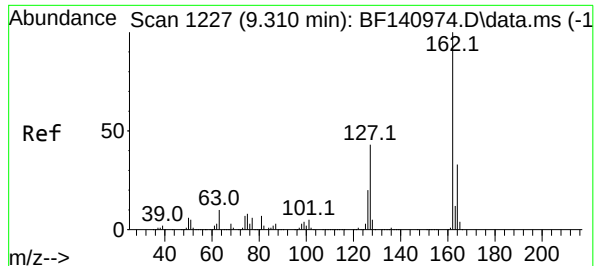
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#46
1,1'-Biphenyl
Concen: 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

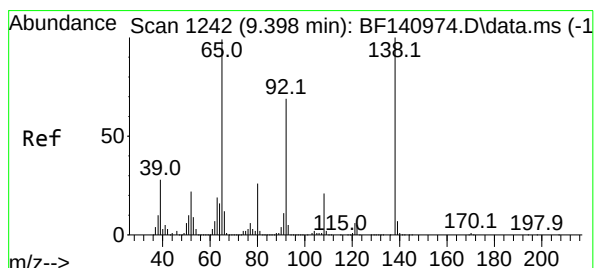
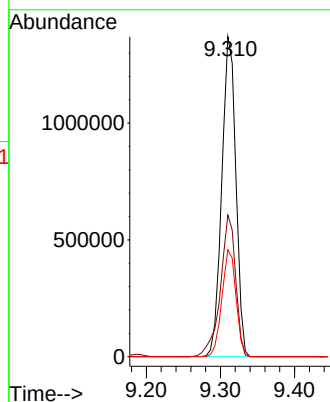
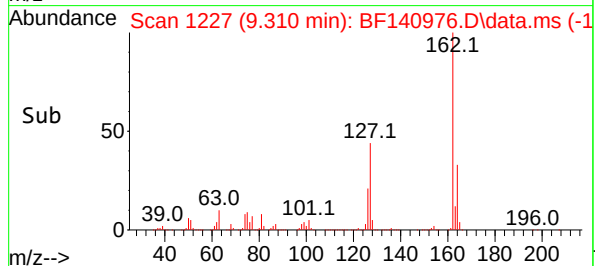
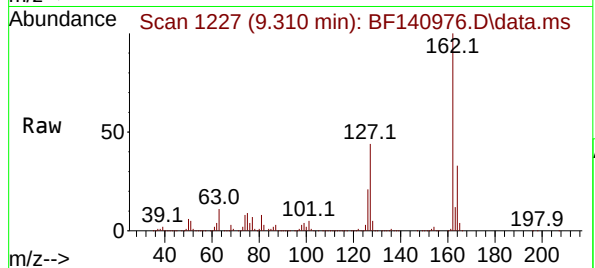
164 33.4 26.6 40.0

Manual Integrations

APPROVED

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

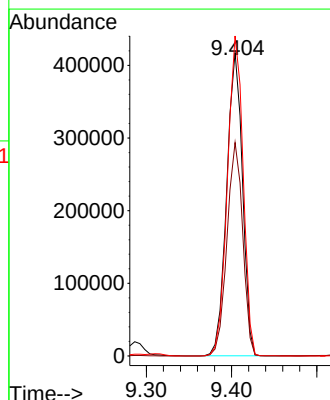
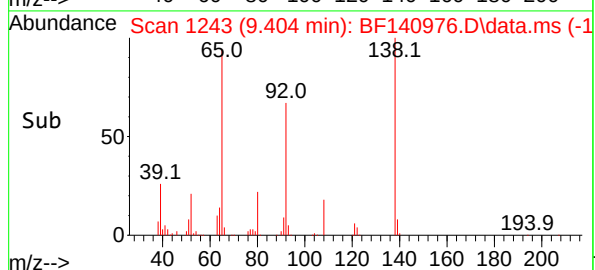
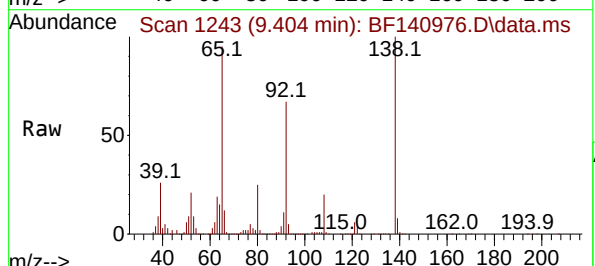
Tgt Ion: 65 Resp: 538159

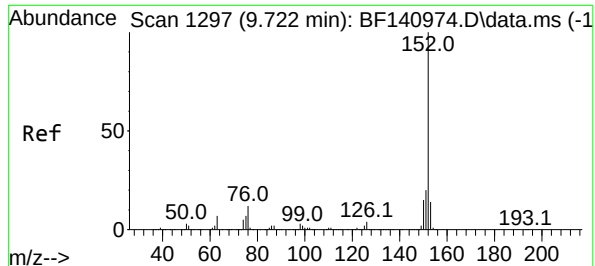
Ion Ratio Lower Upper

65 100

92 70.4 55.6 83.4

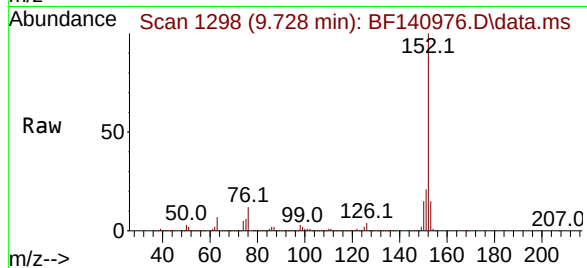
138 105.4 80.5 120.7





#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

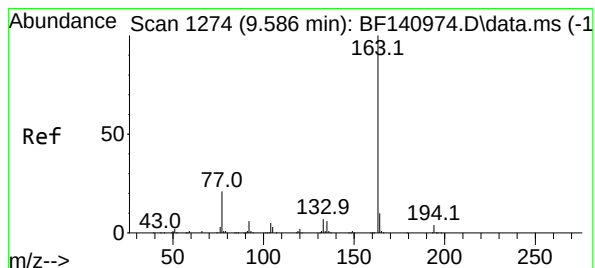
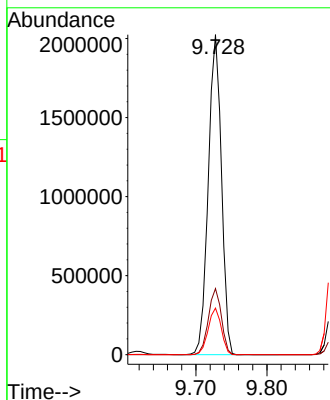
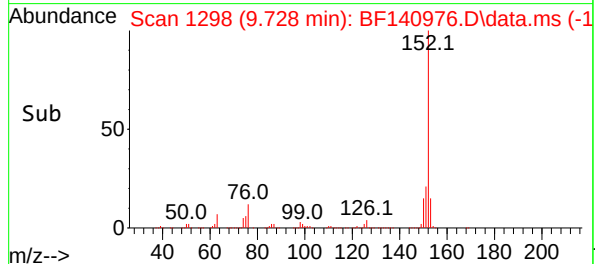
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

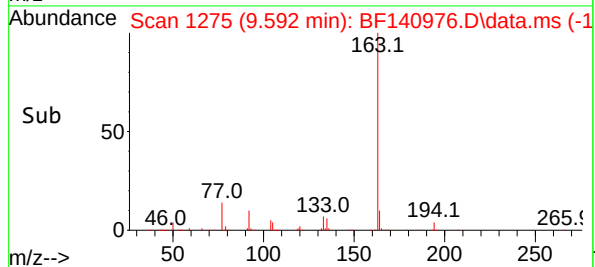
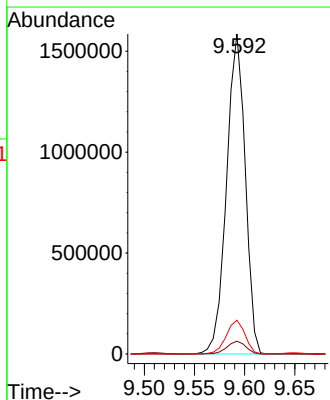
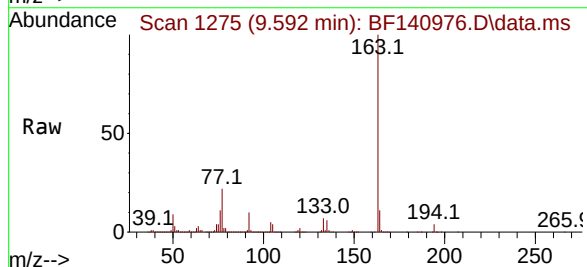
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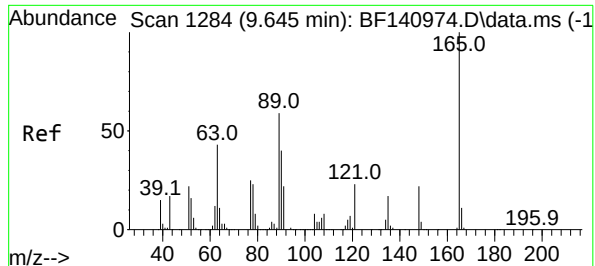
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

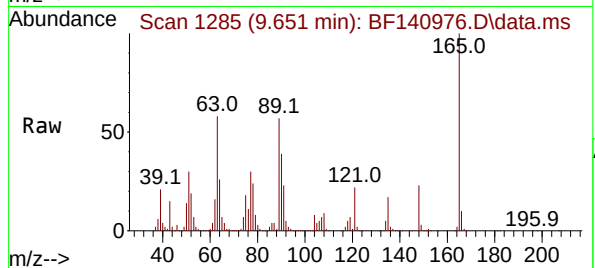
Tgt Ion:163 Resp: 2047854
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.5 8.3 12.5





#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

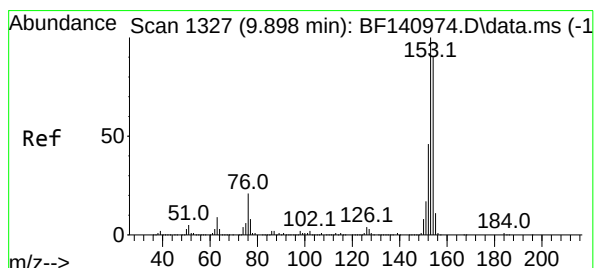
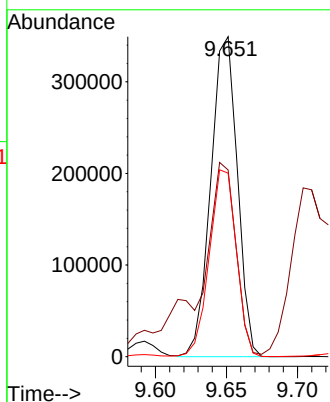
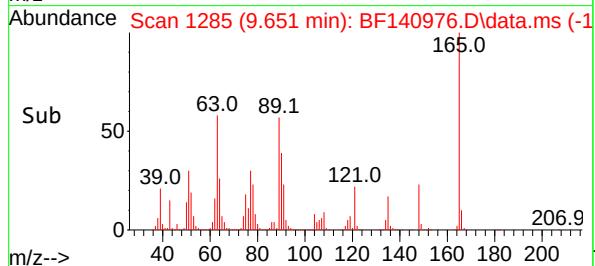
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

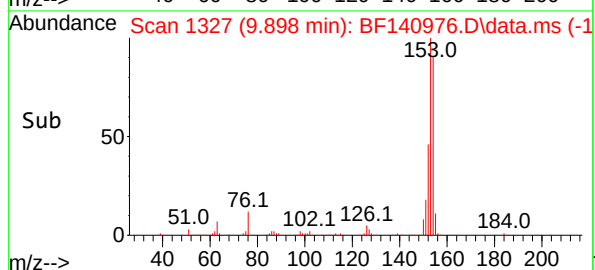
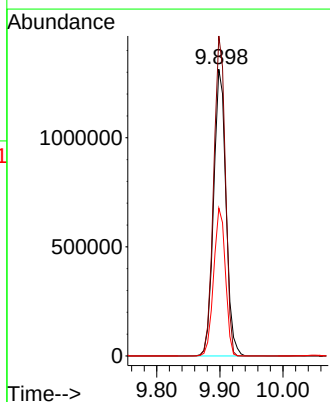
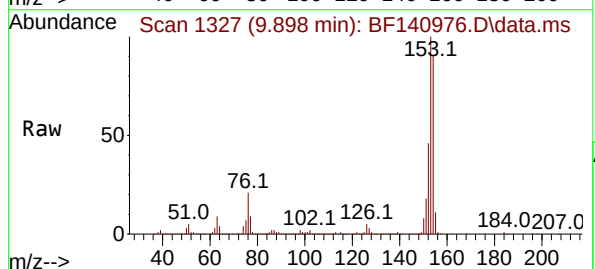
Manual Integrations
APPROVED

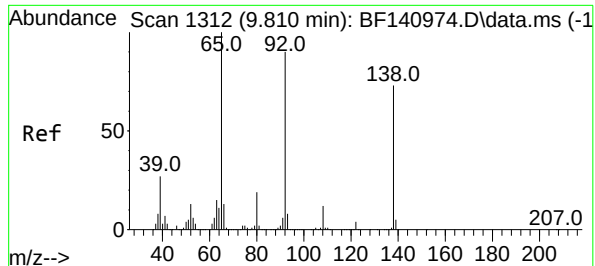
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

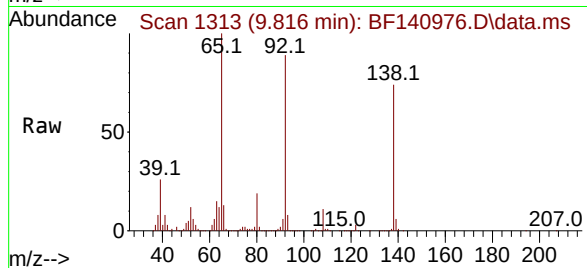
Tgt Ion:154 Resp: 1786036
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 51.5 40.9 61.3





#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

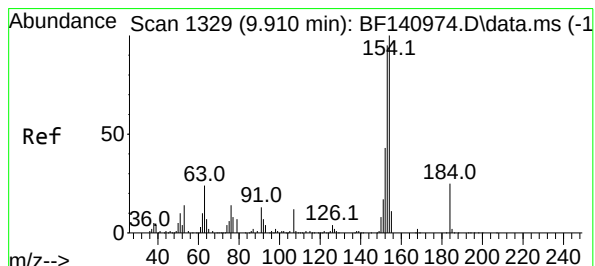
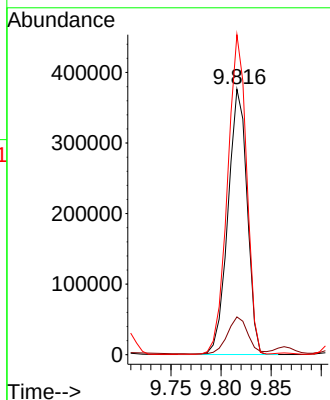
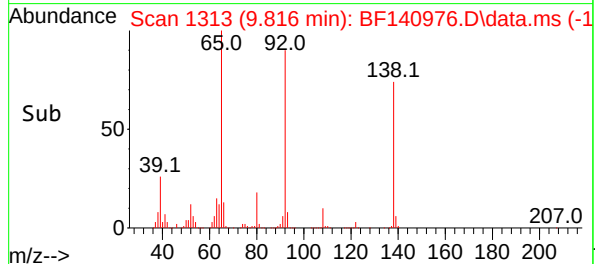
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

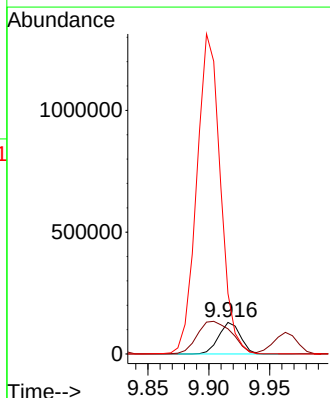
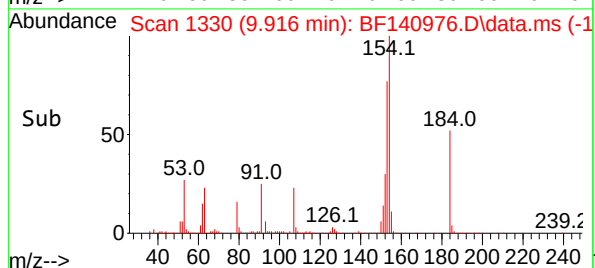
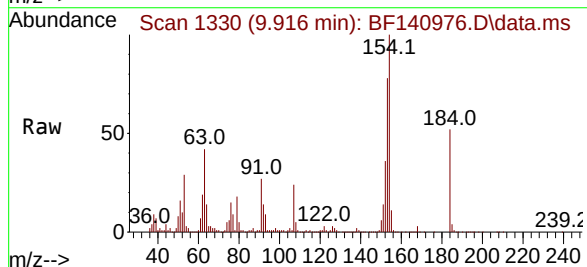
Manual Integrations
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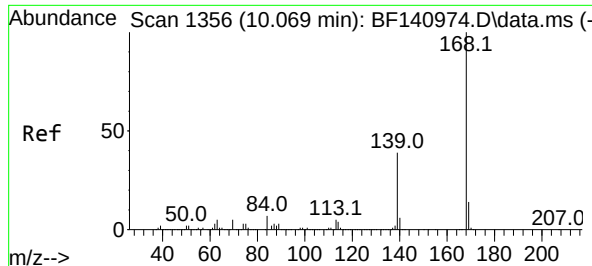
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

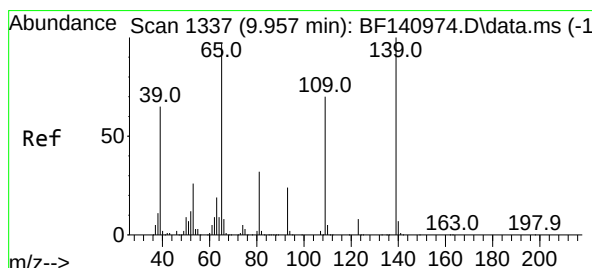
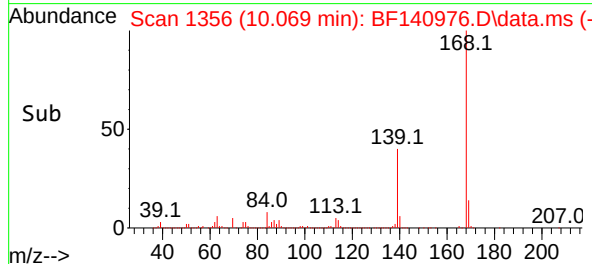
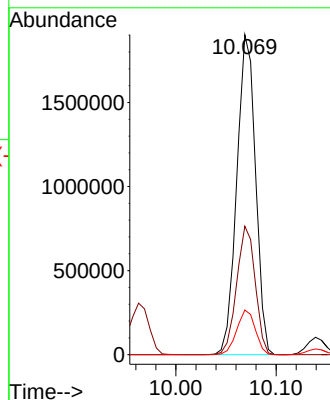
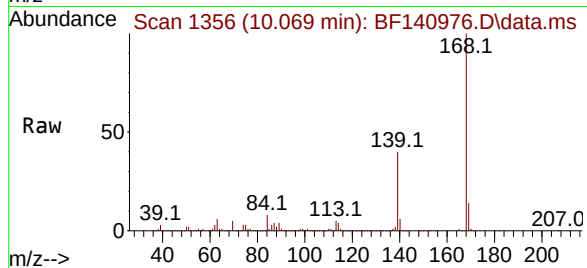
169 14.0 11.0 16.6

Manual Integrations

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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

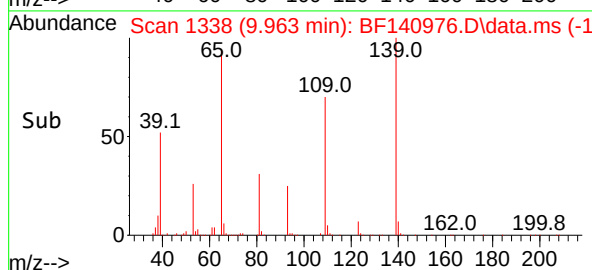
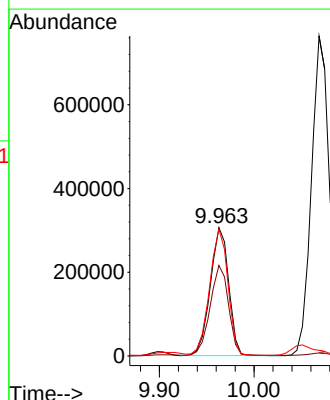
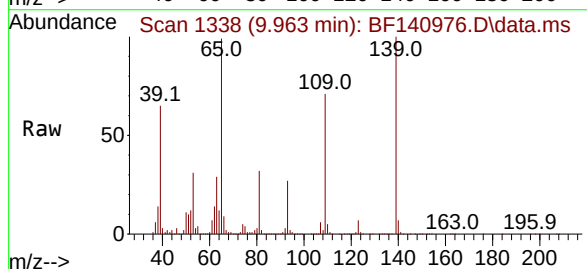
Tgt Ion:139 Resp: 414262

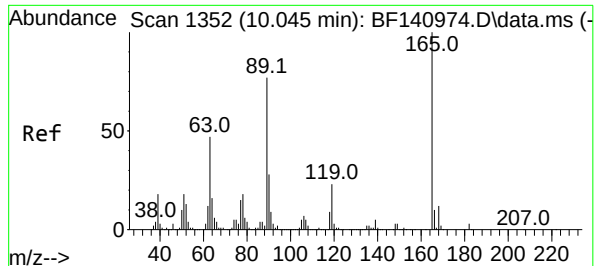
Ion Ratio Lower Upper

139 100

109 70.5 50.8 90.8

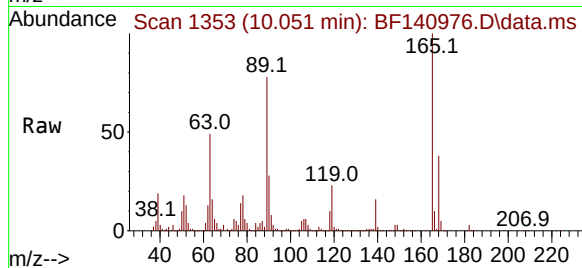
65 99.0 78.5 118.5





#57
2,4-Dinitrotoluene
Concen: 62.002 ng
RT: 10.051 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

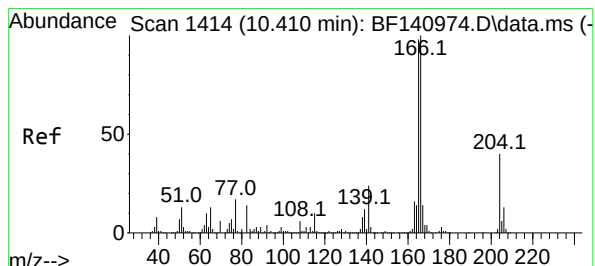
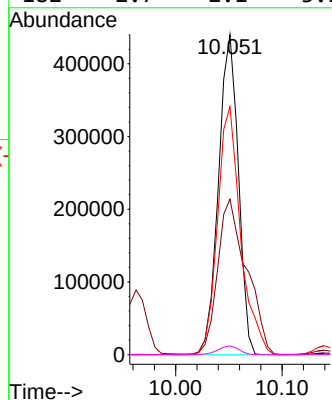
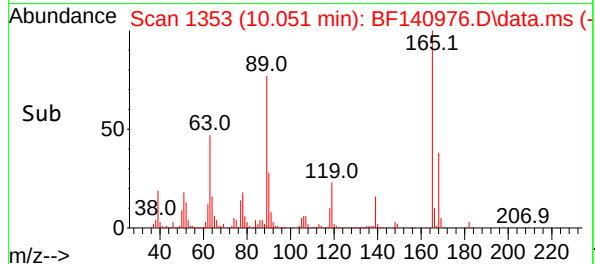
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



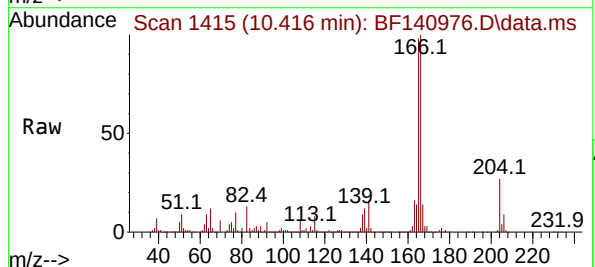
Tgt Ion:165 Resp: 56834
Ion Ratio Lower Upper
165 100
63 48.6 38.1 57.1
89 77.5 61.4 92.2
182 2.7 2.1 3.1

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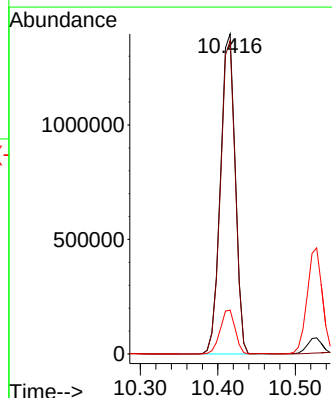
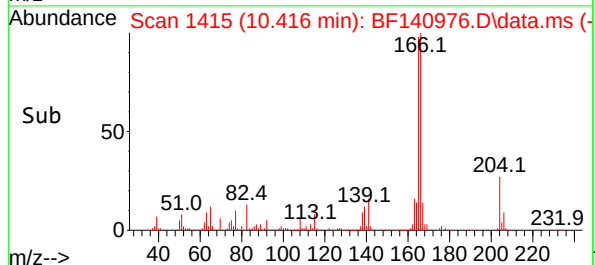
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

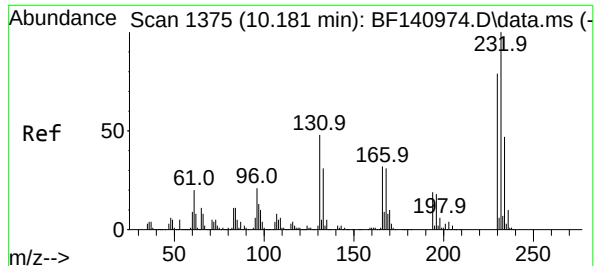


#58
Fluorene
Concen: 54.047 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59



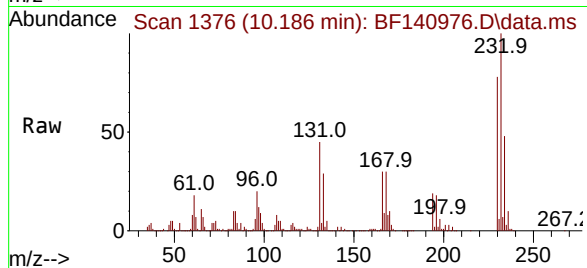
Tgt Ion:166 Resp: 1857483
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.7 10.9 16.3





#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

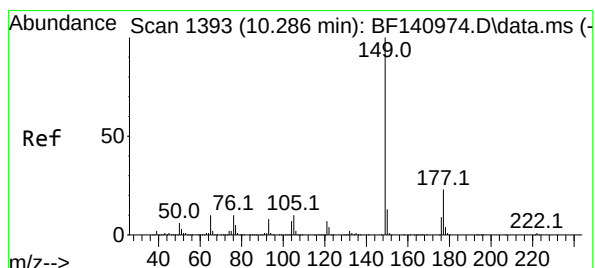
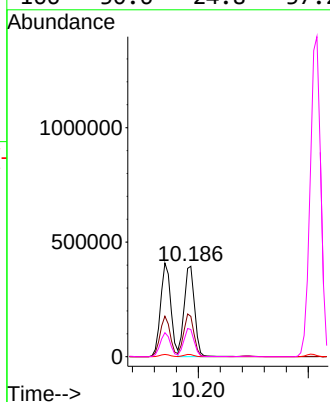
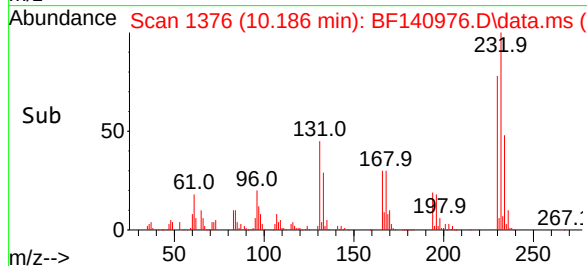
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

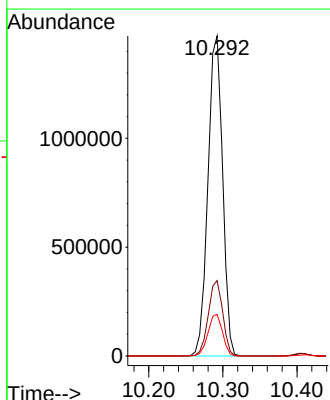
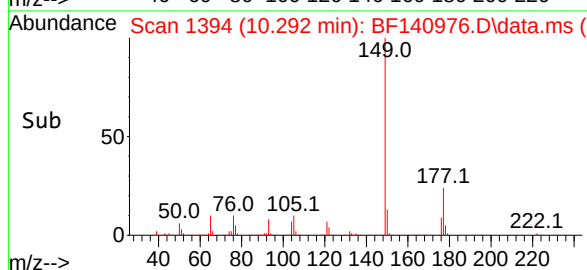
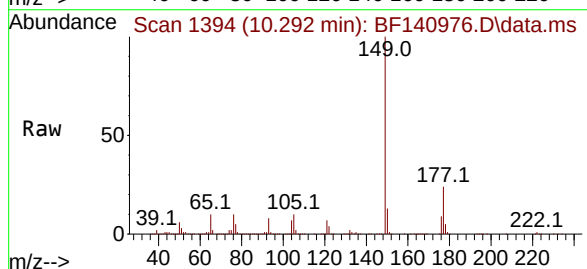
Manual Integrations
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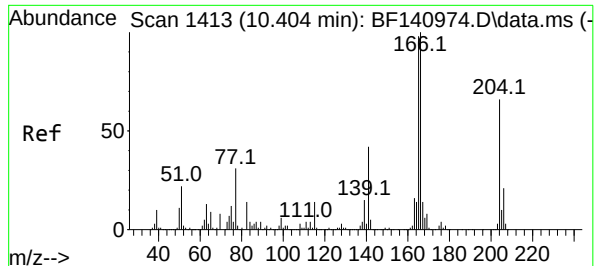
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





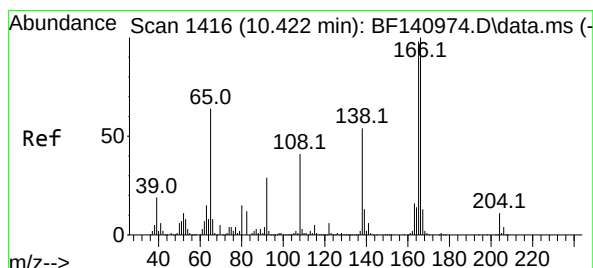
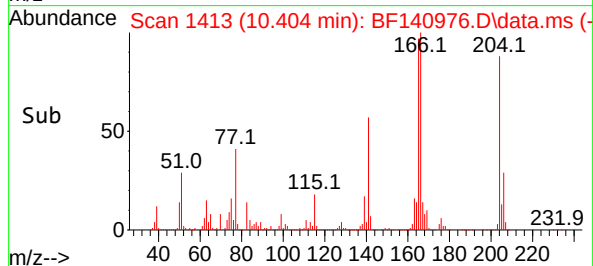
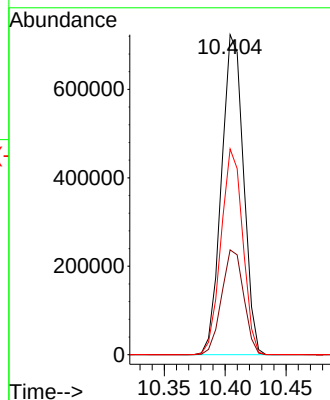
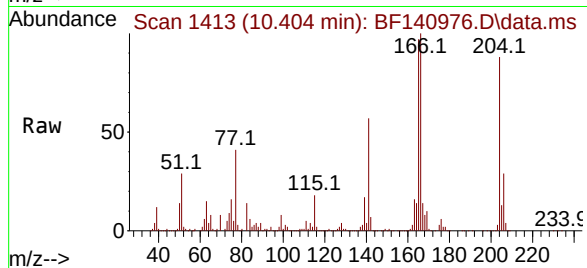
#61
4-Chlorophenyl-phenylether
Concen: 55.139 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

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

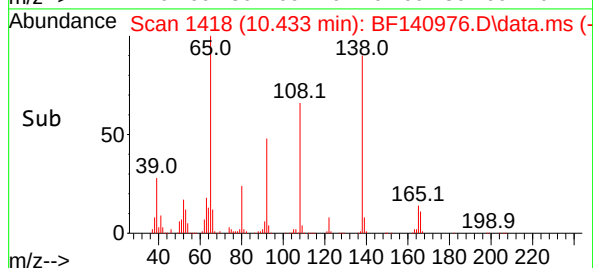
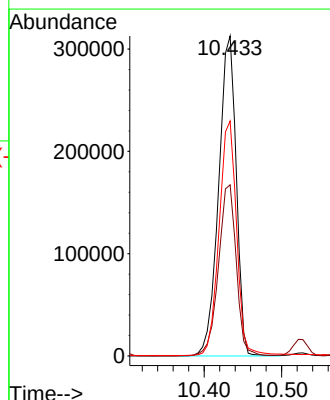
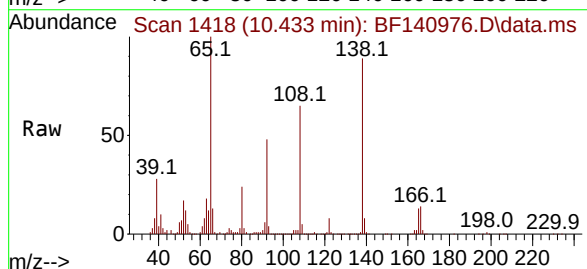
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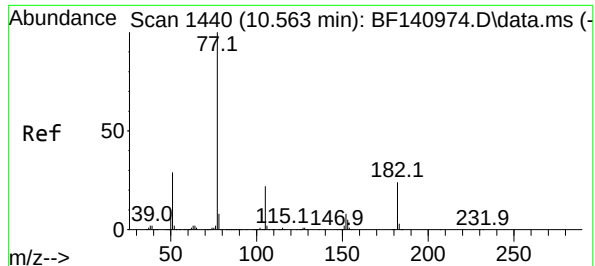
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





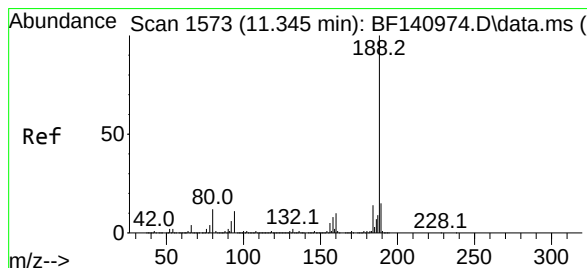
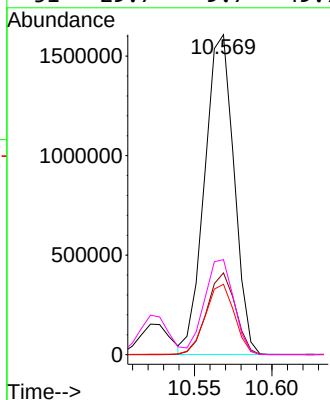
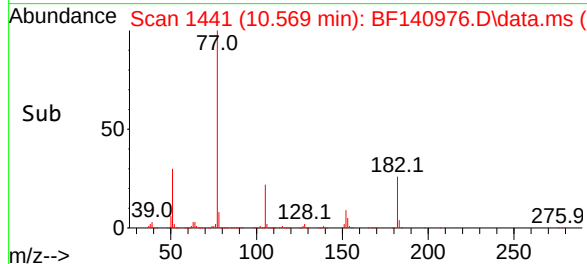
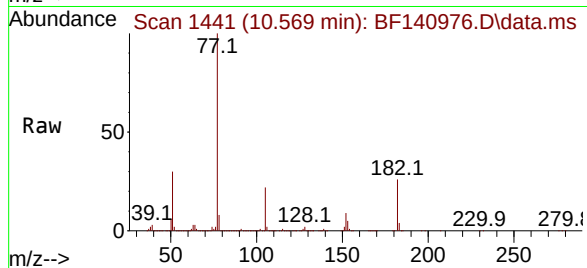
#63
Azobenzene
Concen: 56.916 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

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

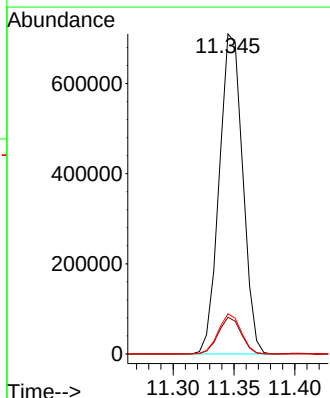
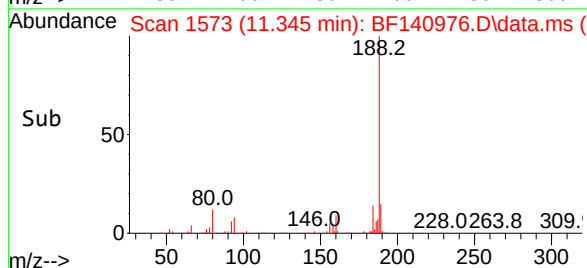
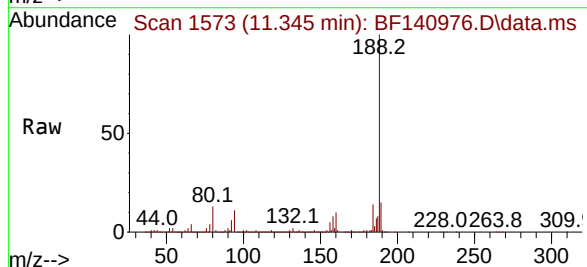
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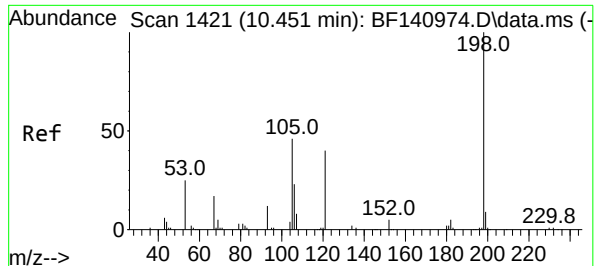
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: 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





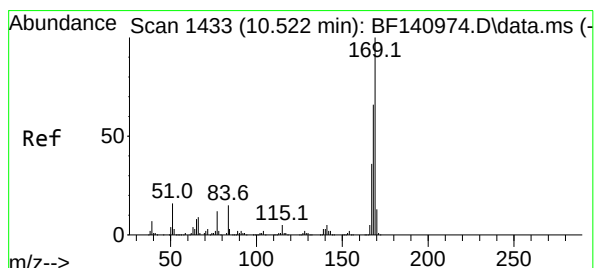
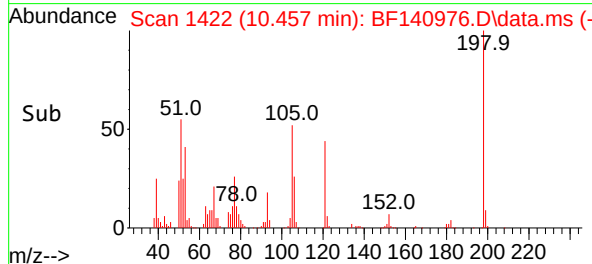
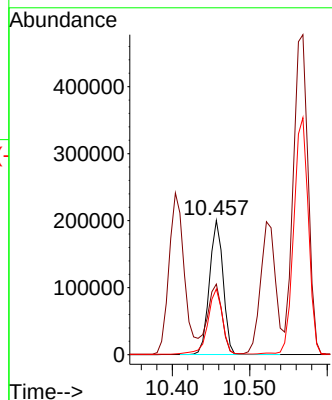
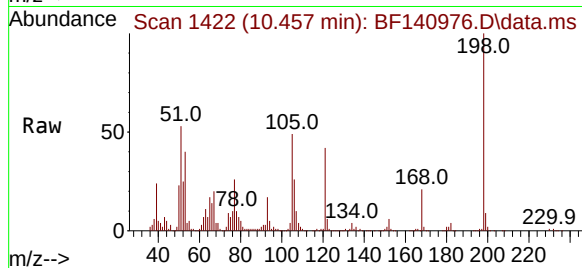
#65
4,6-Dinitro-2-methylphenol
Concen: 61.133 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

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

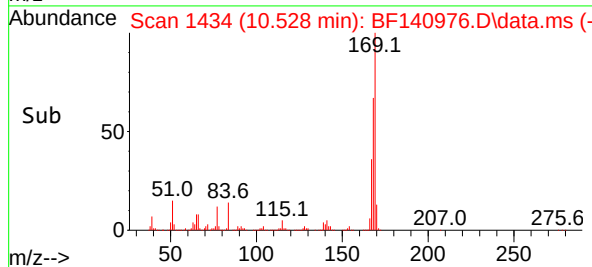
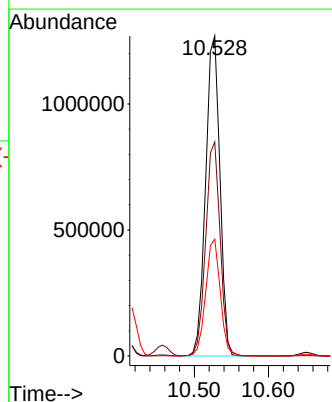
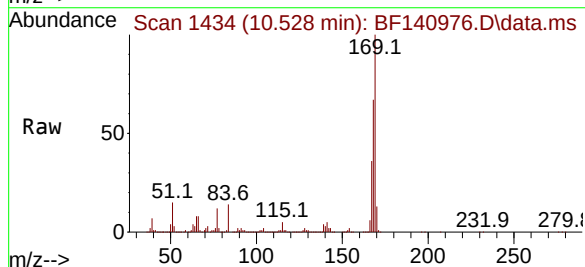
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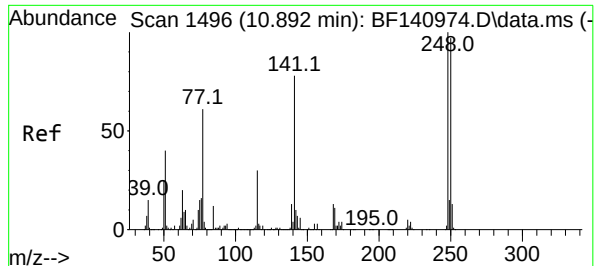
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

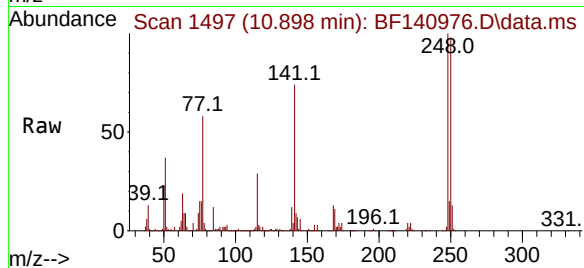
Tgt Ion:169 Resp: 1699227
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 36.5 29.0 43.4





#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

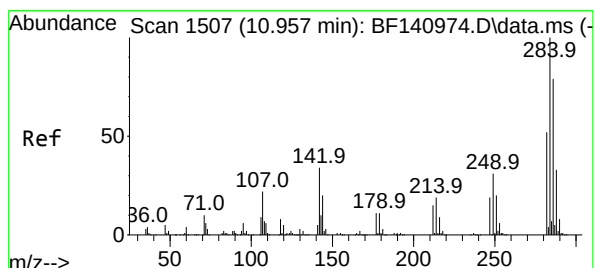
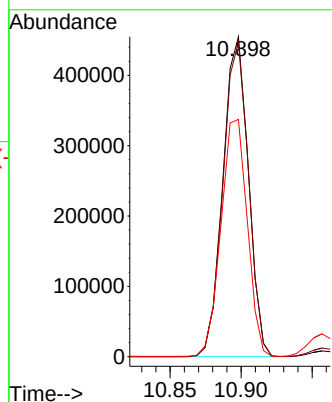
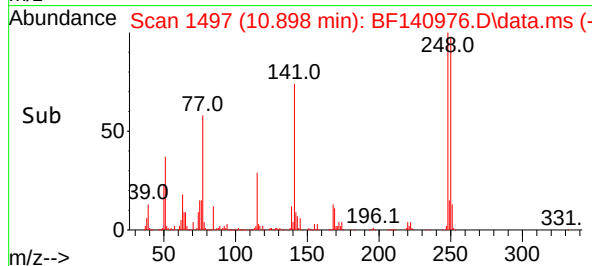
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



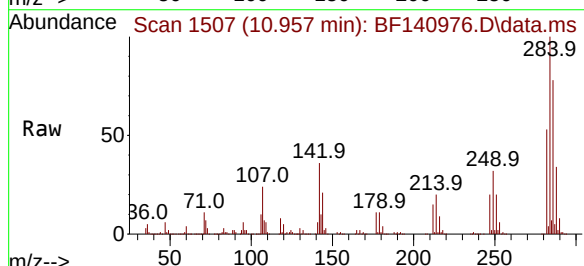
Tgt Ion:248 Resp: 568559
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 74.2 62.1 93.1

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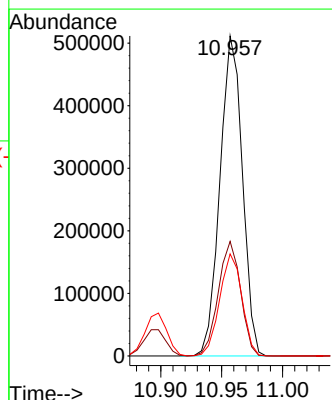
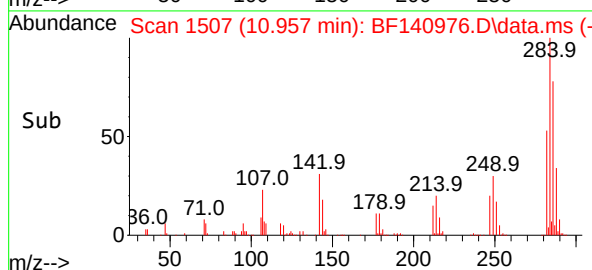
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

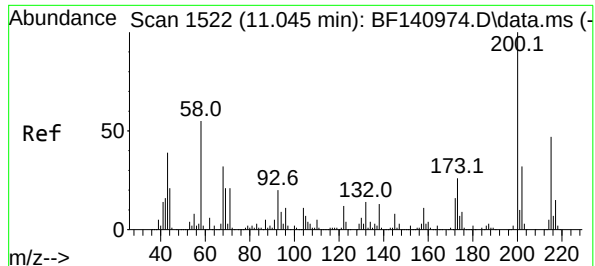


#68
Hexachlorobenzene
Concen: 57.748 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59



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

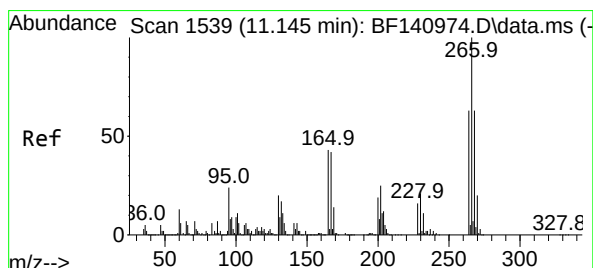
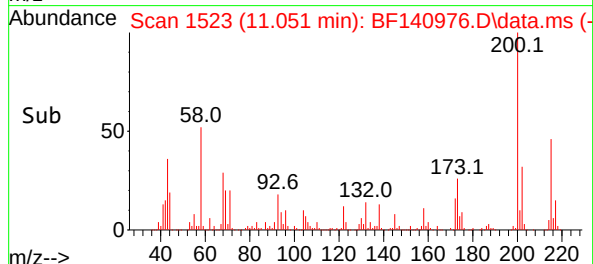
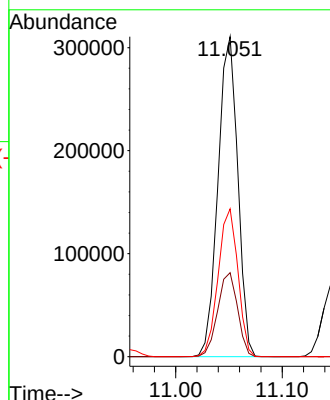
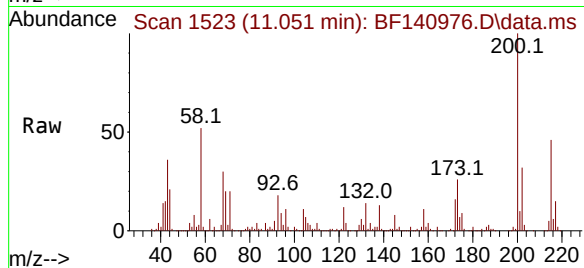
215 46.2 27.2 67.2

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

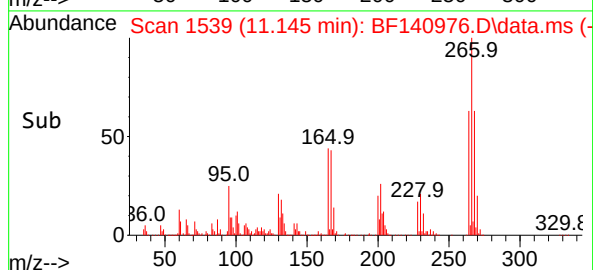
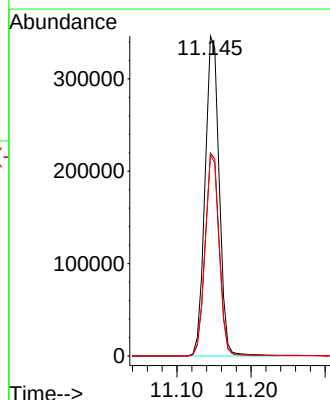
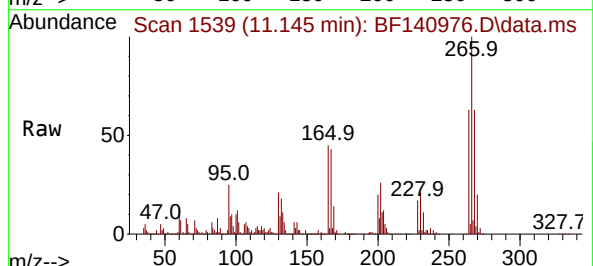
Tgt Ion:266 Resp: 459586

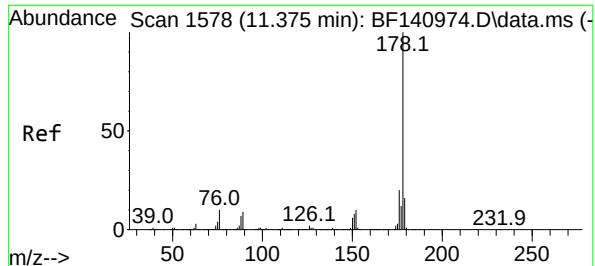
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 62.9 50.2 75.4





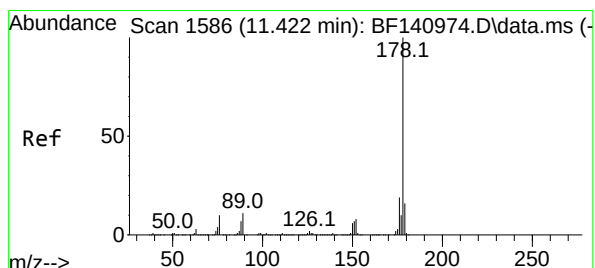
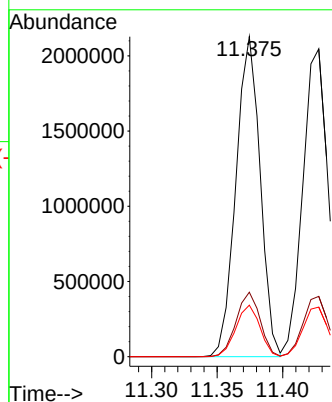
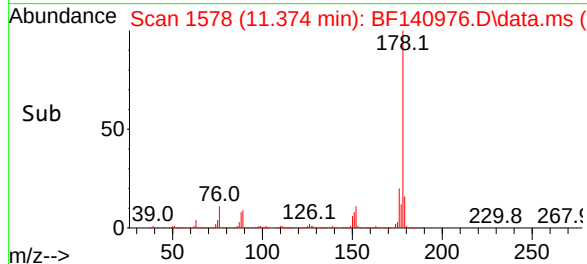
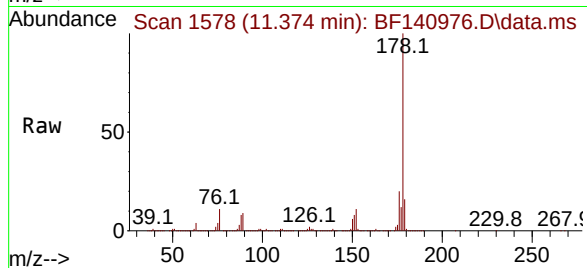
#71
Phenanthrene
Concen: 54.589 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

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

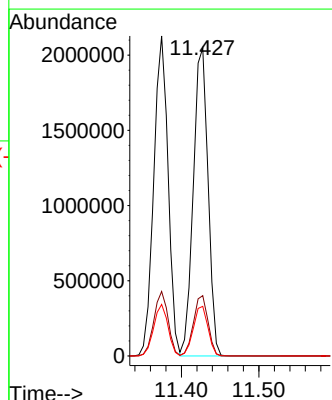
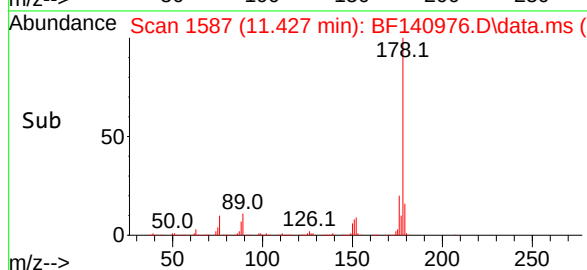
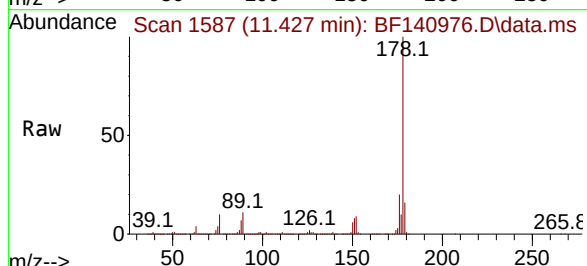
Manual Integrations
APPROVED

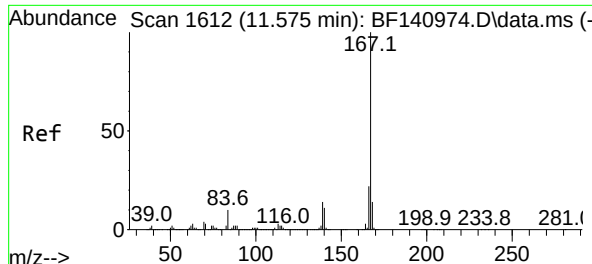
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

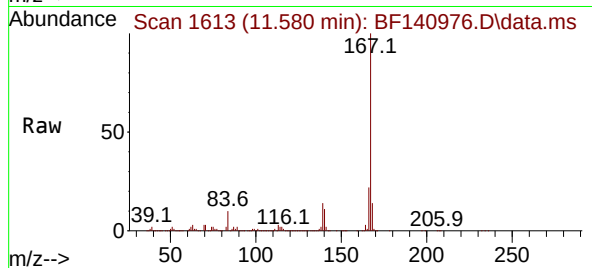
Tgt Ion:178 Resp: 2700285
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 16.1 12.9 19.3





#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

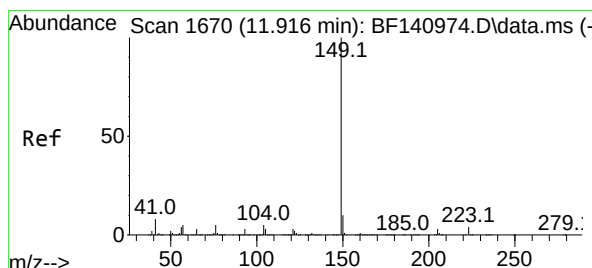
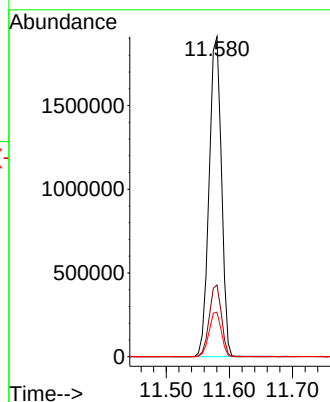
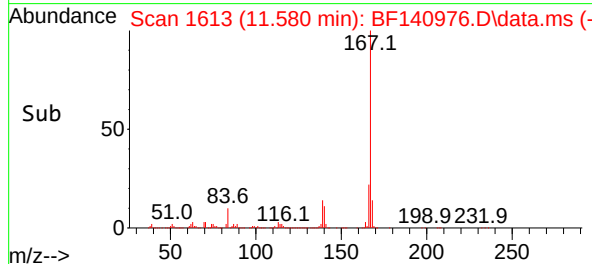
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

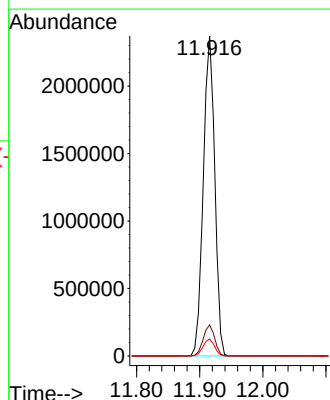
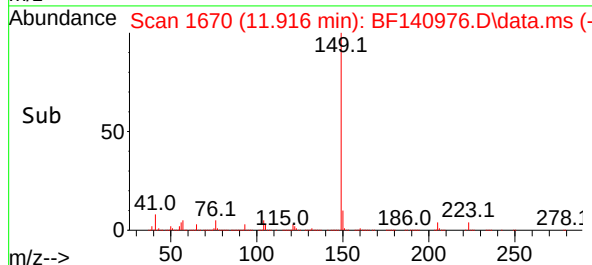
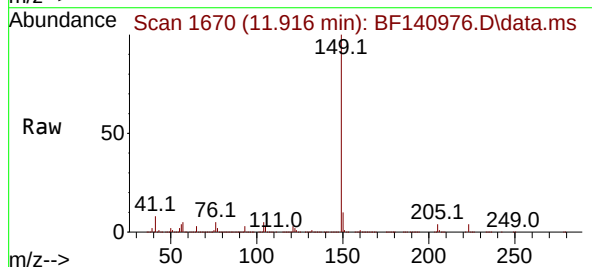
Manual Integrations
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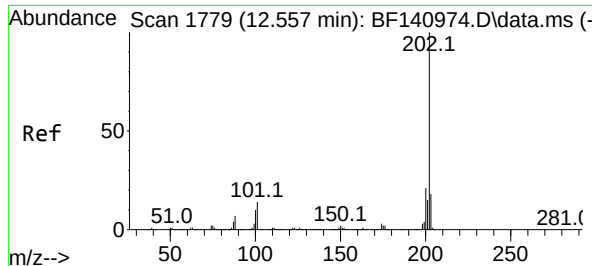
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

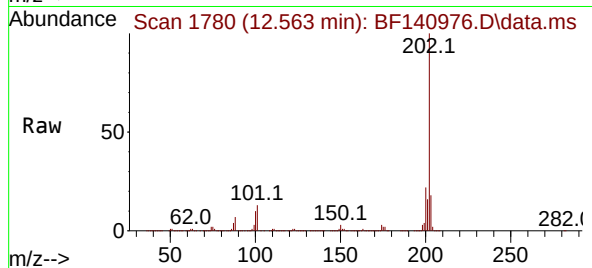
Tgt Ion:149 Resp: 2982533
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 54.394 ng
RT: 12.563 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

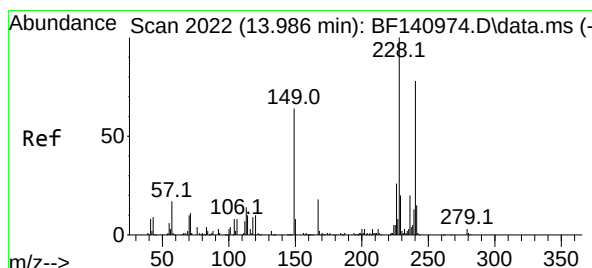
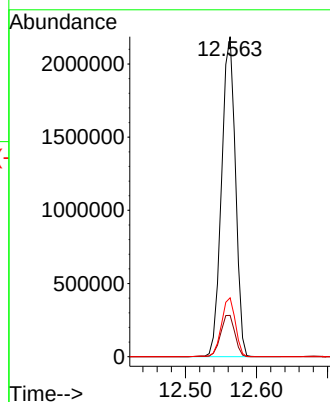
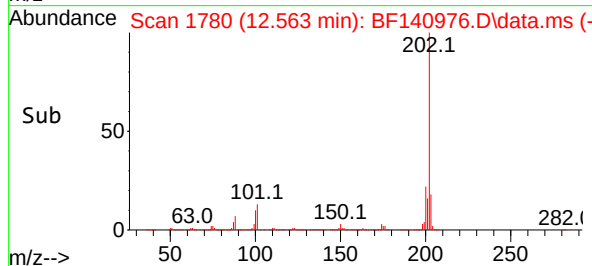
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

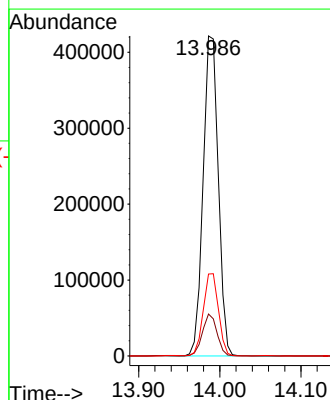
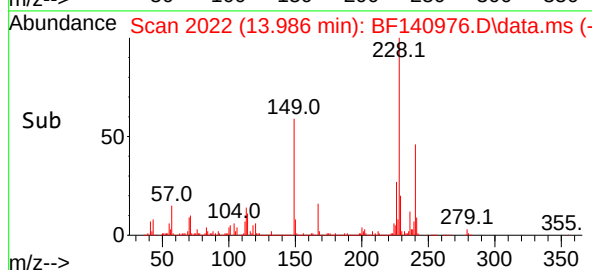
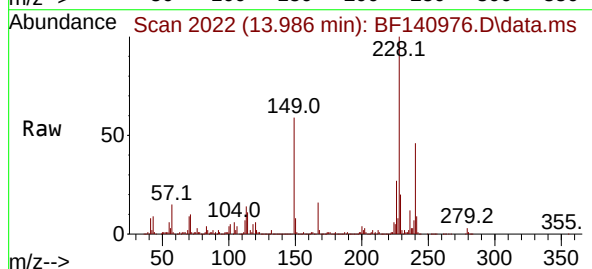
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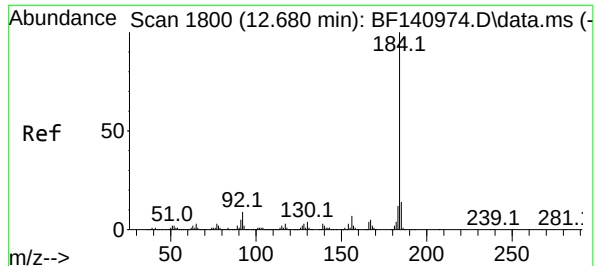
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

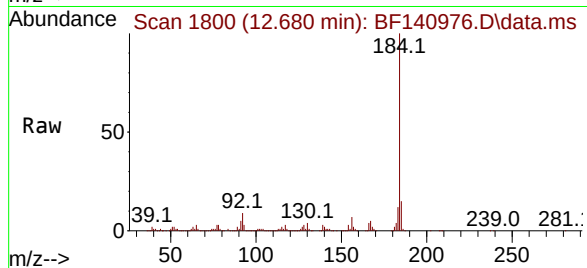
Tgt Ion:240 Resp: 546797
Ion Ratio Lower Upper
240 100
120 13.1 10.7 16.1
236 25.6 20.6 31.0





#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

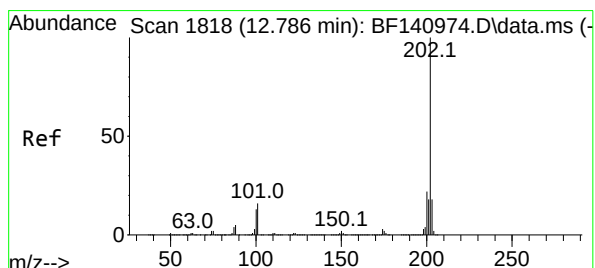
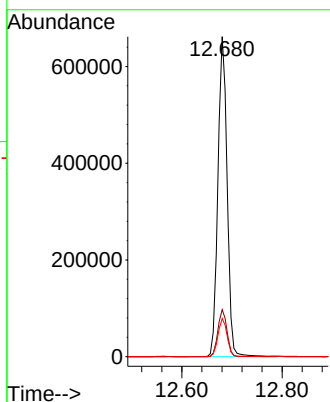
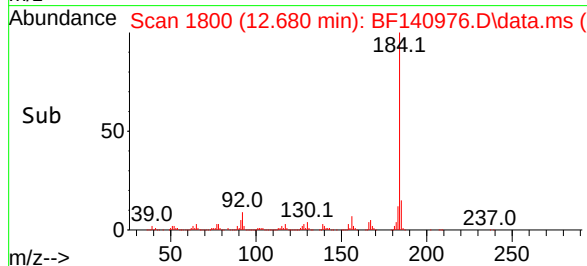
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

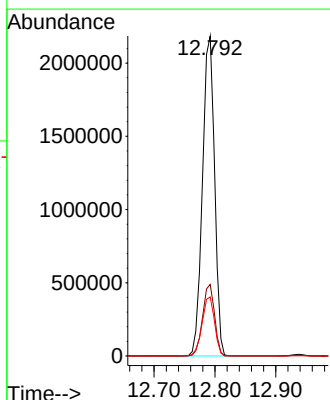
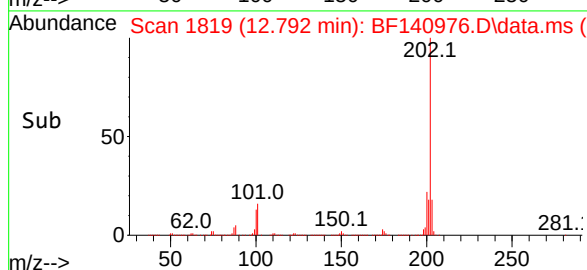
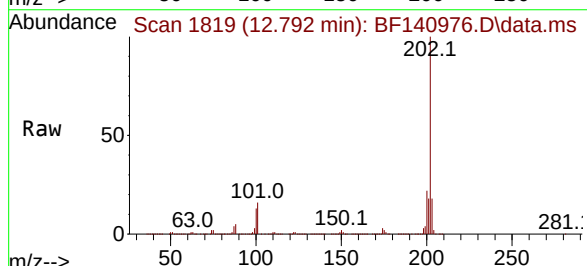
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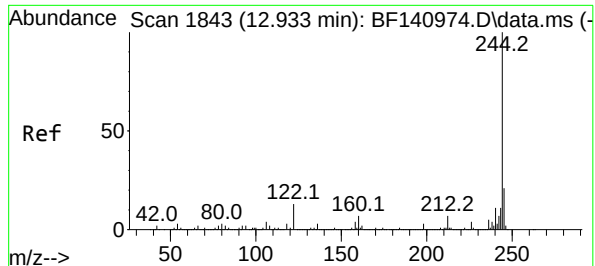
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

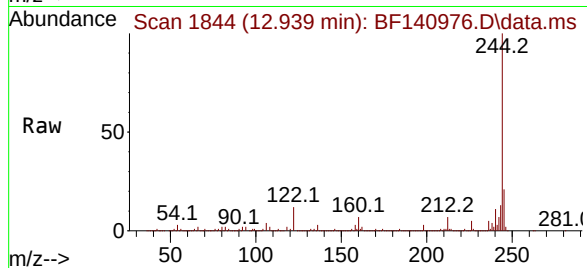
Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:244 Resp: 4068420

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

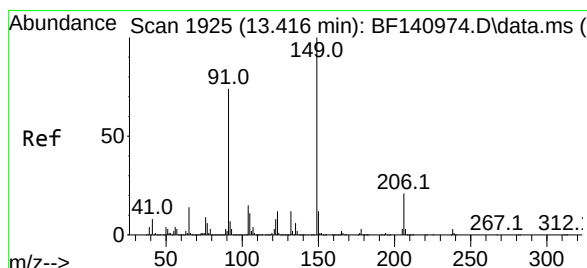
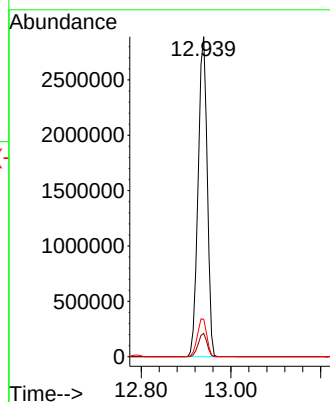
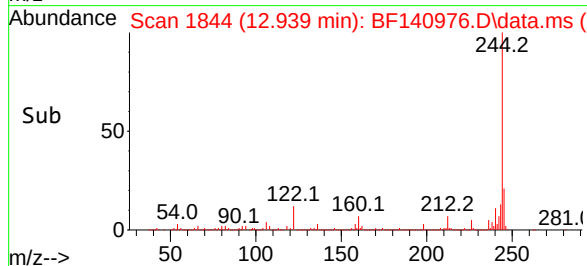
122 11.7 10.2 15.2

Manual Integrations

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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

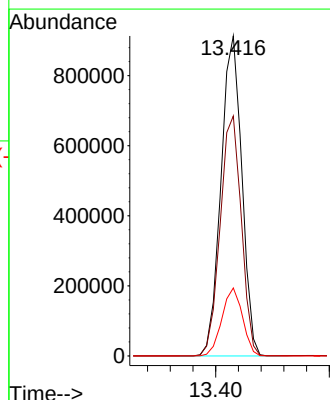
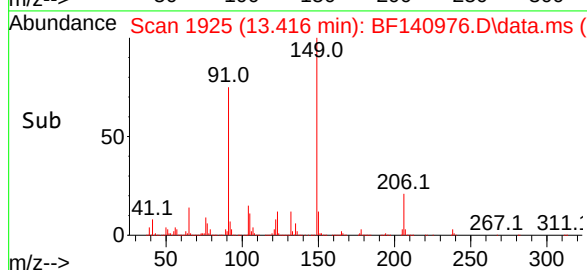
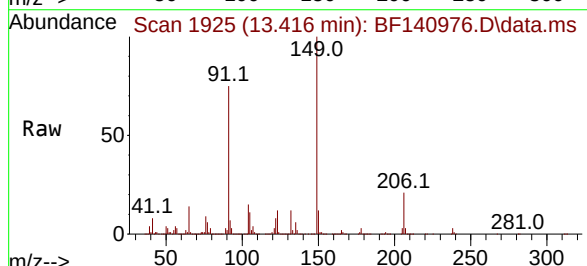
Tgt Ion:149 Resp: 1164076

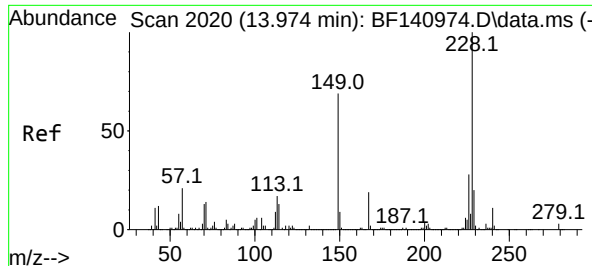
Ion Ratio Lower Upper

149 100

91 75.0 59.5 89.3

206 21.3 17.1 25.7





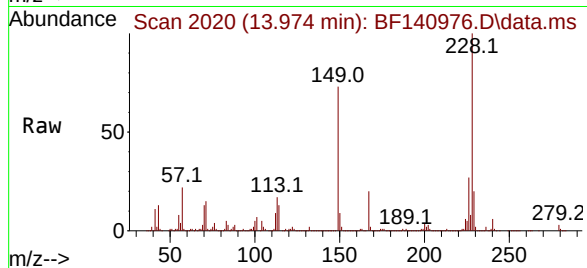
#81
Benzo(a)anthracene
Concen: 57.454 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

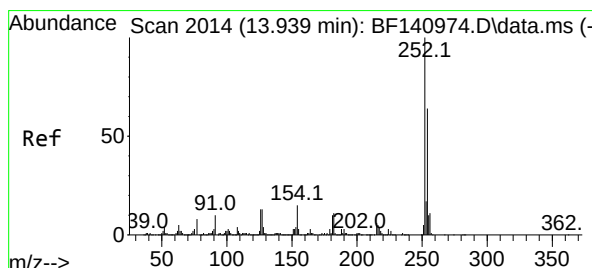
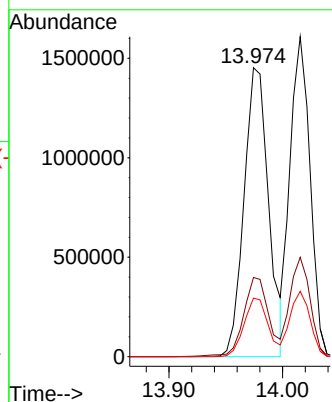
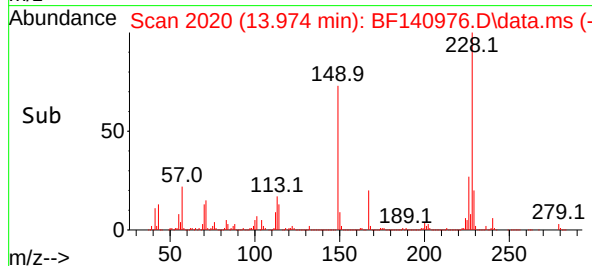


Tgt Ion:228 Resp: 2189499
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.3 16.2 24.2

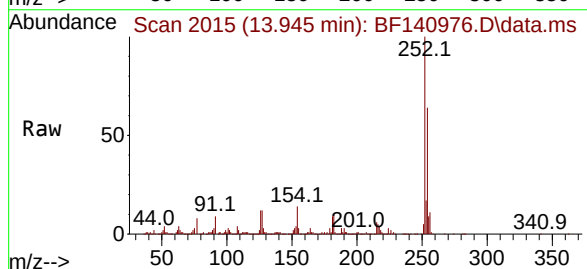
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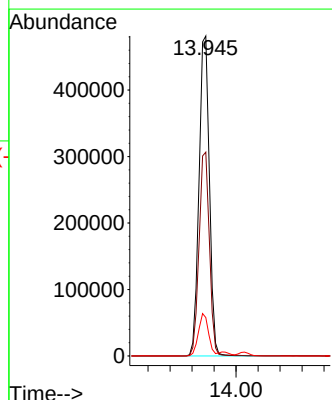
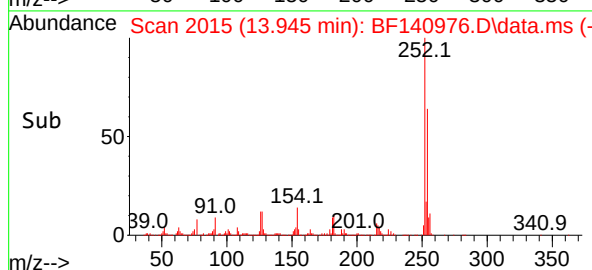
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

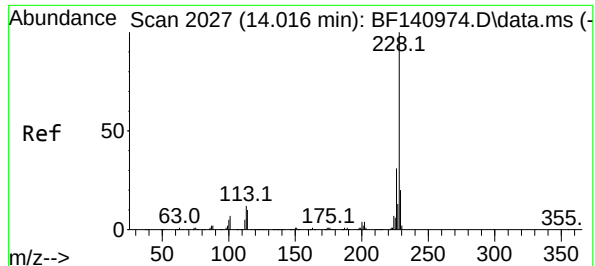


#82
3,3'-Dichlorobenzidine
Concen: 55.291 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59



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# 20

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

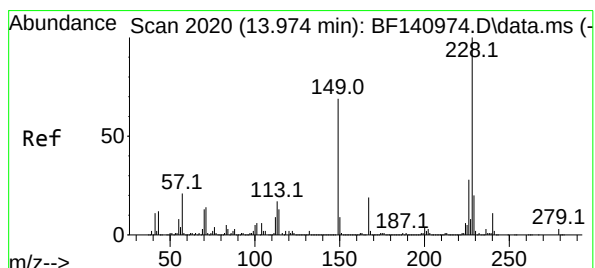
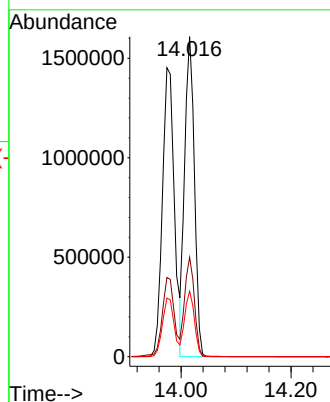
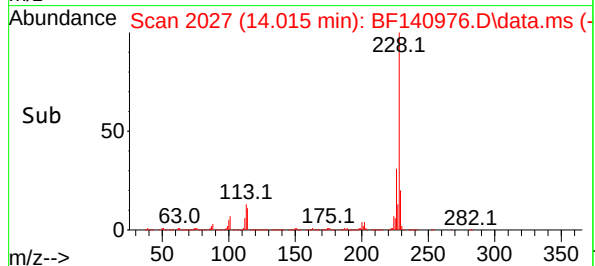
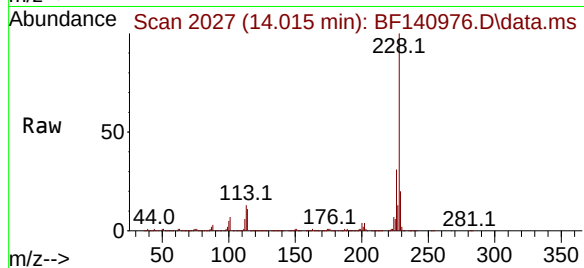
229 20.5 16.2 24.4

Manual Integrations

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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

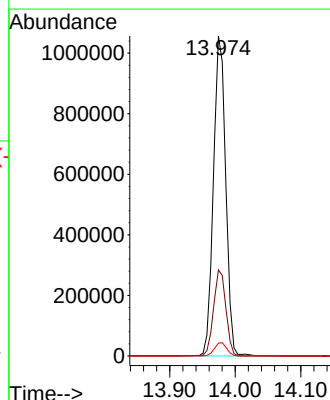
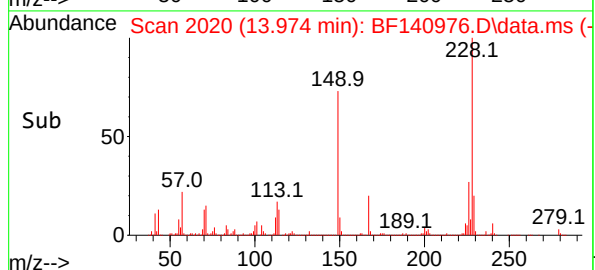
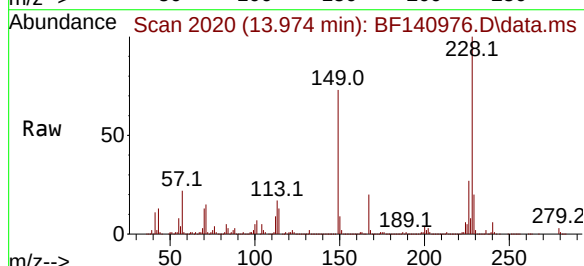
Tgt Ion:149 Resp: 1372706

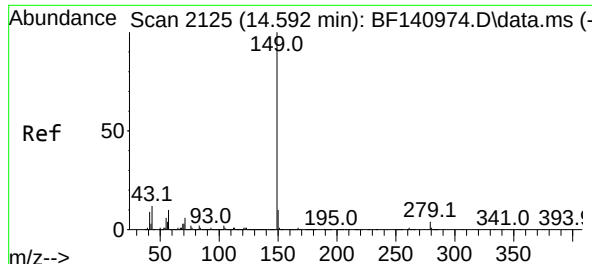
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

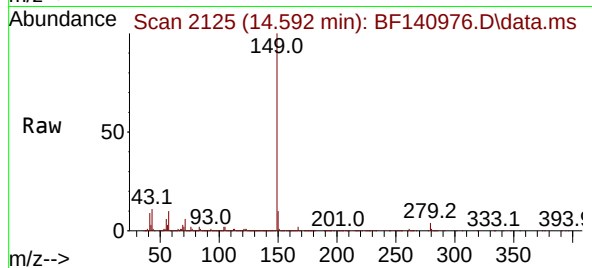
279 4.0 3.2 4.8





#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

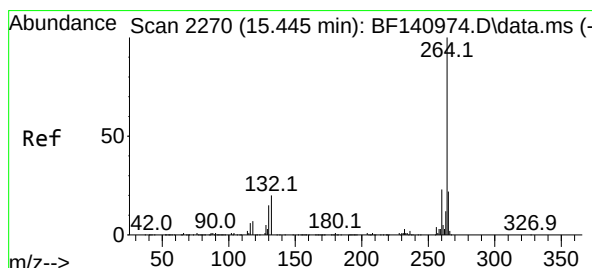
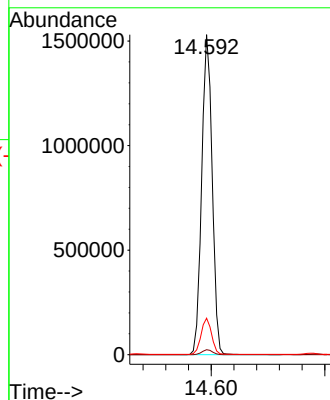
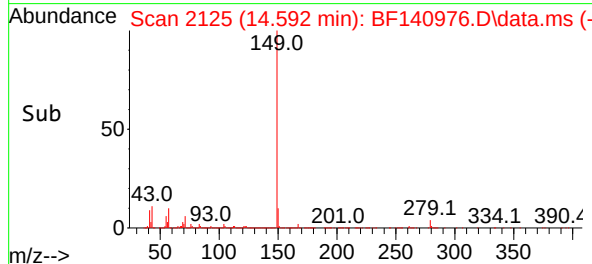
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



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

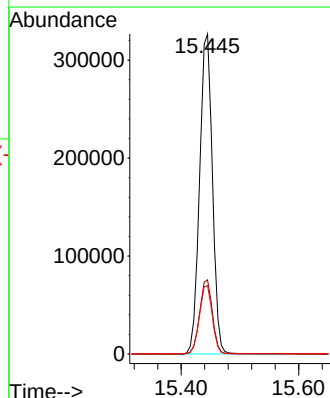
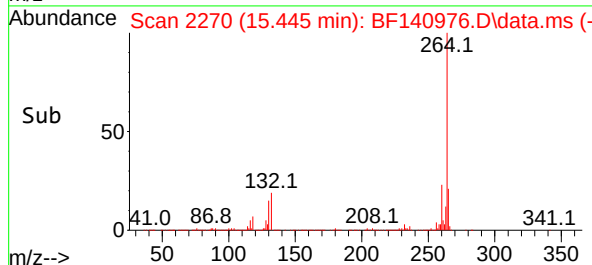
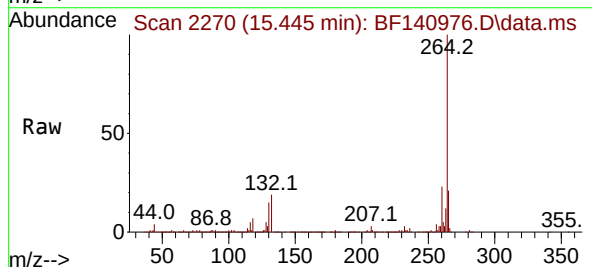
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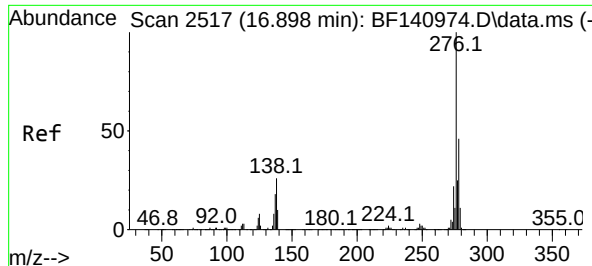
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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# 21

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

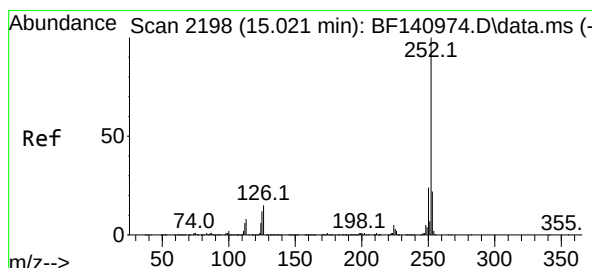
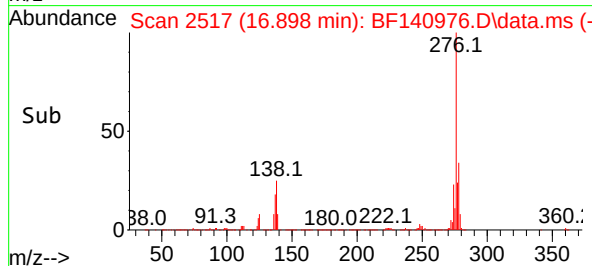
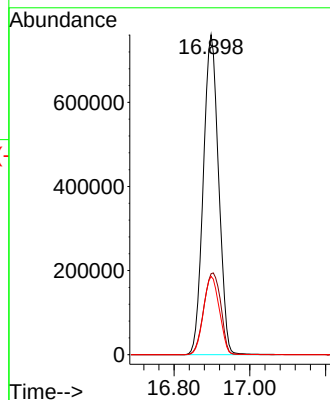
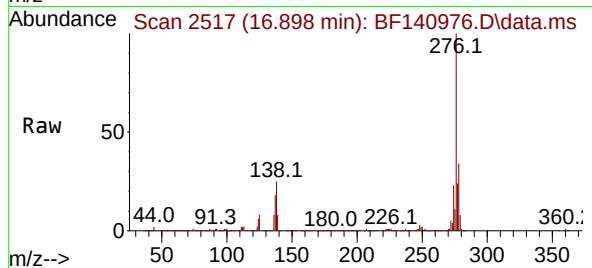
277 25.5 20.4 30.6

Manual Integrations

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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

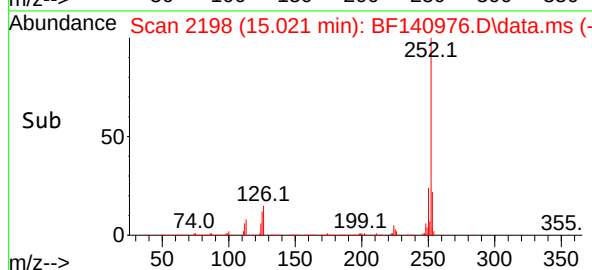
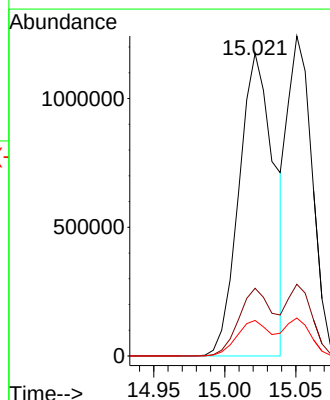
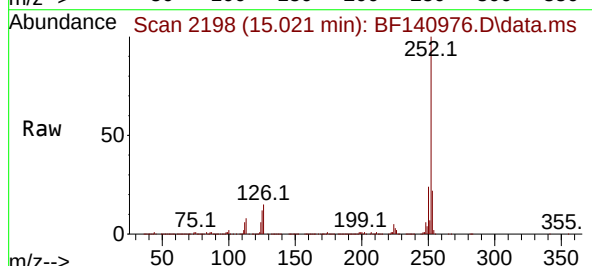
Tgt Ion:252 Resp: 2019420

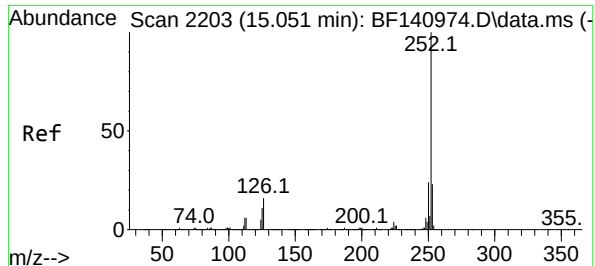
Ion Ratio Lower Upper

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

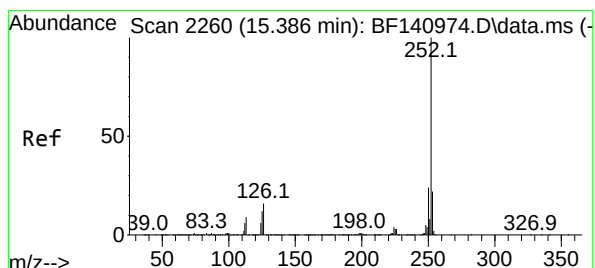
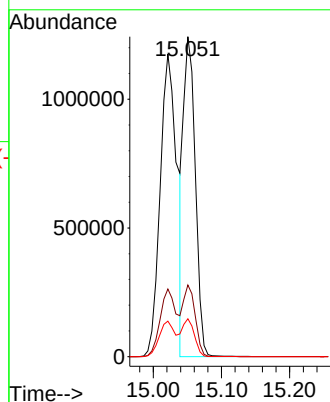
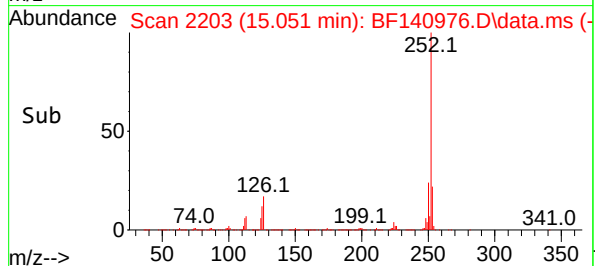
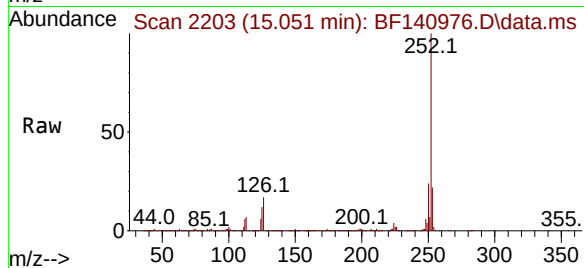
125 11.9 9.4 14.0

Manual Integrations

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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

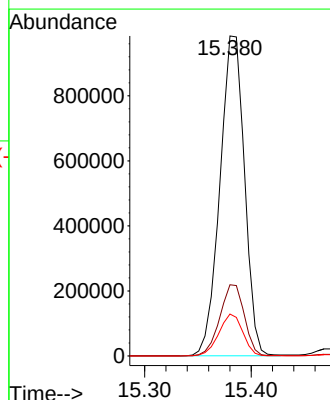
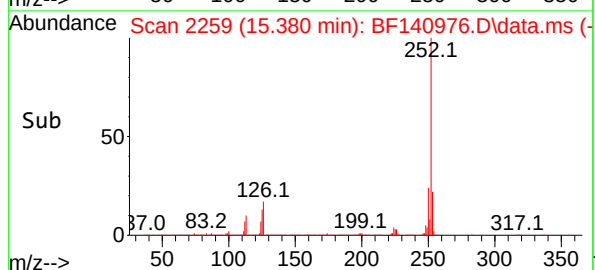
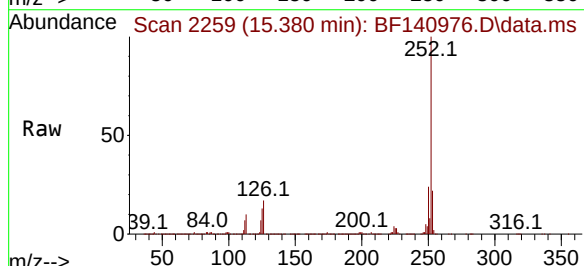
Tgt Ion:252 Resp: 1578812

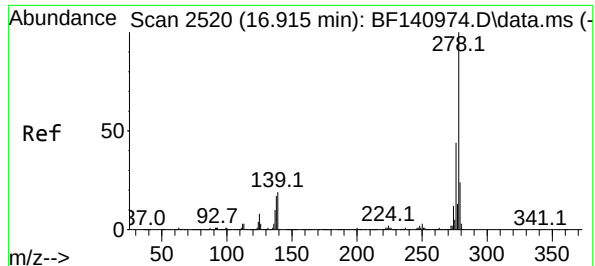
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 13.1 9.8 14.8





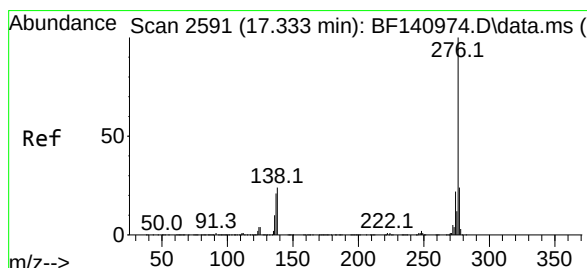
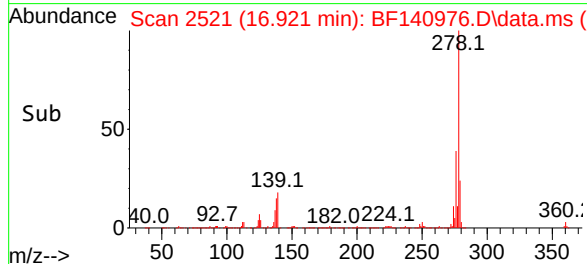
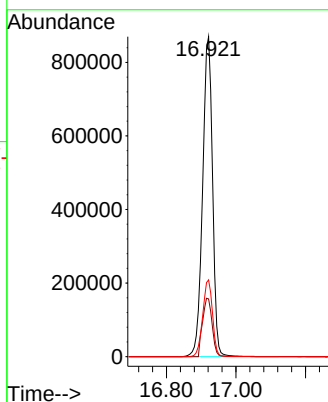
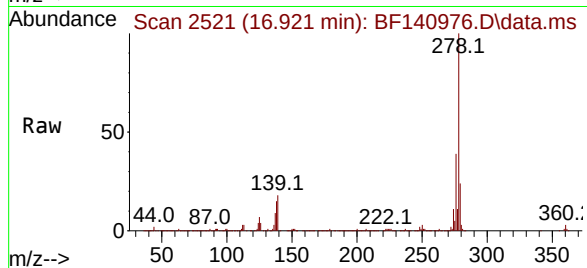
#91
Dibenzo(a,h)anthracene
Concen: 68.425 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF140976.D
Acq: 26 Dec 2024 18:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 1726815
Ion Ratio Lower Upper
278 100
139 18.1 14.9 22.3
279 24.0 19.0 28.6

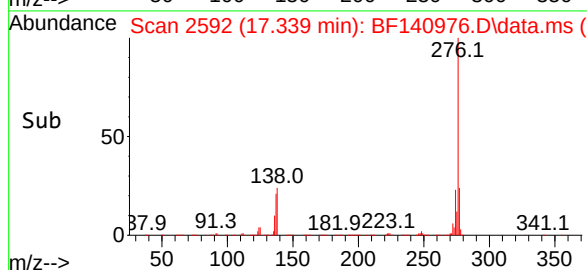
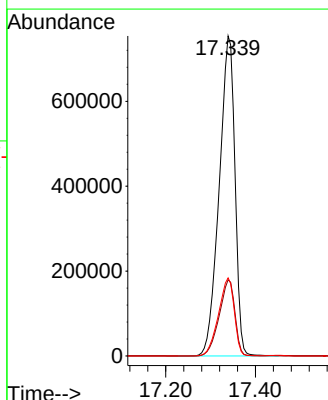
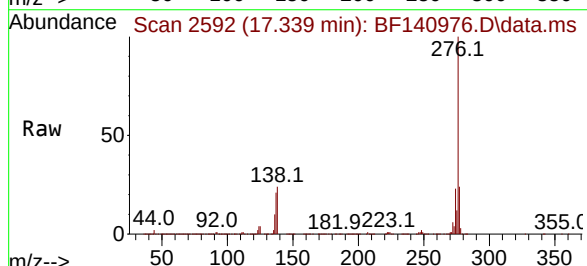
Manual Integrations
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Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

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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)
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

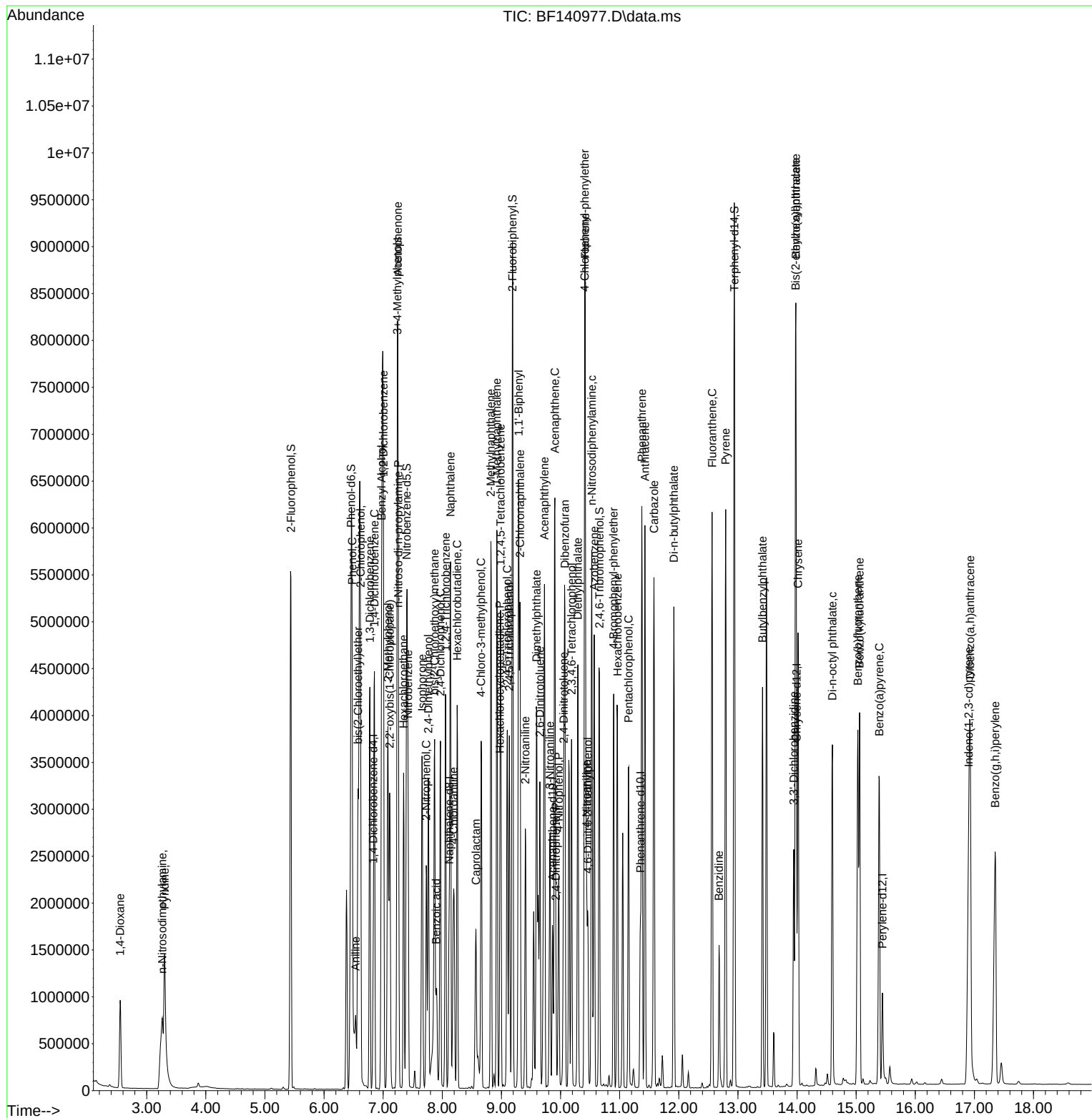
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Data File : BF140977.D
Acq On : 26 Dec 2024 19:25
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

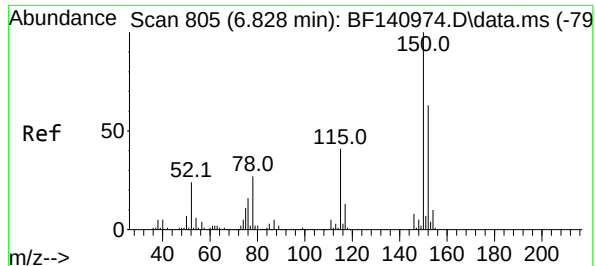
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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#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

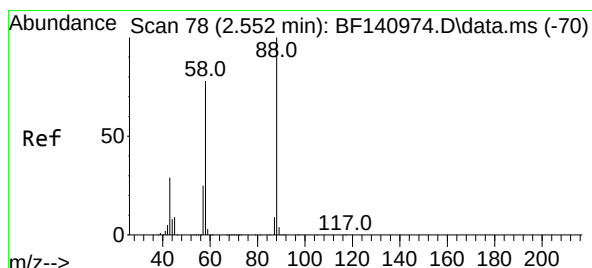
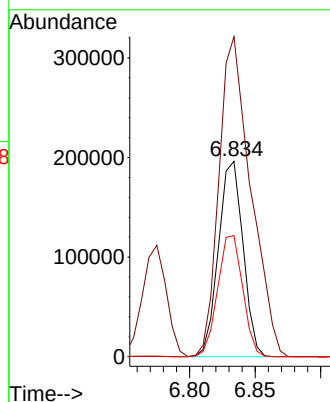
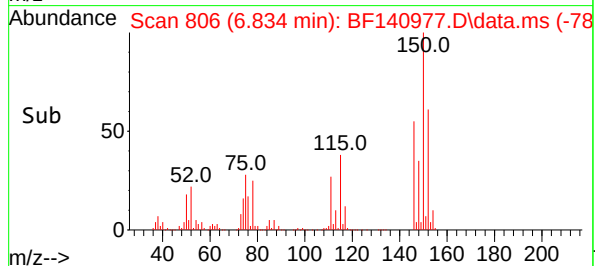
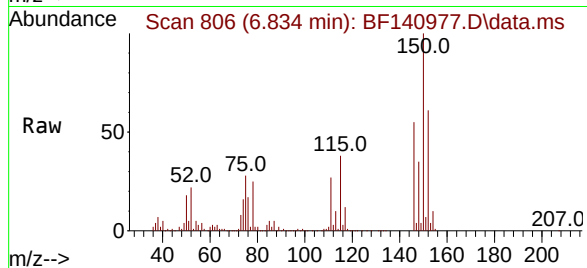
115 62.0 51.7 77.5

Manual Integrations

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#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

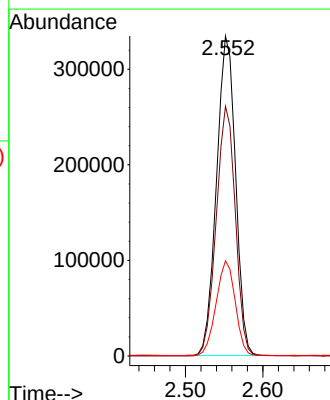
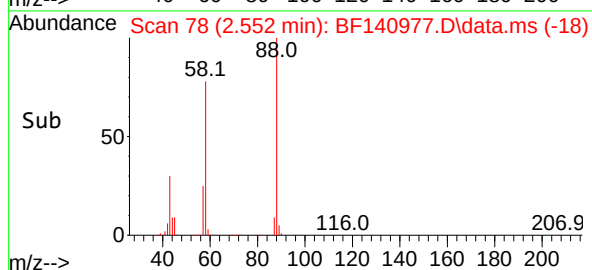
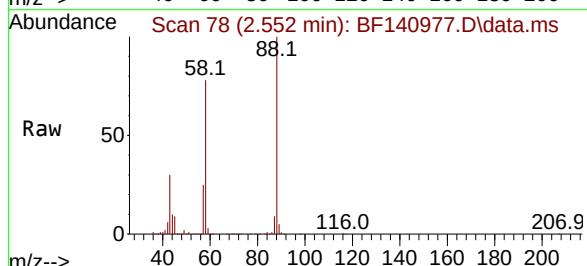
Tgt Ion: 88 Resp: 572464

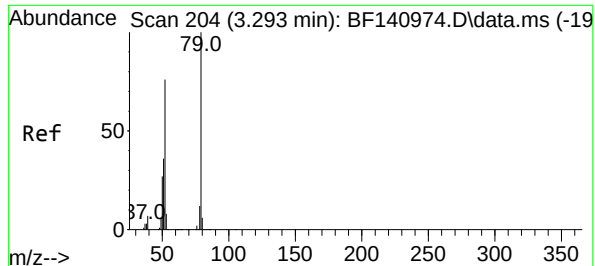
Ion Ratio Lower Upper

88 100

58 78.4 63.0 94.4

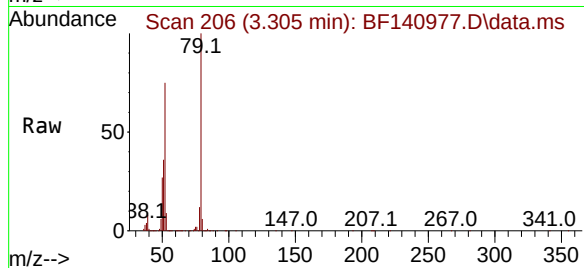
43 29.7 23.4 35.2





#3
Pyridine
Concen: 71.297 ng
RT: 3.305 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

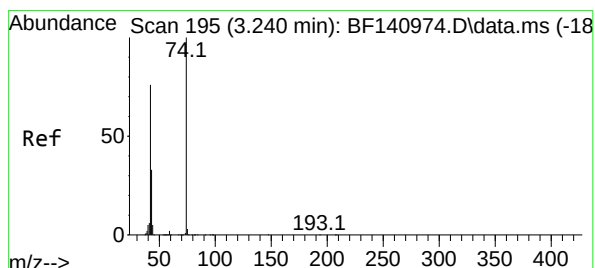
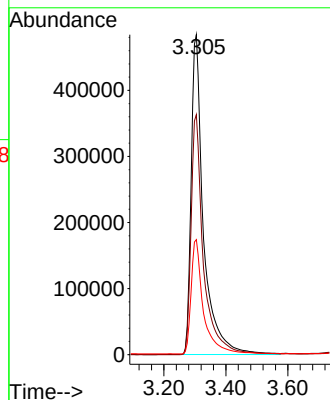
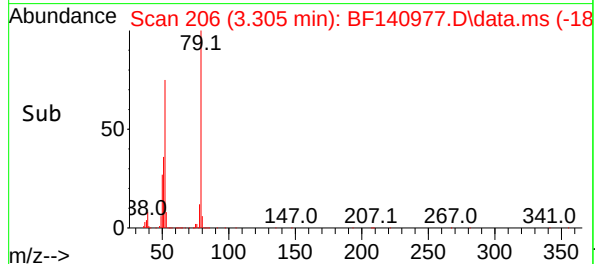
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

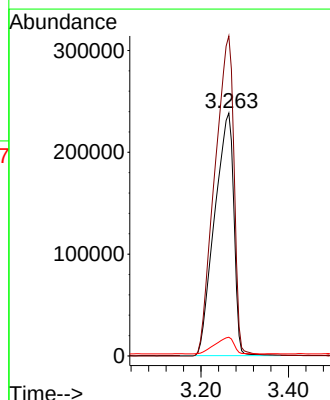
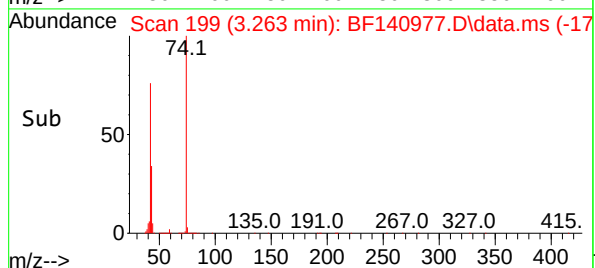
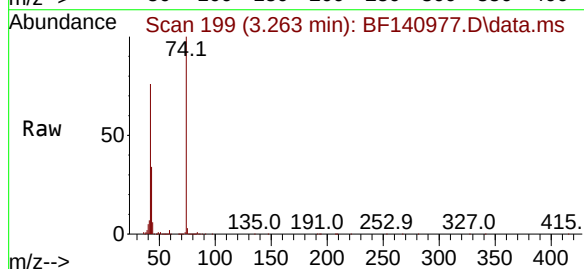
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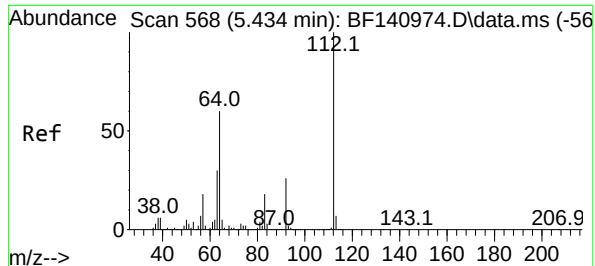
Reviewed By :Yogesh Patel 12/27/2024
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#4
n-Nitrosodimethylamine
Concen: 75.991 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.024 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

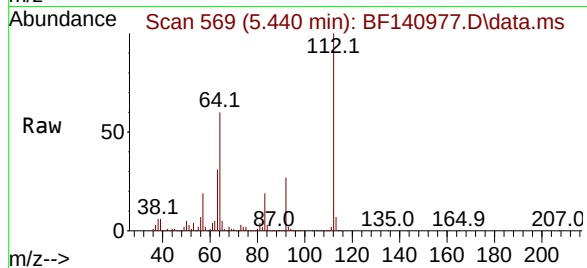
Tgt Ion: 42 Resp: 724146
Ion Ratio Lower Upper
42 100
74 131.8 105.8 158.6
44 7.7 6.6 10.0





#5
2-Fluorophenol
Concen: 139.333 ng
RT: 5.440 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

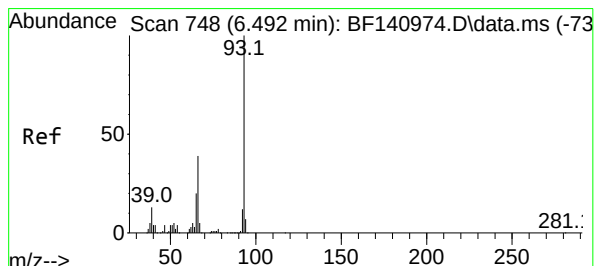
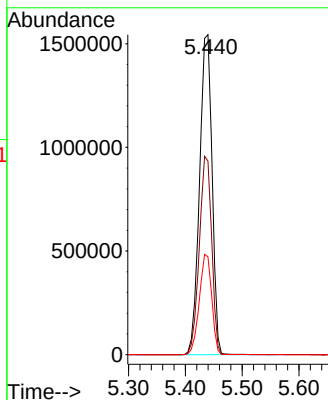
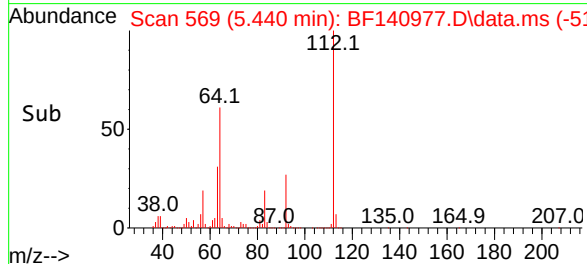
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 2368484
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.6 24.2 36.2

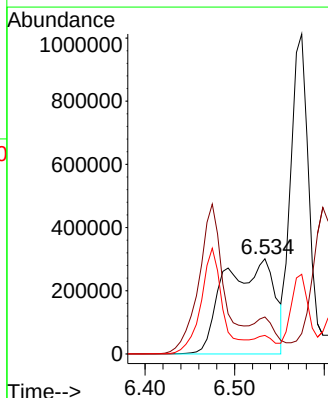
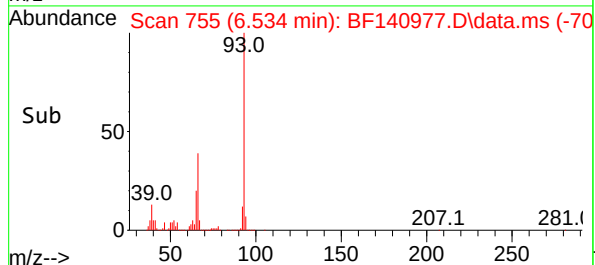
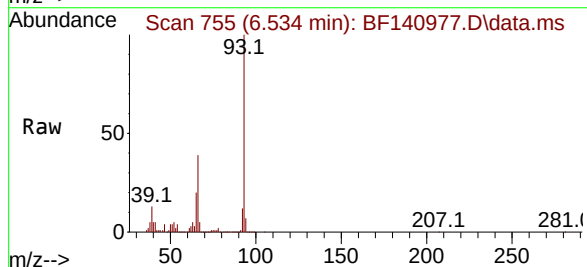
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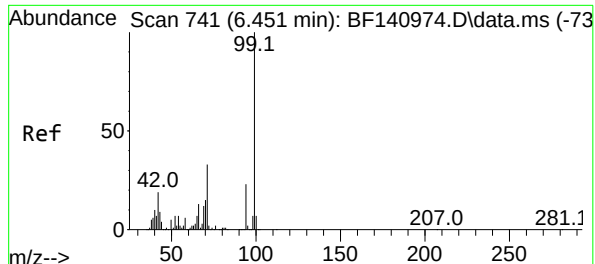
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 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

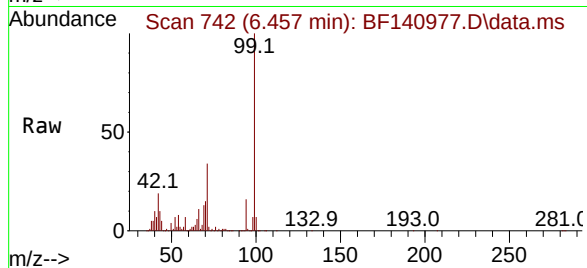
Tgt Ion: 93 Resp: 1154312
Ion Ratio Lower Upper
93 100
66 38.8 31.8 47.8
65 19.6 15.4 23.0





#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

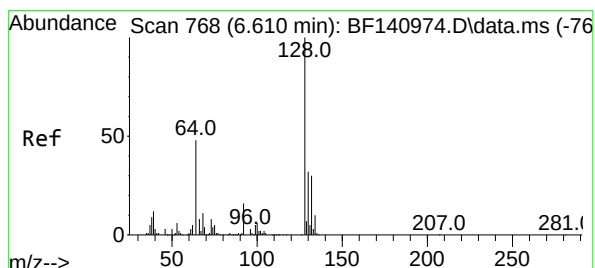
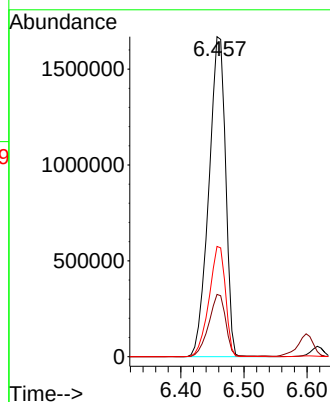
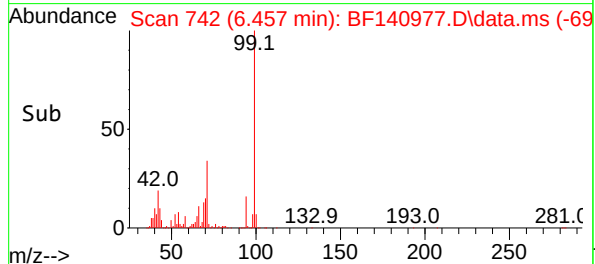
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

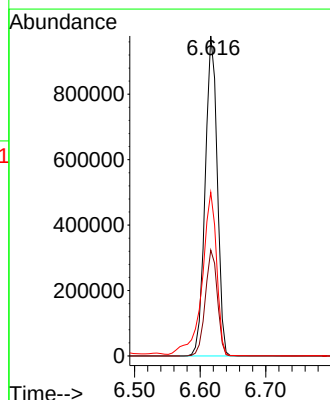
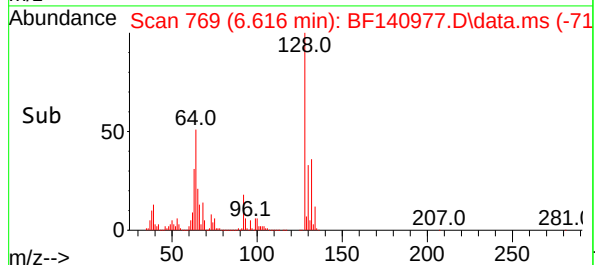
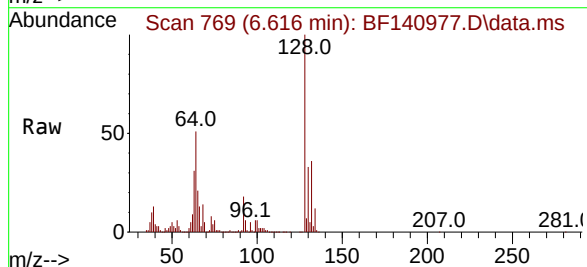
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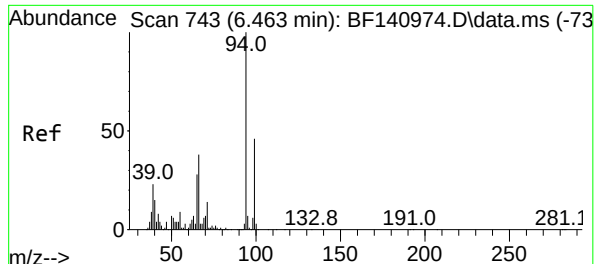
Reviewed By :Yogesh Patel 12/27/2024
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#8
2-Chlorophenol
Concen: 70.145 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

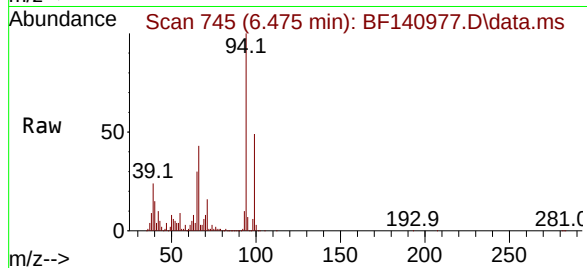
Tgt Ion:128 Resp: 1257135
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 51.2 30.3 70.3





#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

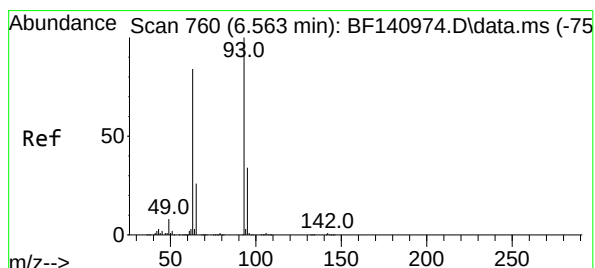
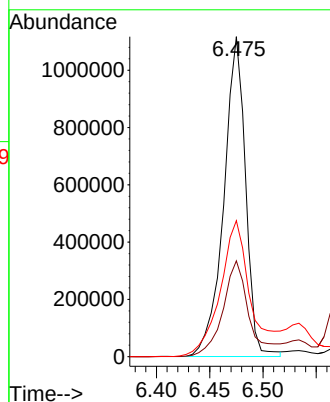
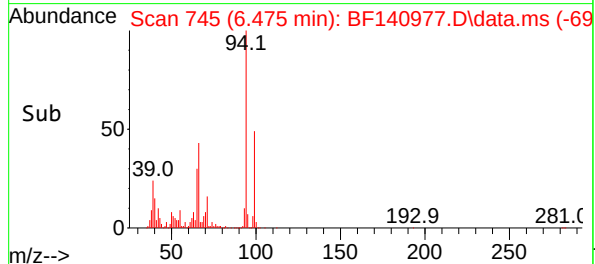
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

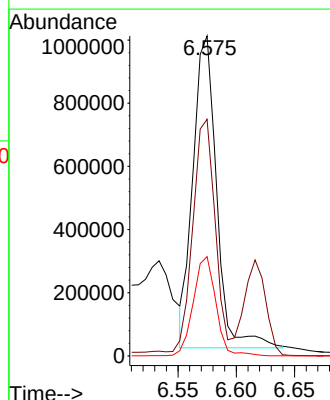
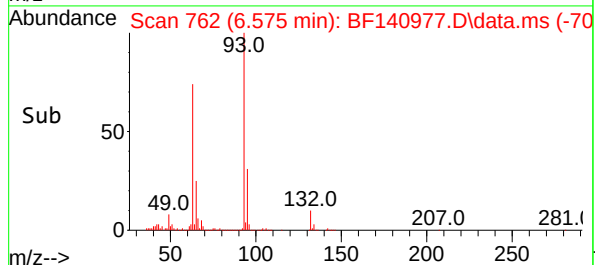
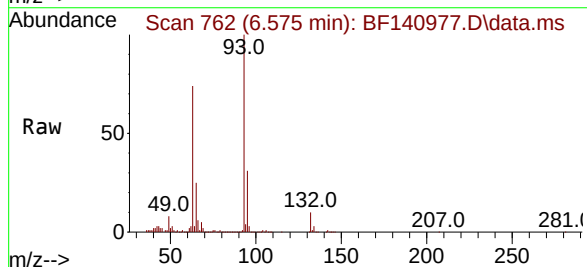
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APPROVED

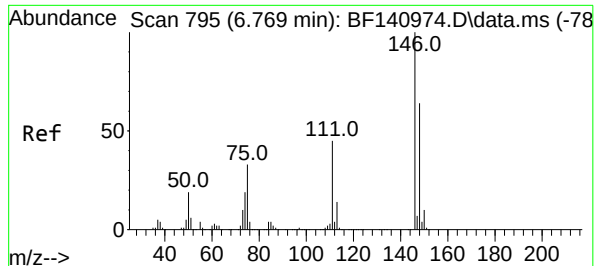
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

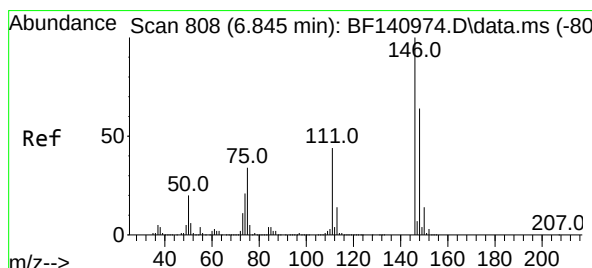
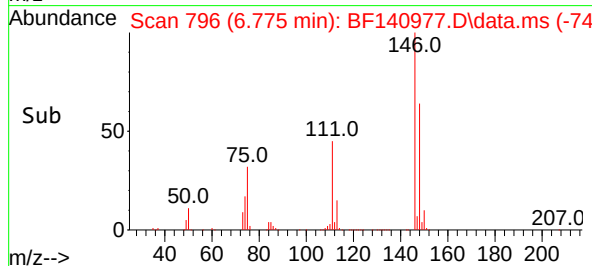
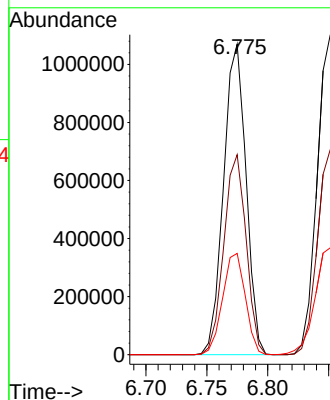
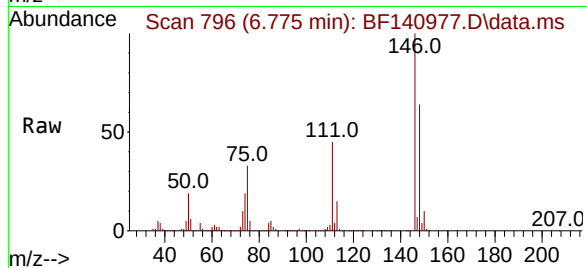
75 32.6 26.1 39.1

Manual Integrations

APPROVED

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

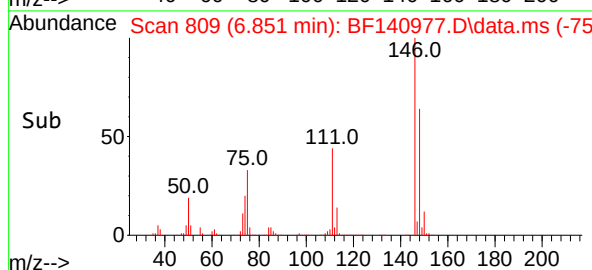
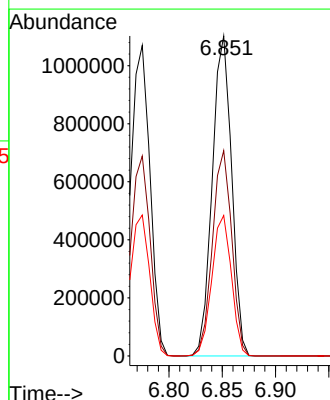
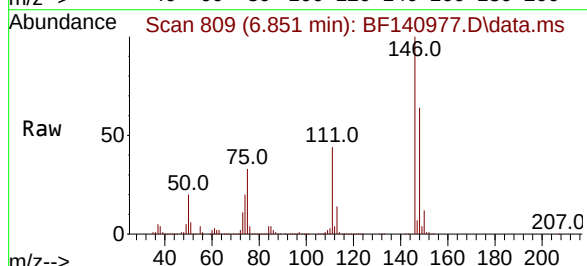
Tgt Ion:146 Resp: 1392839

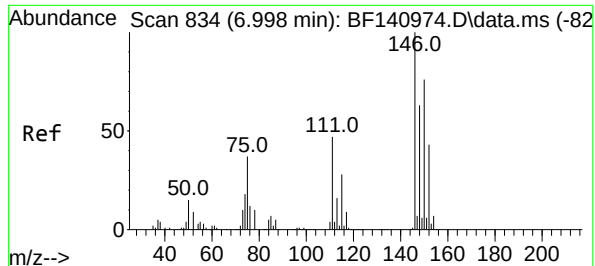
Ion Ratio Lower Upper

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

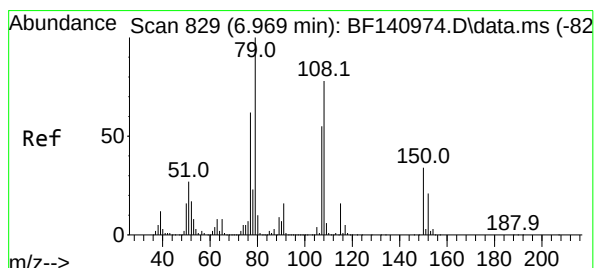
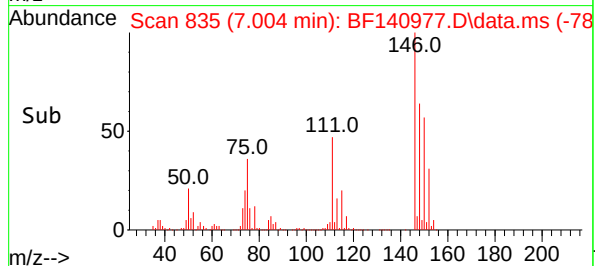
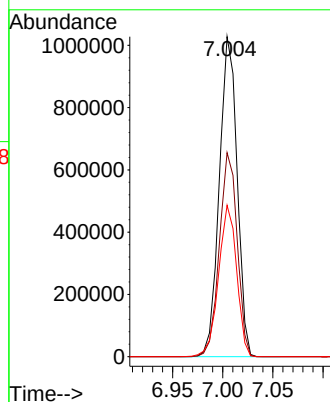
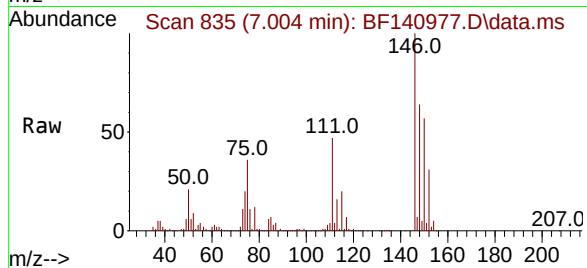
111 47.3 37.3 55.9

Manual Integrations

APPROVED

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

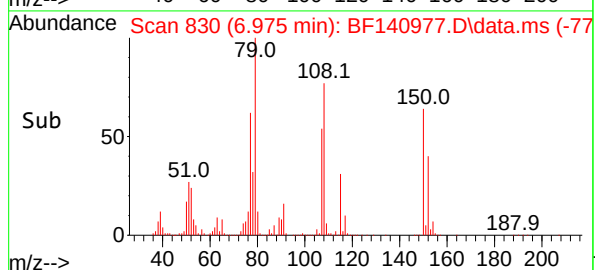
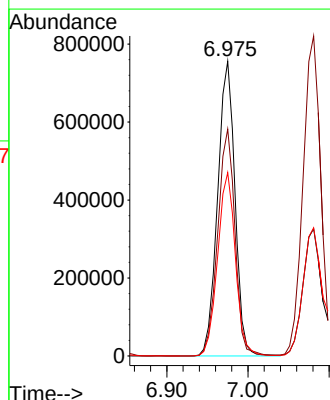
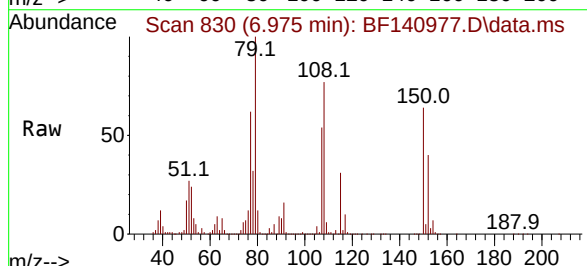
Tgt Ion: 79 Resp: 1122638

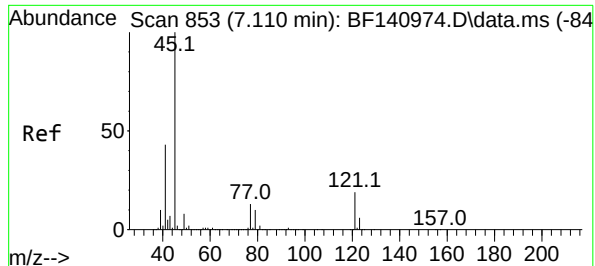
Ion Ratio Lower Upper

79 100

108 77.0 62.5 93.7

77 62.2 49.3 73.9





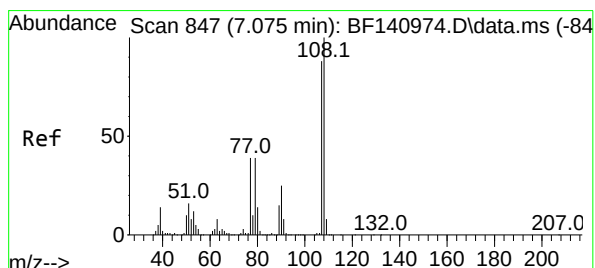
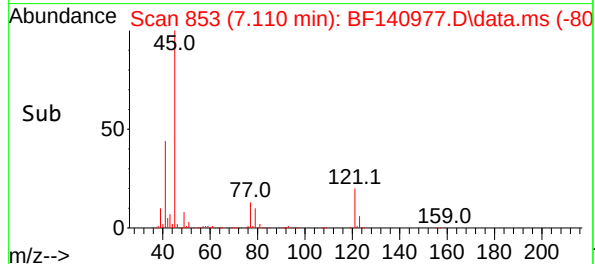
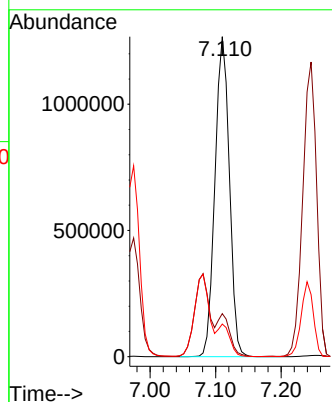
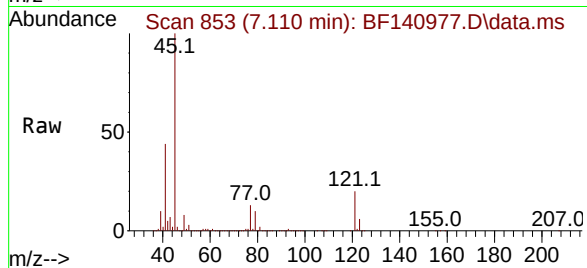
#16
2,2'-oxybis(1-Chloropropane)
Concen: 69.775 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

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

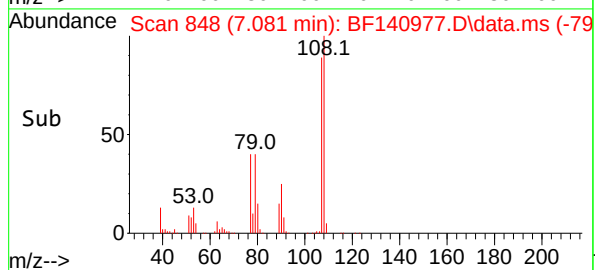
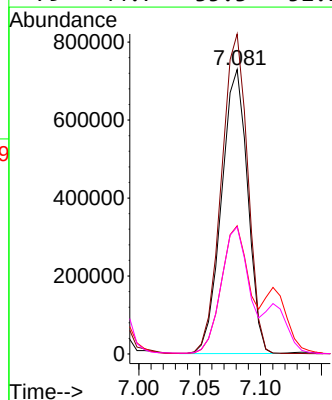
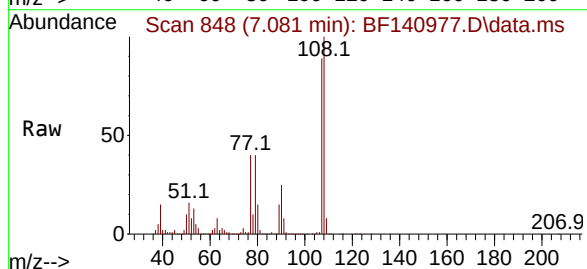
Manual Integrations
APPROVED

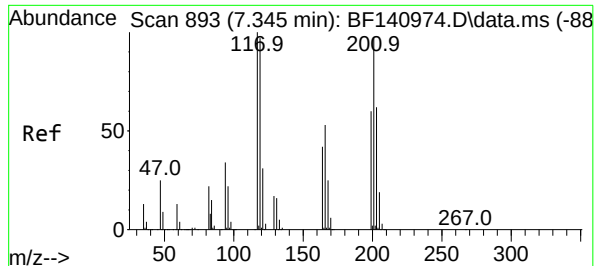
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

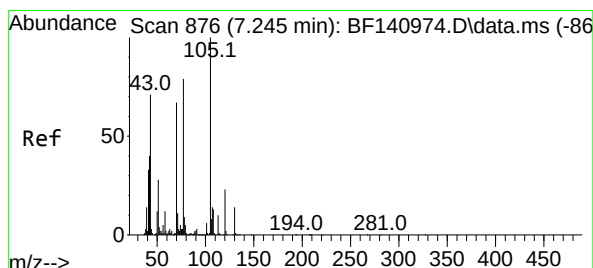
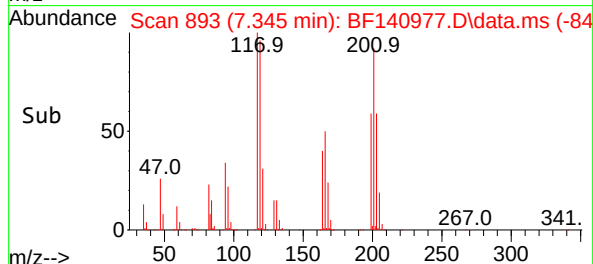
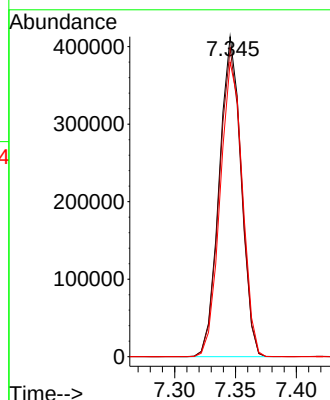
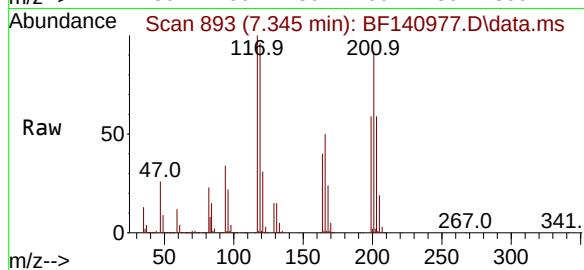
201 92.1 77.4 116.2

Manual Integrations

APPROVED

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

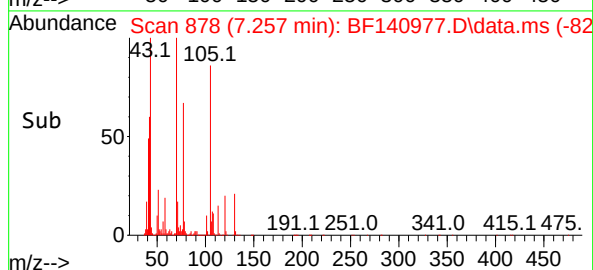
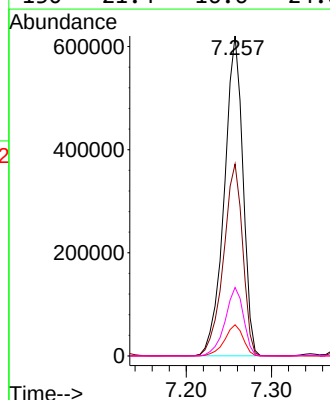
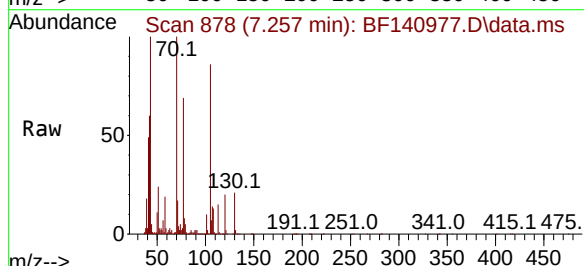
Ion Ratio Lower Upper

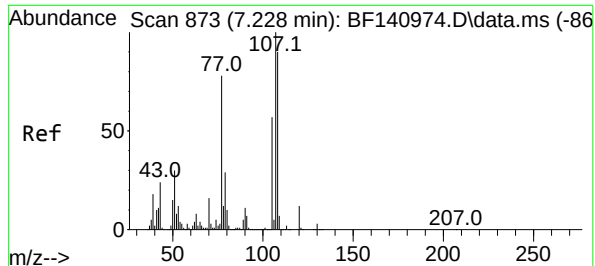
70 100

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

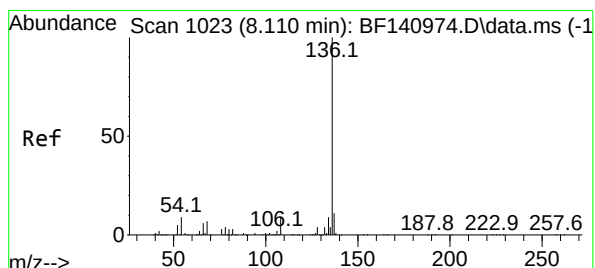
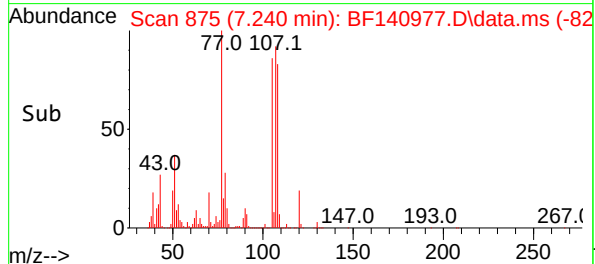
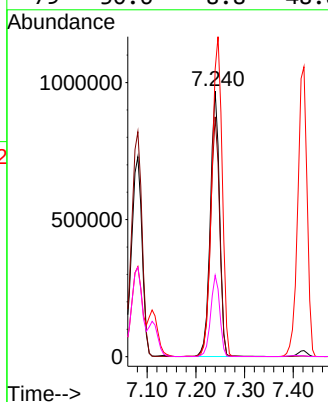
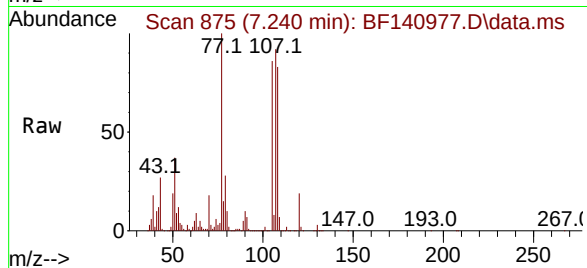
79 30.6 8.8 48.8

Manual Integrations

APPROVED

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

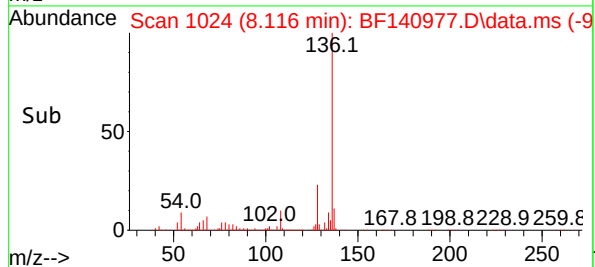
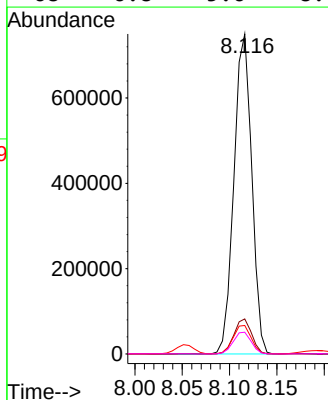
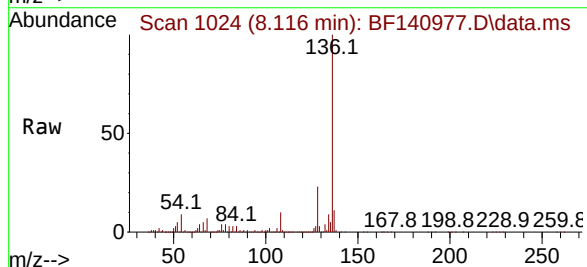
Ion Ratio Lower Upper

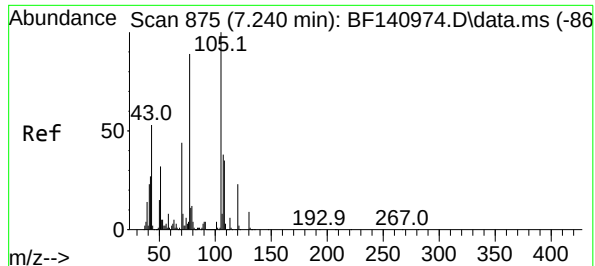
136 100

137 10.9 9.0 13.4

54 8.9 7.6 11.4

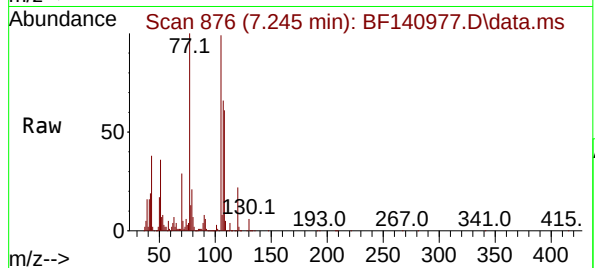
68 6.8 5.6 8.4





#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

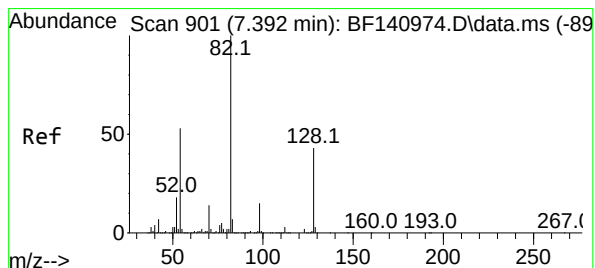
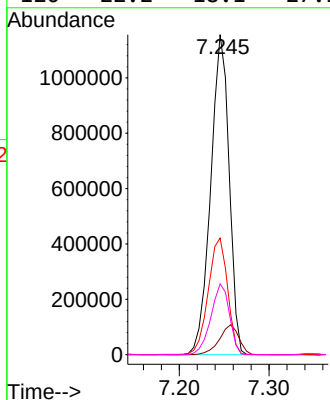
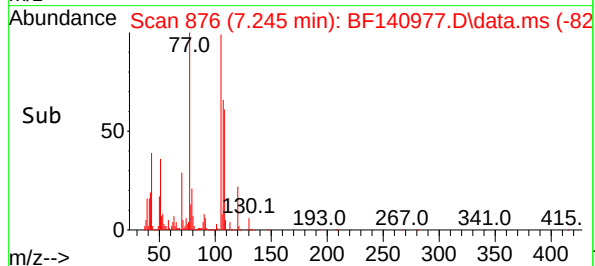
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



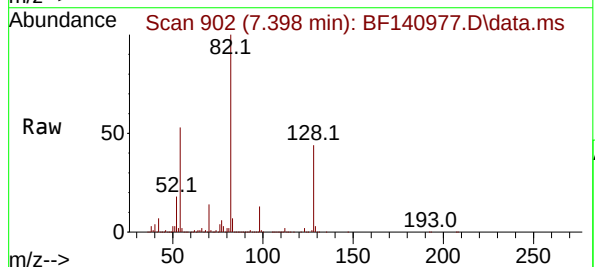
Tgt Ion:105 Resp: 1646630
Ion Ratio Lower Upper
105 100
71 5.0 6.1 9.1
51 36.5 25.8 38.6
120 22.2 18.1 27.1

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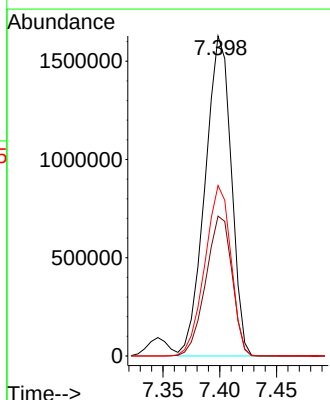
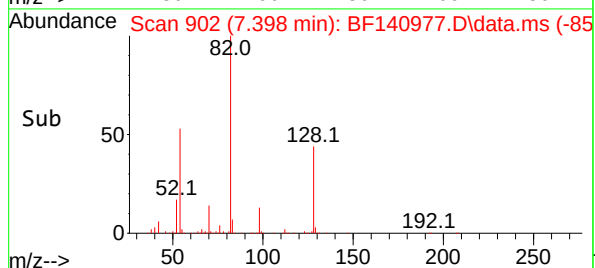
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

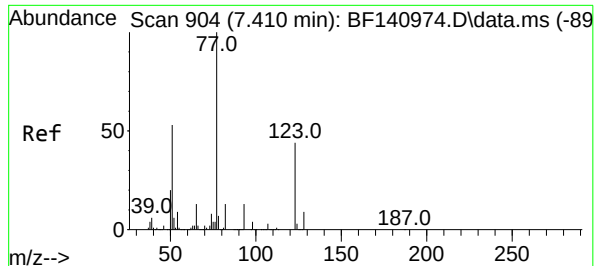


#23
Nitrobenzene-d5
Concen: 170.465 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



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

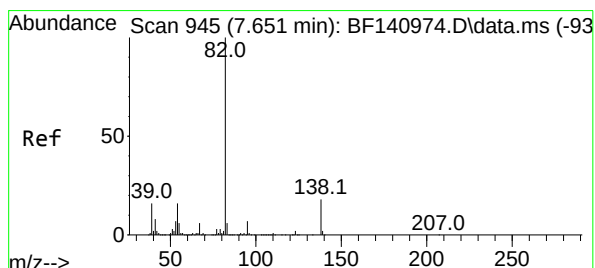
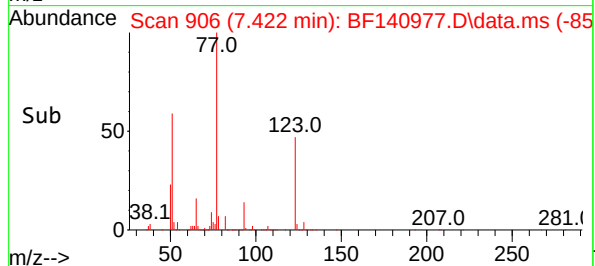
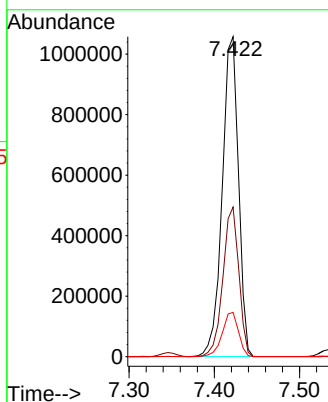
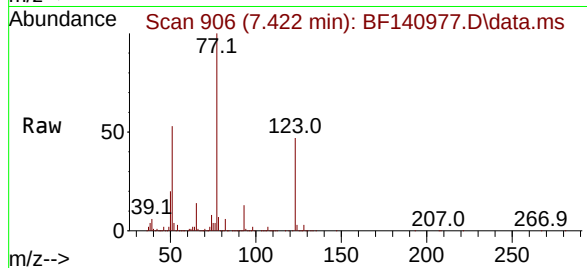
65 13.9 10.7 16.1

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

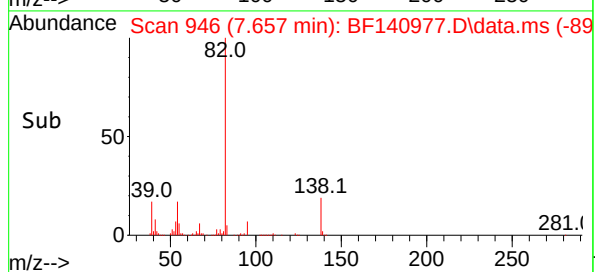
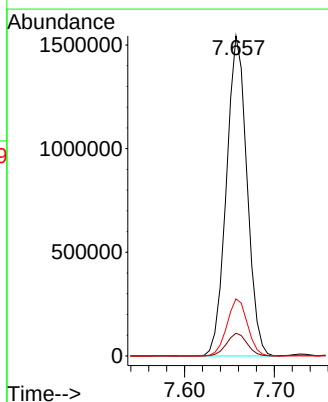
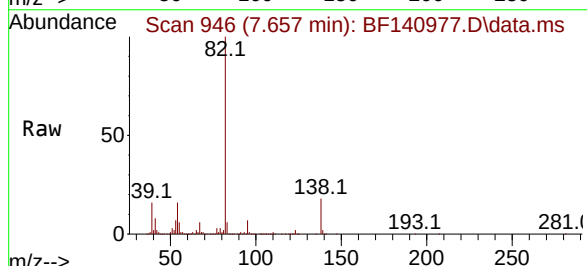
Tgt Ion: 82 Resp: 2454830

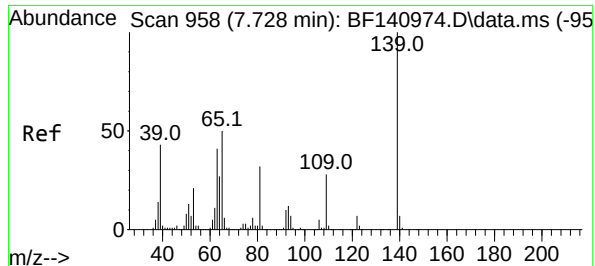
Ion Ratio Lower Upper

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:139 Resp: 59398

Ion Ratio Lower Upper

139 100

109 29.7 22.2 33.4

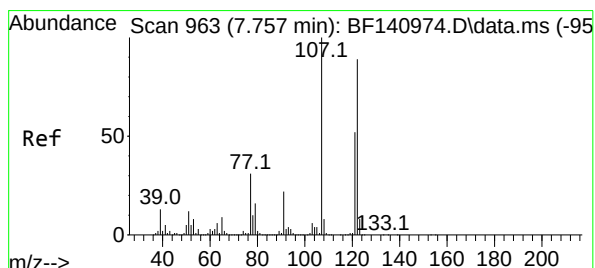
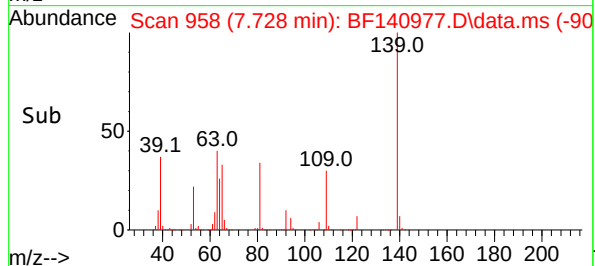
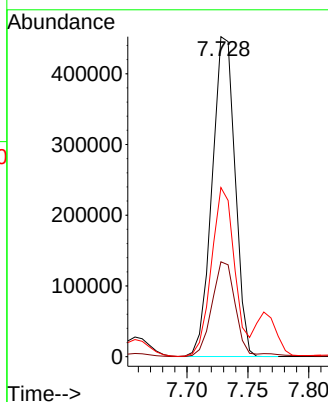
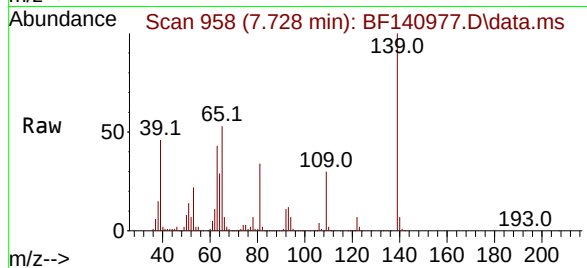
65 52.9 40.2 60.4

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

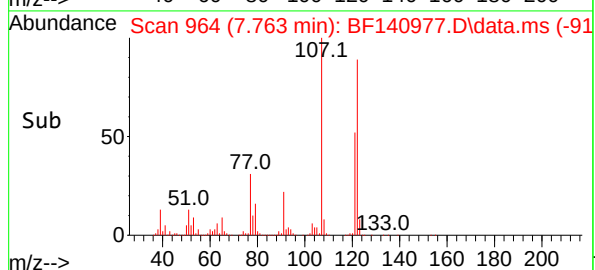
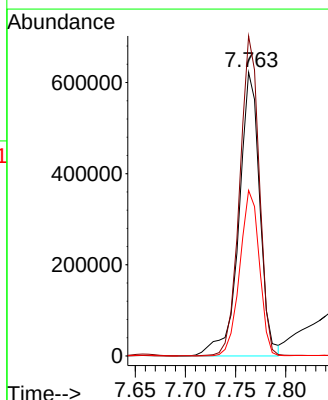
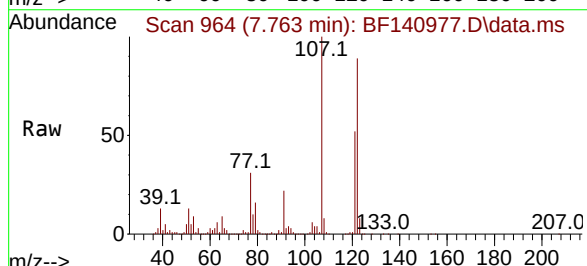
Tgt Ion:122 Resp: 900268

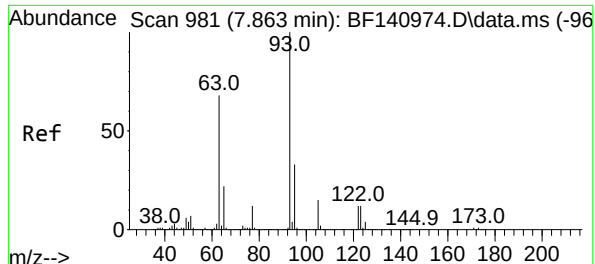
Ion Ratio Lower Upper

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

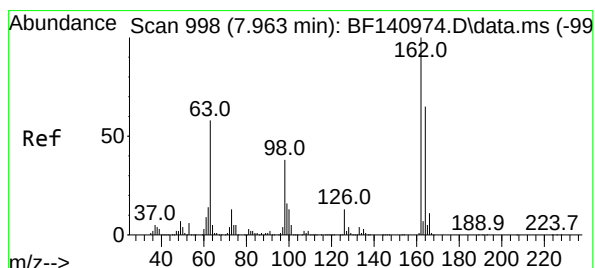
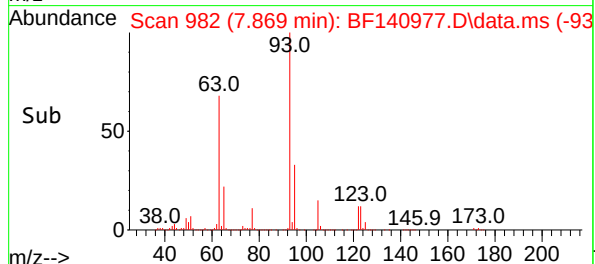
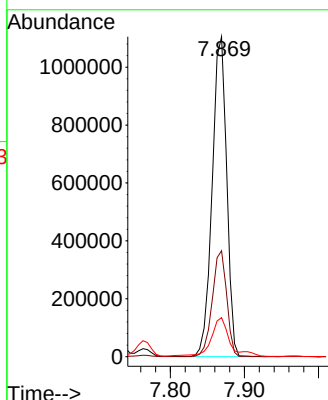
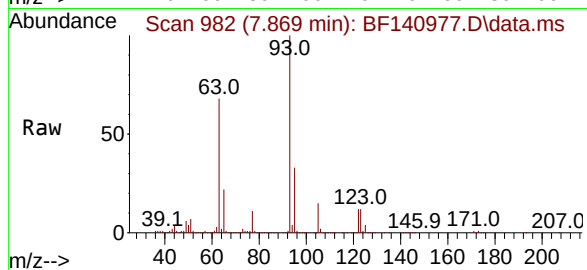
123 12.2 9.9 14.9

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

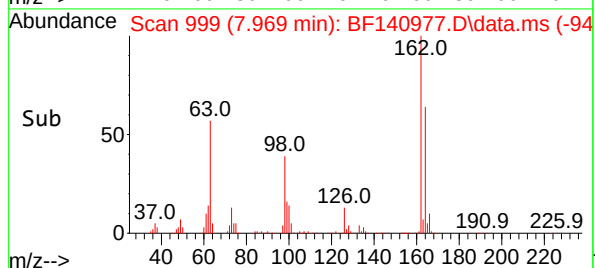
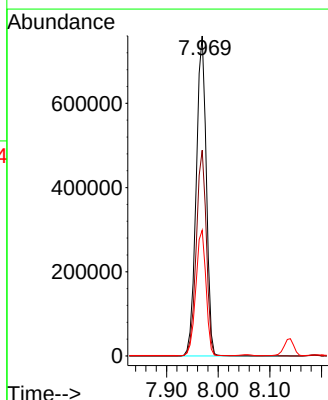
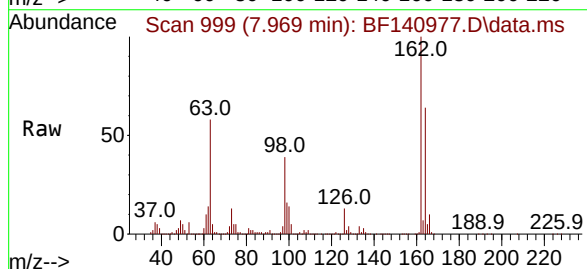
Tgt Ion:162 Resp: 1033455

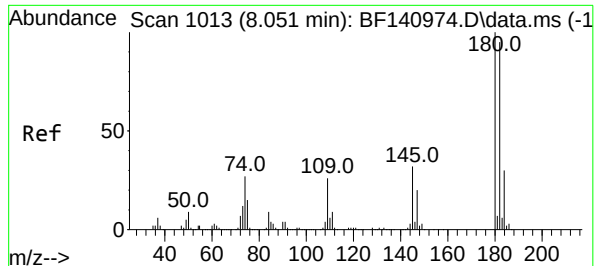
Ion Ratio Lower Upper

162 100

164 64.3 44.8 84.8

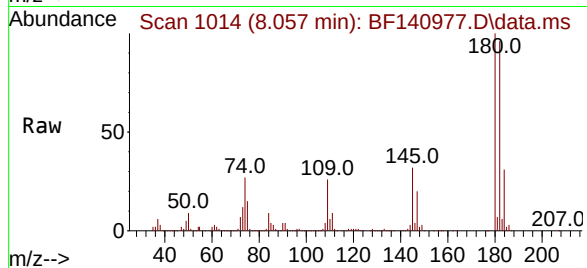
98 39.3 18.6 58.6





#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

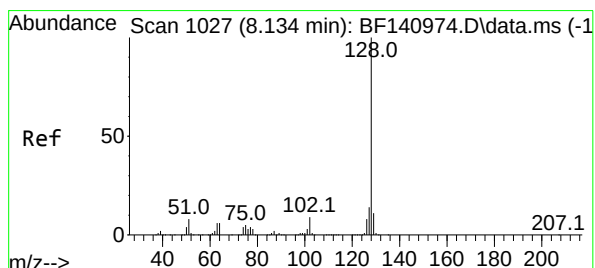
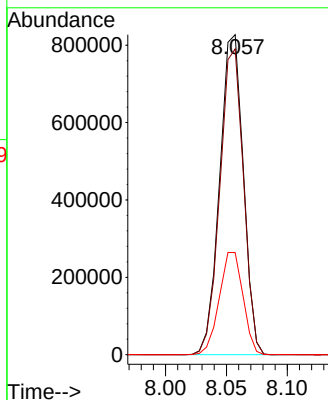
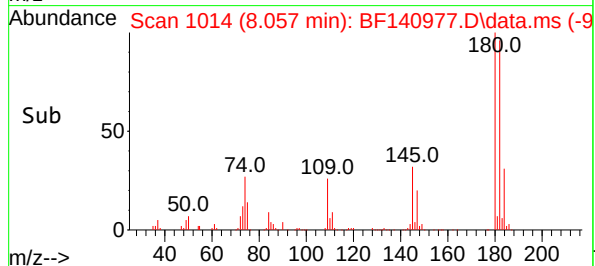
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

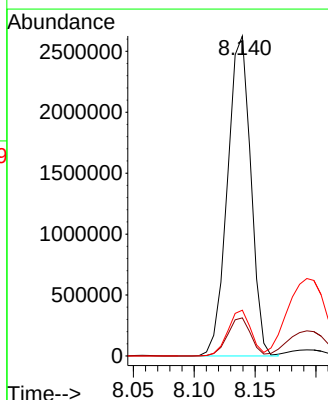
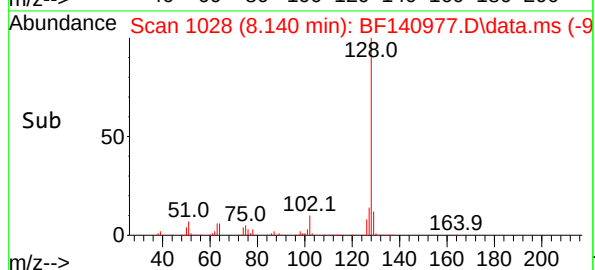
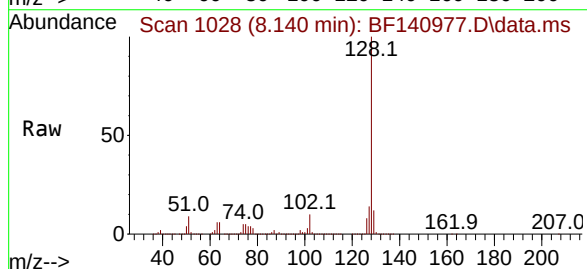
Manual Integrations
APPROVED

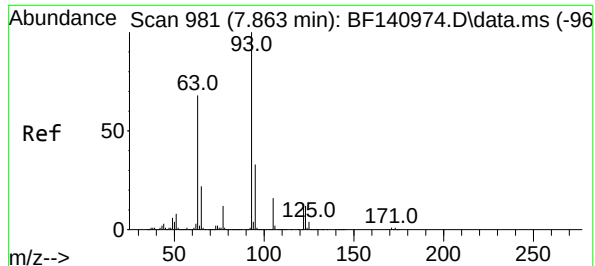
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

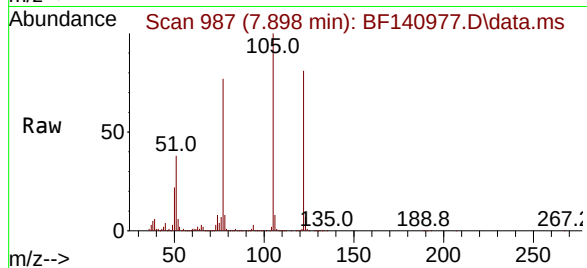
Tgt Ion:128 Resp: 3488407
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 14.3 11.0 16.4





#32
Benzoic acid
Concen: 80.749 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

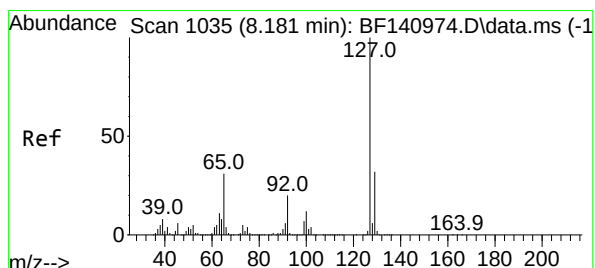
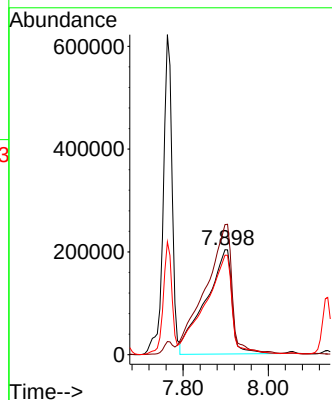
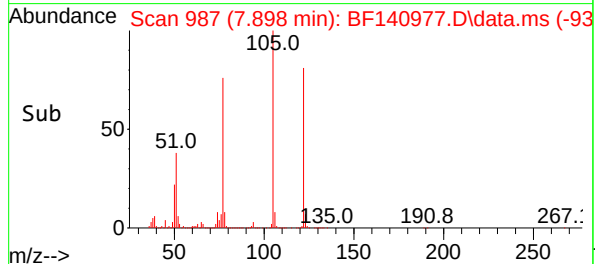
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



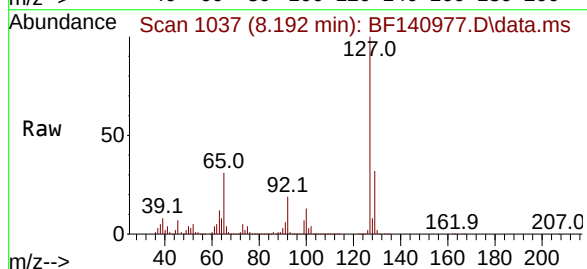
Tgt Ion:122 Resp: 869860
Ion Ratio Lower Upper
122 100
105 123.9 105.4 145.4
77 94.9 76.4 116.4

Manual Integrations
APPROVED

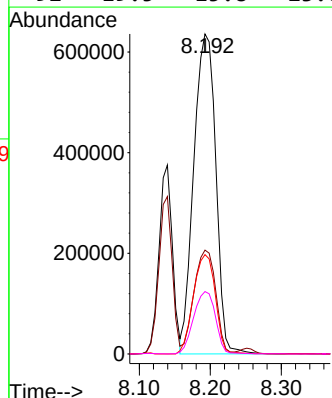
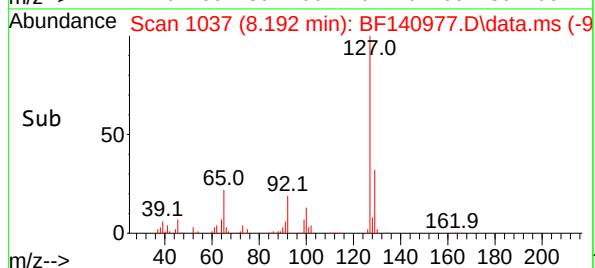
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

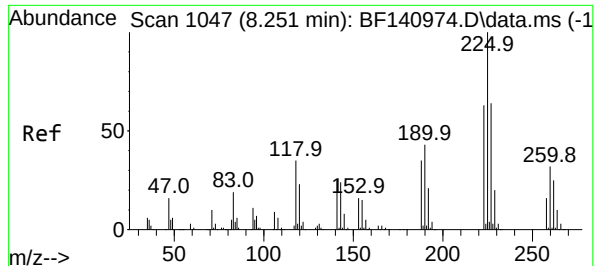


#33
4-Chloroaniline
Concen: 73.729 ng
RT: 8.192 min Scan# 1037
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



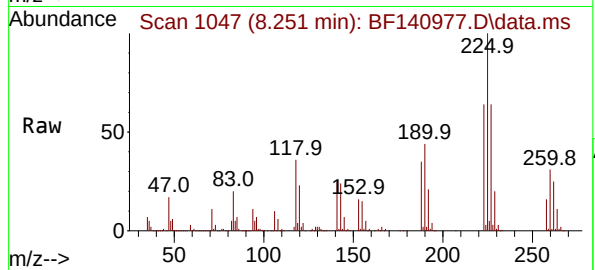
Tgt Ion:127 Resp: 1373750
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 31.1 24.6 37.0
92 19.5 15.8 23.6





#34
Hexachlorobutadiene
Concen: 72.129 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

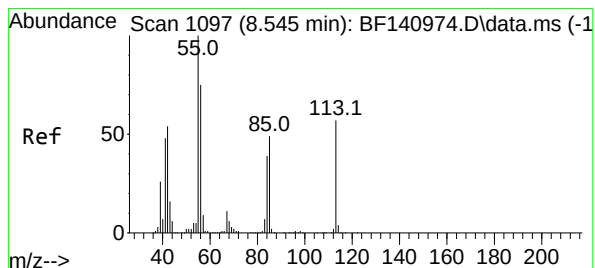
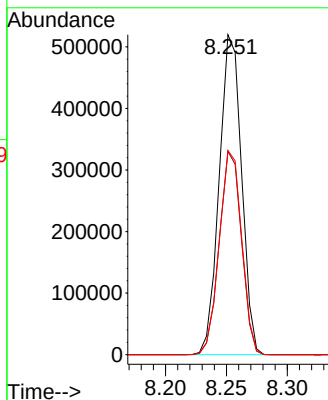
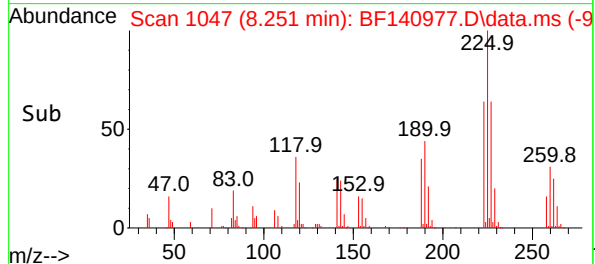
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

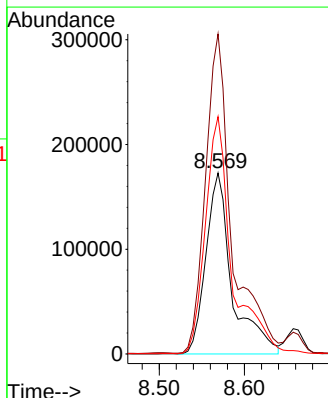
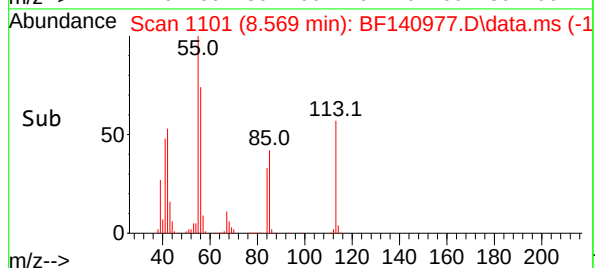
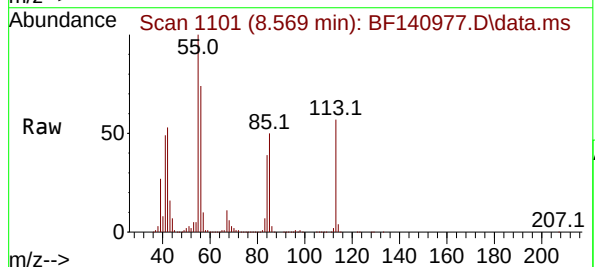
Manual Integrations
APPROVED

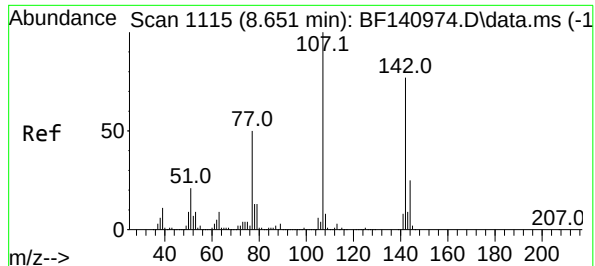
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

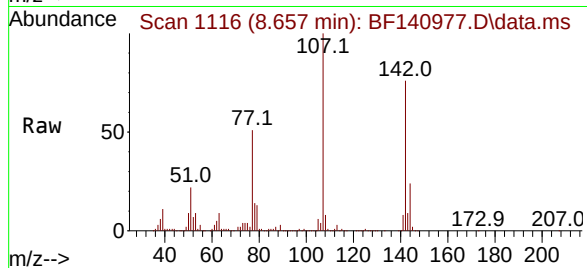
Tgt Ion:113 Resp: 369167
Ion Ratio Lower Upper
113 100
55 176.9 156.6 196.6
56 131.2 111.7 151.7





#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

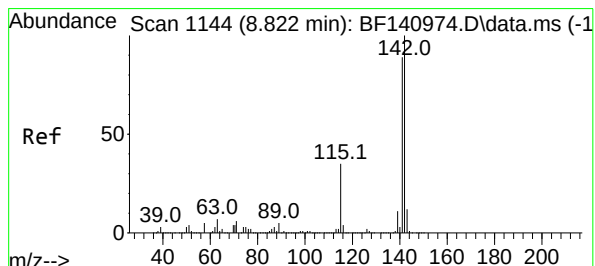
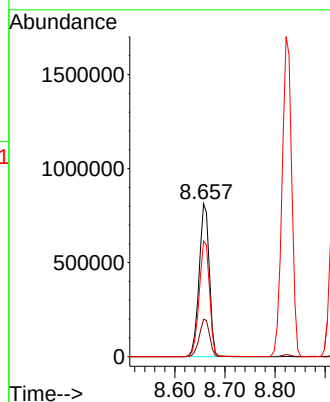
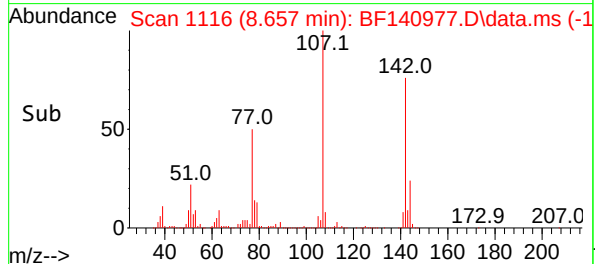
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

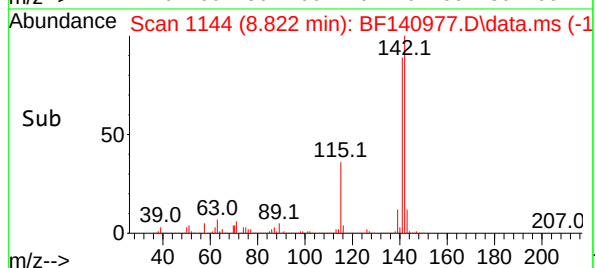
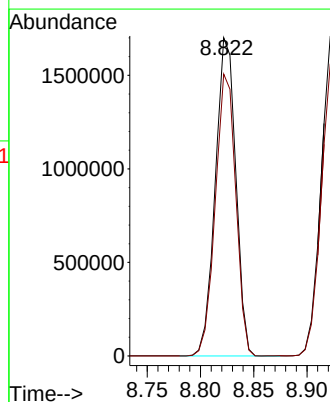
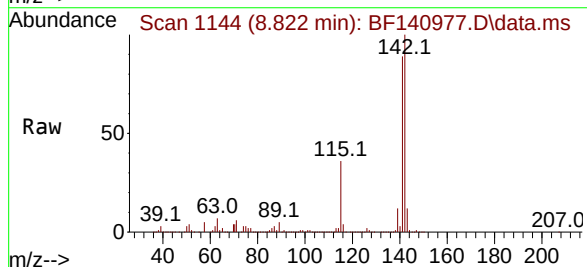
Manual Integrations
APPROVED

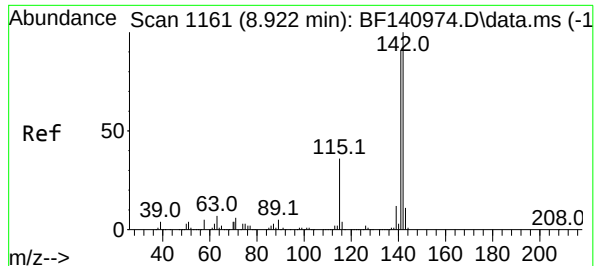
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

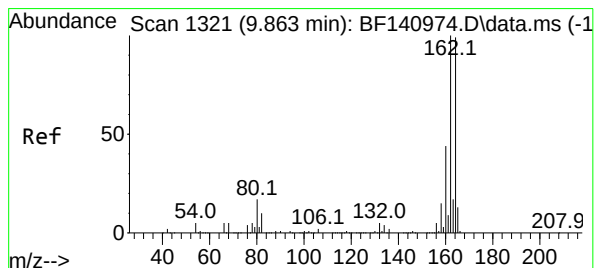
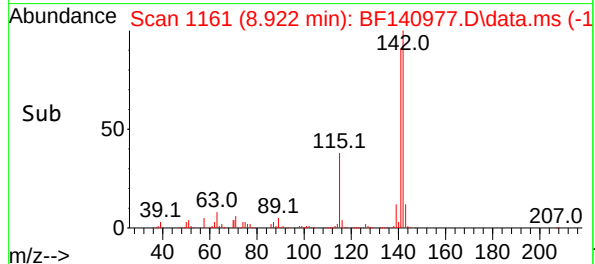
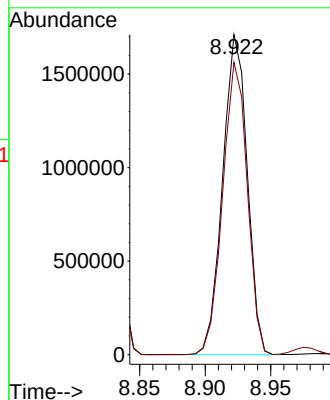
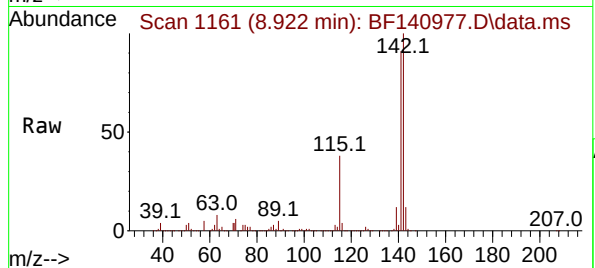
141 91.3 72.7 109.1

Manual Integrations

APPROVED

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

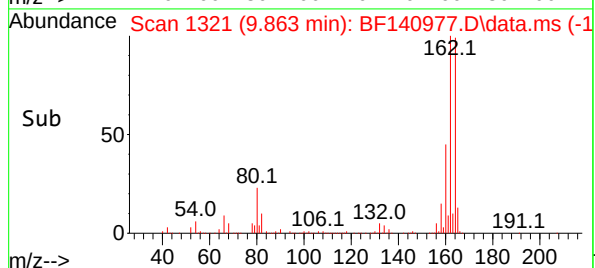
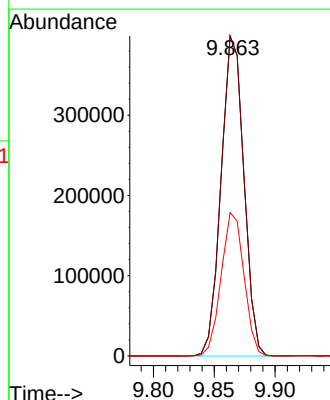
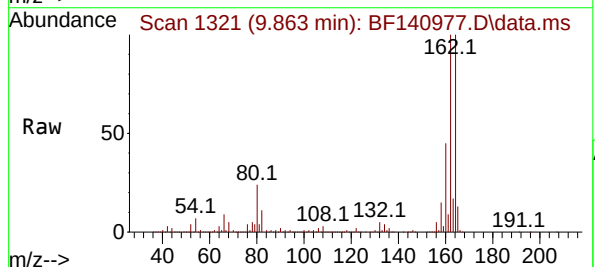
Tgt Ion:164 Resp: 517561

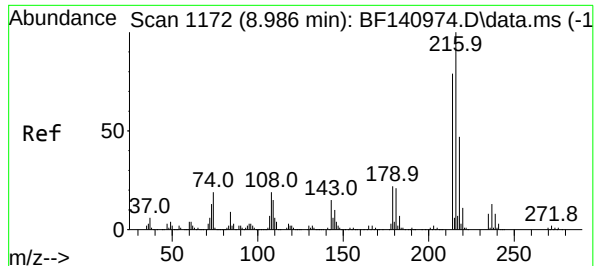
Ion Ratio Lower Upper

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

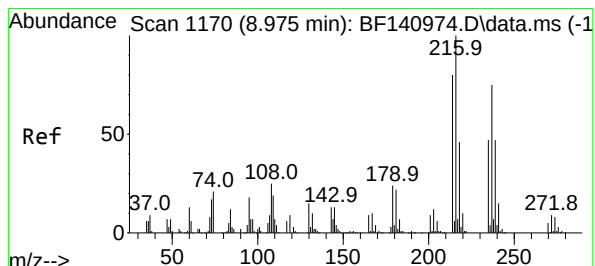
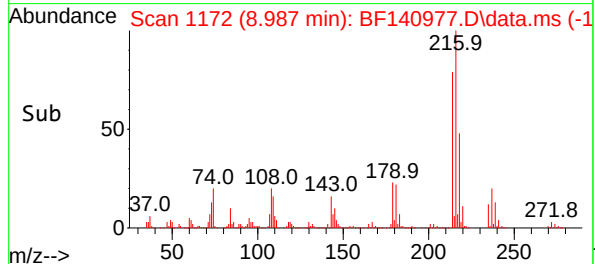
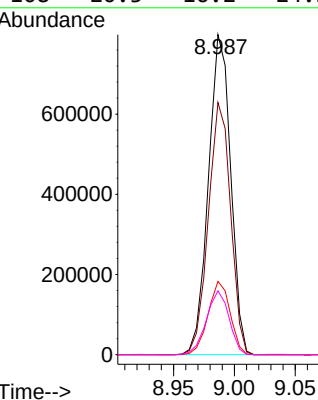
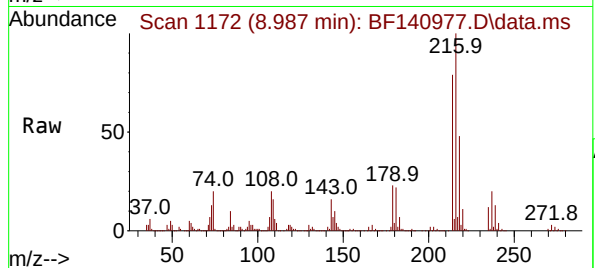
108 20.3 16.2 24.2

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

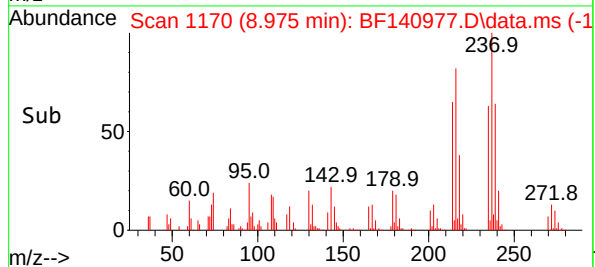
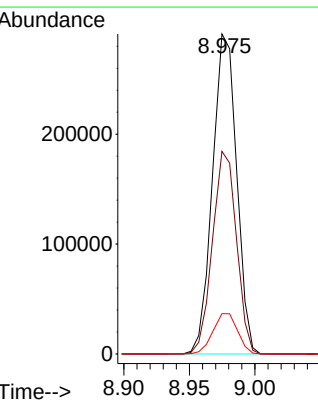
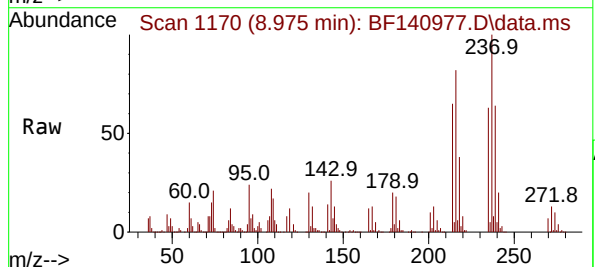
Tgt Ion:237 Resp: 373217

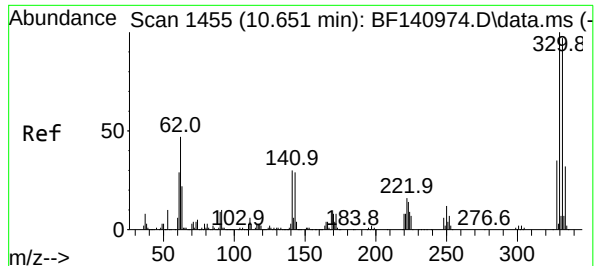
Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

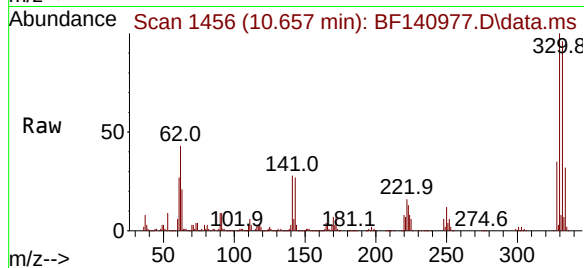
272 12.6 0.0 32.6





#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

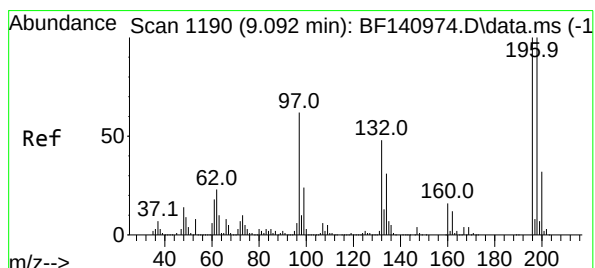
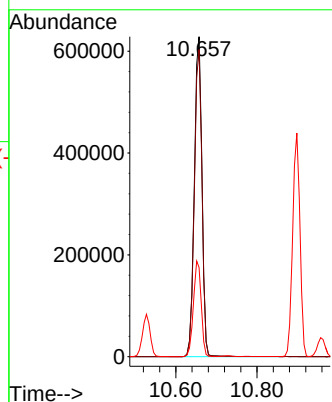
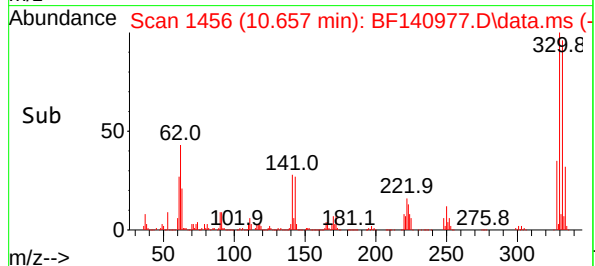
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

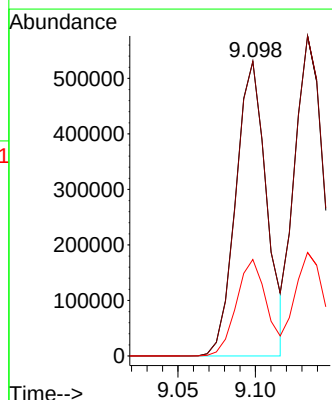
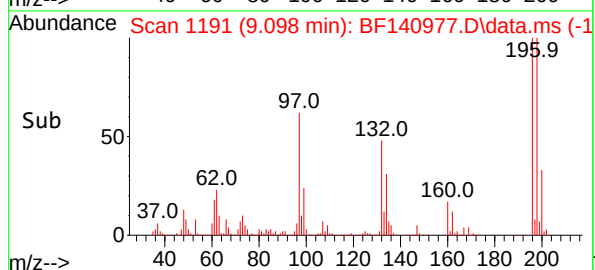
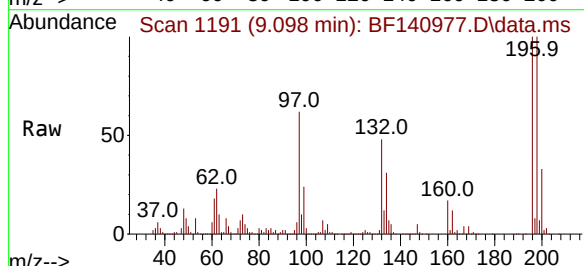
Manual Integrations
APPROVED

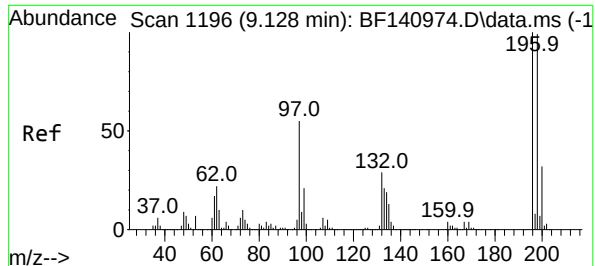
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

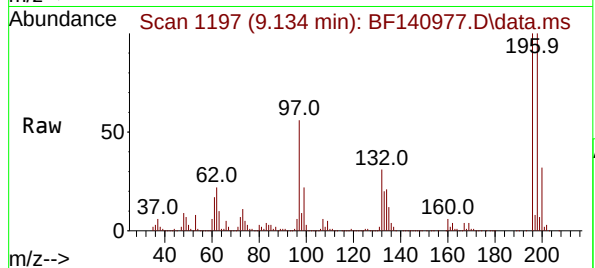
Tgt Ion:196 Resp: 733660
Ion Ratio Lower Upper
196 100
198 100.1 80.2 120.4
200 32.7 25.8 38.6





#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

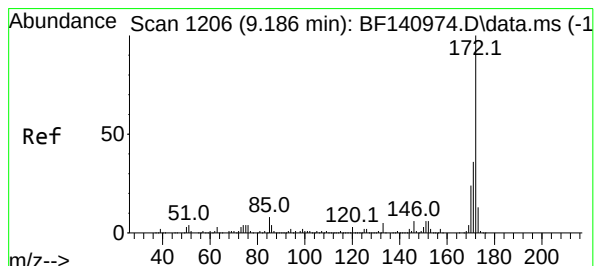
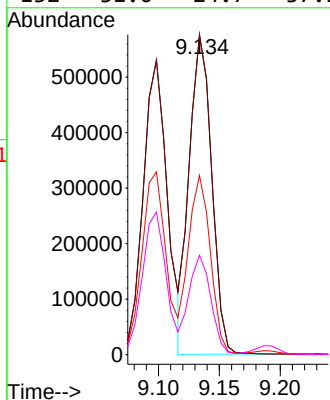
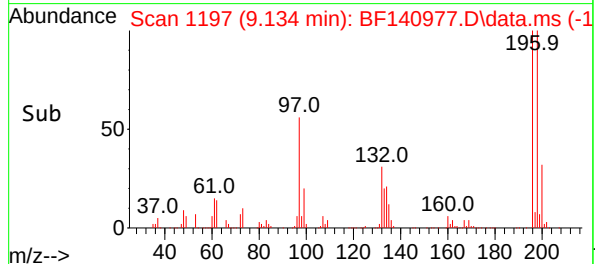
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

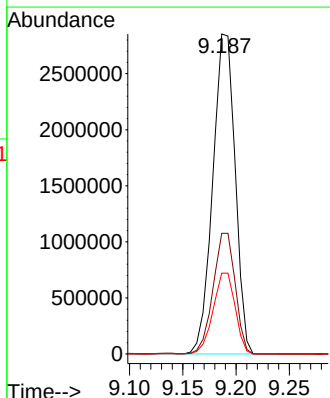
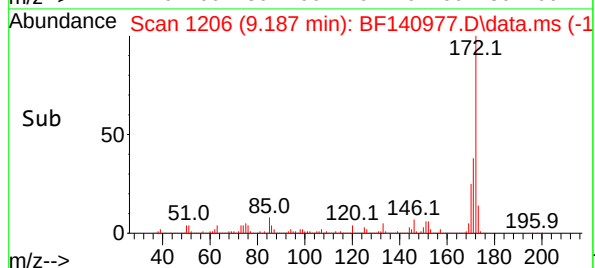
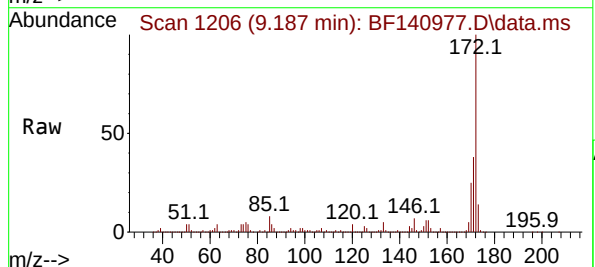
Manual Integrations
APPROVED

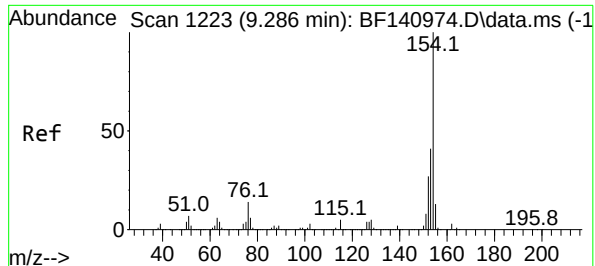
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

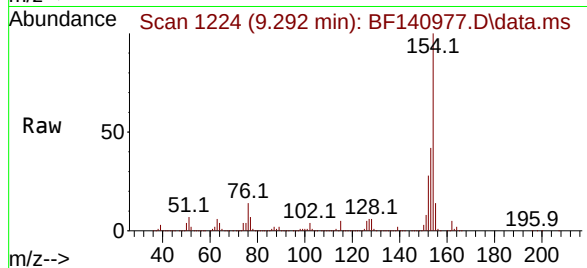
Tgt Ion:172 Resp: 4166122
Ion Ratio Lower Upper
172 100
171 37.7 29.0 43.4
170 25.2 19.6 29.4





#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

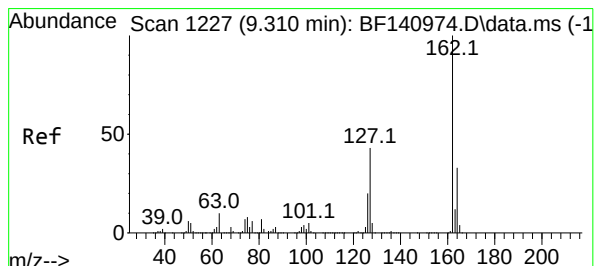
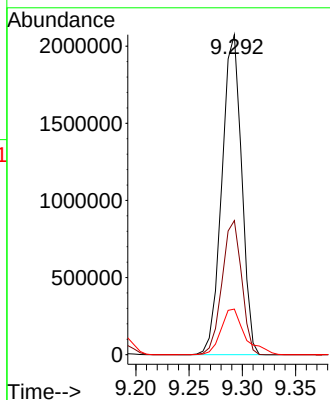
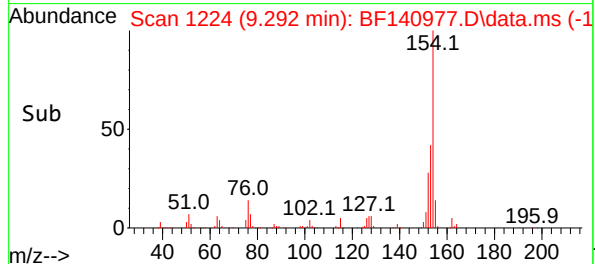
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

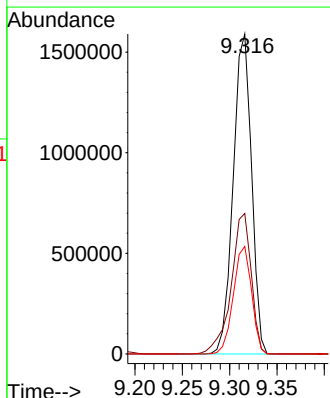
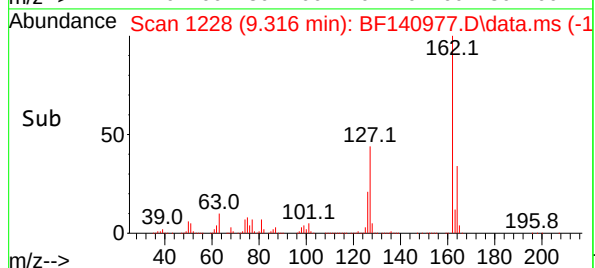
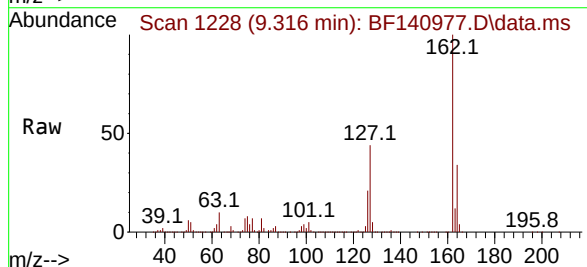
Manual Integrations
APPROVED

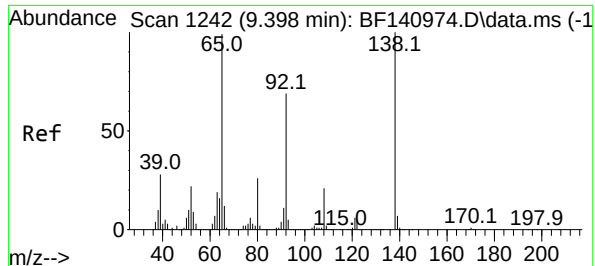
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

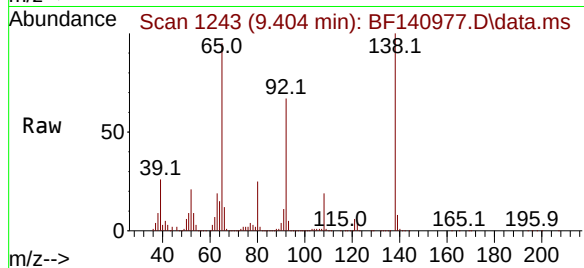
Tgt Ion:162 Resp: 2134444
Ion Ratio Lower Upper
162 100
127 43.9 34.2 51.4
164 33.6 26.6 40.0





#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

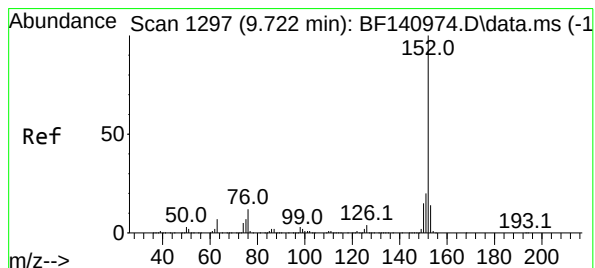
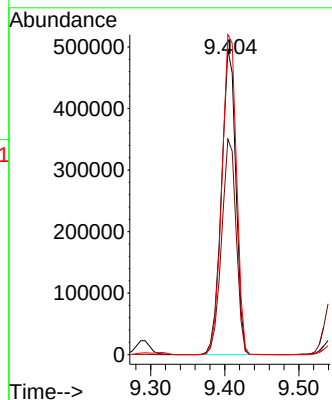
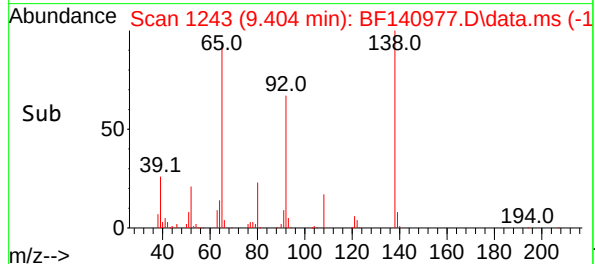
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

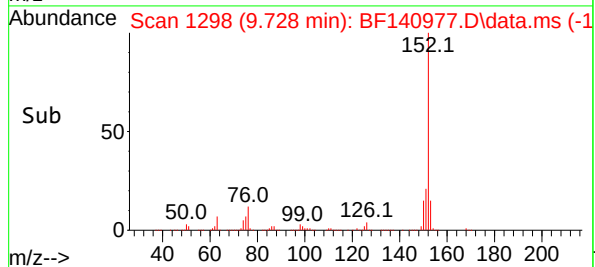
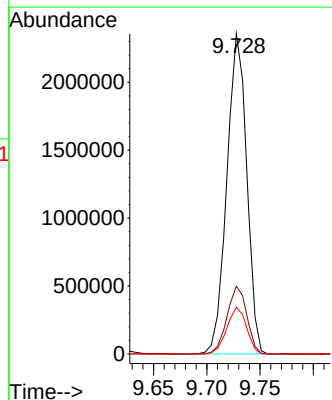
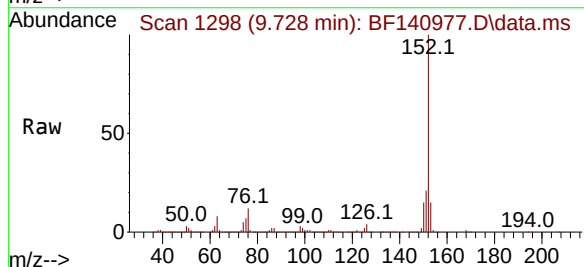
Manual Integrations
APPROVED

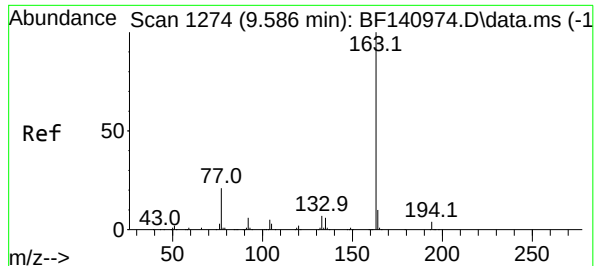
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

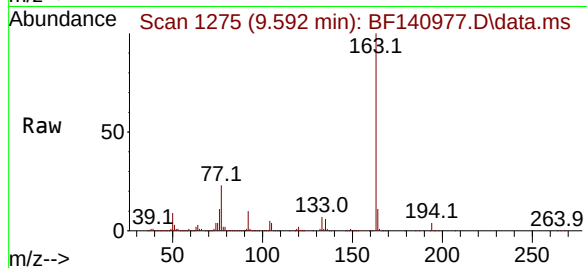
Tgt Ion:152 Resp: 3058781
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 14.6 11.4 17.0





#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

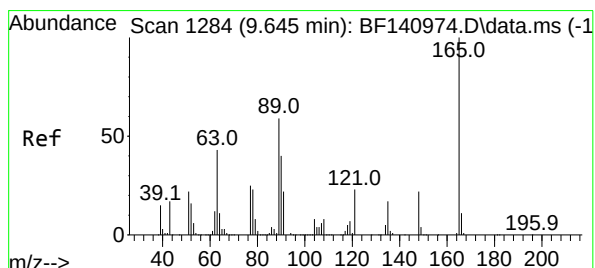
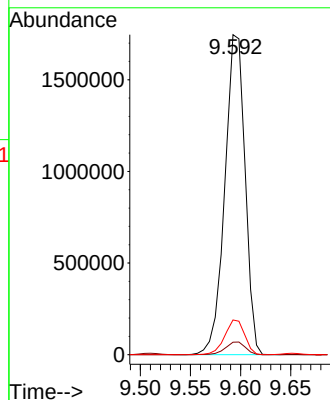
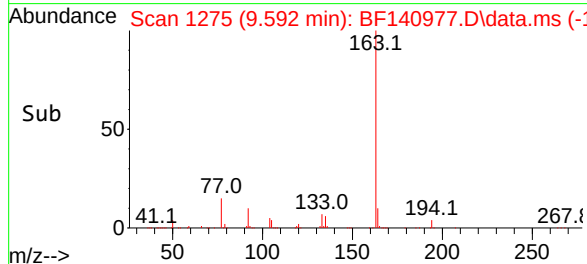
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



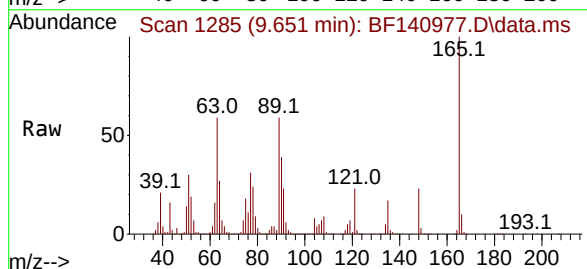
Tgt Ion:163 Resp: 245484
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.9 8.3 12.5

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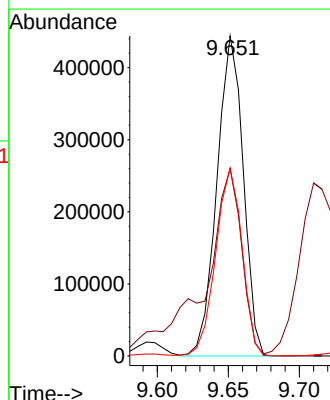
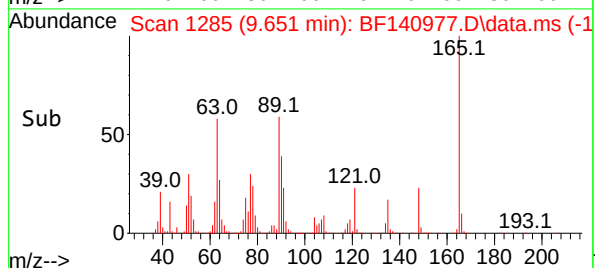
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

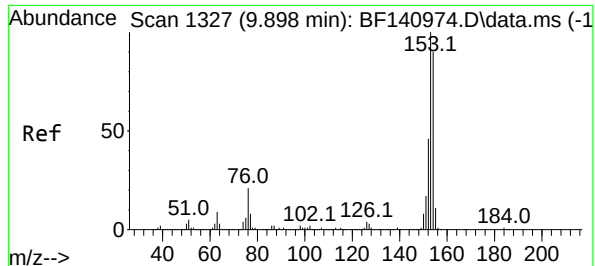


#51
2,6-Dinitrotoluene
Concen: 79.723 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



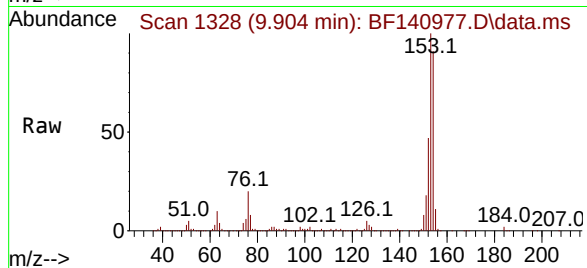
Tgt Ion:165 Resp: 571642
Ion Ratio Lower Upper
165 100
63 58.6 47.1 70.7
89 58.7 47.0 70.4





#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

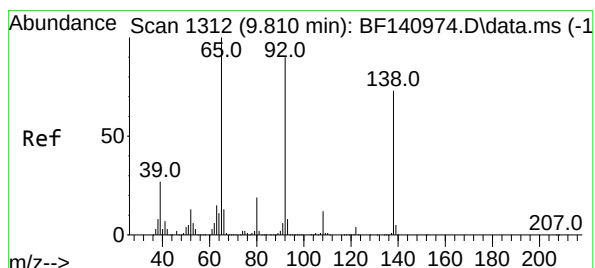
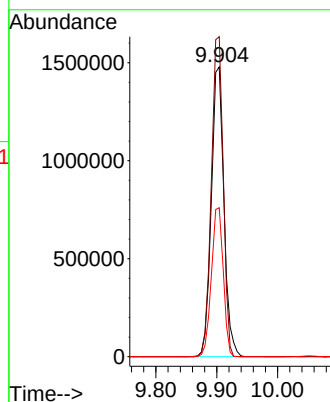
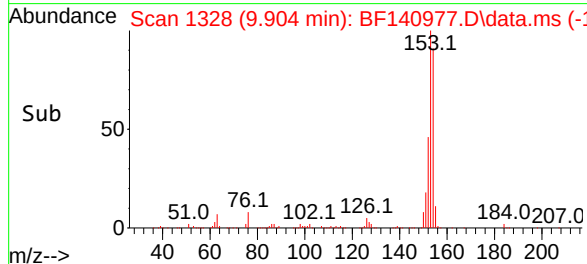
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

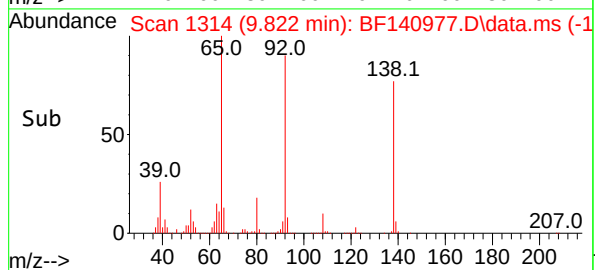
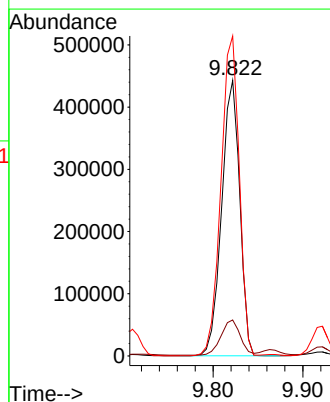
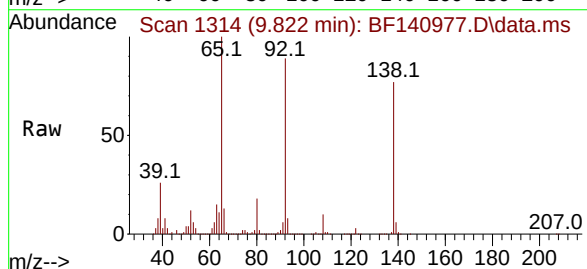
Manual Integrations
APPROVED

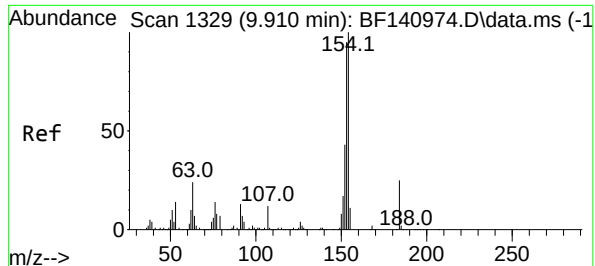
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

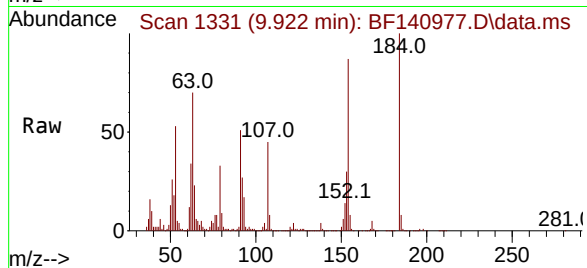
Tgt Ion:138 Resp: 618458
Ion Ratio Lower Upper
138 100
108 13.0 13.5 20.3#
92 116.1 97.7 146.5





#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

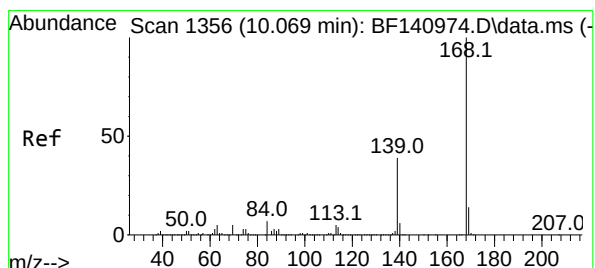
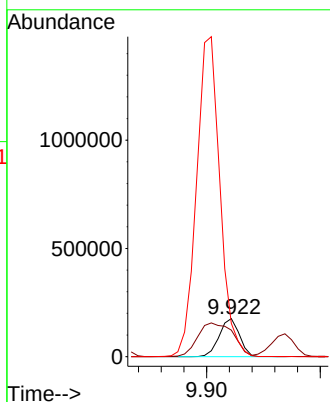
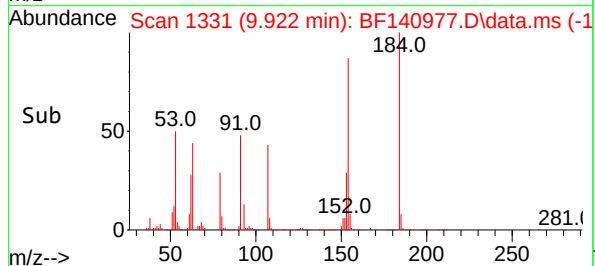
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

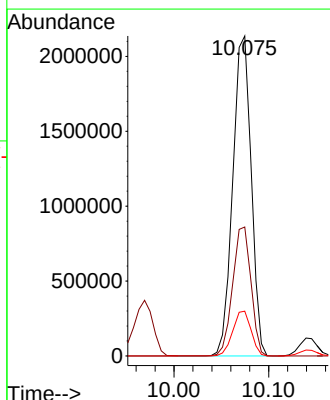
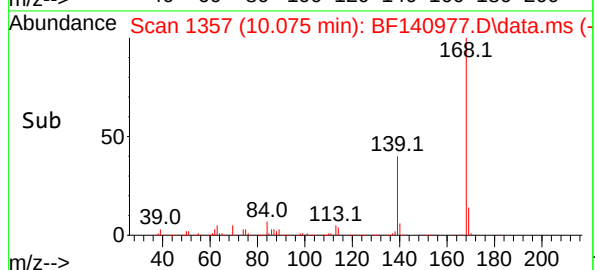
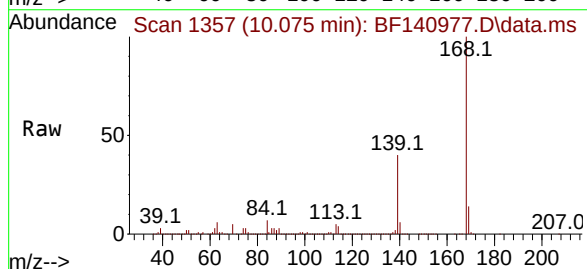
Manual Integrations
APPROVED

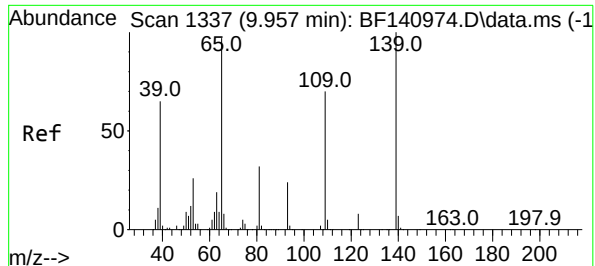
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

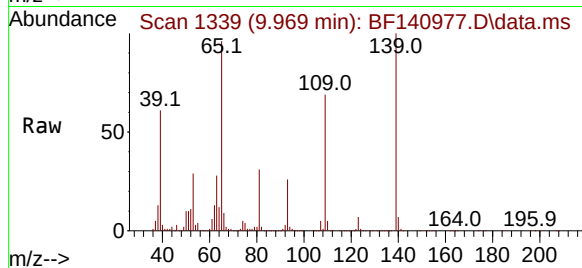
Tgt Ion:168 Resp: 2876315
Ion Ratio Lower Upper
168 100
139 40.3 31.6 47.4
169 14.0 11.0 16.6





#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

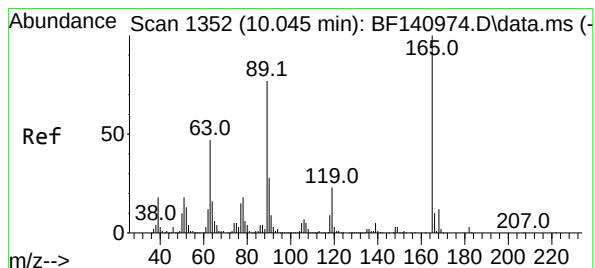
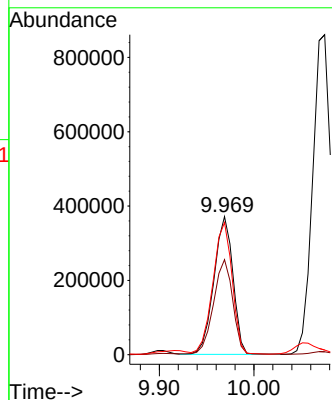
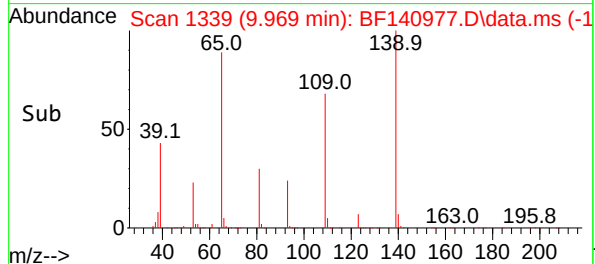
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

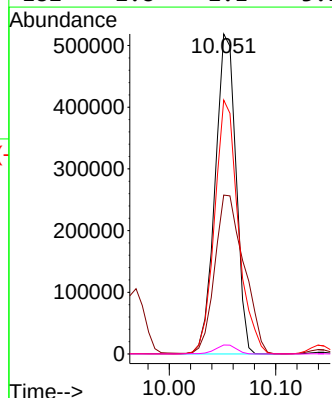
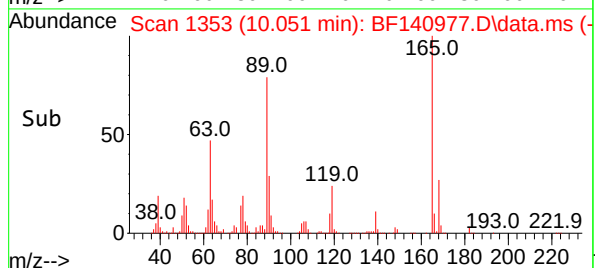
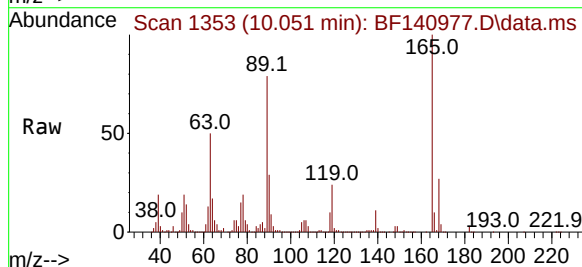
Manual Integrations
APPROVED

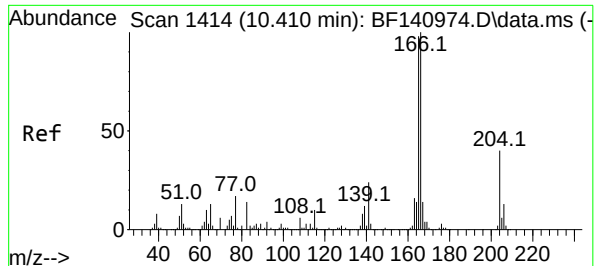
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

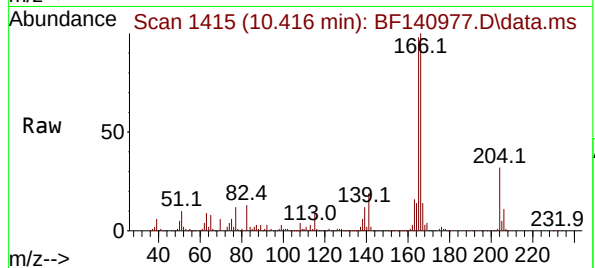
Tgt Ion:165 Resp: 704156
Ion Ratio Lower Upper
165 100
63 49.6 38.1 57.1
89 79.3 61.4 92.2
182 2.8 2.1 3.1





#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

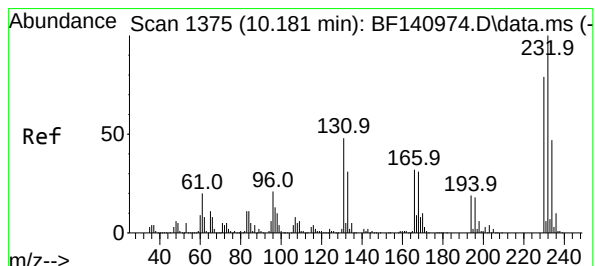
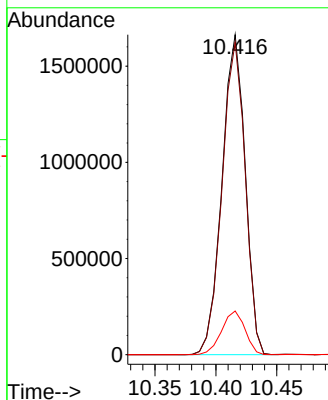
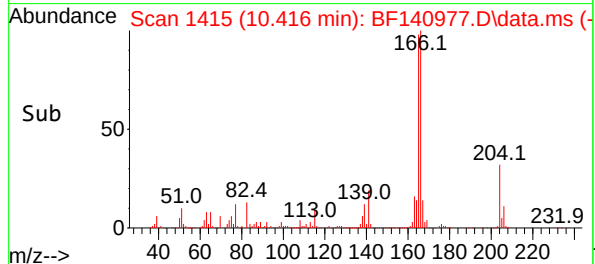
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

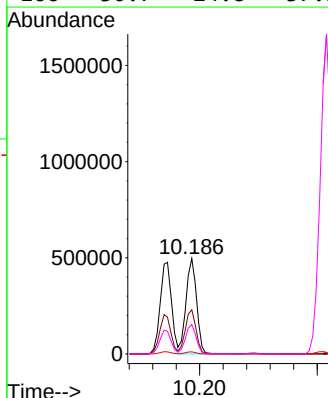
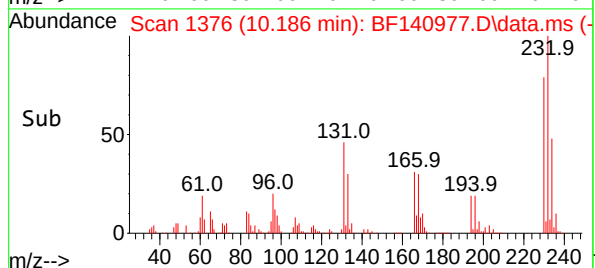
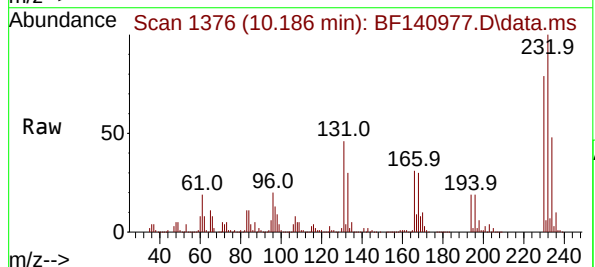
Manual Integrations
APPROVED

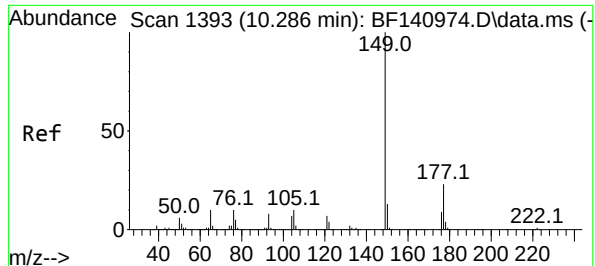
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

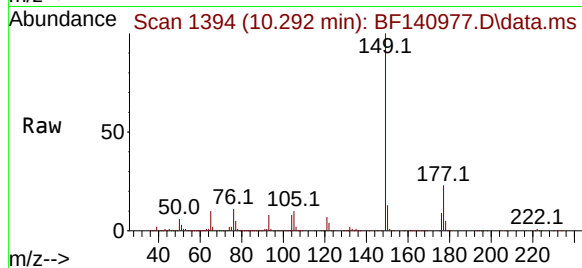
Tgt Ion:232 Resp: 624965
Ion Ratio Lower Upper
232 100
131 46.4 37.4 56.2
130 2.3 1.8 2.8
166 30.7 24.8 37.2





#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

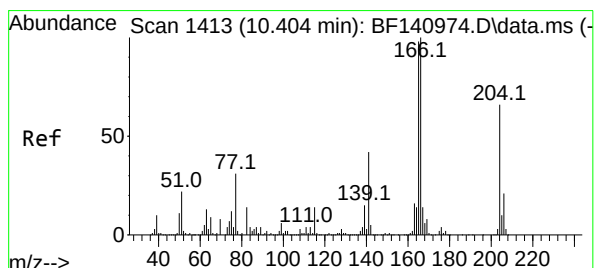
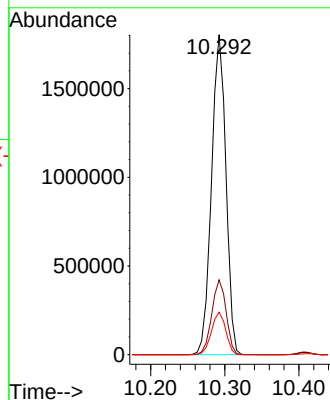
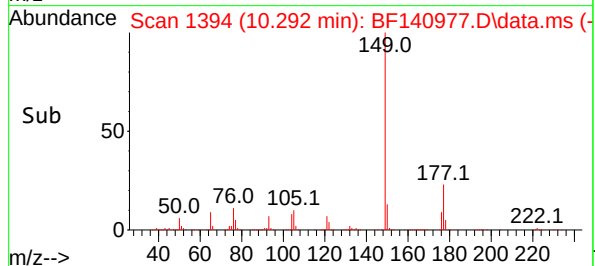
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

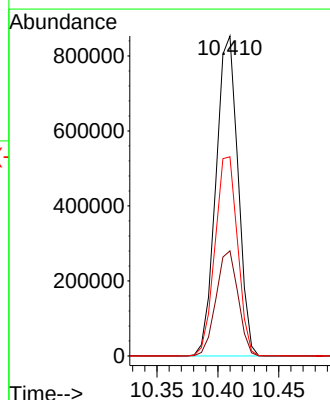
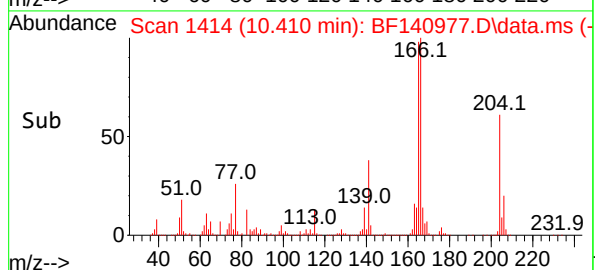
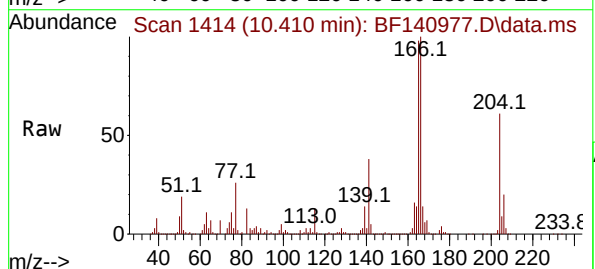
Manual Integrations
APPROVED

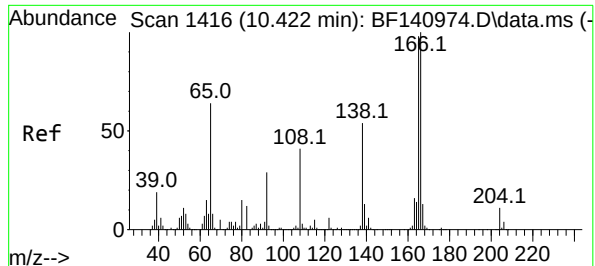
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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 :

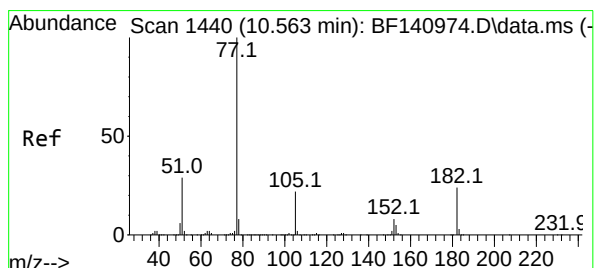
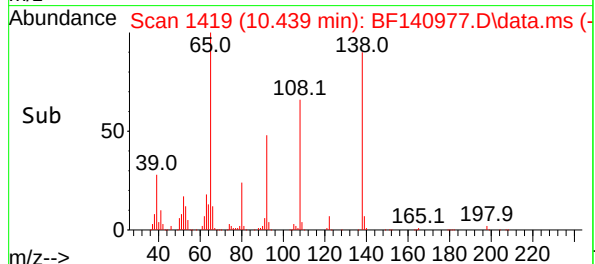
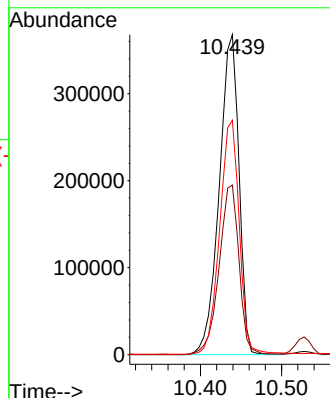
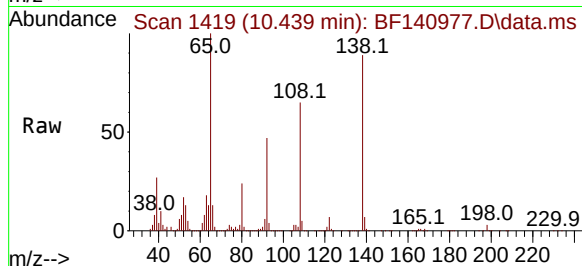
SSTDICC080

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

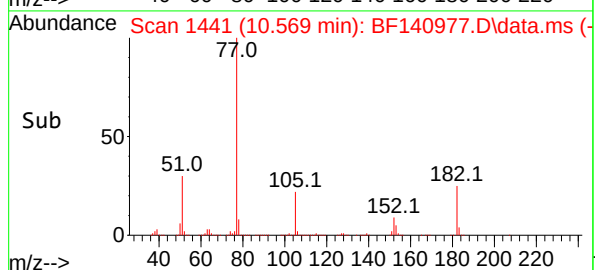
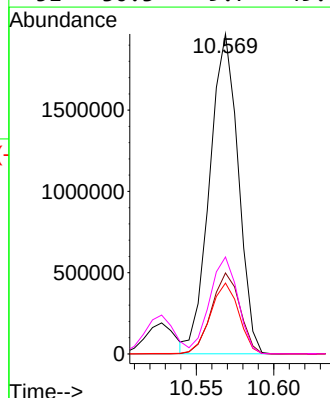
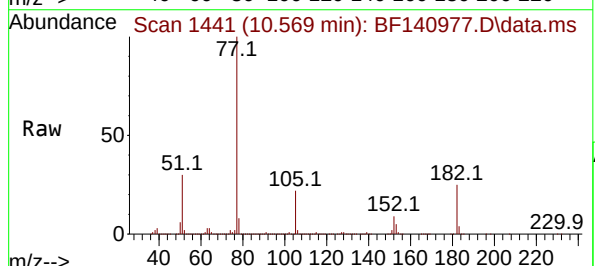
APPROVED

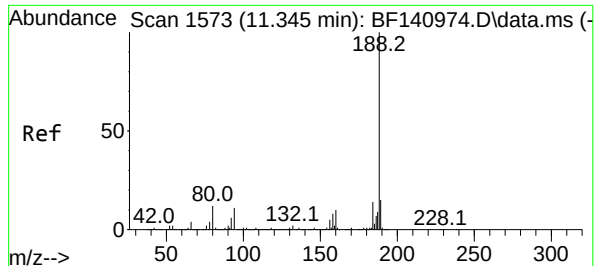
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





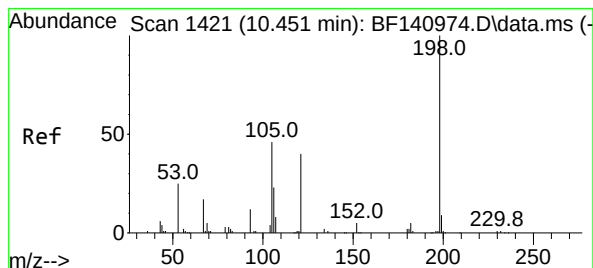
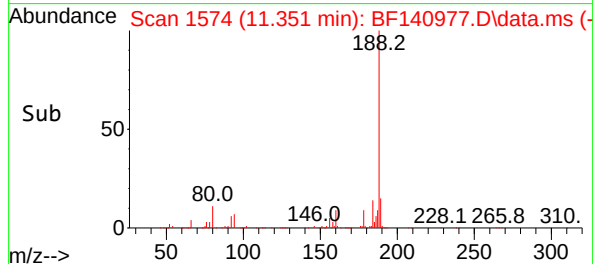
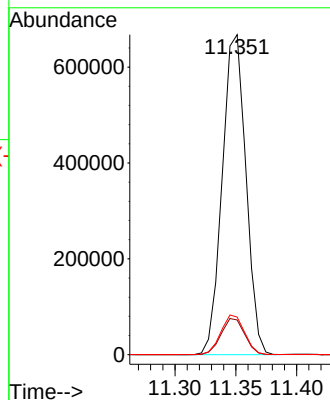
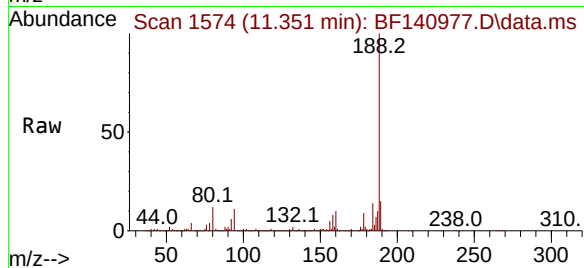
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

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

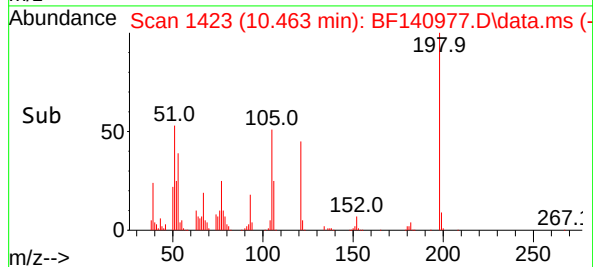
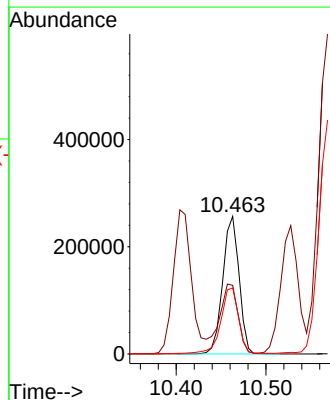
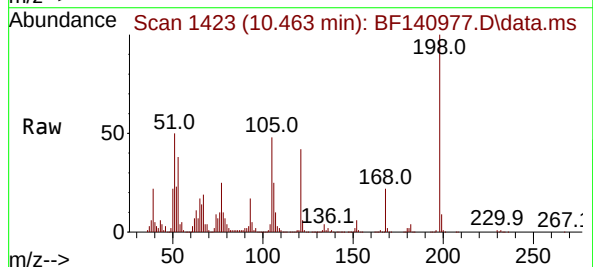
Manual Integrations
APPROVED

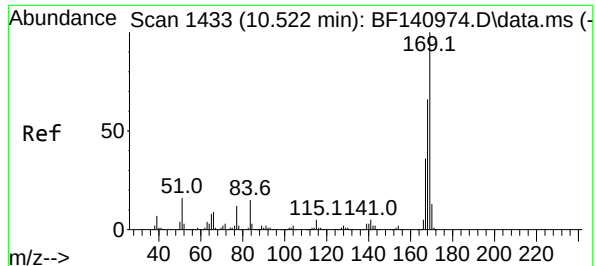
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

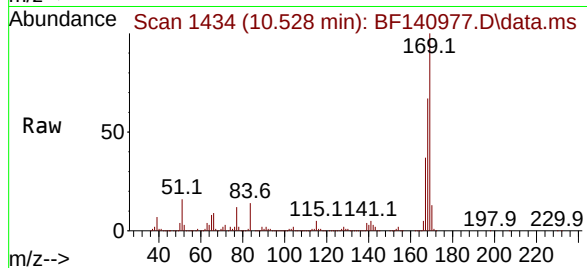
Tgt Ion:198 Resp: 323476
Ion Ratio Lower Upper
198 100
51 49.9 32.3 72.3
105 48.0 28.4 68.4





#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

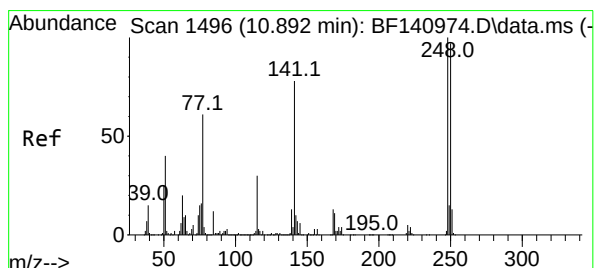
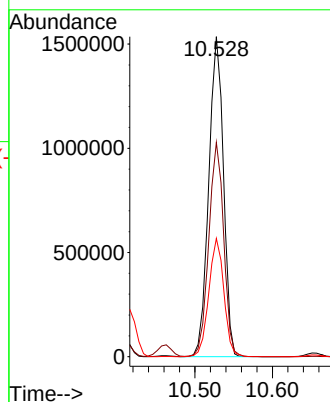
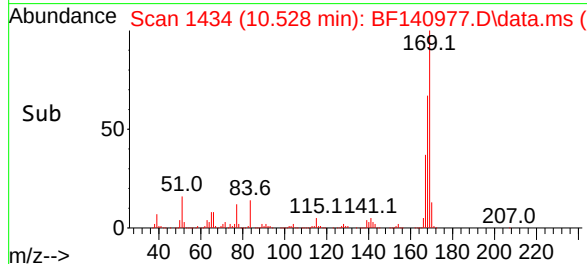
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

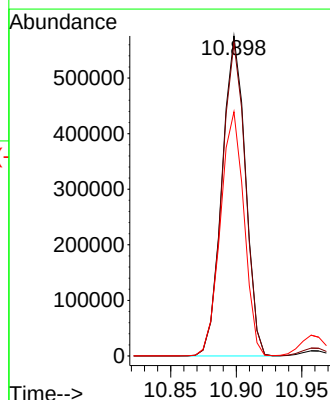
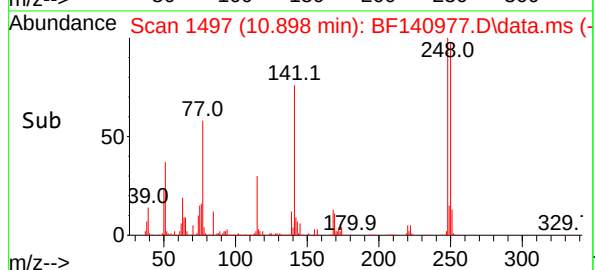
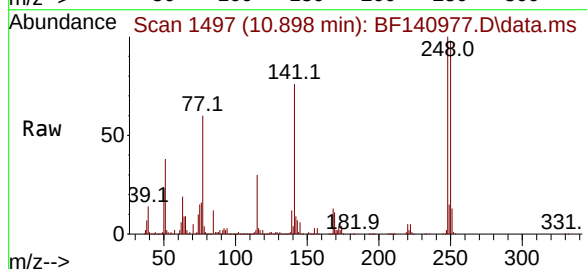
Manual Integrations
APPROVED

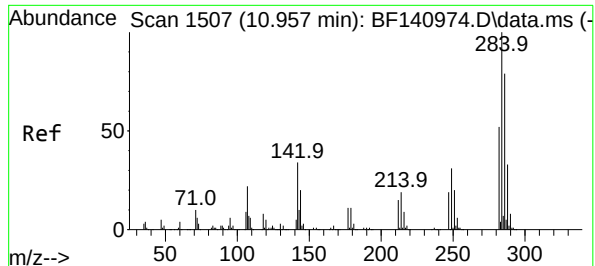
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

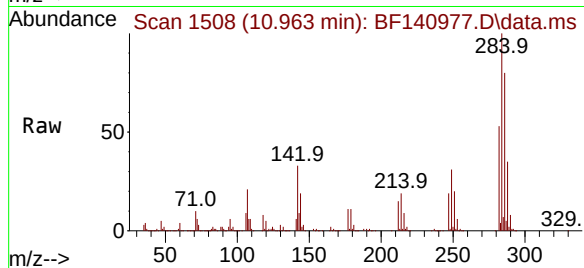
Tgt Ion:248 Resp: 713807
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 76.3 62.1 93.1





#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

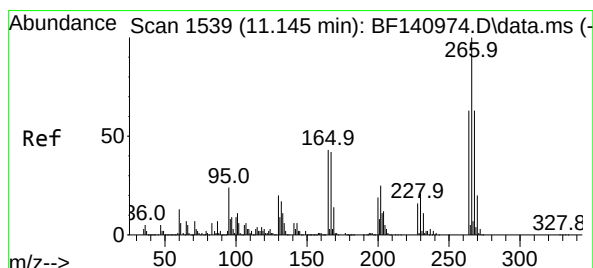
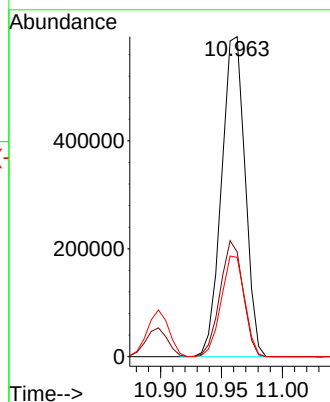
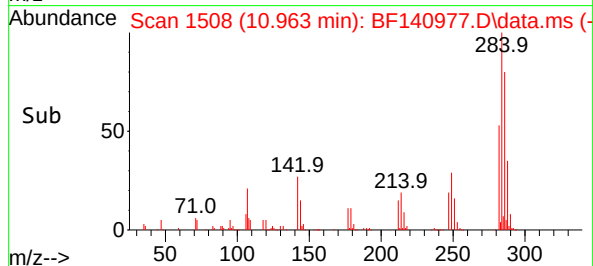
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



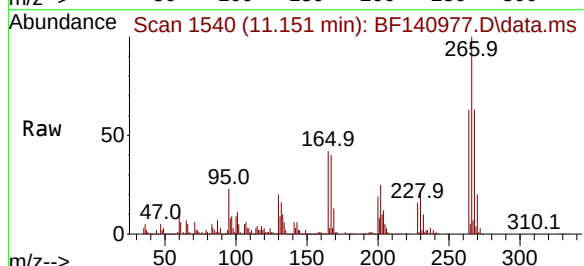
Tgt Ion:284 Resp: 79882
Ion Ratio Lower Upper
284 100
142 32.8 27.1 40.7
249 31.0 25.1 37.7

Manual Integrations
APPROVED

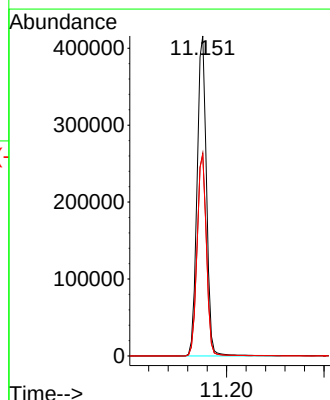
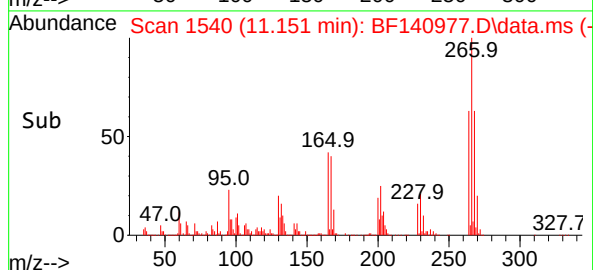
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

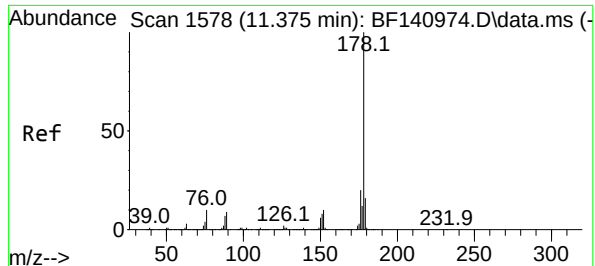


#70
Pentachlorophenol
Concen: 83.248 ng
RT: 11.151 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



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





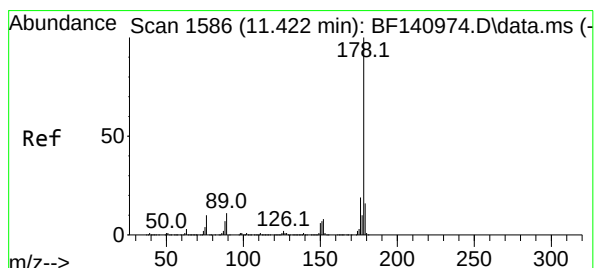
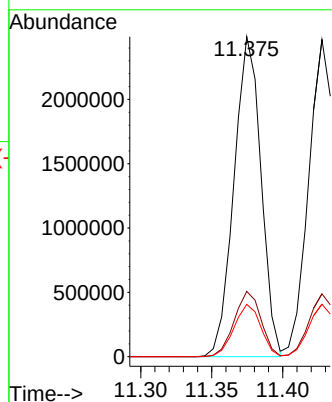
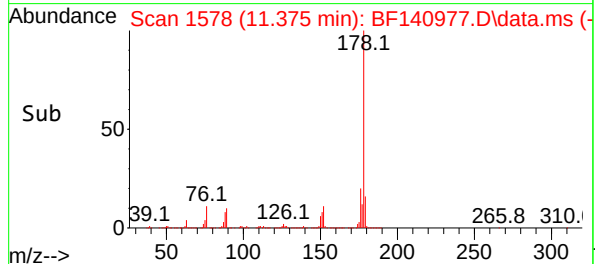
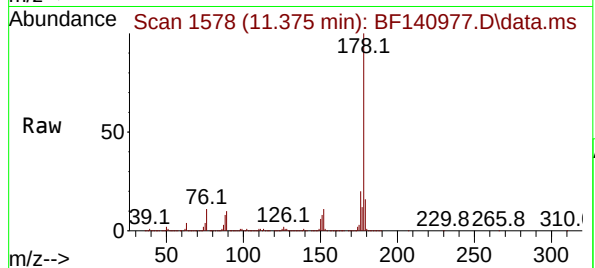
#71
Phenanthrene
Concen: 68.921 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

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

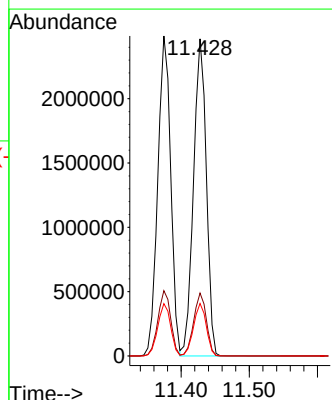
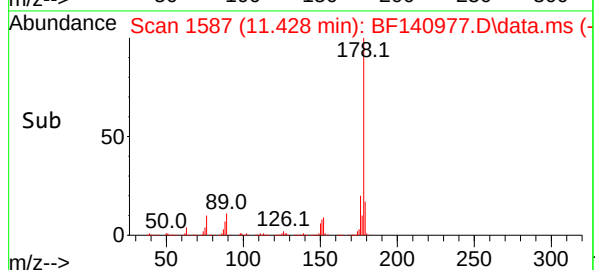
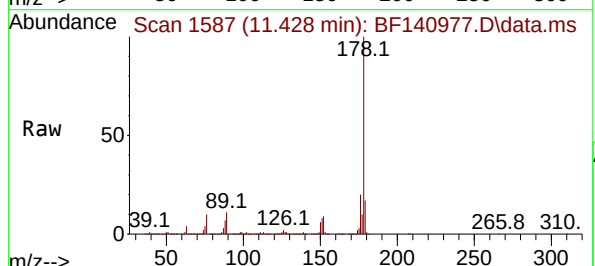
Manual Integrations
APPROVED

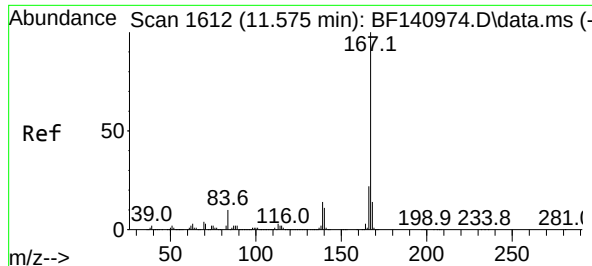
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

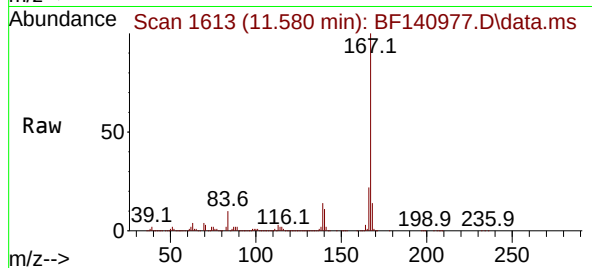
Tgt Ion:178 Resp: 3204142
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 16.6 12.9 19.3





#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

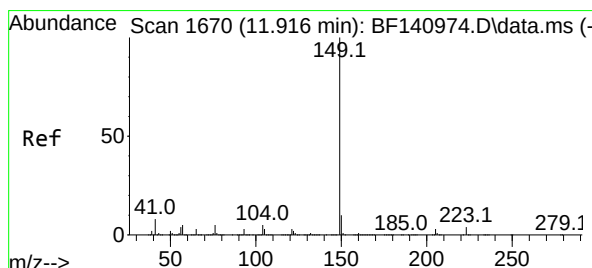
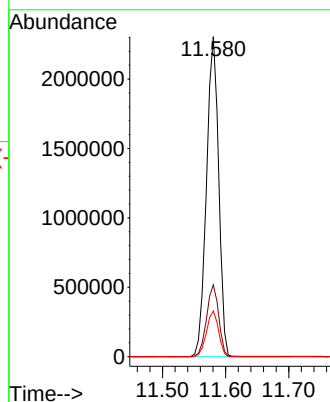
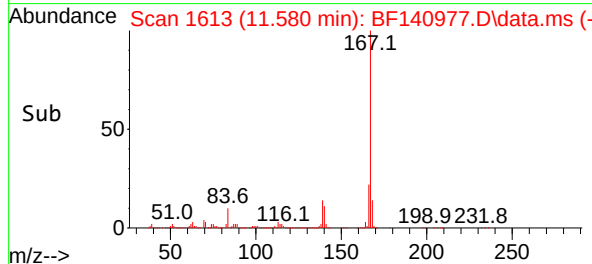
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

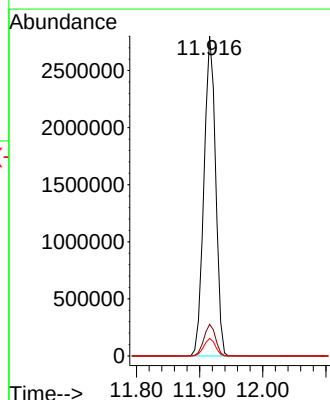
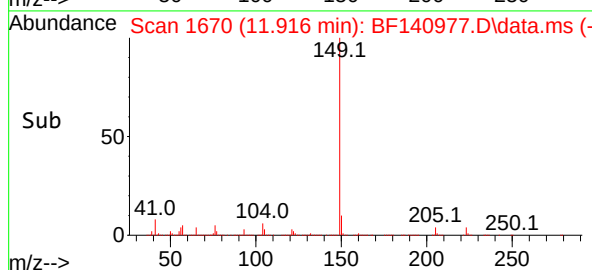
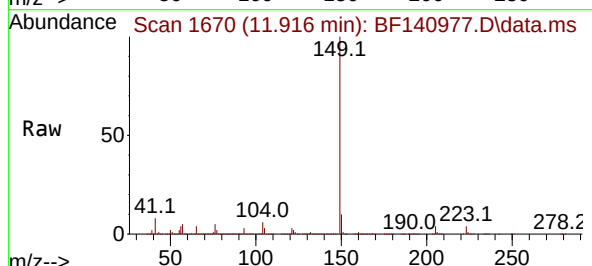
Manual Integrations
APPROVED

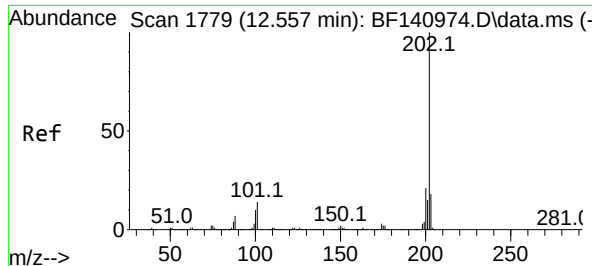
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

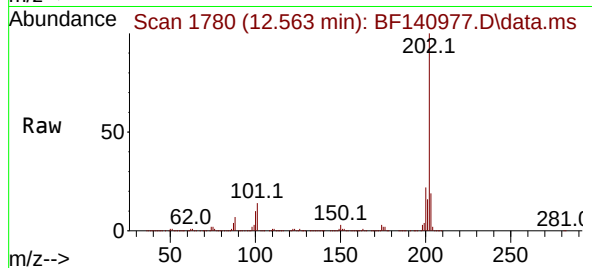
Tgt Ion:149 Resp: 3587776
Ion Ratio Lower Upper
149 100
150 9.9 7.7 11.5
104 5.5 4.1 6.1





#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

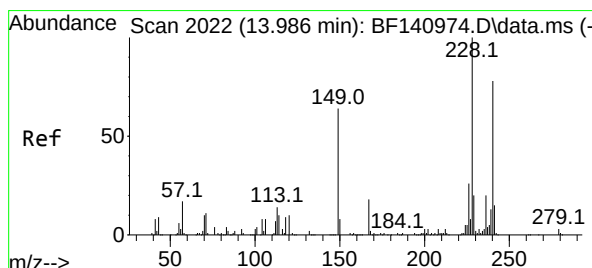
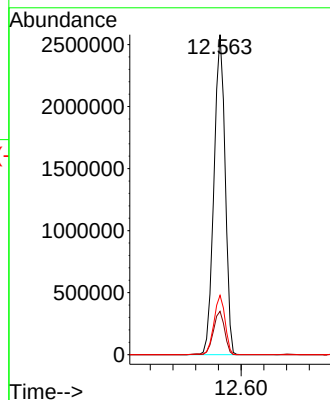
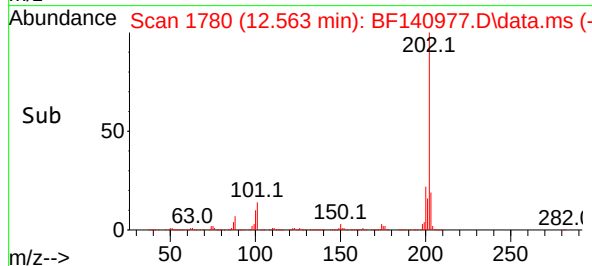
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

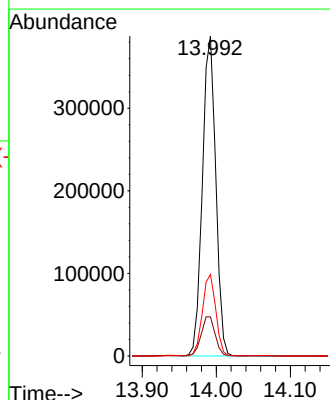
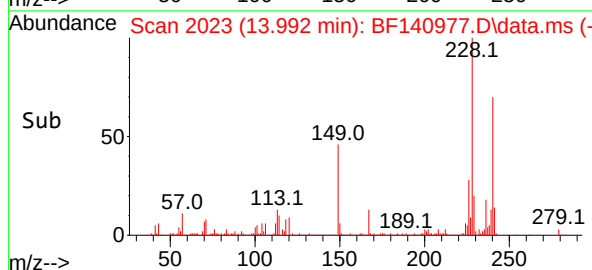
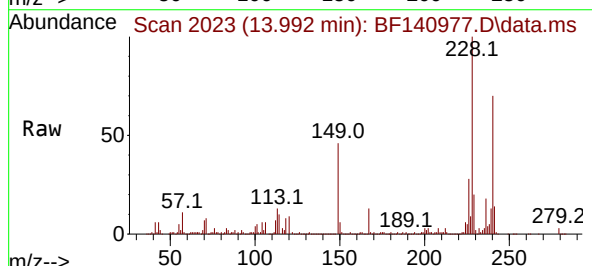
Manual Integrations
APPROVED

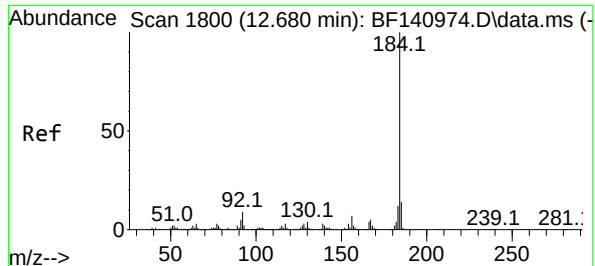
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

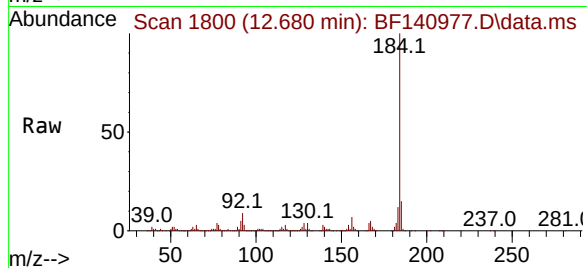
Tgt Ion:240 Resp: 487461
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 25.5 20.6 31.0





#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

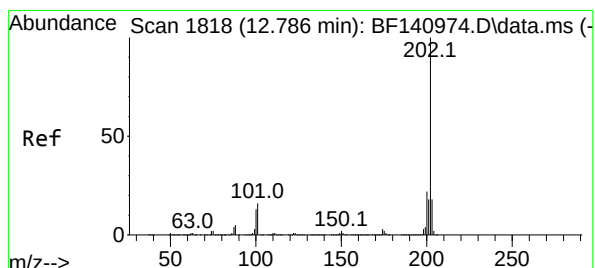
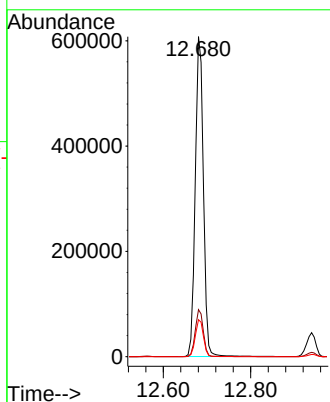
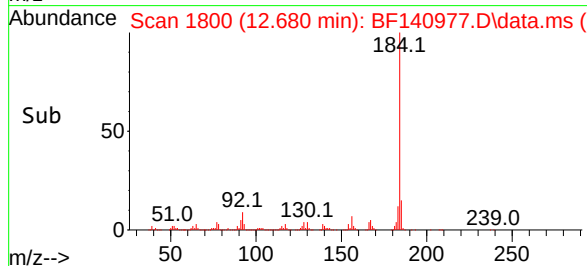
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

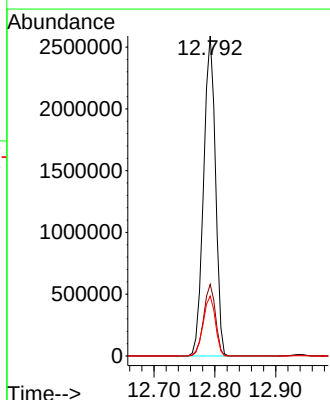
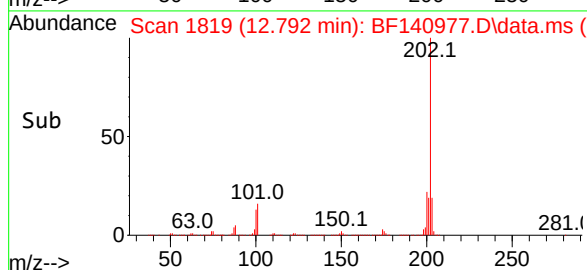
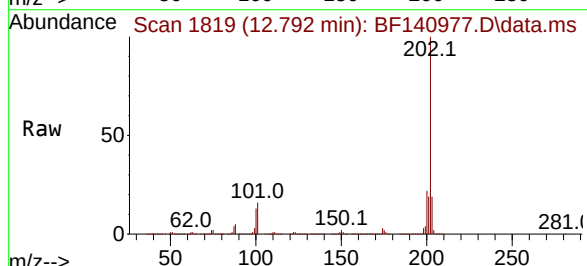
Manual Integrations
APPROVED

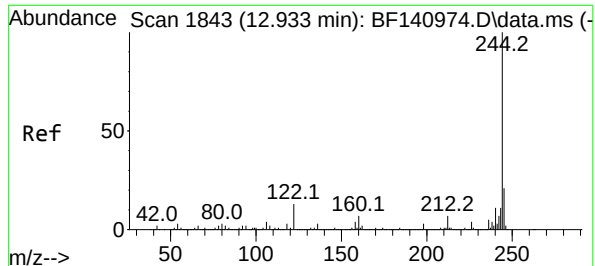
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

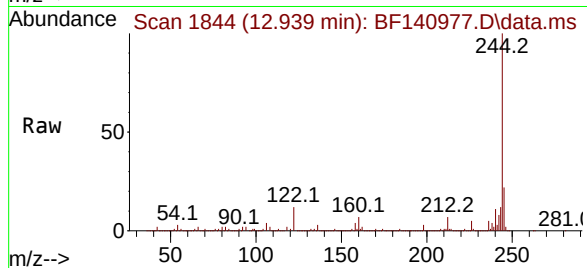
Tgt Ion:202 Resp: 3514654
Ion Ratio Lower Upper
202 100
200 22.4 17.3 25.9
203 18.8 14.6 21.8





#79
Terphenyl-d14
Concen: 160.683 ng
RT: 12.939 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

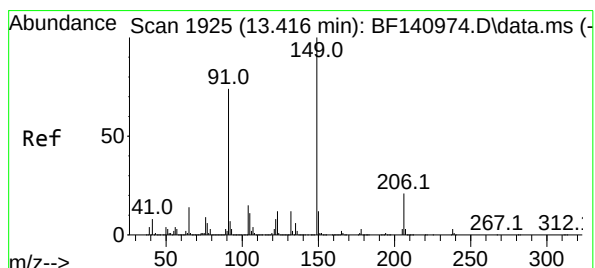
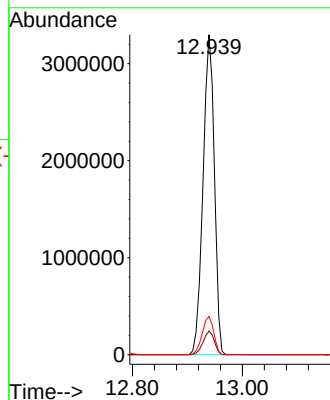
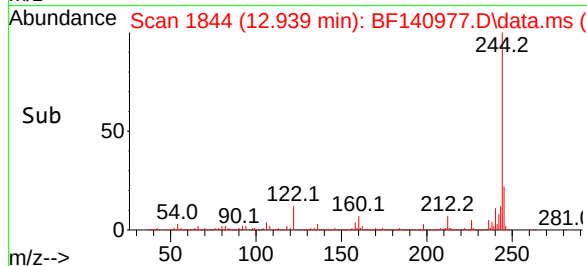
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

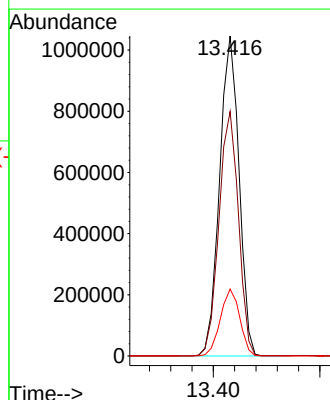
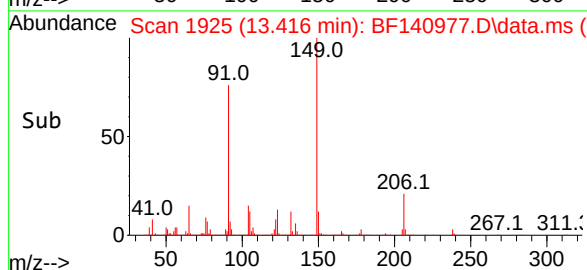
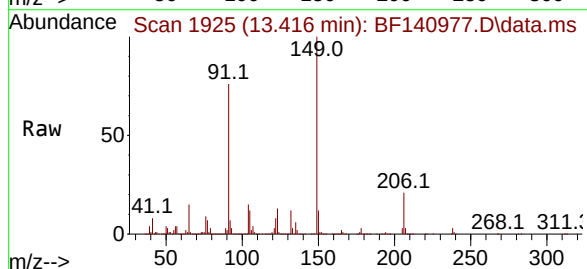
Manual Integrations
APPROVED

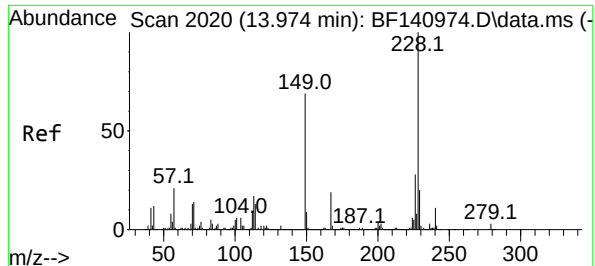
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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# 2015
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

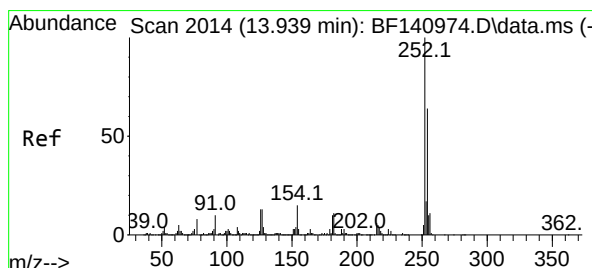
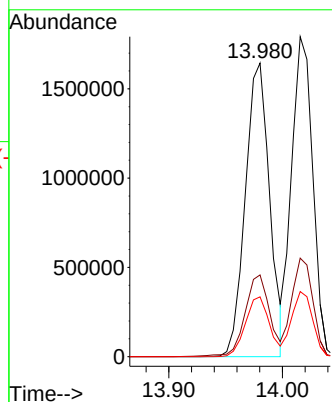
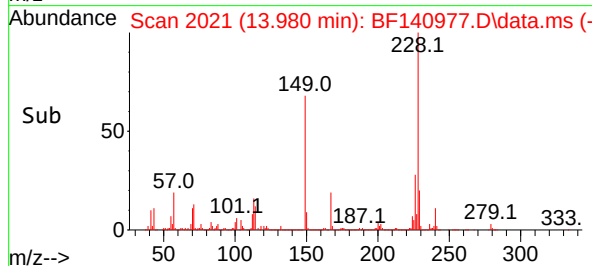
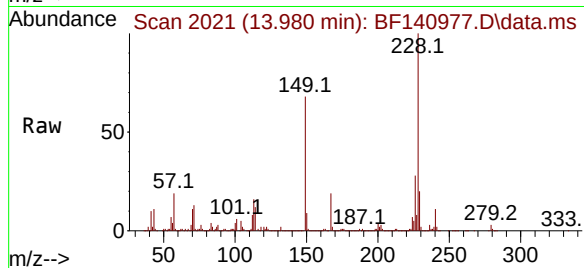
SSTDICC080

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

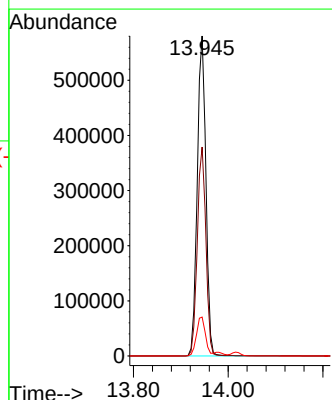
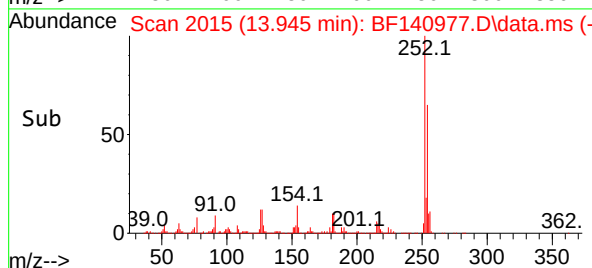
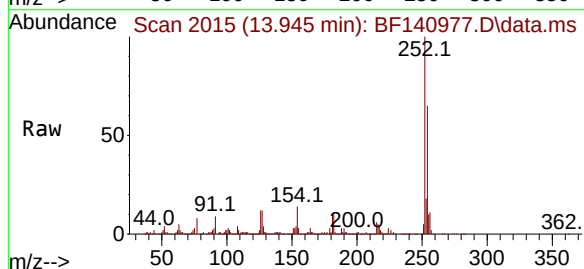
APPROVED

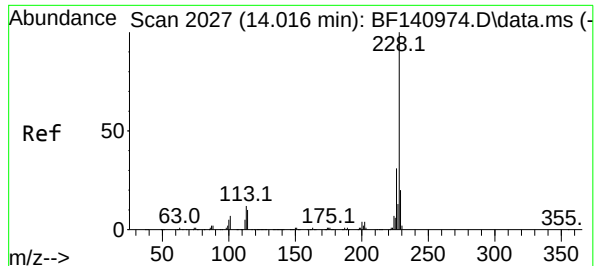
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

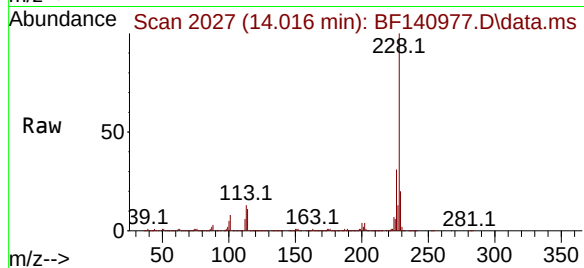
Tgt Ion:252 Resp: 735658
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 12.2 10.3 15.5





#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

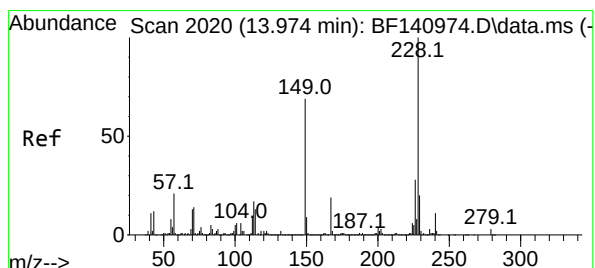
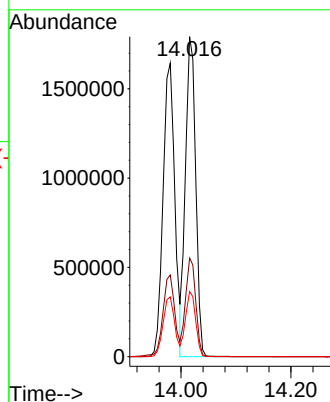
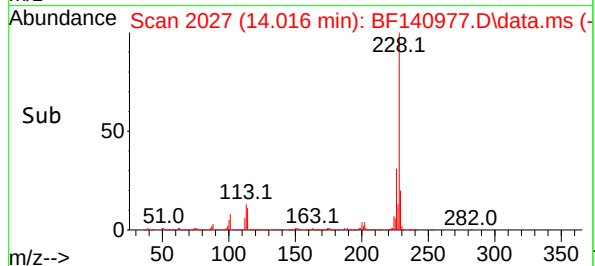
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

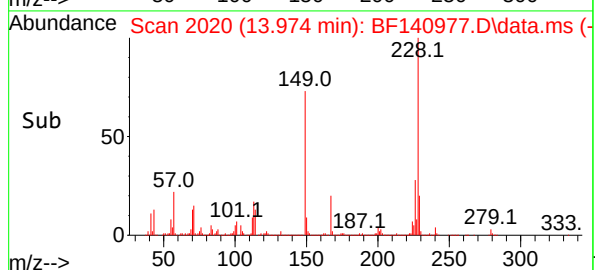
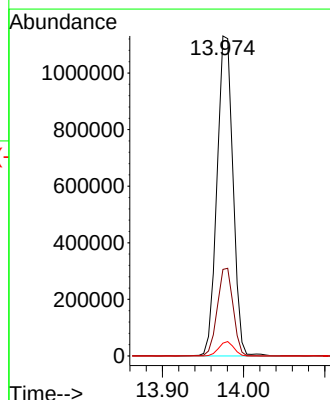
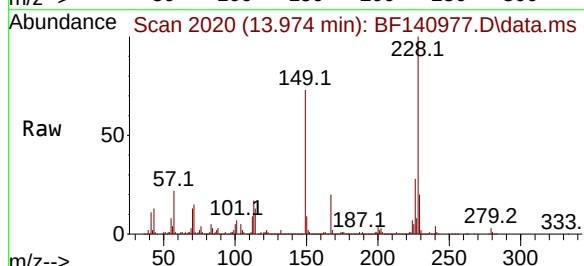
Manual Integrations
APPROVED

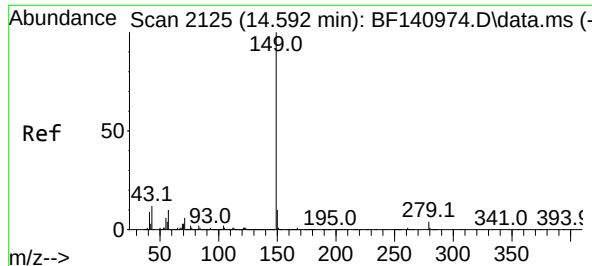
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

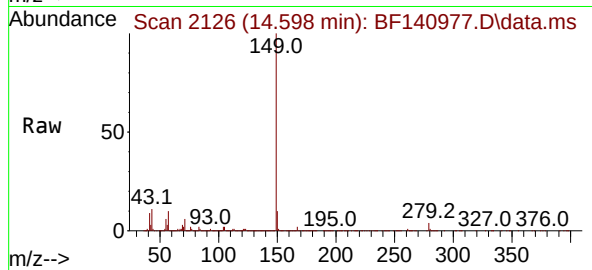
Tgt Ion:149 Resp: 1545595
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.0 3.2 4.8





#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

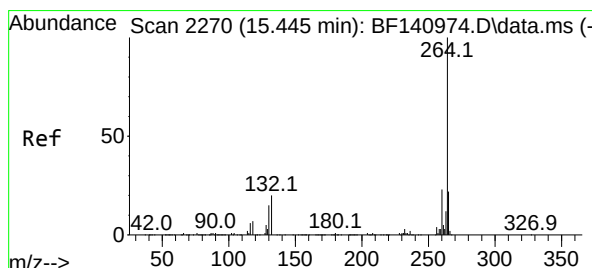
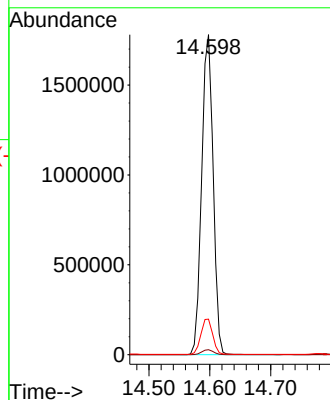
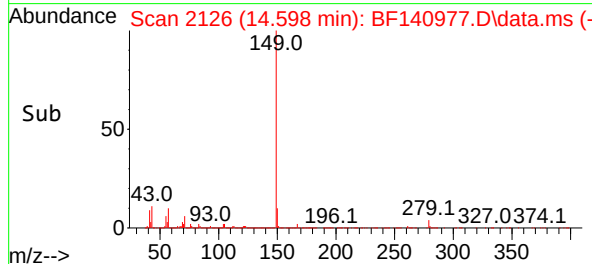
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

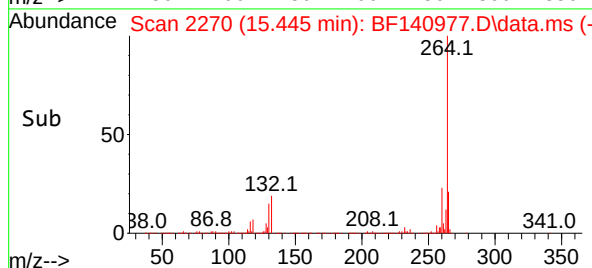
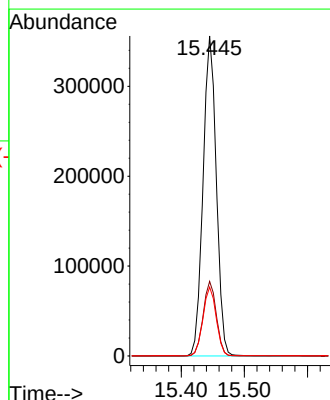
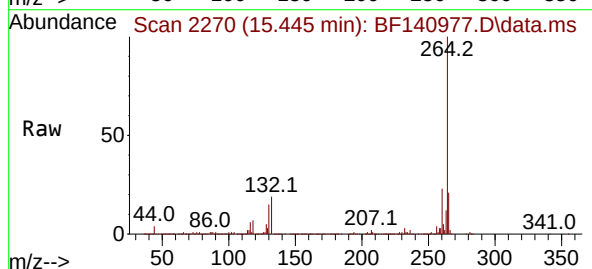
Manual Integrations
APPROVED

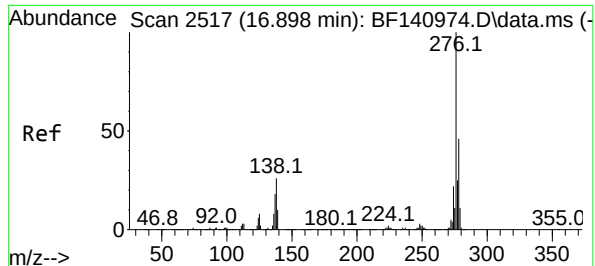
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

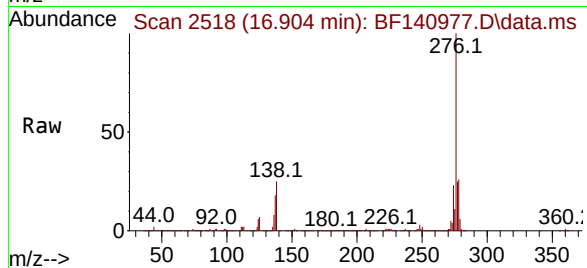
Tgt Ion:264 Resp: 520884
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 88.322 ng
RT: 16.904 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

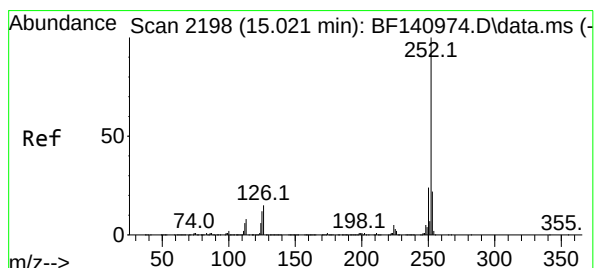
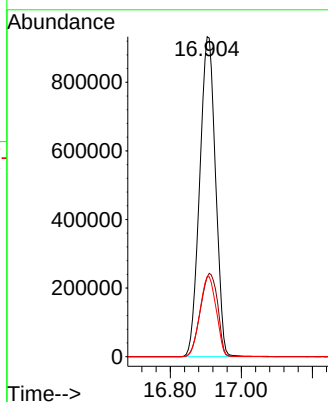
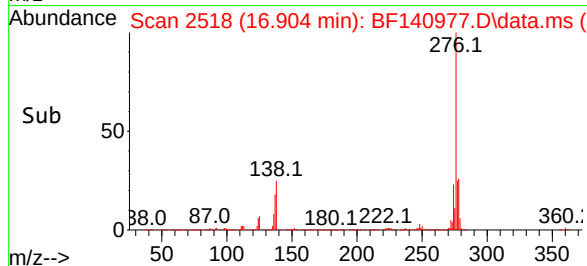
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

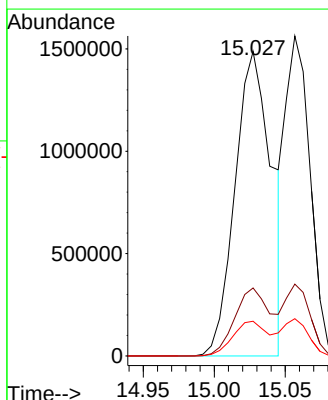
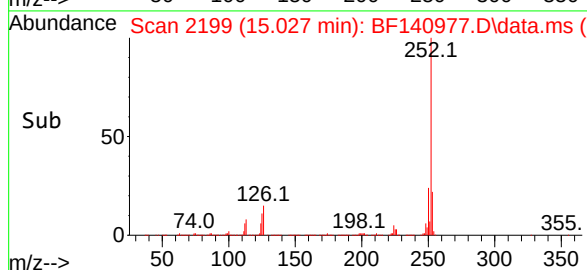
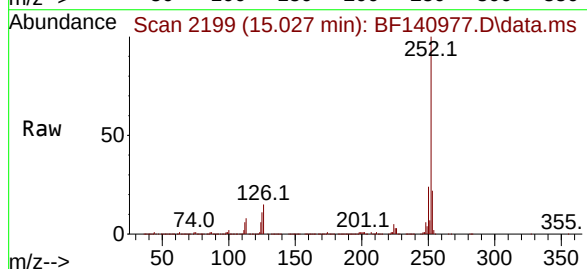
Manual Integrations
APPROVED

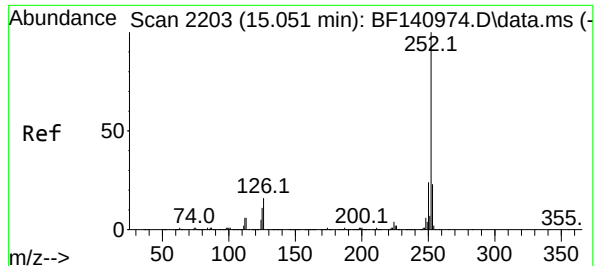
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

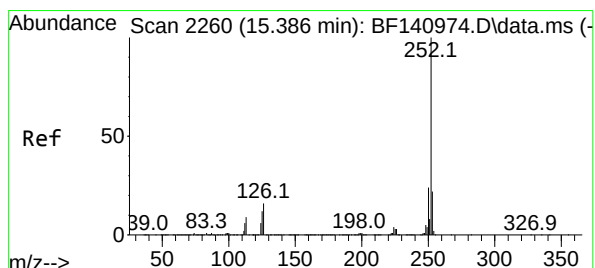
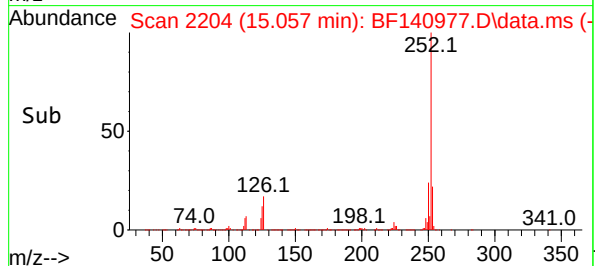
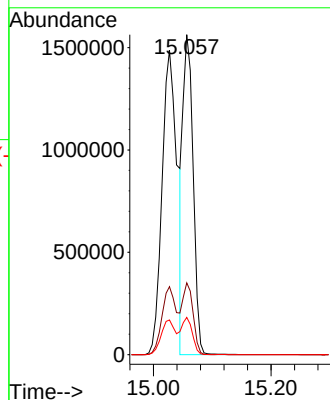
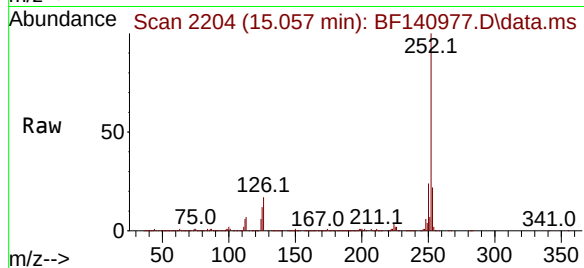
125 11.7 9.4 14.0

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

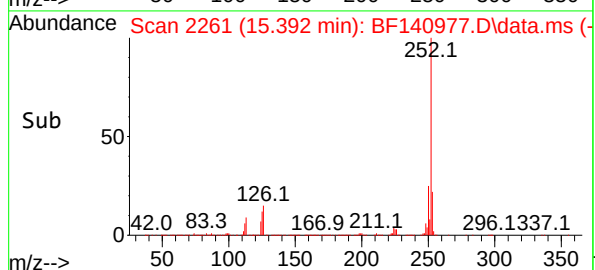
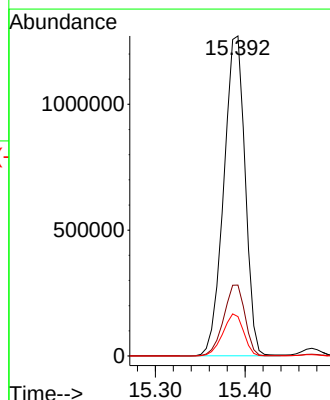
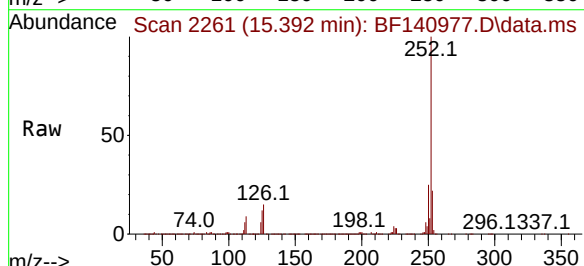
Tgt Ion:252 Resp: 2098162

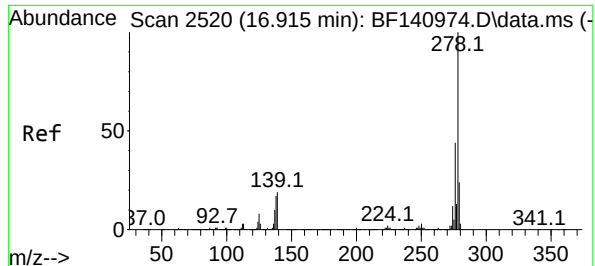
Ion Ratio Lower Upper

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

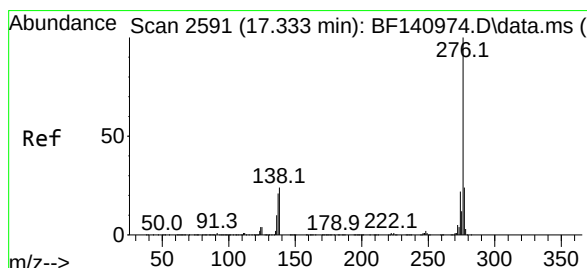
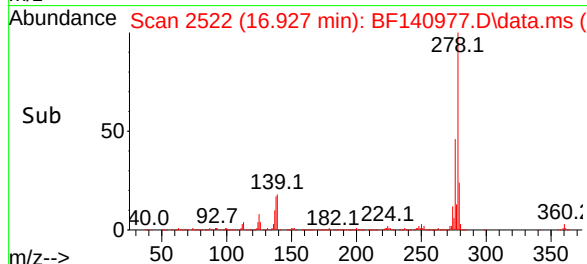
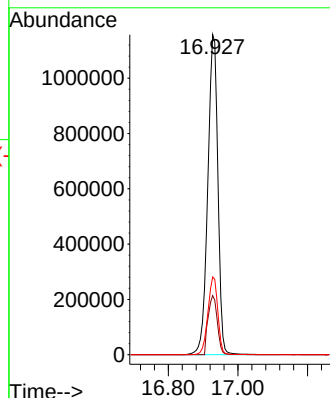
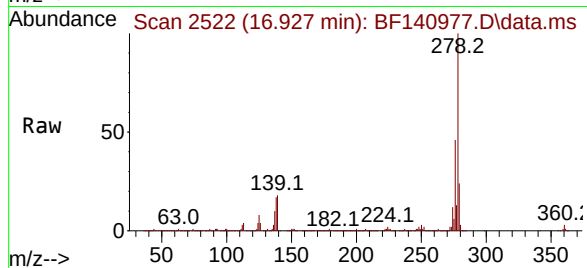
279 24.3 19.0 28.6

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

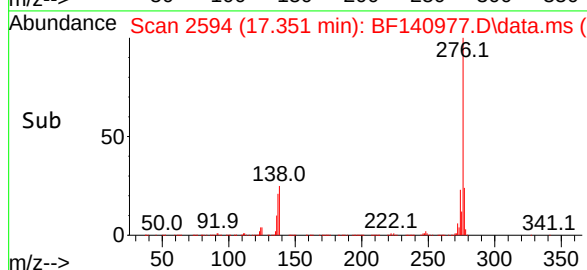
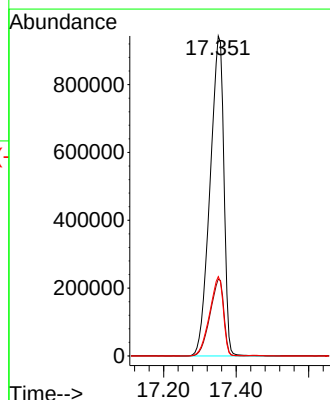
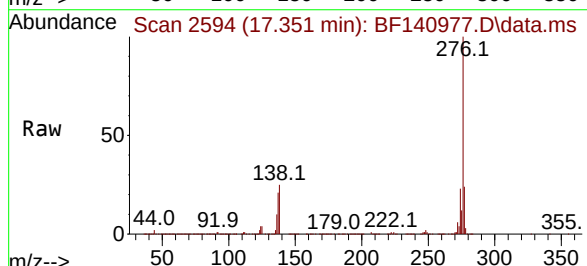
Tgt Ion:276 Resp: 2487019

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

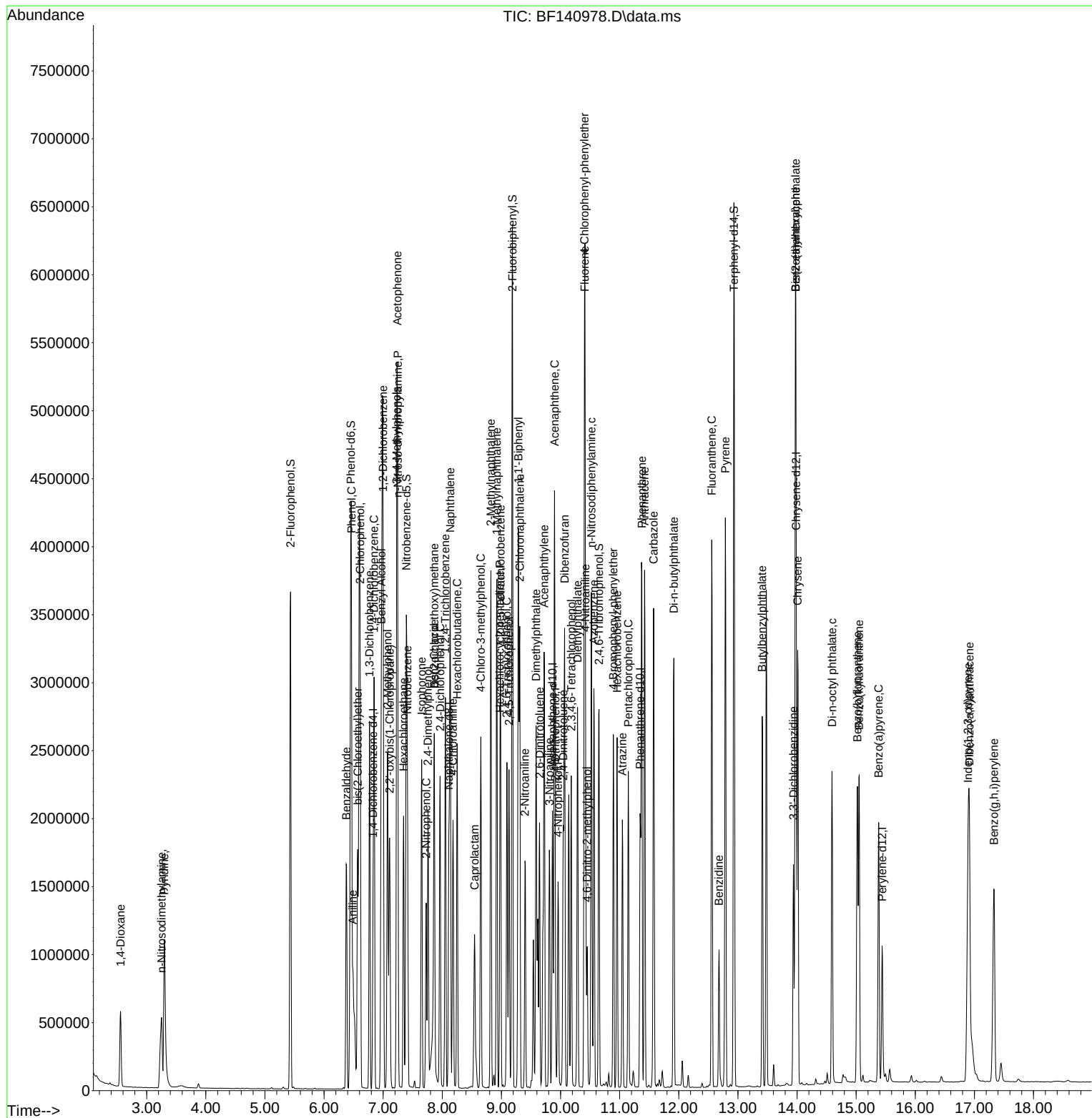
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 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

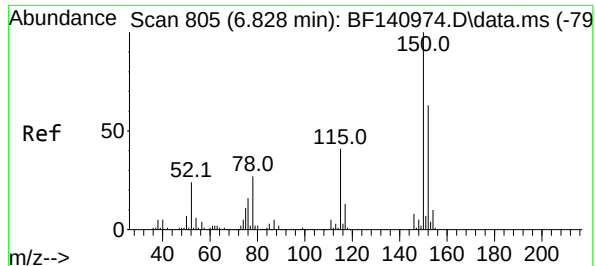
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122624

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





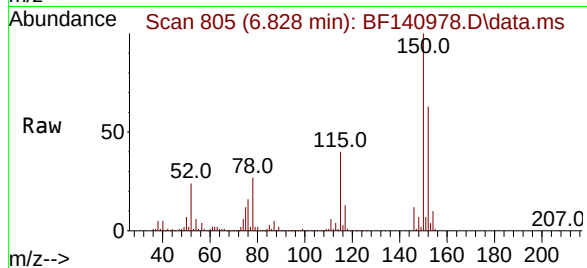
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

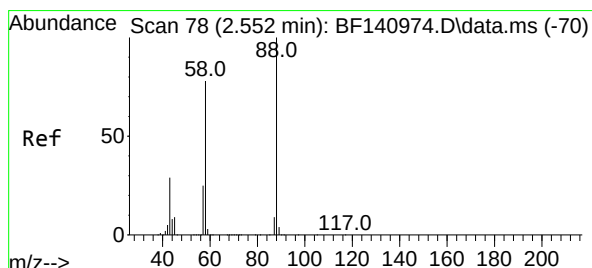
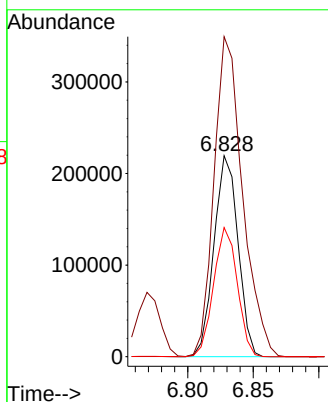
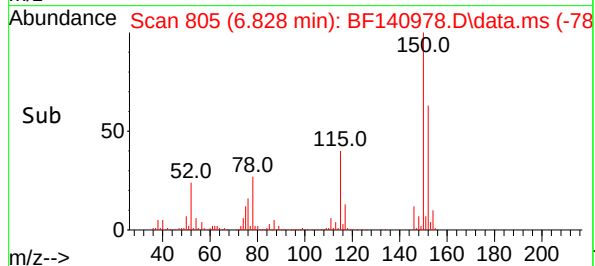


Tgt Ion:152 Resp: 278910
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 64.3 51.7 77.5

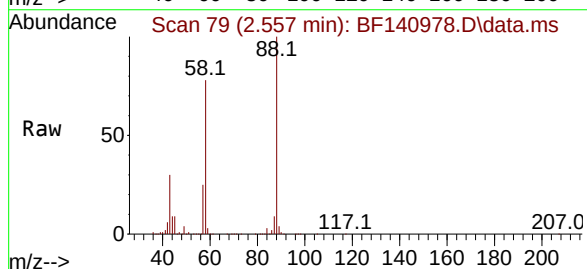
Manual Integrations

APPROVED

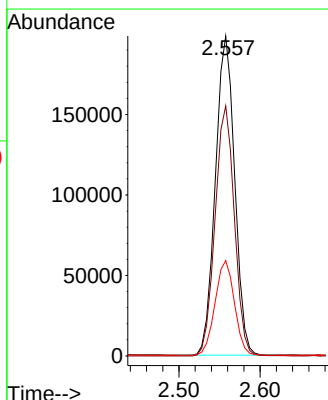
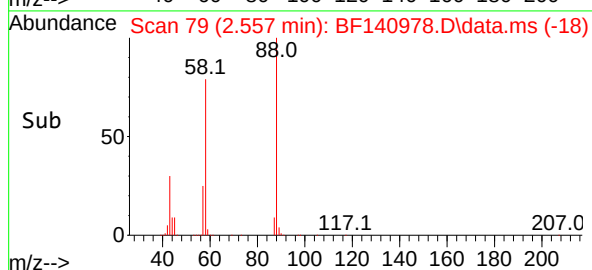
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

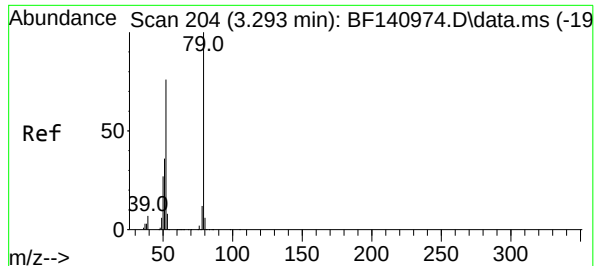


#2
1,4-Dioxane
Concen: 39.078 ng
RT: 2.557 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



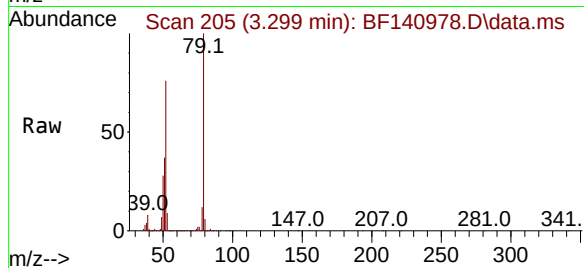
Tgt Ion: 88 Resp: 327350
Ion Ratio Lower Upper
88 100
58 78.3 63.0 94.4
43 29.7 23.4 35.2





#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

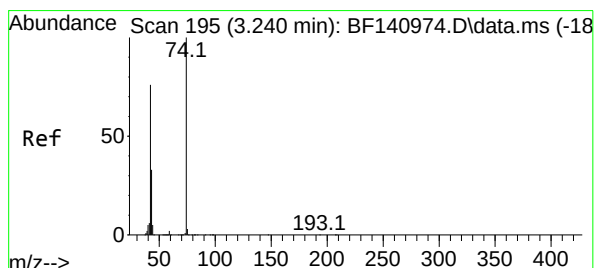
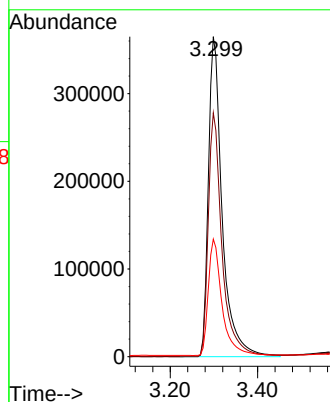
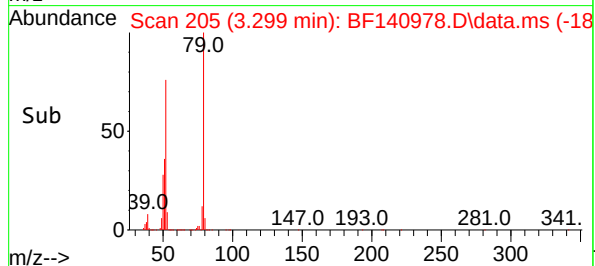
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

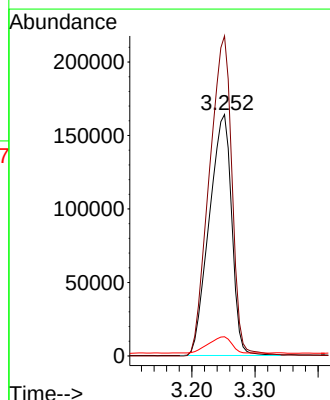
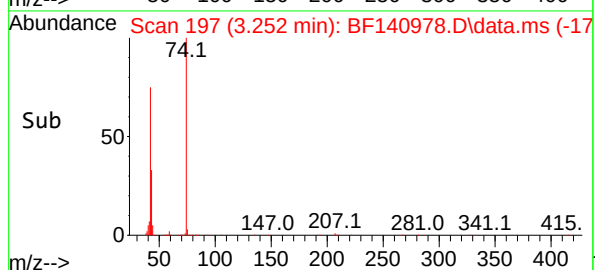
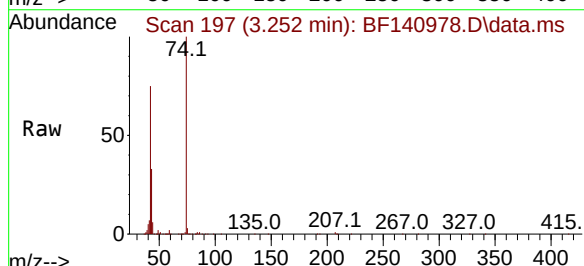
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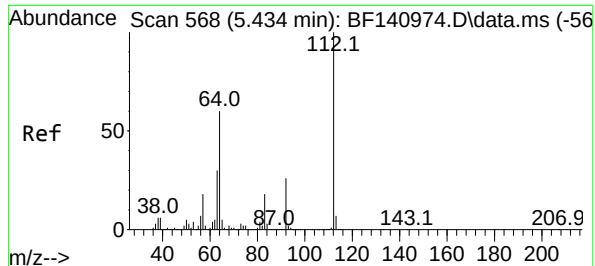
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

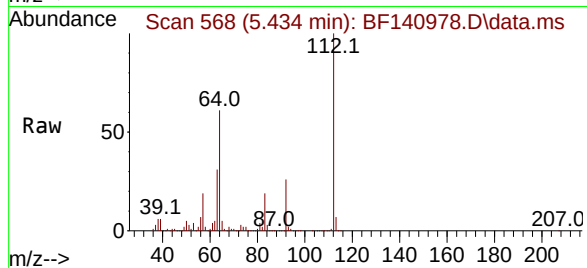
Tgt Ion: 42 Resp: 405836
Ion Ratio Lower Upper
42 100
74 132.5 105.8 158.6
44 7.9 6.6 10.0





#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

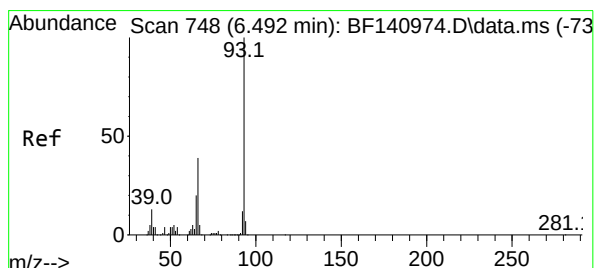
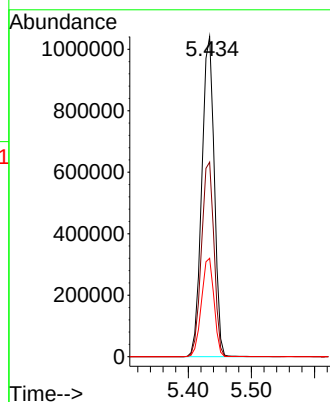
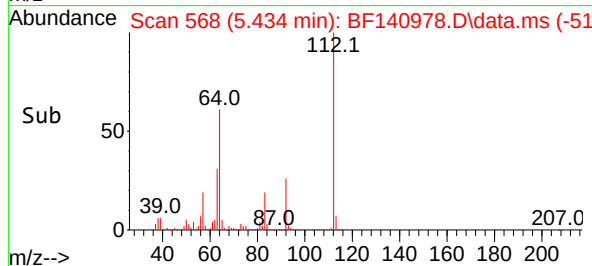
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

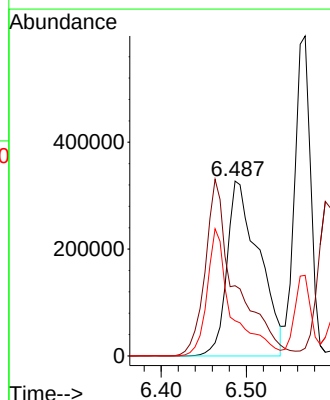
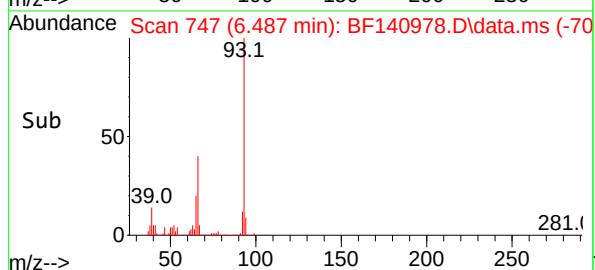
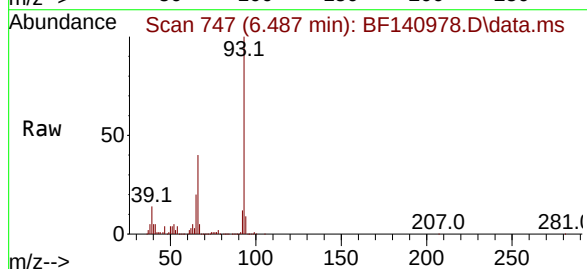
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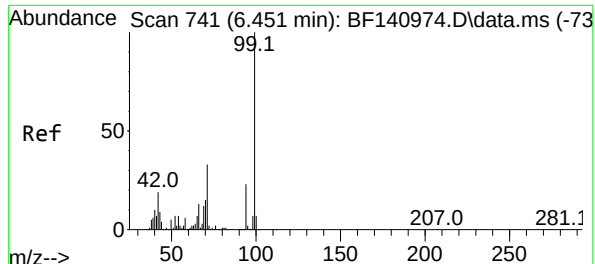
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

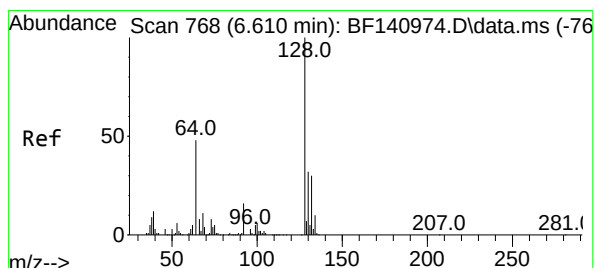
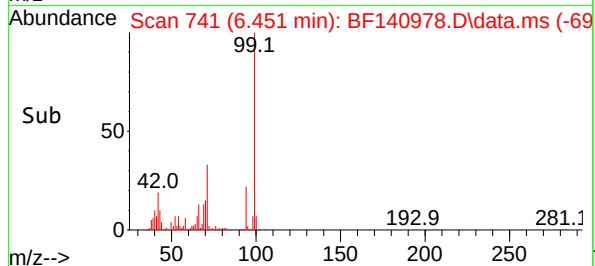
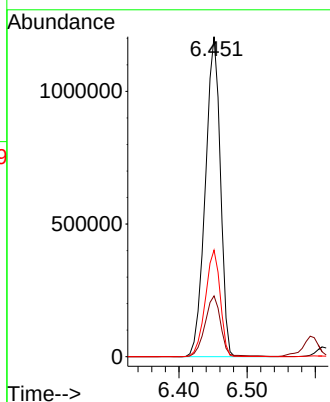
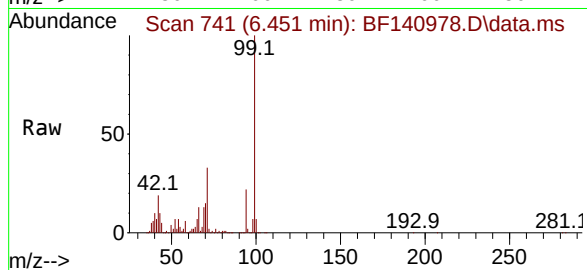
71 33.3 26.2 39.2

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

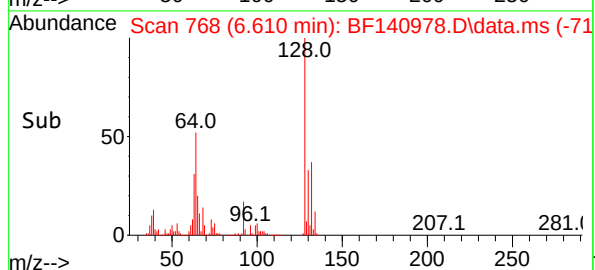
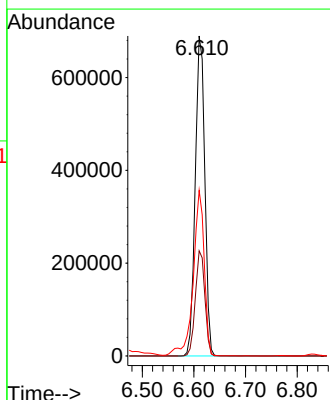
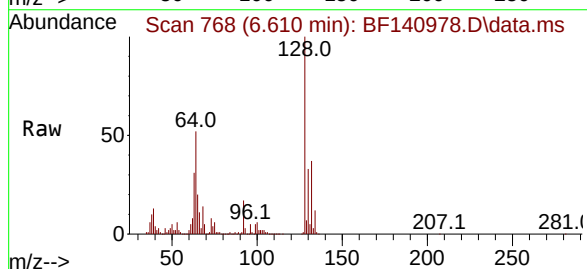
Tgt Ion:128 Resp: 885691

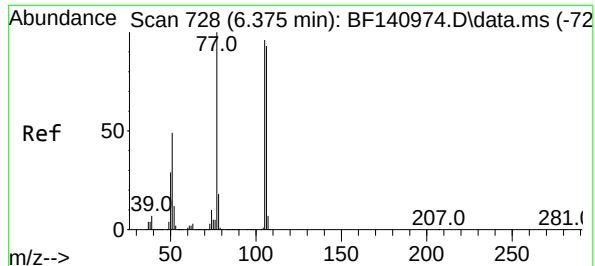
Ion Ratio Lower Upper

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

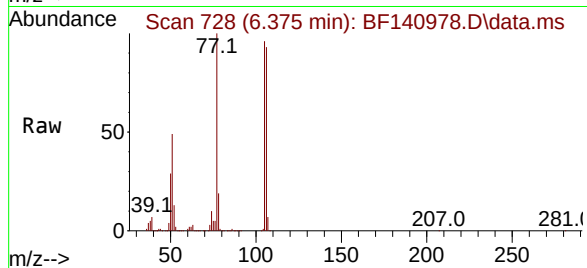
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



Tgt Ion: 77 Resp: 487130

Ion Ratio Lower Upper

77 100

105 95.9 76.2 116.2

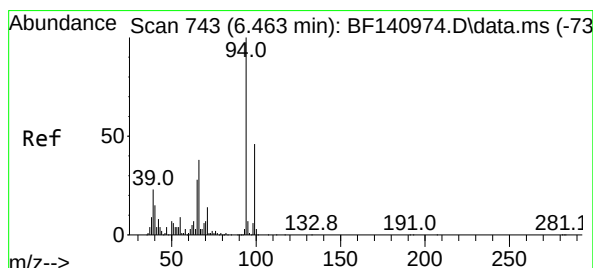
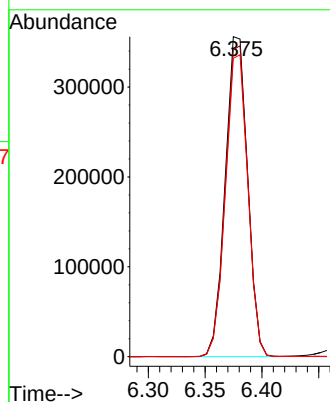
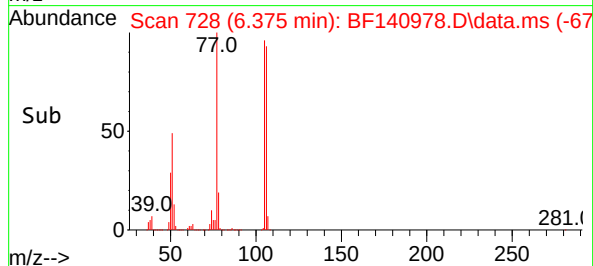
106 93.2 73.4 113.4

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

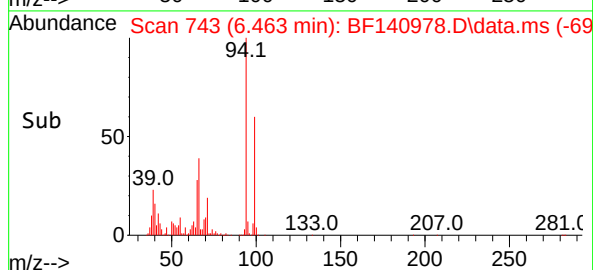
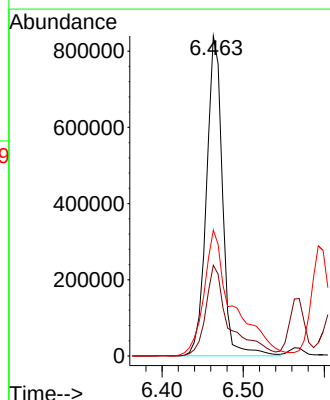
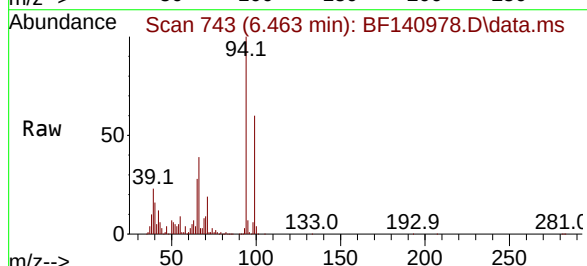
Tgt Ion: 94 Resp: 1150959

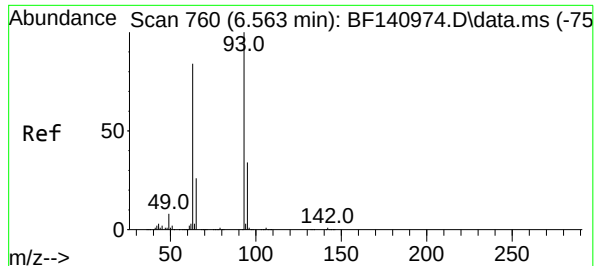
Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

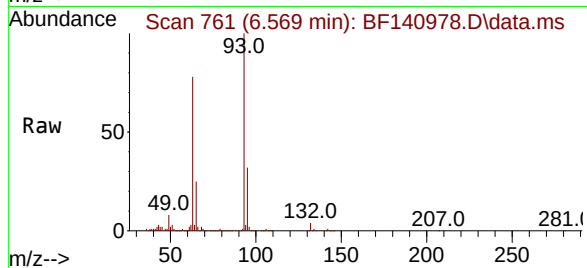
66 39.4 18.7 58.7





#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

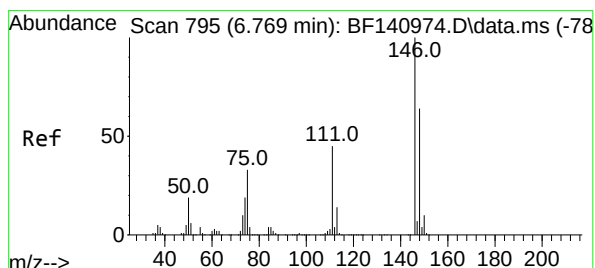
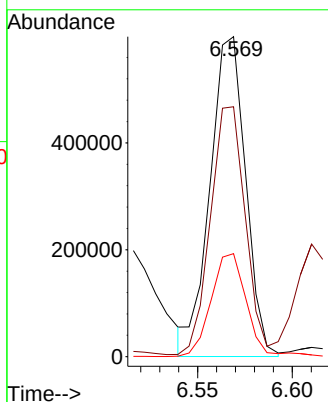
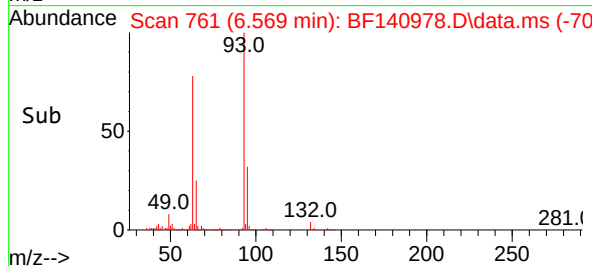
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

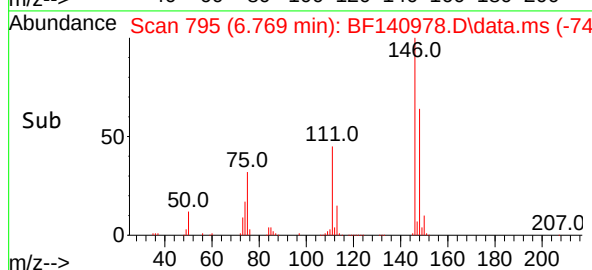
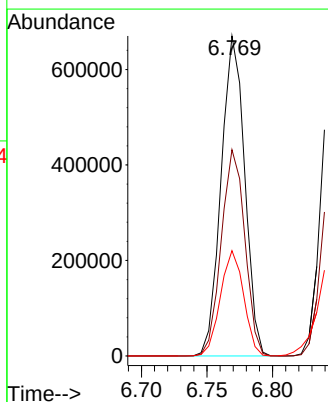
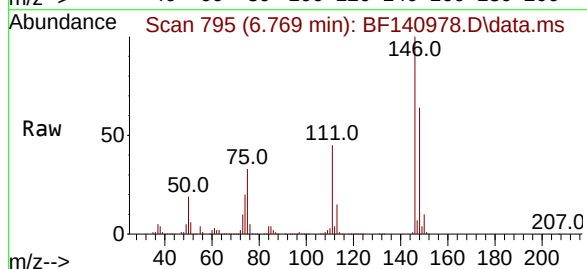
Manual Integrations
APPROVED

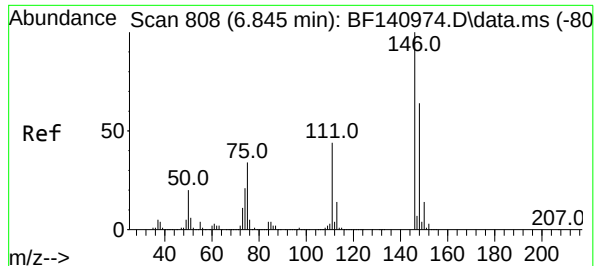
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

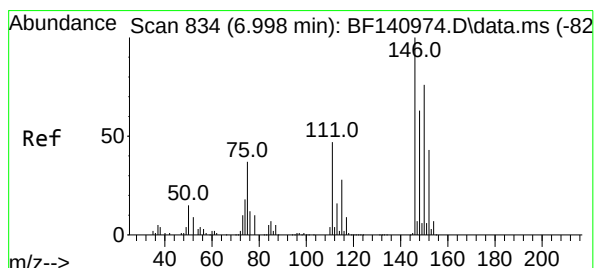
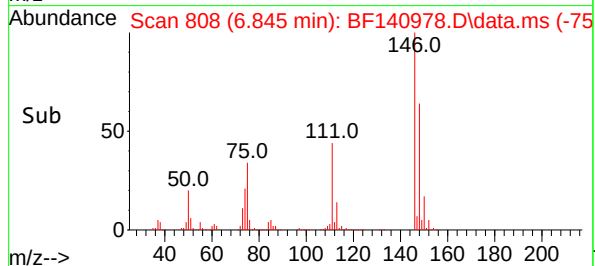
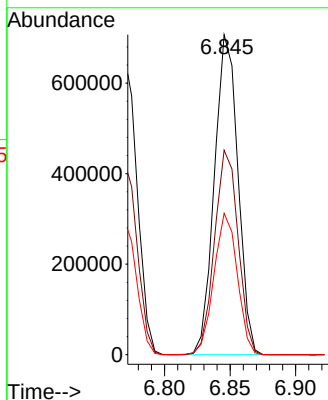
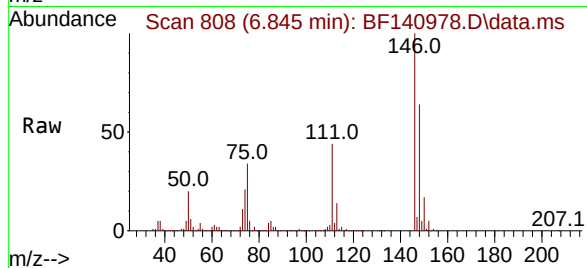
111 44.1 35.3 52.9

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

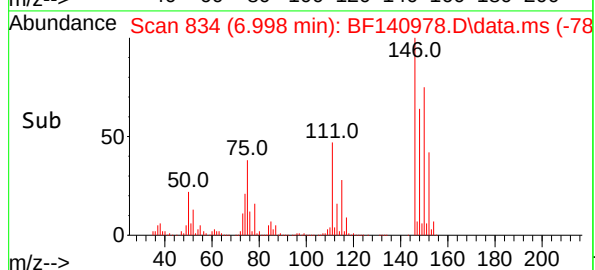
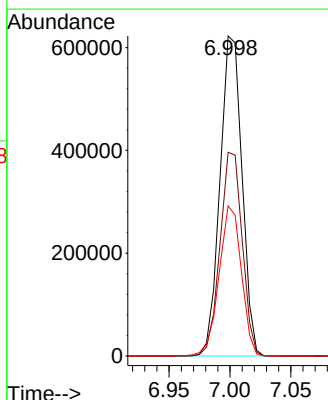
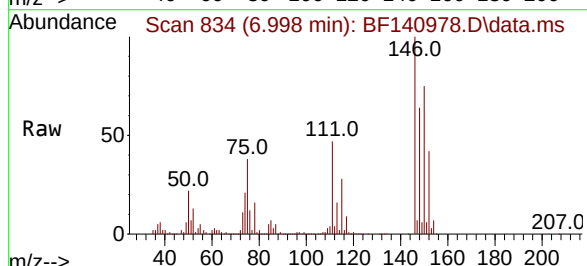
Tgt Ion:146 Resp: 784556

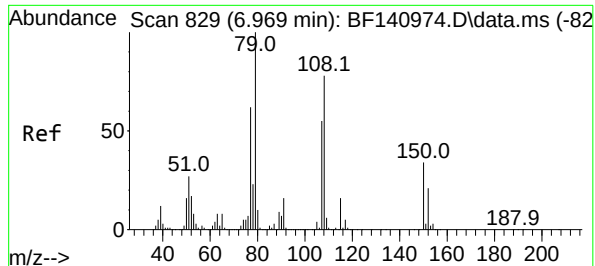
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

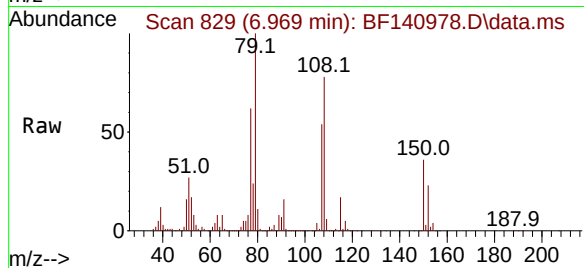
111 46.9 37.3 55.9





#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

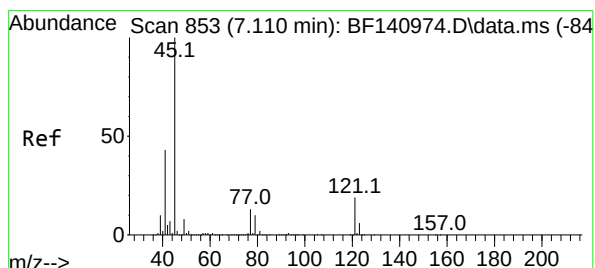
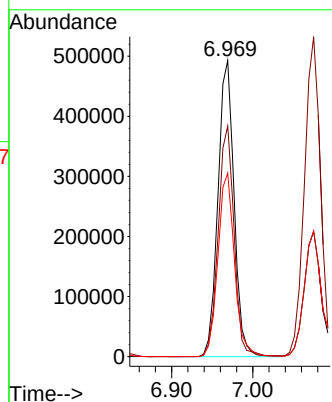
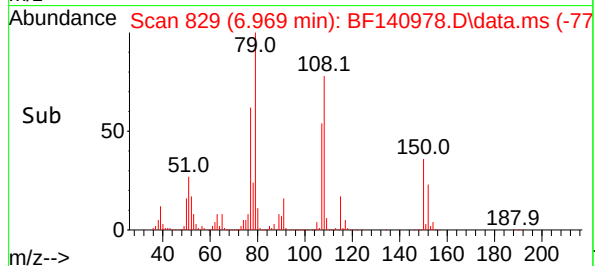
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

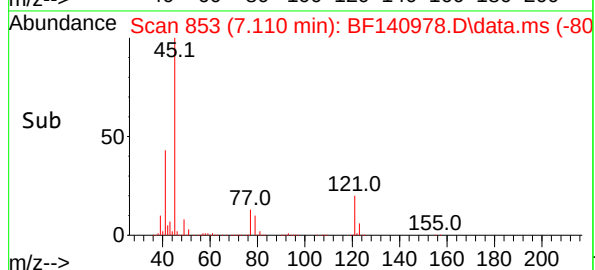
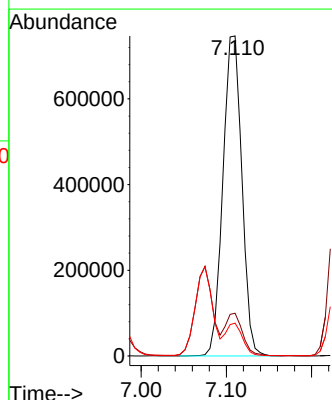
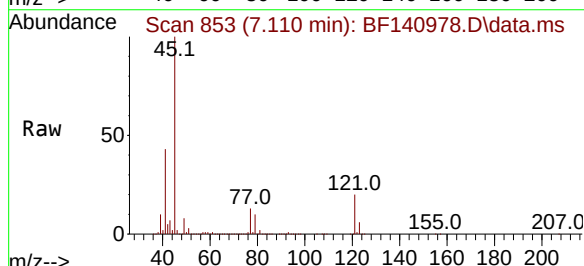
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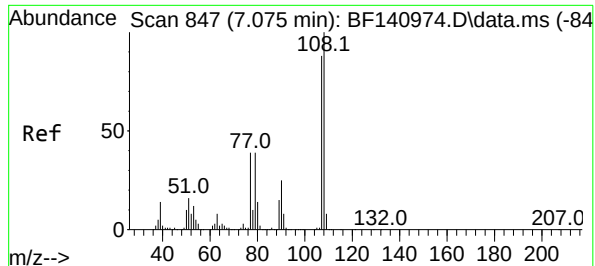
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

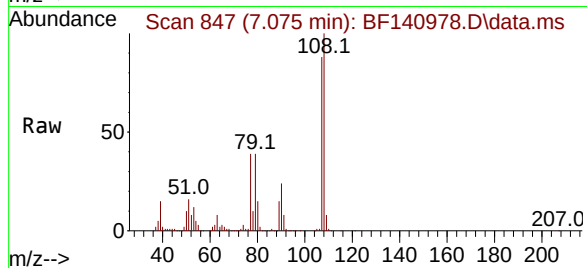
Acq: 26 Dec 2024 19:52

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

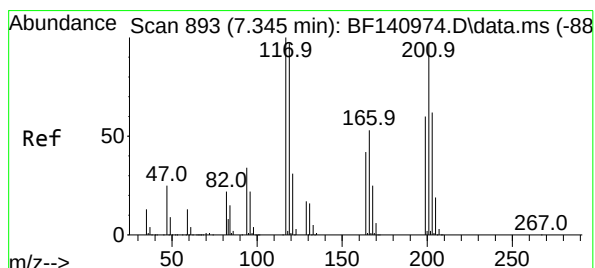
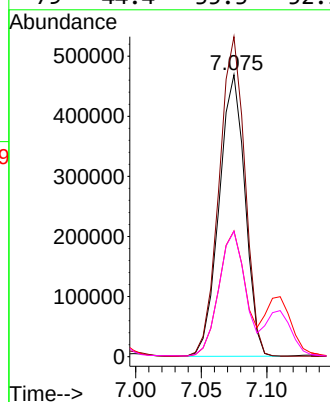
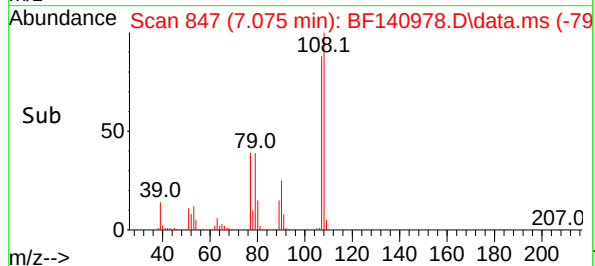
79 44.4 35.3 52.9

Manual Integrations

APPROVED

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

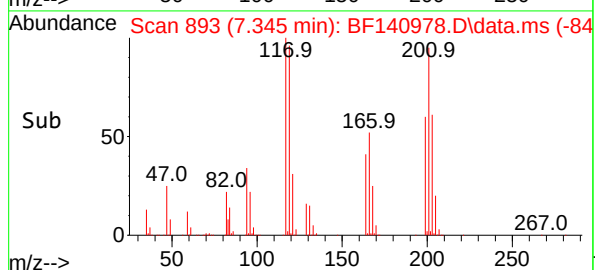
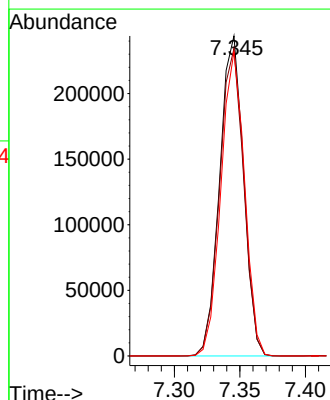
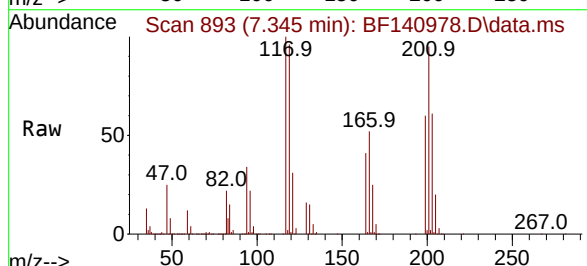
Tgt Ion:117 Resp: 308596

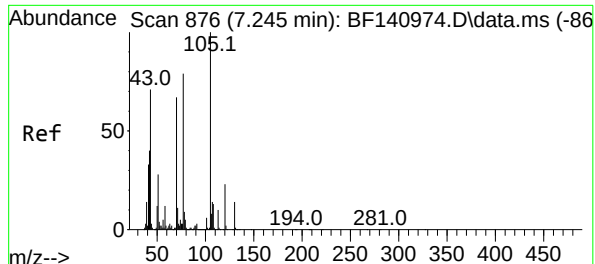
Ion Ratio Lower Upper

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

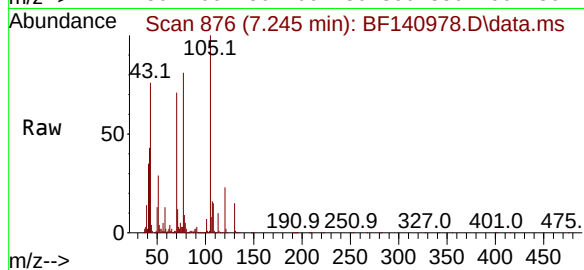
Acq: 26 Dec 2024 19:52

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

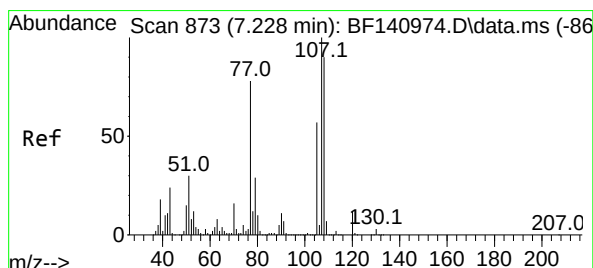
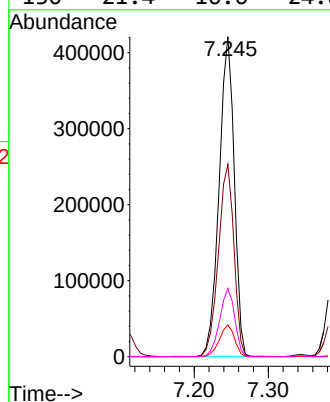
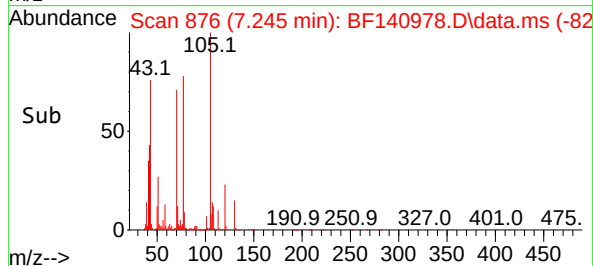
130 21.4 16.6 24.8

Manual Integrations

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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

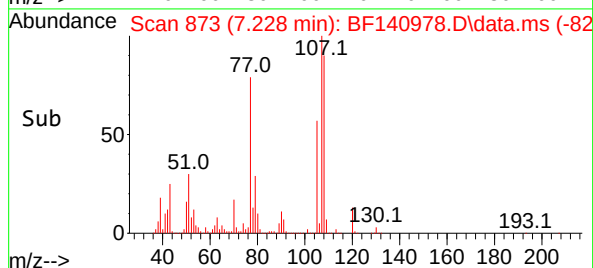
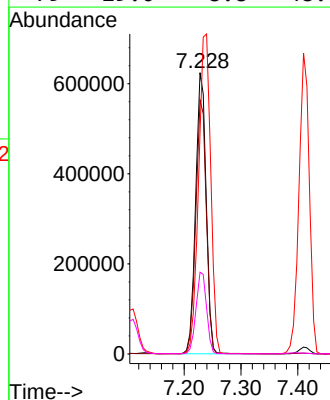
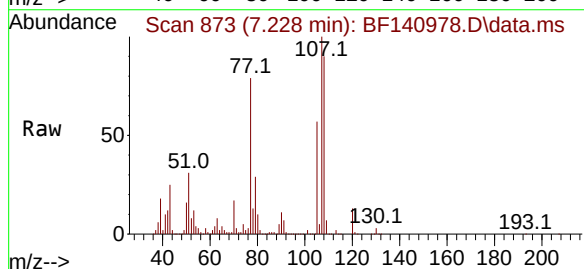
Ion Ratio Lower Upper

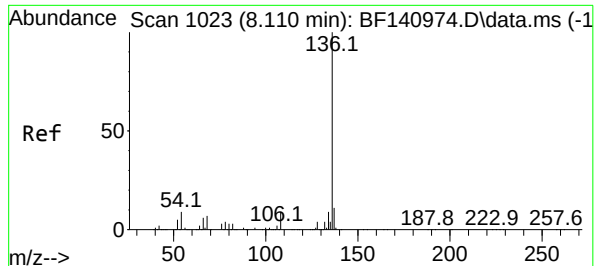
107 100

108 90.2 69.6 109.6

77 78.8 57.6 97.6

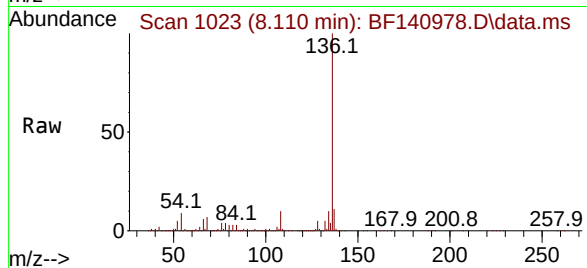
79 29.0 8.8 48.8





#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

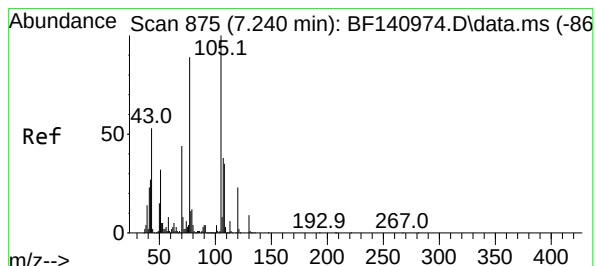
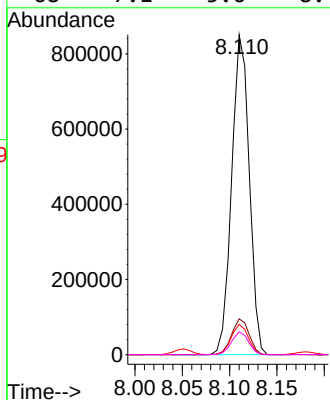
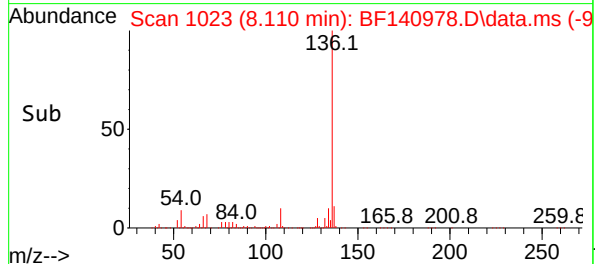
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

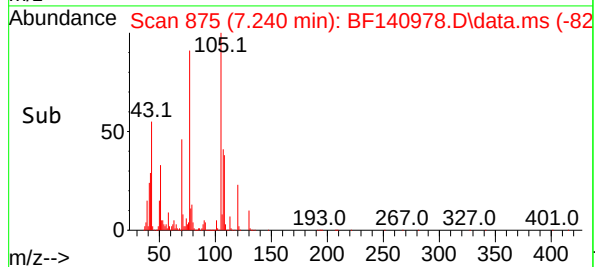
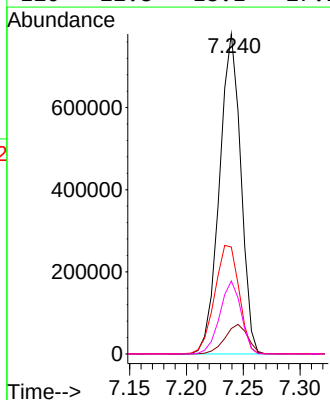
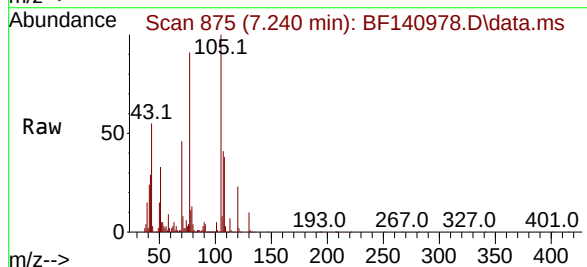
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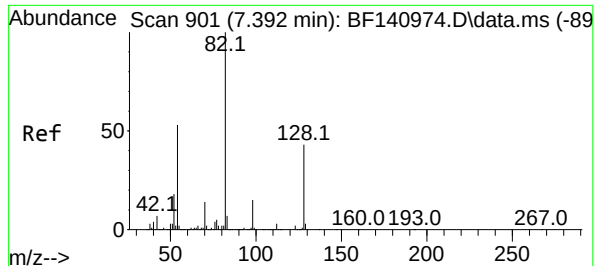
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

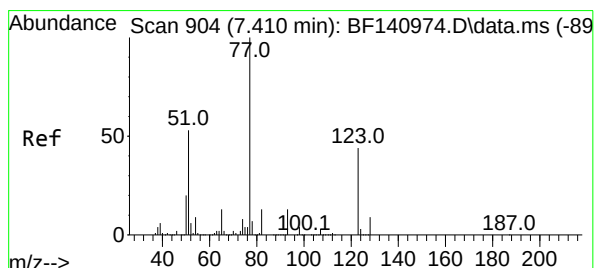
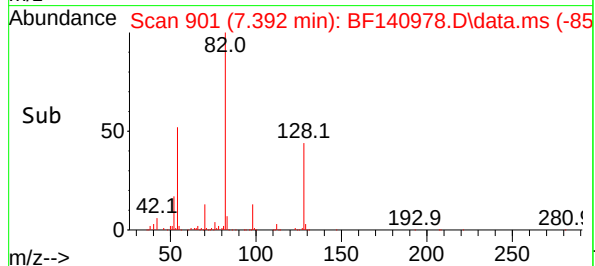
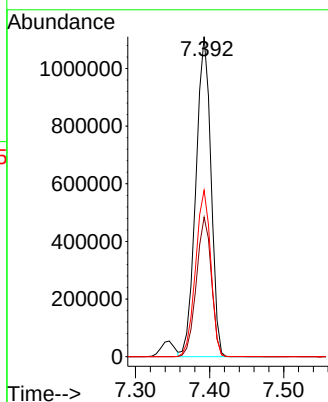
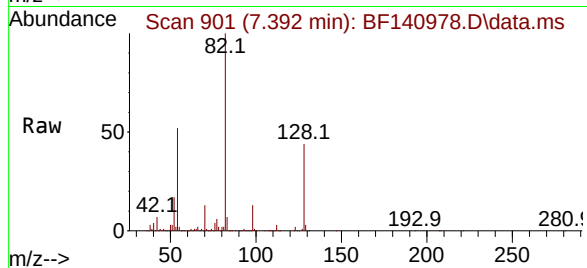
54 52.0 42.4 63.6

Manual Integrations

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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

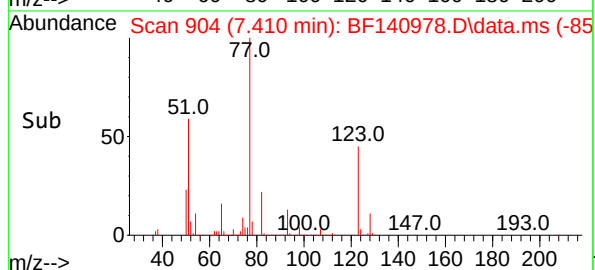
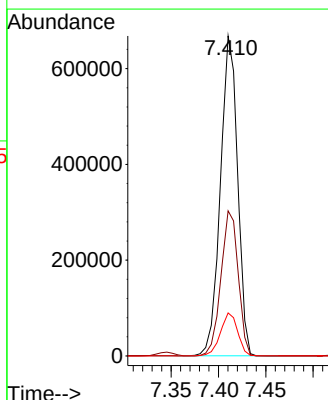
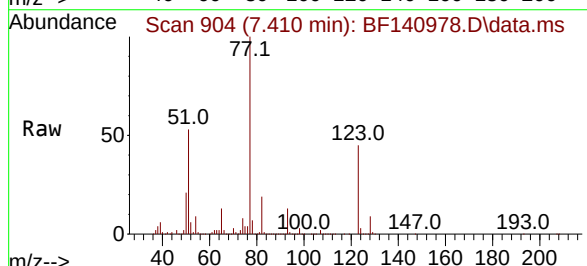
Tgt Ion: 77 Resp: 844017

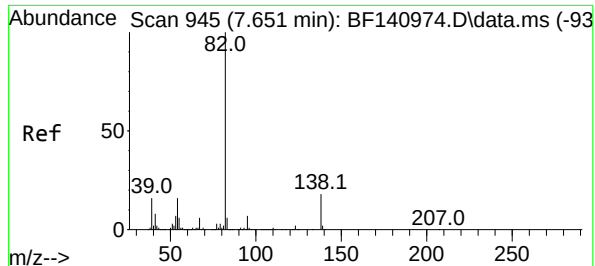
Ion Ratio Lower Upper

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

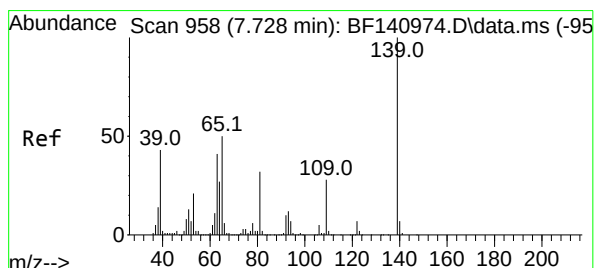
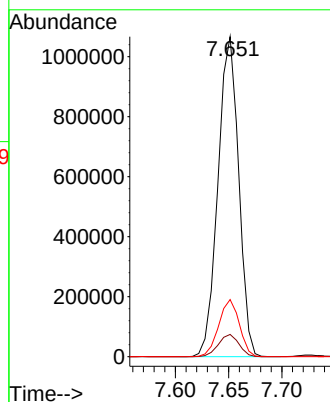
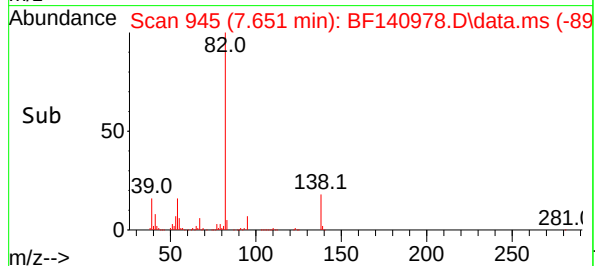
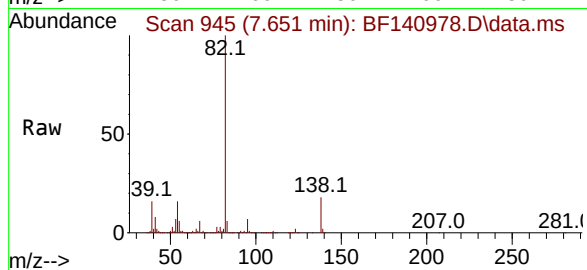
138 17.8 14.6 21.8

Manual Integrations

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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

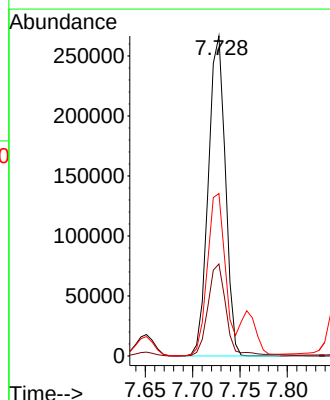
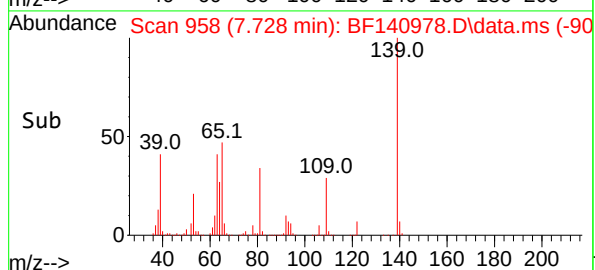
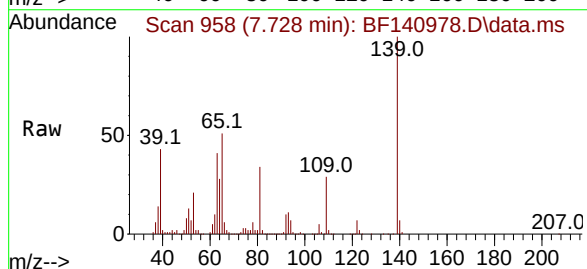
Tgt Ion:139 Resp: 334326

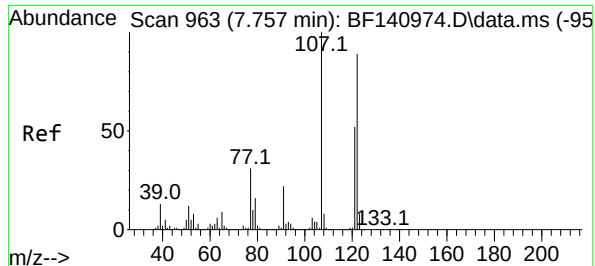
Ion Ratio Lower Upper

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

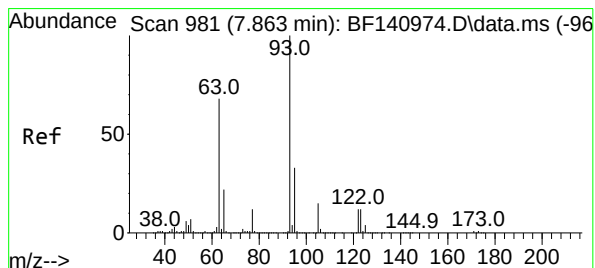
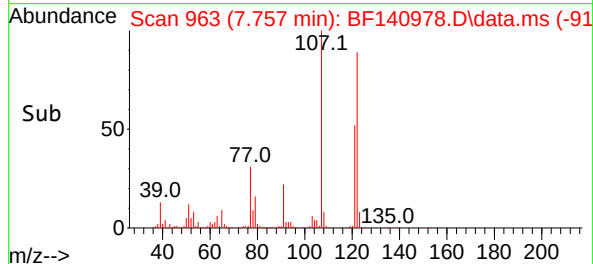
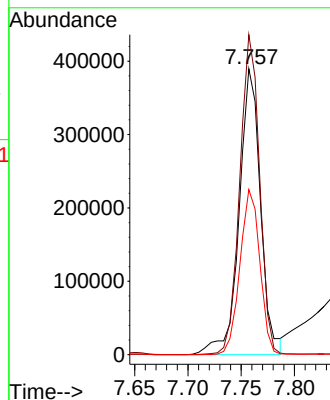
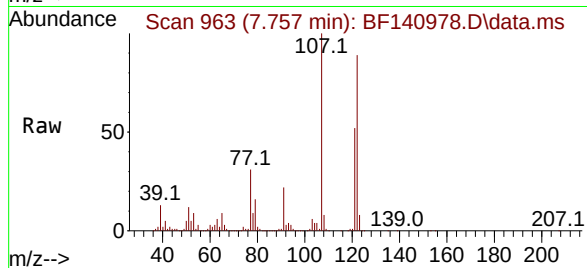
121 57.8 46.7 70.1

Manual Integrations

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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

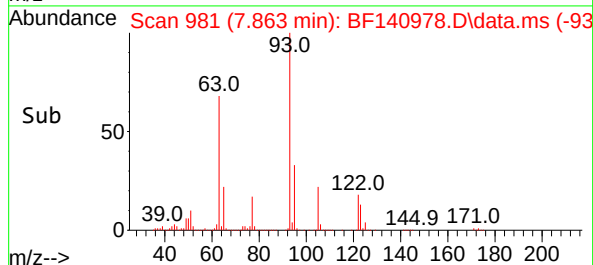
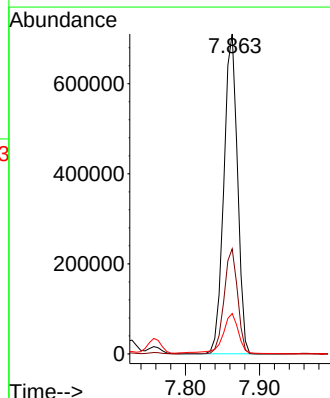
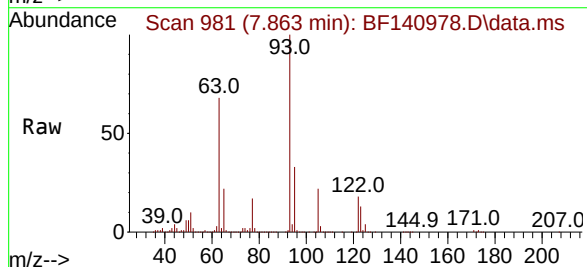
Tgt Ion: 93 Resp: 905816

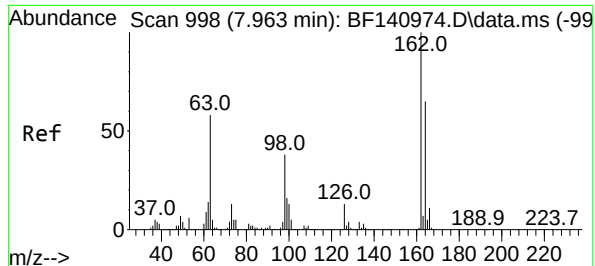
Ion Ratio Lower Upper

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

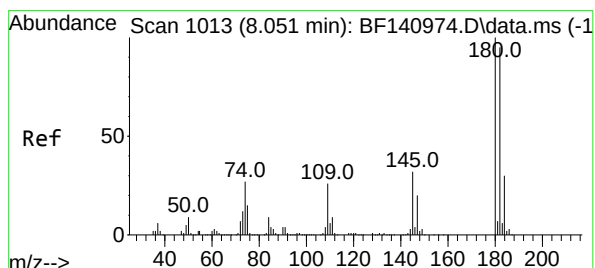
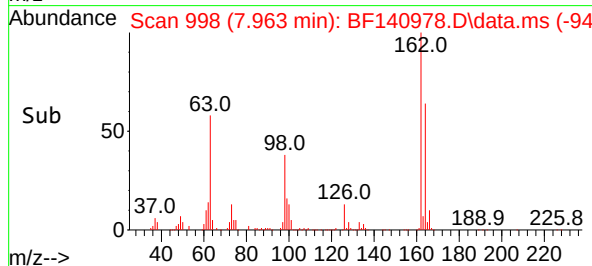
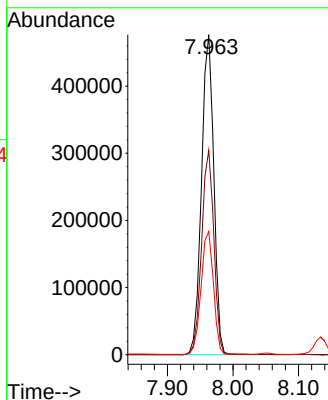
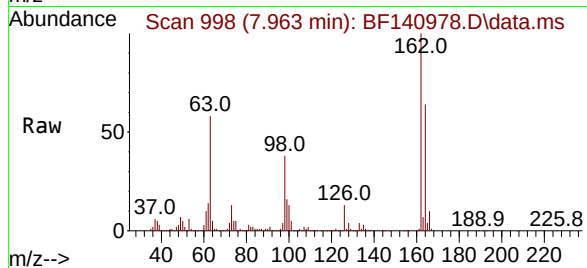
98 38.5 18.6 58.6

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

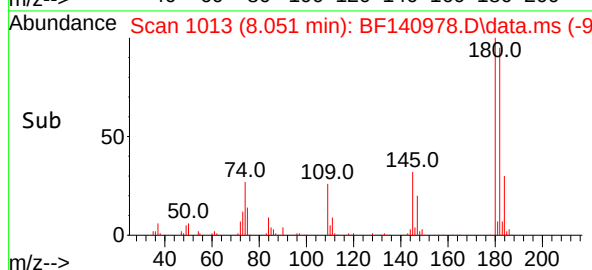
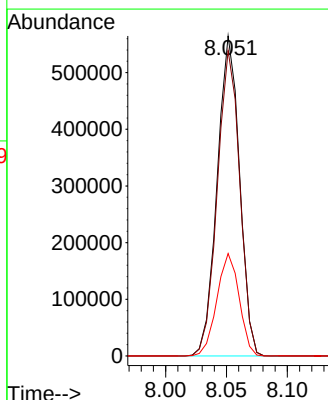
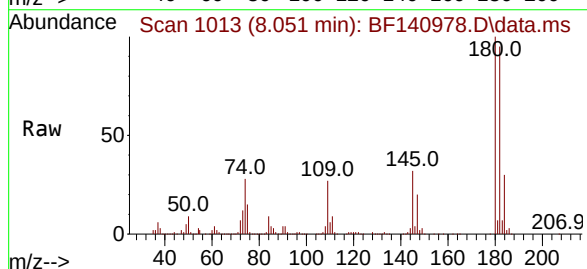
Tgt Ion:180 Resp: 721146

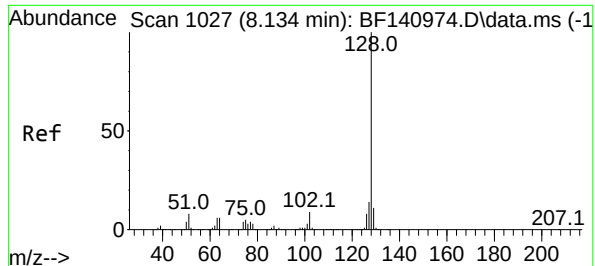
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

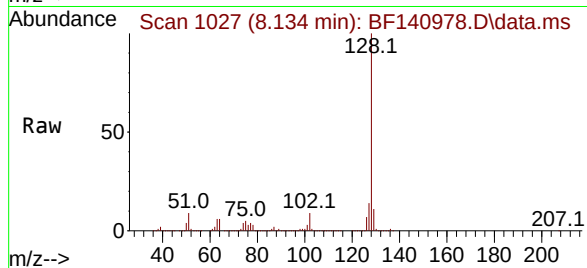
145 32.0 25.4 38.2





#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

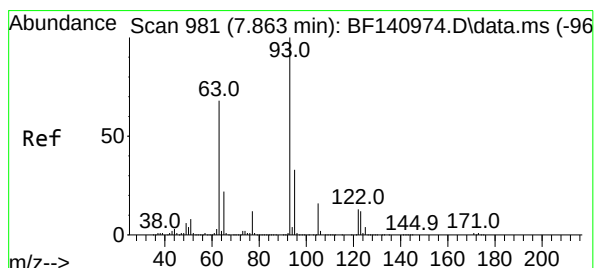
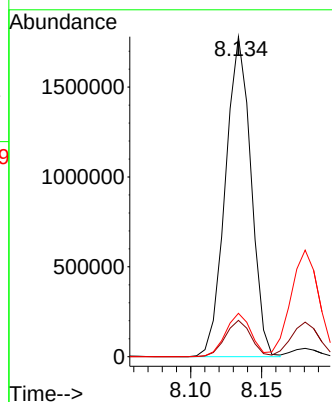
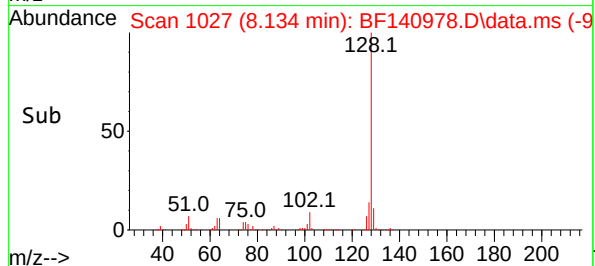
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

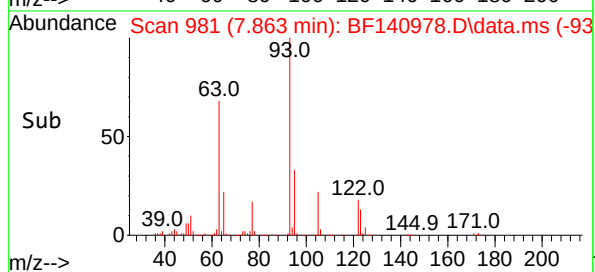
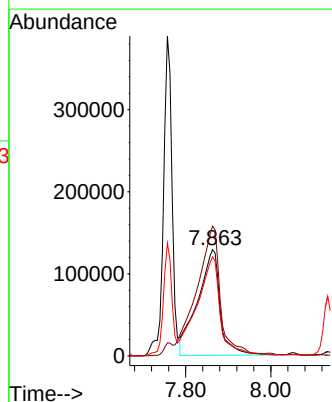
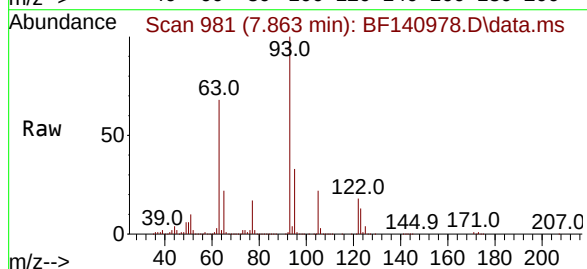
Manual Integrations
APPROVED

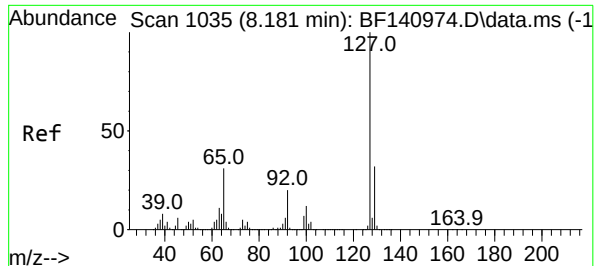
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

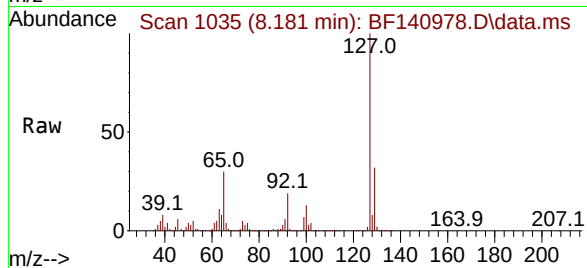
Tgt Ion:122 Resp: 473862
Ion Ratio Lower Upper
122 100
105 122.1 105.4 145.4
77 93.2 76.4 116.4





#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

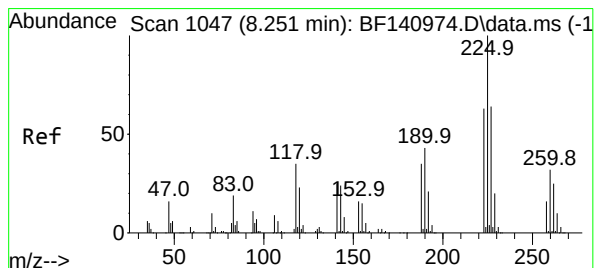
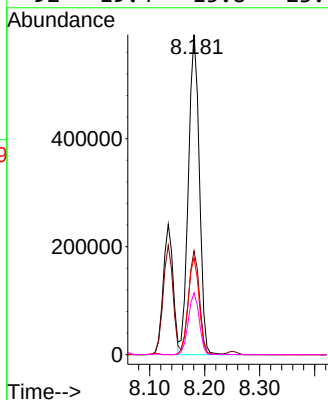
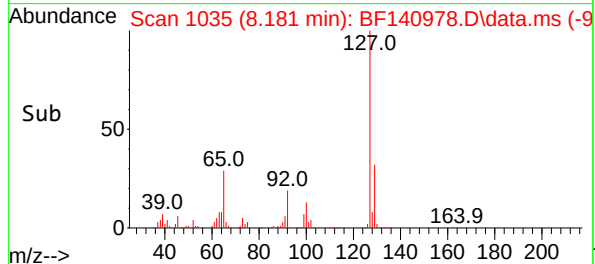
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

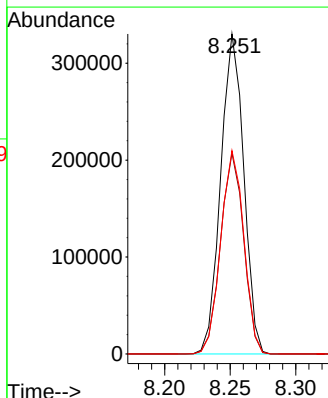
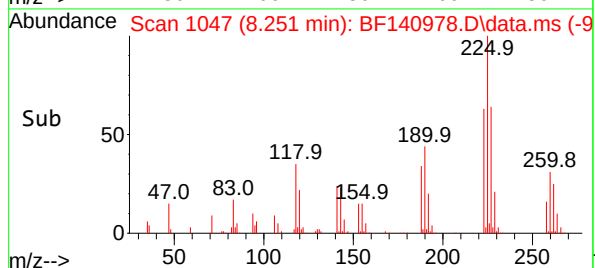
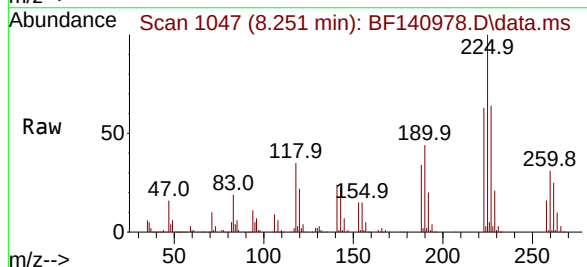
Manual Integrations
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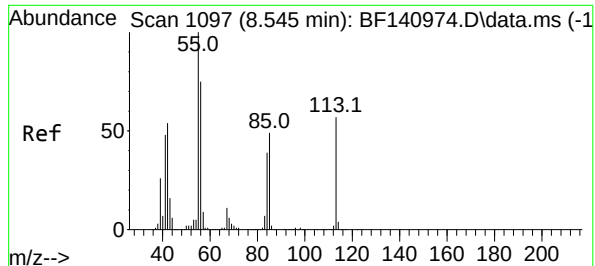
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

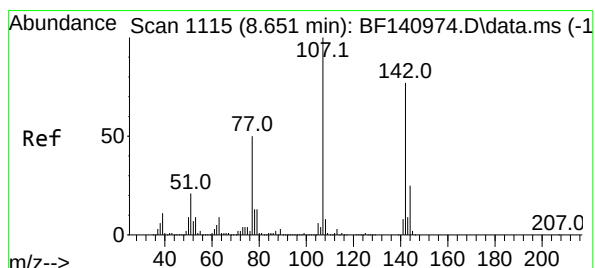
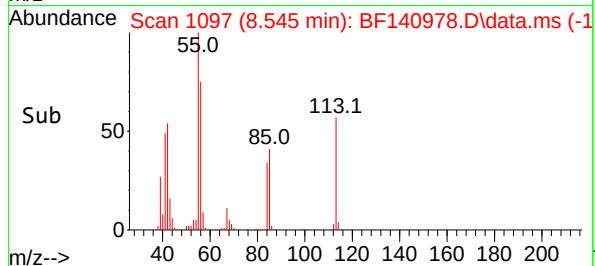
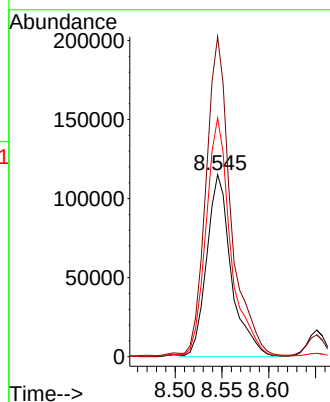
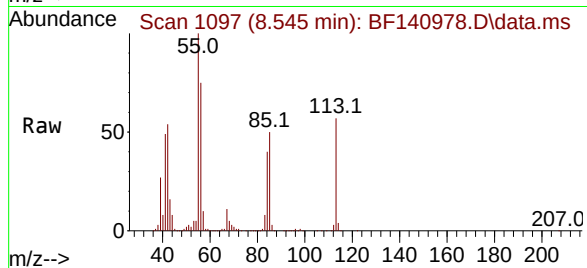
56 131.1 111.7 151.7

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

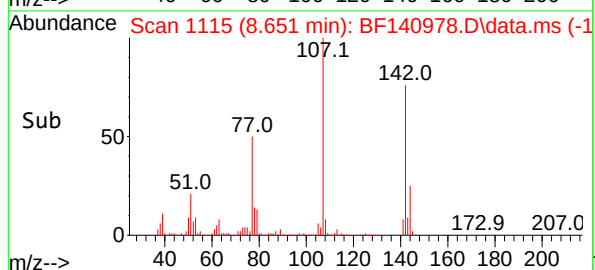
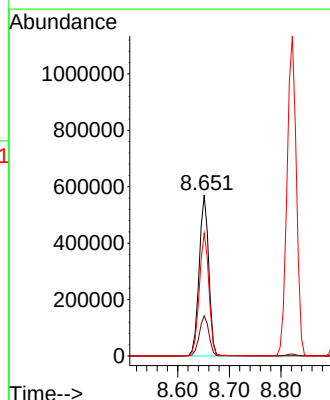
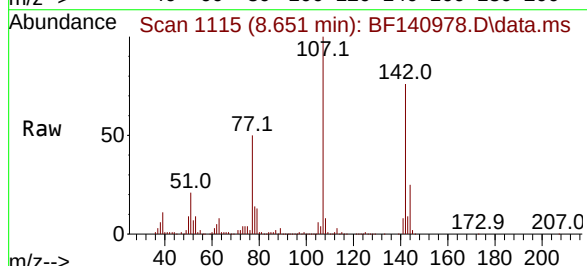
Tgt Ion:107 Resp: 733502

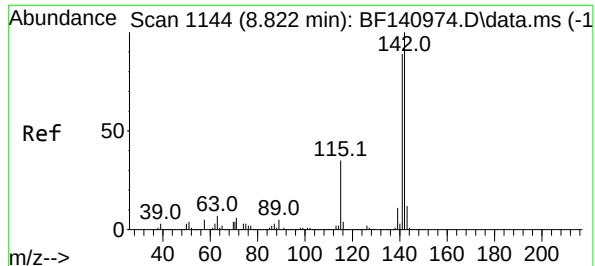
Ion Ratio Lower Upper

107 100

144 25.0 19.9 29.9

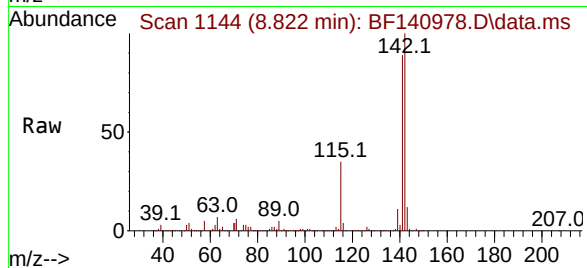
142 76.4 61.8 92.8





#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

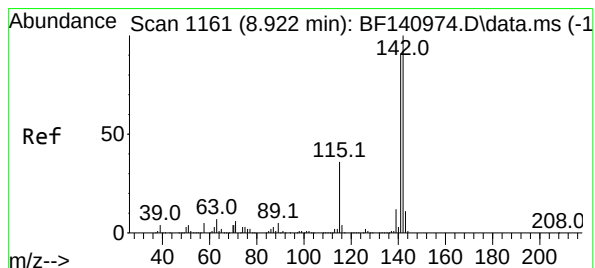
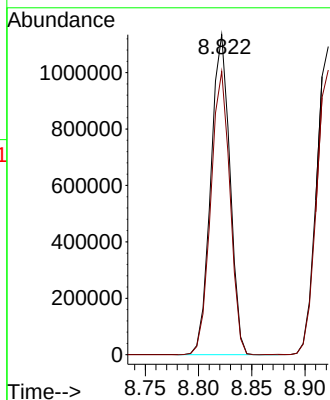
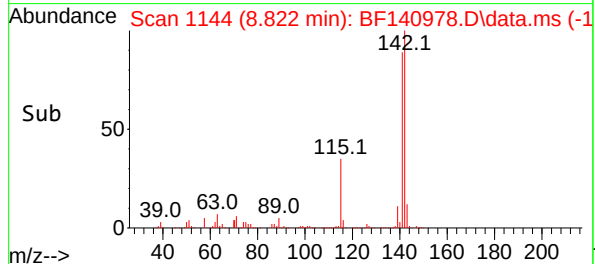
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:142 Resp: 1417570
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7

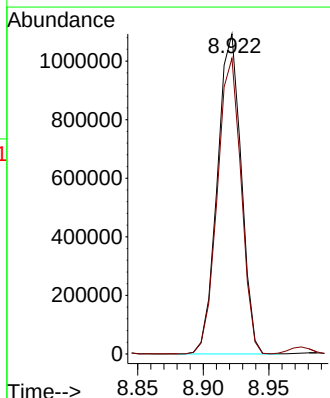
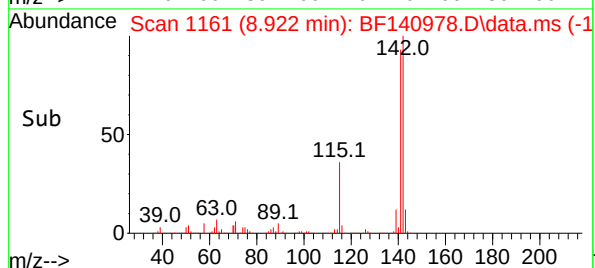
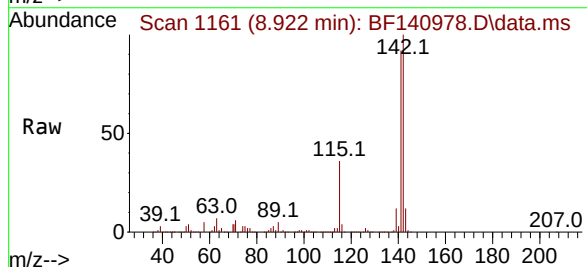
Manual Integrations
APPROVED

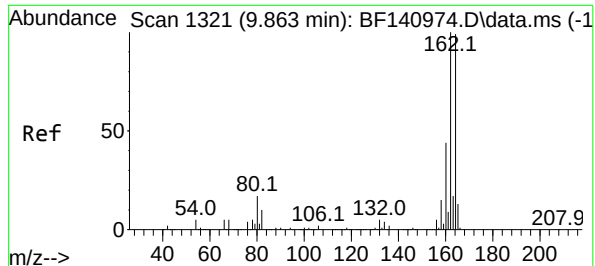
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

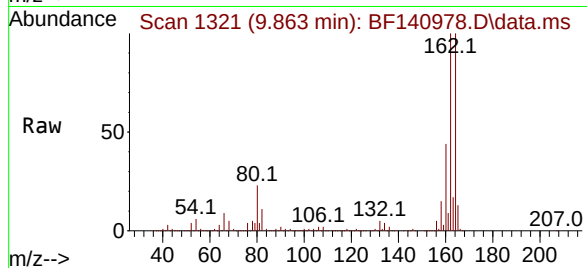
Tgt Ion:142 Resp: 1379859
Ion Ratio Lower Upper
142 100
141 92.4 72.7 109.1





#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

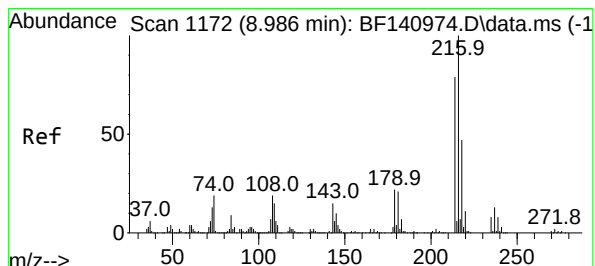
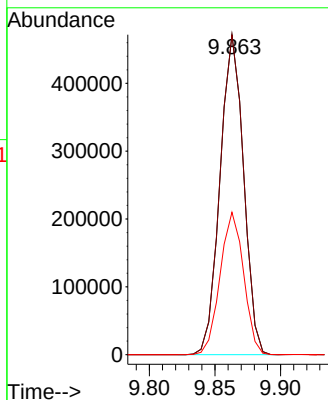
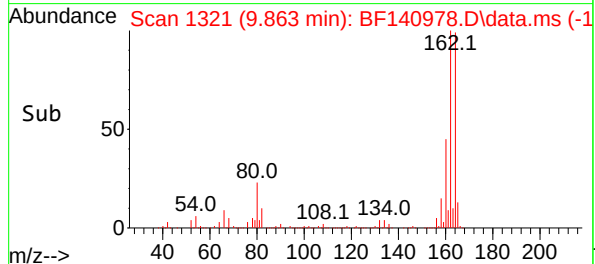
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

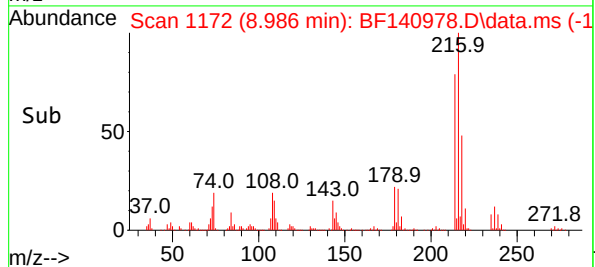
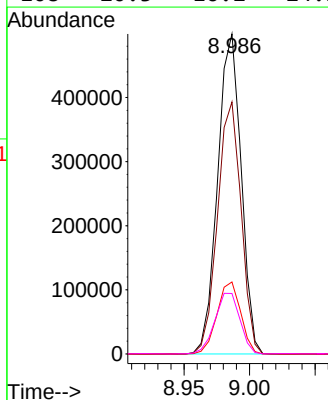
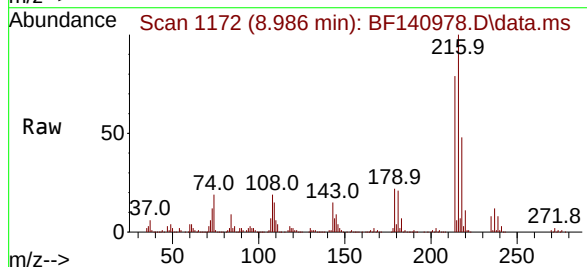
Manual Integrations
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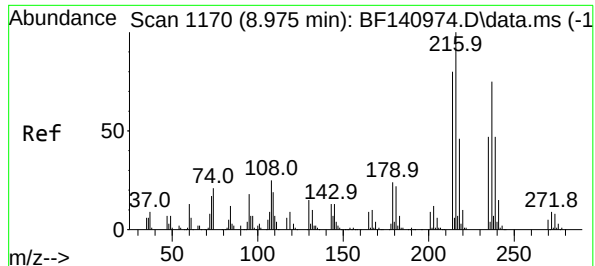
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

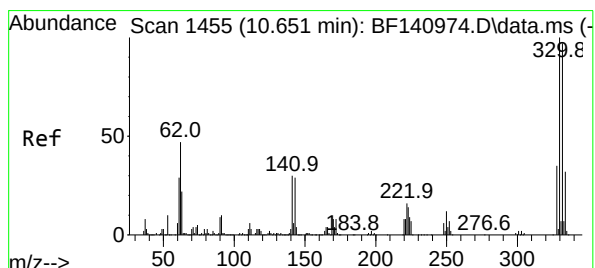
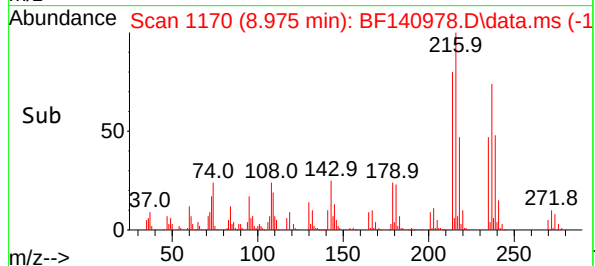
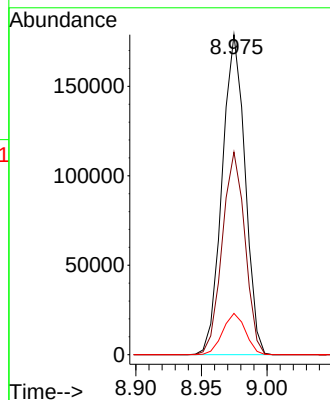
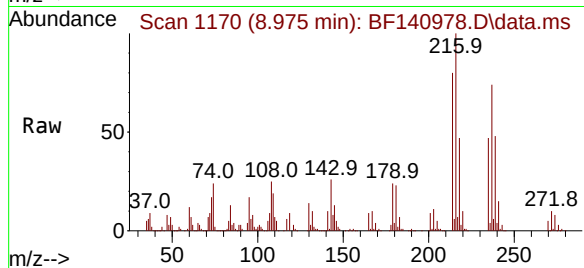
272 12.9 0.0 32.6

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

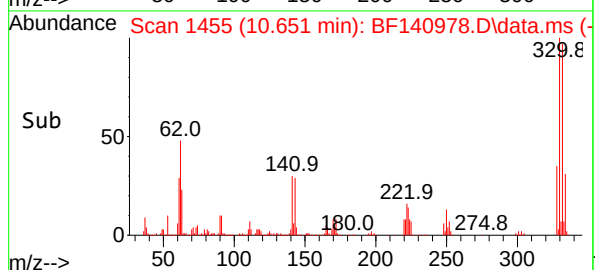
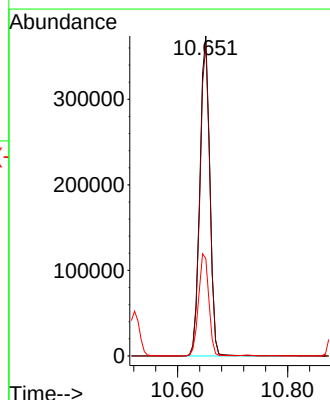
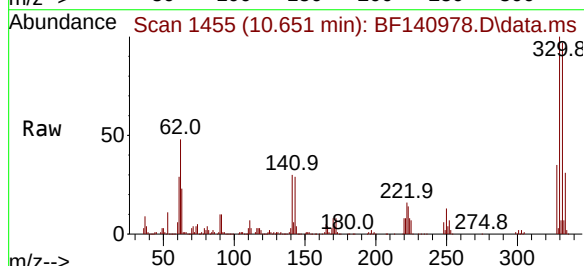
Tgt Ion:330 Resp: 471519

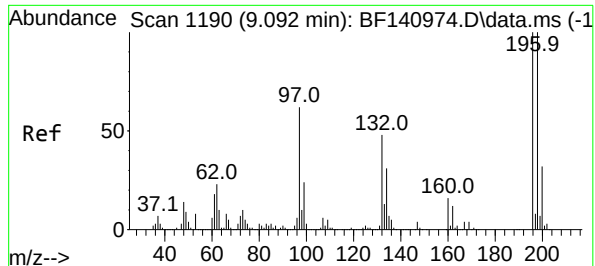
Ion Ratio Lower Upper

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

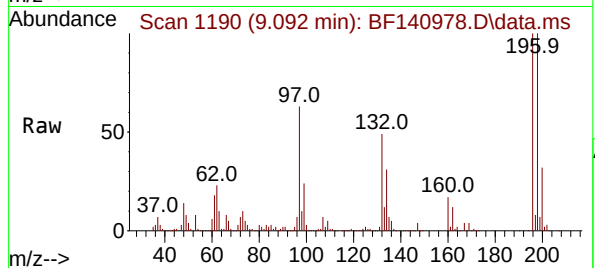
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



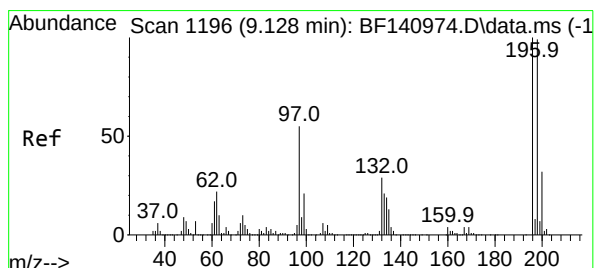
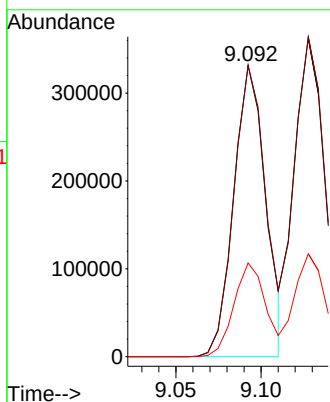
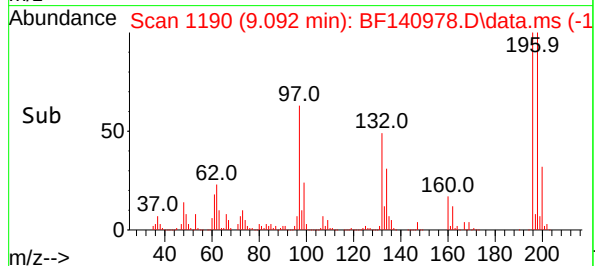
Tgt Ion:196	Resp:	43160
Ion	Ratio	Lower Upper
196	100	
198	100.2	80.2 120.4
200	32.2	25.8 38.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#44

2,4,5-Trichlorophenol

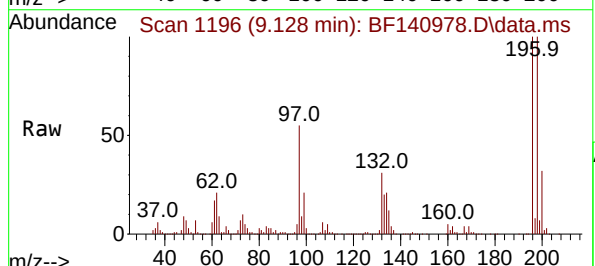
Concen: 40.663 ng

RT: 9.128 min Scan# 1196

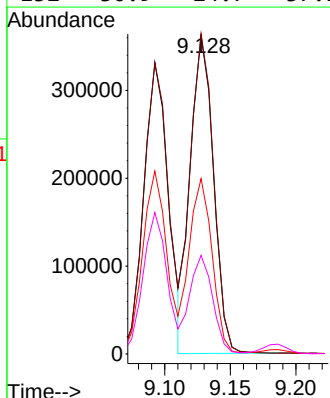
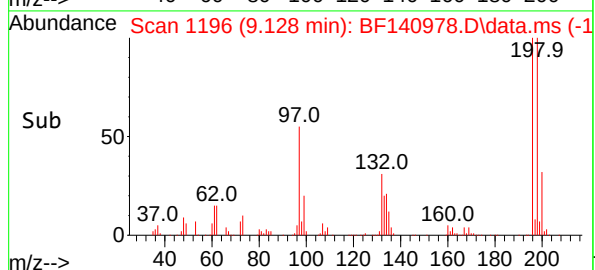
Delta R.T. 0.000 min

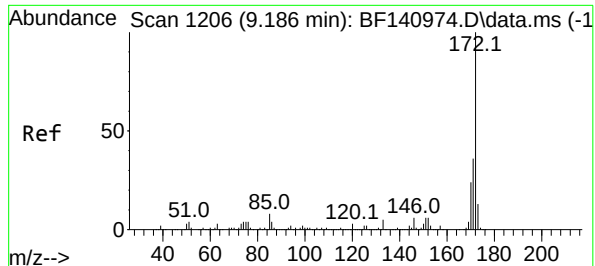
Lab File: BF140978.D

Acq: 26 Dec 2024 19:52



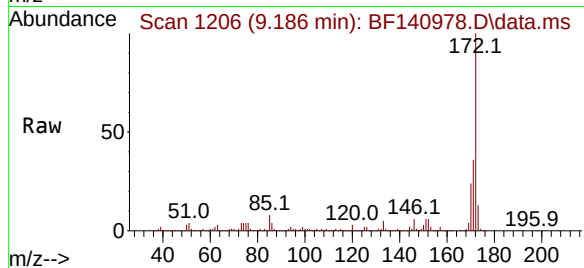
Tgt Ion:196	Resp:	446928
Ion	Ratio	Lower Upper
196	100	
198	100.5	79.9 119.9
97	55.1	44.3 66.5
132	30.9	24.7 37.1





#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

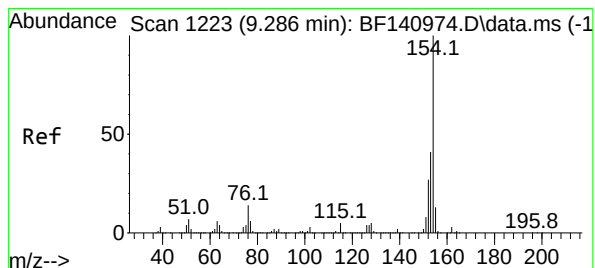
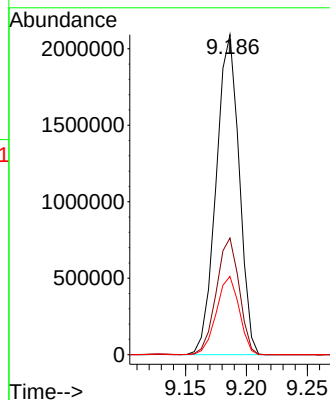
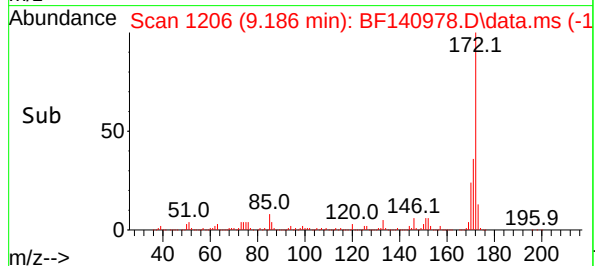
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

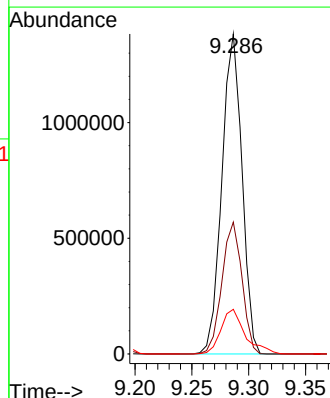
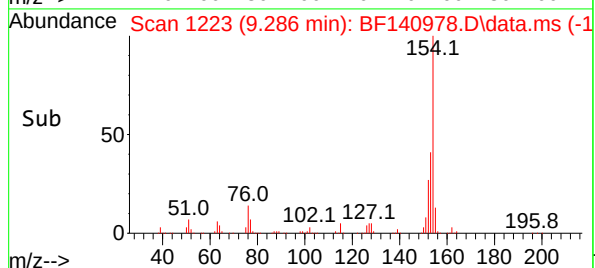
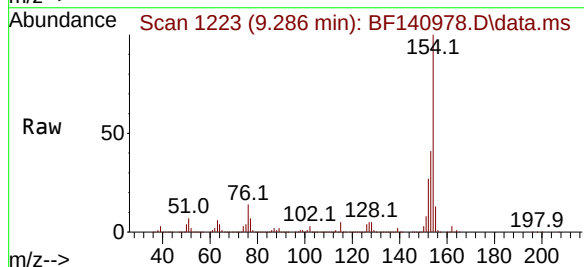
Manual Integrations
APPROVED

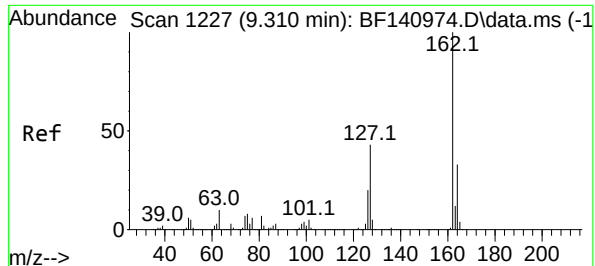
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

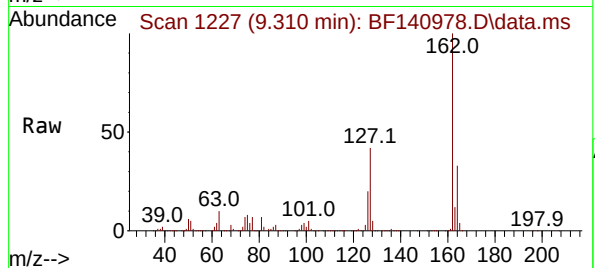
Tgt Ion:154 Resp: 1703208
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 14.0 0.0 34.0





#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

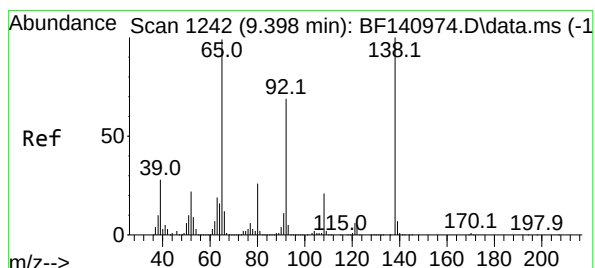
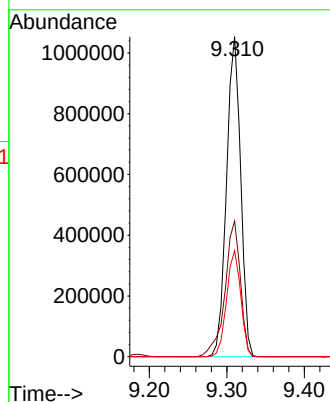
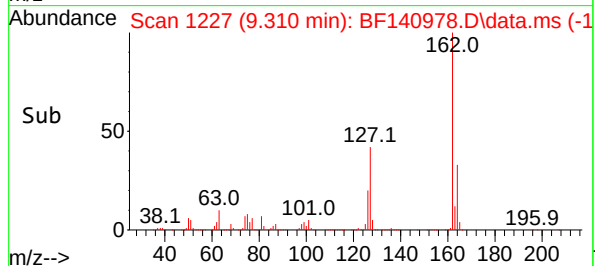
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

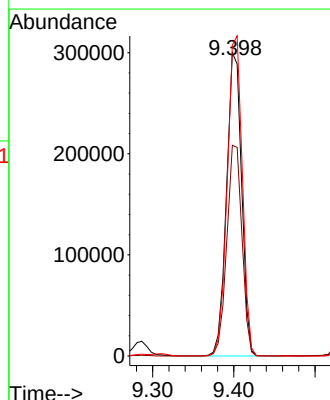
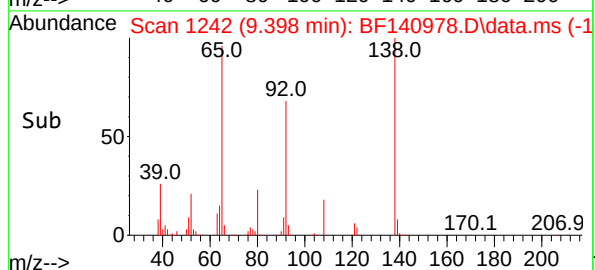
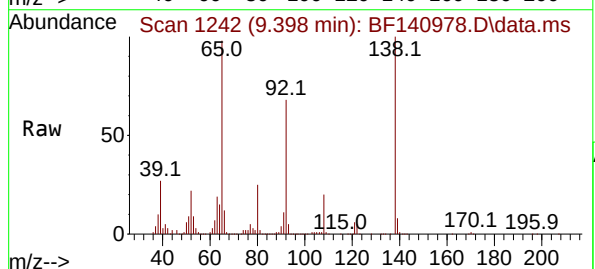
Manual Integrations
APPROVED

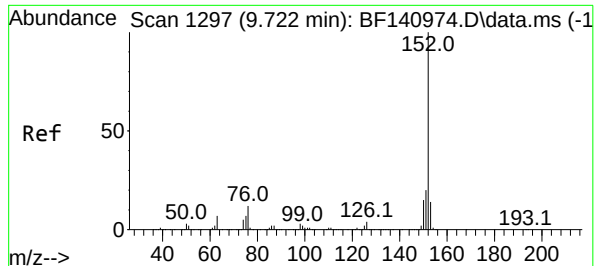
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

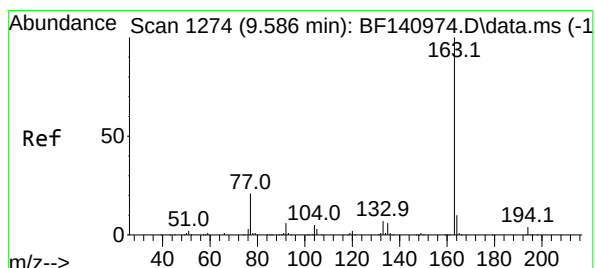
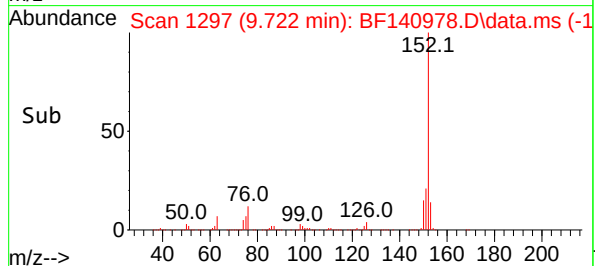
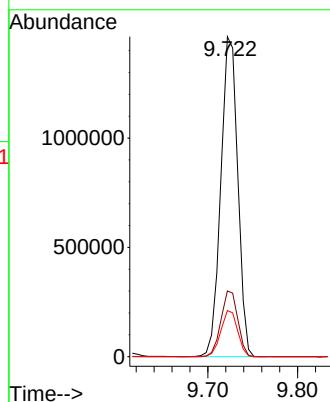
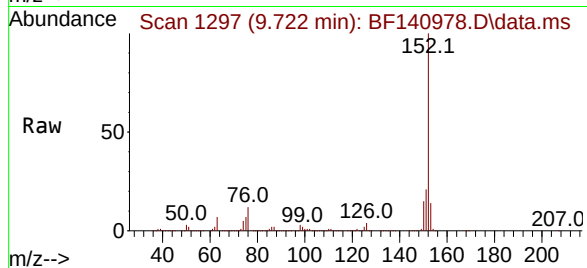
153 14.4 11.4 17.0

Manual Integrations

APPROVED

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

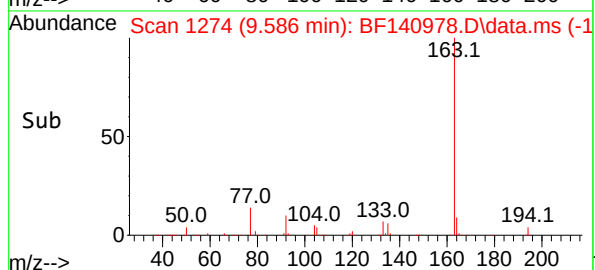
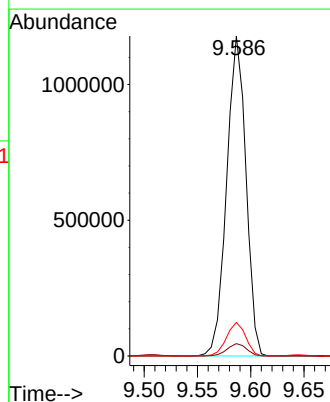
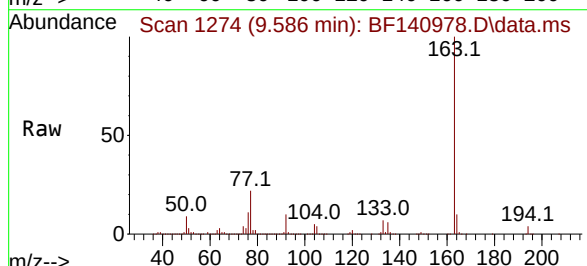
Tgt Ion:163 Resp: 1482676

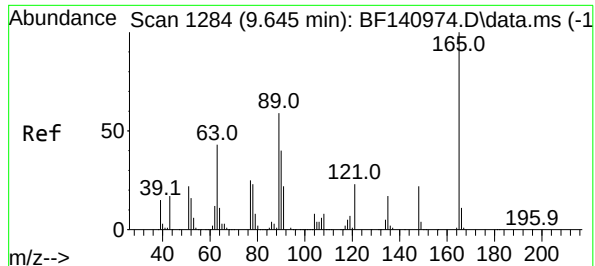
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

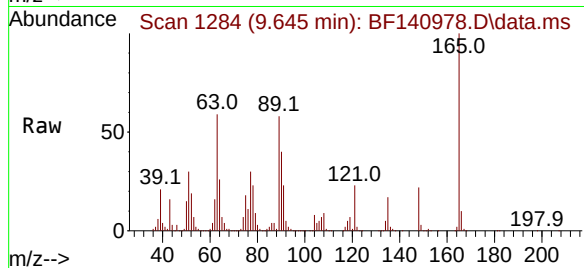
164 10.4 8.3 12.5





#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

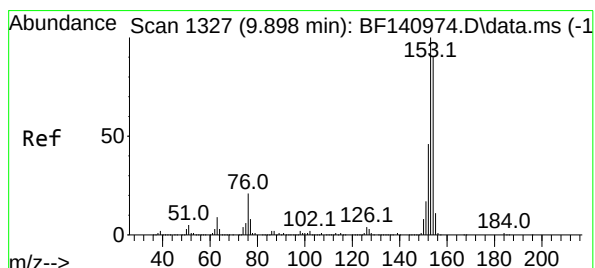
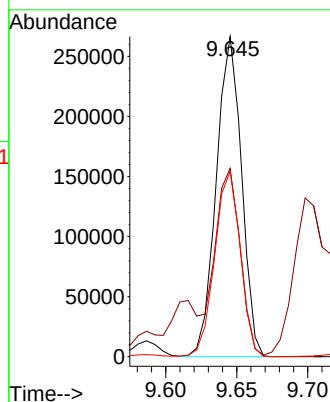
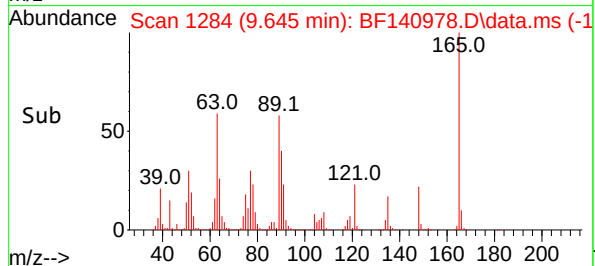
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

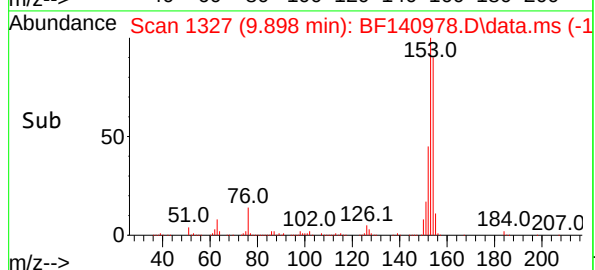
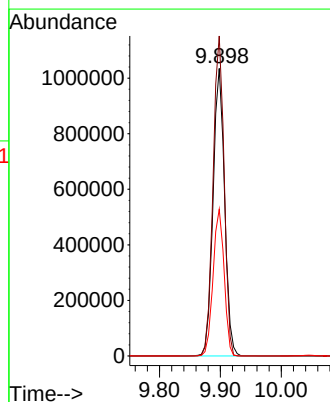
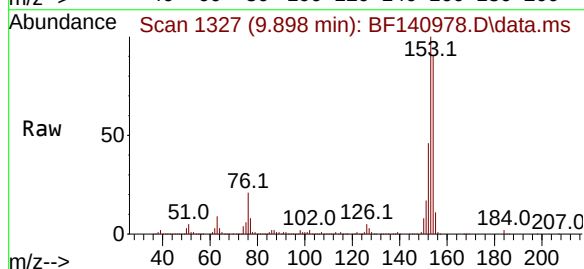
Manual Integrations
APPROVED

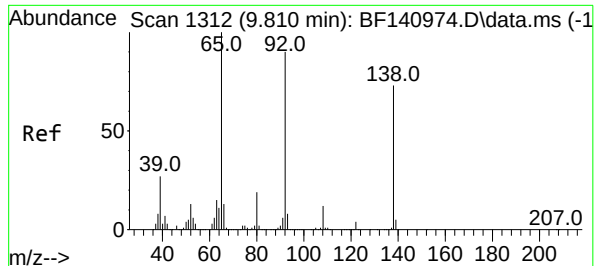
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





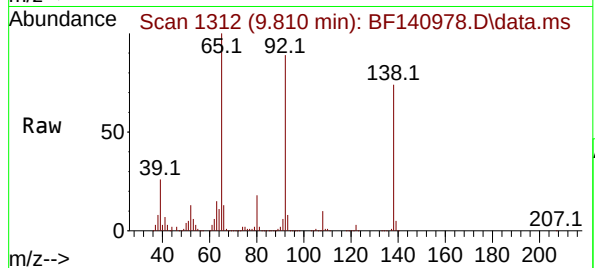
#53
3-Nitroaniline
Concen: 42.522 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

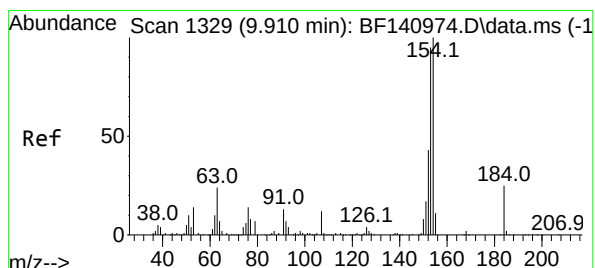
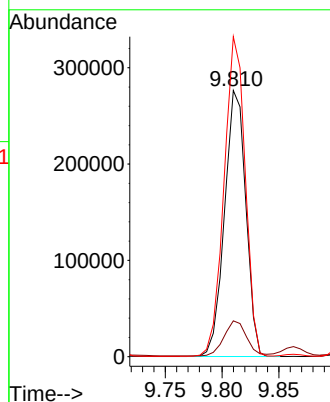
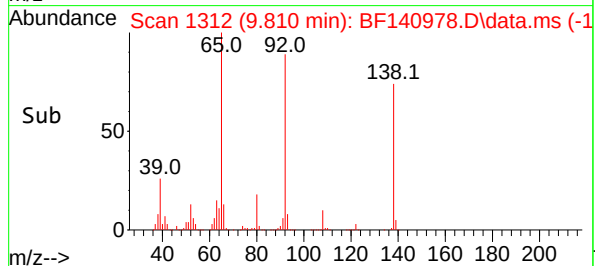


Tgt Ion:138 Resp: 36049
Ion Ratio Lower Upper
138 100
108 13.4 13.5 20.3
92 120.2 97.7 146.5

Manual Integrations

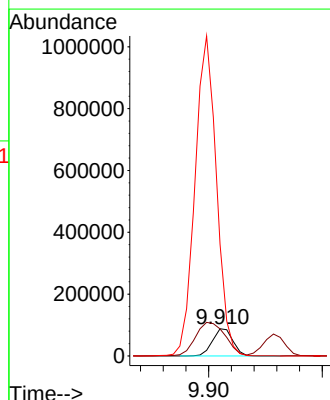
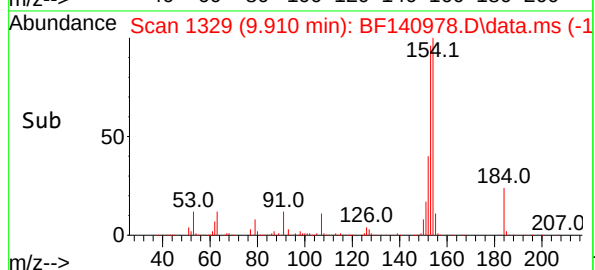
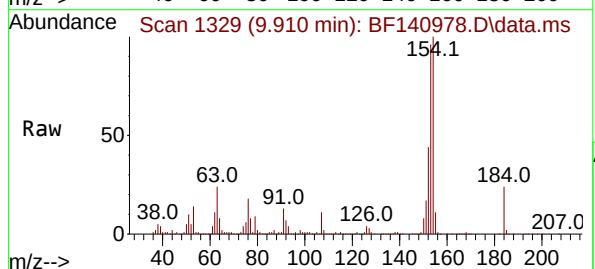
APPROVED

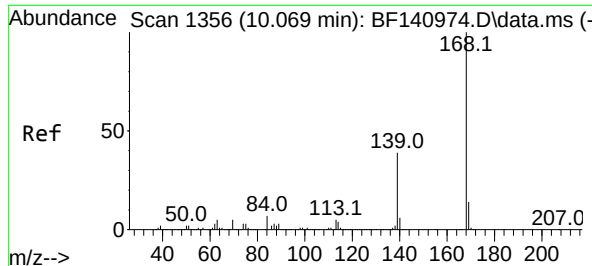
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

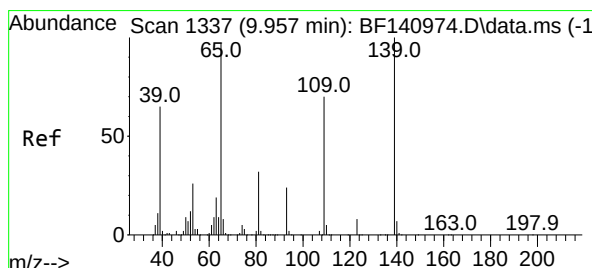
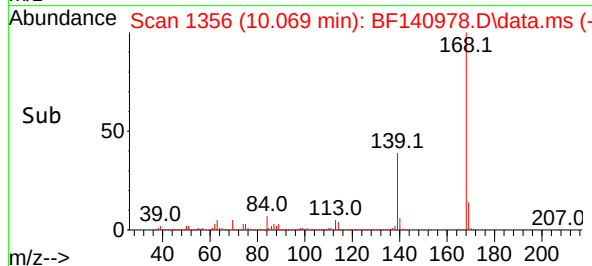
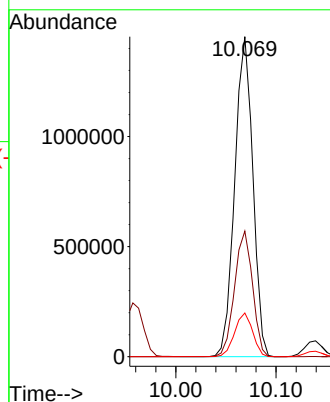
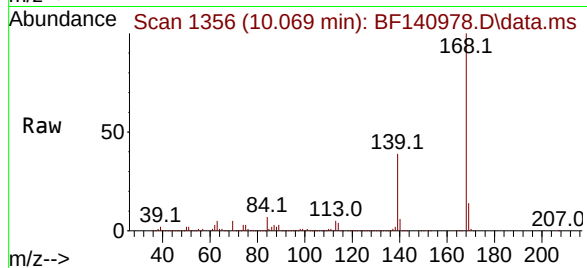
169 13.6 11.0 16.6

Manual Integrations

APPROVED

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

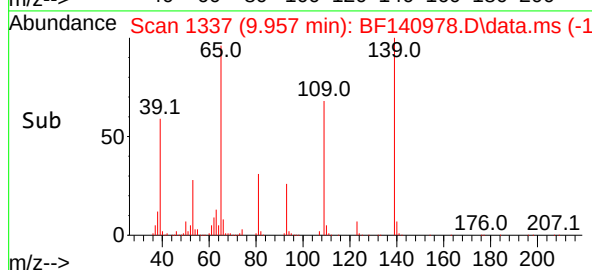
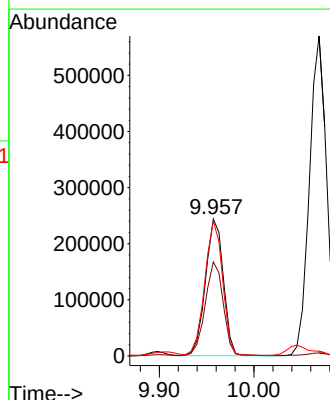
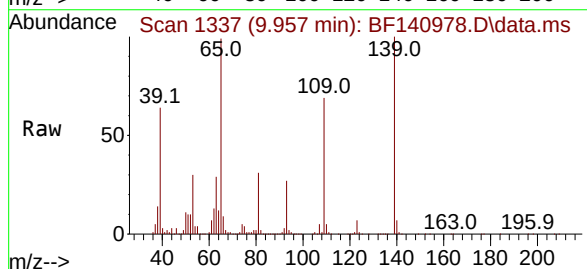
Tgt Ion:139 Resp: 320756

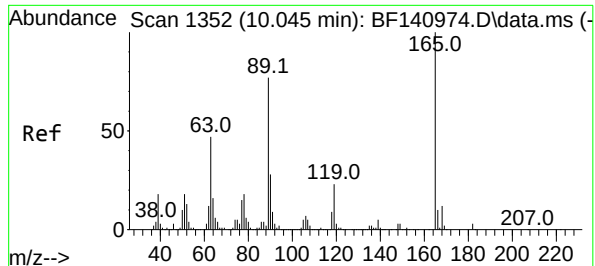
Ion Ratio Lower Upper

139 100

109 68.6 50.8 90.8

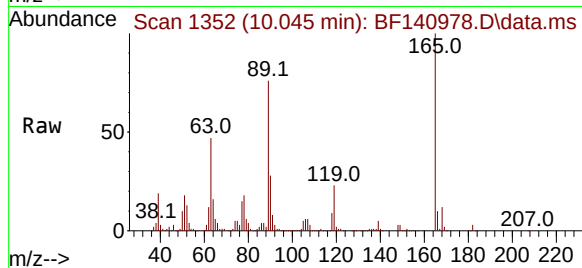
65 98.5 78.5 118.5





#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

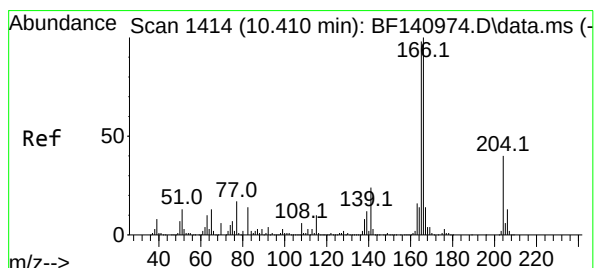
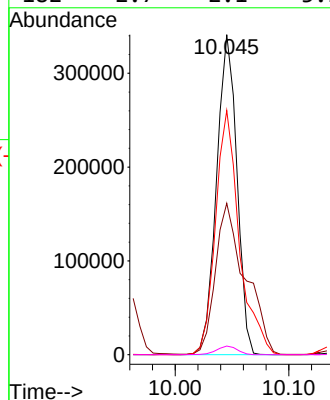
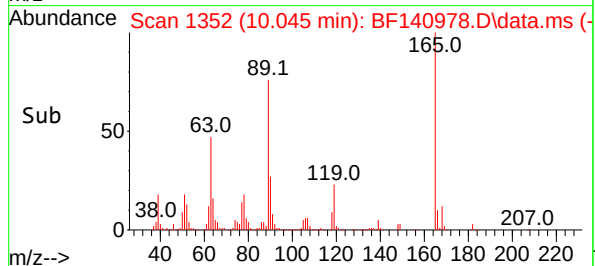
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:165 Resp: 425111
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

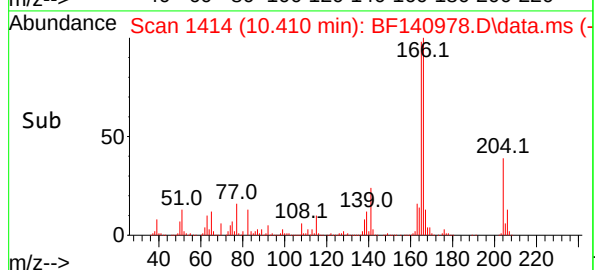
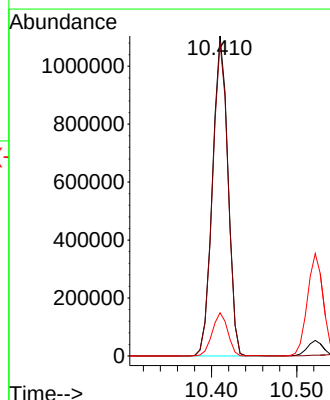
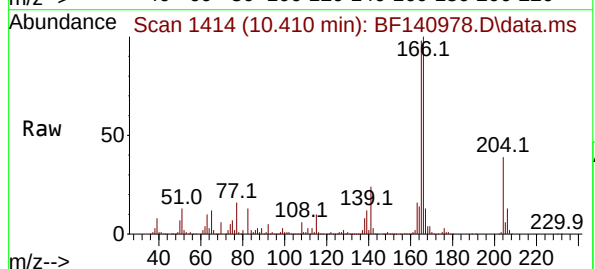
Manual Integrations
APPROVED

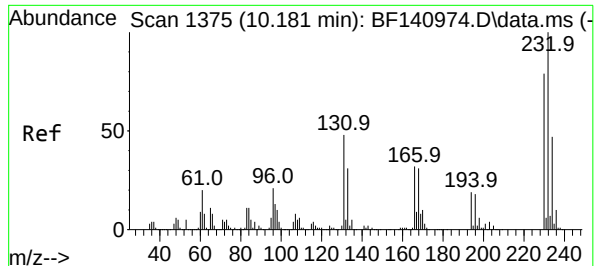
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

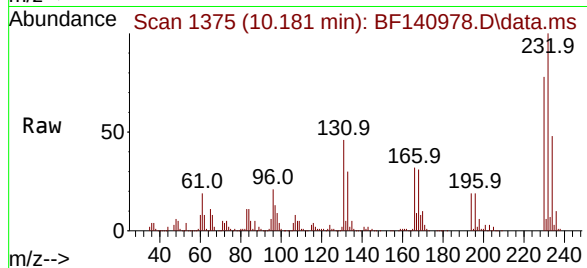
Tgt Ion:166 Resp: 1391829
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.5 10.9 16.3





#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

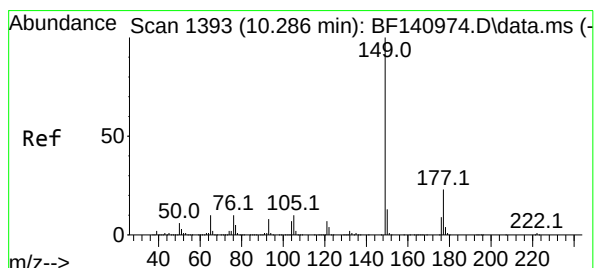
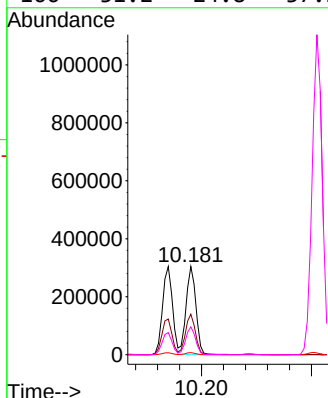
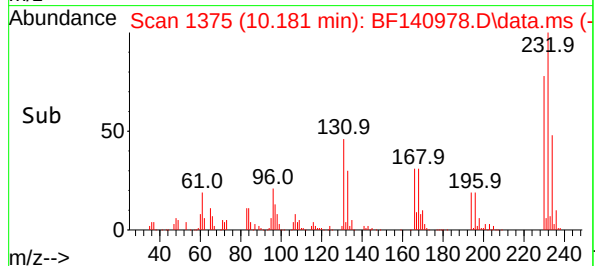
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



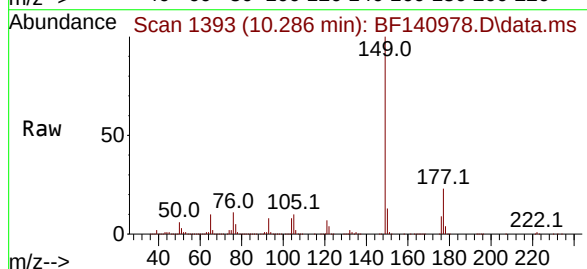
Tgt Ion:232 Resp: 379409
Ion Ratio Lower Upper
232 100
131 45.6 37.4 56.2
130 2.3 1.8 2.8
166 31.2 24.8 37.2

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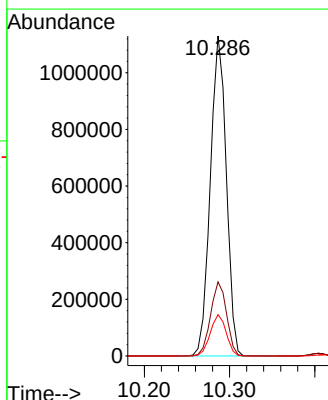
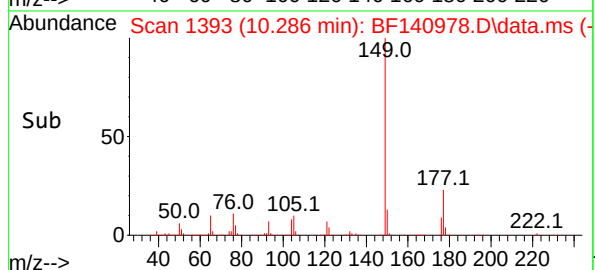
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

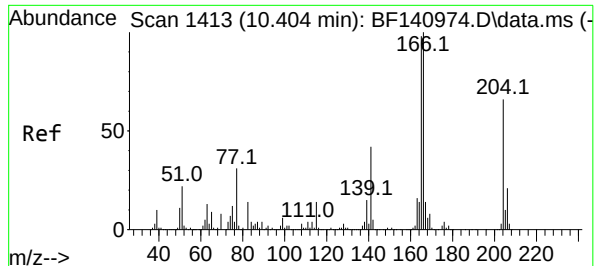


#60
Diethylphthalate
Concen: 38.629 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



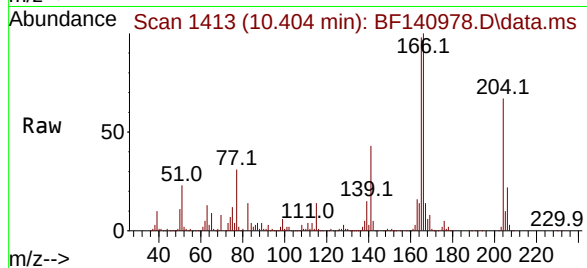
Tgt Ion:149 Resp: 1471636
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.9 10.4 15.6





#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

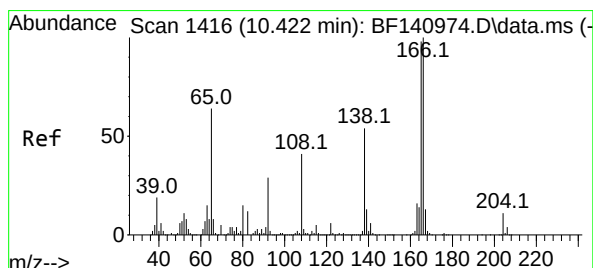
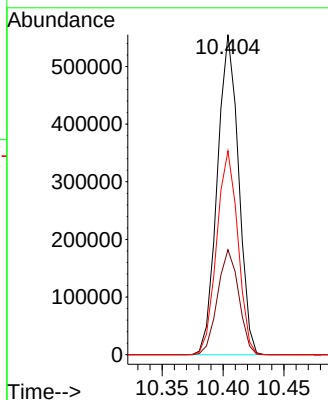
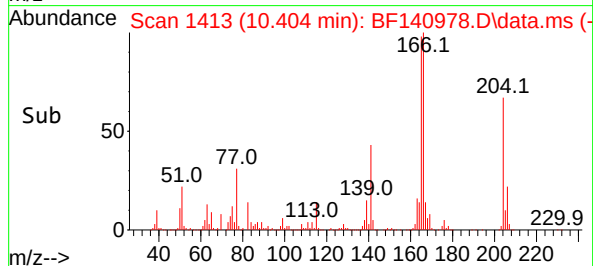
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



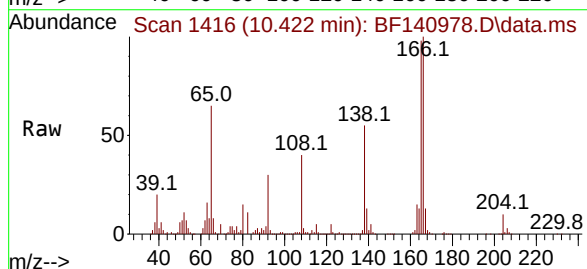
Tgt Ion:204 Resp: 67432
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 63.7 51.2 76.8

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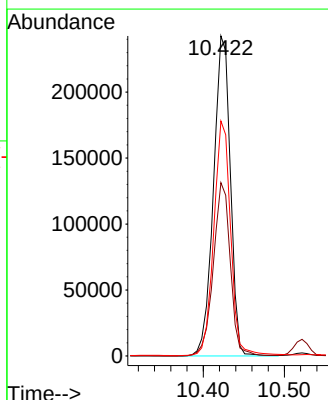
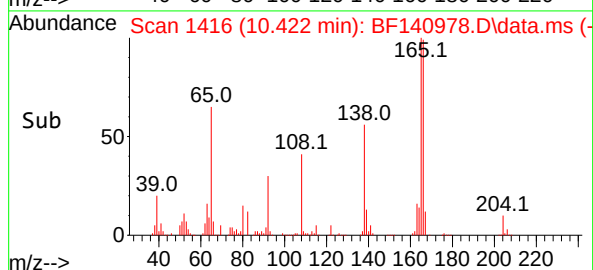
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

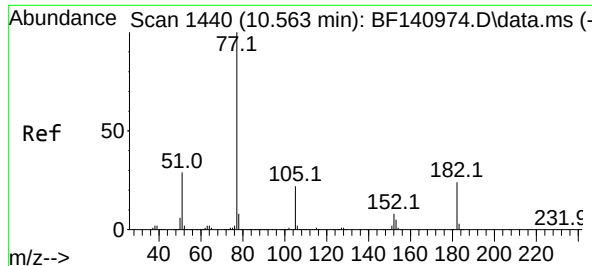


#62
4-Nitroaniline
Concen: 41.571 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



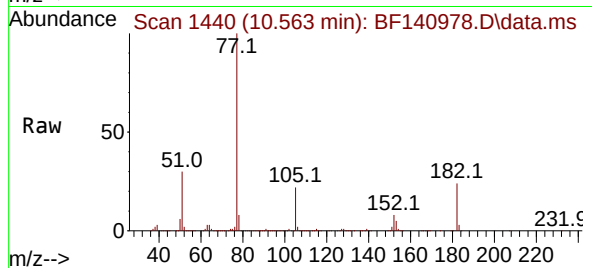
Tgt Ion:138 Resp: 351313
Ion Ratio Lower Upper
138 100
92 54.1 34.8 74.8
108 73.4 55.9 95.9





#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

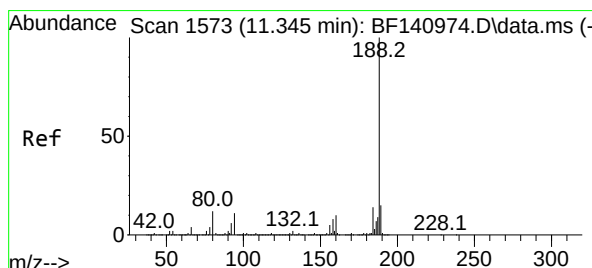
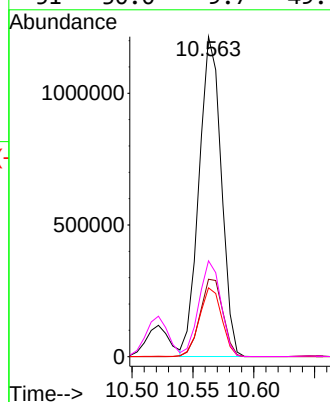
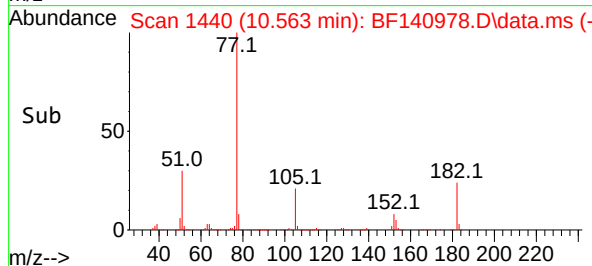
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

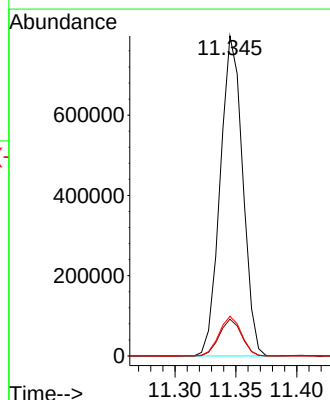
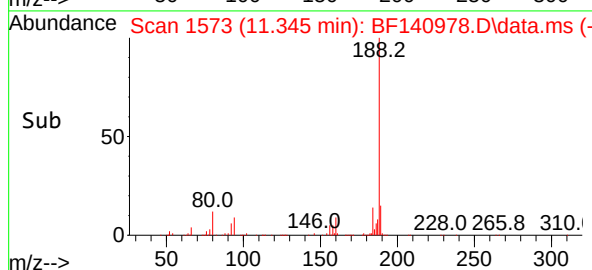
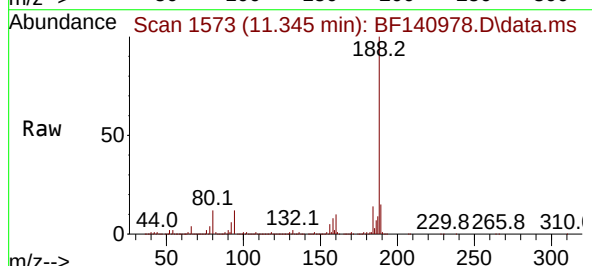
Manual Integrations
APPROVED

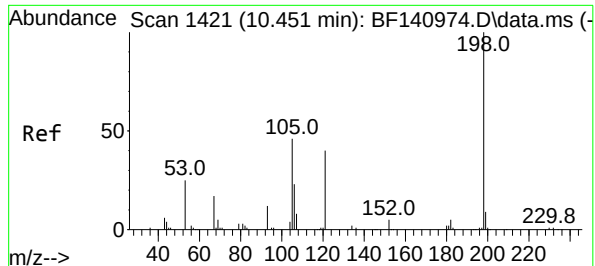
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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





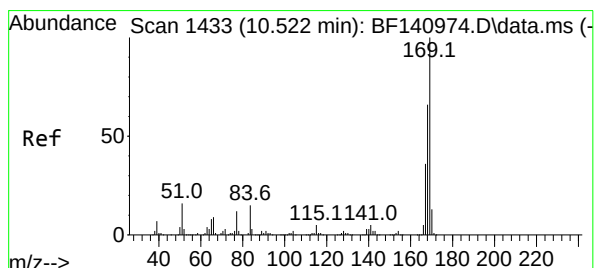
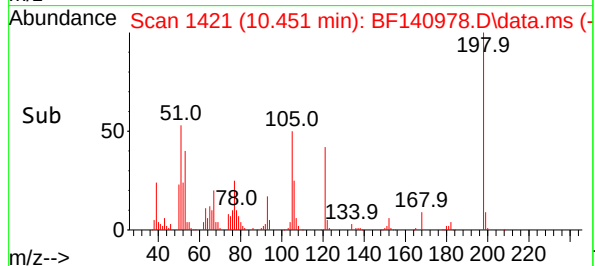
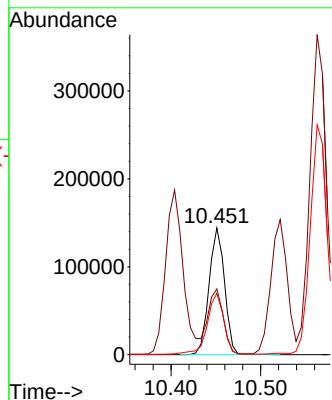
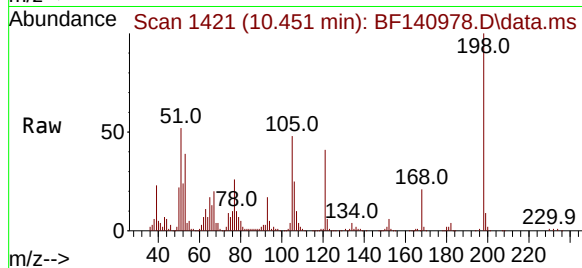
#65
4,6-Dinitro-2-methylphenol
Concen: 43.296 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :
BNA_F
ClientSampleId :
ICVBF122624

Tgt Ion:198 Resp: 172451
Ion Ratio Lower Upper
198 100
51 51.9 32.3 72.3
105 48.3 28.4 68.4

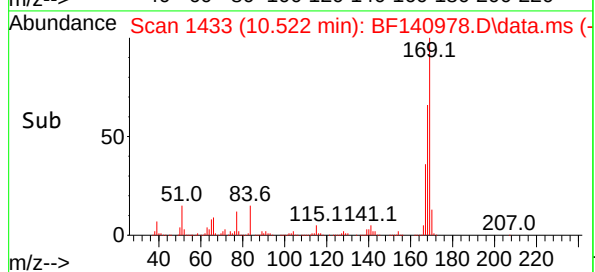
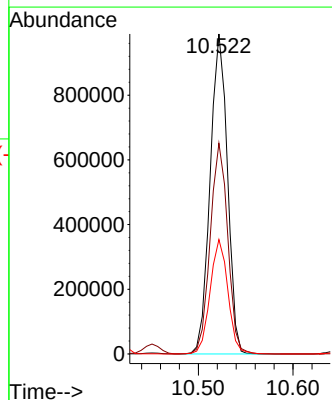
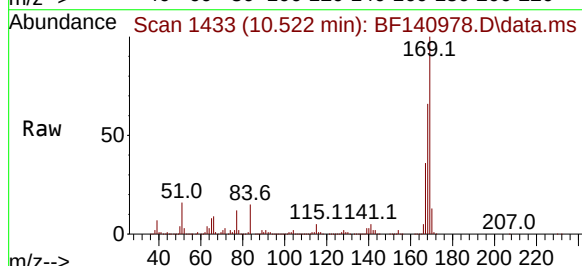
Manual Integrations
APPROVED

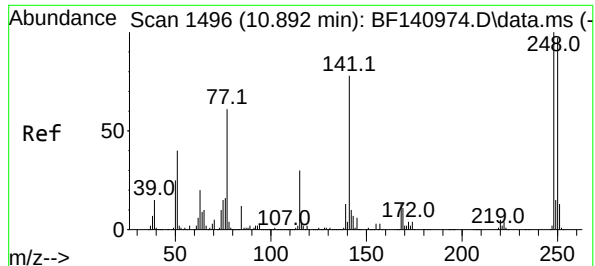
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

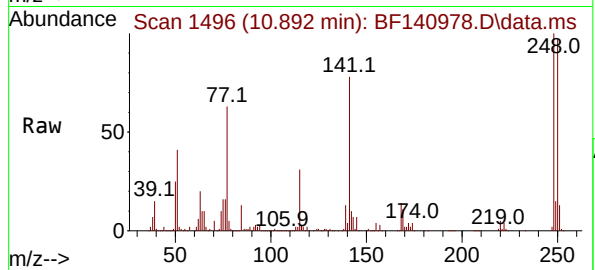
Tgt Ion:169 Resp: 1252782
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 35.8 29.0 43.4





#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

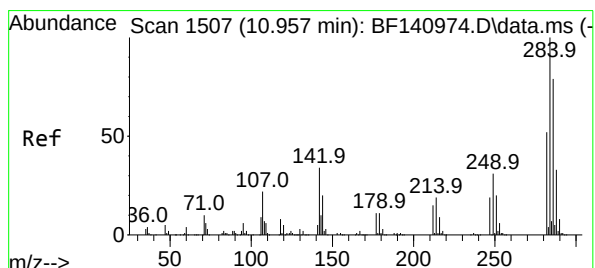
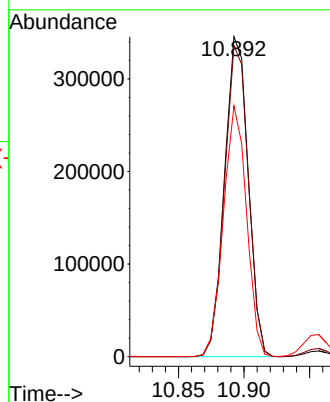
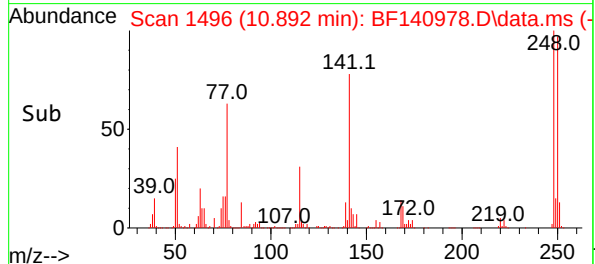
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

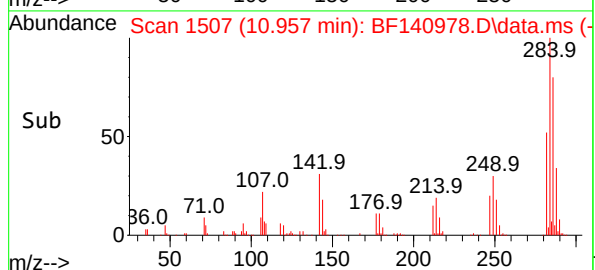
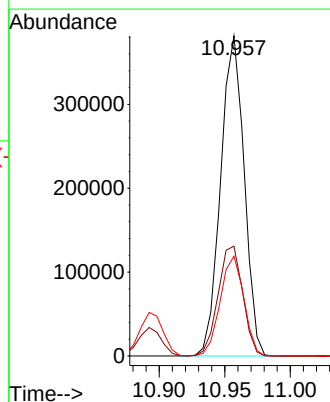
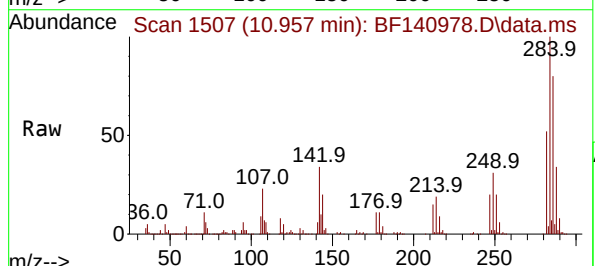
Manual Integrations
APPROVED

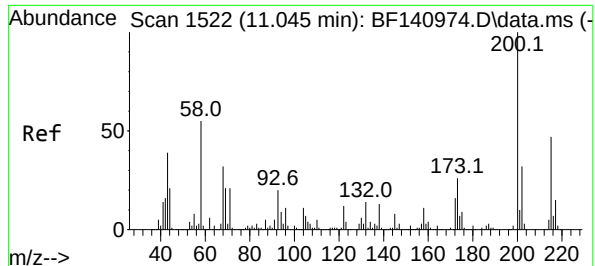
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

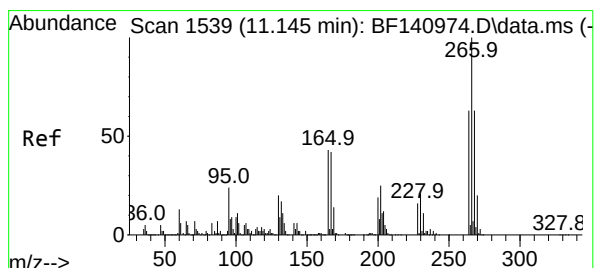
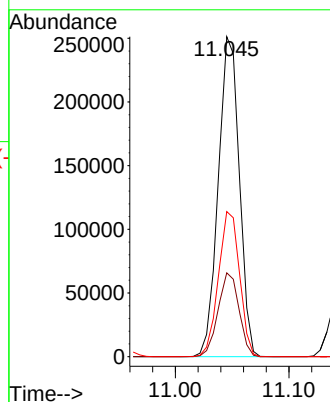
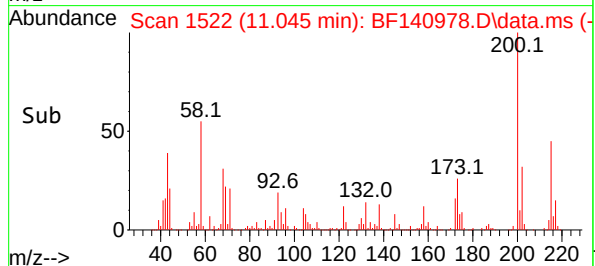
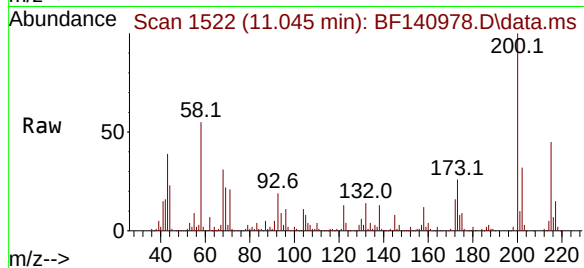
215 45.3 27.2 67.2

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

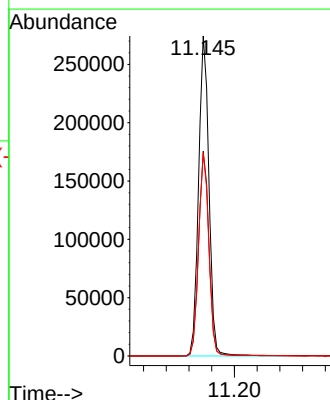
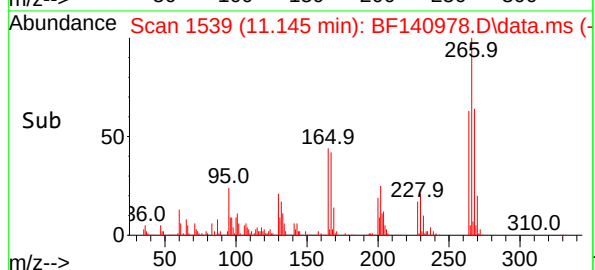
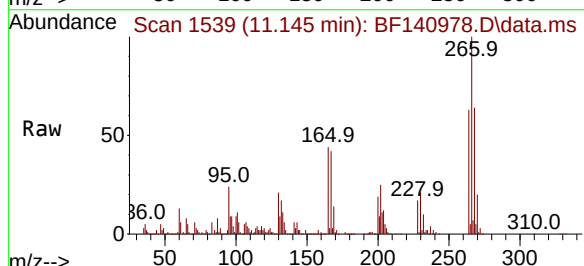
Tgt Ion:266 Resp: 349248

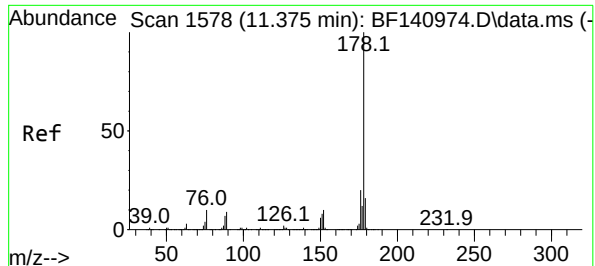
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

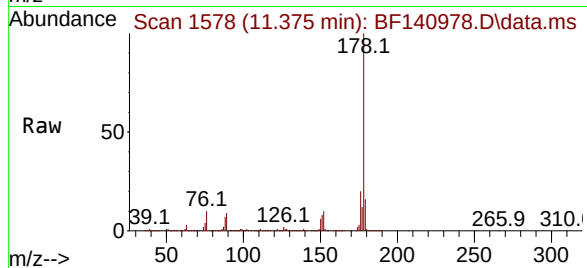
264 63.4 50.2 75.4





#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

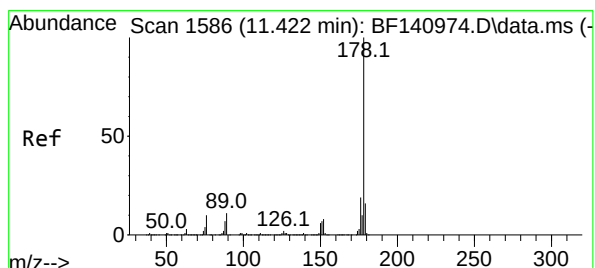
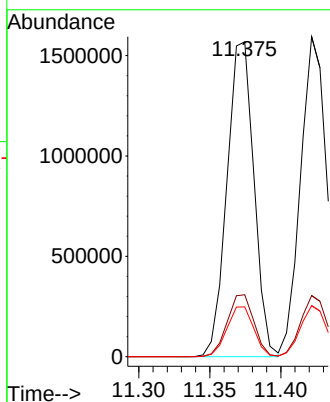
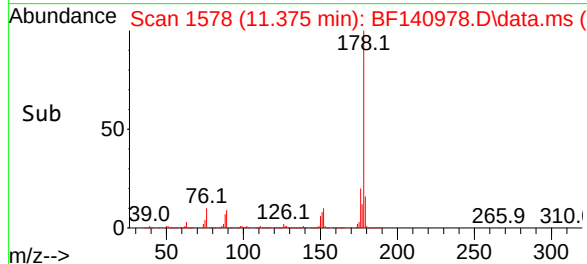
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:178 Resp: 2072012
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.8 12.6 19.0

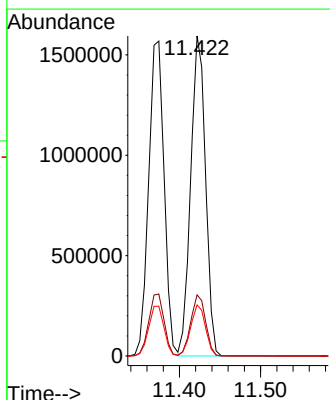
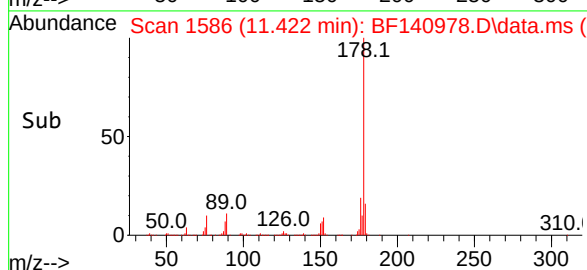
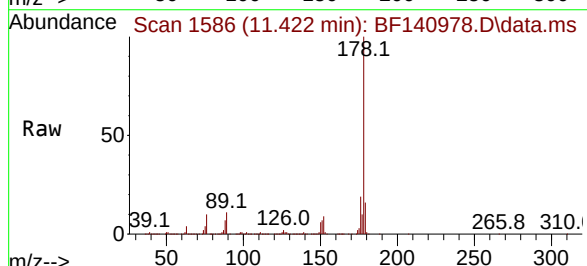
Manual Integrations
APPROVED

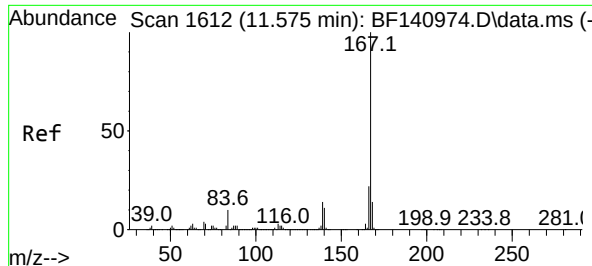
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

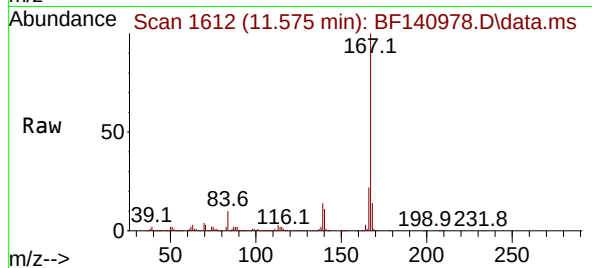
Tgt Ion:178 Resp: 2027823
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.9 19.3





#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

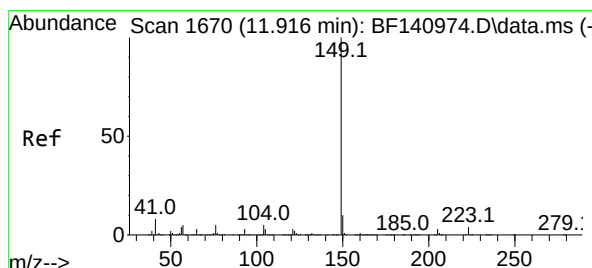
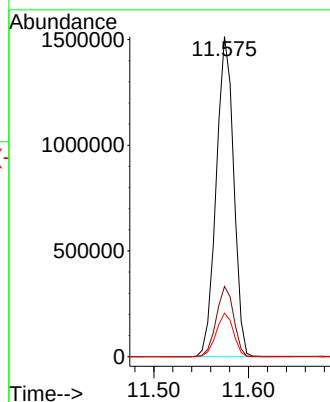
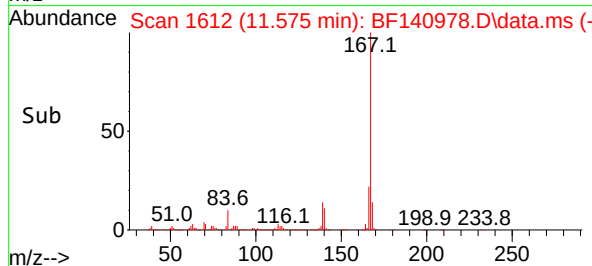
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

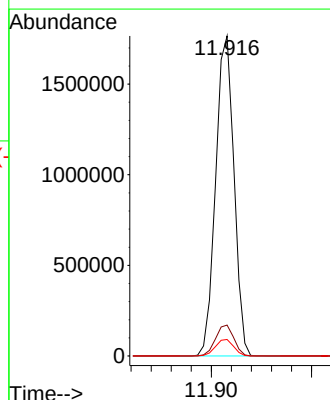
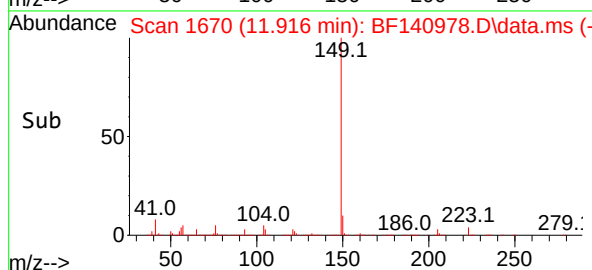
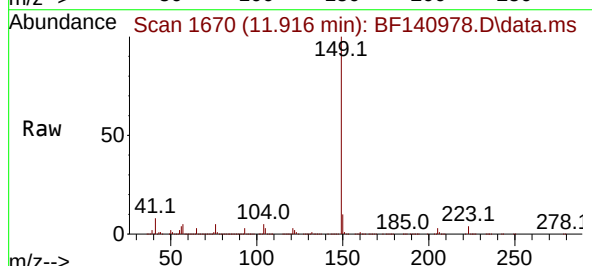
Manual Integrations
APPROVED

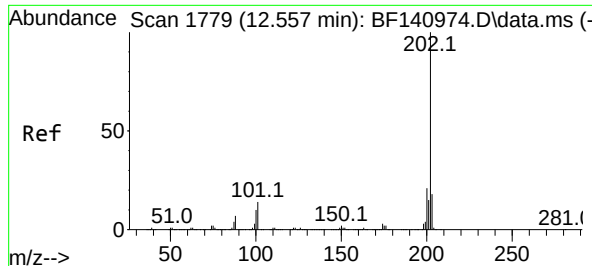
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

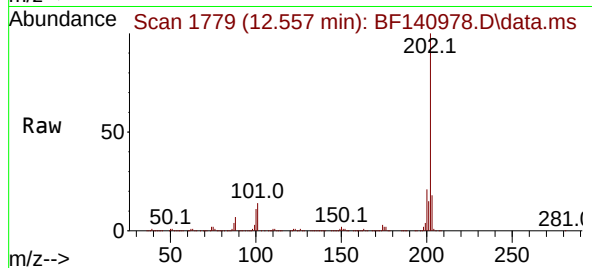
Tgt Ion:149 Resp: 2237362
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.1 4.1 6.1





#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

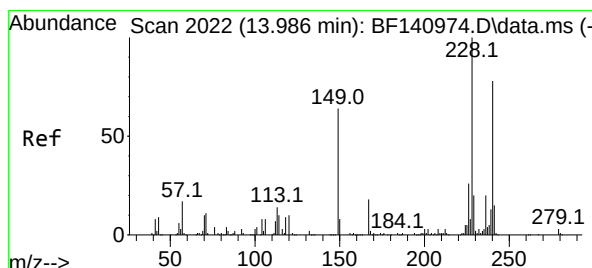
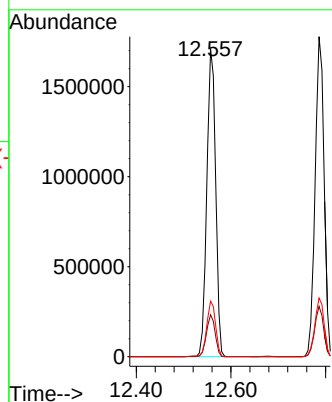
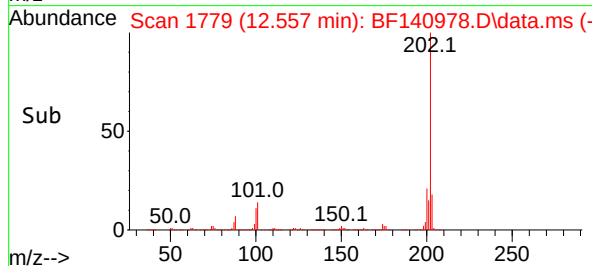
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

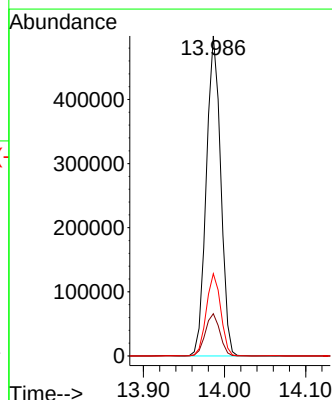
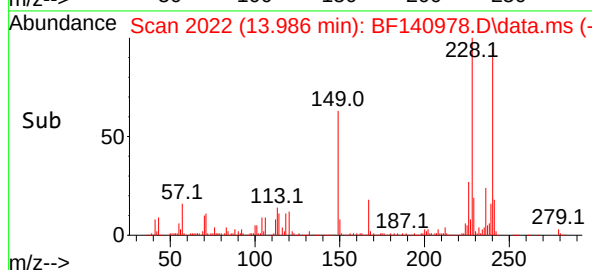
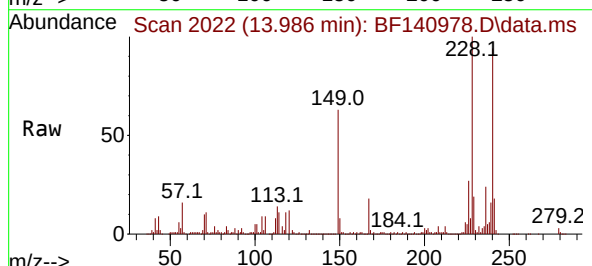
Manual Integrations
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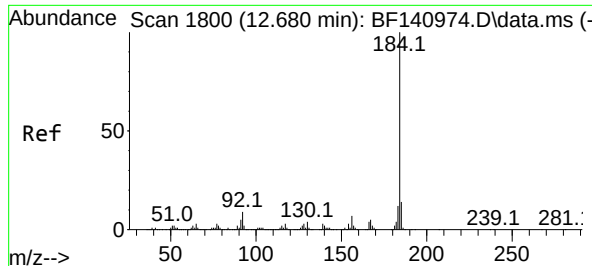
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: 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 :

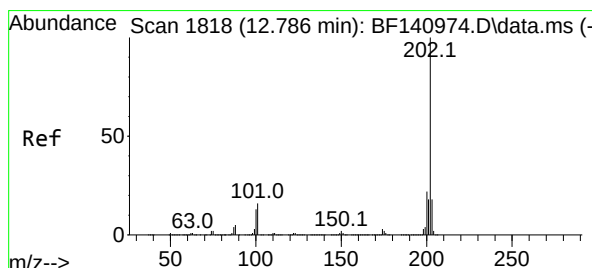
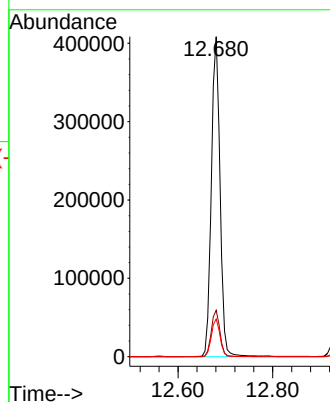
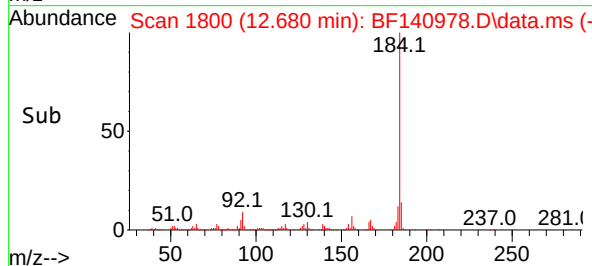
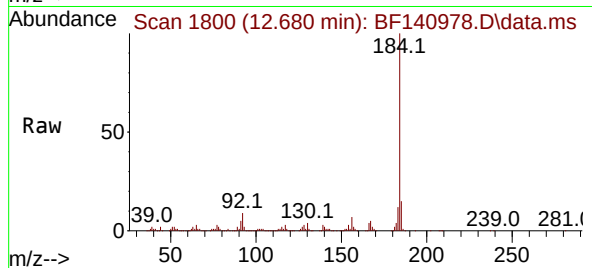
ICVBF122624

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.4	17.2
183	11.8	9.4	14.0

Manual Integrations

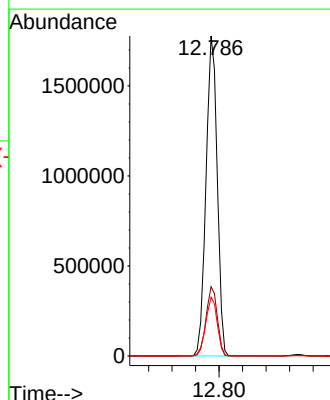
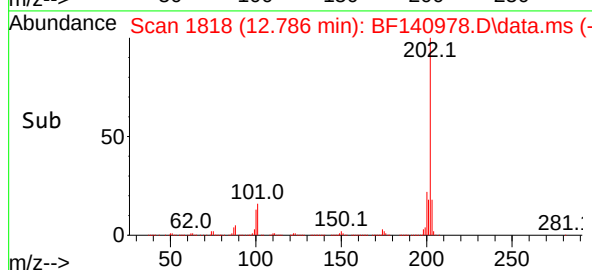
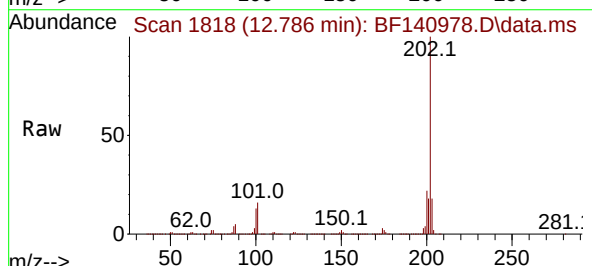
APPROVED

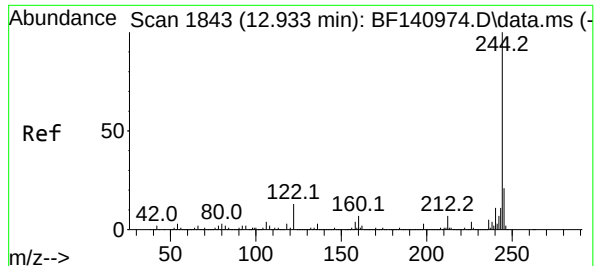
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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	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

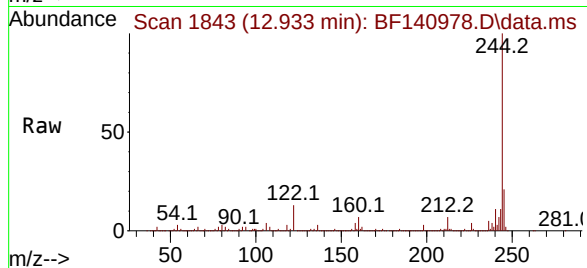
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



Tgt Ion:244 Resp: 308224

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

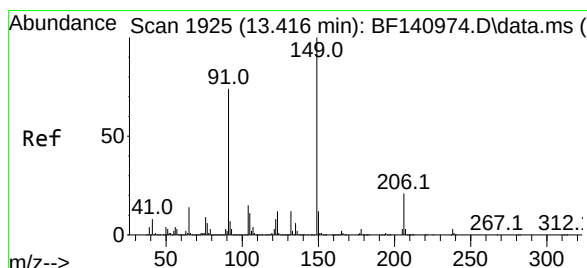
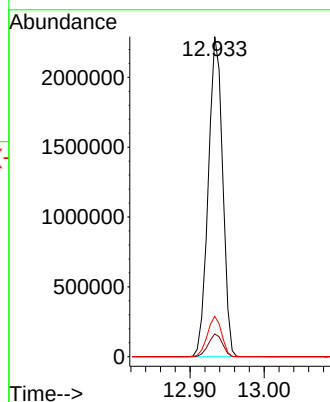
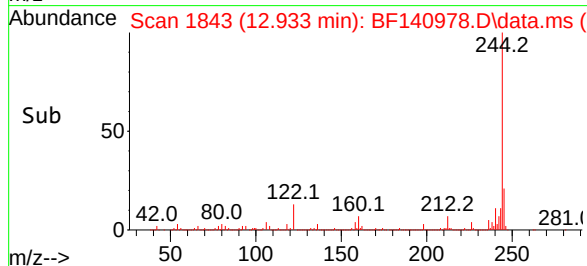
122 12.6 10.2 15.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#80

Butylbenzylphthalate

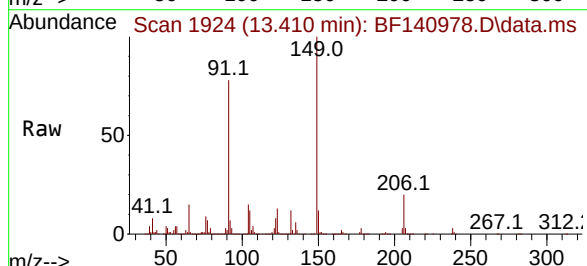
Concen: 43.715 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52



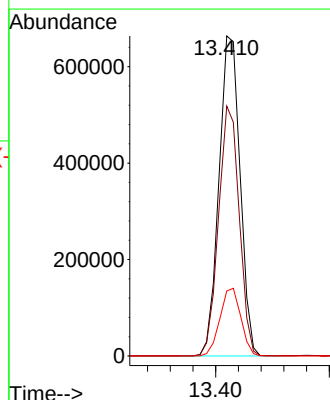
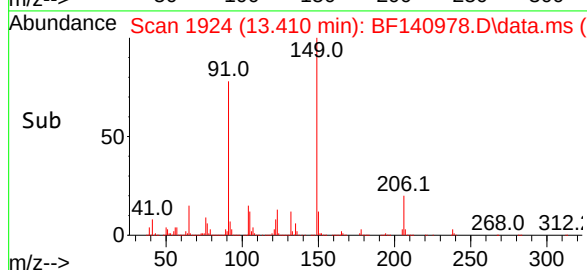
Tgt Ion:149 Resp: 857532

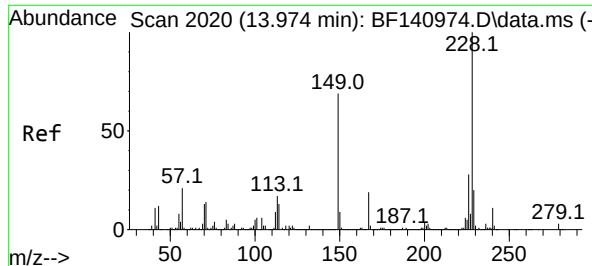
Ion Ratio Lower Upper

149 100

91 78.1 59.5 89.3

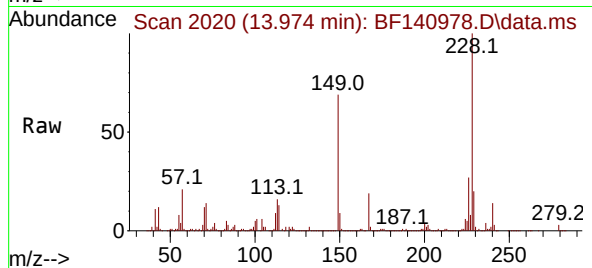
206 20.3 17.1 25.7





#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

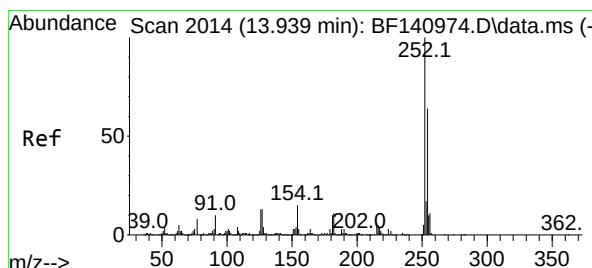
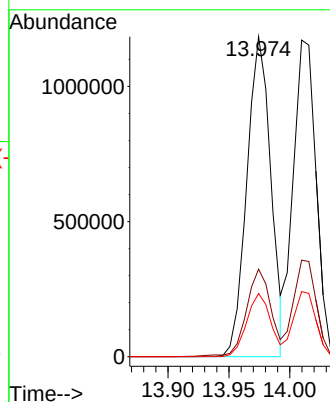
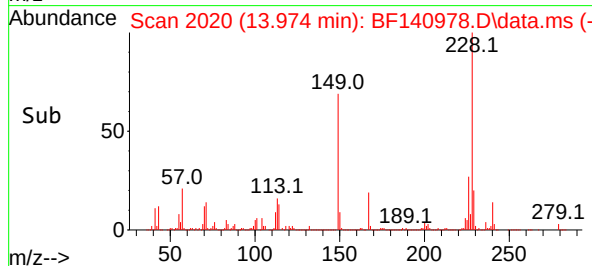
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

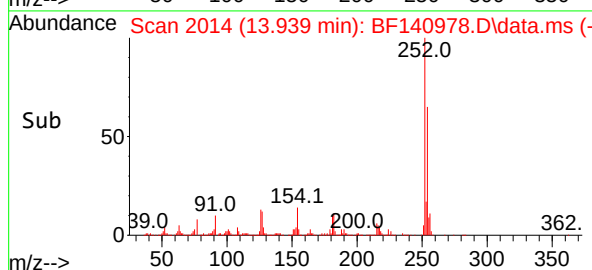
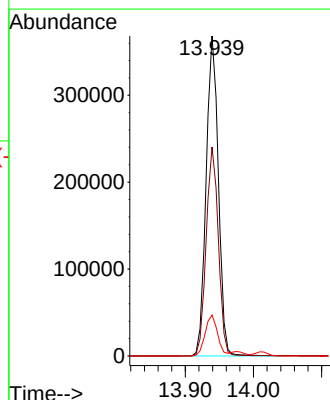
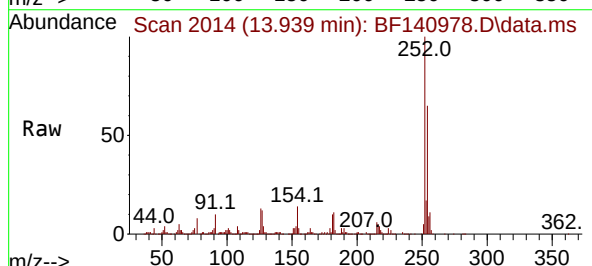
Manual Integrations
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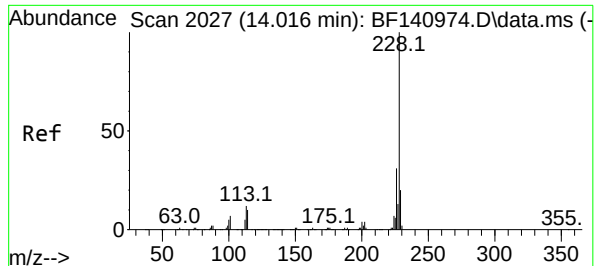
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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# 2027

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

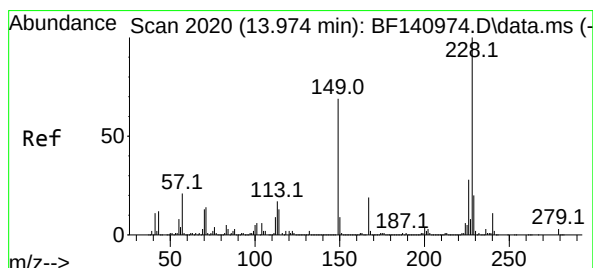
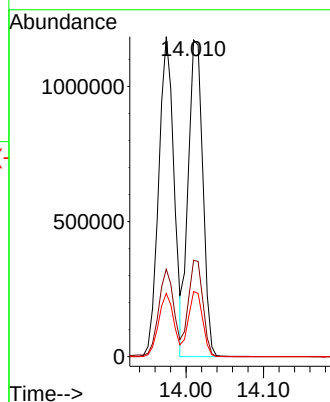
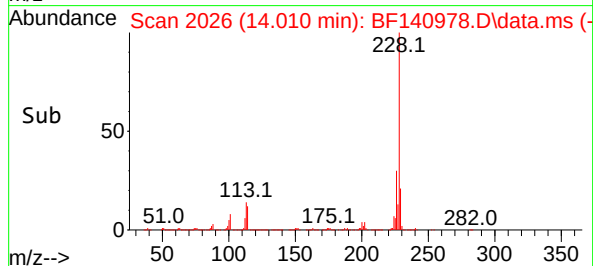
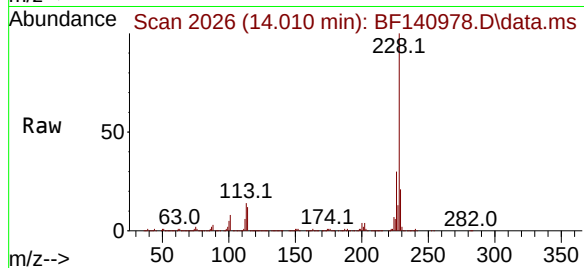
229 20.5 16.2 24.4

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

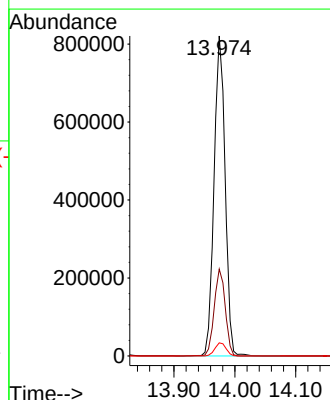
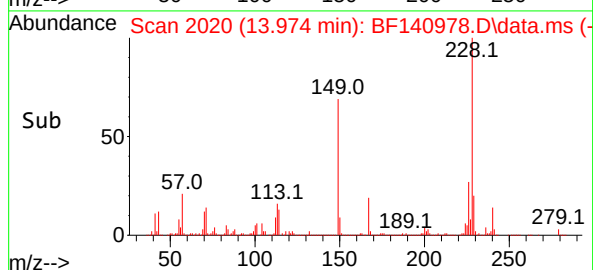
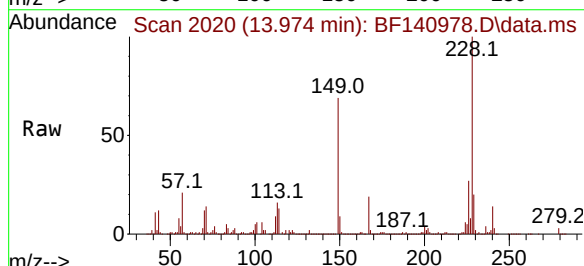
Tgt Ion:149 Resp: 1035953

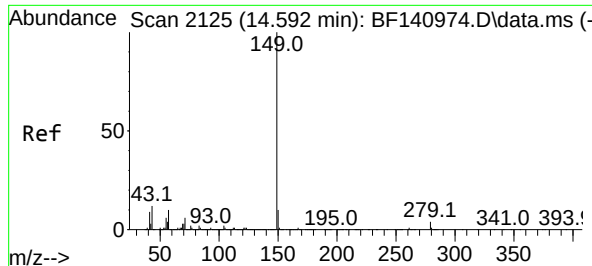
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

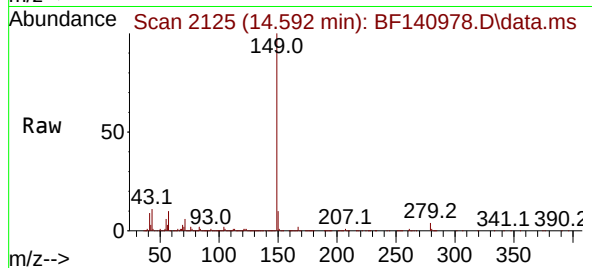
279 4.1 3.2 4.8





#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

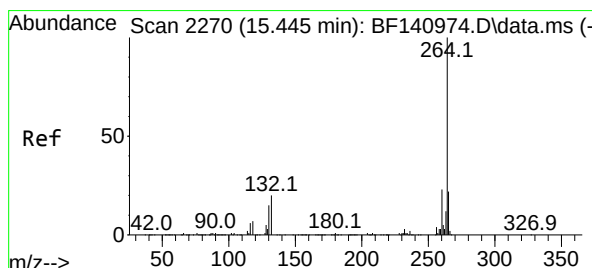
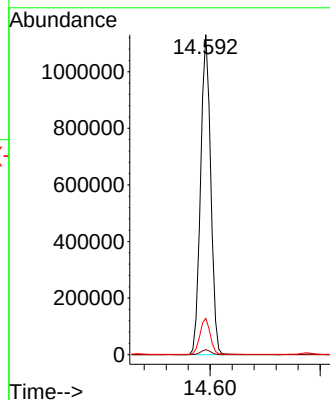
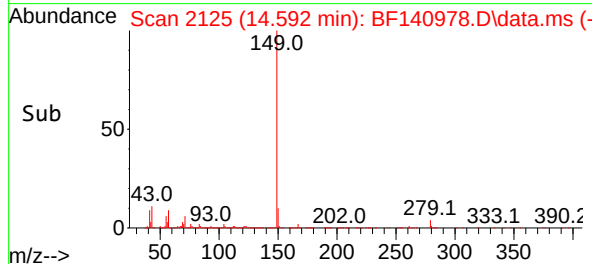
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



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

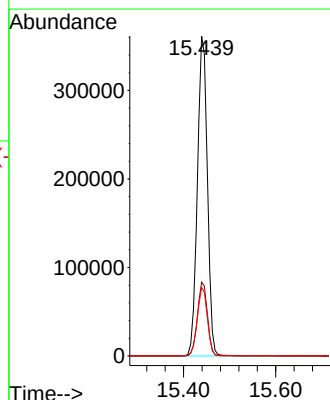
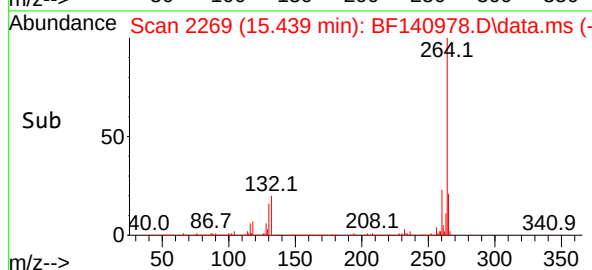
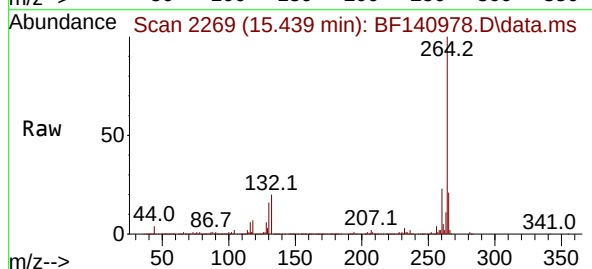
Manual Integrations
APPROVED

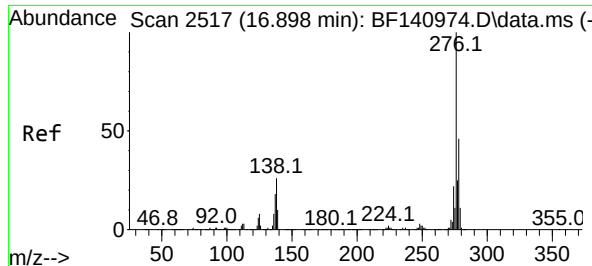
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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# 2156
Delta R.T. -0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

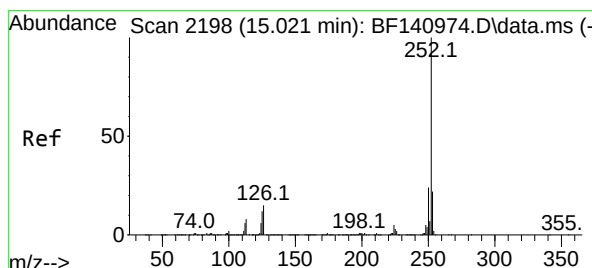
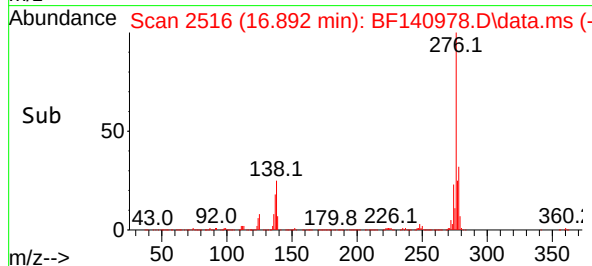
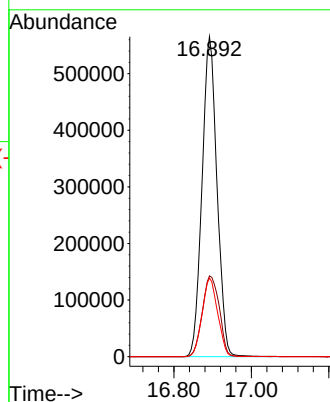
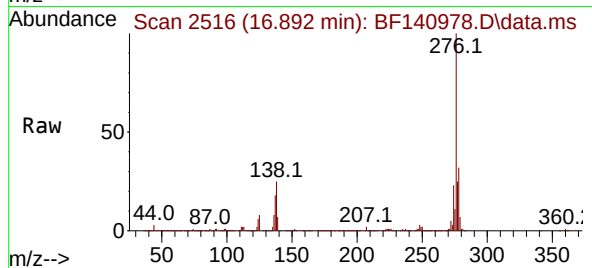
ICVBF122624

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

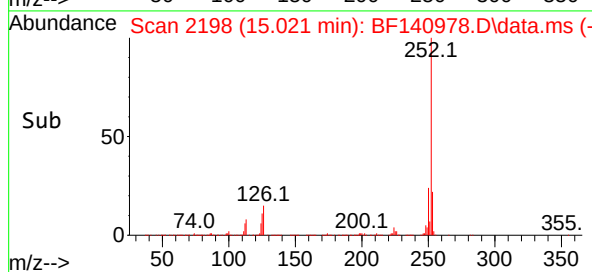
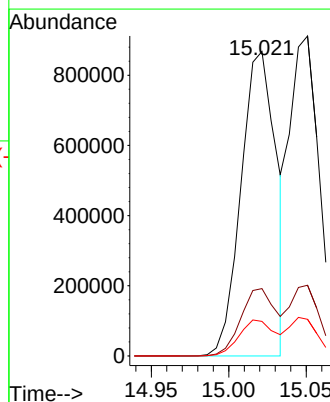
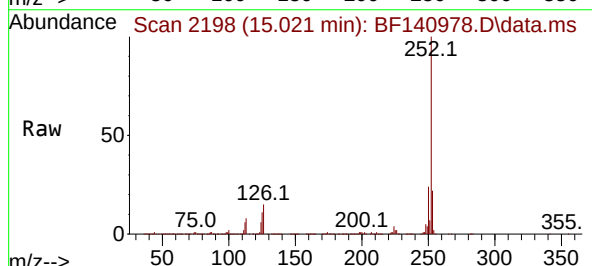
APPROVED

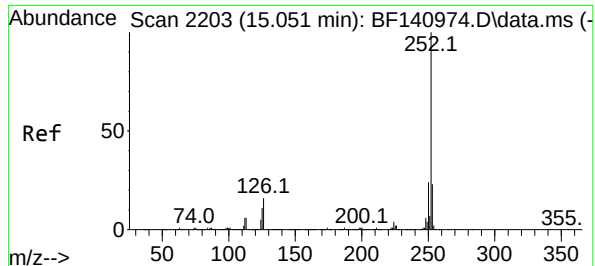
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#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

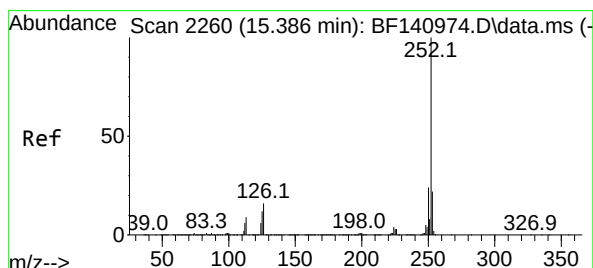
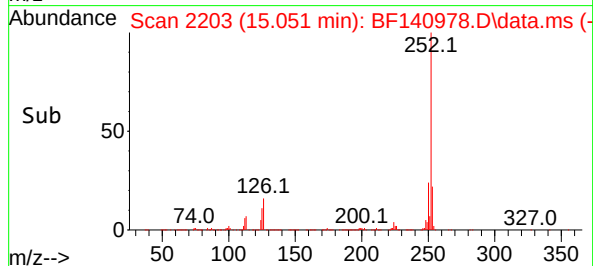
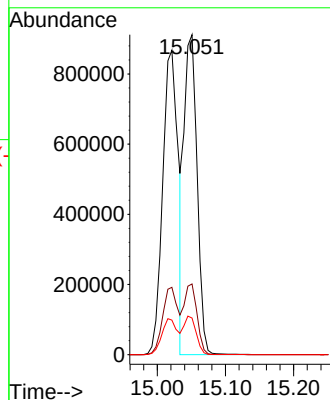
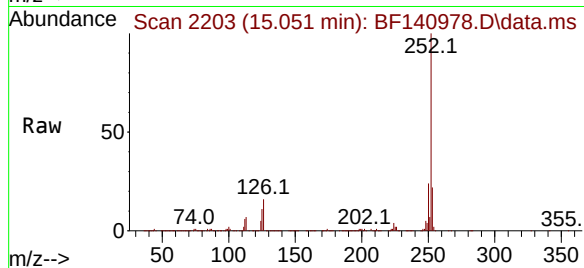
125 11.4 9.4 14.0

Manual Integrations

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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

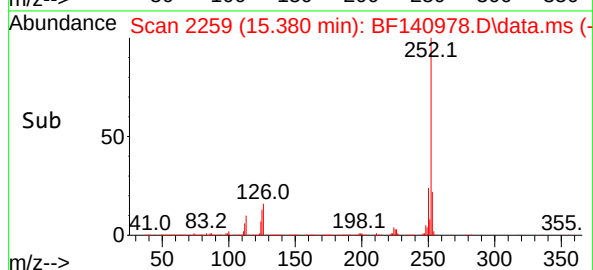
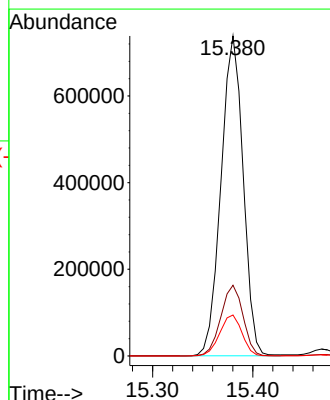
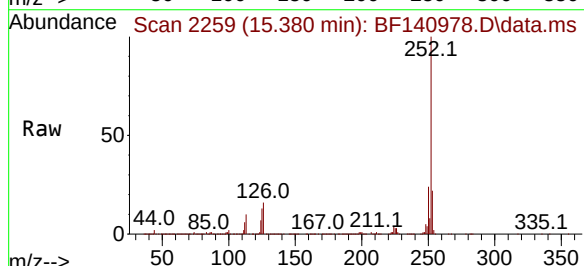
Tgt Ion:252 Resp: 1132116

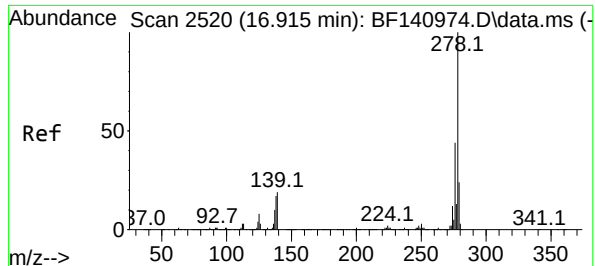
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

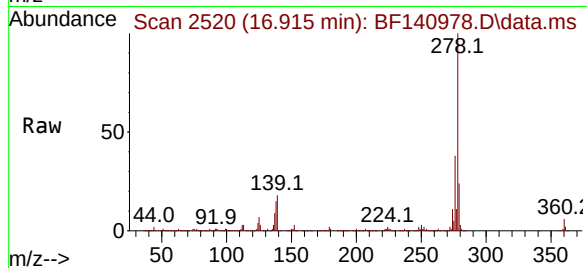
125 12.8 9.8 14.8





#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

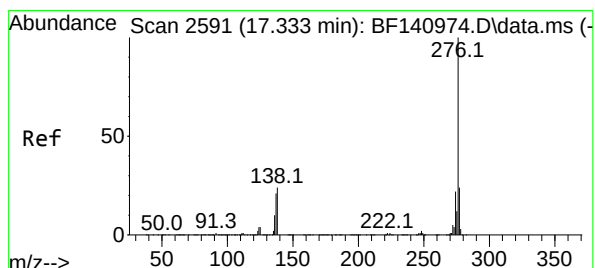
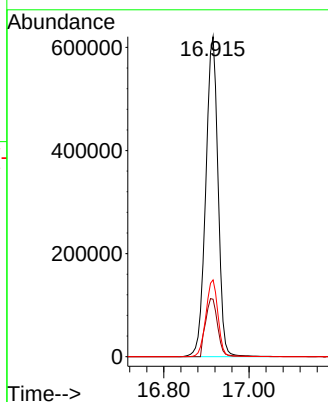
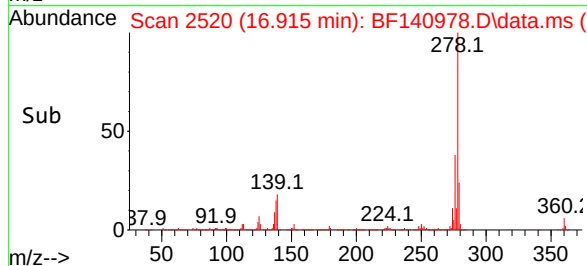
Instrument :
BNA_F
Client Sample Id :
ICVBF122624



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

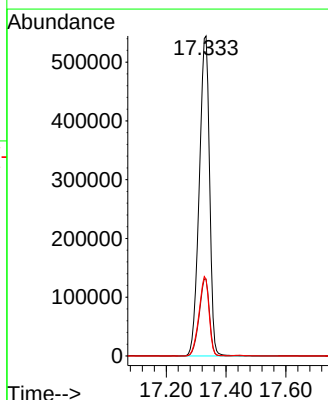
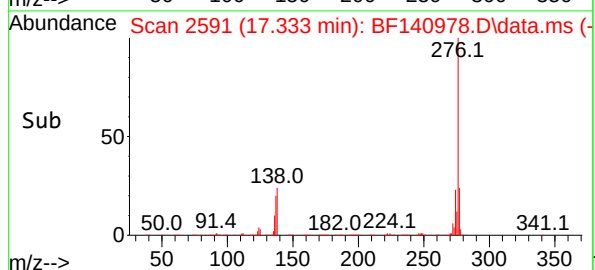
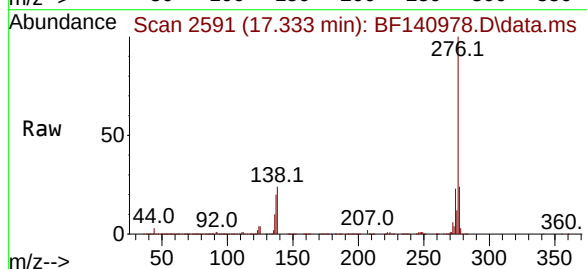
Manual Integrations
APPROVED

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)

(#) = 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
 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)
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 :
 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)
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: PARS02

Lab Code: CHEM Case No.: P5362 SAS No.: P5362 SDG No.: P5362

Instrument ID: BNA_F Calibration Date/Time: 12/30/2024 09:24

Lab File ID: BF141019.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
Pyridine	1.468	1.443		-1.7	
2-Fluorophenol	1.327	1.243		-6.3	
Phenol-d6	1.709	1.608		-5.9	
1,4-Dichlorobenzene	1.556	1.506		-3.2	20.0
2-Methylphenol	1.162	1.098		-5.5	
3+4-Methylphenols	1.471	1.388		-5.6	
Nitrobenzene-d5	0.313	0.317		1.3	
Hexachloroethane	0.553	0.532		-3.8	
Nitrobenzene	0.349	0.348		-0.3	
Hexachlorobutadiene	0.188	0.187		-0.5	20.0
2,4,6-Trichlorophenol	0.366	0.359		-1.9	20.0
2-Fluorobiphenyl	1.255	1.202		-4.2	
2,4,5-Trichlorophenol	0.375	0.385		2.7	
2,4-Dinitrotoluene	0.273	0.301		10.3	
2,4,6-Tribromophenol	0.194	0.197		1.5	
Hexachlorobenzene	0.238	0.240		0.8	
Pentachlorophenol	0.148	0.145		-2.0	20.0
Terphenyl-d14	1.204	1.311		8.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141019.D
 Acq On : 30 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 30 10:08:52 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	6.834	152	287798	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1120357	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	589913	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	999326	20.000	ng	0.00
76) Chrysene-d12	13.992	240	513499	20.000	ng	0.00
86) Perylene-d12	15.451	264	572329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1430877	74.944	ng	0.00
7) Phenol-d6	6.457	99	1850852	75.252	ng	0.00
23) Nitrobenzene-d5	7.398	82	1419604	81.066	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	463792	80.910	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2835781	76.589	ng	0.00
79) Terphenyl-d14	12.939	244	2692720	87.100	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	324850	37.582	ng	99
3) Pyridine	3.304	79	830439	39.312	ng	99
4) n-Nitrosodimethylamine	3.252	42	396435	37.039	ng	98
6) Aniline	6.498	93	876086	39.939	ng	99
8) 2-Chlorophenol	6.616	128	768330	38.169	ng	99
9) Benzaldehyde	6.381	77	483931	40.312	ng	99
10) Phenol	6.469	94	995709	39.151	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	759321	36.977	ng	98
12) 1,3-Dichlorobenzene	6.775	146	868495	39.095	ng	99
13) 1,4-Dichlorobenzene	6.851	146	866903	38.710	ng	99
14) 1,2-Dichlorobenzene	7.004	146	806001	38.601	ng	99
15) Benzyl Alcohol	6.969	79	667713	37.779	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1165429	37.528	ng	100
17) 2-Methylphenol	7.081	107	631725	37.776	ng	100
18) Hexachloroethane	7.345	117	305939	38.457	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	555869	36.891	ng	99
20) 3+4-Methylphenols	7.234	107	798915	37.751	ng	91
22) Acetophenone	7.240	105	1030346	37.489	ng	95
24) Nitrobenzene	7.416	77	779136	39.818	ng	99
25) Isophorone	7.651	82	1452518	38.118	ng	99
26) 2-Nitrophenol	7.728	139	283151	36.712	ng	98
27) 2,4-Dimethylphenol	7.763	122	522137	37.492	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	924219	38.280	ng	100
29) 2,4-Dichlorophenol	7.969	162	619461	39.219	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	705338	39.454	ng	100
31) Naphthalene	8.139	128	2265686	38.378	ng	99
32) Benzoic acid	7.875	122	406940	37.509	ng	96
33) 4-Chloroaniline	8.181	127	811033	37.974	ng	100
34) Hexachlorobutadiene	8.251	225	418359	39.695	ng	99
35) Caprolactam	8.551	113	199464	37.147	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	672479	38.337	ng	98
37) 2-Methylnaphthalene	8.822	142	1448371	38.350	ng	100
38) 1-Methylnaphthalene	8.922	142	1426512	38.433	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	653460	40.264	ng	100
41) Hexachlorocyclopentadiene	8.975	237	209732	38.997	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	423585	39.216	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141019.D
 Acq On : 30 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 30 10:08:52 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	9.134	196	453675	41.049	ng	99
46) 1,1'-Biphenyl	9.286	154	1780971	39.429	ng	100
47) 2-Chloronaphthalene	9.316	162	1373992	39.221	ng	99
48) 2-Nitroaniline	9.404	65	334984	37.660	ng	96
49) Acenaphthylene	9.728	152	1927381	38.219	ng	100
50) Dimethylphthalate	9.586	163	1506626	38.828	ng	100
51) 2,6-Dinitrotoluene	9.651	165	293090	37.873	ng	100
52) Acenaphthene	9.898	154	1322805	38.800	ng	100
53) 3-Nitroaniline	9.816	138	316358	37.526	ng	96
54) 2,4-Dinitrophenol	9.922	184	89470	39.273	ng	# 1
55) Dibenzofuran	10.075	168	1857502	38.768	ng	98
56) 4-Nitrophenol	9.963	139	244391	36.820	ng	99
57) 2,4-Dinitrotoluene	10.051	165	355172	37.740	ng	99
58) Fluorene	10.416	166	1414704	38.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	369931	40.416	ng	98
60) Diethylphthalate	10.286	149	1479347	38.618	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	702832	39.313	ng	96
62) 4-Nitroaniline	10.428	138	311892	37.095	ng	96
63) Azobenzene	10.569	77	1521732	37.847	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	137748	37.186	ng	95
66) n-Nitrosodiphenylamine	10.528	169	1240017	39.405	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	448280	41.496	ng	97
68) Hexachlorobenzene	10.963	284	479543	40.258	ng	99
69) Atrazine	11.051	200	297531	33.844	ng	99
70) Pentachlorophenol	11.151	266	290589	39.182	ng	99
71) Phenanthrene	11.375	178	2018462	38.377	ng	100
72) Anthracene	11.428	178	1971230	38.249	ng	100
73) Carbazole	11.580	167	1810329	36.540	ng	100
74) Di-n-butylphthalate	11.916	149	2091018	37.107	ng	100
75) Fluoranthene	12.563	202	1955256	34.277	ng	100
77) Benzidine	12.686	184	410188	37.797	ng	100
78) Pyrene	12.792	202	1964156	43.736	ng	100
80) Butylbenzylphthalate	13.416	149	651212	39.711	ng	99
81) Benzo(a)anthracene	13.980	228	1320984	36.912	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	430238	40.013	ng	99
83) Chrysene	14.021	228	1300887	40.323	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	790574	37.166	ng	100
85) Di-n-octyl phthalate	14.592	149	1269609	41.238	ng	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	1687714	46.806	ng	98
88) Benzo(b)fluoranthene	15.027	252	1304484	32.680	ng	99
89) Benzo(k)fluoranthene	15.057	252	1256515	40.163	ng	99
90) Benzo(a)pyrene	15.386	252	1181585	38.137	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	1381399	47.261	ng	99
92) Benzo(g,h,i)perylene	17.357	276	1446266	47.707	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

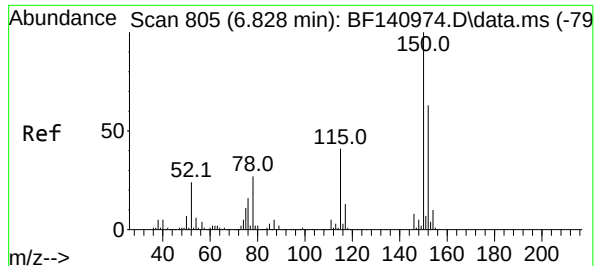
Abundance

TIC: BF141019.D\data.ms

Time-->

Peaks identified:

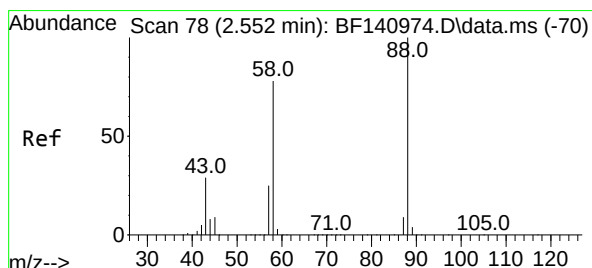
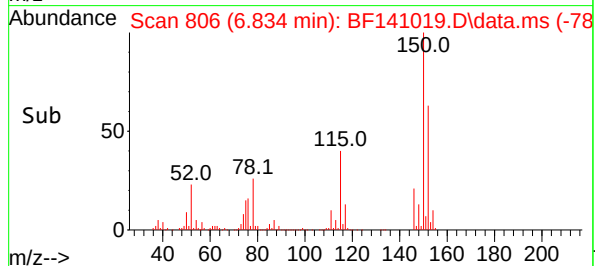
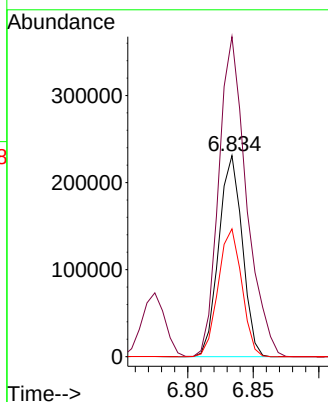
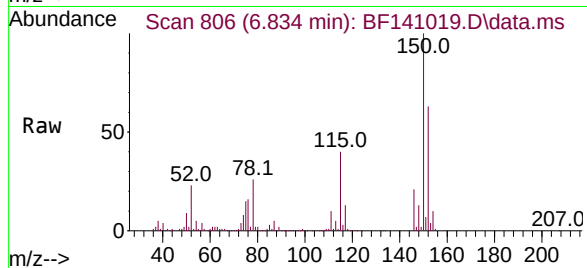
- 1,4-Dioxane
- n-Nitrosodimethylamine,
- 2-Fluorophenol,S
- Aniline
- Benzaldehyde
- bis(2-Chloroethyl)ether
- Phenol-d6,S
- 1,7-Dichlorobenzene-d4,I
- 1,3-Dichlorobenzene,C
- 1,2-Dichlorobenzene
- 2,2'-oxybis(1-Chloroethanol)
- Hexachlorocyclopentadiene
- Nitrobenzene-d5,S
- Squalone
- 2-Nitrophenol,C
- 2,4-Dimethyl-5-(2-methoxy)methane
- Methylchloride
- Naphthalene
- 2,4-Dichlorobenzene,C
- Hexachlorobutadiene,C
- Caprolactam
- 4-Chloro-3-methylphenol,C
- Hexachlorocyclopentadiene,d5,I
- 2,4,6-Trichlorobenzene
- 2-Chloronaphthalene,1'-Biphenyl
- 2-Nitroaniline
- Dimethylphthalate
- Acenaphthylene
- Acenaphthene,C
- Dibenzofuran
- 2,3,4,6-Tetrachlorophthalate
- 4-Nitroaniline
- 2,4,6-Trinitrophenol,Nitrosodiphenylamine,c
- 4-Hydroxyacetophenone
- 4-Hydroxyphenyl-phenylether
- Alkylresorcinol
- Penta-chlorophenol,C
- Phthalic acid
- Carbazole
- Di-n-butylphthalate
- Fluoranthene,C
- Pyrene
- Benzidine
- Butylbenzylphthalate
- 3,3'-Dichlorobenzidine
- Crysotene-d12,I
- Di-n-octyl phthalate,c
- Benzo(a)fluoranthene
- Benzo(a)pyrene,C
- Perylene-d12,I
- Indeno(1,2,3-cd)pyrene
- Benzo(g,h,i)perylene



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF141019.D
 Acq: 30 Dec 2024 09:24

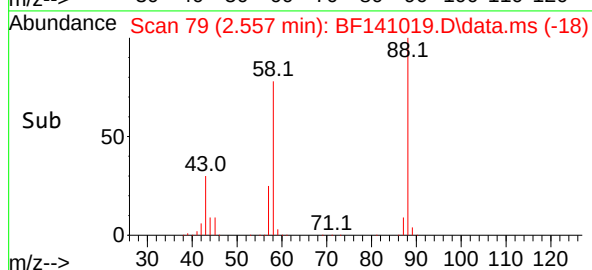
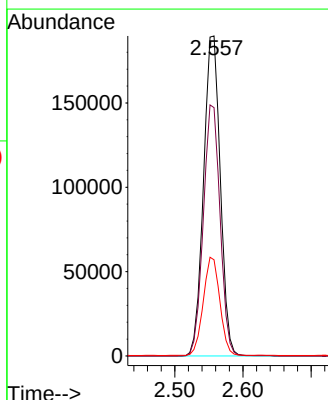
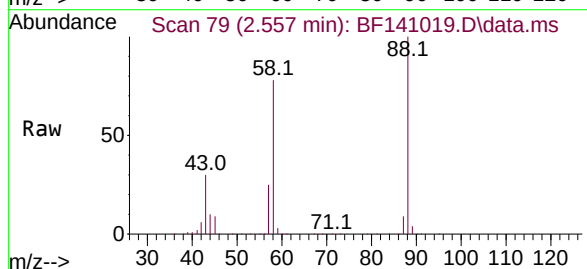
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

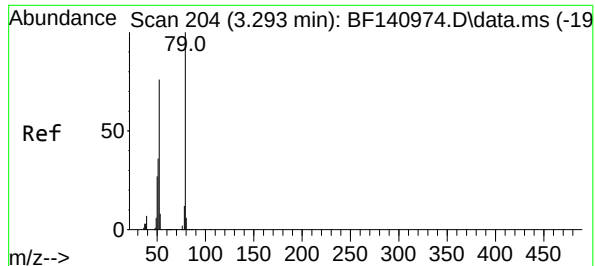
Tgt Ion:152 Resp: 287798
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.0 190.6
 115 63.5 51.7 77.5



#2
 1,4-Dioxane
 Concen: 37.582 ng
 RT: 2.557 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF141019.D
 Acq: 30 Dec 2024 09:24

Tgt Ion: 88 Resp: 324850
 Ion Ratio Lower Upper
 88 100
 58 78.3 63.0 94.4
 43 30.2 23.4 35.2

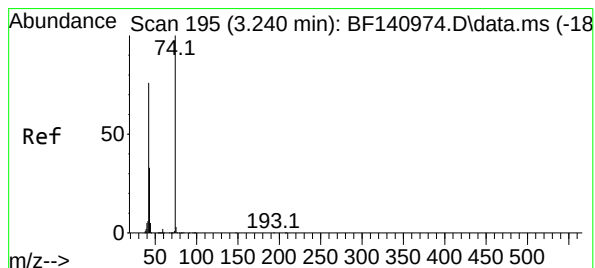
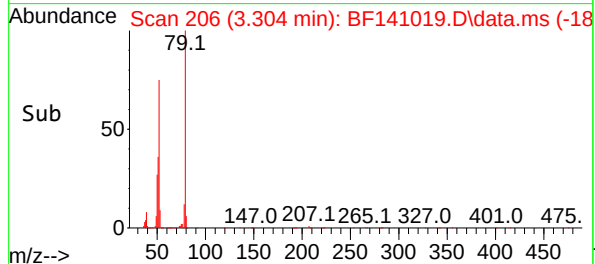
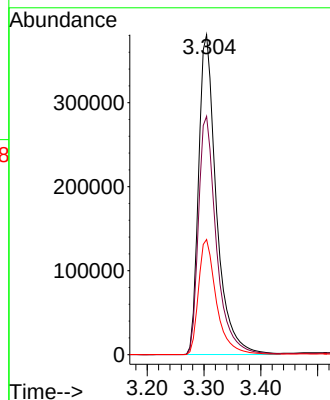
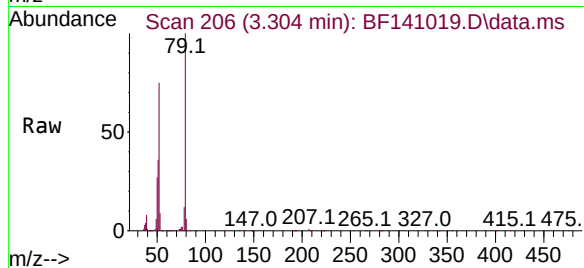




#3
Pyridine
Concen: 39.312 ng
RT: 3.304 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

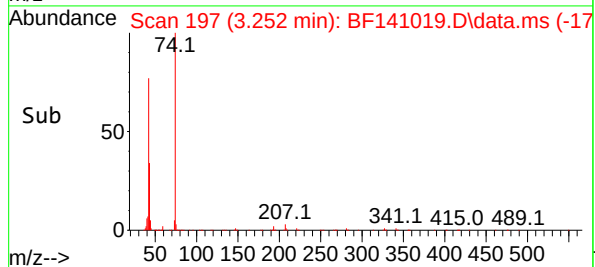
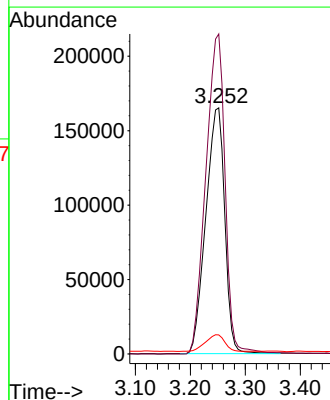
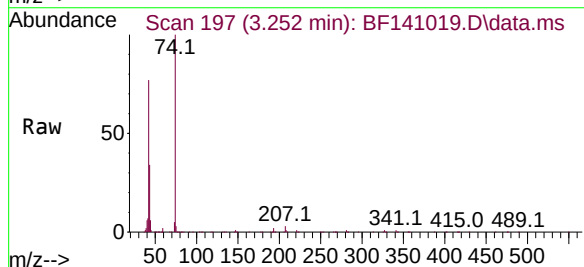
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

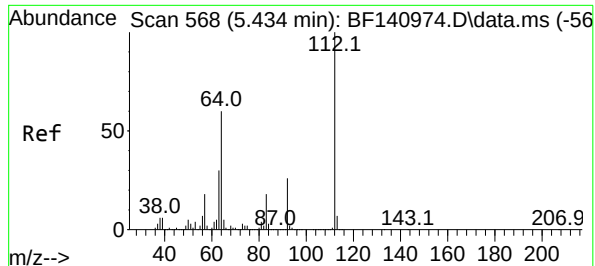
Tgt Ion: 79 Resp: 830439
Ion Ratio Lower Upper
79 100
52 74.5 60.4 90.6
51 36.0 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 37.039 ng
RT: 3.252 min Scan# 197
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 42 Resp: 396435
Ion Ratio Lower Upper
42 100
74 130.0 105.8 158.6
44 7.8 6.6 10.0

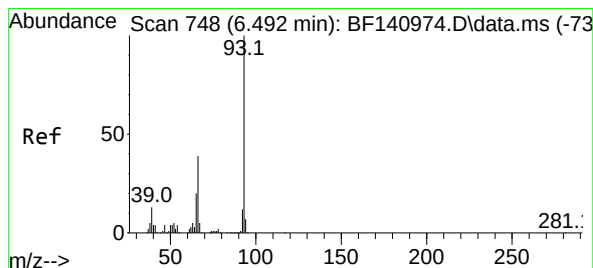
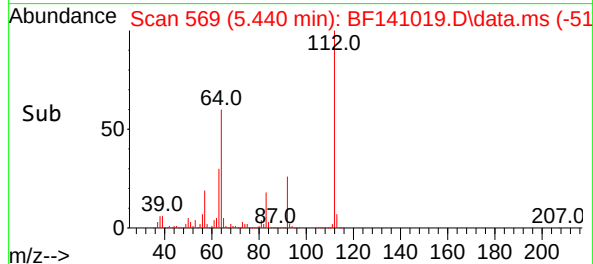
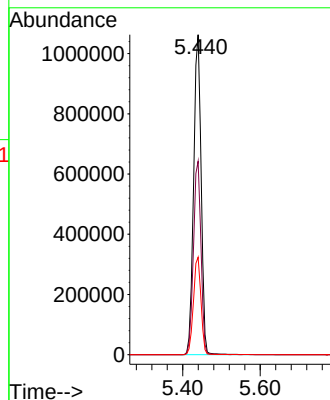
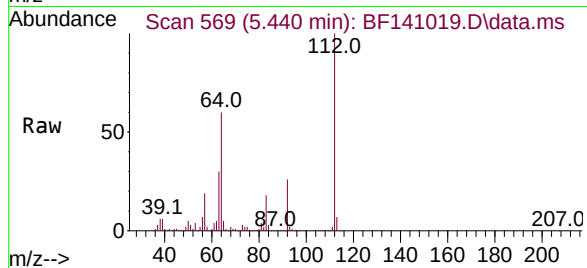




#5
2-Fluorophenol
Concen: 74.944 ng
RT: 5.440 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

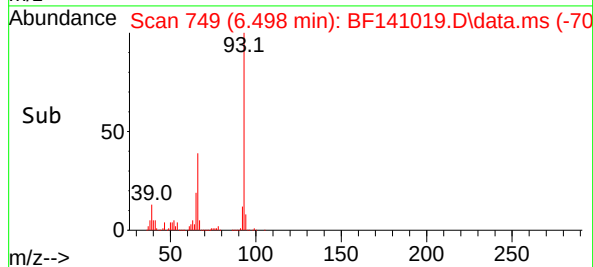
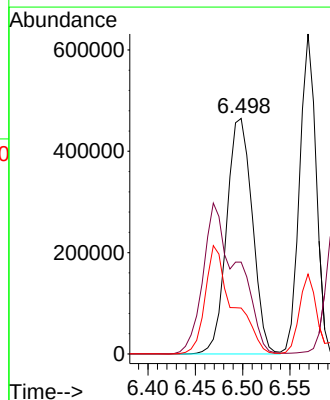
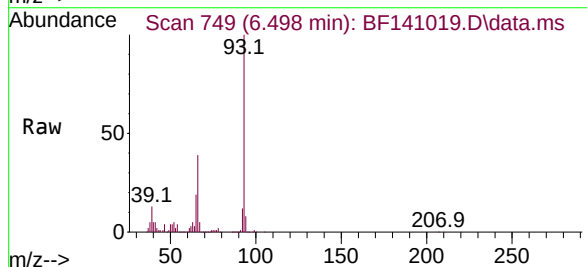
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

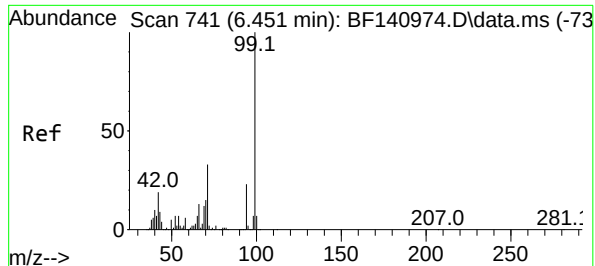
Tgt Ion:112 Resp: 1430877
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.5 24.2 36.2



#6
Aniline
Concen: 39.939 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 93 Resp: 876086
Ion Ratio Lower Upper
93 100
66 39.0 31.8 47.8
65 19.5 15.4 23.0





#7

Phenol-d6

Concen: 75.252 ng

RT: 6.457 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

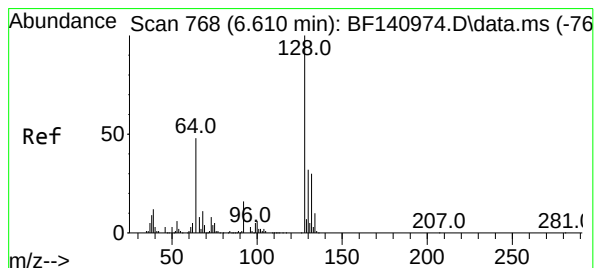
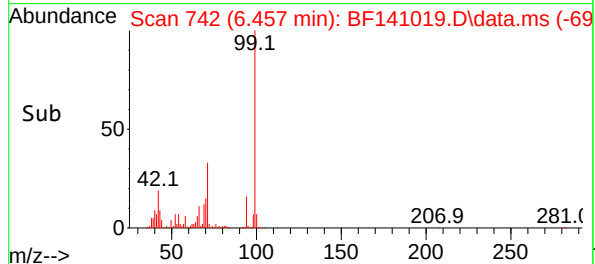
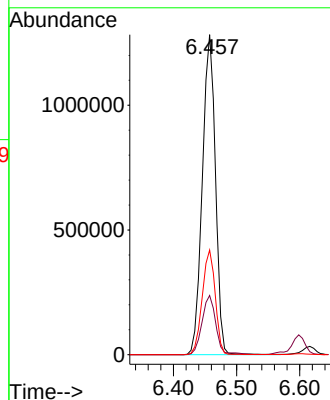
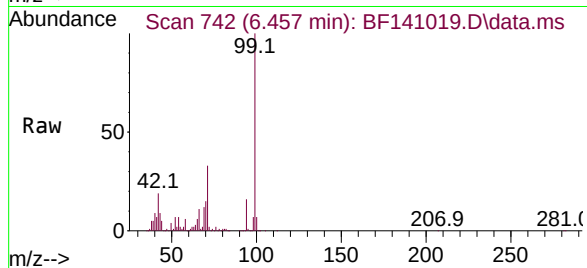
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1850852

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	32.7	26.2	39.2



#8

2-Chlorophenol

Concen: 38.169 ng

RT: 6.616 min Scan# 769

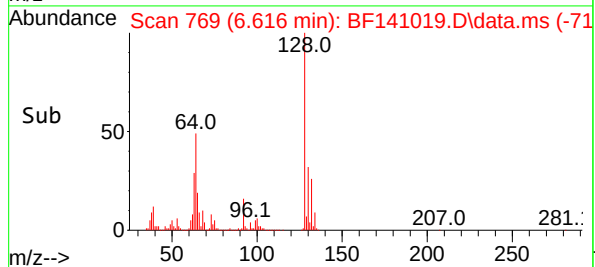
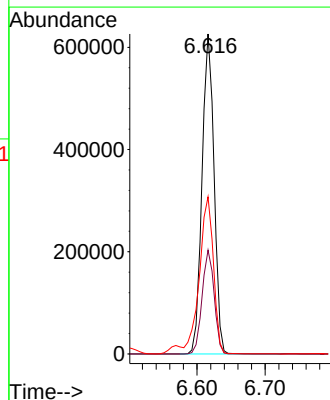
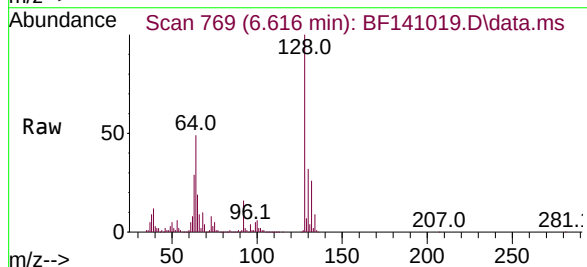
Delta R.T. 0.006 min

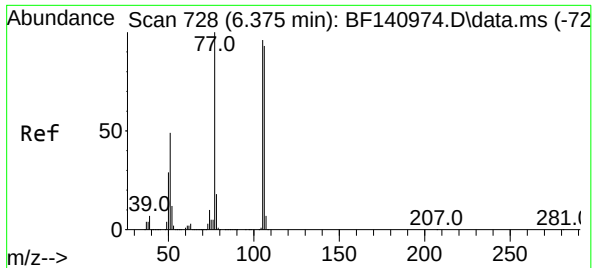
Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion: 128 Resp: 768330

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	49.1	30.3	70.3

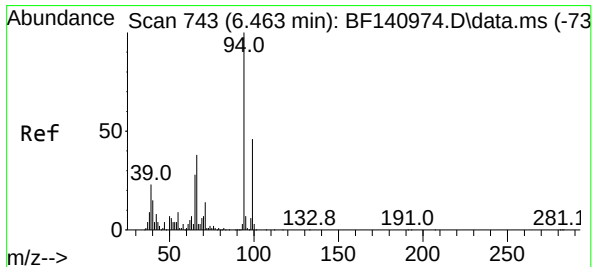
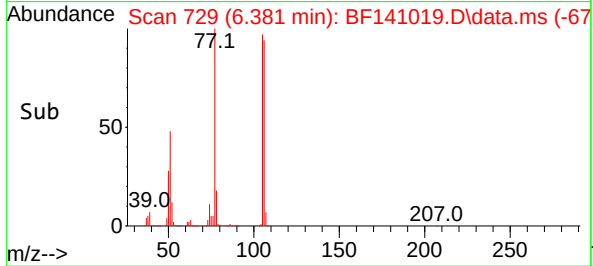
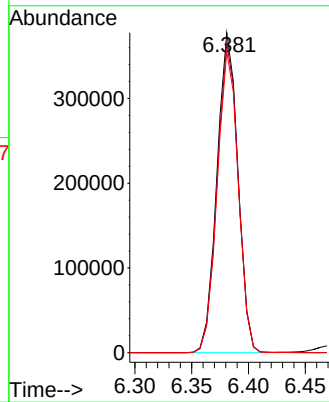
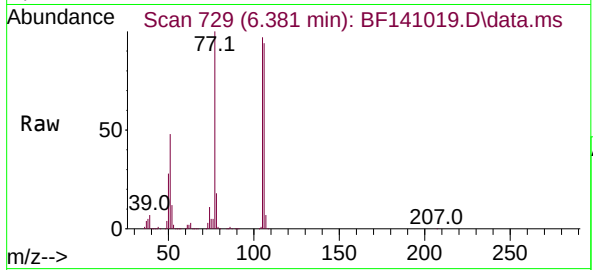




#9
Benzaldehyde
Concen: 40.312 ng
RT: 6.381 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

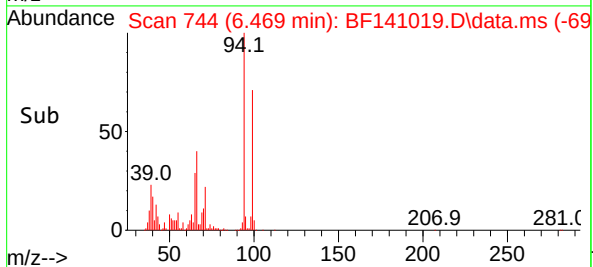
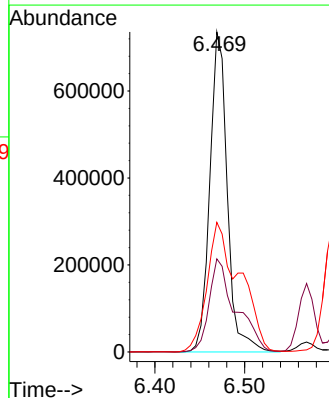
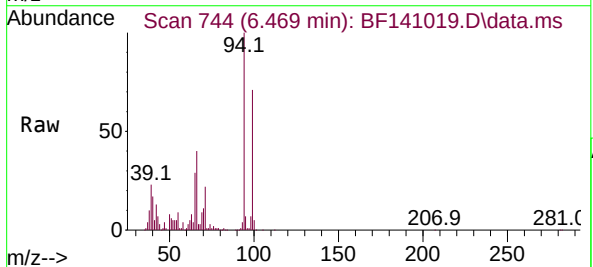
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

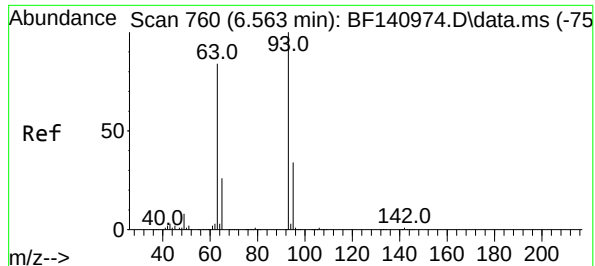
Tgt Ion: 77 Resp: 483931
Ion Ratio Lower Upper
77 100
105 96.7 76.2 116.2
106 94.0 73.4 113.4



#10
Phenol
Concen: 39.151 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 94 Resp: 995709
Ion Ratio Lower Upper
94 100
65 29.1 8.1 48.1
66 40.5 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 36.977 ng

RT: 6.569 min Scan# 760

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

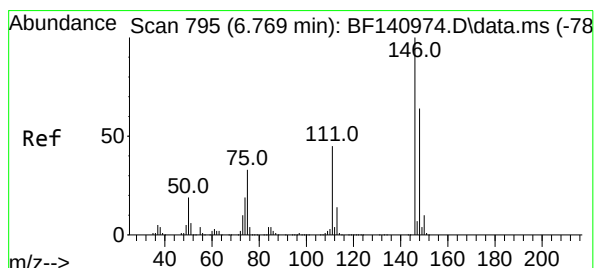
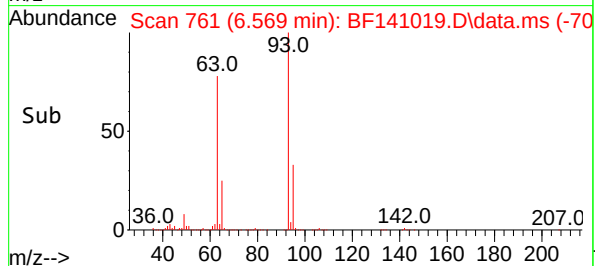
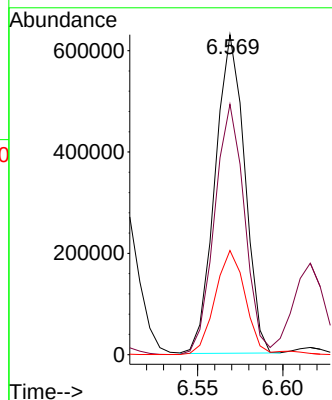
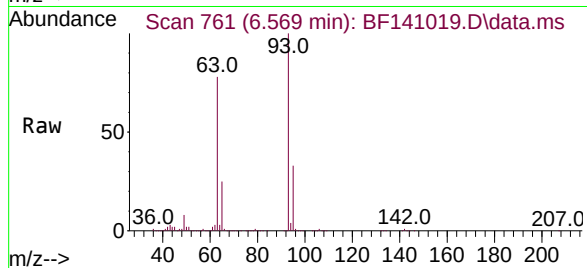
Tgt Ion: 93 Resp: 759321

Ion Ratio Lower Upper

93 100

63 78.3 60.3 100.3

95 32.5 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 39.095 ng

RT: 6.775 min Scan# 796

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

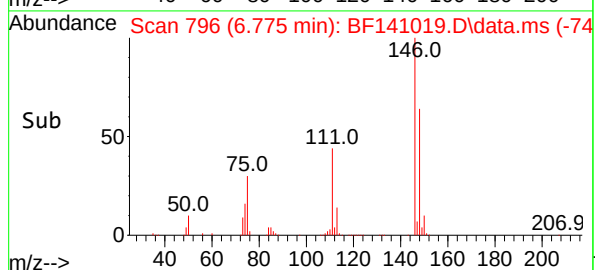
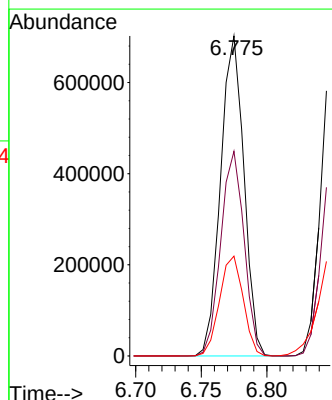
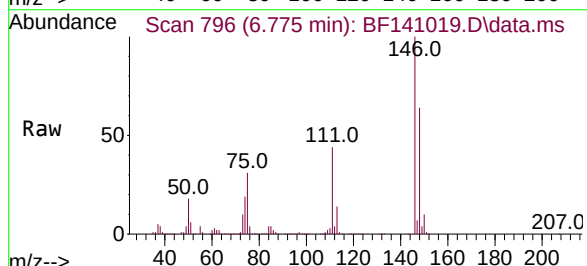
Tgt Ion:146 Resp: 868495

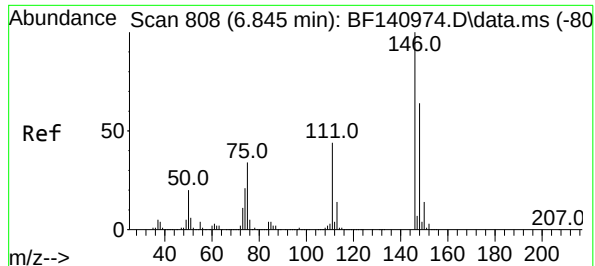
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

75 31.2 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.710 ng

RT: 6.851 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

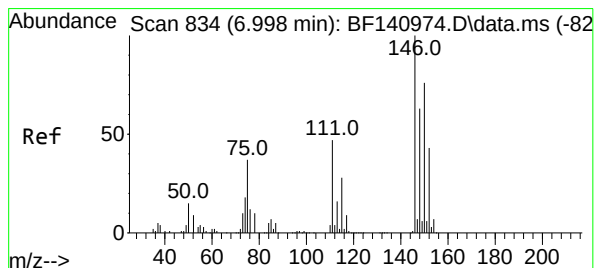
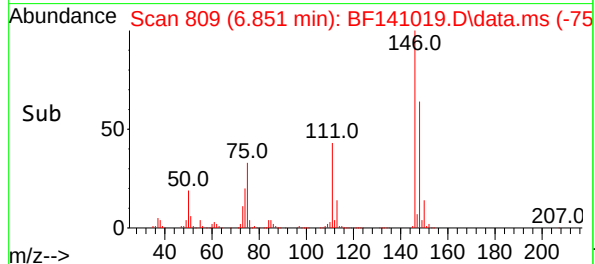
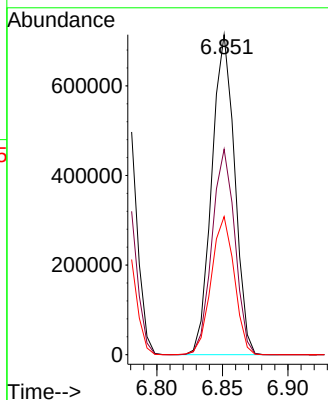
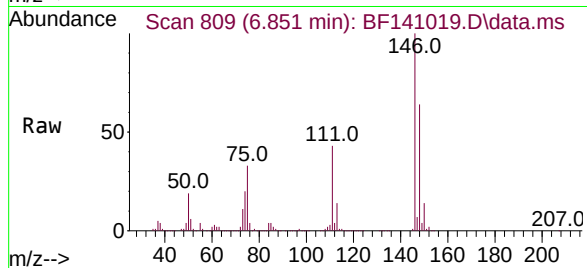
Tgt Ion:146 Resp: 866903

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

111 43.1 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 38.601 ng

RT: 7.004 min Scan# 835

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

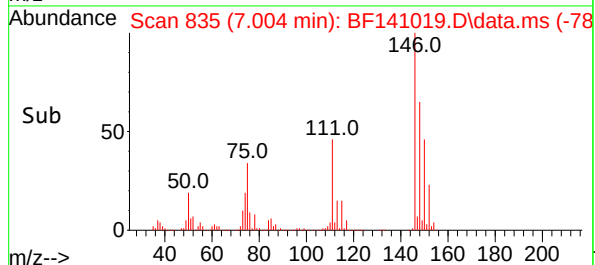
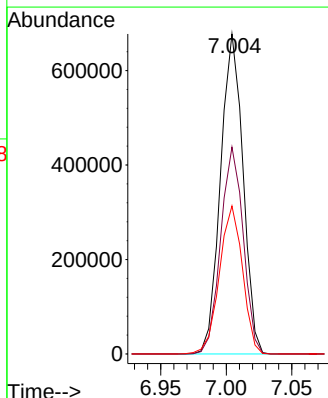
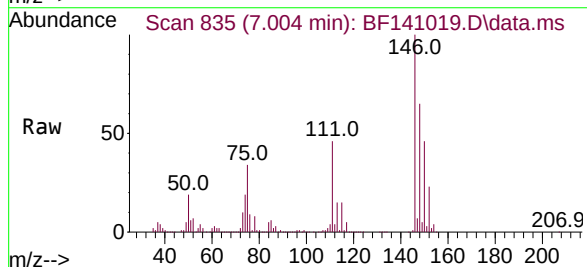
Tgt Ion:146 Resp: 806001

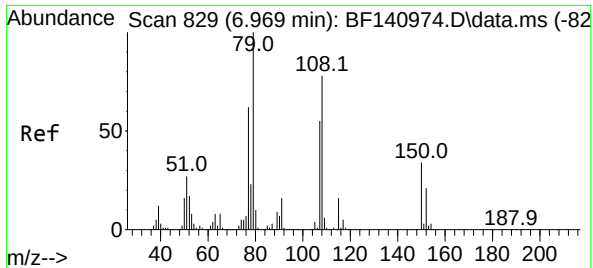
Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

111 46.2 37.3 55.9

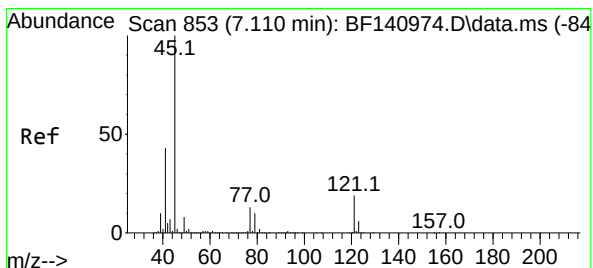
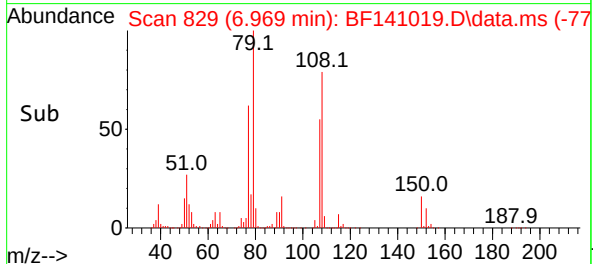
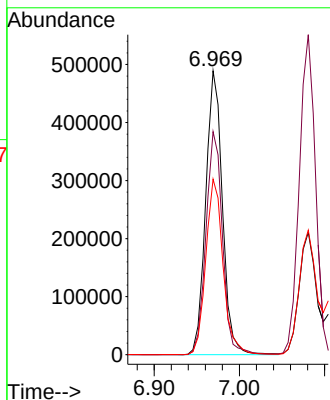
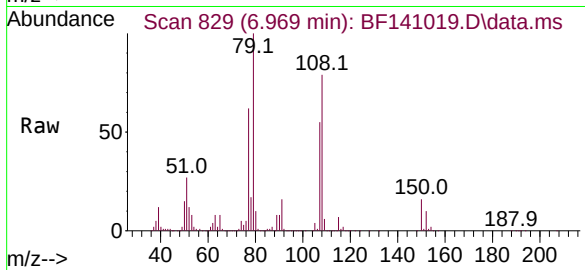




#15
Benzyl Alcohol
Concen: 37.779 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

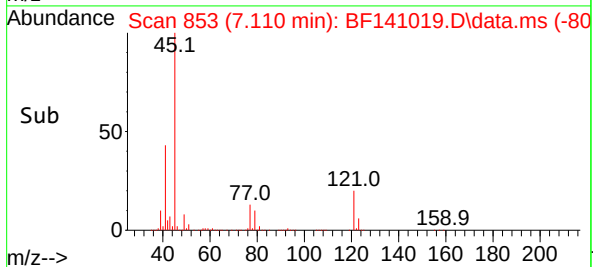
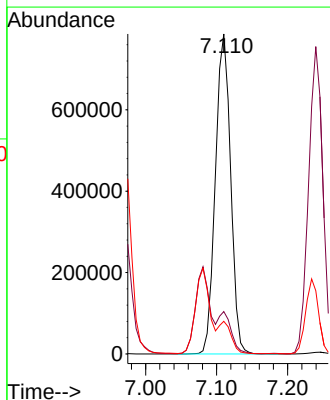
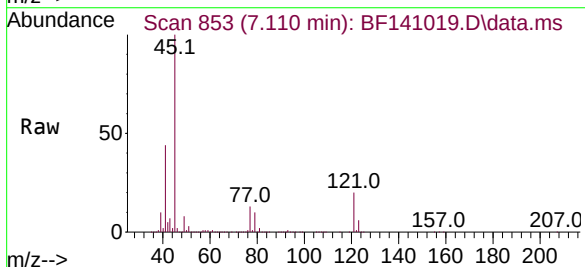
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

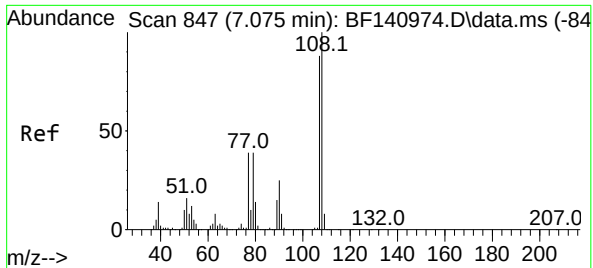
Tgt Ion: 79 Resp: 667713
Ion Ratio Lower Upper
79 100
108 78.6 62.5 93.7
77 61.9 49.3 73.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.528 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 45 Resp: 1165429
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.1
79 10.2 0.0 30.1

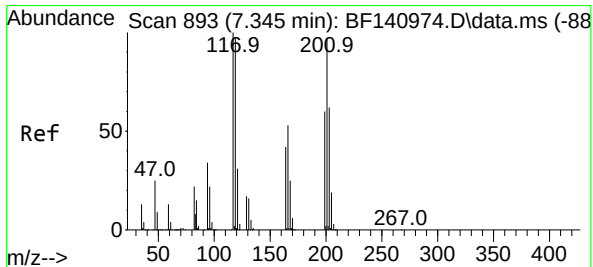
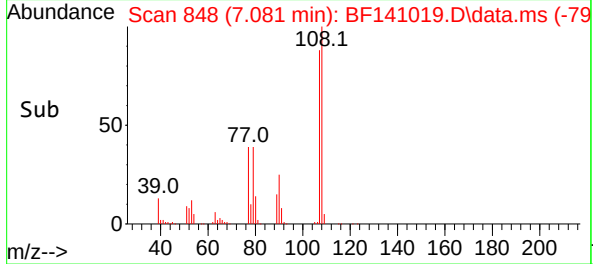
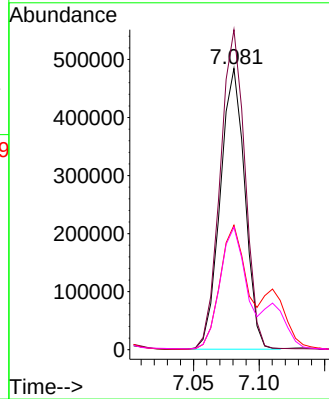
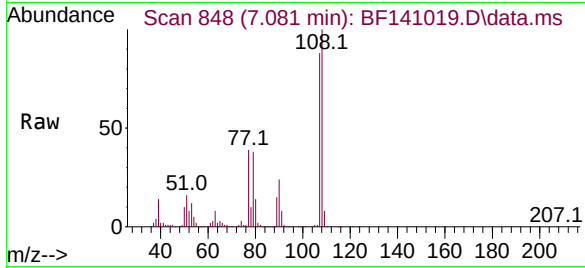




#17
2-Methylphenol
Concen: 37.776 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

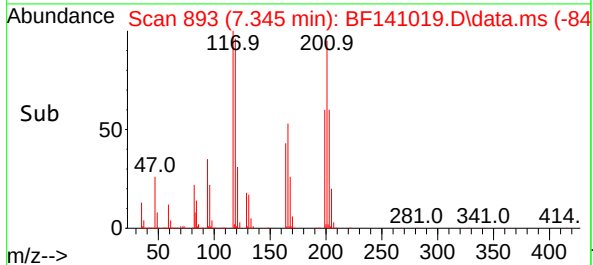
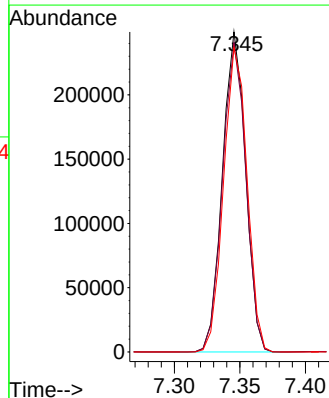
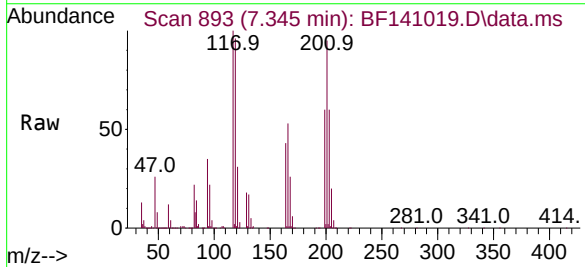
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

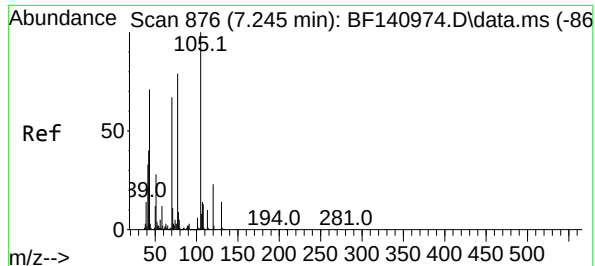
Tgt Ion:107 Resp: 631725
Ion Ratio Lower Upper
107 100
108 113.8 90.6 136.0
77 44.2 35.3 52.9
79 43.5 35.3 52.9



#18
Hexachloroethane
Concen: 38.457 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:117 Resp: 305939
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3
201 95.1 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.891 ng

RT: 7.245 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 555869

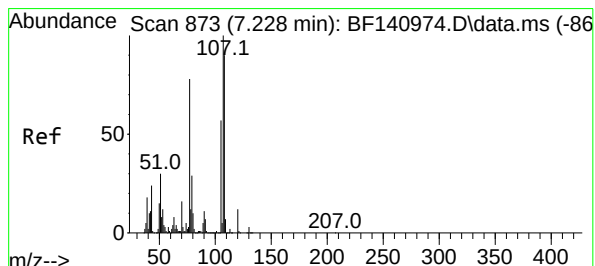
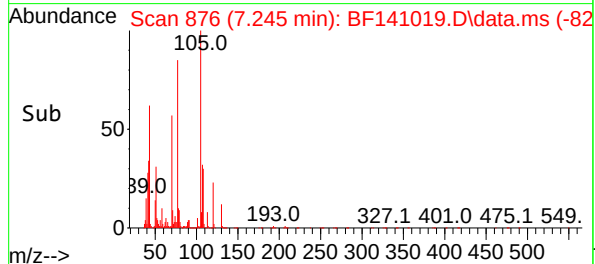
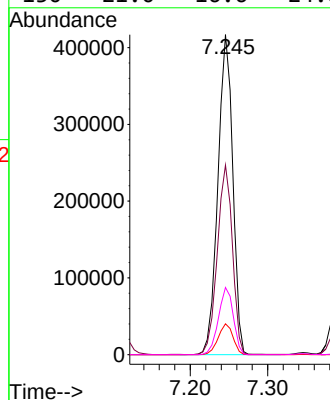
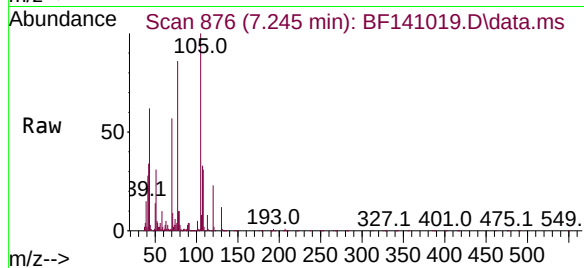
Ion Ratio Lower Upper

70 100

42 59.2 48.1 72.1

101 9.6 7.6 11.4

130 21.0 16.6 24.8



#20

3+4-Methylphenols

Concen: 37.751 ng

RT: 7.234 min Scan# 874

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion: 107 Resp: 798915

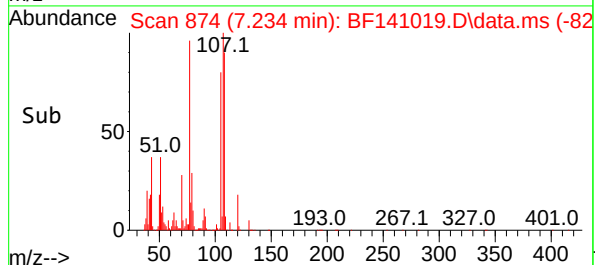
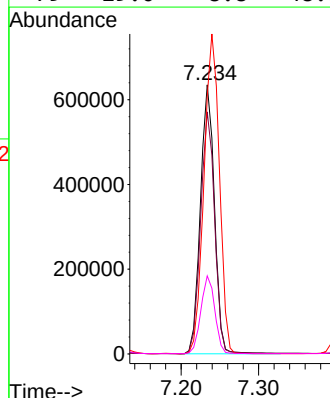
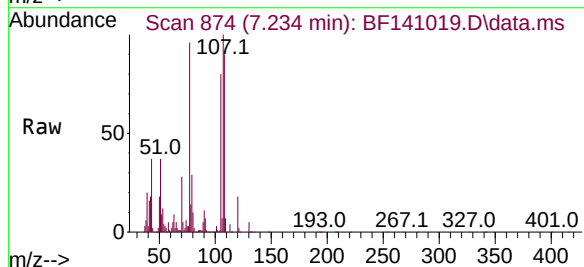
Ion Ratio Lower Upper

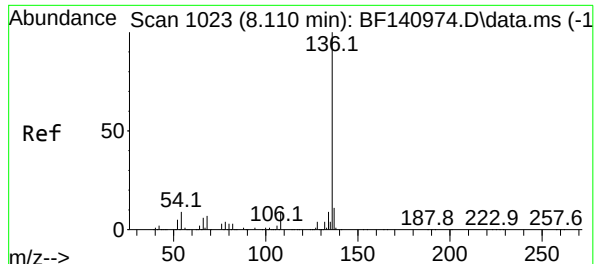
107 100

108 90.0 69.6 109.6

77 95.7 57.6 97.6

79 29.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1120357

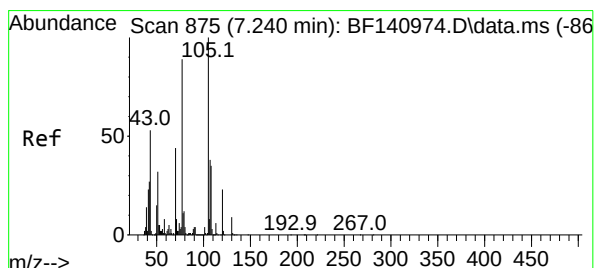
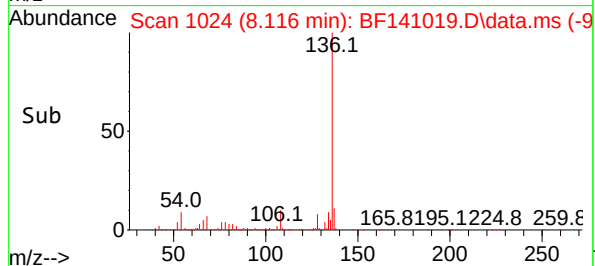
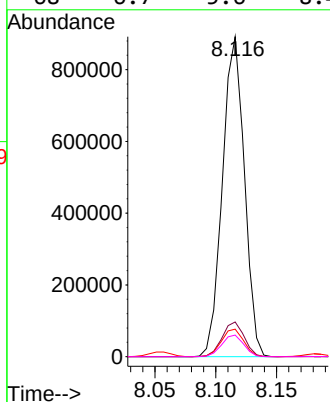
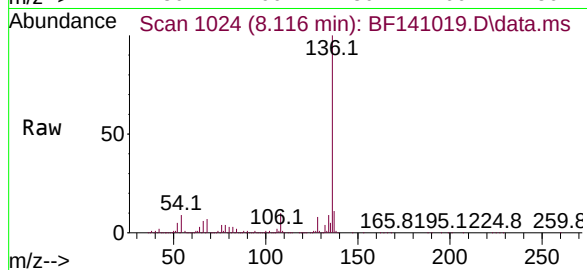
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.6 7.6 11.4

68 6.7 5.6 8.4



#22

Acetophenone

Concen: 37.489 ng

RT: 7.240 min Scan# 875

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion:105 Resp: 1030346

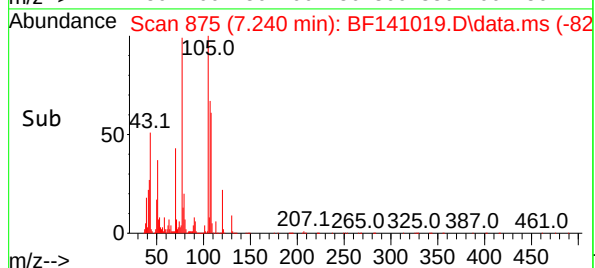
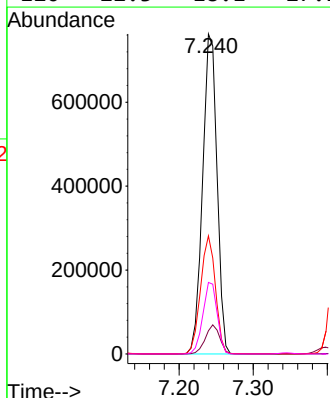
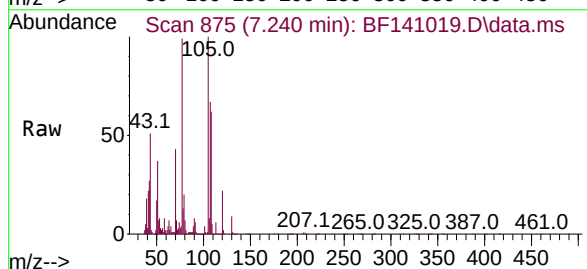
Ion Ratio Lower Upper

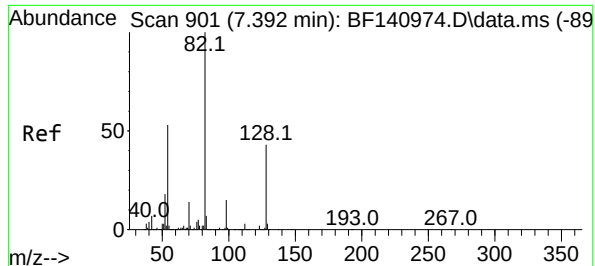
105 100

71 7.2 6.1 9.1

51 36.9 25.8 38.6

120 22.3 18.1 27.1





#23

Nitrobenzene-d5

Concen: 81.066 ng

RT: 7.398 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

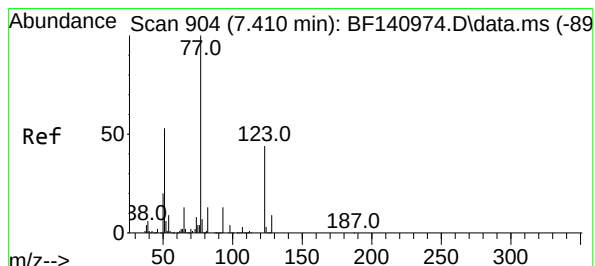
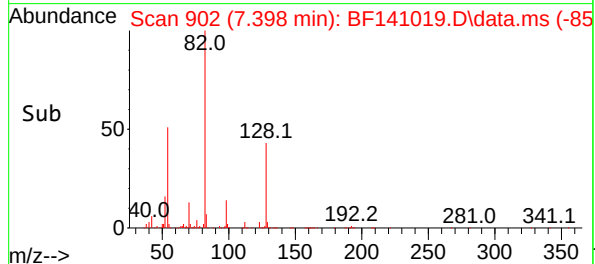
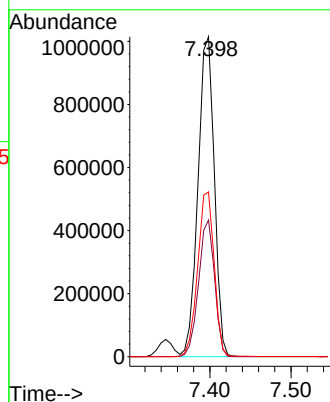
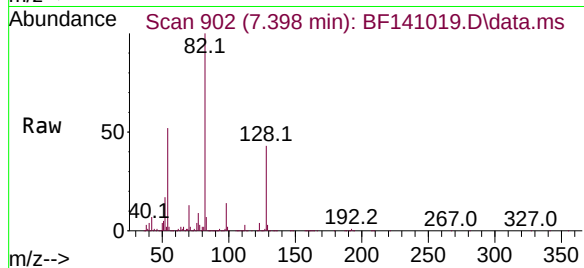
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1419604

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.4	51.6
54	51.5	42.4	63.6



#24

Nitrobenzene

Concen: 39.818 ng

RT: 7.416 min Scan# 905

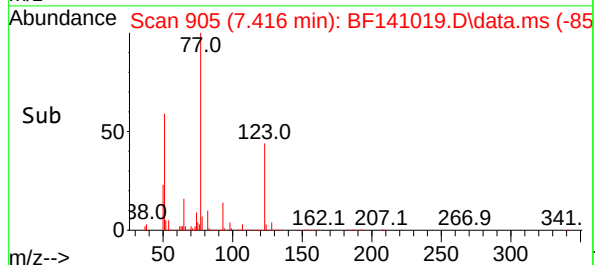
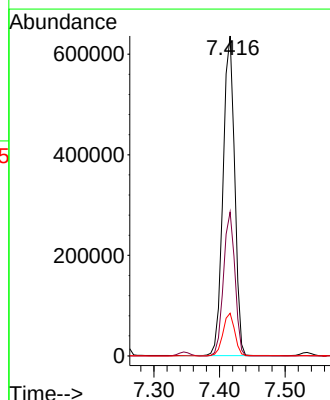
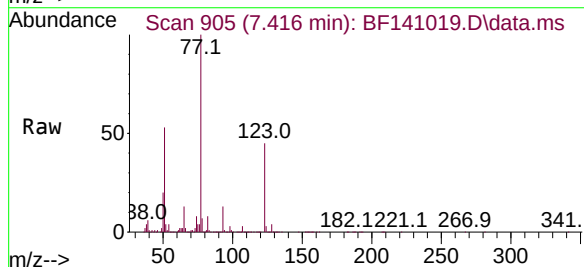
Delta R.T. 0.006 min

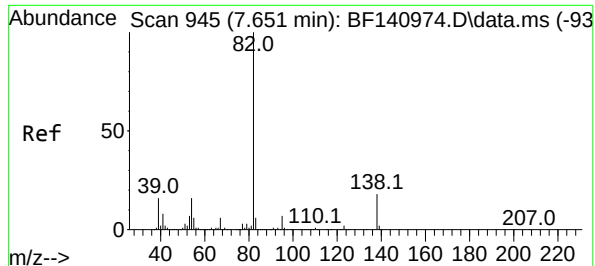
Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion: 77 Resp: 779136

Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.4	53.2
65	13.3	10.7	16.1





#25

Isophorone

Concen: 38.118 ng

RT: 7.651 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

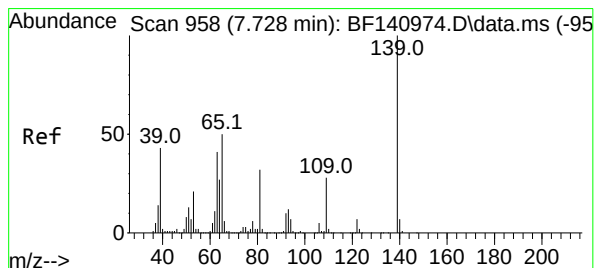
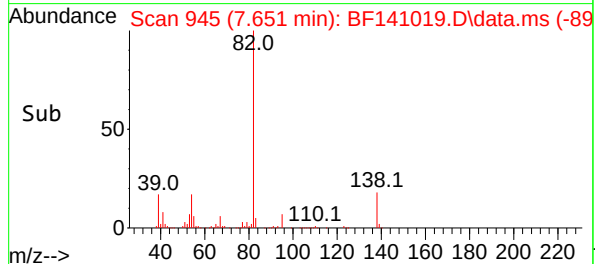
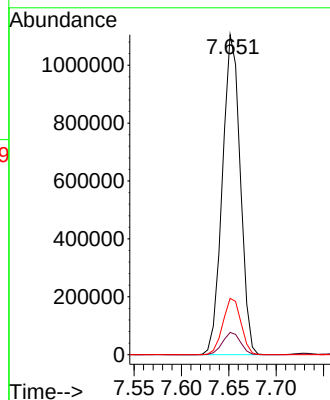
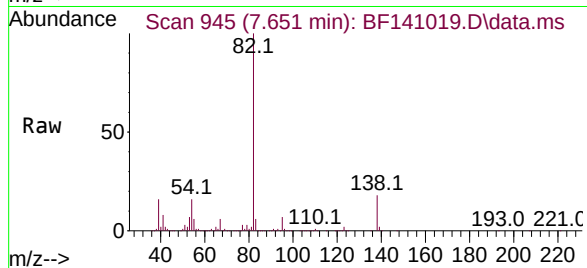
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1452518

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.6	14.6	21.8



#26

2-Nitrophenol

Concen: 36.712 ng

RT: 7.728 min Scan# 958

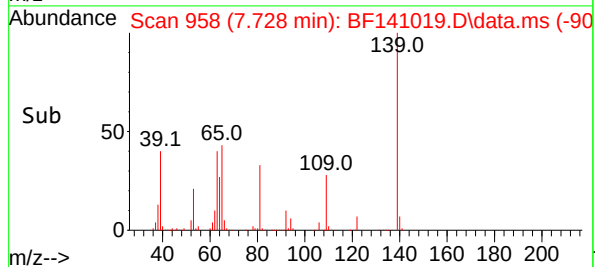
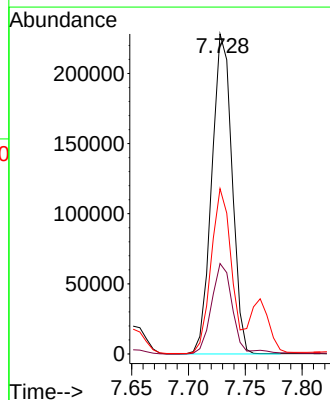
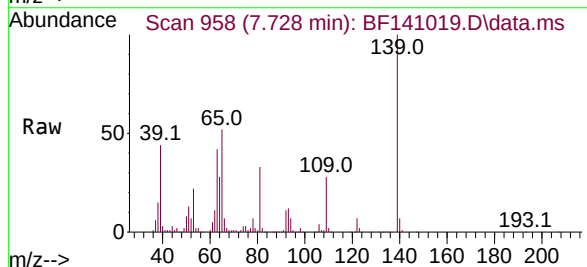
Delta R.T. -0.000 min

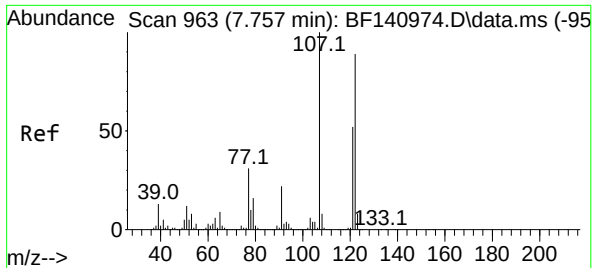
Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion: 139 Resp: 283151

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.2	33.4
65	51.6	40.2	60.4





#27

2,4-Dimethylphenol

Concen: 37.492 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

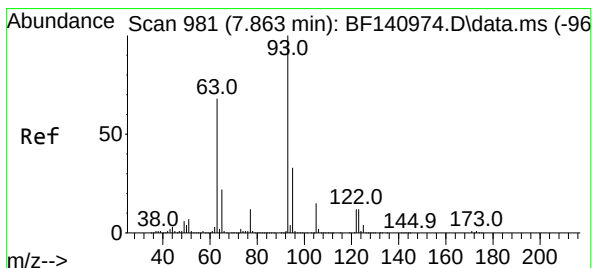
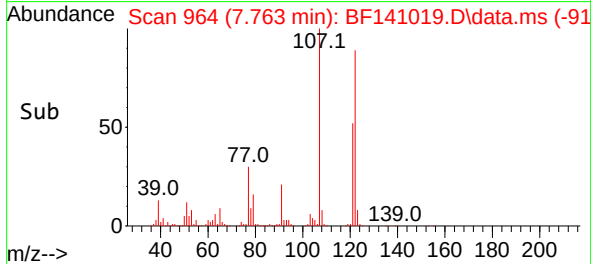
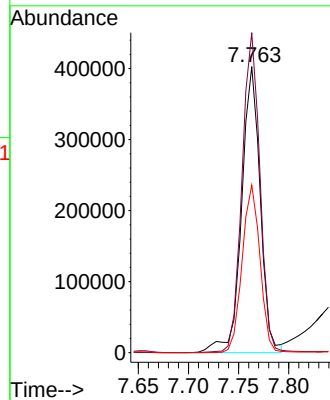
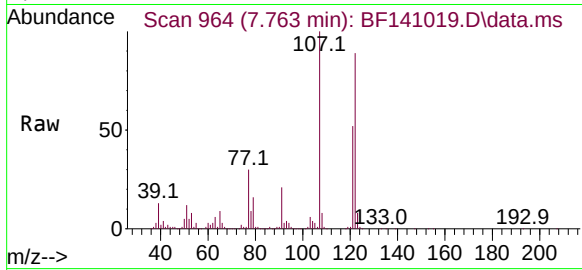
Tgt Ion:122 Resp: 522137

Ion Ratio Lower Upper

122 100

107 111.9 89.4 134.2

121 58.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.280 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

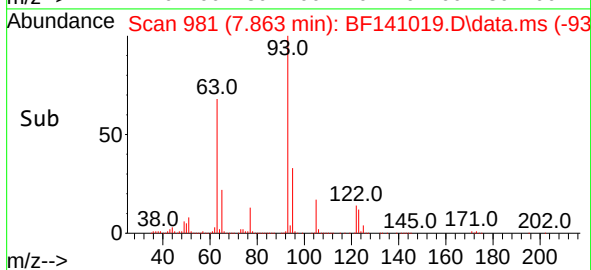
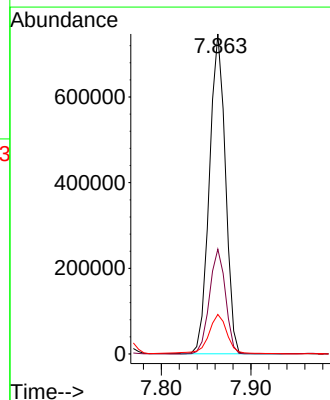
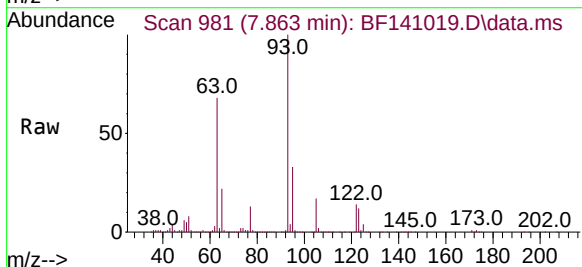
Tgt Ion: 93 Resp: 924219

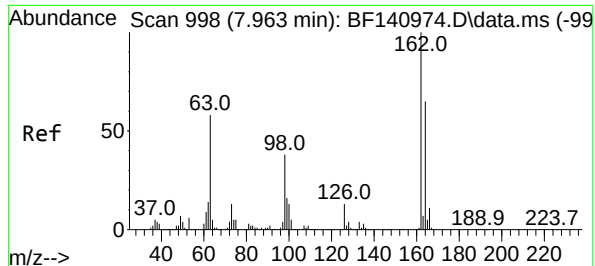
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.219 ng

RT: 7.969 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

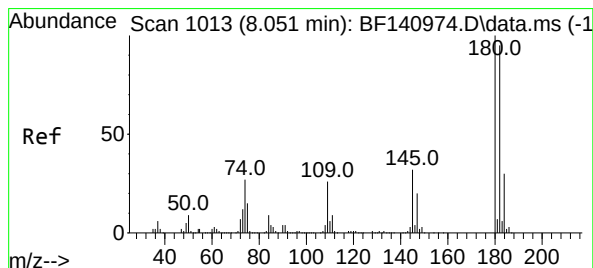
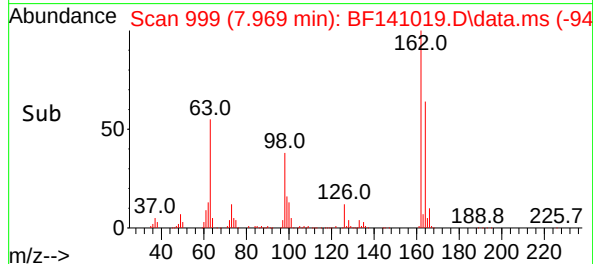
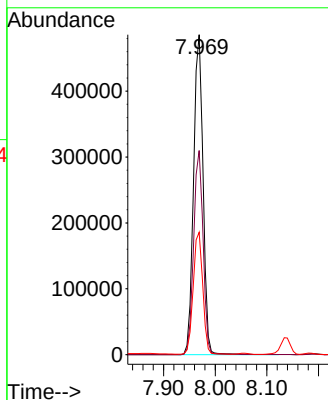
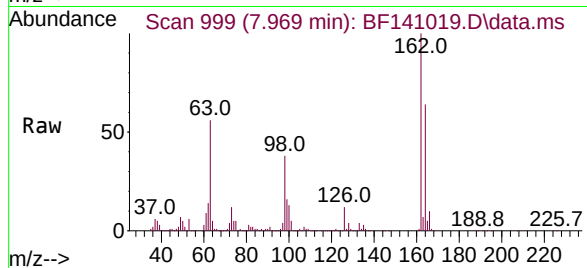
Tgt Ion:162 Resp: 619461

Ion Ratio Lower Upper

162 100

164 63.8 44.8 84.8

98 38.2 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.454 ng

RT: 8.057 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

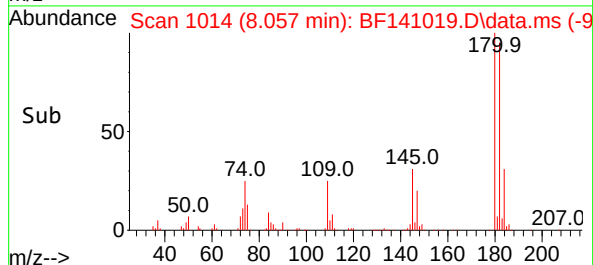
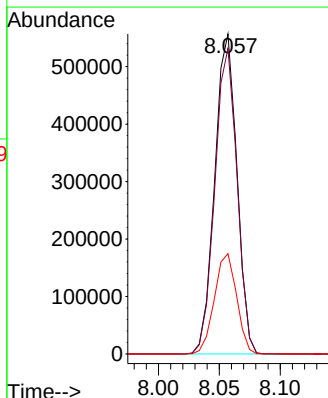
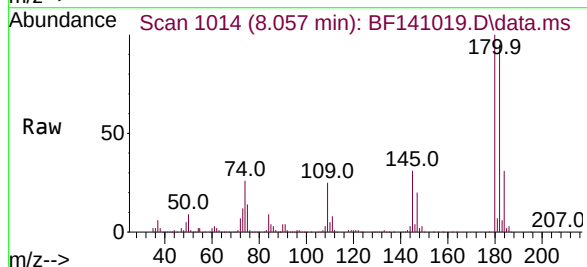
Tgt Ion:180 Resp: 705338

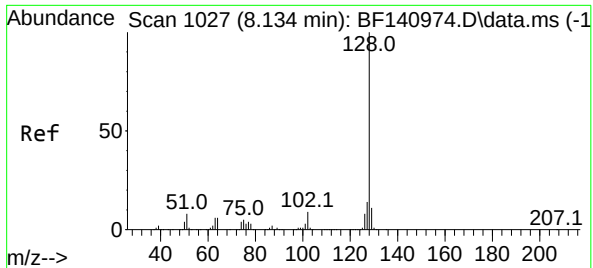
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.4

145 31.3 25.4 38.2

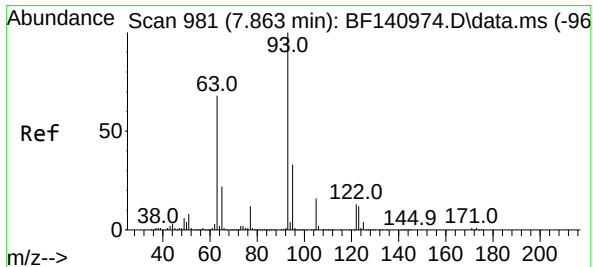
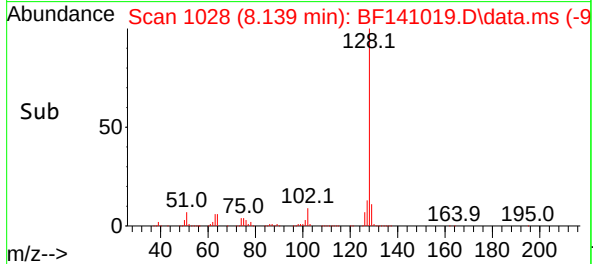
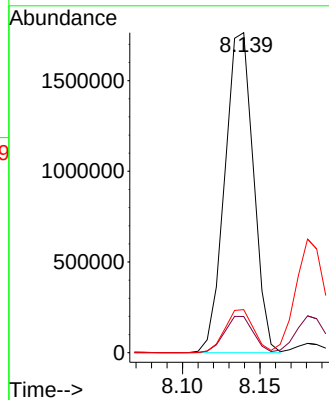
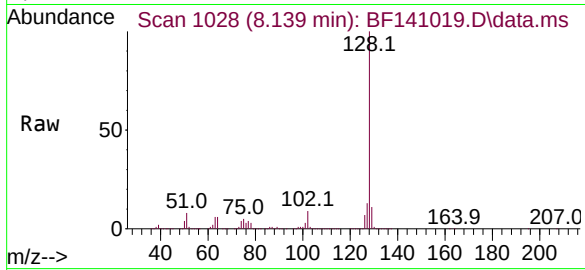




#31
Naphthalene
Concen: 38.378 ng
RT: 8.139 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

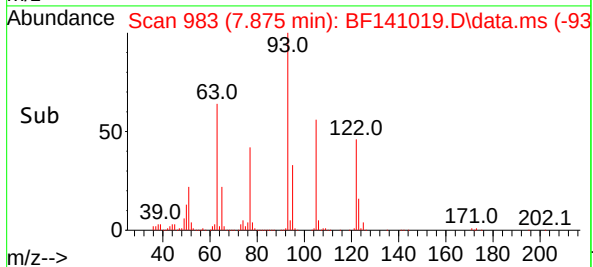
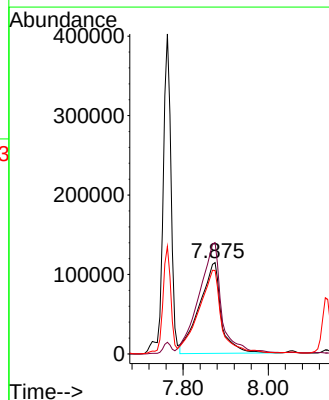
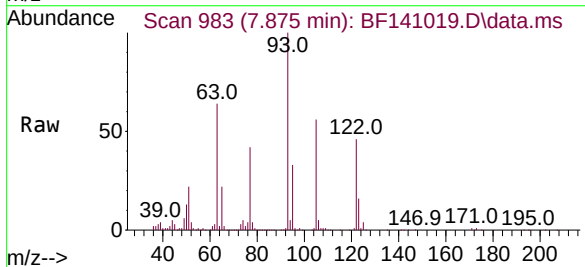
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

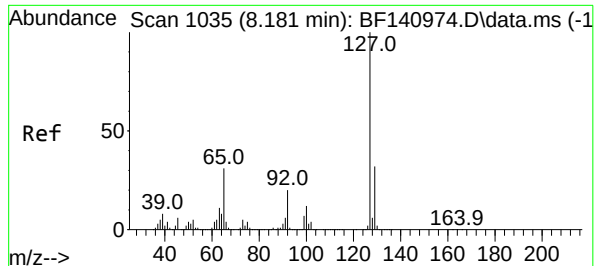
Tgt Ion:128 Resp: 2265686
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 37.509 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:122 Resp: 406940
Ion Ratio Lower Upper
122 100
105 121.9 105.4 145.4
77 91.3 76.4 116.4





#33

4-Chloroaniline

Concen: 37.974 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 811033

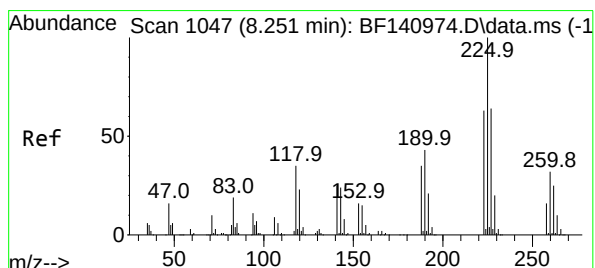
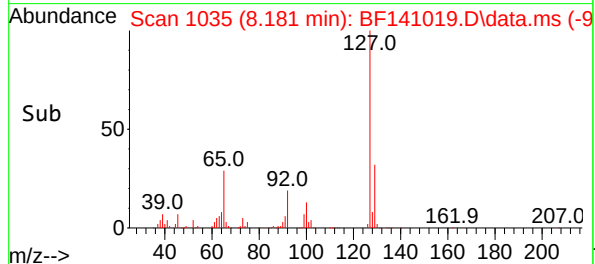
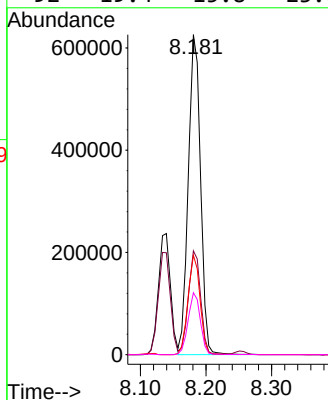
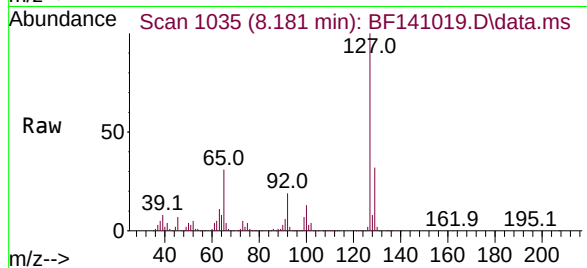
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 31.1 24.6 37.0

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.695 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

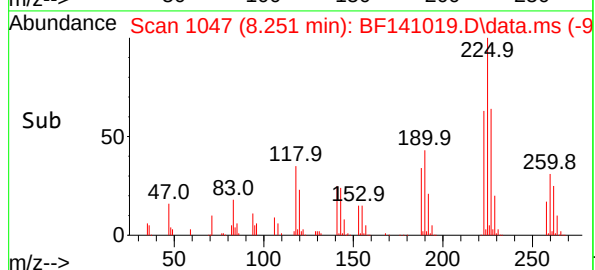
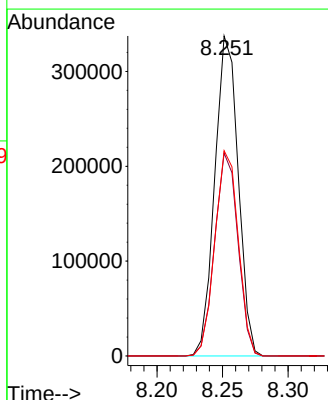
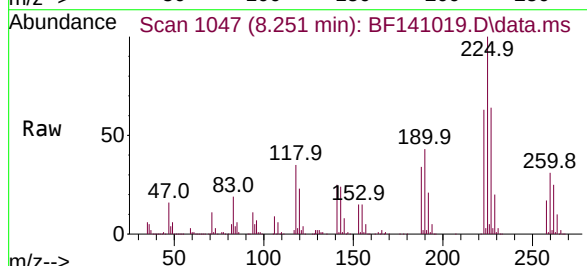
Tgt Ion:225 Resp: 418359

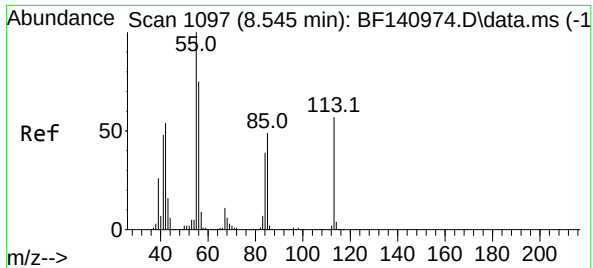
Ion Ratio Lower Upper

225 100

223 63.4 50.3 75.5

227 64.1 50.8 76.2





#35

Caprolactam

Concen: 37.147 ng

RT: 8.551 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

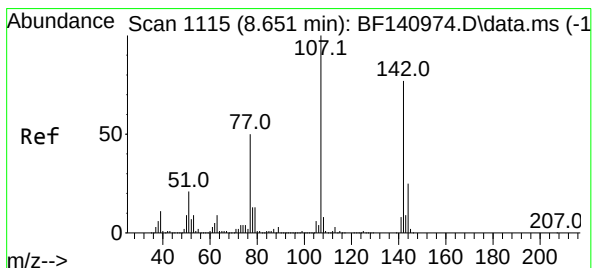
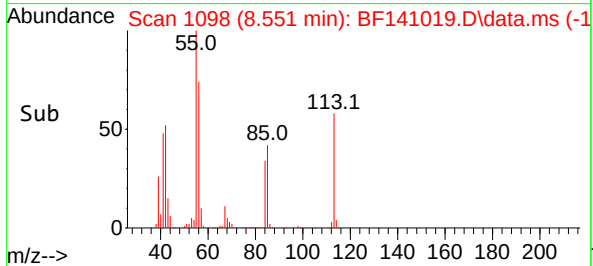
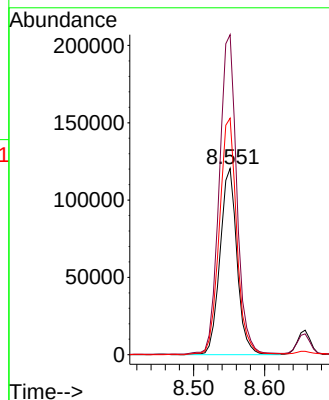
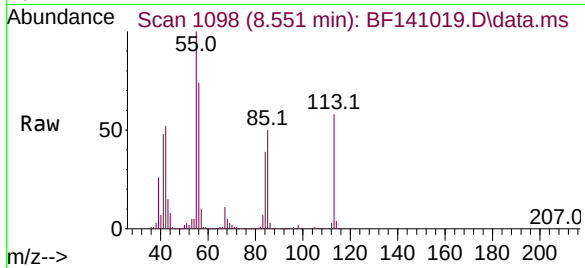
Tgt Ion:113 Resp: 199464

Ion Ratio Lower Upper

113 100

55 171.8 156.6 196.6

56 127.0 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 38.337 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

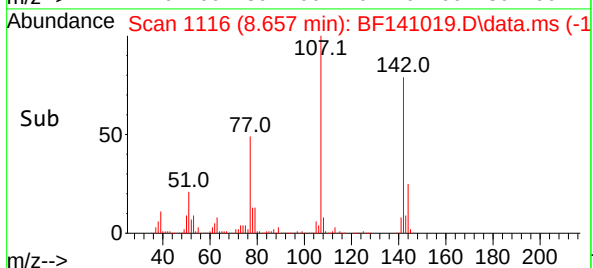
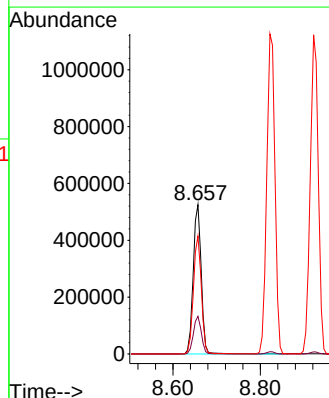
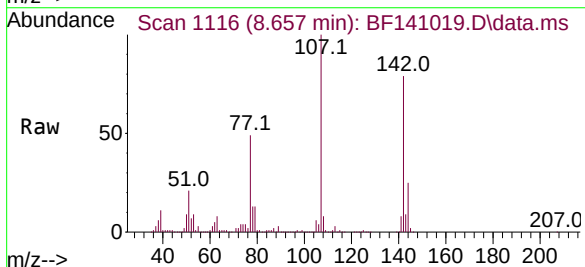
Tgt Ion:107 Resp: 672479

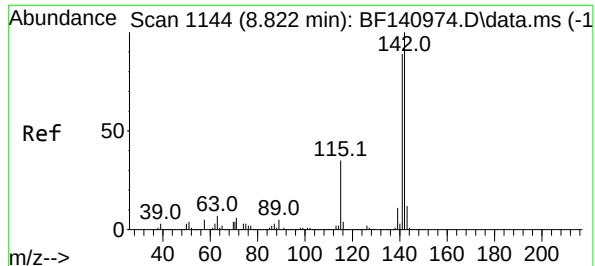
Ion Ratio Lower Upper

107 100

144 25.2 19.9 29.9

142 79.0 61.8 92.8





#37

2-Methylnaphthalene

Concen: 38.350 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

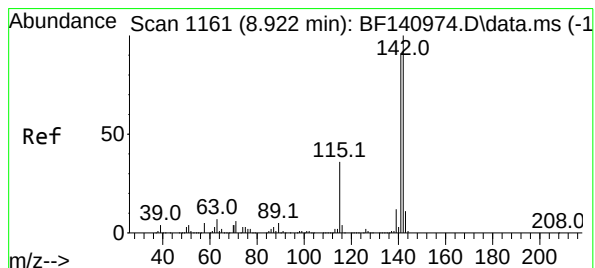
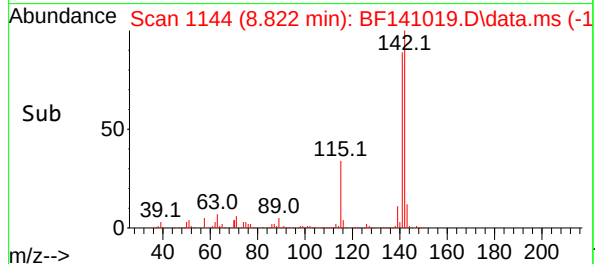
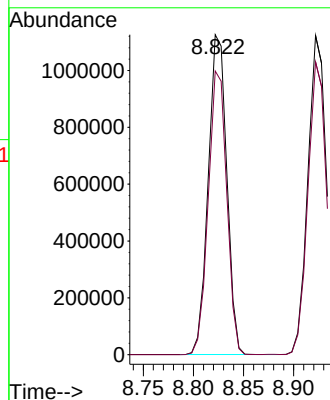
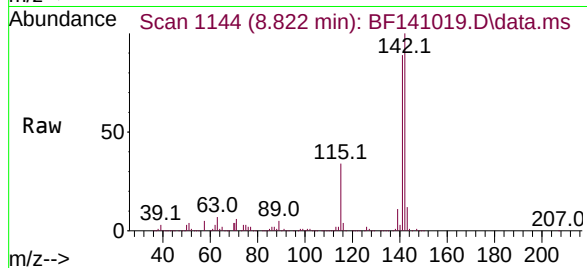
SSTDCCC040

Tgt Ion:142 Resp: 1448371

Ion Ratio Lower Upper

142 100

141 88.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.433 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141019.D

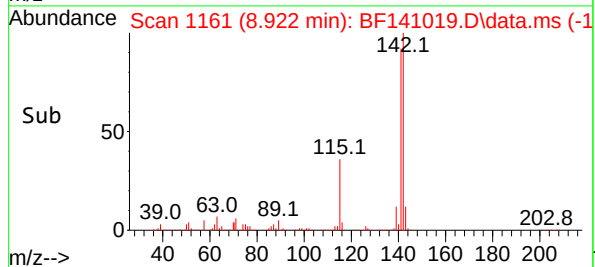
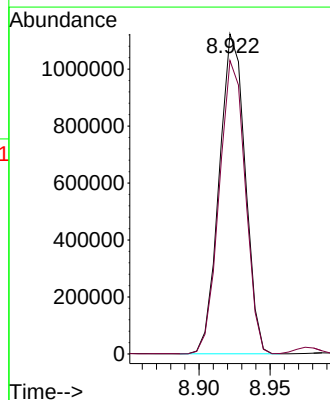
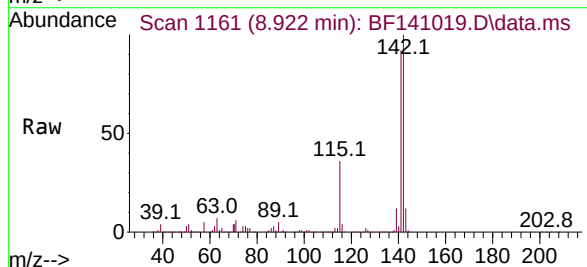
Acq: 30 Dec 2024 09:24

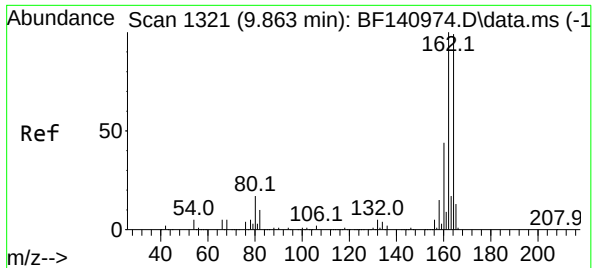
Tgt Ion:142 Resp: 1426512

Ion Ratio Lower Upper

142 100

141 91.7 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

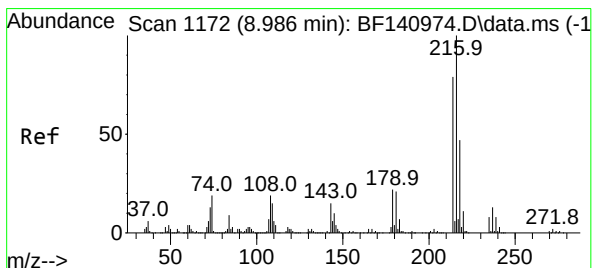
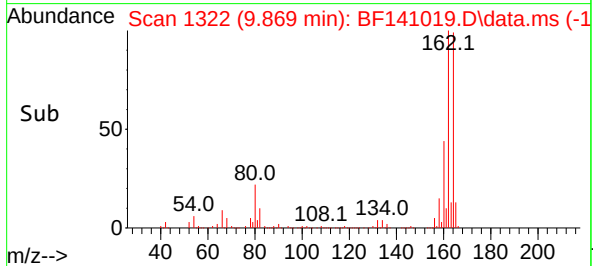
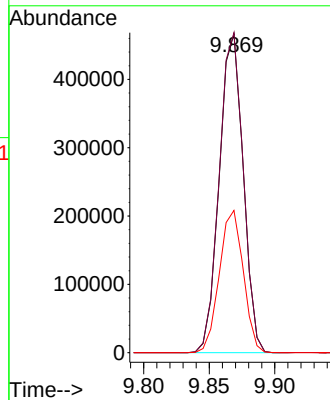
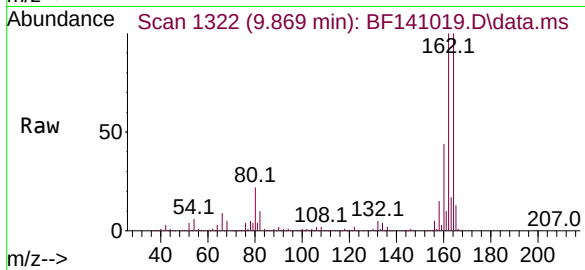
Tgt Ion:164 Resp: 589913

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.264 ng

RT: 8.992 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion:216 Resp: 653460

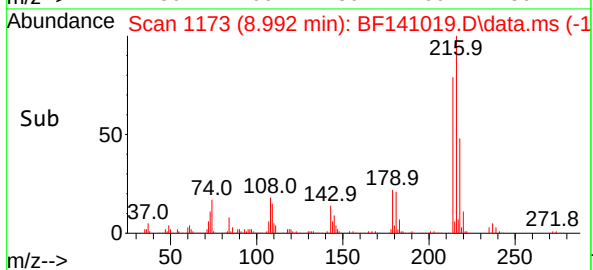
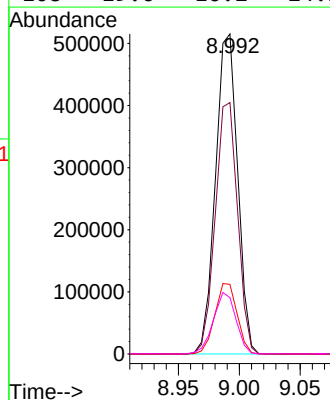
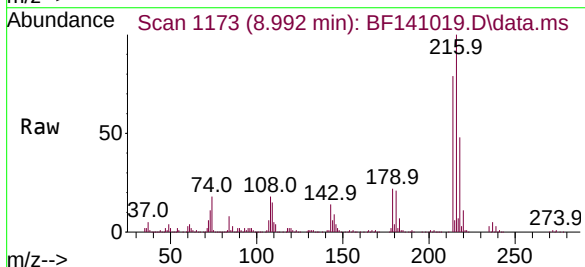
Ion Ratio Lower Upper

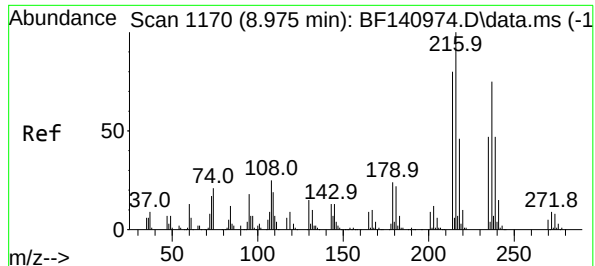
216 100

214 79.0 63.0 94.6

179 22.1 17.9 26.9

108 19.6 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 38.997 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

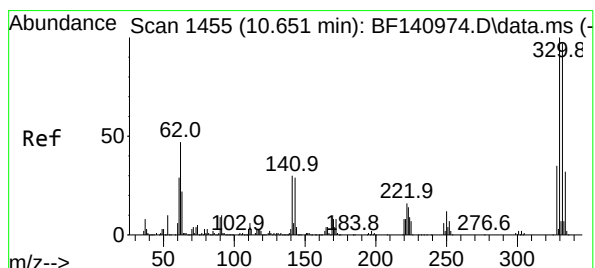
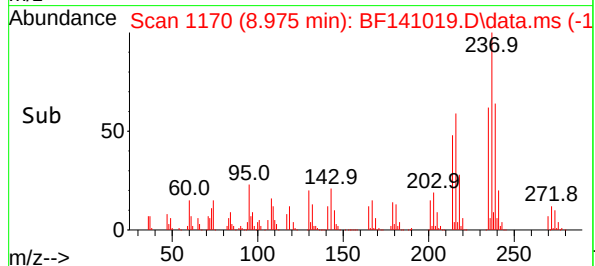
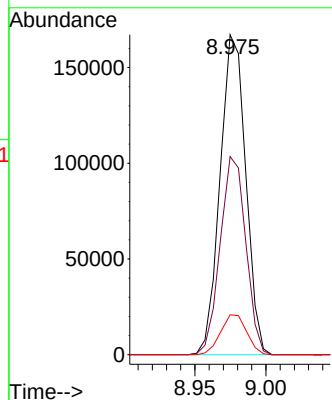
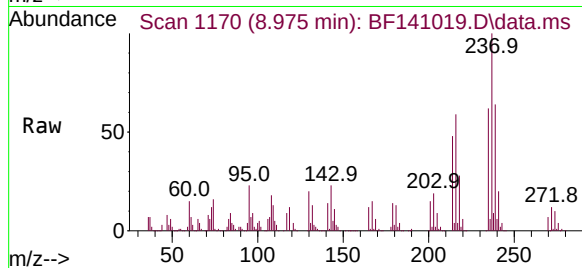
Tgt Ion:237 Resp: 209732

Ion Ratio Lower Upper

237 100

235 61.9 43.4 83.4

272 12.4 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 80.910 ng

RT: 10.657 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

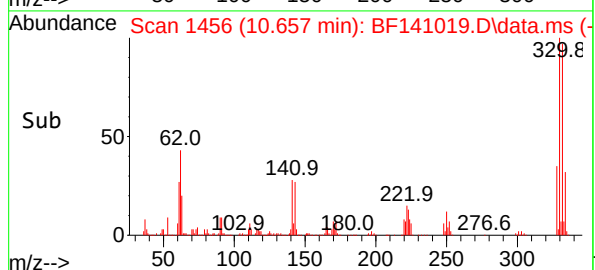
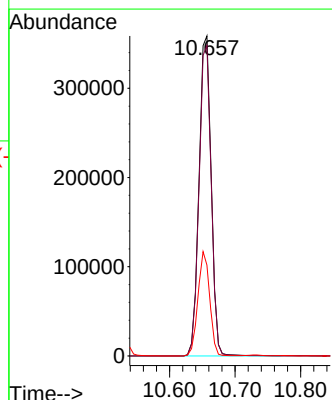
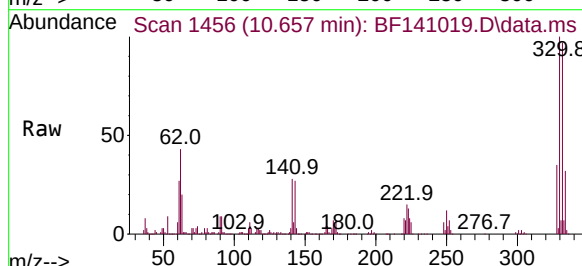
Tgt Ion:330 Resp: 463792

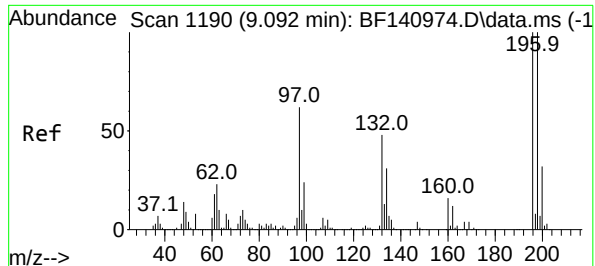
Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 31.6 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 39.216 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

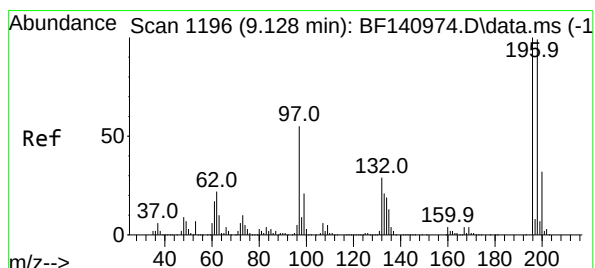
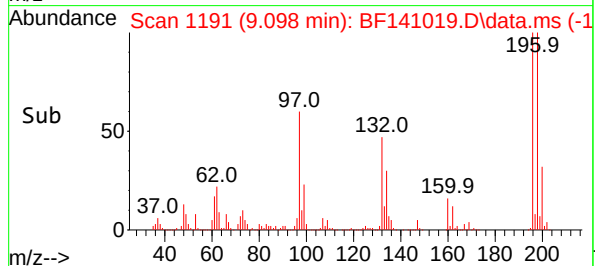
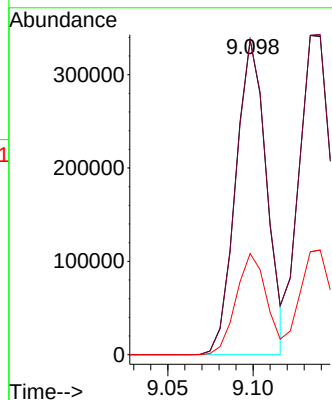
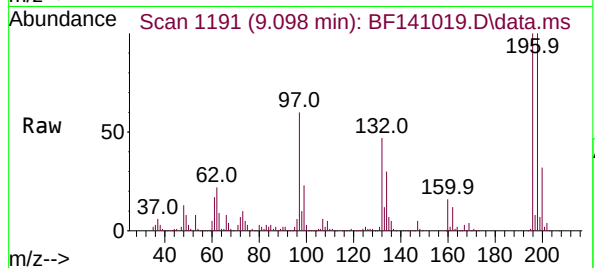
Tgt Ion:196 Resp: 423585

Ion Ratio Lower Upper

196 100

198 99.8 80.2 120.4

200 32.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 41.049 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion:196 Resp: 453675

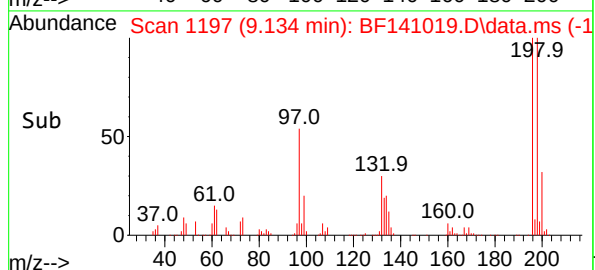
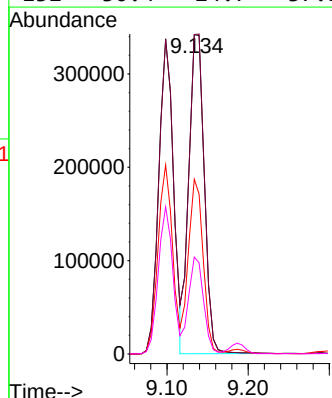
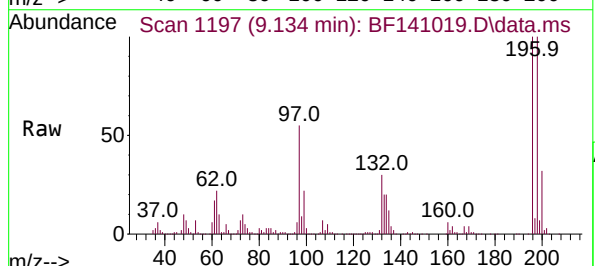
Ion Ratio Lower Upper

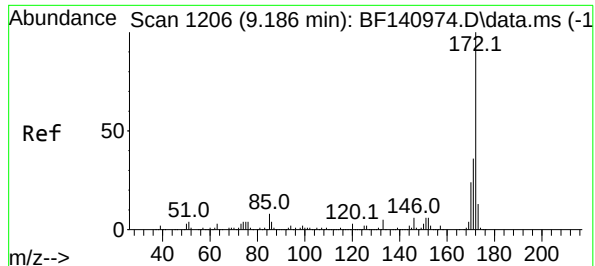
196 100

198 100.0 79.9 119.9

97 54.7 44.3 66.5

132 30.4 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 76.589 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

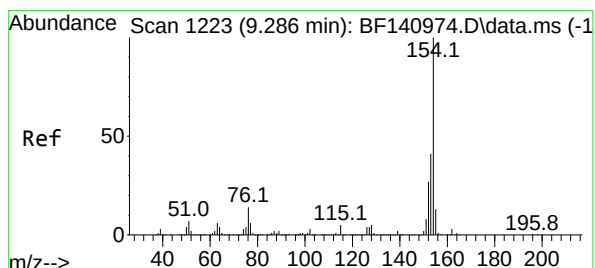
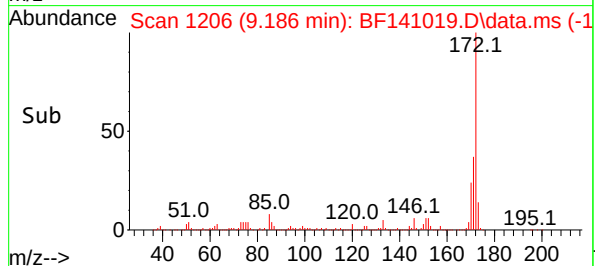
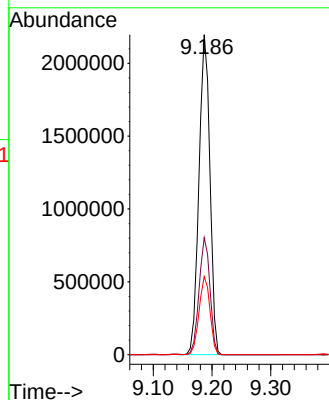
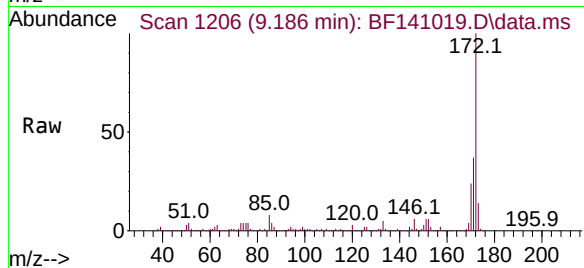
Tgt Ion:172 Resp: 2835781

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

170 24.4 19.6 29.4



#46

1,1'-Biphenyl

Concen: 39.429 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

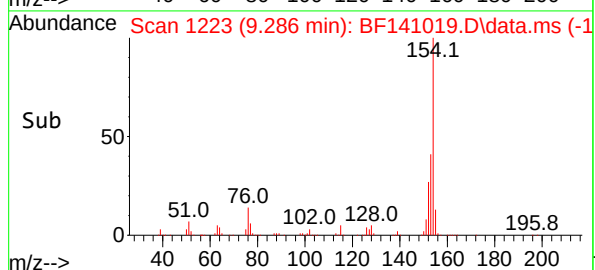
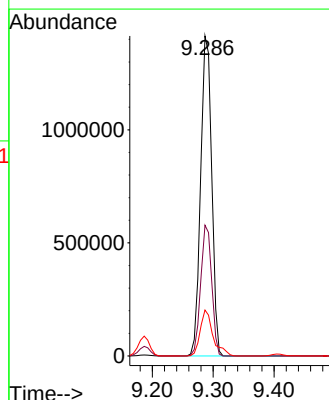
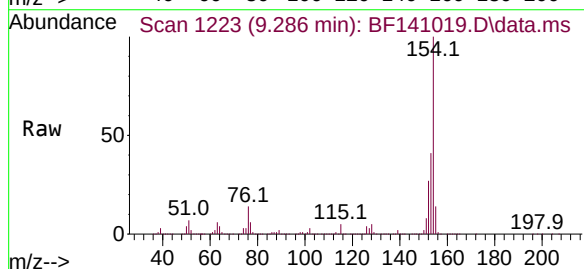
Tgt Ion:154 Resp: 1780971

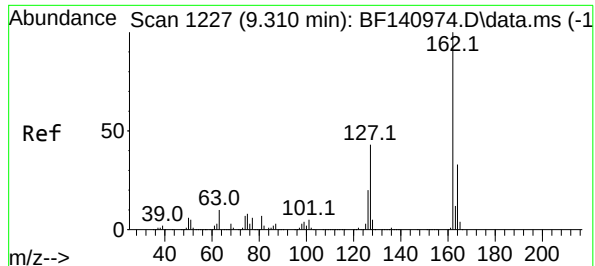
Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.221 ng

RT: 9.316 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

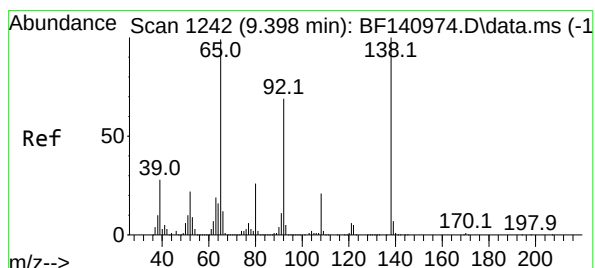
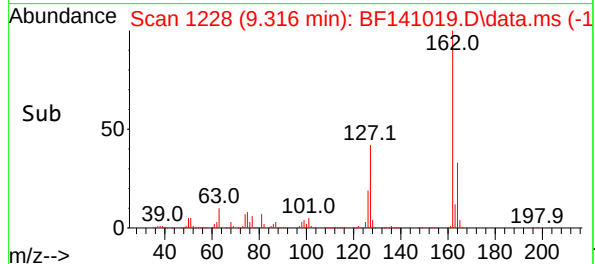
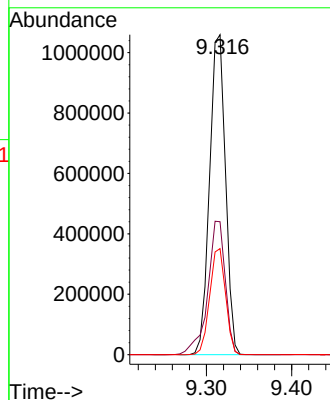
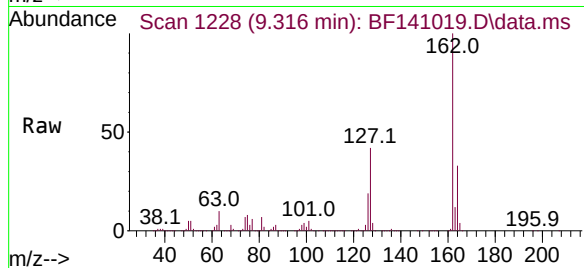
Tgt Ion:162 Resp: 1373992

Ion Ratio Lower Upper

162 100

127 41.5 34.2 51.4

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 37.660 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

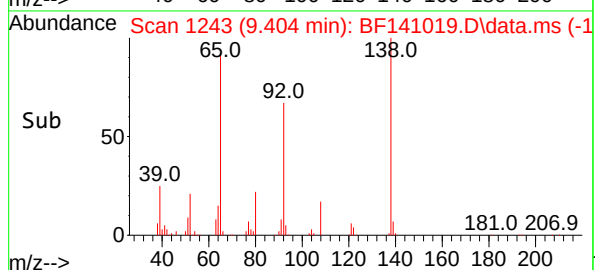
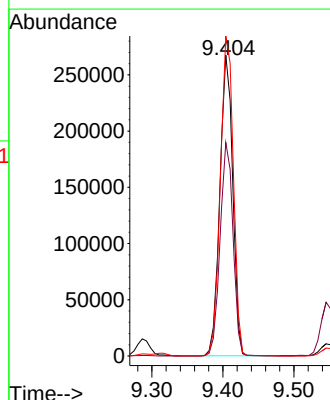
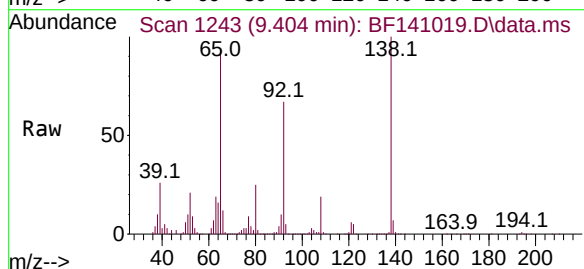
Tgt Ion: 65 Resp: 334984

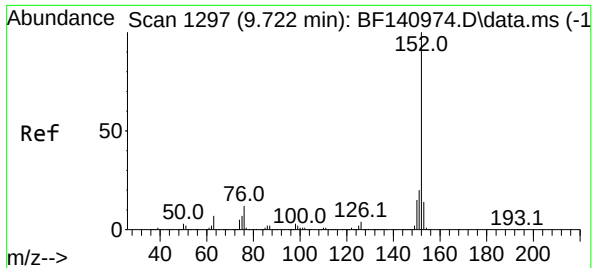
Ion Ratio Lower Upper

65 100

92 70.9 55.6 83.4

138 106.4 80.5 120.7





#49

Acenaphthylene

Concen: 38.219 ng

RT: 9.728 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

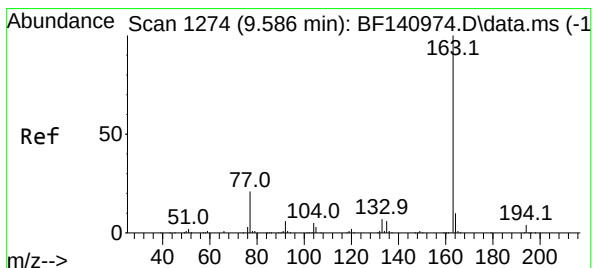
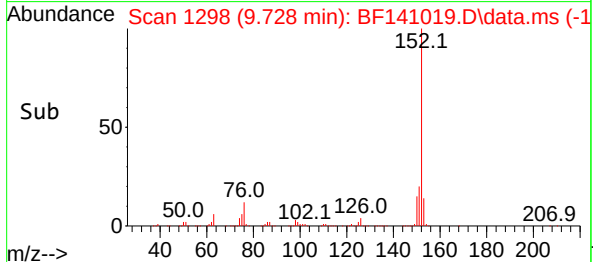
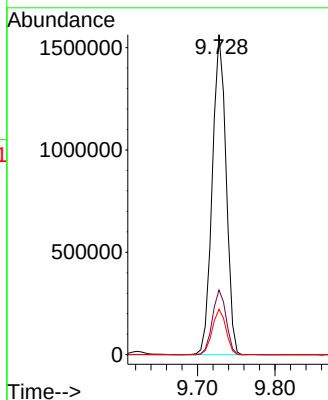
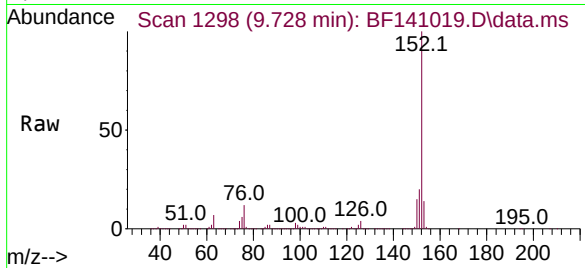
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1927381

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	14.2	11.4	17.0



#50

Dimethylphthalate

Concen: 38.828 ng

RT: 9.586 min Scan# 1274

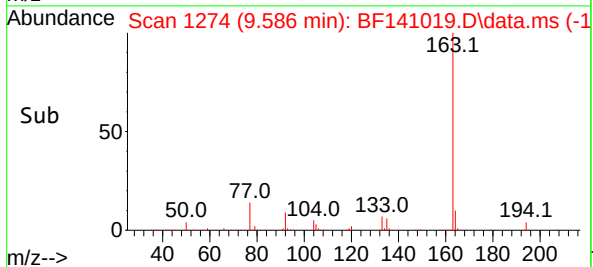
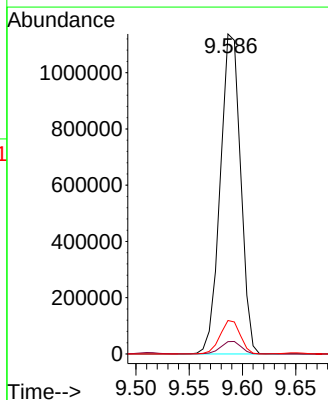
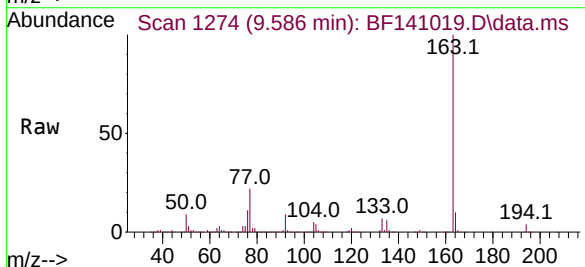
Delta R.T. 0.000 min

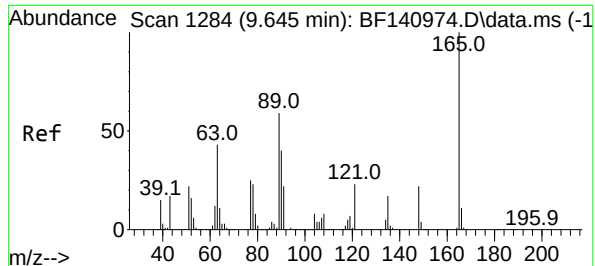
Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion:163 Resp: 1506626

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.5	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 37.873 ng

RT: 9.651 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

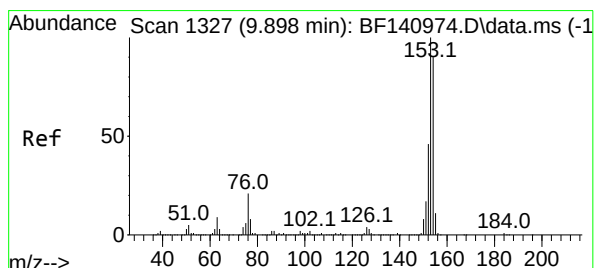
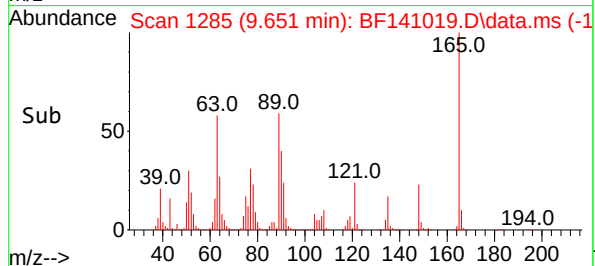
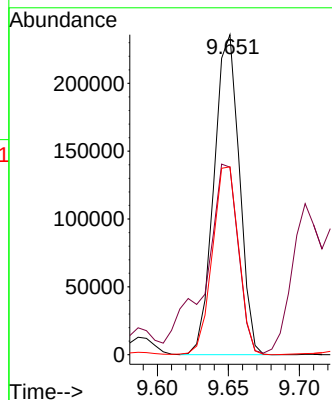
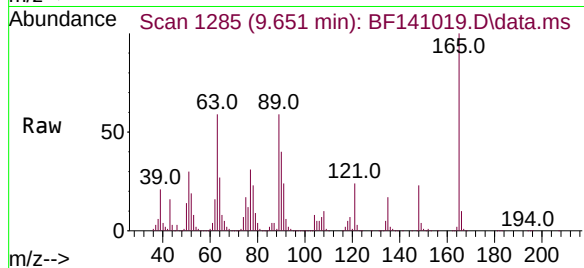
Tgt Ion:165 Resp: 293090

Ion Ratio Lower Upper

165 100

63 58.6 47.1 70.7

89 58.7 47.0 70.4



#52

Acenaphthene

Concen: 38.800 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

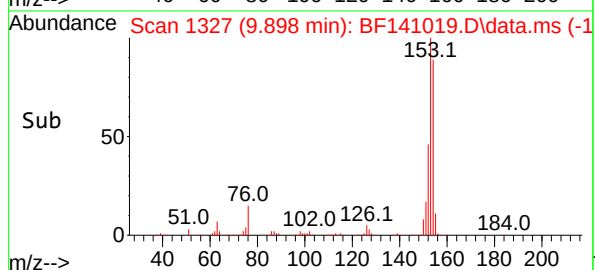
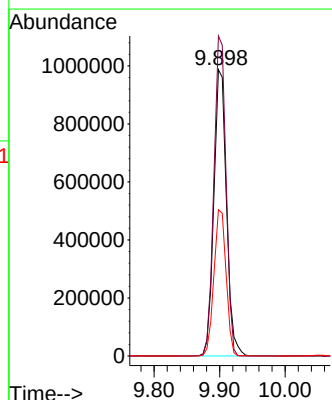
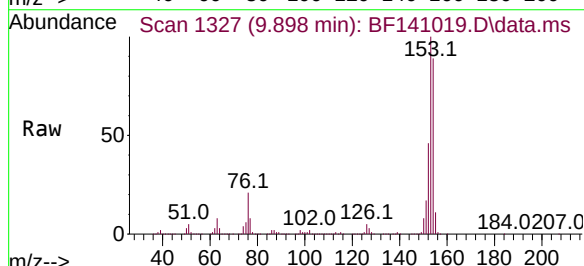
Tgt Ion:154 Resp: 1322805

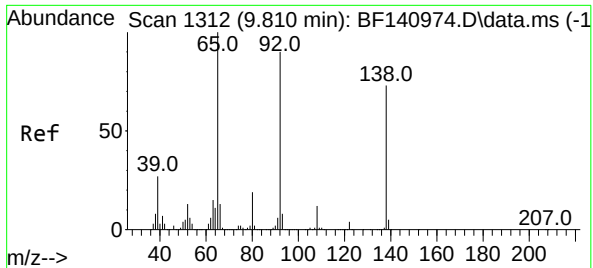
Ion Ratio Lower Upper

154 100

153 111.8 89.2 133.8

152 51.1 40.9 61.3

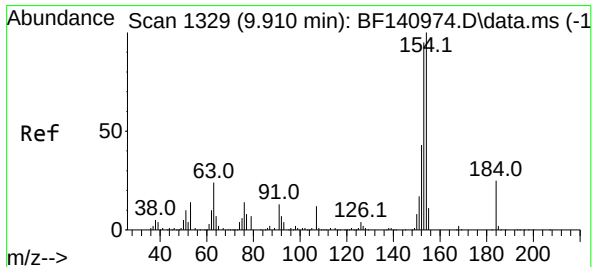
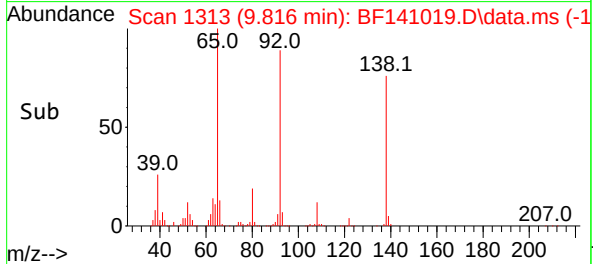
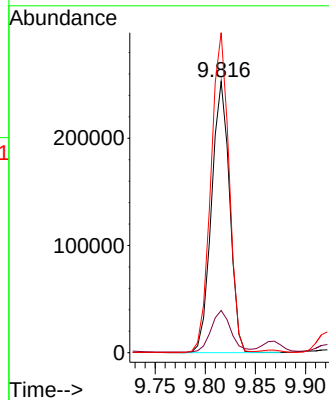
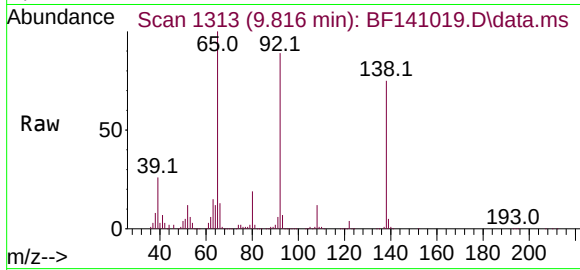




#53
3-Nitroaniline
Concen: 37.526 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

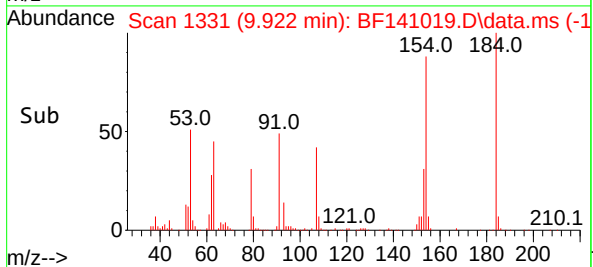
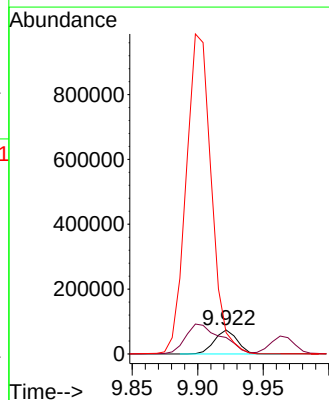
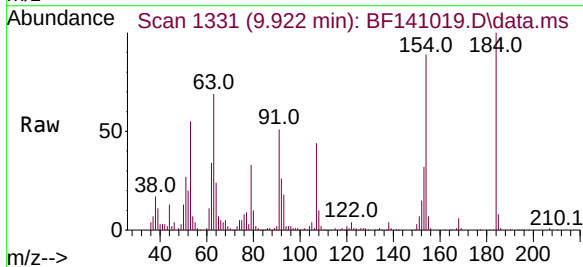
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

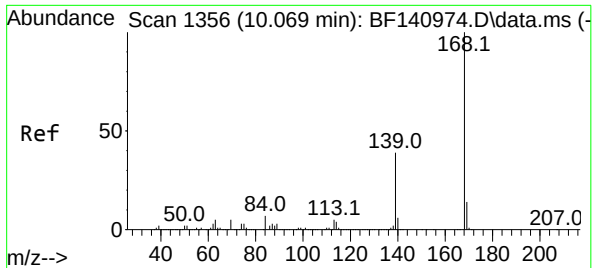
Tgt Ion:138 Resp: 316358
Ion Ratio Lower Upper
138 100
108 15.6 13.5 20.3
92 118.0 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 39.273 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:184 Resp: 89470
Ion Ratio Lower Upper
184 100
63 69.0 81.6 122.4#
154 88.6 363.5 545.3#





#55

Dibenzofuran

Concen: 38.768 ng

RT: 10.075 min Scan# 1357

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

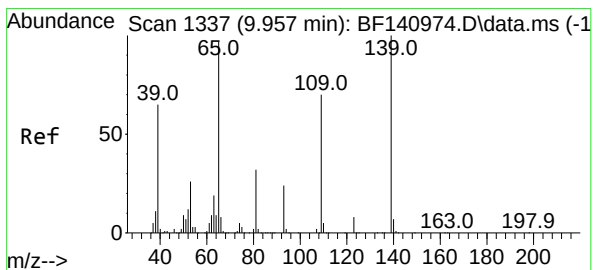
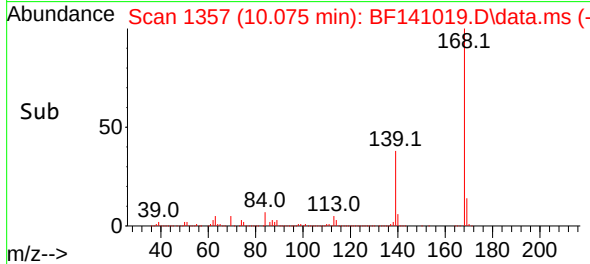
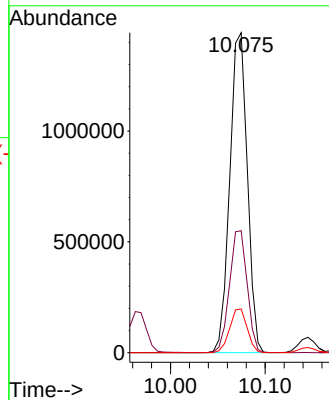
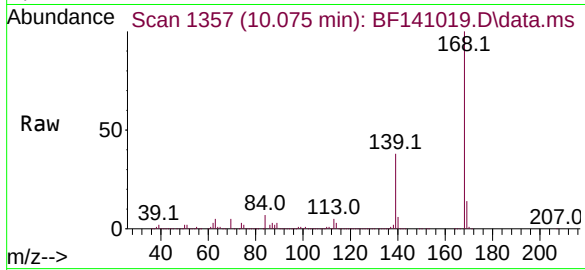
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 1857502

Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.6	47.4
169	13.6	11.0	16.6



#56

4-Nitrophenol

Concen: 36.820 ng

RT: 9.963 min Scan# 1338

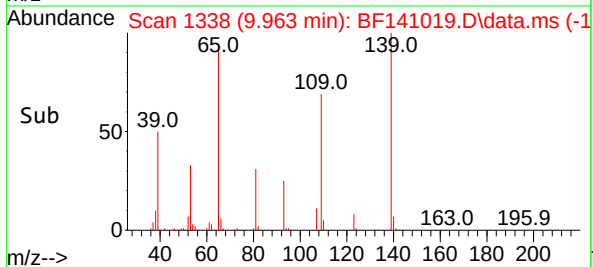
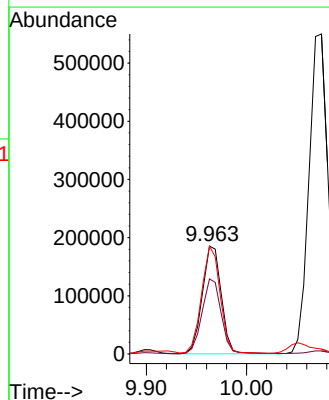
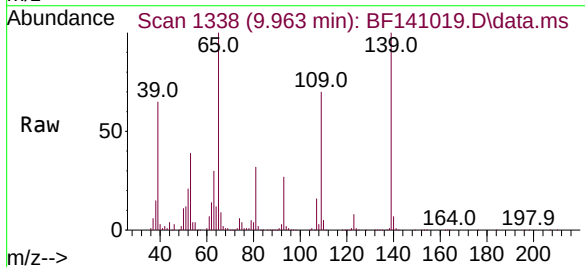
Delta R.T. 0.006 min

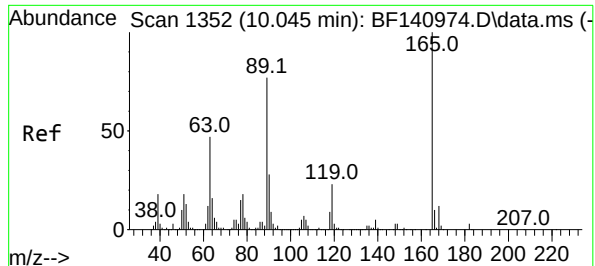
Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion:139 Resp: 244391

Ion	Ratio	Lower	Upper
139	100		
109	69.7	50.8	90.8
65	99.9	78.5	118.5

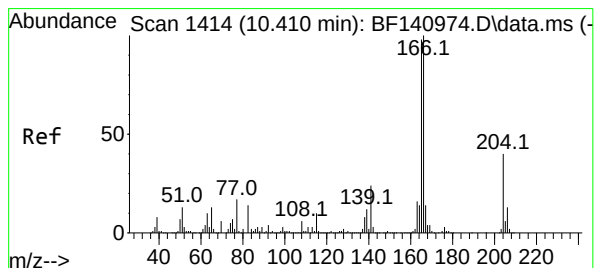
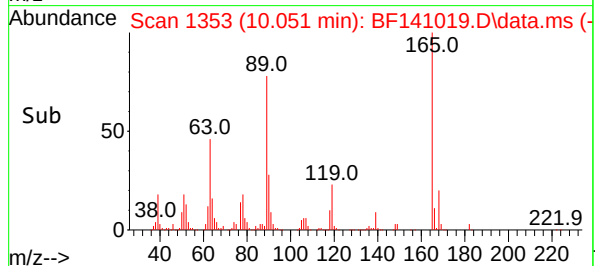
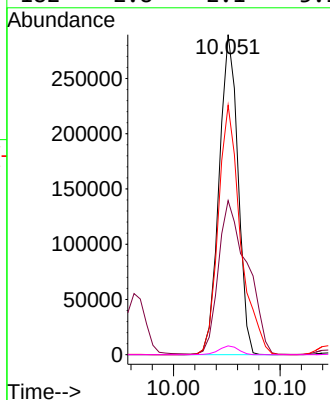
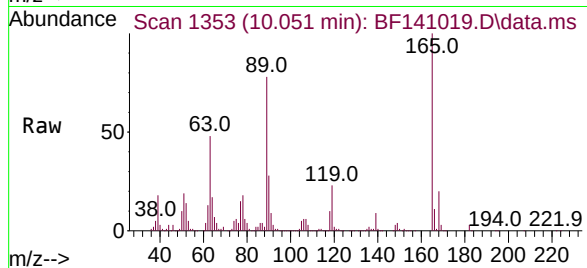




#57
2,4-Dinitrotoluene
Concen: 37.740 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

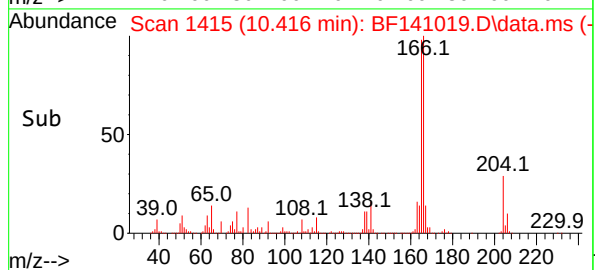
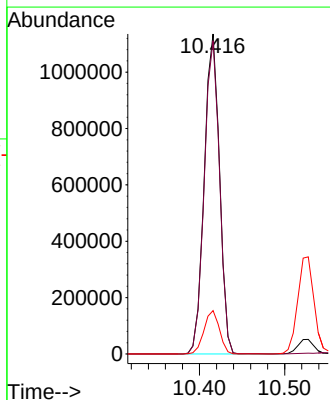
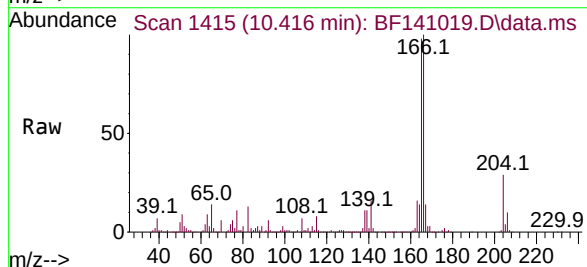
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

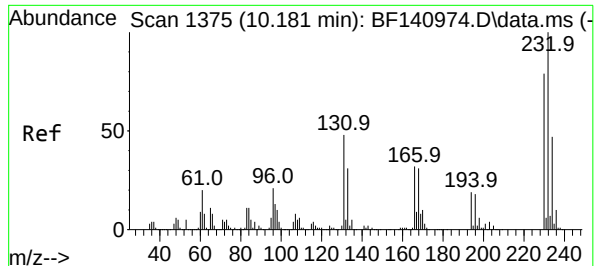
Tgt Ion:165 Resp: 355172
Ion Ratio Lower Upper
165 100
63 48.2 38.1 57.1
89 77.9 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 38.077 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:166 Resp: 1414704
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.416 ng

RT: 10.186 min Scan# 1375

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 369931

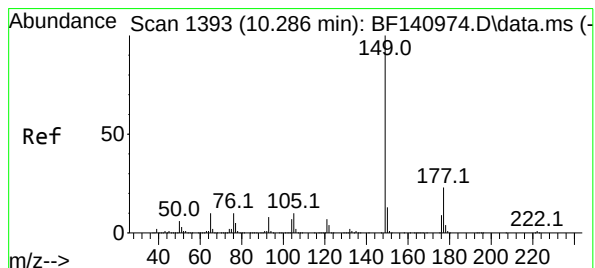
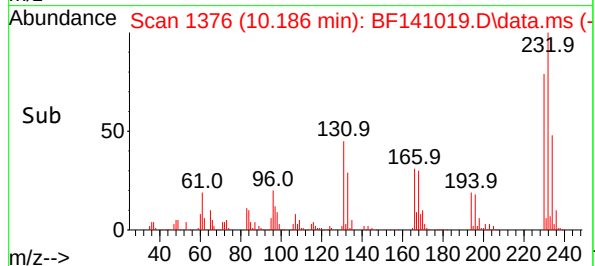
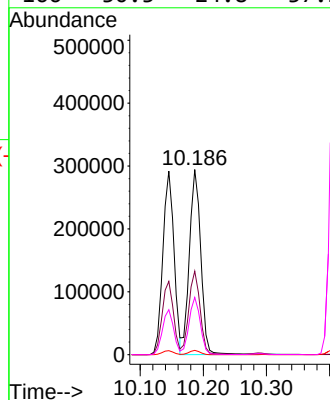
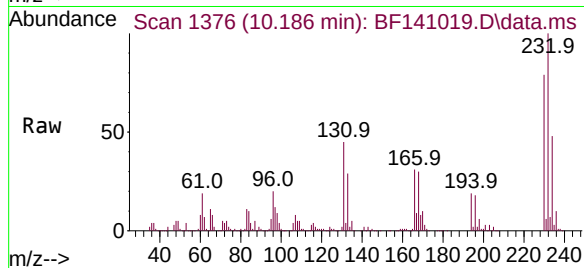
Ion Ratio Lower Upper

232 100

131 44.8 37.4 56.2

130 2.2 1.8 2.8

166 30.3 24.8 37.2



#60

Diethylphthalate

Concen: 38.618 ng

RT: 10.286 min Scan# 1393

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

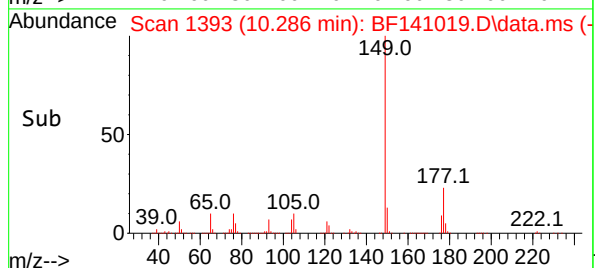
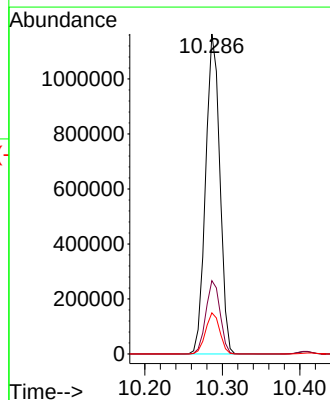
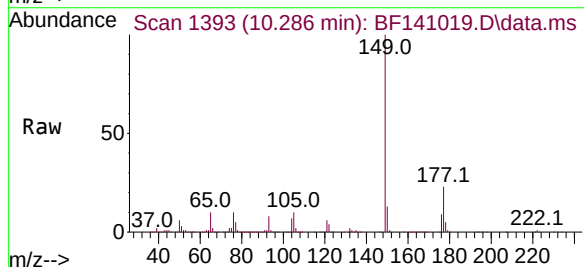
Tgt Ion:149 Resp: 1479347

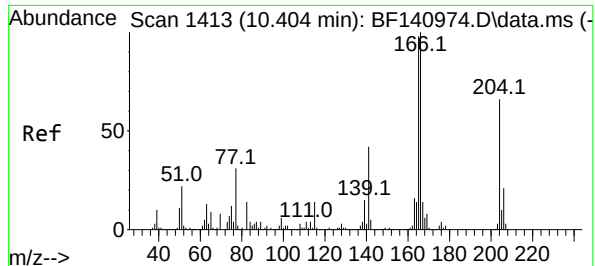
Ion Ratio Lower Upper

149 100

177 22.9 18.3 27.5

150 12.9 10.4 15.6

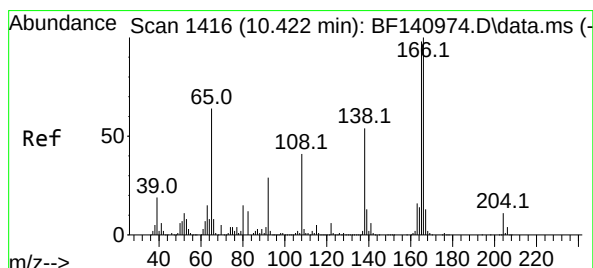
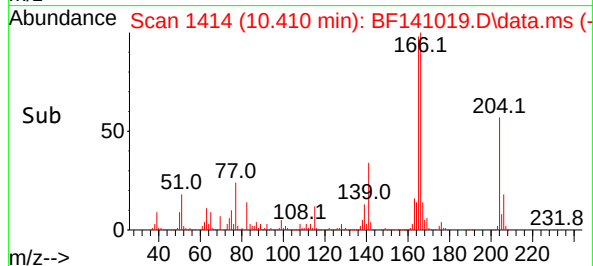
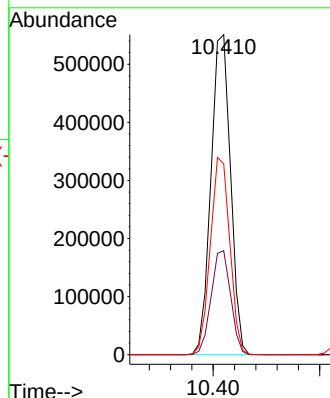
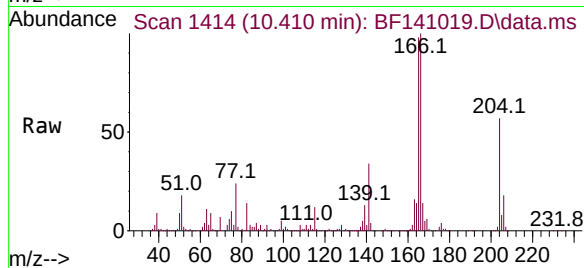




#61
4-Chlorophenyl-phenylether
Concen: 39.313 ng
RT: 10.410 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

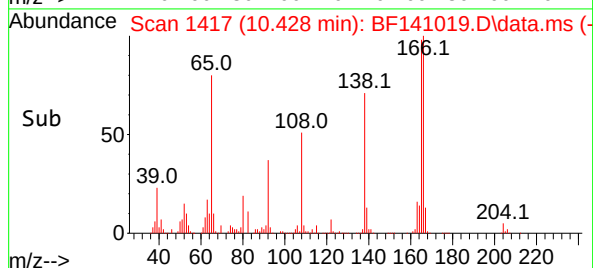
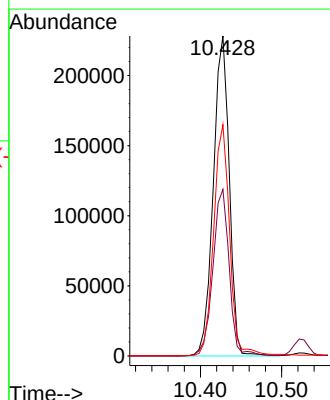
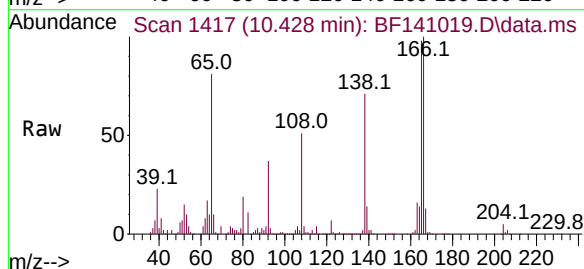
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

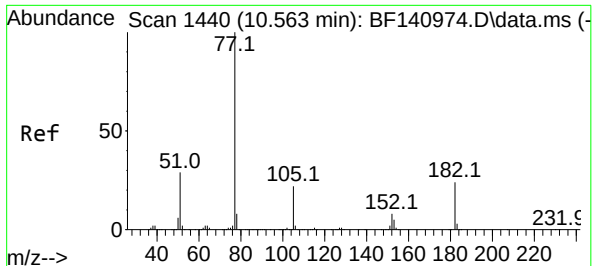
Tgt Ion:204 Resp: 702832
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 59.6 51.2 76.8



#62
4-Nitroaniline
Concen: 37.095 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:138 Resp: 311892
Ion Ratio Lower Upper
138 100
92 52.1 34.8 74.8
108 72.3 55.9 95.9





#63

Azobenzene

Concen: 37.847 ng

RT: 10.569 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1521732

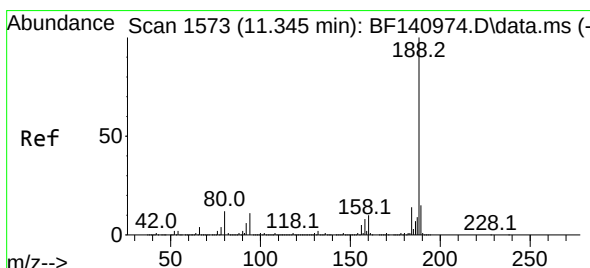
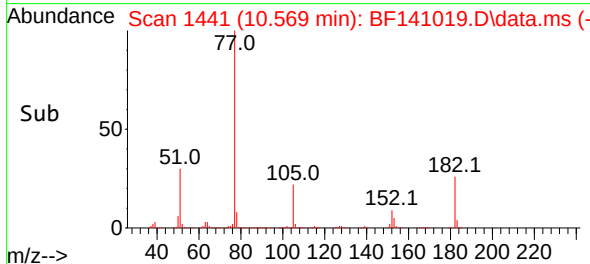
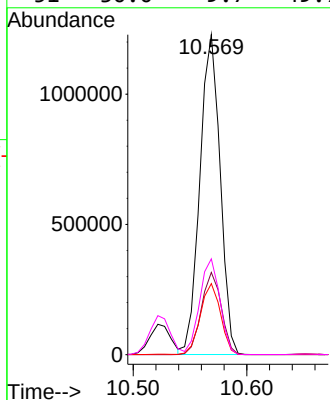
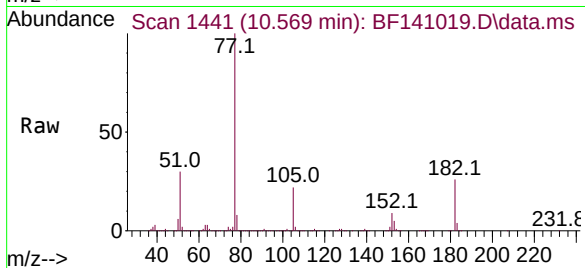
Ion Ratio Lower Upper

77 100

182 25.7 4.1 44.1

105 22.2 1.8 41.8

51 30.0 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1574

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

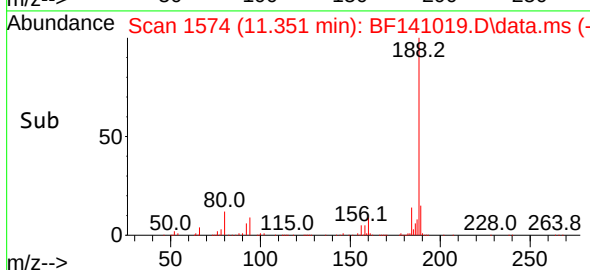
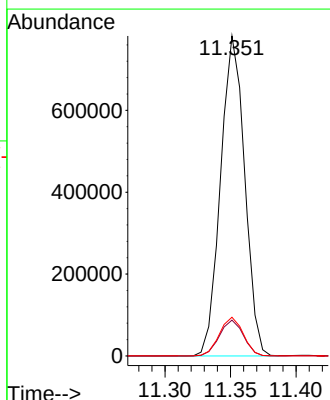
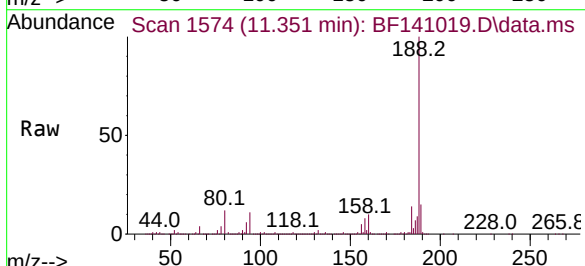
Tgt Ion: 188 Resp: 999326

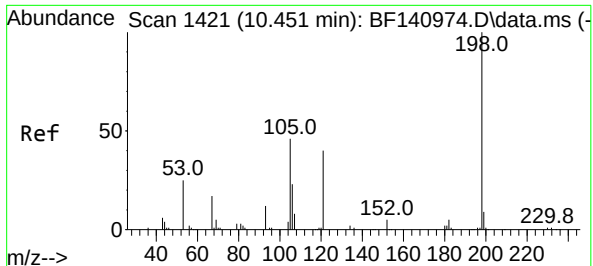
Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

80 12.1 9.8 14.6

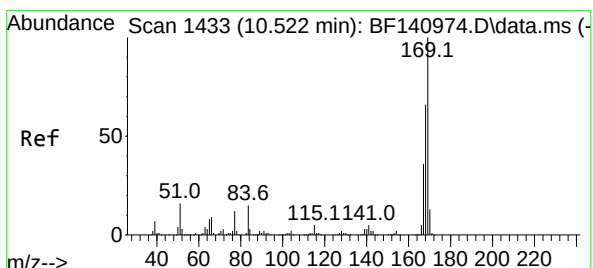
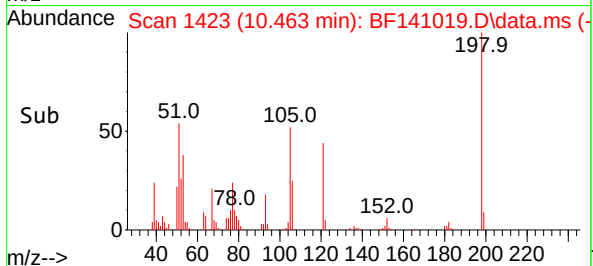
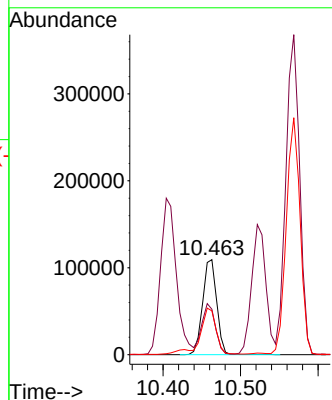
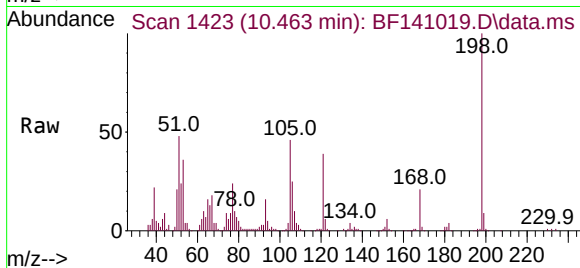




#65
4,6-Dinitro-2-methylphenol
Concen: 37.186 ng
RT: 10.463 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

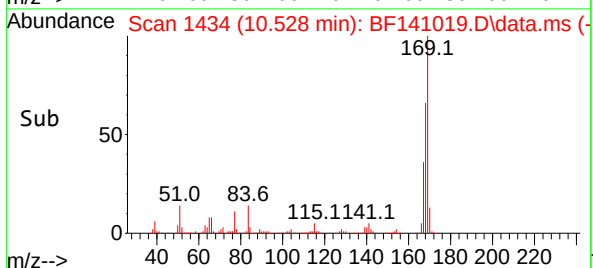
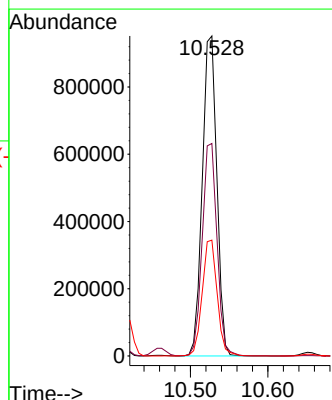
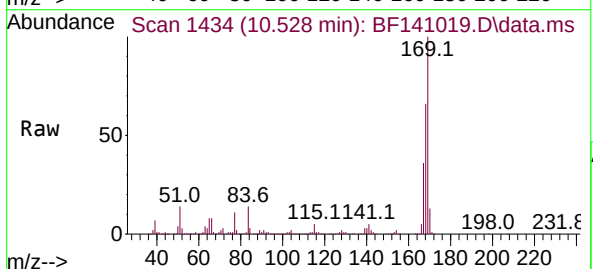
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

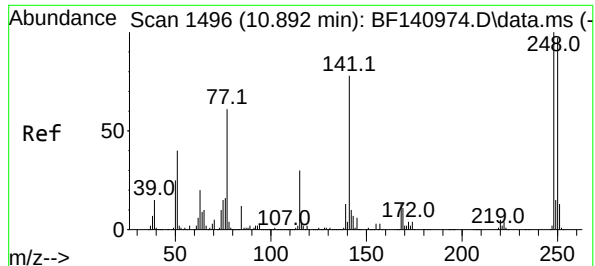
Tgt Ion:198 Resp: 137748
Ion Ratio Lower Upper
198 100
51 47.9 32.3 72.3
105 46.0 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 39.405 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:169 Resp: 1240017
Ion Ratio Lower Upper
169 100
168 66.4 52.6 79.0
167 36.2 29.0 43.4





#67

4-Bromophenyl-phenylether

Concen: 41.496 ng

RT: 10.898 min Scan# 1496

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

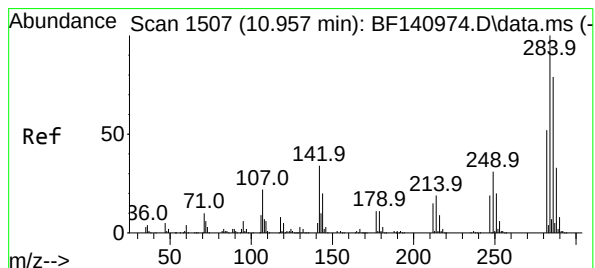
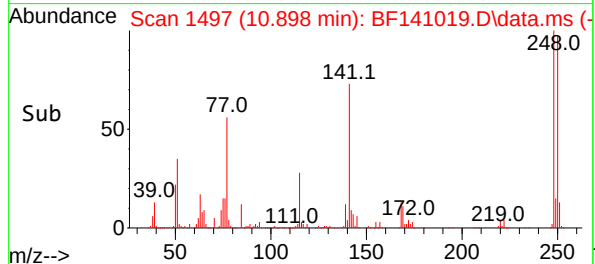
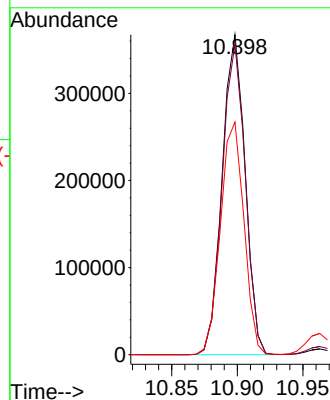
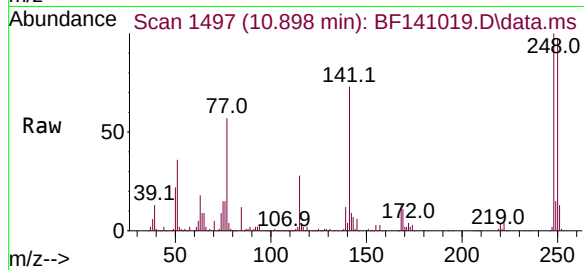
Tgt Ion:248 Resp: 448280

Ion Ratio Lower Upper

248 100

250 97.0 77.7 116.5

141 72.7 62.1 93.1



#68

Hexachlorobenzene

Concen: 40.258 ng

RT: 10.963 min Scan# 1508

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

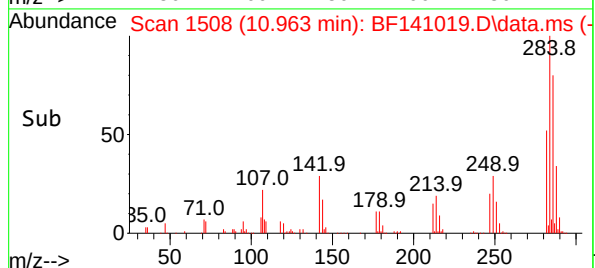
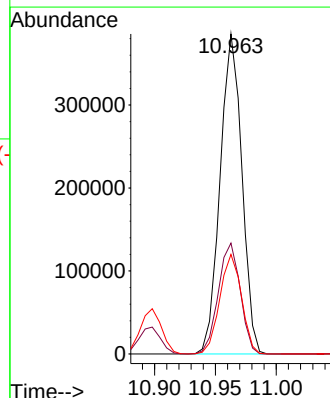
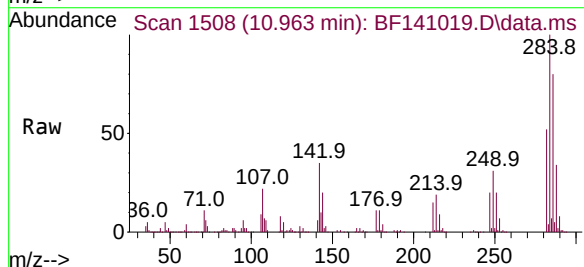
Tgt Ion:284 Resp: 479543

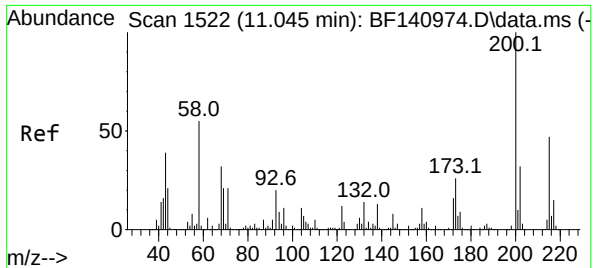
Ion Ratio Lower Upper

284 100

142 34.7 27.1 40.7

249 31.1 25.1 37.7





#69

Atrazine

Concen: 33.844 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

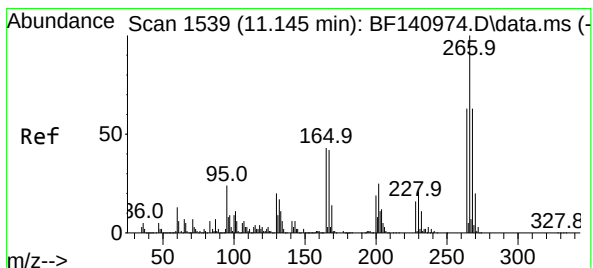
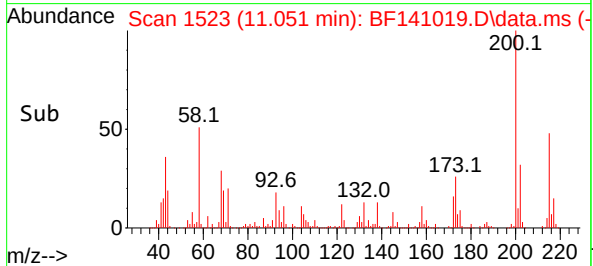
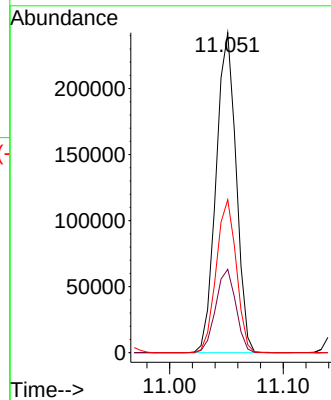
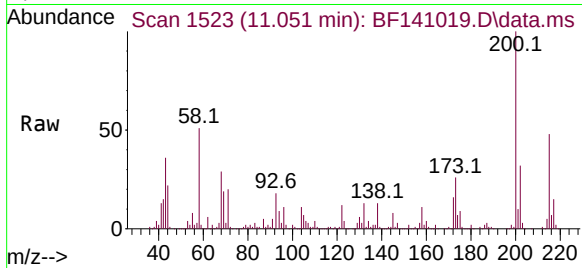
Tgt Ion:200 Resp: 297531

Ion Ratio Lower Upper

200 100

173 26.0 6.4 46.4

215 47.8 27.2 67.2



#70

Pentachlorophenol

Concen: 39.182 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

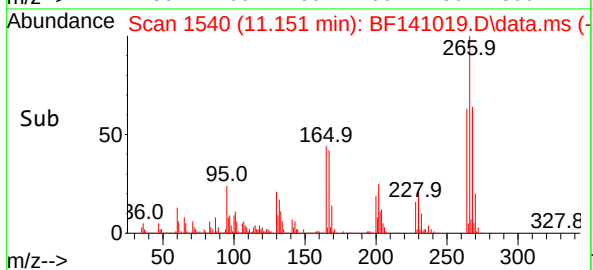
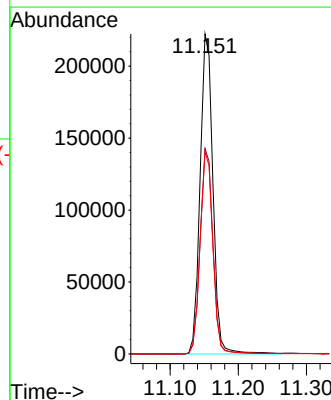
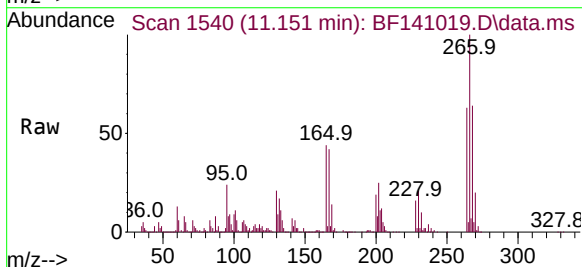
Tgt Ion:266 Resp: 290589

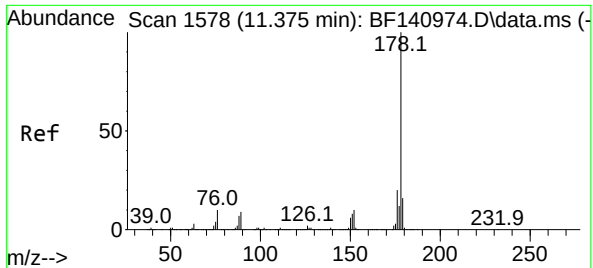
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 63.3 50.2 75.4

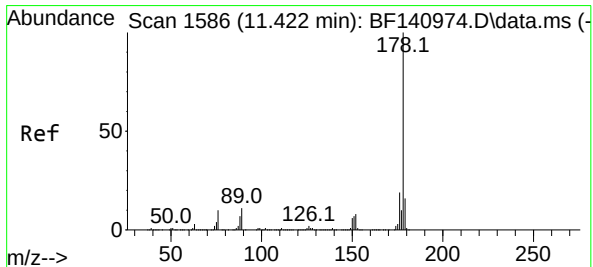
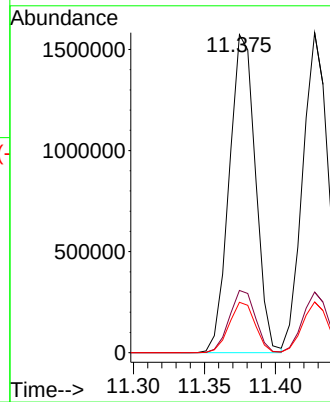
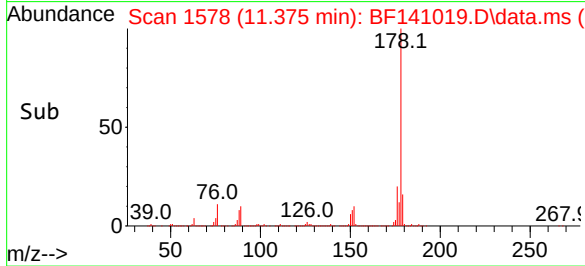
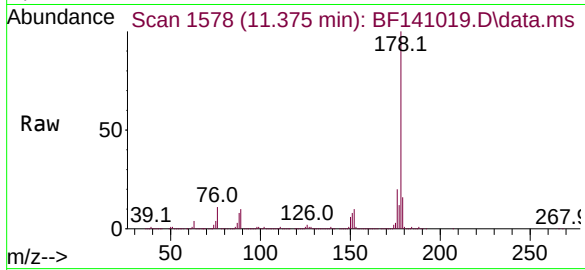




#71
Phenanthrene
Concen: 38.377 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

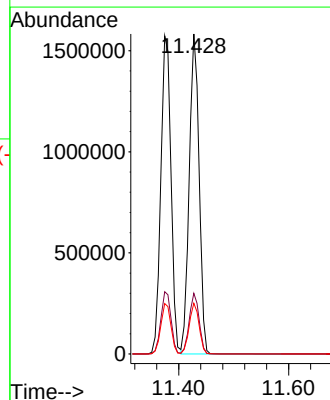
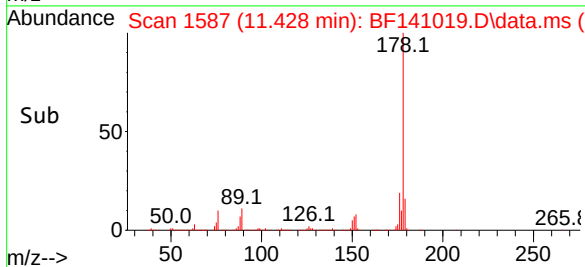
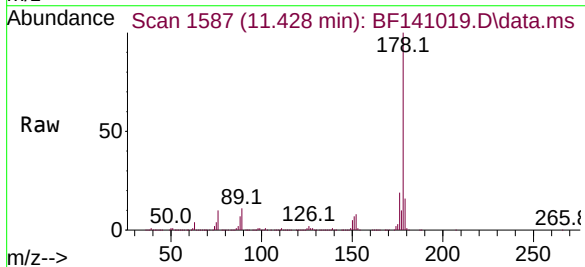
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

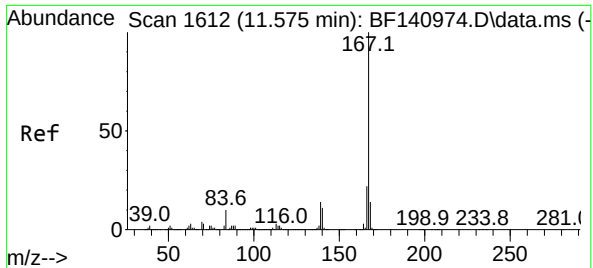
Tgt Ion:178 Resp: 2018462
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.8 12.6 19.0



#72
Anthracene
Concen: 38.249 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:178 Resp: 1971230
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.9 12.9 19.3

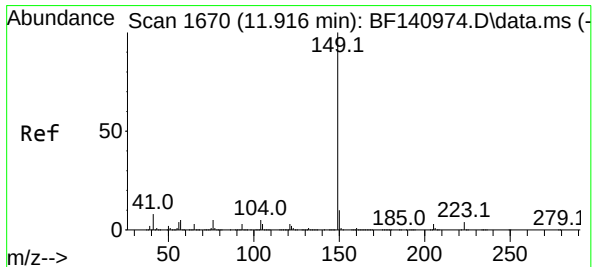
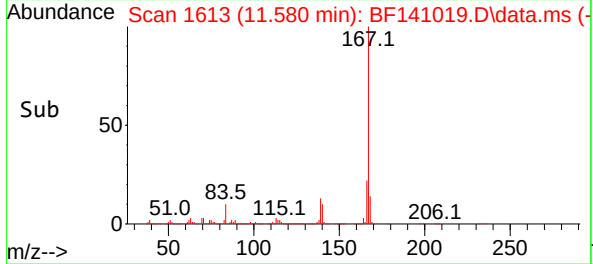
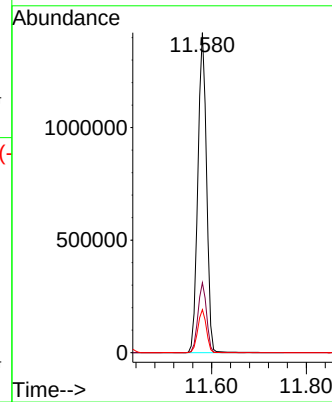
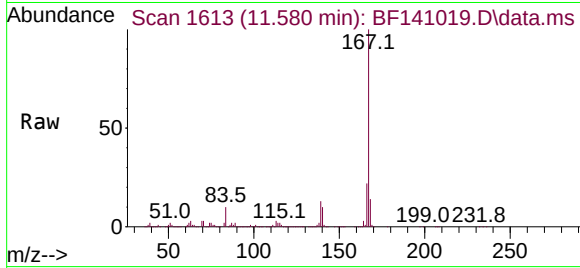




#73
 Carbazole
 Concen: 36.540 ng
 RT: 11.580 min Scan# 1612
 Delta R.T. 0.006 min
 Lab File: BF141019.D
 Acq: 30 Dec 2024 09:24

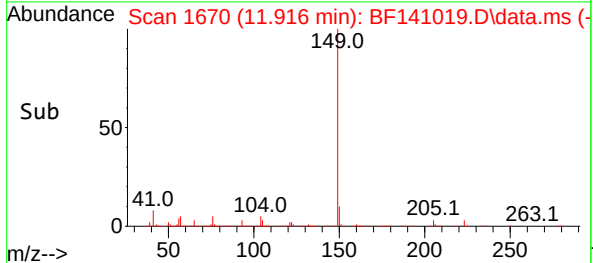
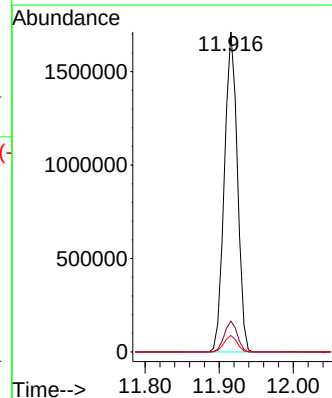
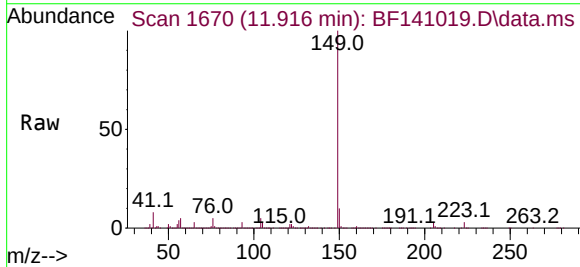
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

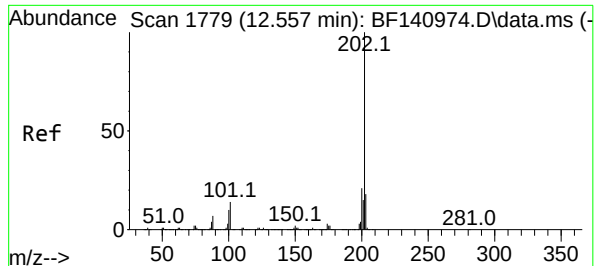
Tgt Ion:167 Resp: 1810329
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.4 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 37.107 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF141019.D
 Acq: 30 Dec 2024 09:24

Tgt Ion:149 Resp: 2091018
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 34.277 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

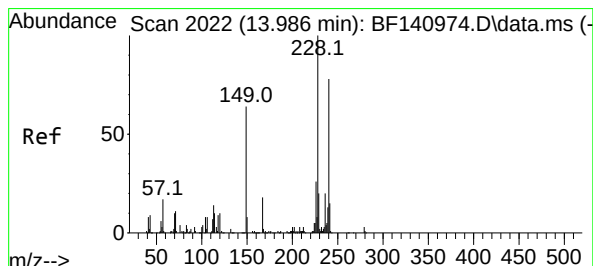
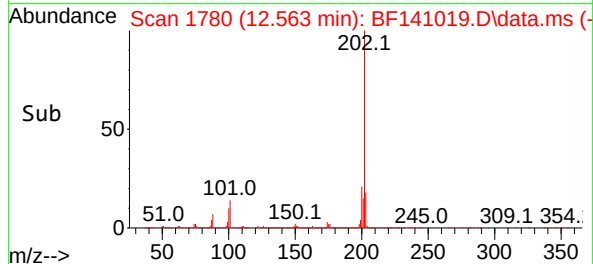
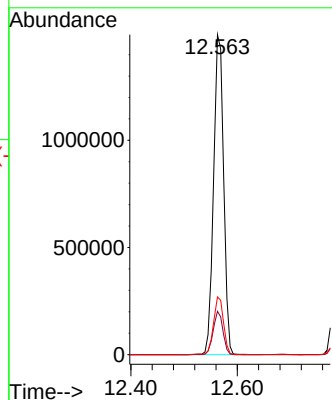
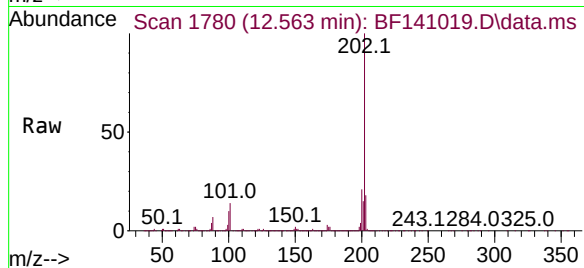
Tgt Ion:202 Resp: 1955256

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.7

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

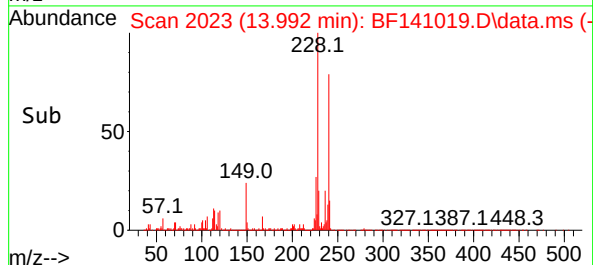
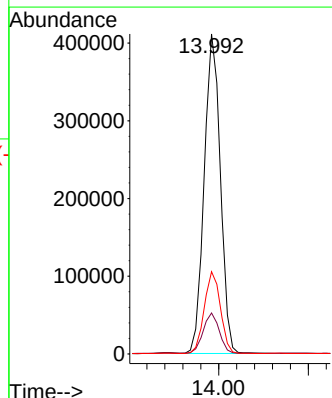
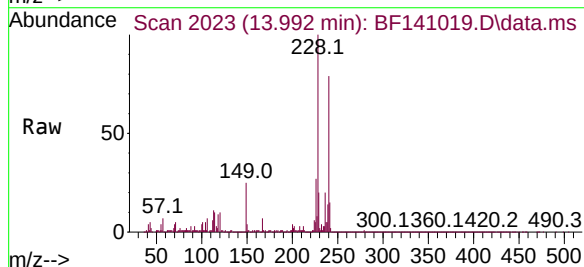
Tgt Ion:240 Resp: 513499

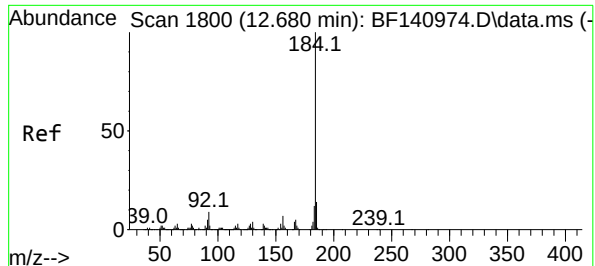
Ion Ratio Lower Upper

240 100

120 12.8 10.7 16.1

236 25.7 20.6 31.0

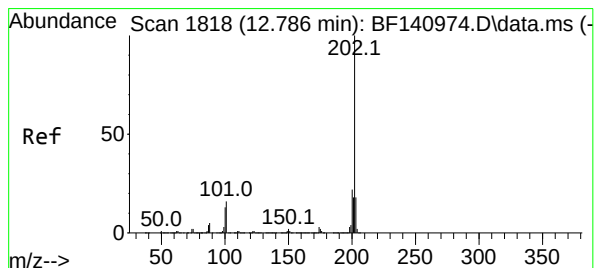
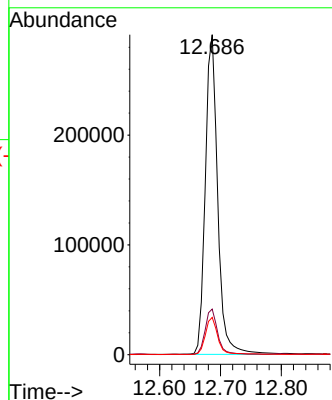
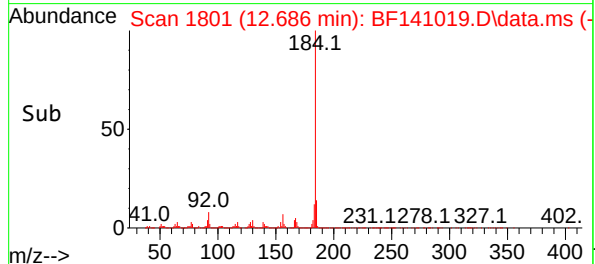
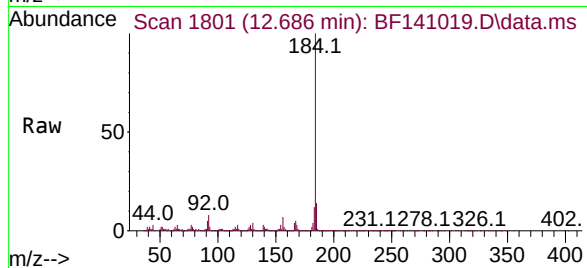




#77
Benzidine
Concen: 37.797 ng
RT: 12.686 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

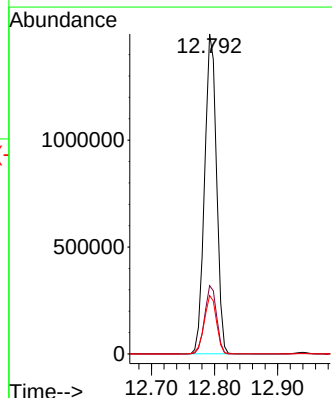
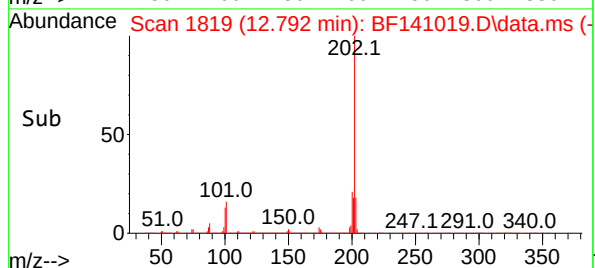
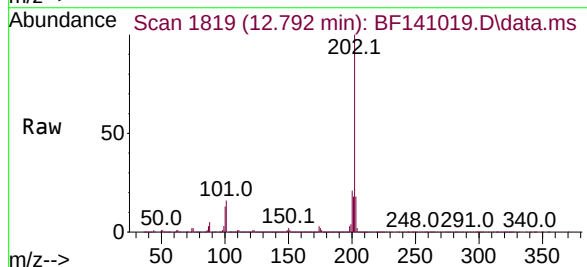
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

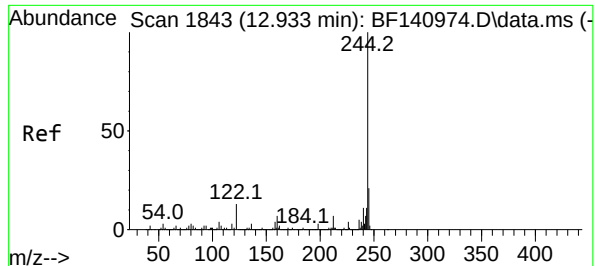
Tgt Ion:184 Resp: 410188
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.6 9.4 14.0



#78
Pyrene
Concen: 43.736 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:202 Resp: 1964156
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 87.100 ng

RT: 12.939 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

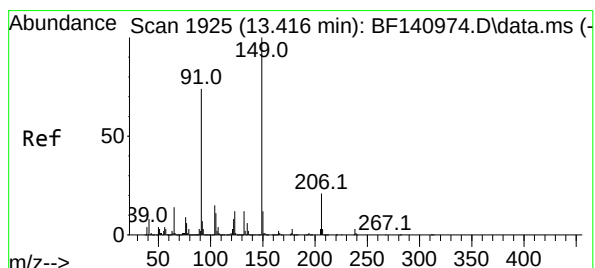
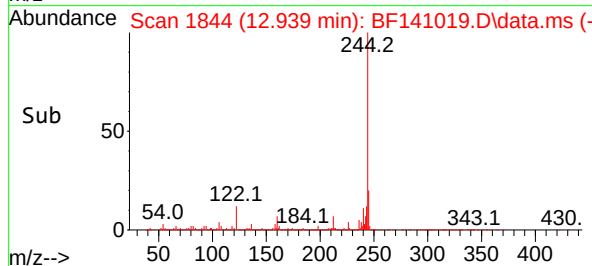
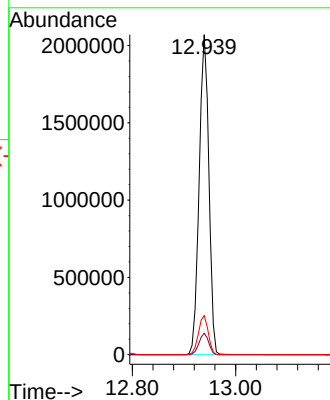
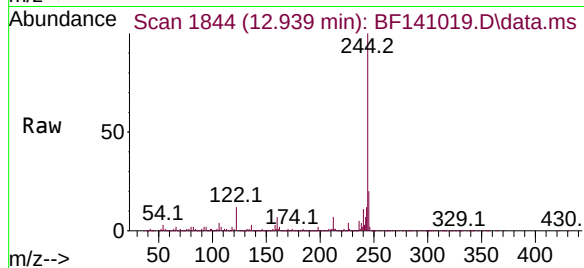
Tgt Ion:244 Resp: 2692720

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 12.2 10.2 15.2



#80

Butylbenzylphthalate

Concen: 39.711 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

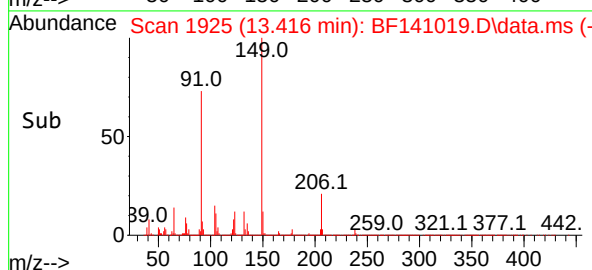
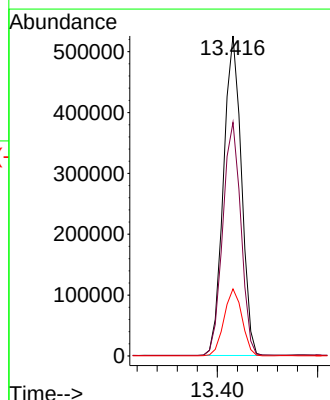
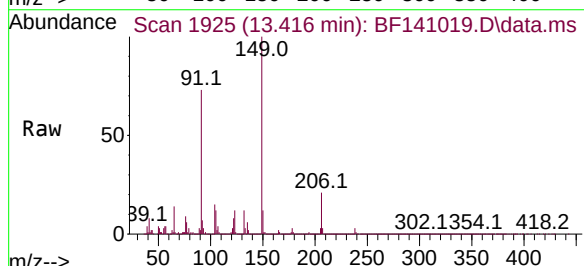
Tgt Ion:149 Resp: 651212

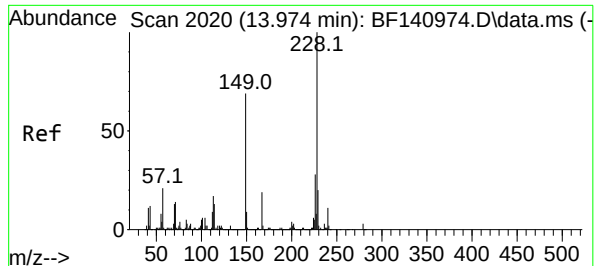
Ion Ratio Lower Upper

149 100

91 73.0 59.5 89.3

206 20.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 36.912 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

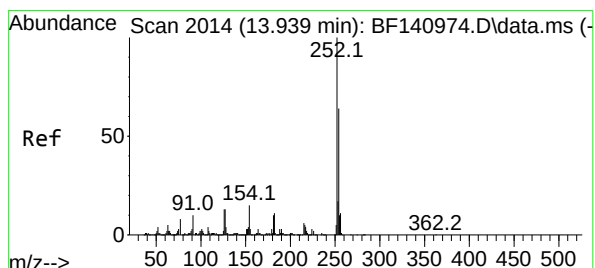
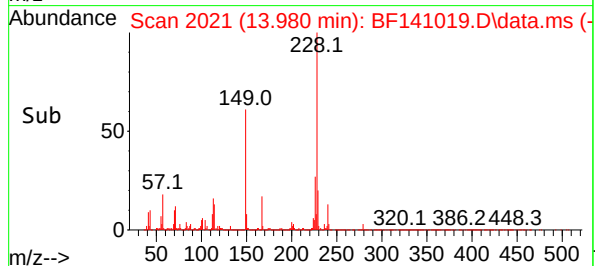
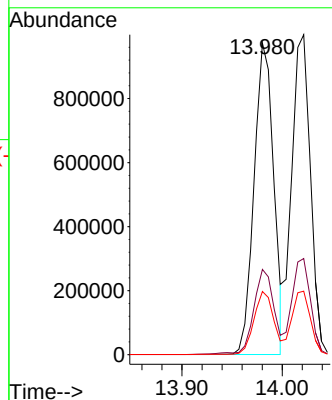
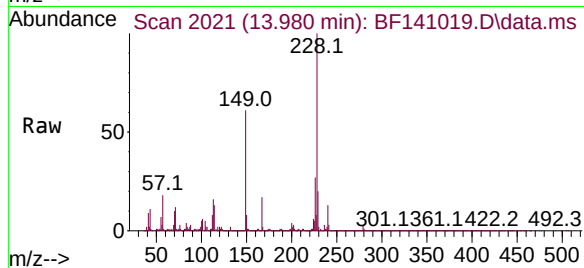
Tgt Ion:228 Resp: 1320984

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 40.013 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

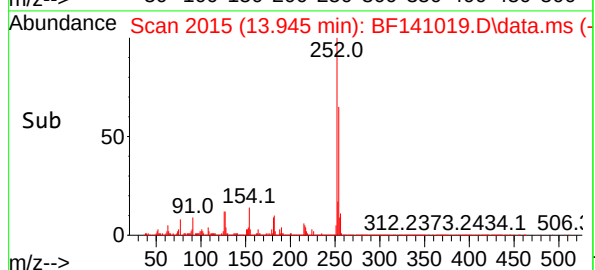
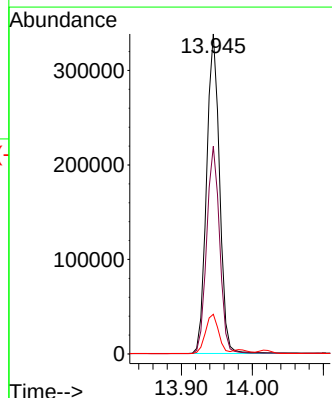
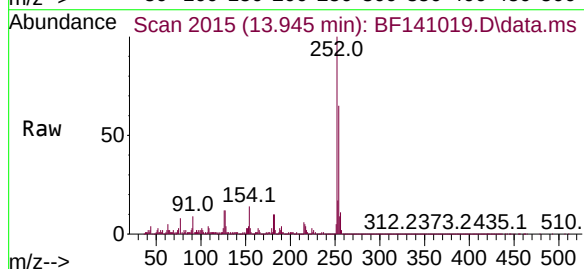
Tgt Ion:252 Resp: 430238

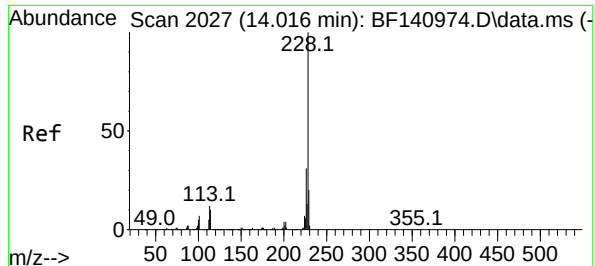
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 12.4 10.3 15.5





#83

Chrysene

Concen: 40.323 ng

RT: 14.021 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

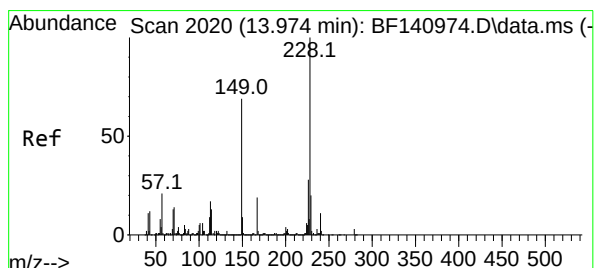
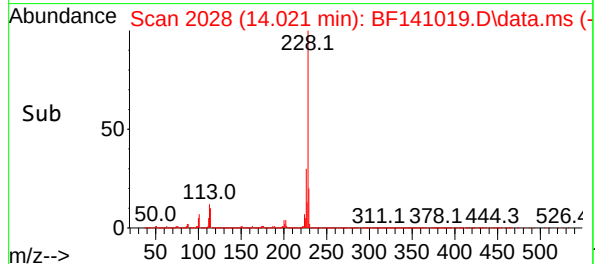
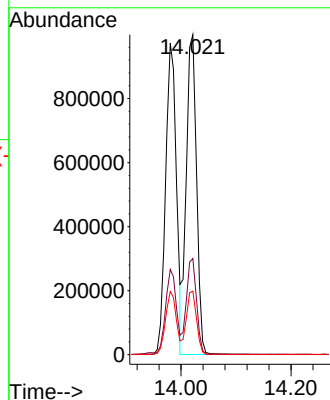
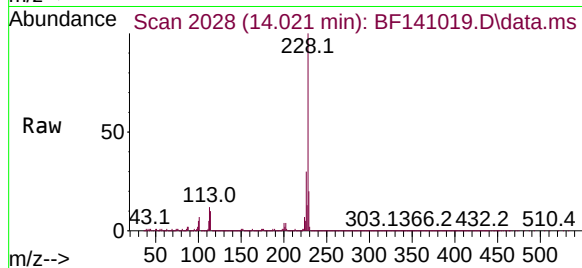
Tgt Ion:228 Resp: 1300887

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.166 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

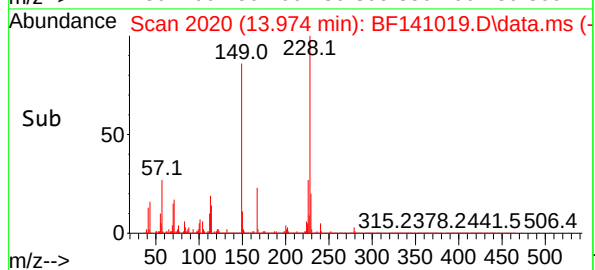
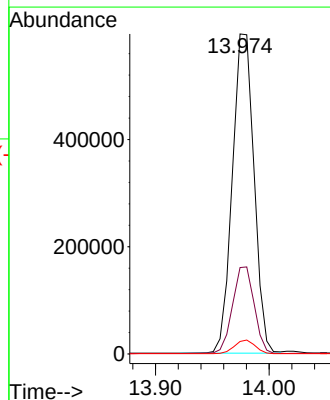
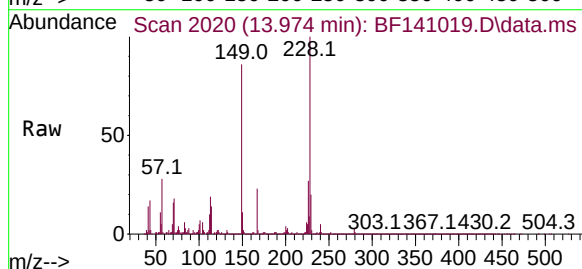
Tgt Ion:149 Resp: 790574

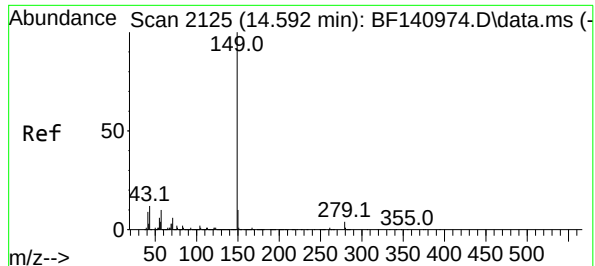
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 3.9 3.2 4.8

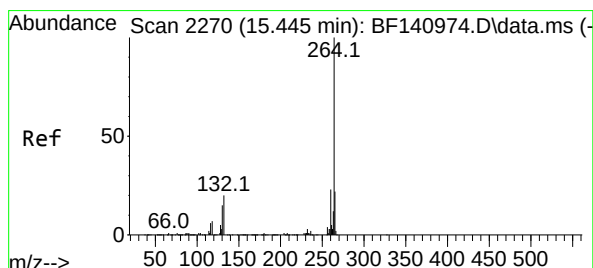
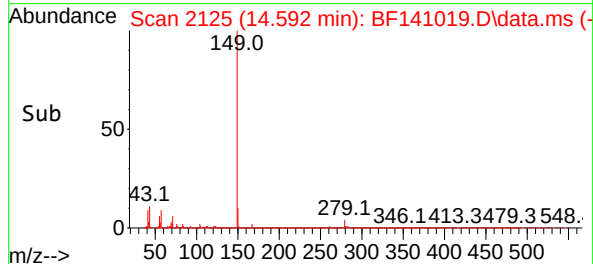
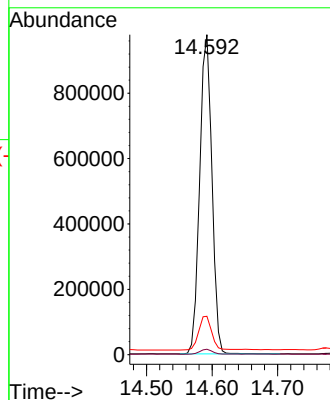
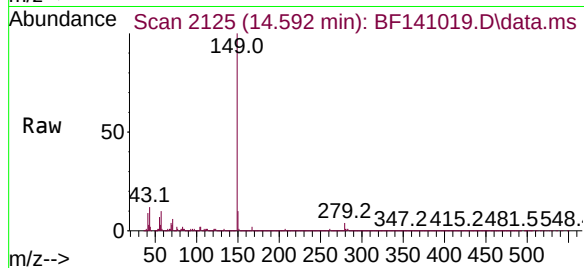




#85
Di-n-octyl phthalate
Concen: 41.238 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

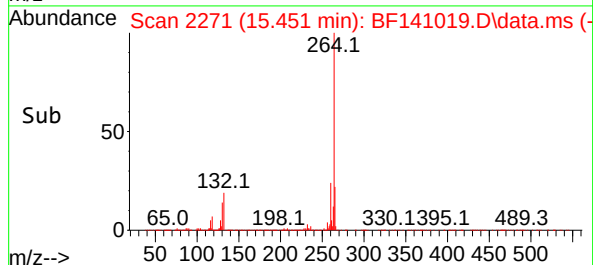
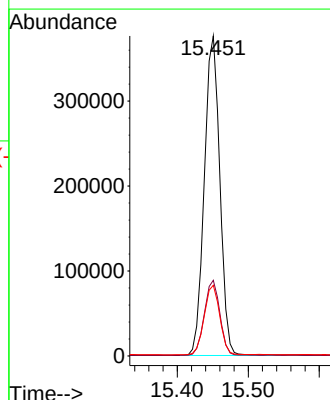
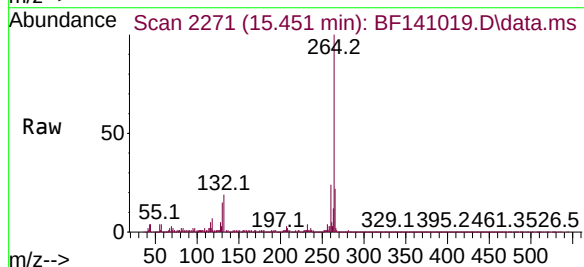
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

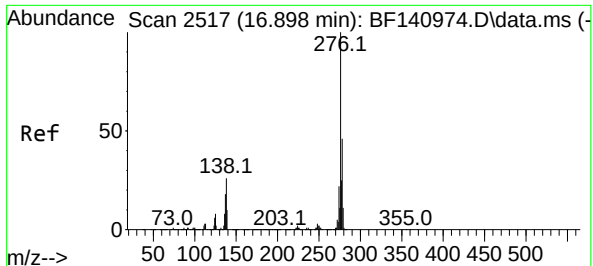
Tgt Ion:149 Resp: 1269609
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:264 Resp: 572329
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.1 17.4 26.2

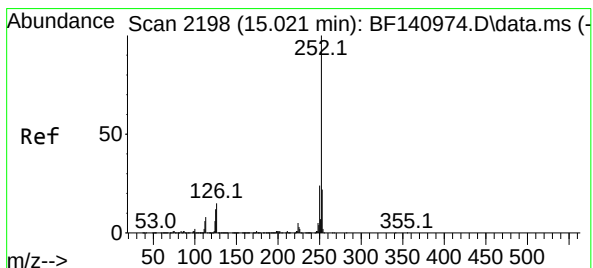
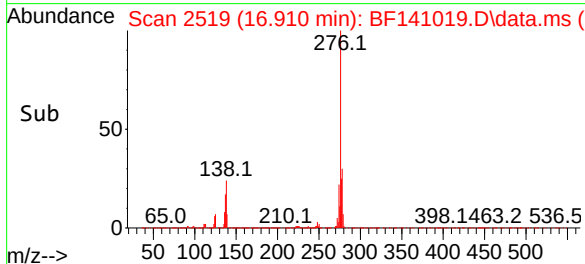
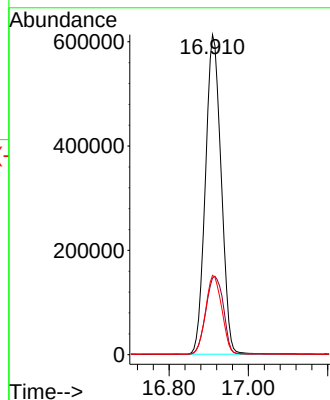
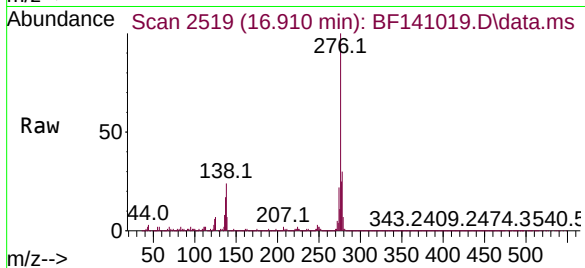




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.806 ng
RT: 16.910 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

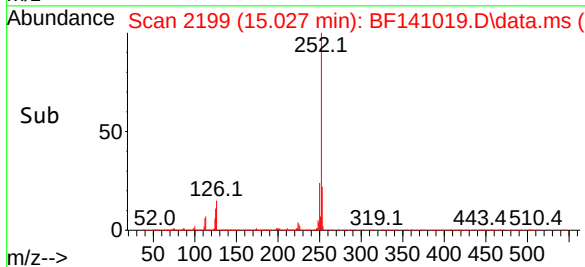
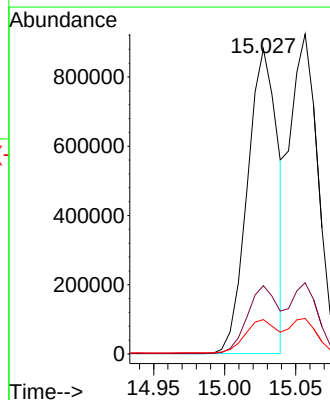
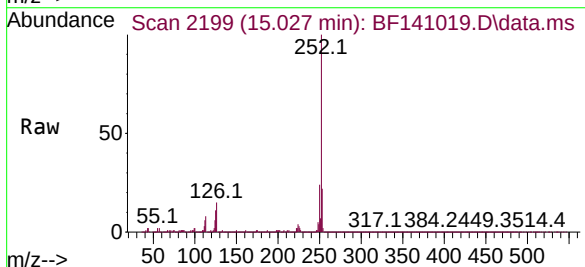
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

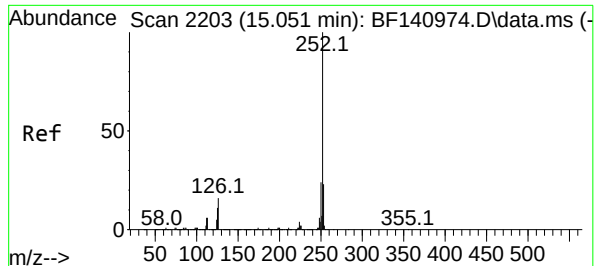
Tgt Ion:276 Resp: 1687714
Ion Ratio Lower Upper
276 100
138 27.1 23.1 34.7
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 32.680 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:252 Resp: 1304484
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.3 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 40.163 ng

RT: 15.057 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

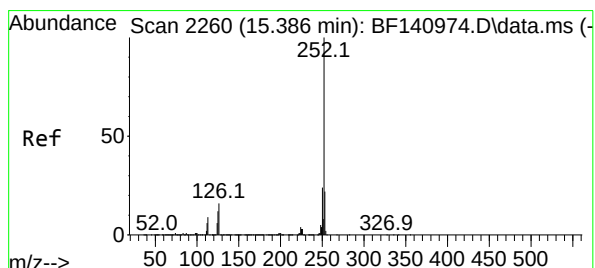
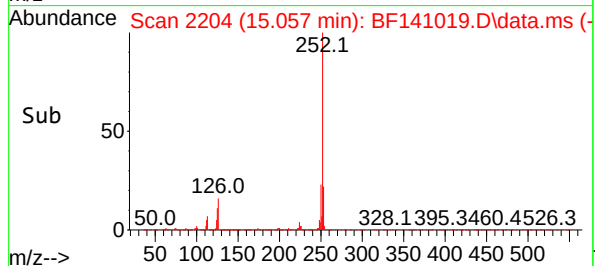
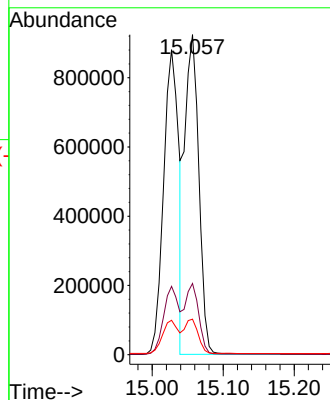
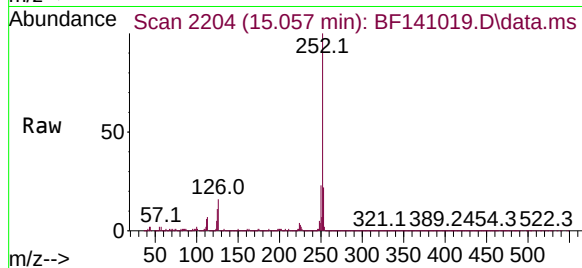
Tgt Ion:252 Resp: 1256515

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.1 9.4 14.0



#90

Benzo(a)pyrene

Concen: 38.137 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

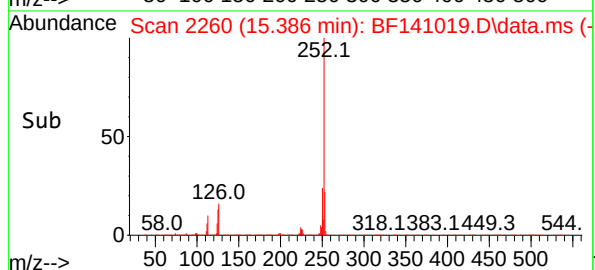
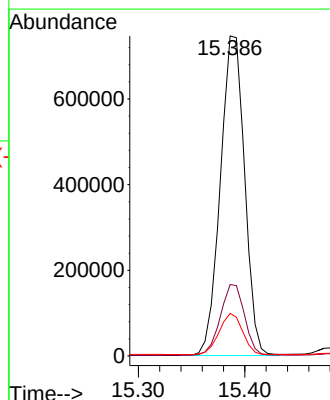
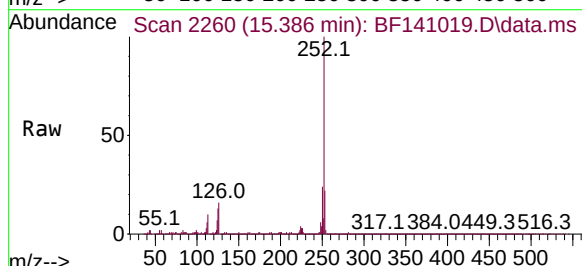
Tgt Ion:252 Resp: 1181585

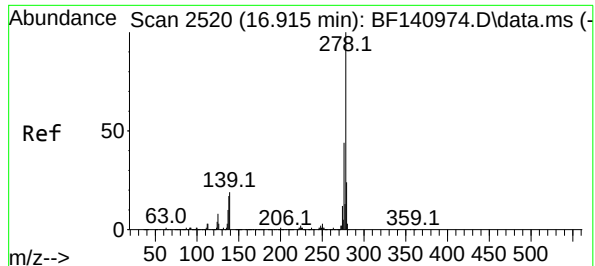
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 13.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 47.261 ng

RT: 16.933 min Scan# 2520

Delta R.T. 0.018 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

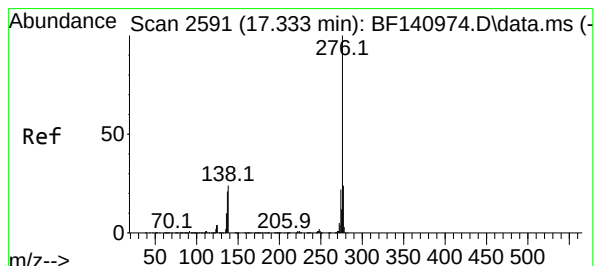
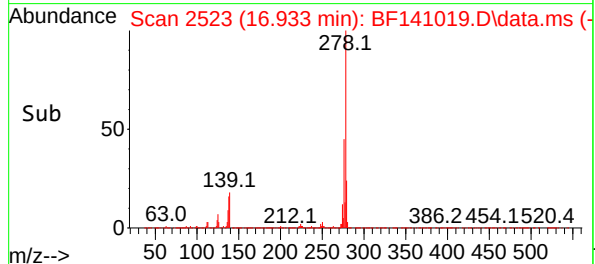
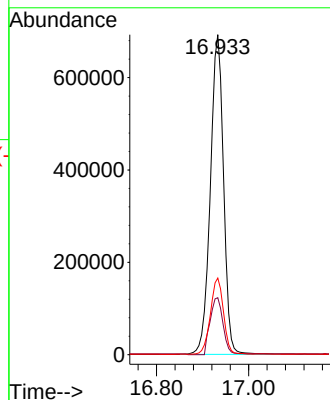
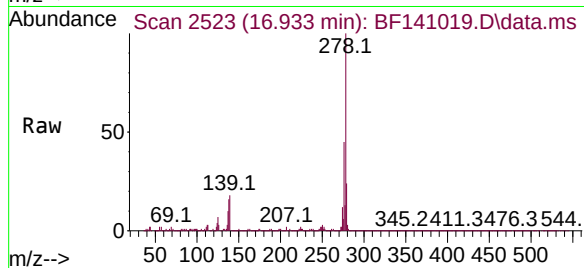
Tgt Ion:278 Resp: 1381399

Ion Ratio Lower Upper

278 100

139 17.8 14.9 22.3

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 47.707 ng

RT: 17.357 min Scan# 2595

Delta R.T. 0.024 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

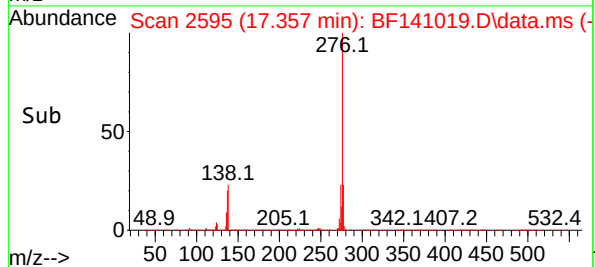
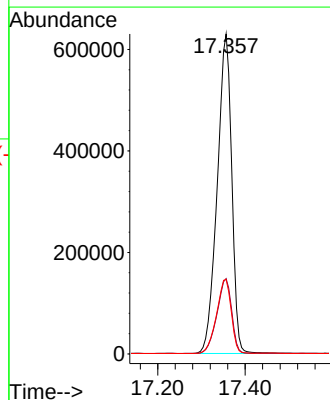
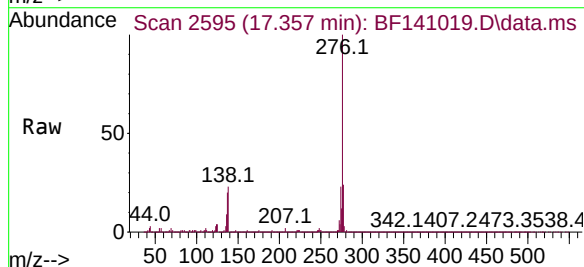
Tgt Ion:276 Resp: 1446266

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 23.3 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141019.D
 Acq On : 30 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 30 10:08:52 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	0.564	6.2	103	0.00
3	Pyridine	1.468	1.443	1.7	109	0.01
4	n-Nitrosodimethylamine	0.744	0.689	7.4	101	0.01
5 S	2-Fluorophenol	1.327	1.243	6.3	105	0.00
6	Aniline	1.524	1.522	0.1	103	-0.01
7 S	Phenol-d6	1.709	1.608	5.9	105	0.00
8	2-Chlorophenol	1.399	1.335	4.6	105	0.00
9	Benzaldehyde	0.941	0.841	10.6	106	0.00
10 C	Phenol	1.767	1.730	2.1	108	0.00
11	bis(2-Chloroethyl)ether	1.427	1.319	7.6	105	0.00
12	1,3-Dichlorobenzene	1.544	1.509	2.3	108	0.00
13 C	1,4-Dichlorobenzene	1.556	1.506	3.2	108	0.00
14	1,2-Dichlorobenzene	1.451	1.400	3.5	108	0.00
15	Benzyl Alcohol	1.228	1.160	5.5	103	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.025	6.2	104	0.00
17	2-Methylphenol	1.162	1.098	5.5	104	0.00
18	Hexachloroethane	0.553	0.532	3.8	106	0.00
19 P	n-Nitroso-di-n-propylamine	1.047	0.966	7.7	104	0.00
20	3+4-Methylphenols	1.471	1.388	5.6	104	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	107	0.00
22	Acetophenone	0.491	0.460	6.3	105	0.00
23 S	Nitrobenzene-d5	0.313	0.317	-1.3	104	0.00
24	Nitrobenzene	0.349	0.348	0.3	102	0.00
25	Isophorone	0.680	0.648	4.7	106	0.00
26 C	2-Nitrophenol	0.118	0.126	-6.8	106	0.00
27	2,4-Dimethylphenol	0.249	0.233	6.4	103	0.00
28	bis(2-Chloroethoxy)methane	0.431	0.412	4.4	106	0.00
29 C	2,4-Dichlorophenol	0.282	0.276	2.1	106	0.00
30	1,2,4-Trichlorobenzene	0.319	0.315	1.3	108	0.00
31	Naphthalene	1.054	1.011	4.1	106	0.00
32	Benzoic acid	0.178	0.182	-2.2	109	0.01
33	4-Chloroaniline	0.381	0.362	5.0	106	0.00
34 C	Hexachlorobutadiene	0.188	0.187	0.5	110	0.00
35	Caprolactam	0.096	0.089	7.3	101	0.00
36 C	4-Chloro-3-methylphenol	0.313	0.300	4.2	104	0.00
37	2-Methylnaphthalene	0.674	0.646	4.2	108	0.00
38	1-Methylnaphthalene	0.663	0.637	3.9	107	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	0.550	0.554	-0.7	110	0.00
41 P	Hexachlorocyclopentadiene	0.182	0.178	2.2	101	0.00
42 S	2,4,6-Tribromophenol	0.194	0.197	-1.5	106	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.359	1.9	105	0.00
44	2,4,5-Trichlorophenol	0.375	0.385	-2.7	107	0.00
45 S	2-Fluorobiphenyl	1.255	1.202	4.2	109	0.00
46	1,1'-Biphenyl	1.531	1.510	1.4	108	0.00
47	2-Chloronaphthalene	1.188	1.165	1.9	109	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141019.D
 Acq On : 30 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 30 10:08:52 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	0.284	-9.7	105	0.00
49	Acenaphthylene	1.710	1.634	4.4	105	0.00
50	Dimethylphthalate	1.316	1.277	3.0	106	0.00
51	2,6-Dinitrotoluene	0.231	0.248	-7.4	103	0.00
52 C	Acenaphthene	1.156	1.121	3.0	106	0.00
53	3-Nitroaniline	0.255	0.268	-5.1	101	0.00
54 P	2,4-Dinitrophenol	0.075	0.076	-1.3	112	0.01
55	Dibenzofuran	1.624	1.574	3.1	107	0.00
56 P	4-Nitrophenol	0.225	0.207	8.0	96	0.00
57	2,4-Dinitrotoluene	0.273	0.301	-10.3	103	0.00
58	Fluorene	1.260	1.199	4.8	107	0.00
59	2,3,4,6-Tetrachlorophenol	0.310	0.314	-1.3	106	0.00
60	Diethylphthalate	1.299	1.254	3.5	105	0.00
61	4-Chlorophenyl-phenylether	0.606	0.596	1.7	109	0.00
62	4-Nitroaniline	0.255	0.264	-3.5	101	0.00
63	Azobenzene	1.363	1.290	5.4	104	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.069	-3.0	106	0.01
66 c	n-Nitrosodiphenylamine	0.630	0.620	1.6	104	0.00
67	4-Bromophenyl-phenylether	0.216	0.224	-3.7	108	0.00
68	Hexachlorobenzene	0.238	0.240	-0.8	106	0.00
69	Atrazine	0.176	0.149	15.3	97	0.00
70 C	Pentachlorophenol	0.148	0.145	2.0	96	0.00
71	Phenanthrene	1.053	1.010	4.1	102	0.00
72	Anthracene	1.031	0.986	4.4	101	0.00
73	Carbazole	0.992	0.906	8.7	98	0.00
74	Di-n-butylphthalate	1.128	1.046	7.3	98	0.00
75 C	Fluoranthene	1.142	0.978	14.4	91	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77	Benzydine	0.423	0.399	5.7	76	0.00
78	Pyrene	1.749	1.913	-9.4	89	0.00
79 S	Terphenyl-d14	1.204	1.311	-8.9	90	0.00
80	Butylbenzylphthalate	0.639	0.634	0.8	76	0.00
81	Benzo(a)anthracene	1.394	1.286	7.7	74	0.00
82	3,3'-Dichlorobenzidine	0.419	0.419	0.0	82	0.00
83	Chrysene	1.257	1.267	-0.8	83	0.00
84	Bis(2-ethylhexyl)phthalate	0.828	0.770	7.0	74	0.00
85 c	Di-n-octyl phthalate	1.199	1.236	-3.1	81	0.00
86 I	Perylene-d12	1.000	1.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	1.260	1.474	-17.0	121	0.01
88	Benzo(b)fluoranthene	1.395	1.140	18.3	87	0.00
89	Benzo(k)fluoranthene	1.093	1.098	-0.5	111	0.00
90 C	Benzo(a)pyrene	1.083	1.032	4.7	104	0.00
91	Dibenzo(a,h)anthracene	1.021	1.207	-18.2	121	0.02
92	Benzo(g,h,i)perylene	1.059	1.263	-19.3	121	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141019.D
Acq On : 30 Dec 2024 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 30 10:08:52 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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141019.D
 Acq On : 30 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 30 10:08:52 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	37.582	6.0	103	0.00
3	Pyridine	40.000	39.312	1.7	109	0.01
4	n-Nitrosodimethylamine	40.000	37.039	7.4	101	0.01
5 S	2-Fluorophenol	80.000	74.944	6.3	105	0.00
6	Aniline	40.000	39.939	0.2	103	-0.01
7 S	Phenol-d6	80.000	75.252	5.9	105	0.00
8	2-Chlorophenol	40.000	38.169	4.6	105	0.00
9	Benzaldehyde	40.000	40.312	-0.8	106	0.00
10 C	Phenol	40.000	39.151	2.1	108	0.00
11	bis(2-Chloroethyl)ether	40.000	36.977	7.6	105	0.00
12	1,3-Dichlorobenzene	40.000	39.095	2.3	108	0.00
13 C	1,4-Dichlorobenzene	40.000	38.710	3.2	108	0.00
14	1,2-Dichlorobenzene	40.000	38.601	3.5	108	0.00
15	Benzyl Alcohol	40.000	37.779	5.6	103	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.528	6.2	104	0.00
17	2-Methylphenol	40.000	37.776	5.6	104	0.00
18	Hexachloroethane	40.000	38.457	3.9	106	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.891	7.8	104	0.00
20	3+4-Methylphenols	40.000	37.751	5.6	104	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	107	0.00
22	Acetophenone	40.000	37.489	6.3	105	0.00
23 S	Nitrobenzene-d5	80.000	81.066	-1.3	104	0.00
24	Nitrobenzene	40.000	39.818	0.5	102	0.00
25	Isophorone	40.000	38.118	4.7	106	0.00
26 C	2-Nitrophenol	40.000	36.712	8.2	106	0.00
27	2,4-Dimethylphenol	40.000	37.492	6.3	103	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.280	4.3	106	0.00
29 C	2,4-Dichlorophenol	40.000	39.219	2.0	106	0.00
30	1,2,4-Trichlorobenzene	40.000	39.454	1.4	108	0.00
31	Naphthalene	40.000	38.378	4.1	106	0.00
32	Benzoic acid	40.000	37.509	6.2	109	0.01
33	4-Chloroaniline	40.000	37.974	5.1	106	0.00
34 C	Hexachlorobutadiene	40.000	39.695	0.8	110	0.00
35	Caprolactam	40.000	37.147	7.1	101	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.337	4.2	104	0.00
37	2-Methylnaphthalene	40.000	38.350	4.1	108	0.00
38	1-Methylnaphthalene	40.000	38.433	3.9	107	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.264	-0.7	110	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.997	2.5	101	0.00
42 S	2,4,6-Tribromophenol	80.000	80.910	-1.1	106	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.216	2.0	105	0.00
44	2,4,5-Trichlorophenol	40.000	41.049	-2.6	107	0.00
45 S	2-Fluorobiphenyl	80.000	76.589	4.3	109	0.00
46	1,1'-Biphenyl	40.000	39.429	1.4	108	0.00
47	2-Chloronaphthalene	40.000	39.221	1.9	109	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141019.D
 Acq On : 30 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 30 10:08:52 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	37.660	5.9	105	0.00
49	Acenaphthylene	40.000	38.219	4.5	105	0.00
50	Dimethylphthalate	40.000	38.828	2.9	106	0.00
51	2,6-Dinitrotoluene	40.000	37.873	5.3	103	0.00
52 C	Acenaphthene	40.000	38.800	3.0	106	0.00
53	3-Nitroaniline	40.000	37.526	6.2	101	0.00
54 P	2,4-Dinitrophenol	40.000	39.273	1.8	112	0.01
55	Dibenzofuran	40.000	38.768	3.1	107	0.00
56 P	4-Nitrophenol	40.000	36.820	7.9	96	0.00
57	2,4-Dinitrotoluene	40.000	37.740	5.6	103	0.00
58	Fluorene	40.000	38.077	4.8	107	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.416	-1.0	106	0.00
60	Diethylphthalate	40.000	38.618	3.5	105	0.00
61	4-Chlorophenyl-phenylether	40.000	39.313	1.7	109	0.00
62	4-Nitroaniline	40.000	37.095	7.3	101	0.00
63	Azobenzene	40.000	37.847	5.4	104	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.186	7.0	106	0.01
66 c	n-Nitrosodiphenylamine	40.000	39.405	1.5	104	0.00
67	4-Bromophenyl-phenylether	40.000	41.496	-3.7	108	0.00
68	Hexachlorobenzene	40.000	40.258	-0.6	106	0.00
69	Atrazine	40.000	33.844	15.4	97	0.00
70 C	Pentachlorophenol	40.000	39.182	2.0	96	0.00
71	Phenanthrene	40.000	38.377	4.1	102	0.00
72	Anthracene	40.000	38.249	4.4	101	0.00
73	Carbazole	40.000	36.540	8.7	98	0.00
74	Di-n-butylphthalate	40.000	37.107	7.2	98	0.00
75 C	Fluoranthene	40.000	34.277	14.3	91	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77	Benzydine	40.000	37.797	5.5	76	0.00
78	Pyrene	40.000	43.736	-9.3	89	0.00
79 S	Terphenyl-d14	80.000	87.100	-8.9	90	0.00
80	Butylbenzylphthalate	40.000	39.711	0.7	76	0.00
81	Benzo(a)anthracene	40.000	36.912	7.7	74	0.00
82	3,3'-Dichlorobenzidine	40.000	40.013	-0.0	82	0.00
83	Chrysene	40.000	40.323	-0.8	83	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	37.166	7.1	74	0.00
85 c	Di-n-octyl phthalate	40.000	41.238	-3.1	81	0.00
86 I	Perylene-d12	20.000	20.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.806	-17.0	121	0.01
88	Benzo(b)fluoranthene	40.000	32.680	18.3	87	0.00
89	Benzo(k)fluoranthene	40.000	40.163	-0.4	111	0.00
90 C	Benzo(a)pyrene	40.000	38.137	4.7	104	0.00
91	Dibenzo(a,h)anthracene	40.000	47.261	-18.2	121	0.02
92	Benzo(g,h,i)perylene	40.000	47.707	-19.3	121	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141019.D
Acq On : 30 Dec 2024 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 30 10:08:52 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: PARS02

Lab Code: CHEM Case No.: P5362 SAS No.: P5362 SDG No.: P5362

Instrument ID: BNA_F Calibration Date/Time: 12/30/2024 15:20

Lab File ID: BF141031.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
Pyridine	1.468	1.464		-0.3	
2-Fluorophenol	1.327	1.261		-5.0	
Phenol-d6	1.709	1.621		-5.1	
1,4-Dichlorobenzene	1.556	1.493		-4.0	20.0
2-Methylphenol	1.162	1.109		-4.6	
3+4-Methylphenols	1.471	1.388		-5.6	
Nitrobenzene-d5	0.313	0.363		16.0	
Hexachloroethane	0.553	0.554		0.2	
Nitrobenzene	0.349	0.384		10.0	
Hexachlorobutadiene	0.188	0.187		-0.5	20.0
2,4,6-Trichlorophenol	0.366	0.375		2.5	20.0
2-Fluorobiphenyl	1.255	1.188		-5.3	
2,4,5-Trichlorophenol	0.375	0.401		6.9	
2,4-Dinitrotoluene	0.273	0.394		44.3	
2,4,6-Tribromophenol	0.194	0.216		11.3	
Hexachlorobenzene	0.238	0.243		2.1	
Pentachlorophenol	0.148	0.168		13.5	20.0
Terphenyl-d14	1.204	1.285		6.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141031.D
 Acq On : 30 Dec 2024 15:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 30 15:45:41 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	290764	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1134328	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	604245	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1042118	20.000	ng	0.00
76) Chrysene-d12	13.986	240	569163	20.000	ng	0.00
86) Perylene-d12	15.445	264	568544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1466439	76.023	ng	0.00
7) Phenol-d6	6.451	99	1885096	75.862	ng	0.00
23) Nitrobenzene-d5	7.392	82	1644928	92.777	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	522259	88.948	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2870617	75.691	ng	0.00
79) Terphenyl-d14	12.933	244	2925681	85.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	333276	38.163	ng	99
3) Pyridine	3.299	79	851066	39.878	ng	100
4) n-Nitrosodimethylamine	3.246	42	406392	37.582	ng	99
6) Aniline	6.492	93	893856	40.333	ng	99
8) 2-Chlorophenol	6.610	128	791355	38.912	ng	99
9) Benzaldehyde	6.375	77	550716	46.726	ng	99
10) Phenol	6.463	94	1028243	40.018	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	763888	36.820	ng	99
12) 1,3-Dichlorobenzene	6.769	146	869946	38.761	ng	99
13) 1,4-Dichlorobenzene	6.845	146	868210	38.373	ng	99
14) 1,2-Dichlorobenzene	6.998	146	813933	38.583	ng	99
15) Benzyl Alcohol	6.969	79	680798	38.126	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1171000	37.323	ng	100
17) 2-Methylphenol	7.075	107	645163	38.186	ng	100
18) Hexachloroethane	7.339	117	321897	40.050	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	561042	36.854	ng	99
20) 3+4-Methylphenols	7.228	107	807118	37.750	ng	97
22) Acetophenone	7.239	105	1045985	37.589	ng	99
24) Nitrobenzene	7.410	77	870161	43.922	ng	97
25) Isophorone	7.651	82	1465898	37.995	ng	100
26) 2-Nitrophenol	7.728	139	391984	48.249	ng	98
27) 2,4-Dimethylphenol	7.757	122	548642	38.910	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	927341	37.936	ng	100
29) 2,4-Dichlorophenol	7.963	162	640145	40.029	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	717039	39.615	ng	100
31) Naphthalene	8.133	128	2292123	38.348	ng	100
32) Benzoic acid	7.863	122	543727	47.041	ng	97
33) 4-Chloroaniline	8.181	127	839322	38.815	ng	99
34) Hexachlorobutadiene	8.251	225	423961	39.732	ng	100
35) Caprolactam	8.545	113	218197	40.135	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	689648	38.832	ng	98
37) 2-Methylnaphthalene	8.822	142	1467366	38.374	ng	100
38) 1-Methylnaphthalene	8.922	142	1441253	38.352	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	657935	39.579	ng	99
41) Hexachlorocyclopentadiene	8.975	237	233722	42.427	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	453624	41.001	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141031.D
 Acq On : 30 Dec 2024 15:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 30 15:45:41 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

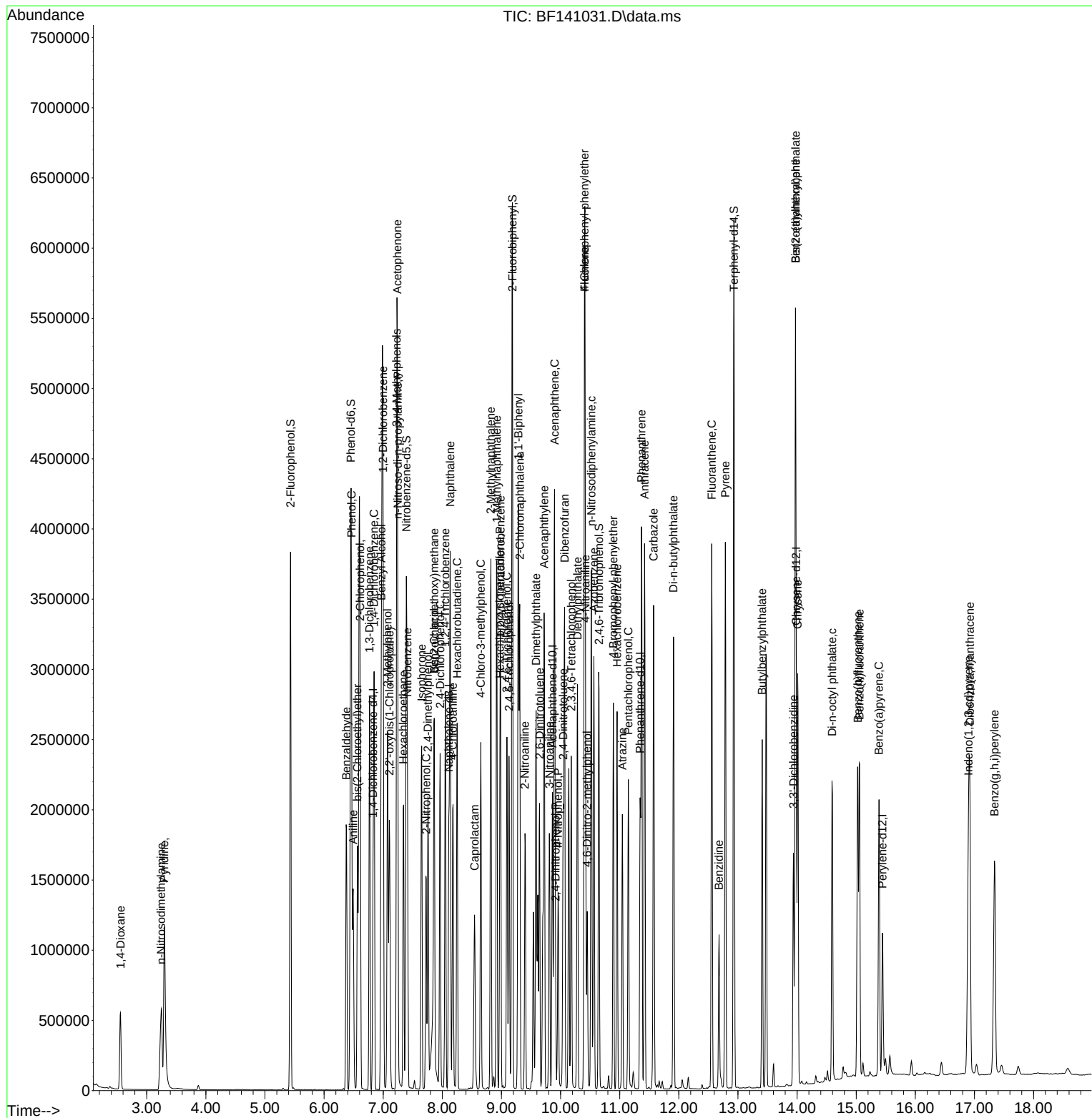
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	484734	42.819	ng	99
46) 1,1'-Biphenyl	9.286	154	1774415	38.352	ng	99
47) 2-Chloronaphthalene	9.310	162	1394740	38.869	ng	99
48) 2-Nitroaniline	9.398	65	430660	46.083	ng	97
49) Acenaphthylene	9.722	152	1998339	38.686	ng	100
50) Dimethylphthalate	9.586	163	1552832	39.070	ng	100
51) 2,6-Dinitrotoluene	9.645	165	366493	45.428	ng	95
52) Acenaphthene	9.898	154	1390959	39.831	ng	99
53) 3-Nitroaniline	9.810	138	387849	44.272	ng	# 94
54) 2,4-Dinitrophenol	9.916	184	152915	56.064	ng	# 1
55) Dibenzofuran	10.069	168	1897580	38.665	ng	99
56) 4-Nitrophenol	9.957	139	311229	45.778	ng	97
57) 2,4-Dinitrotoluene	10.045	165	475598	47.955	ng	95
58) Fluorene	10.410	166	1452134	38.157	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	401409	42.815	ng	97
60) Diethylphthalate	10.286	149	1522617	38.805	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	716079	39.104	ng	97
62) 4-Nitroaniline	10.422	138	378356	43.316	ng	94
63) Azobenzene	10.563	77	1551826	37.680	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	227945	53.525	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1283897	39.124	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	470632	41.777	ng	97
68) Hexachlorobenzene	10.957	284	505851	40.722	ng	99
69) Atrazine	11.045	200	317858	34.671	ng	100
70) Pentachlorophenol	11.145	266	349324	45.167	ng	99
71) Phenanthrene	11.369	178	2127169	38.783	ng	100
72) Anthracene	11.422	178	2068767	38.493	ng	100
73) Carbazole	11.574	167	1921678	37.195	ng	100
74) Di-n-butylphthalate	11.910	149	2279320	38.788	ng	100
75) Fluoranthene	12.557	202	2147665	36.104	ng	99
77) Benzidine	12.680	184	606634	50.432	ng	100
78) Pyrene	12.786	202	2132823	42.847	ng	100
80) Butylbenzylphthalate	13.410	149	759435	41.781	ng	100
81) Benzo(a)anthracene	13.974	228	1473101	37.136	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	494240	41.470	ng	99
83) Chrysene	14.010	228	1428944	39.961	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	919539	39.001	ng	100
85) Di-n-octyl phthalate	14.592	149	1392731	40.813	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1651010	46.092	ng	98
88) Benzo(b)fluoranthene	15.027	252	1399852	35.303	ng	99
89) Benzo(k)fluoranthene	15.057	252	1223125	39.356	ng	99
90) Benzo(a)pyrene	15.386	252	1191505	38.714	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1345942	46.355	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1406501	46.704	ng	100

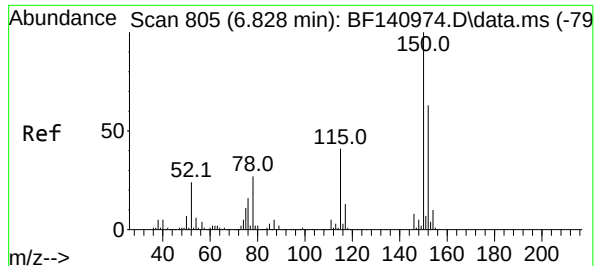
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF141031.D  
Acq On    : 30 Dec 2024 15:20  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 30 15:45:41 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

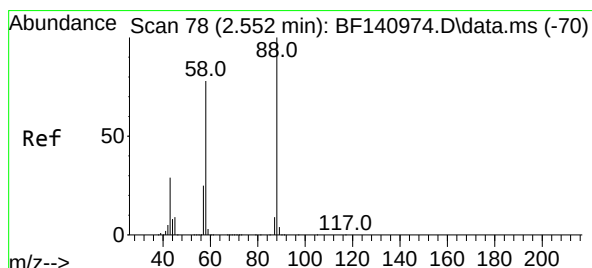
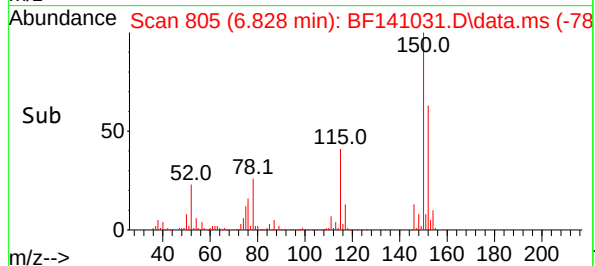
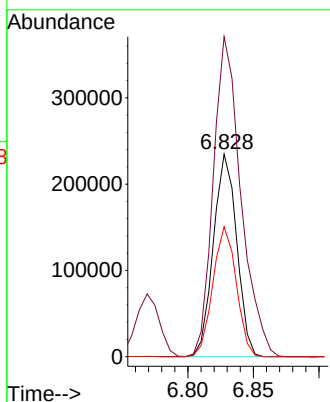
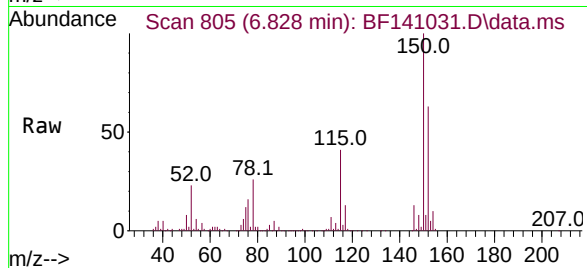




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

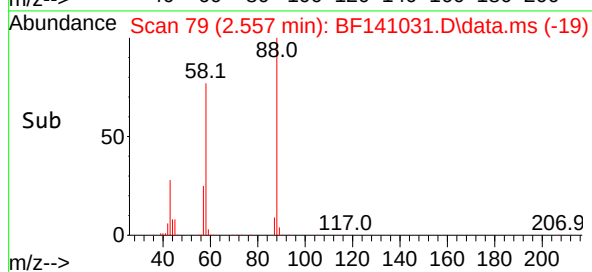
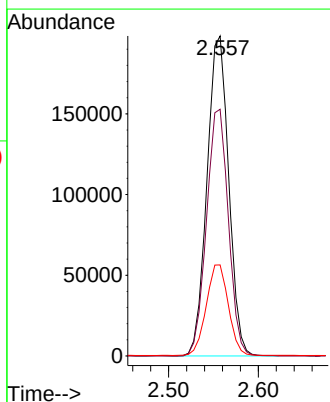
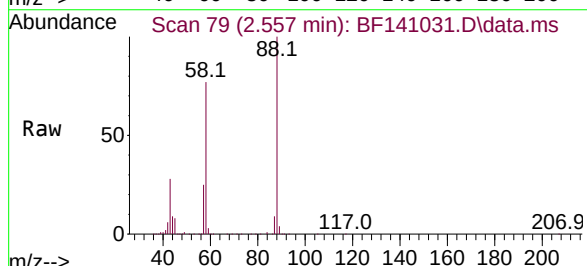
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

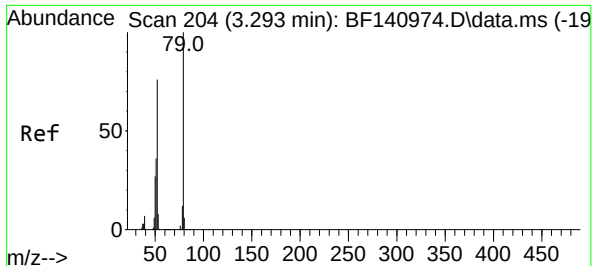
Tgt Ion:152 Resp: 290764
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 64.1 51.7 77.5



#2
1,4-Dioxane
Concen: 38.163 ng
RT: 2.557 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 88 Resp: 333276
Ion Ratio Lower Upper
88 100
58 77.6 63.0 94.4
43 28.8 23.4 35.2

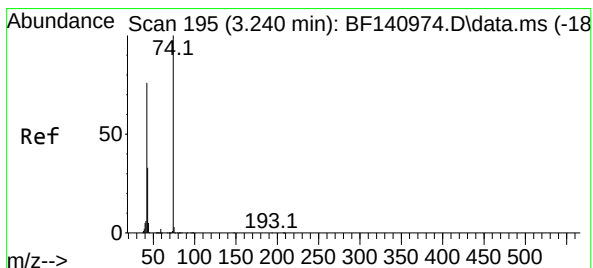
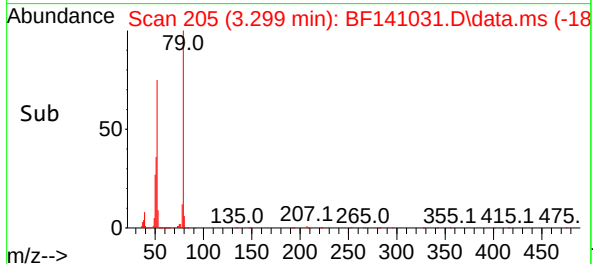
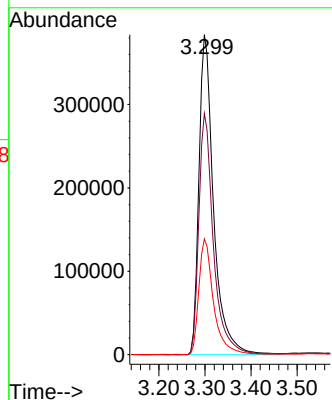
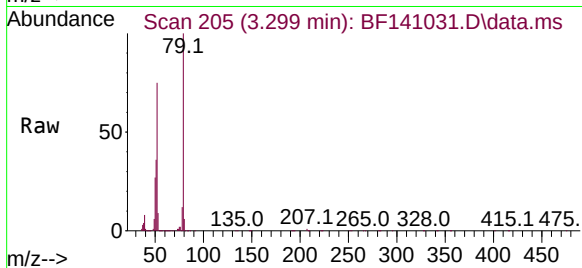




#3
Pyridine
Concen: 39.878 ng
RT: 3.299 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

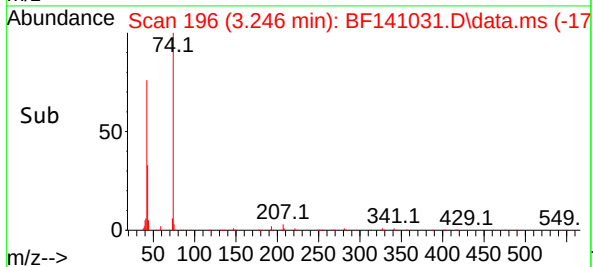
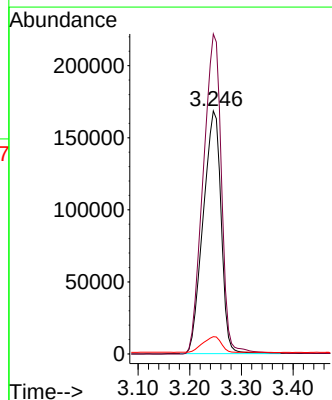
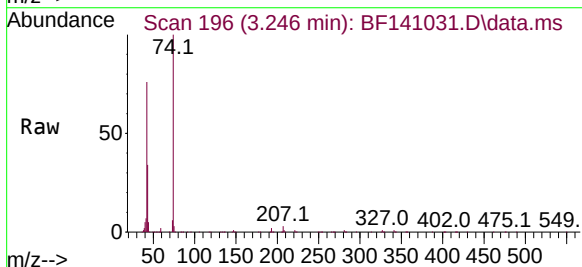
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

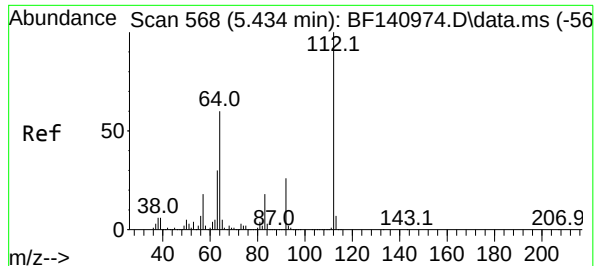
Tgt Ion: 79 Resp: 851066
Ion Ratio Lower Upper
79 100
52 75.4 60.4 90.6
51 36.2 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 37.582 ng
RT: 3.246 min Scan# 196
Delta R.T. 0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 42 Resp: 406392
Ion Ratio Lower Upper
42 100
74 131.7 105.8 158.6
44 7.1 6.6 10.0

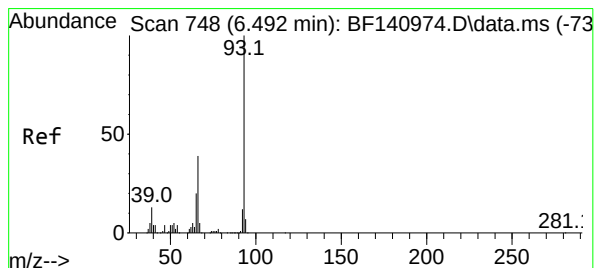
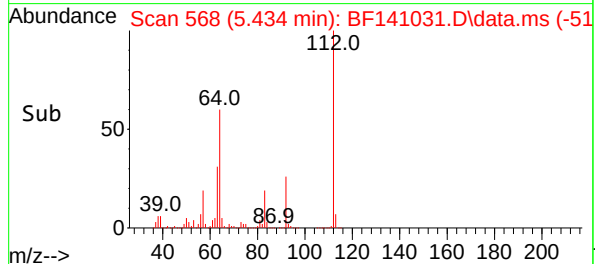
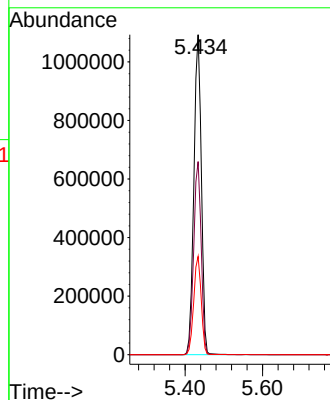
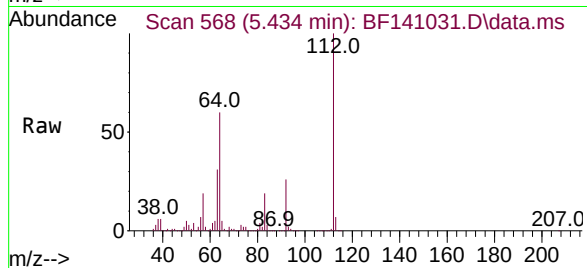




#5
2-Fluorophenol
Concen: 76.023 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

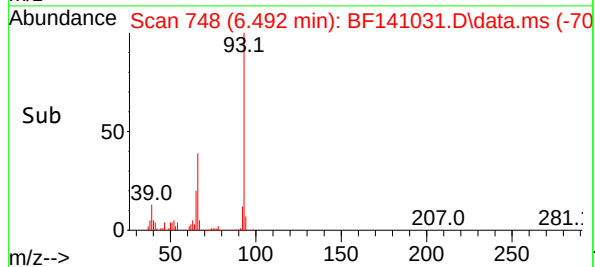
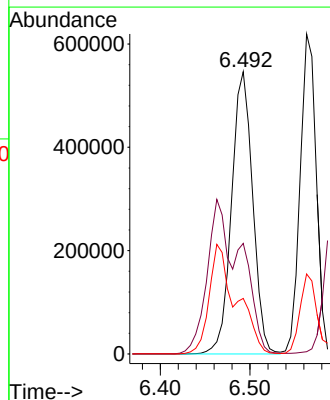
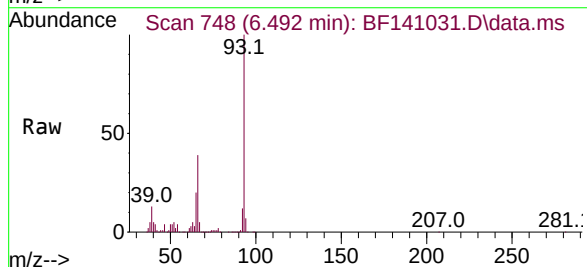
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

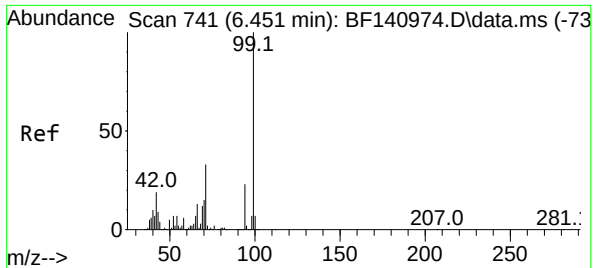
Tgt Ion:112 Resp: 1466439
Ion Ratio Lower Upper
112 100
64 60.4 47.7 71.5
63 30.7 24.2 36.2



#6
Aniline
Concen: 40.333 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 93 Resp: 893856
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.8
65 19.7 15.4 23.0

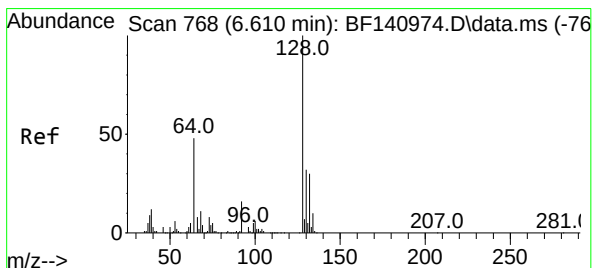
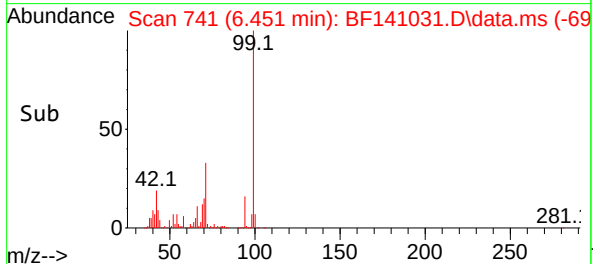
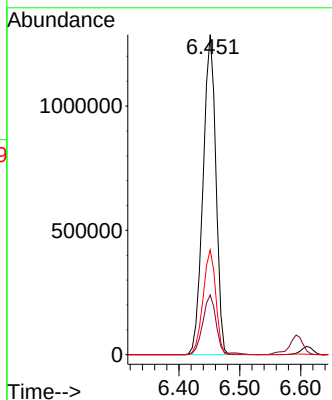
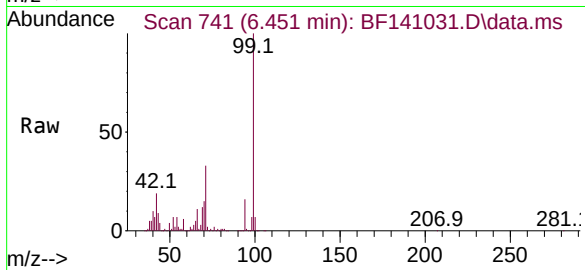




#7
Phenol-d6
Concen: 75.862 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

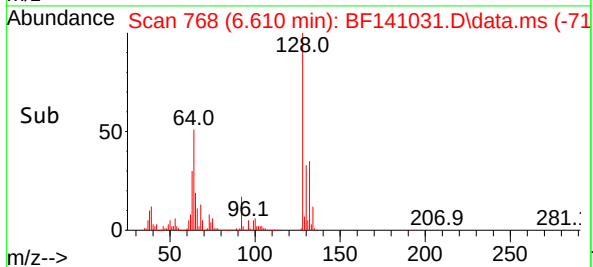
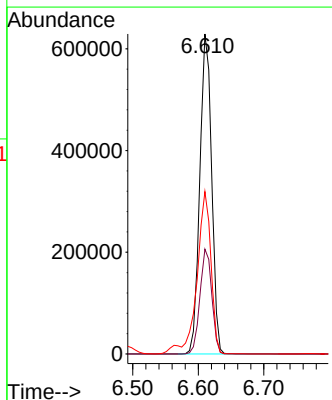
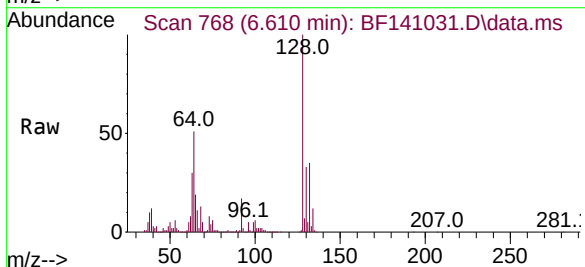
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

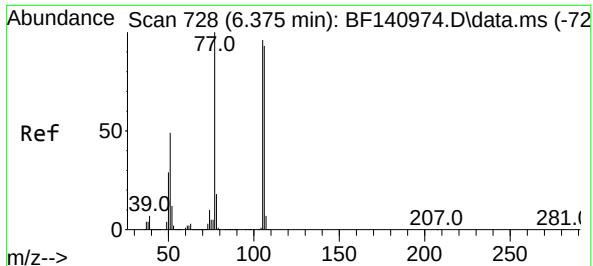
Tgt Ion: 99 Resp: 1885096
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 32.8 26.2 39.2



#8
2-Chlorophenol
Concen: 38.912 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 128 Resp: 791355
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 50.7 30.3 70.3





#9

Benzaldehyde

Concen: 46.726 ng

RT: 6.375 min Scan# 728

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

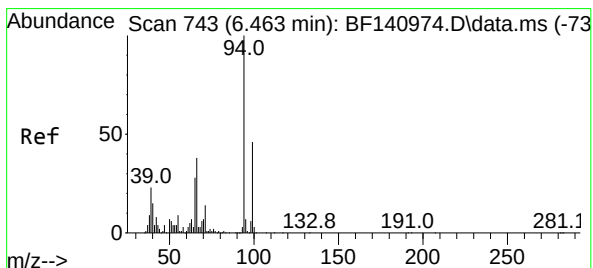
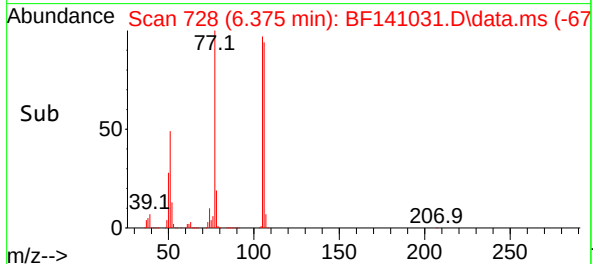
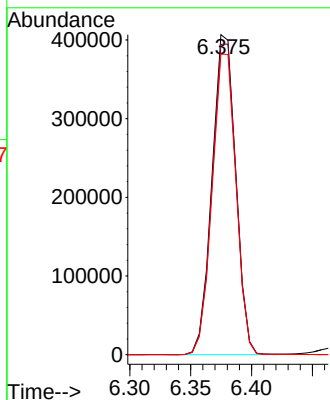
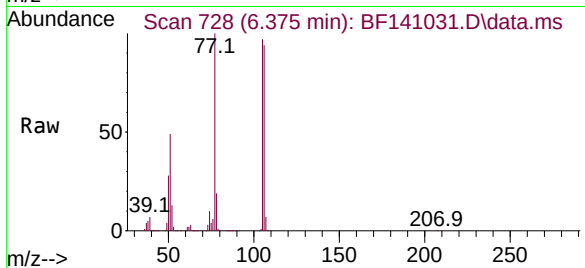
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 550716

Ion	Ratio	Lower	Upper
77	100		
105	97.0	76.2	116.2
106	93.9	73.4	113.4



#10

Phenol

Concen: 40.018 ng

RT: 6.463 min Scan# 743

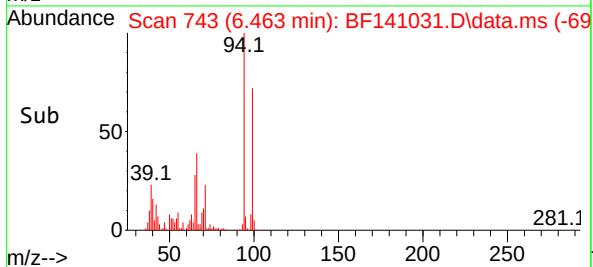
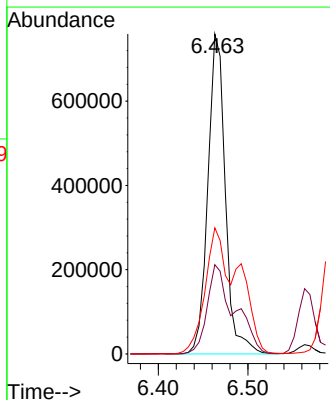
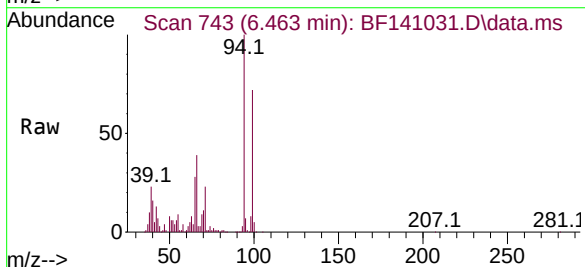
Delta R.T. -0.000 min

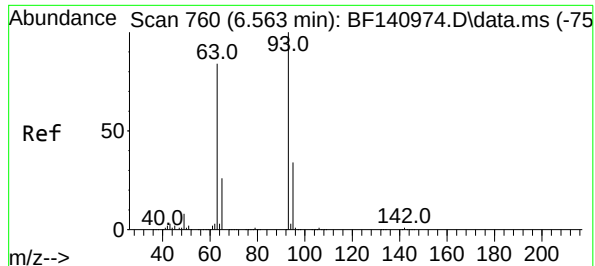
Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion: 94 Resp: 1028243

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.1	48.1
66	39.4	18.7	58.7

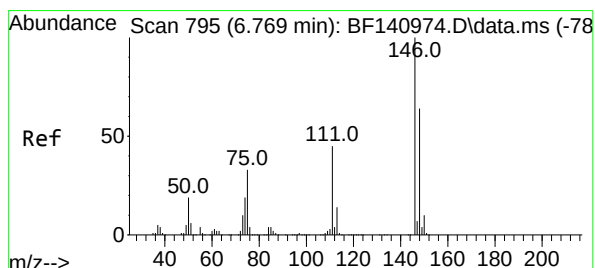
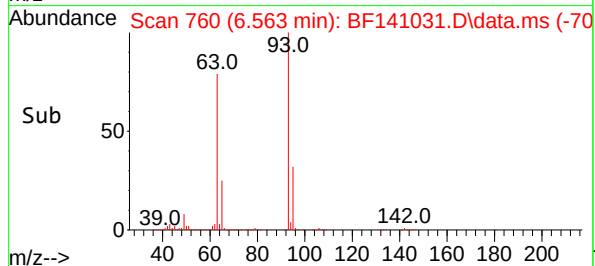
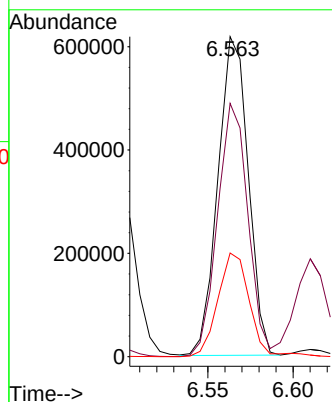
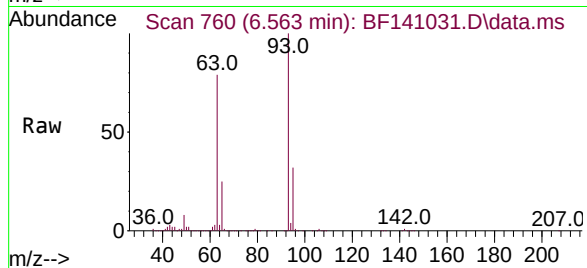




#11
bis(2-Chloroethyl)ether
Concen: 36.820 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

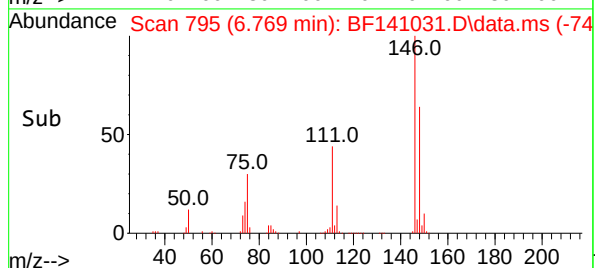
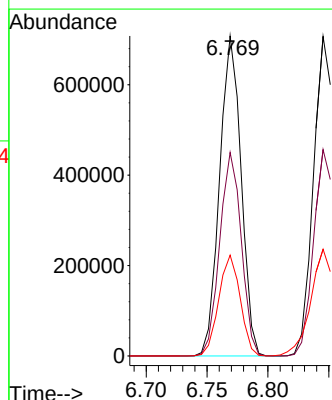
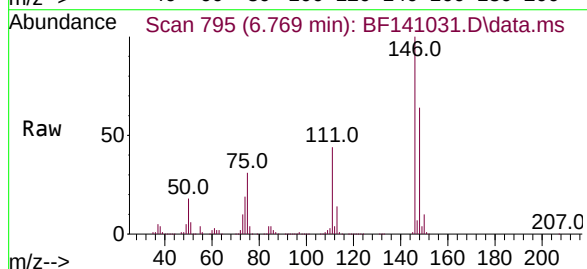
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

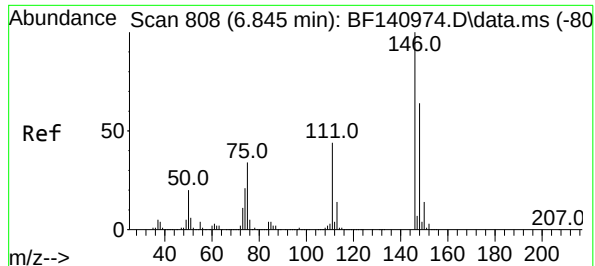
Tgt Ion: 93 Resp: 763888
Ion Ratio Lower Upper
93 100
63 79.1 60.3 100.3
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 38.761 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 146 Resp: 869946
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 31.5 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.373 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

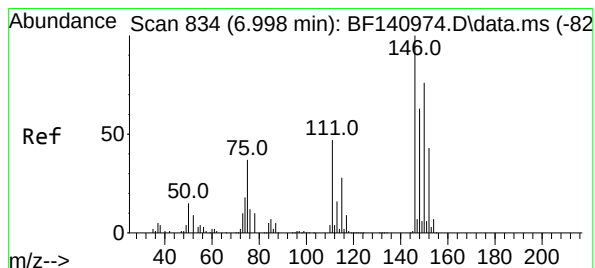
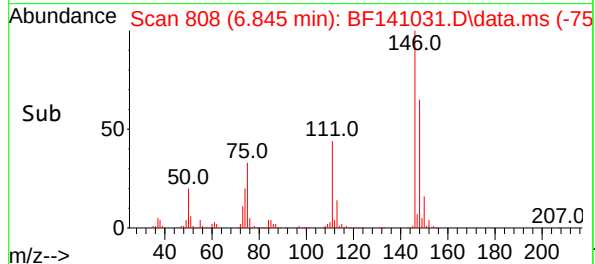
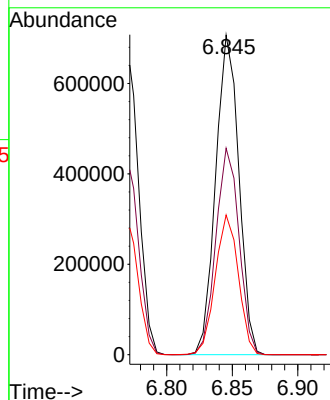
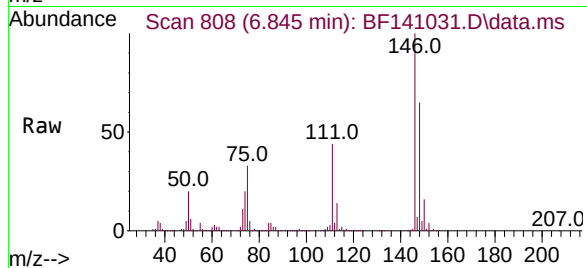
Tgt Ion:146 Resp: 868210

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 43.7 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 38.583 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

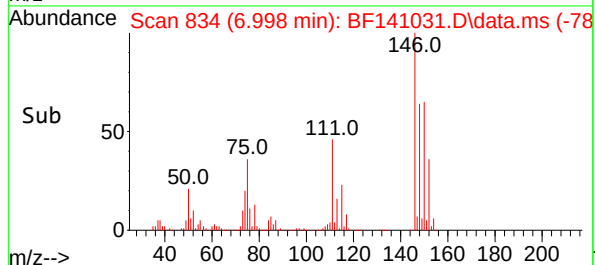
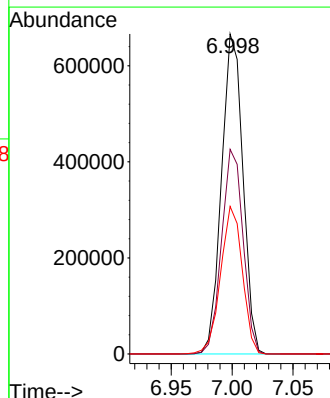
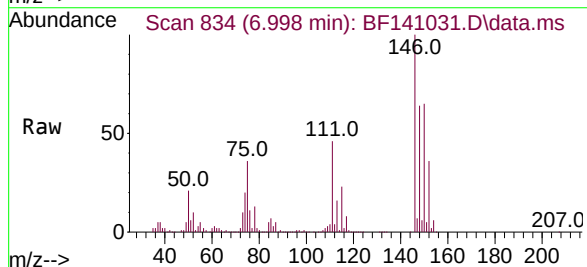
Tgt Ion:146 Resp: 813933

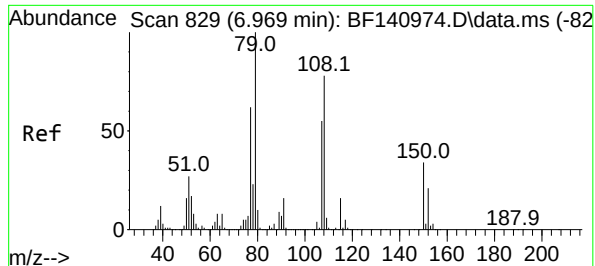
Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

111 46.1 37.3 55.9





#15

Benzyl Alcohol

Concen: 38.126 ng

RT: 6.969 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

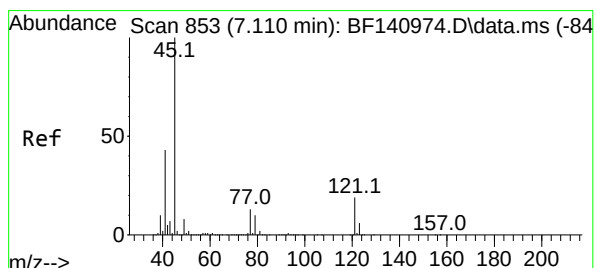
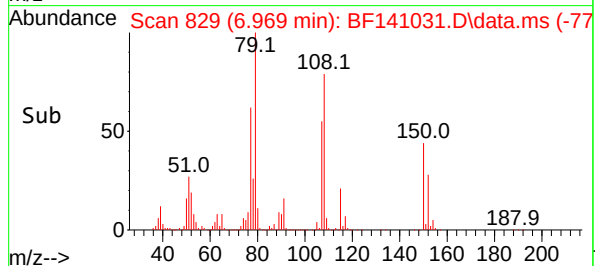
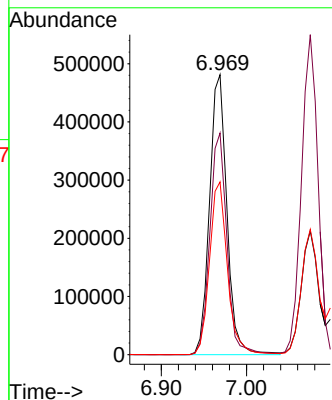
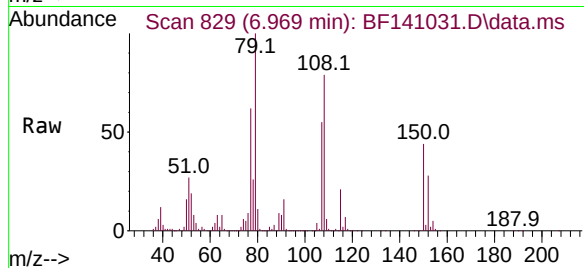
Tgt Ion: 79 Resp: 680798

Ion Ratio Lower Upper

79 100

108 79.1 62.5 93.7

77 61.8 49.3 73.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.323 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

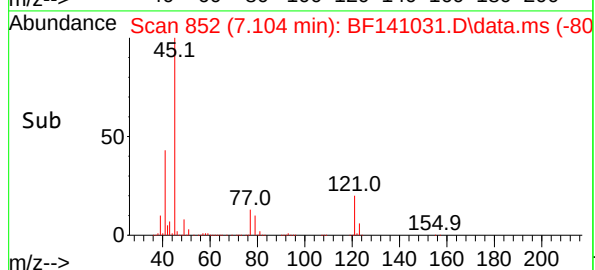
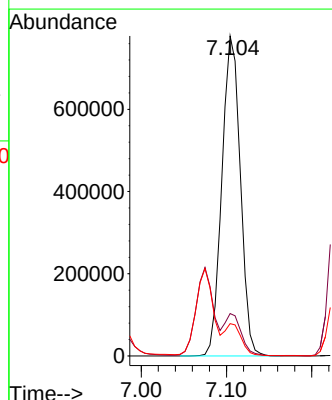
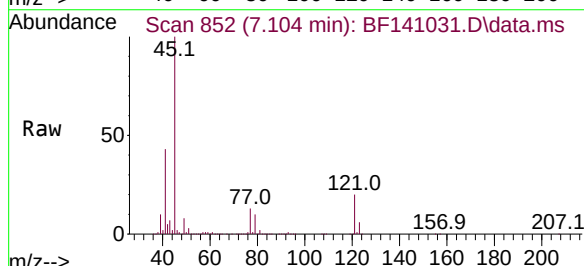
Tgt Ion: 45 Resp: 1171000

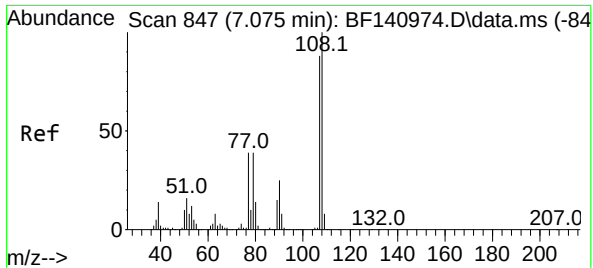
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.1

79 10.1 0.0 30.1

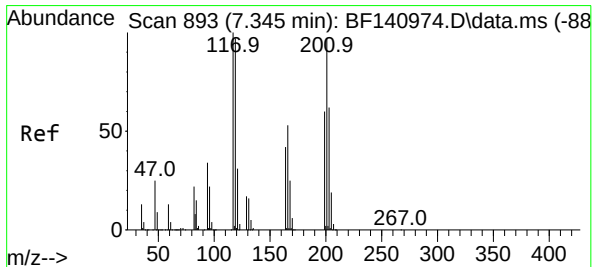
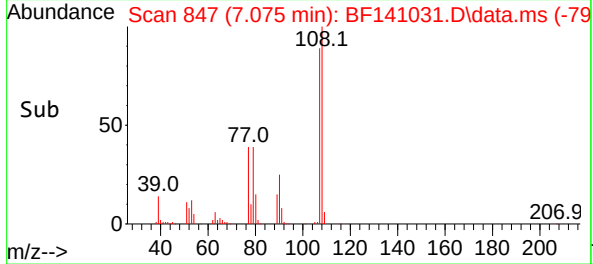
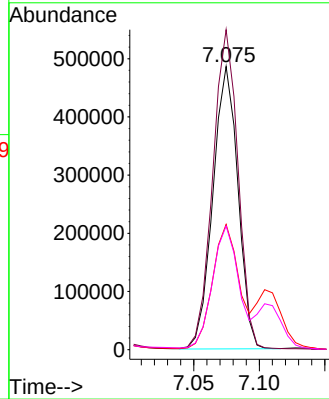
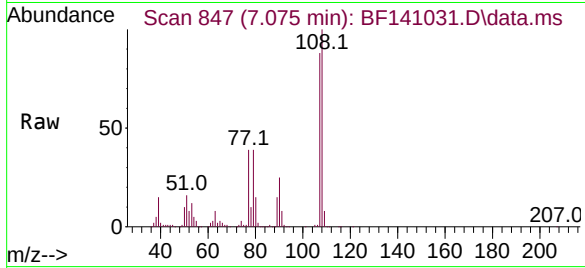




#17
2-Methylphenol
Concen: 38.186 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

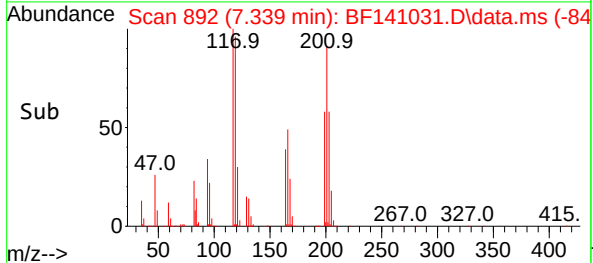
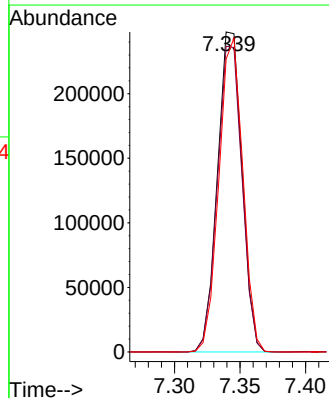
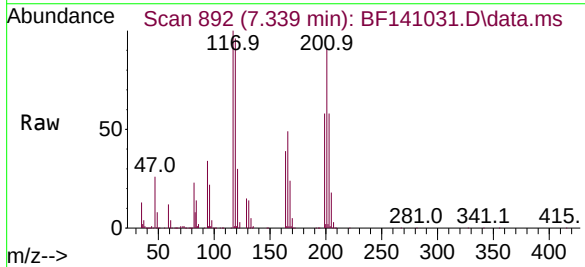
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

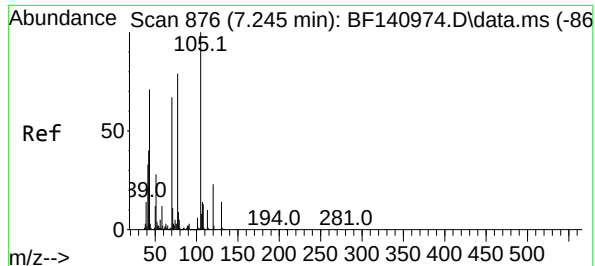
Tgt Ion:107 Resp: 645163
Ion Ratio Lower Upper
107 100
108 113.0 90.6 136.0
77 44.3 35.3 52.9
79 43.7 35.3 52.9



#18
Hexachloroethane
Concen: 40.050 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:117 Resp: 321897
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3
201 91.5 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.854 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 561042

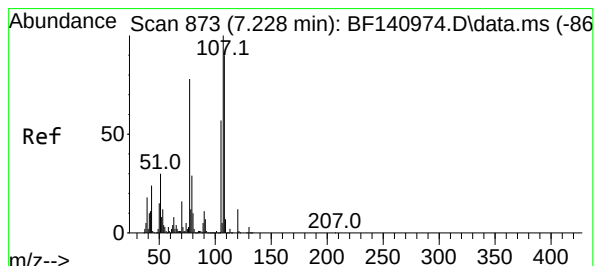
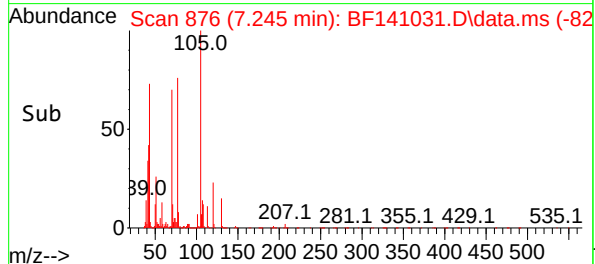
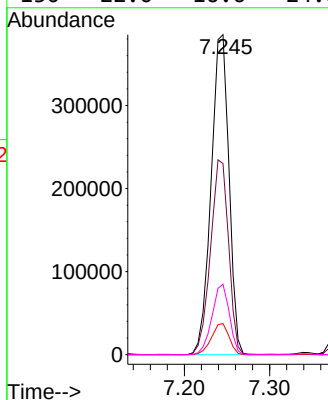
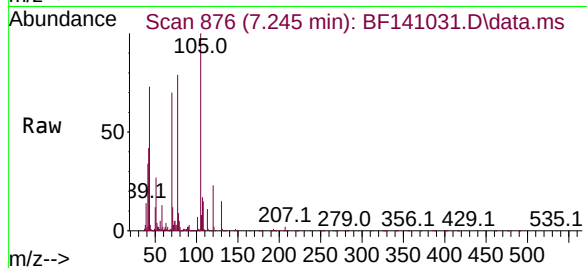
Ion Ratio Lower Upper

70 100

42 59.7 48.1 72.1

101 9.7 7.6 11.4

130 22.0 16.6 24.8



#20

3+4-Methylphenols

Concen: 37.750 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion: 107 Resp: 807118

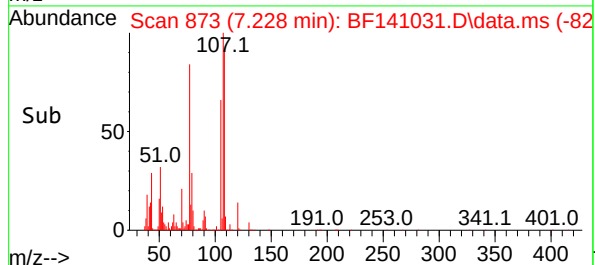
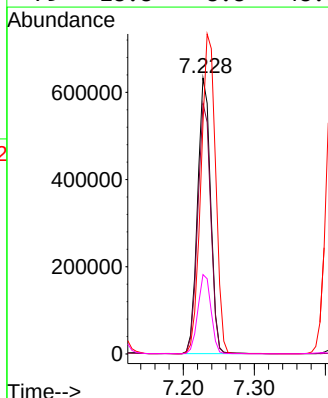
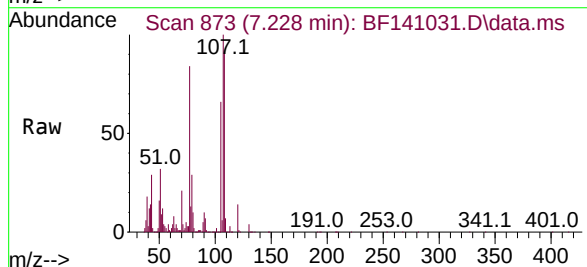
Ion Ratio Lower Upper

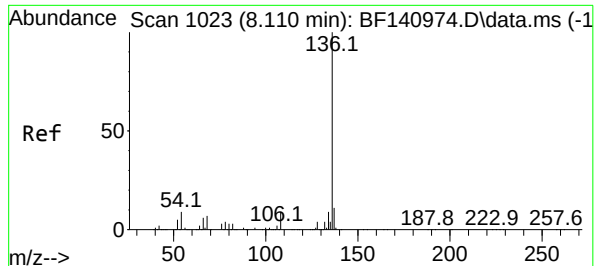
107 100

108 90.8 69.6 109.6

77 83.8 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: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1134328

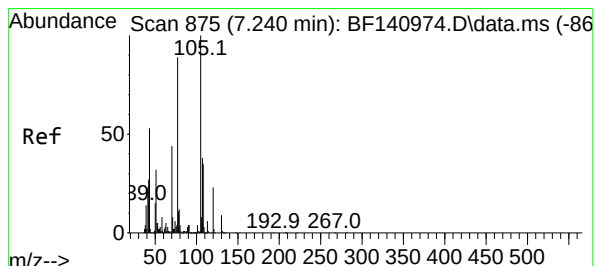
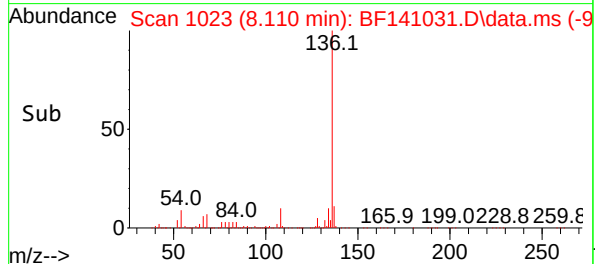
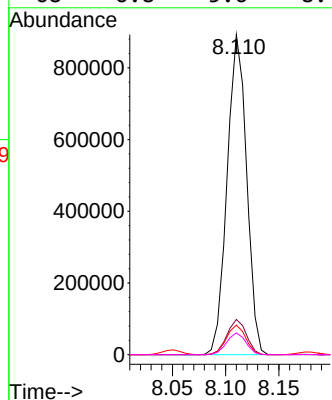
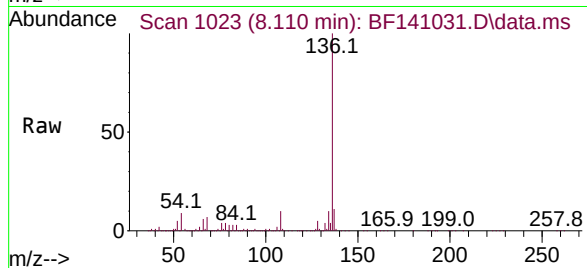
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 9.3 7.6 11.4

68 6.8 5.6 8.4



#22

Acetophenone

Concen: 37.589 ng

RT: 7.239 min Scan# 875

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion:105 Resp: 1045985

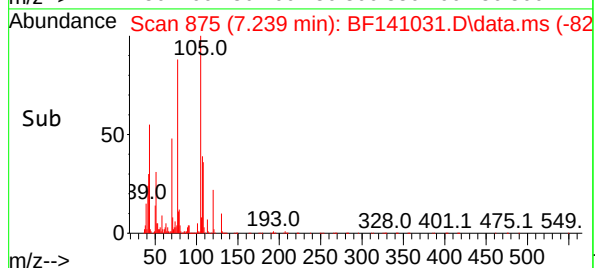
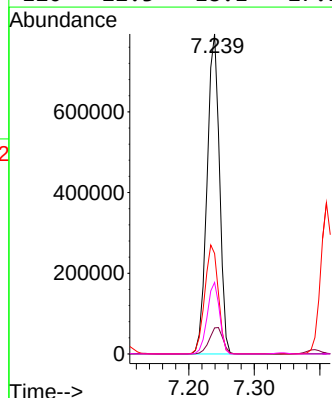
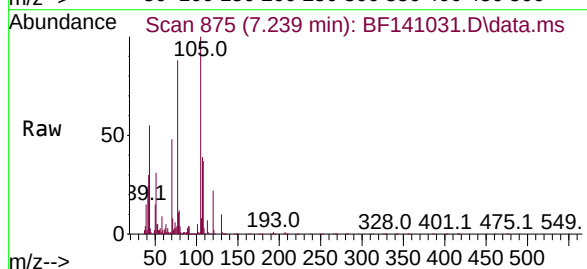
Ion Ratio Lower Upper

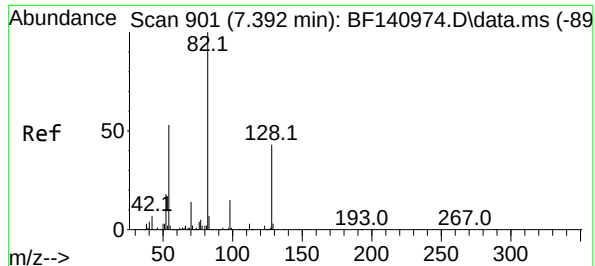
105 100

71 8.2 6.1 9.1

51 31.4 25.8 38.6

120 22.3 18.1 27.1





#23

Nitrobenzene-d5

Concen: 92.777 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

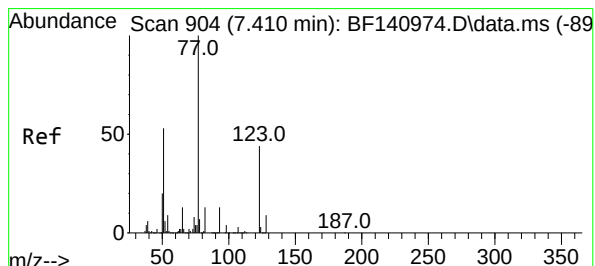
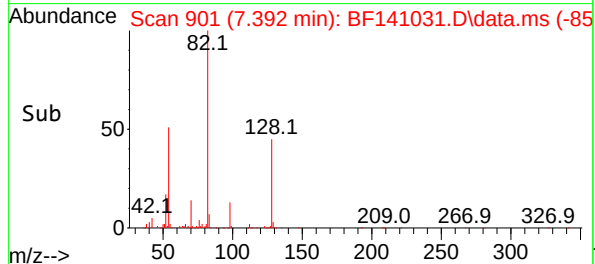
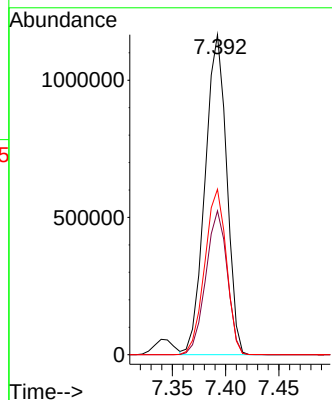
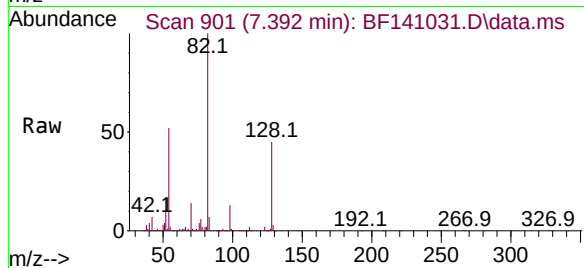
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1644928

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.4	51.6
54	51.7	42.4	63.6



#24

Nitrobenzene

Concen: 43.922 ng

RT: 7.410 min Scan# 904

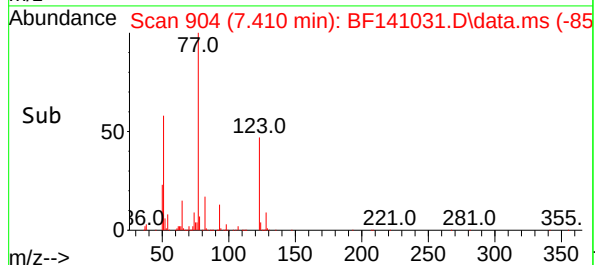
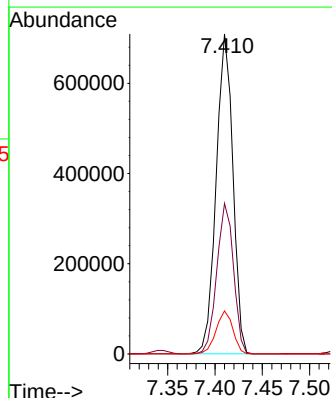
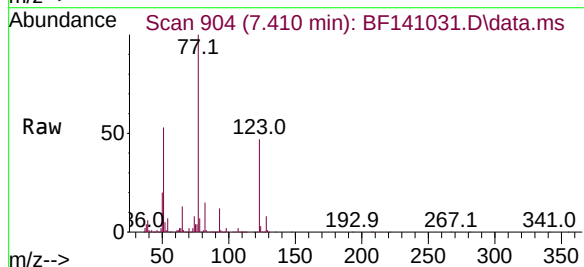
Delta R.T. -0.000 min

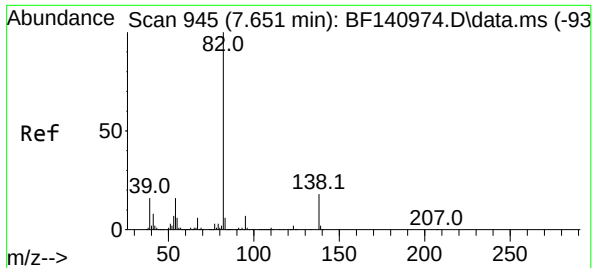
Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion: 77 Resp: 870161

Ion	Ratio	Lower	Upper
77	100		
123	47.1	35.4	53.2
65	13.4	10.7	16.1

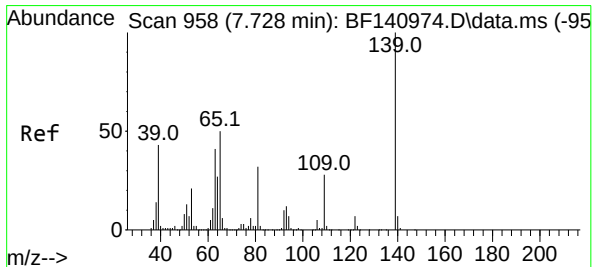
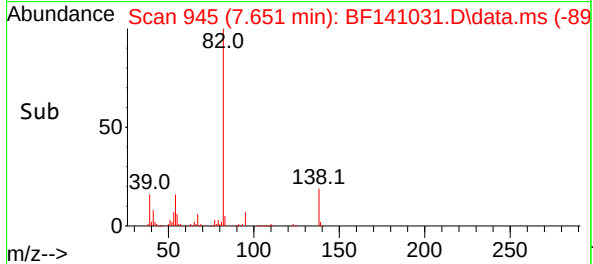
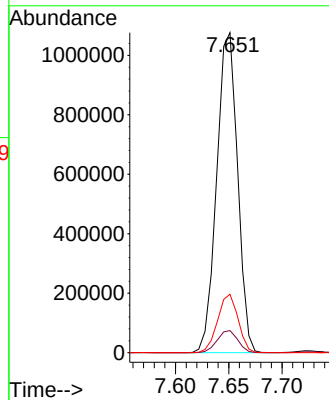
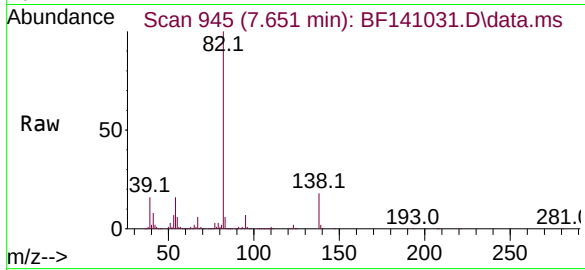




#25
Isophorone
Concen: 37.995 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

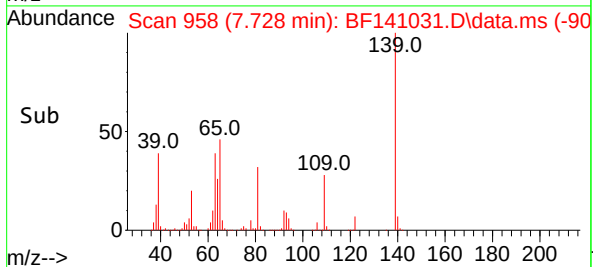
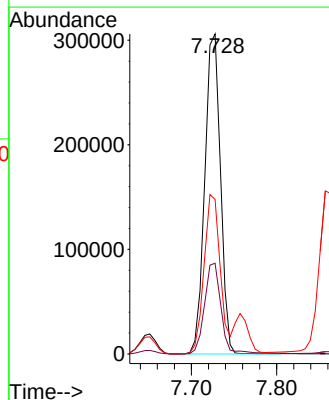
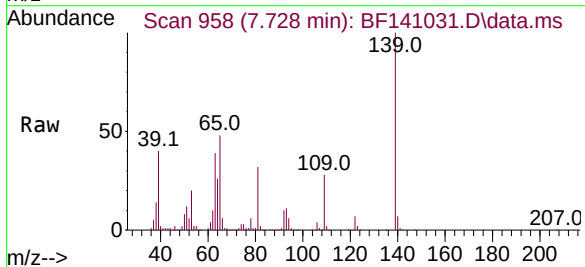
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

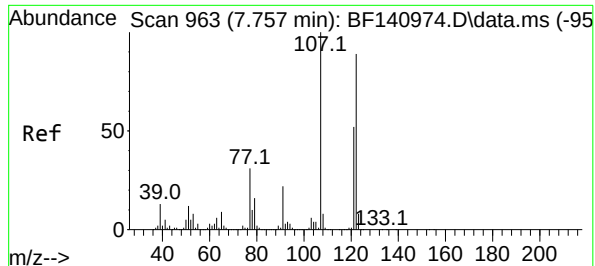
Tgt Ion: 82 Resp: 1465898
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 48.249 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 139 Resp: 391984
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 48.3 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 38.910 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

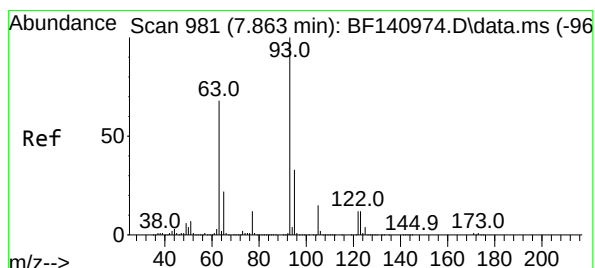
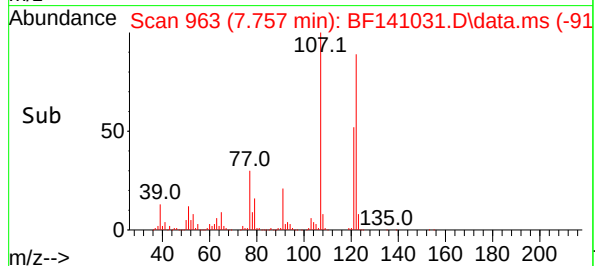
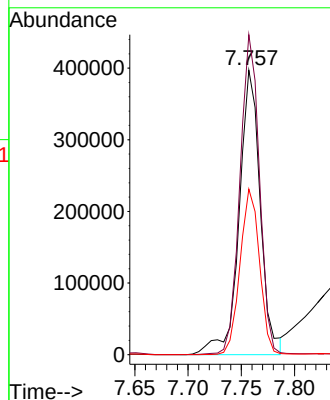
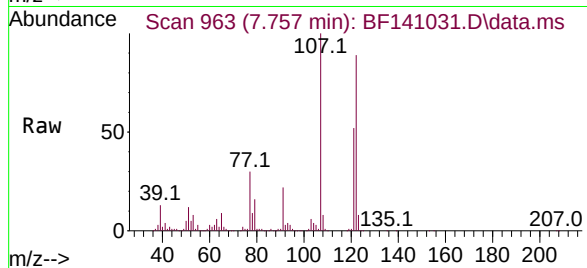
Tgt Ion:122 Resp: 548642

Ion Ratio Lower Upper

122 100

107 112.5 89.4 134.2

121 58.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.936 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

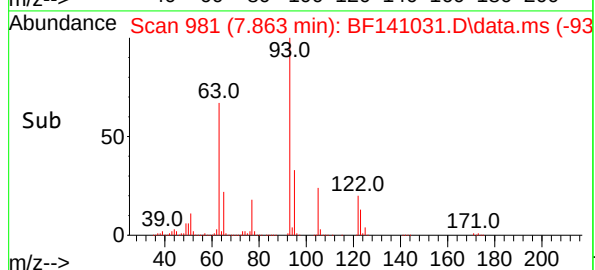
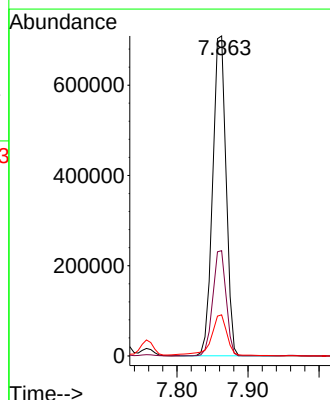
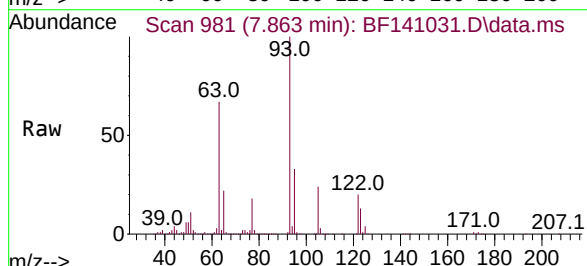
Tgt Ion: 93 Resp: 927341

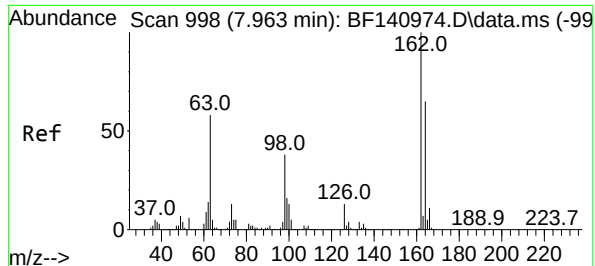
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.029 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

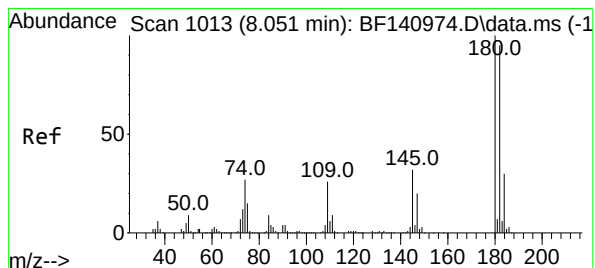
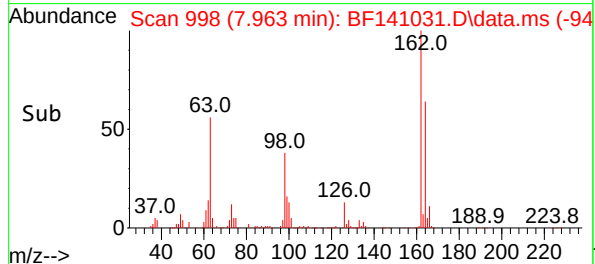
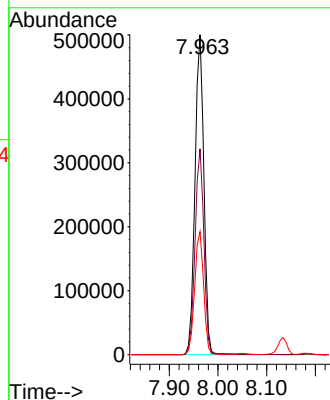
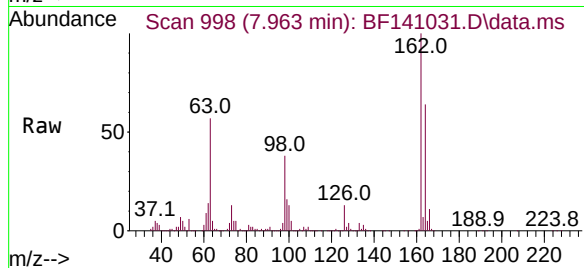
Tgt Ion:162 Resp: 640145

Ion Ratio Lower Upper

162 100

164 64.4 44.8 84.8

98 38.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.615 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

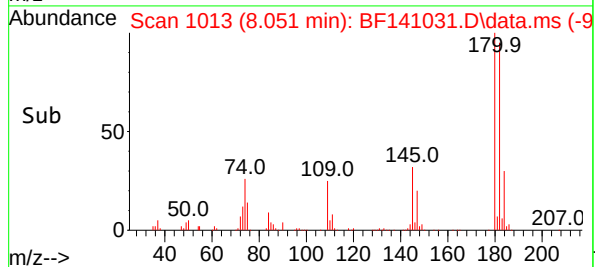
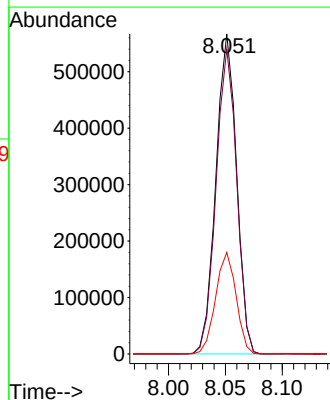
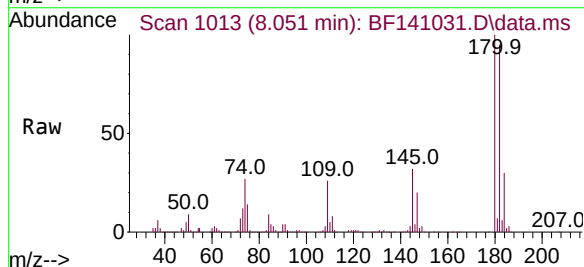
Tgt Ion:180 Resp: 717039

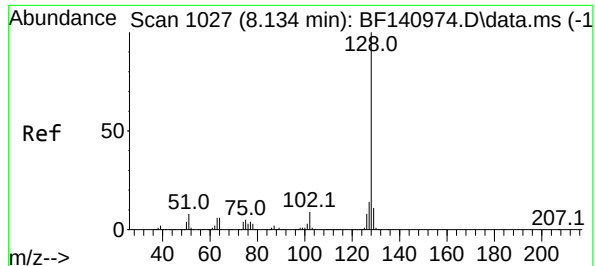
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 31.7 25.4 38.2

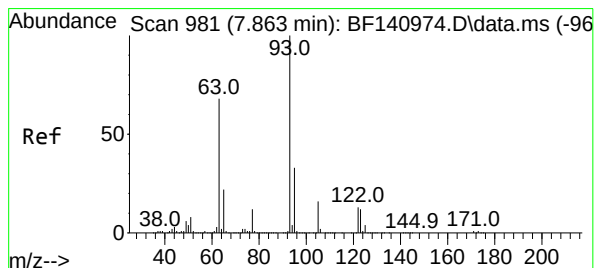
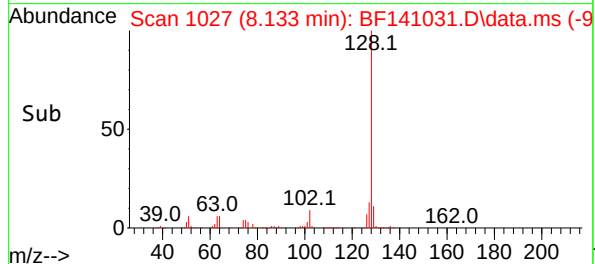
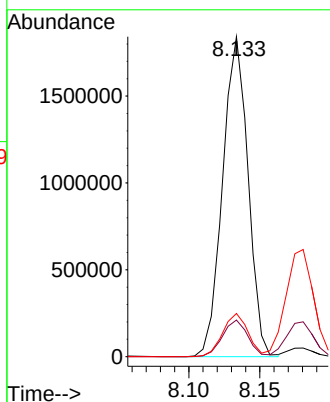
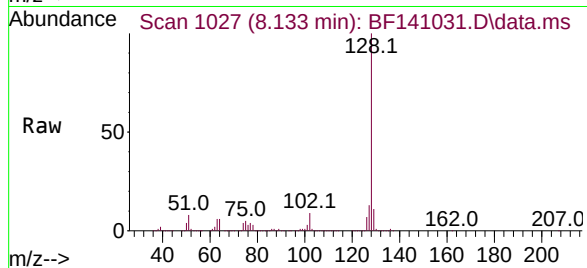




#31
Naphthalene
Concen: 38.348 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

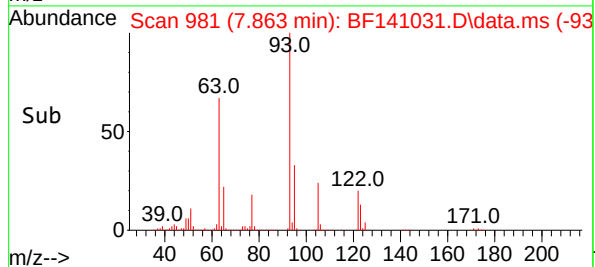
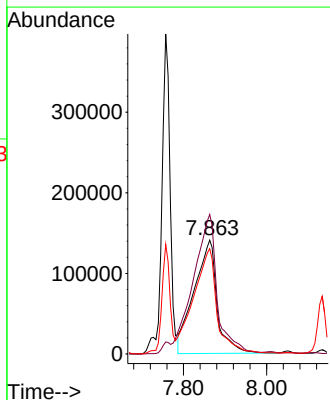
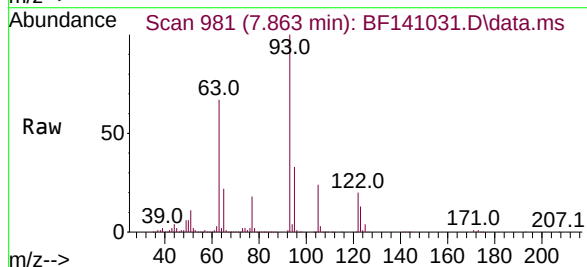
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

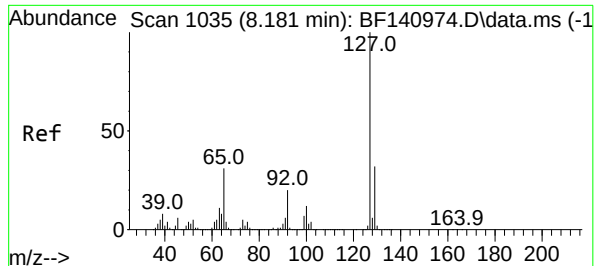
Tgt Ion:128 Resp: 2292123
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 47.041 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:122 Resp: 543727
Ion Ratio Lower Upper
122 100
105 122.7 105.4 145.4
77 92.5 76.4 116.4





#33

4-Chloroaniline

Concen: 38.815 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 839322

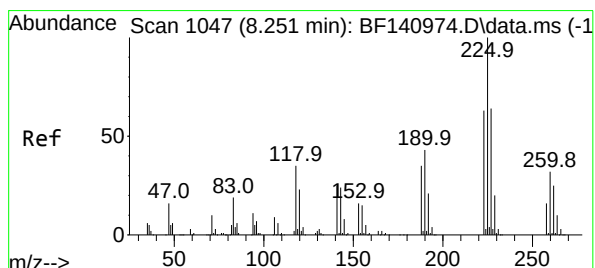
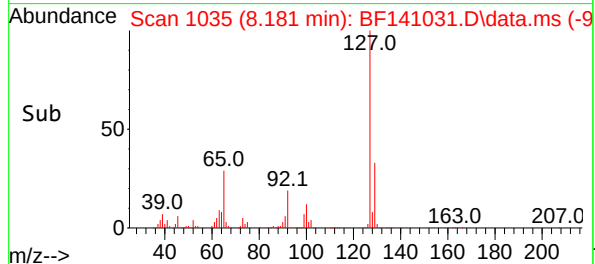
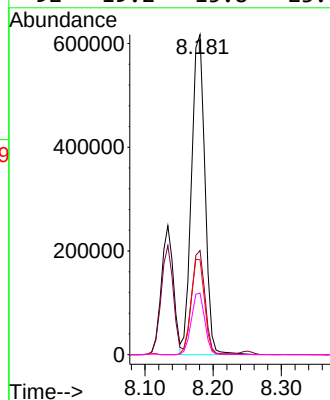
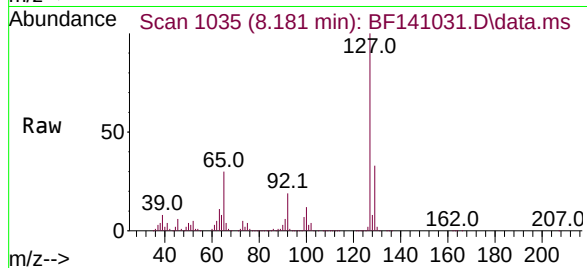
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 29.6 24.6 37.0

92 19.2 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.732 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

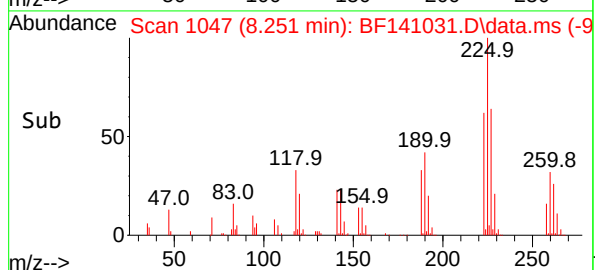
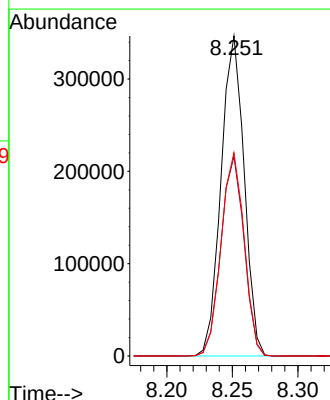
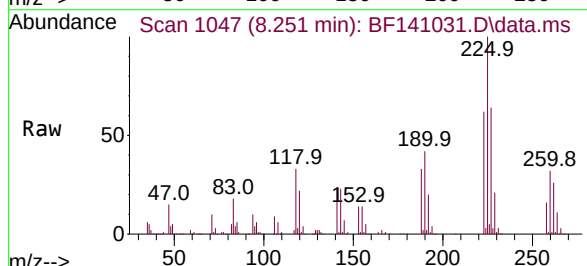
Tgt Ion:225 Resp: 423961

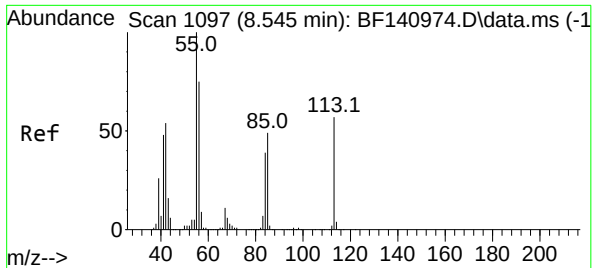
Ion Ratio Lower Upper

225 100

223 62.3 50.3 75.5

227 63.6 50.8 76.2





#35

Caprolactam

Concen: 40.135 ng

RT: 8.545 min Scan# 1097

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

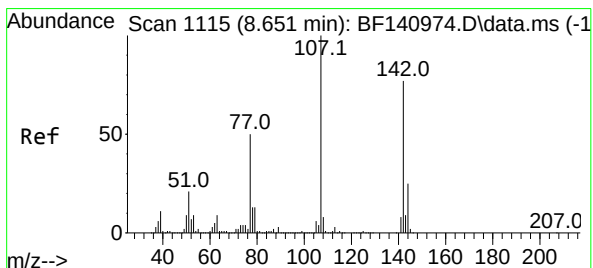
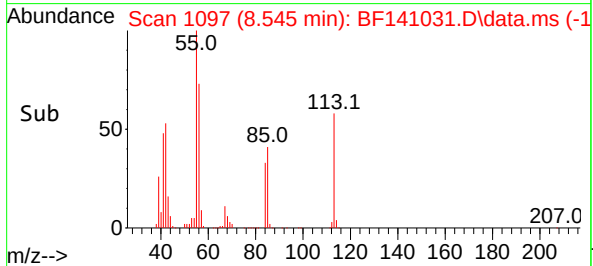
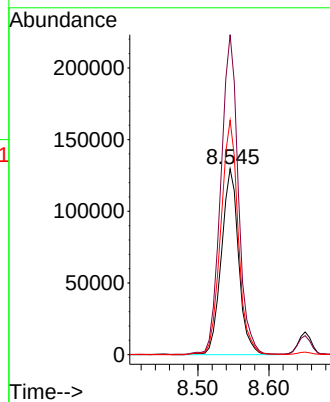
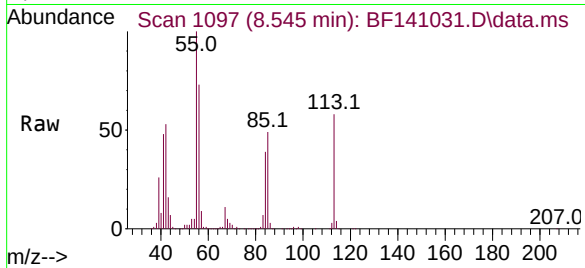
Tgt Ion:113 Resp: 218197

Ion Ratio Lower Upper

113 100

55 172.1 156.6 196.6

56 126.1 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 38.832 ng

RT: 8.651 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

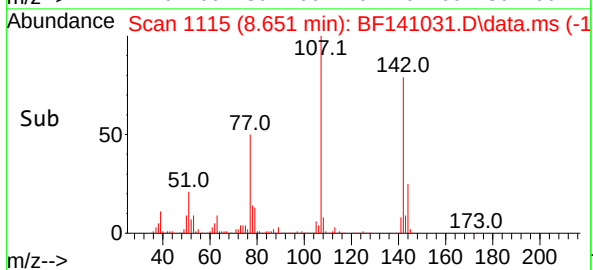
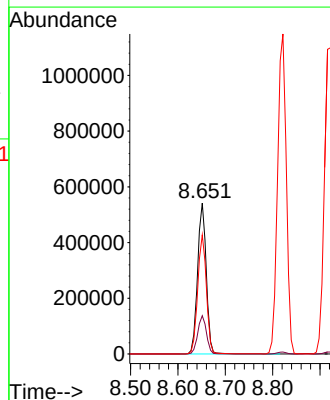
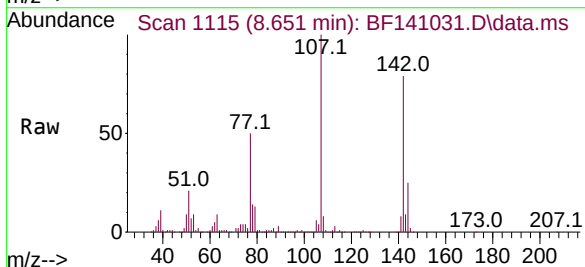
Tgt Ion:107 Resp: 689648

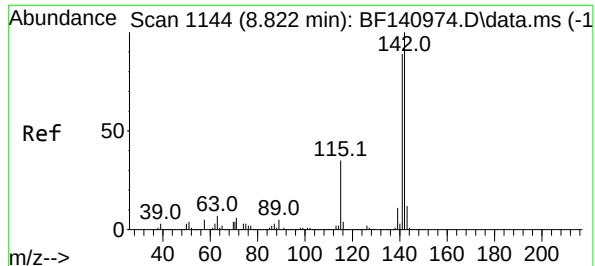
Ion Ratio Lower Upper

107 100

144 25.4 19.9 29.9

142 78.9 61.8 92.8





#37

2-Methylnaphthalene

Concen: 38.374 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

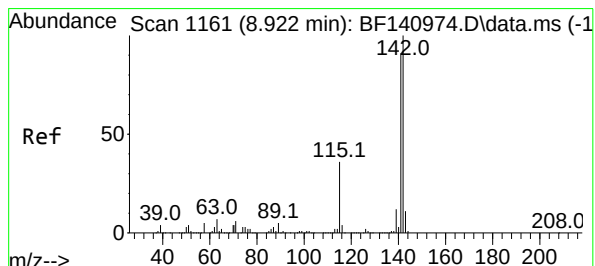
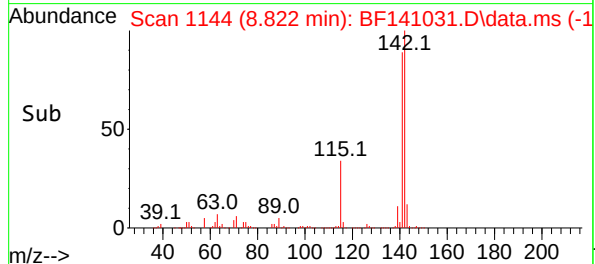
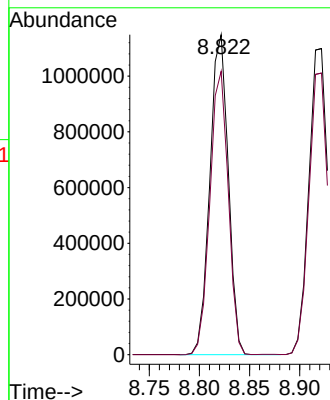
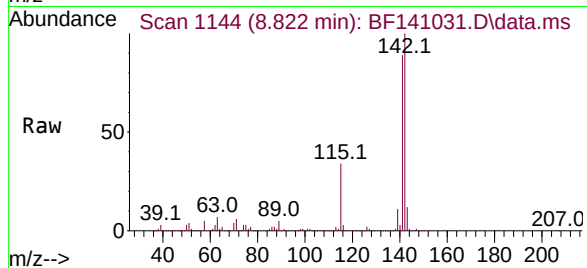
SSTDCCC040

Tgt Ion:142 Resp: 1467366

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.352 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF141031.D

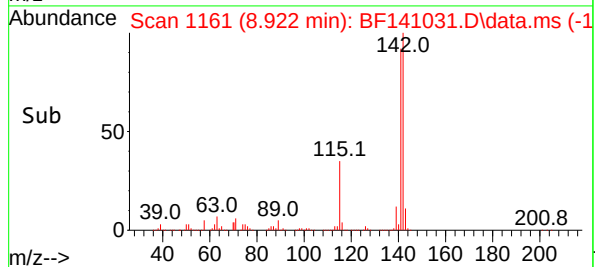
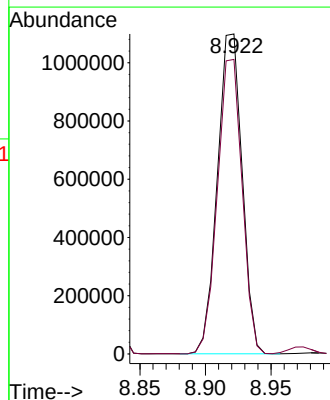
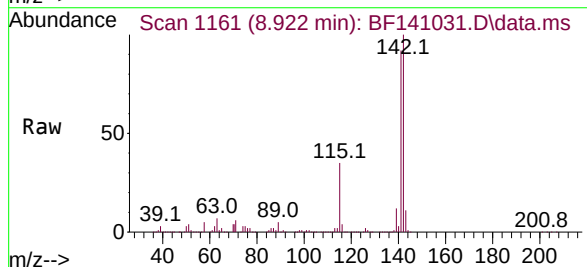
Acq: 30 Dec 2024 15:20

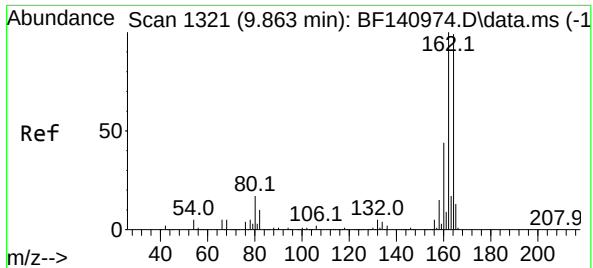
Tgt Ion:142 Resp: 1441253

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# 11

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

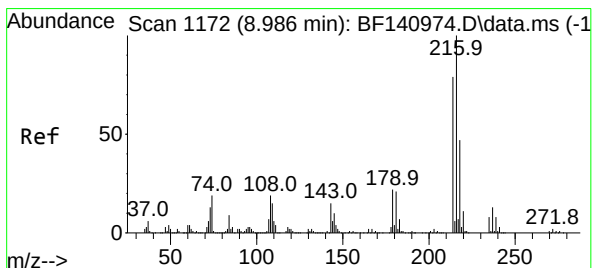
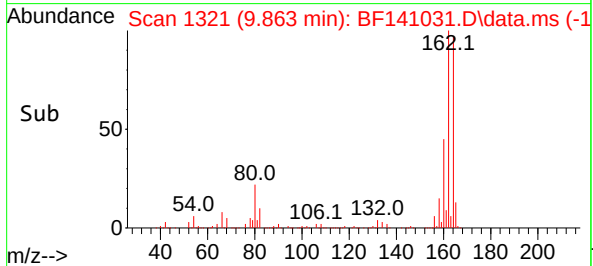
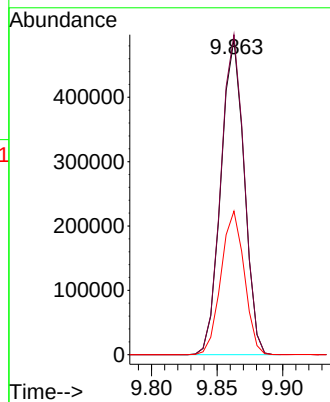
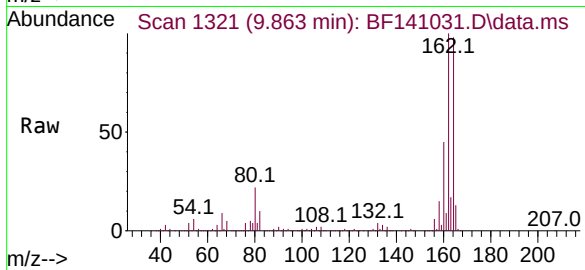
Tgt Ion:164 Resp: 604245

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 45.5 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.579 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion:216 Resp: 657935

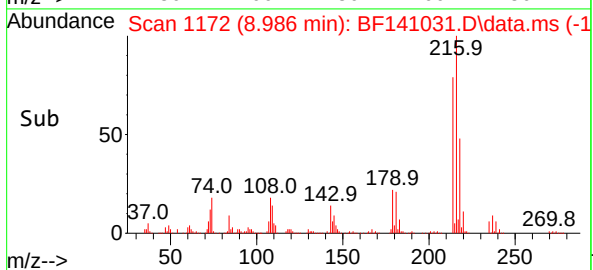
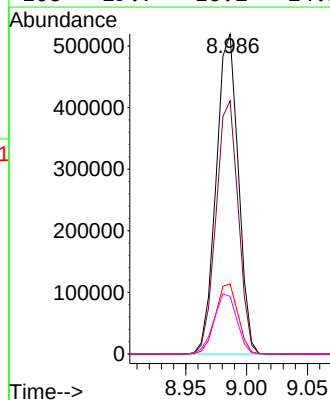
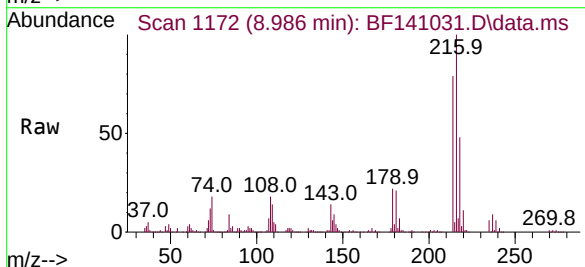
Ion Ratio Lower Upper

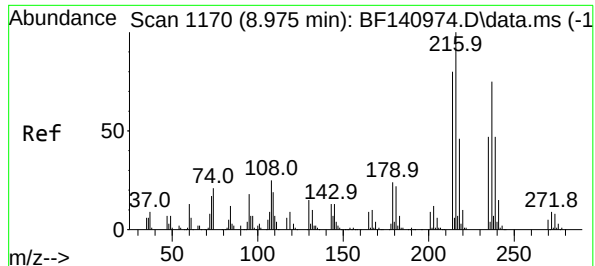
216 100

214 79.2 63.0 94.6

179 22.1 17.9 26.9

108 19.7 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 42.427 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

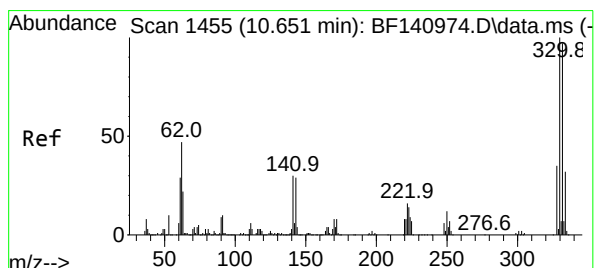
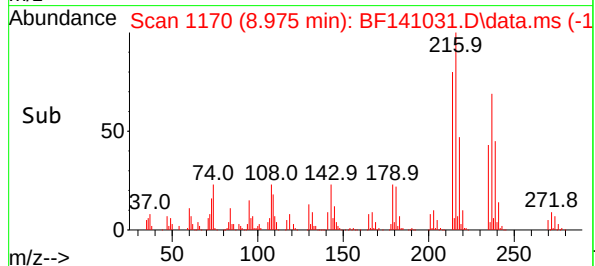
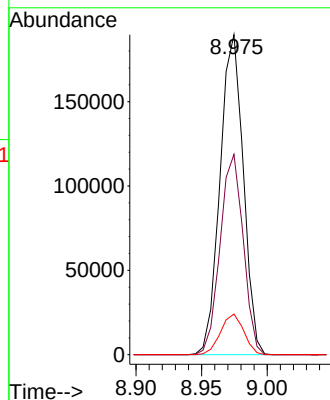
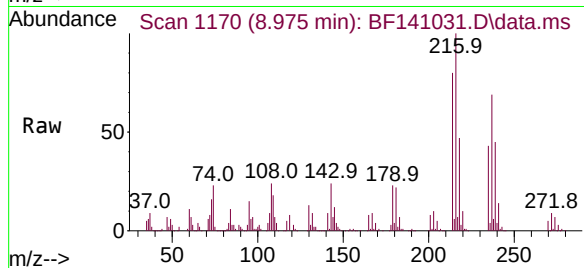
Tgt Ion:237 Resp: 233722

Ion Ratio Lower Upper

237 100

235 62.6 43.4 83.4

272 12.7 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 88.948 ng

RT: 10.651 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

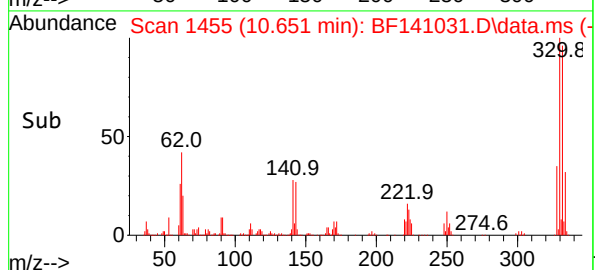
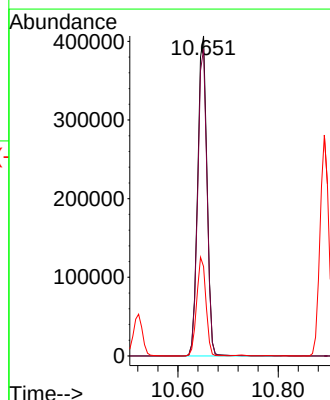
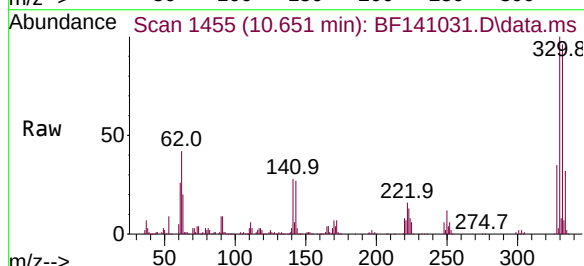
Tgt Ion:330 Resp: 522259

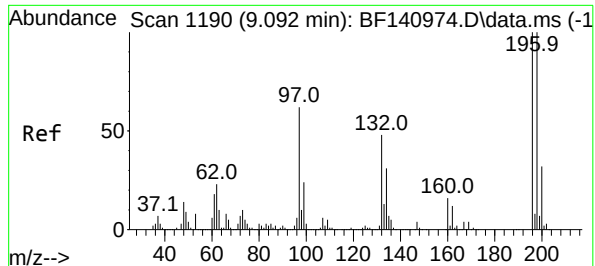
Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 30.7 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 41.001 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

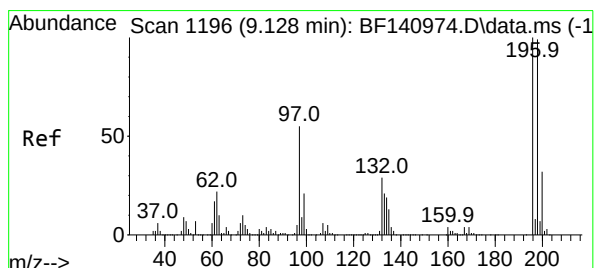
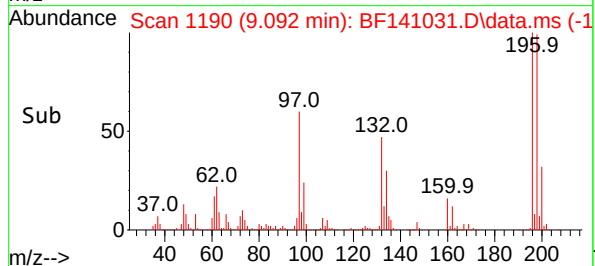
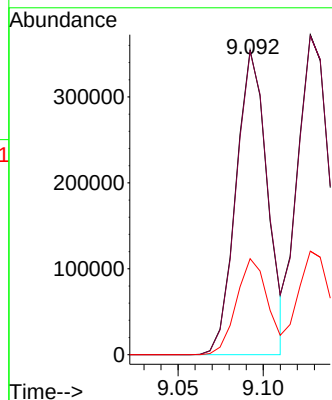
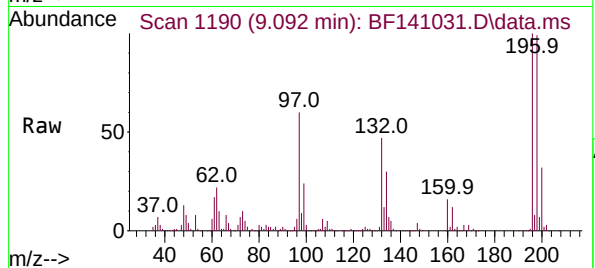
Tgt Ion:196 Resp: 453624

Ion Ratio Lower Upper

196 100

198 99.5 80.2 120.4

200 31.5 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 42.819 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Tgt Ion:196 Resp: 484734

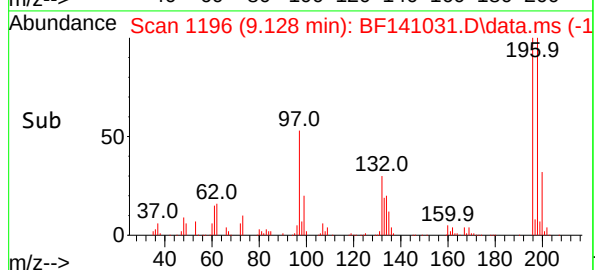
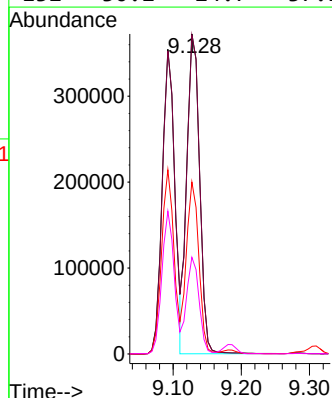
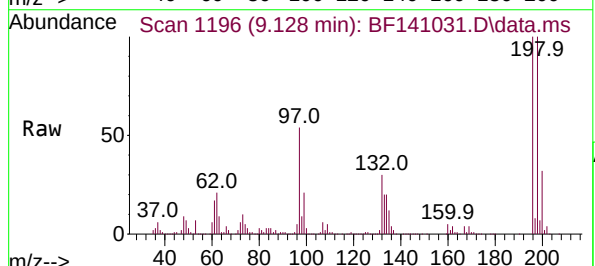
Ion Ratio Lower Upper

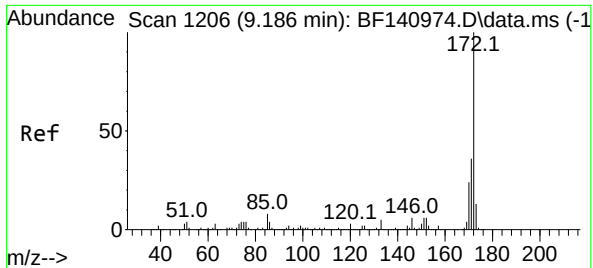
196 100

198 99.6 79.9 119.9

97 53.8 44.3 66.5

132 30.2 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 75.691 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

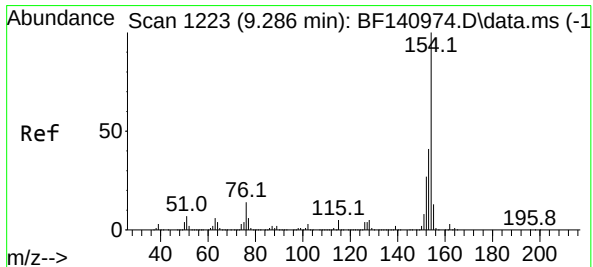
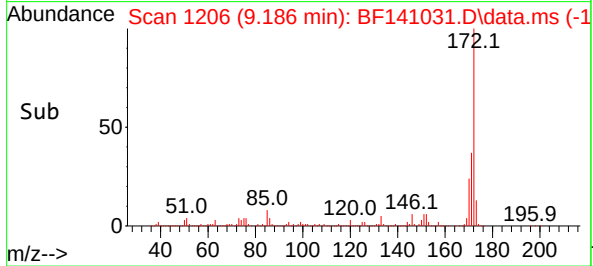
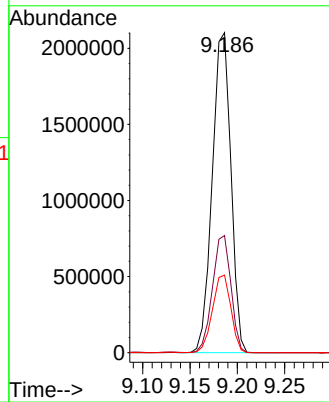
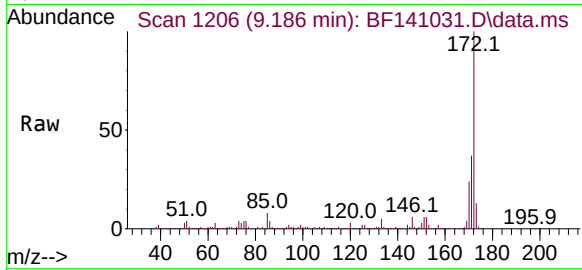
Tgt Ion:172 Resp: 2870617

Ion	Ratio	Lower	Upper

172	100		

171	36.6	29.0	43.4

170	24.2	19.6	29.4



#46

1,1'-Biphenyl

Concen: 38.352 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

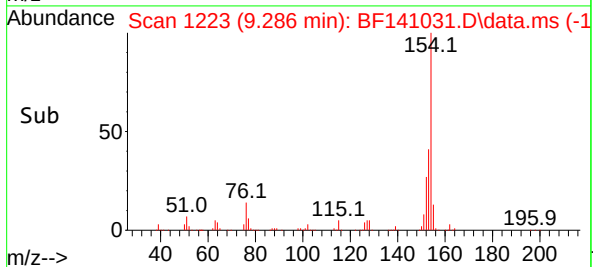
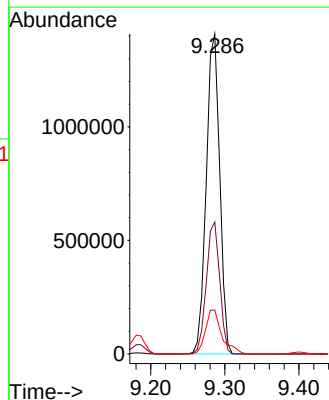
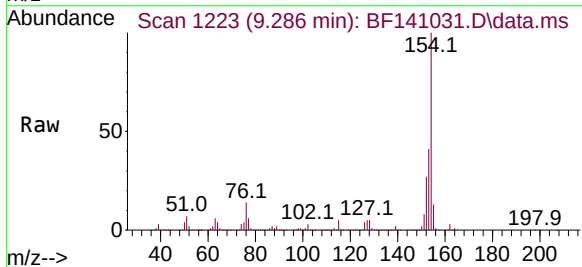
Tgt Ion:154 Resp: 1774415

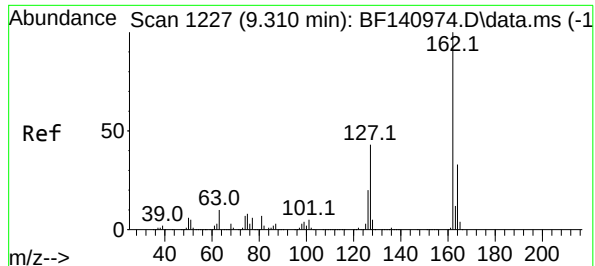
Ion	Ratio	Lower	Upper

154	100		

153	41.2	20.9	60.9

76	13.8	0.0	34.0





#47

2-Chloronaphthalene

Concen: 38.869 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

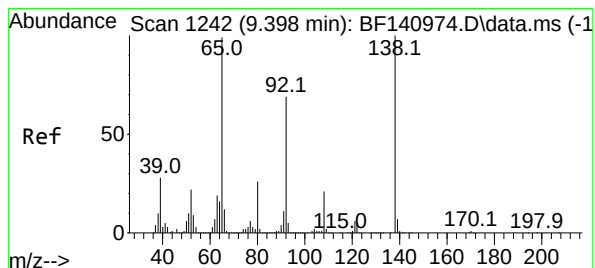
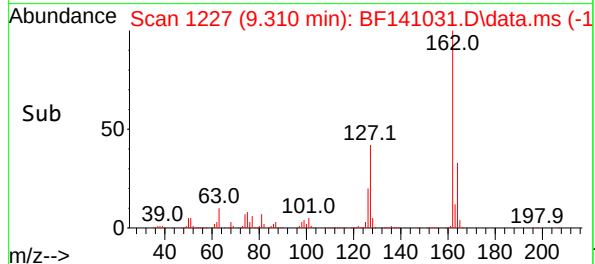
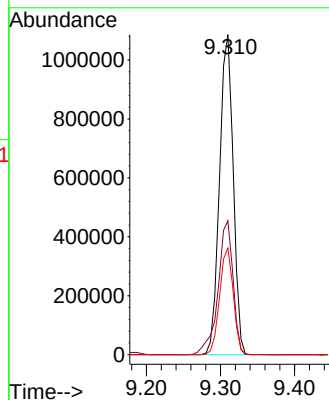
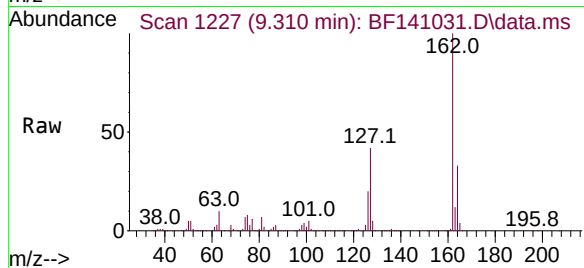
Tgt Ion:162 Resp: 1394740

Ion Ratio Lower Upper

162 100

127 41.9 34.2 51.4

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 46.083 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

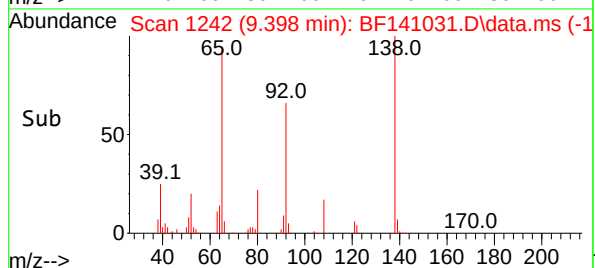
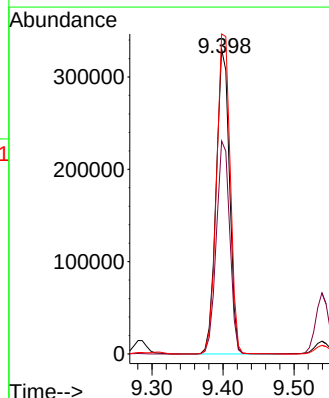
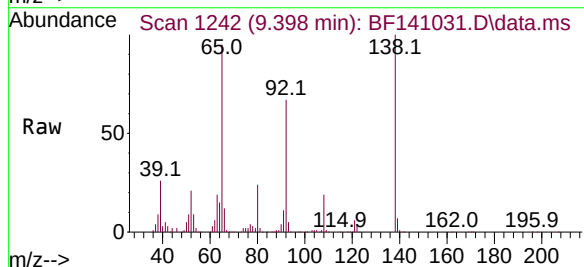
Tgt Ion: 65 Resp: 430660

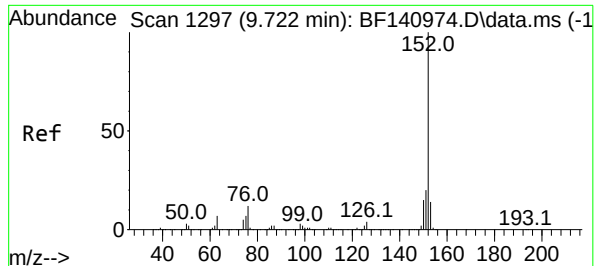
Ion Ratio Lower Upper

65 100

92 69.9 55.6 83.4

138 105.0 80.5 120.7





#49

Acenaphthylene

Concen: 38.686 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

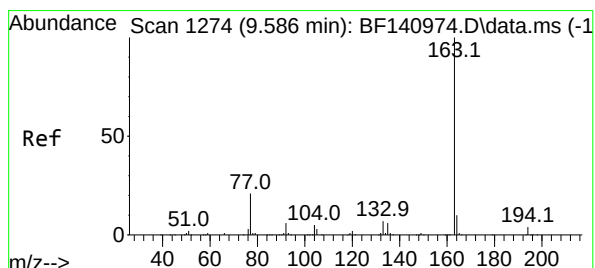
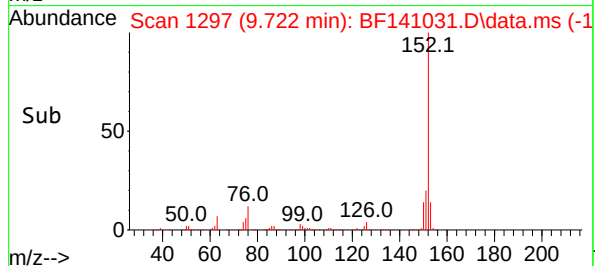
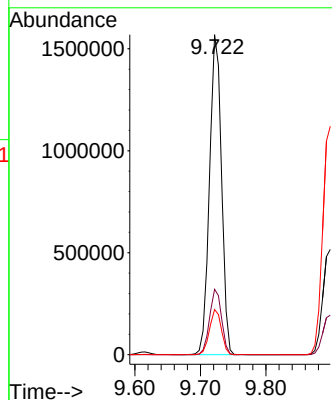
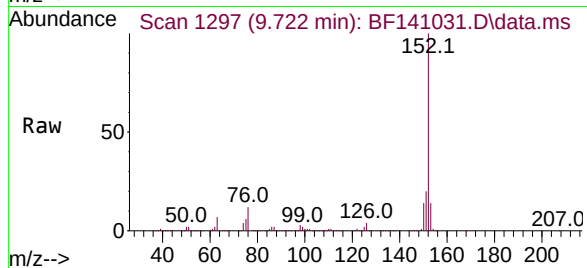
Tgt Ion:152 Resp: 1998339

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 14.1 11.4 17.0



#50

Dimethylphthalate

Concen: 39.070 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

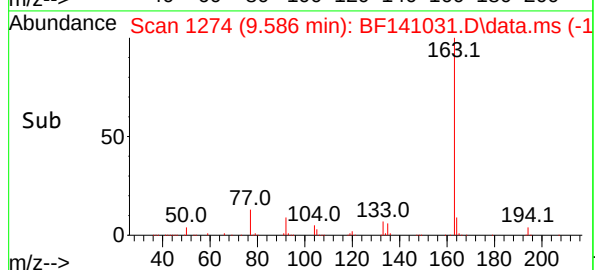
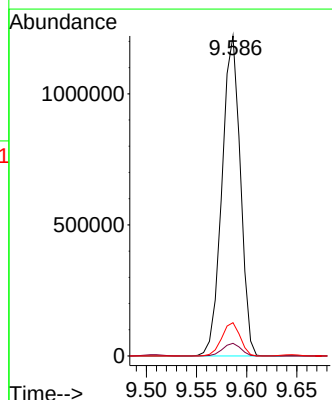
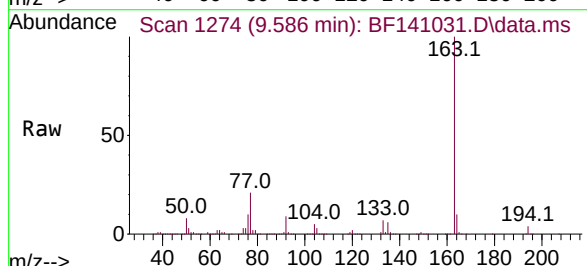
Tgt Ion:163 Resp: 1552832

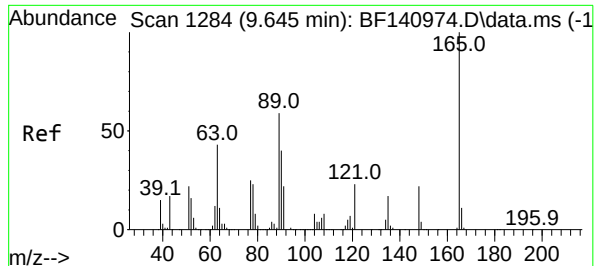
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 45.428 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

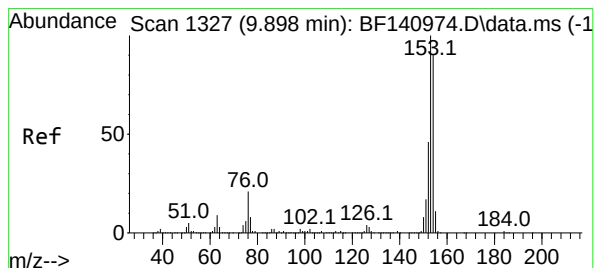
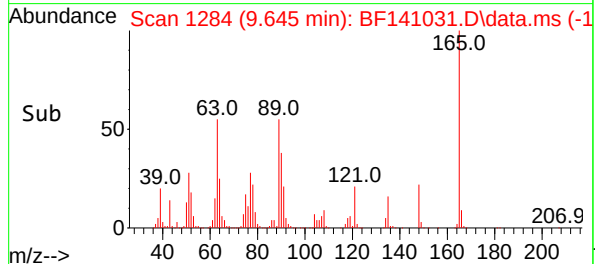
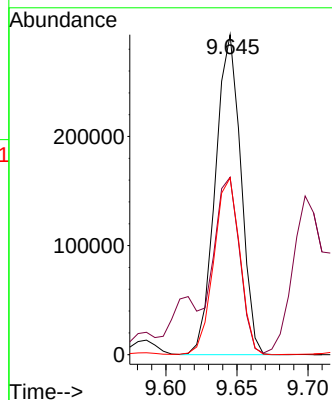
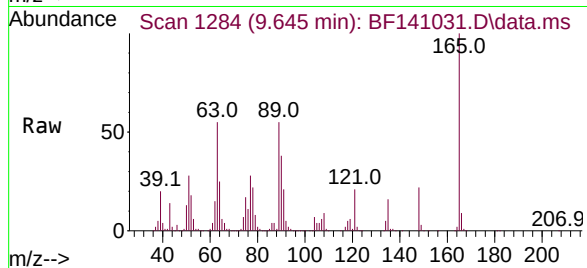
Tgt Ion:165 Resp: 366493

Ion Ratio Lower Upper

165 100

63 55.4 47.1 70.7

89 55.3 47.0 70.4



#52

Acenaphthene

Concen: 39.831 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

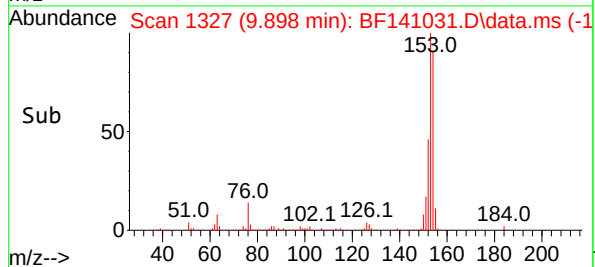
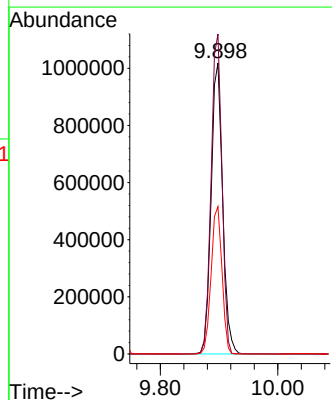
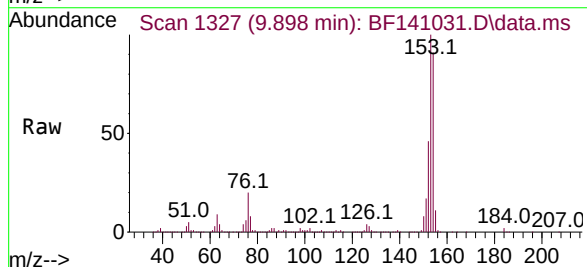
Tgt Ion:154 Resp: 1390959

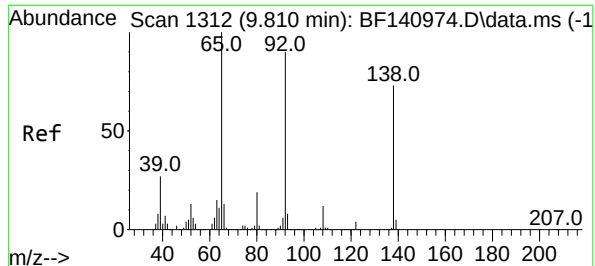
Ion Ratio Lower Upper

154 100

153 110.0 89.2 133.8

152 50.7 40.9 61.3





#53

3-Nitroaniline

Concen: 44.272 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

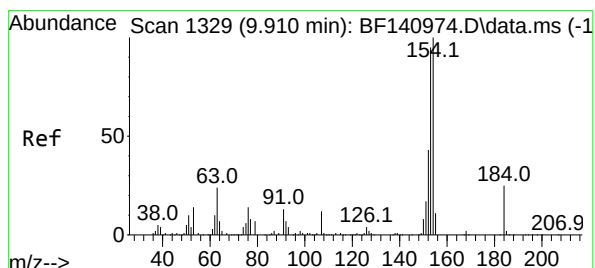
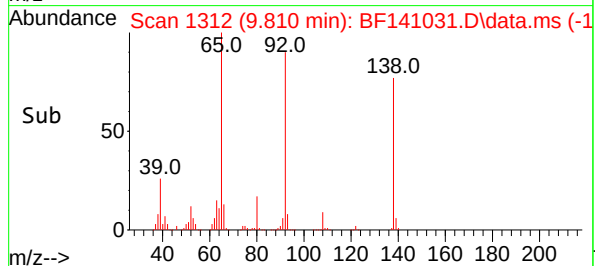
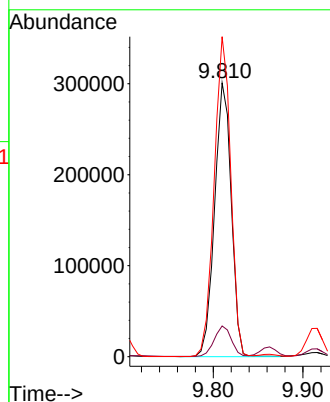
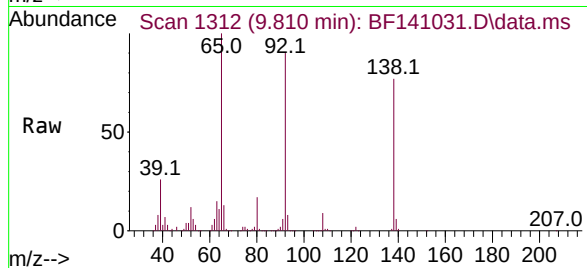
Tgt Ion:138 Resp: 387849

Ion Ratio Lower Upper

138 100

108 11.2 13.5 20.3#

92 116.9 97.7 146.5



#54

2,4-Dinitrophenol

Concen: 56.064 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

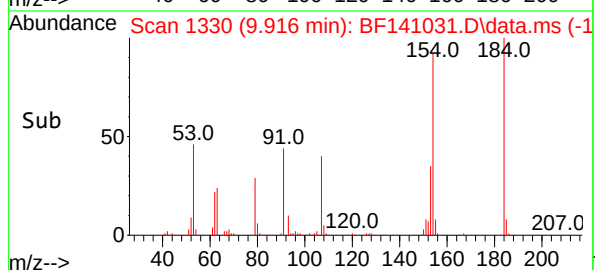
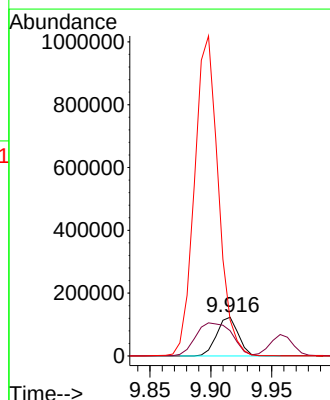
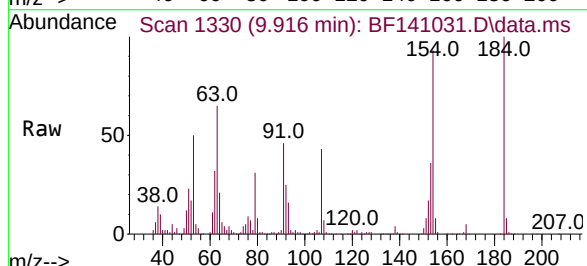
Tgt Ion:184 Resp: 152915

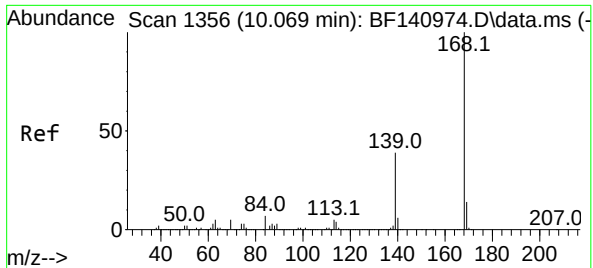
Ion Ratio Lower Upper

184 100

63 65.4 81.6 122.4#

154 92.6 363.5 545.3#





#55

Dibenzofuran

Concen: 38.665 ng

RT: 10.069 min Scan# 1356

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

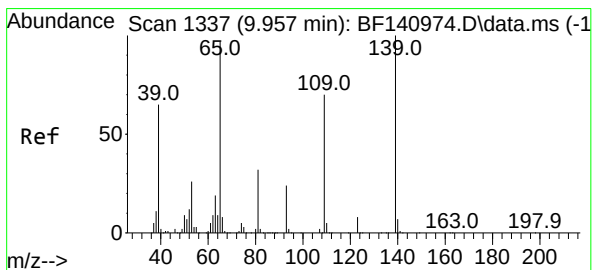
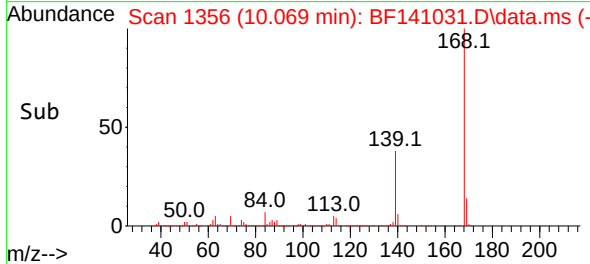
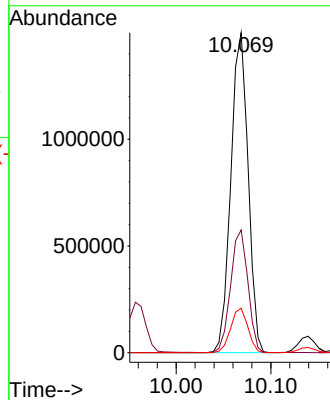
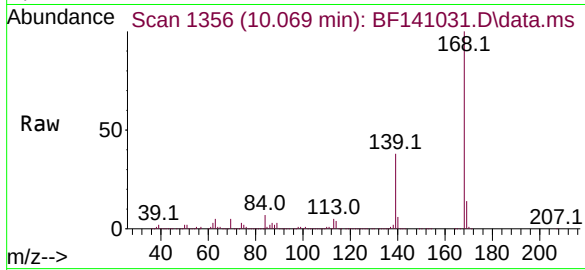
Tgt Ion:168 Resp: 1897580

Ion Ratio Lower Upper

168 100

139 38.4 31.6 47.4

169 13.9 11.0 16.6



#56

4-Nitrophenol

Concen: 45.778 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

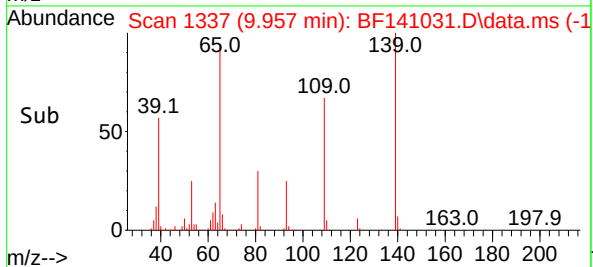
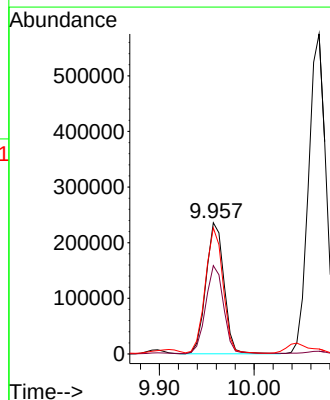
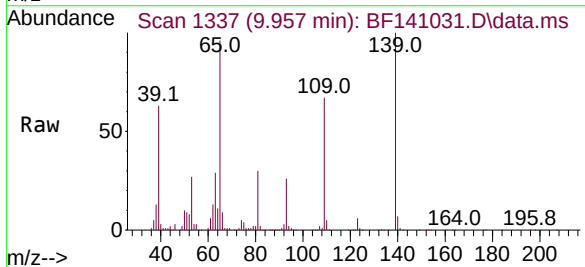
Tgt Ion:139 Resp: 311229

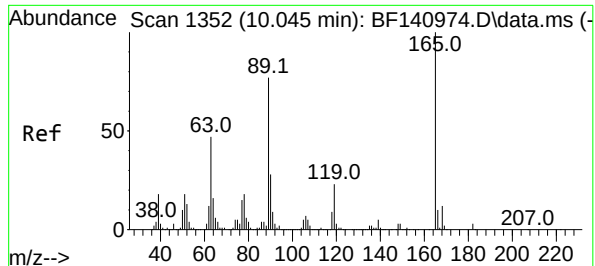
Ion Ratio Lower Upper

139 100

109 67.3 50.8 90.8

65 96.0 78.5 118.5





#57

2,4-Dinitrotoluene

Concen: 47.955 ng

RT: 10.045 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 475598

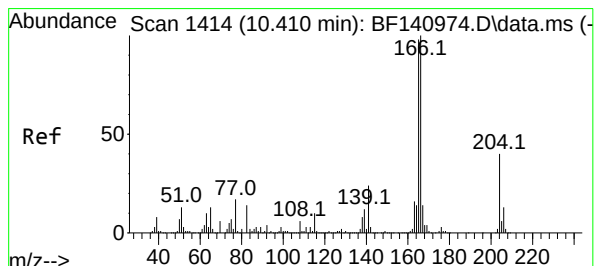
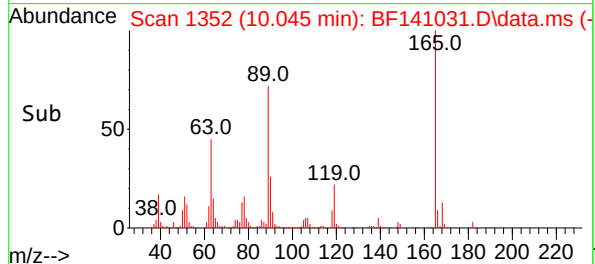
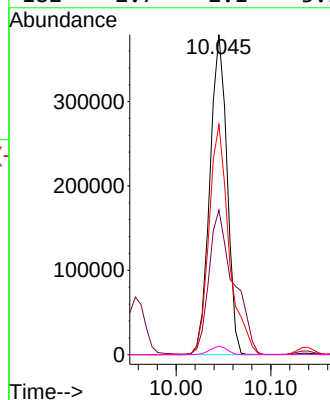
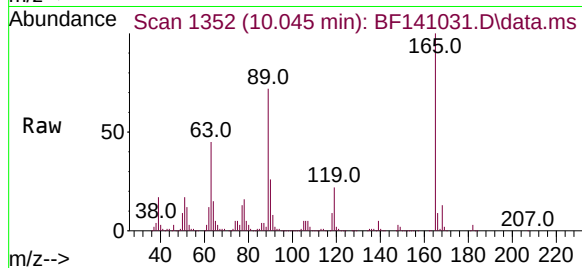
Ion Ratio Lower Upper

165 100

63 45.2 38.1 57.1

89 71.9 61.4 92.2

182 2.7 2.1 3.1



#58

Fluorene

Concen: 38.157 ng

RT: 10.410 min Scan# 1414

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

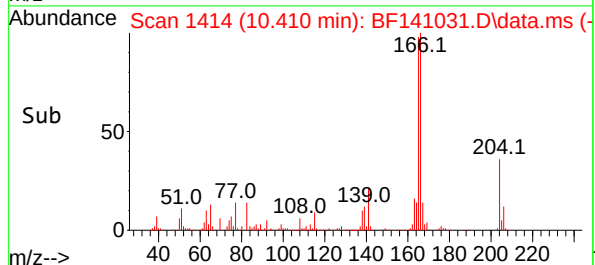
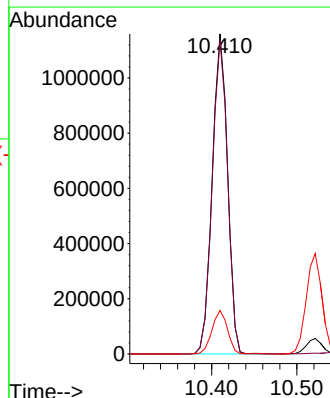
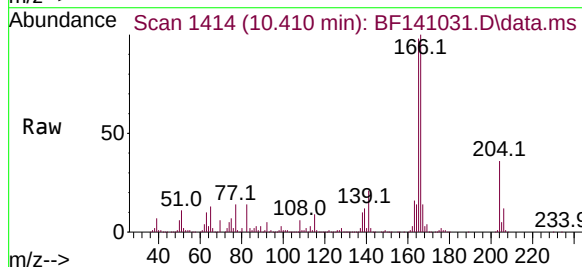
Tgt Ion:166 Resp: 1452134

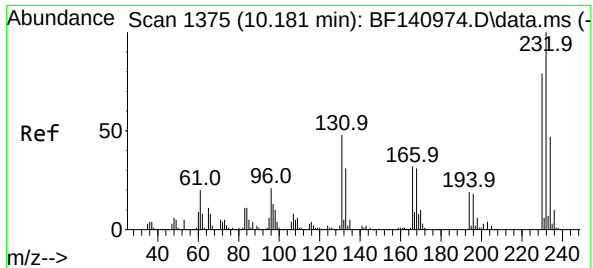
Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.815 ng

RT: 10.180 min Scan# 1375

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 401409

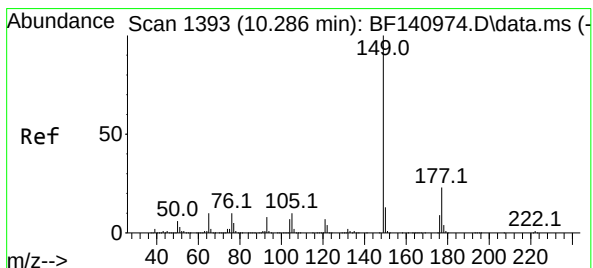
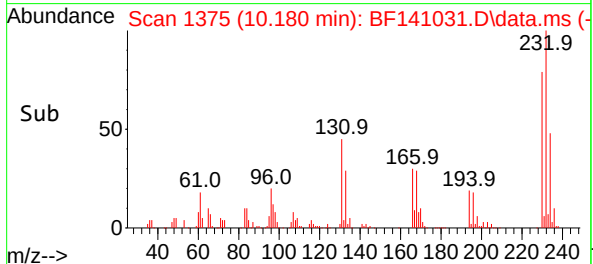
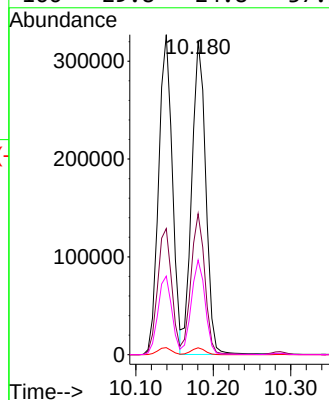
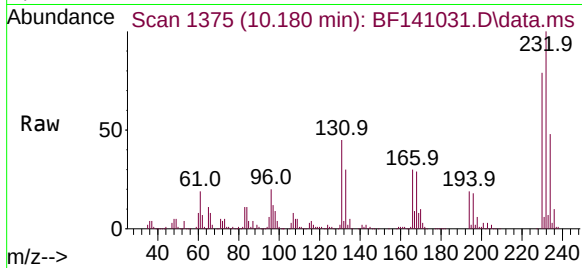
Ion Ratio Lower Upper

232 100

131 44.7 37.4 56.2

130 2.2 1.8 2.8

166 29.8 24.8 37.2



#60

Diethylphthalate

Concen: 38.805 ng

RT: 10.286 min Scan# 1393

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

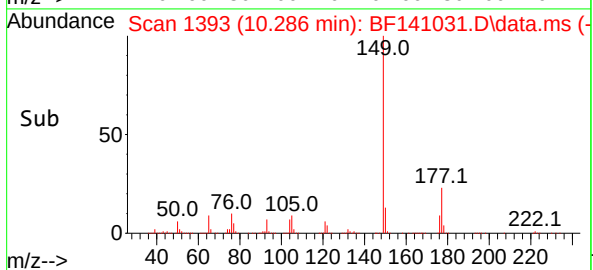
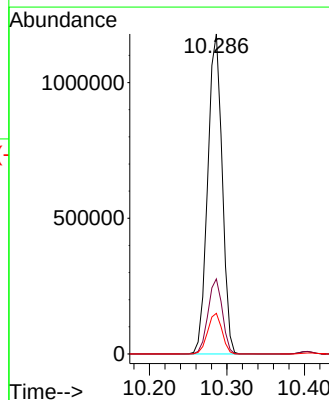
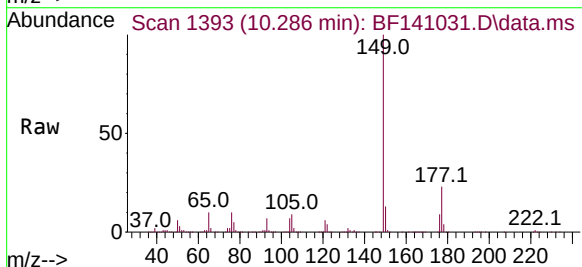
Tgt Ion:149 Resp: 1522617

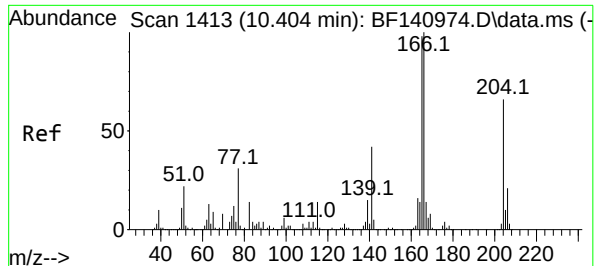
Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

150 12.7 10.4 15.6

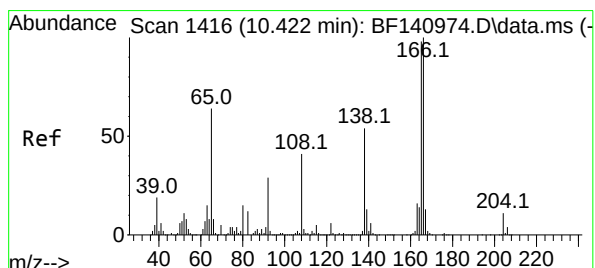
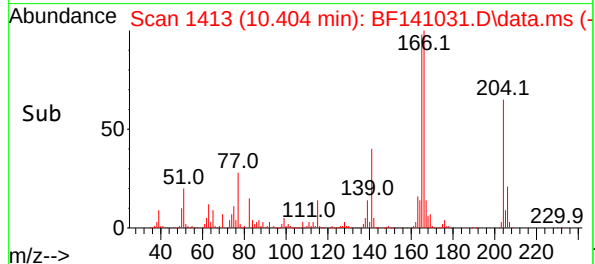
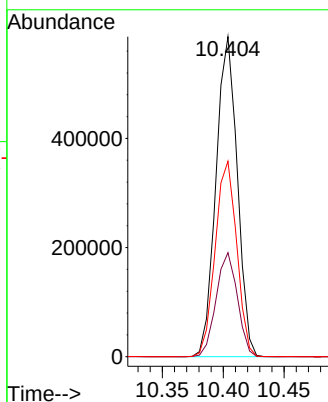
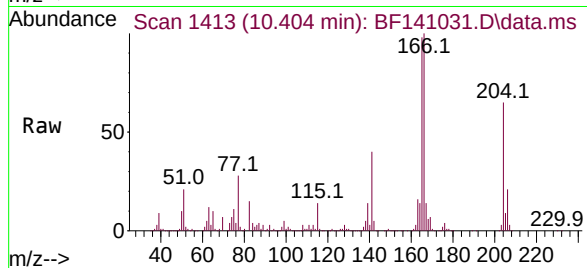




#61
4-Chlorophenyl-phenylether
Concen: 39.104 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

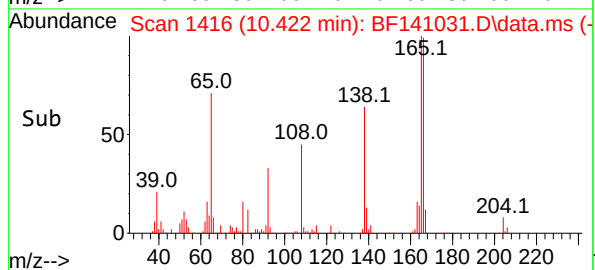
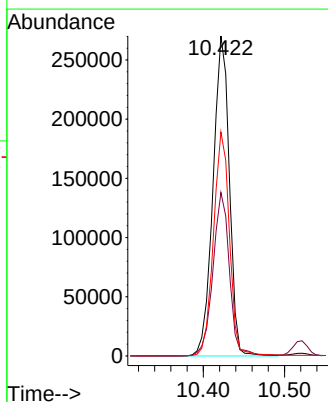
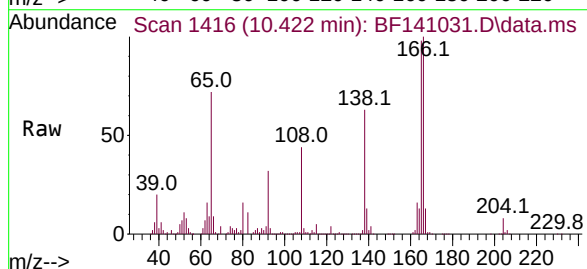
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

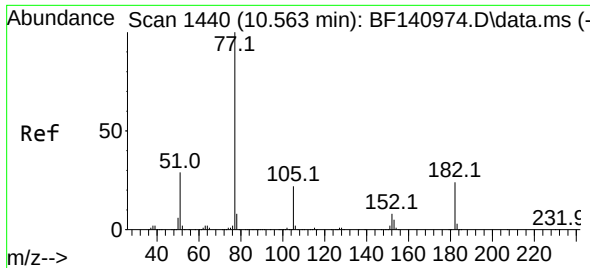
Tgt Ion:204 Resp: 716079
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 61.0 51.2 76.8



#62
4-Nitroaniline
Concen: 43.316 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:138 Resp: 378356
Ion Ratio Lower Upper
138 100
92 51.1 34.8 74.8
108 70.0 55.9 95.9



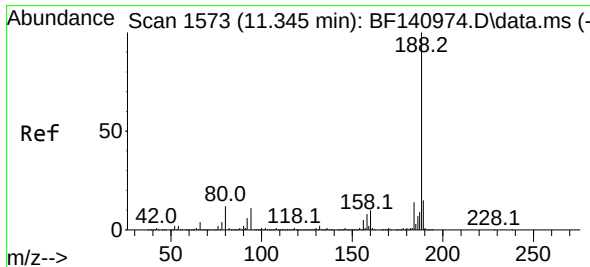
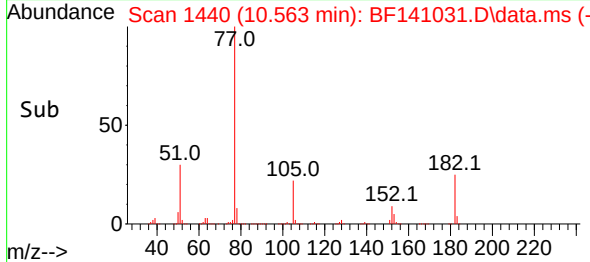
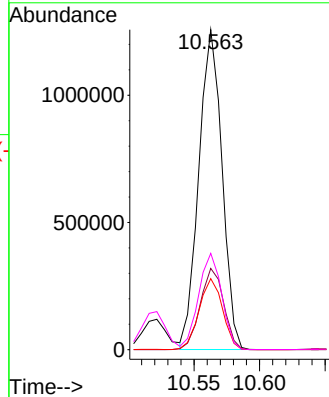
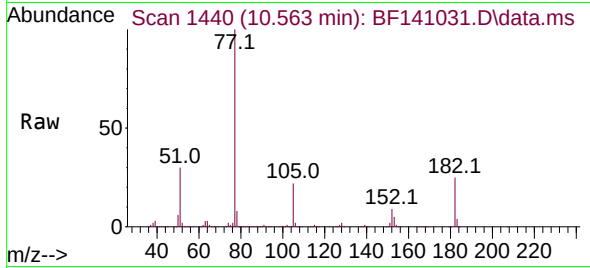


#63
Azobenzene
Concen: 37.680 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1551826

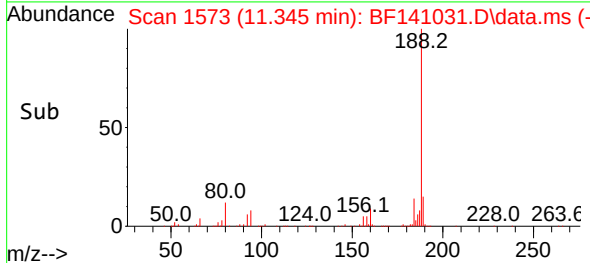
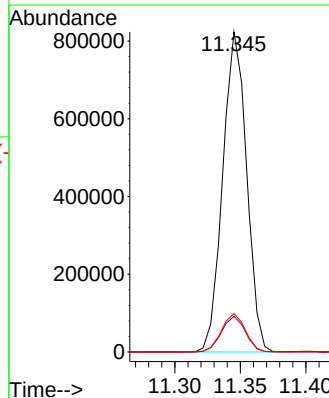
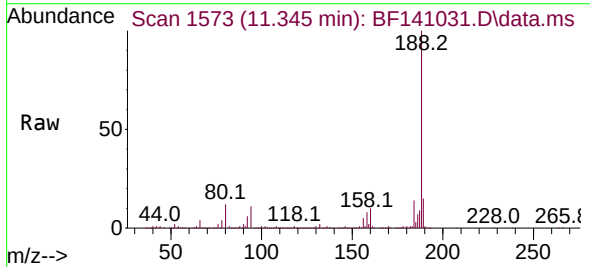
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.1	44.1
105	22.2	1.8	41.8
51	30.1	9.7	49.7

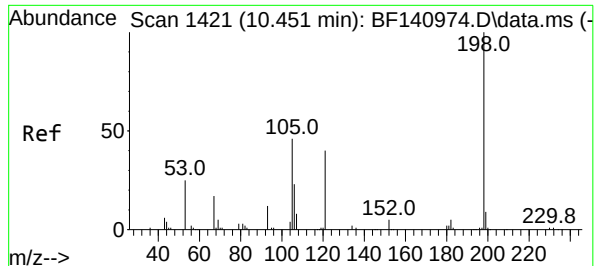


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion: 188 Resp: 1042118

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.6
80	12.0	9.8	14.6

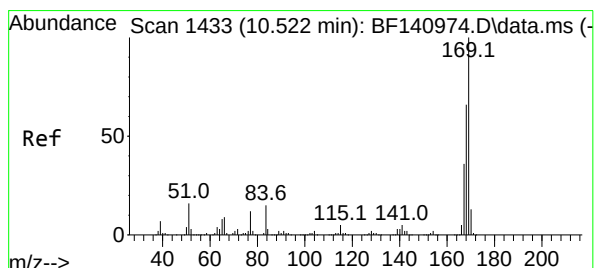
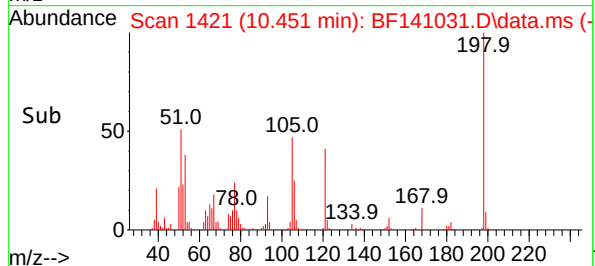
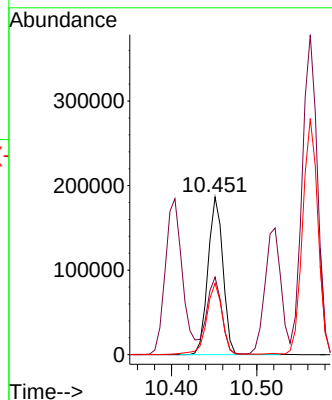
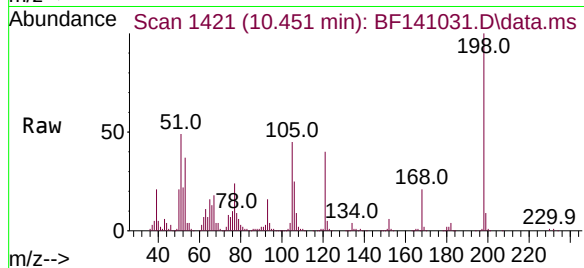




#65
4,6-Dinitro-2-methylphenol
Concen: 53.525 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

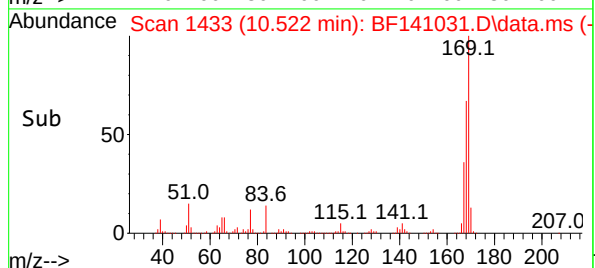
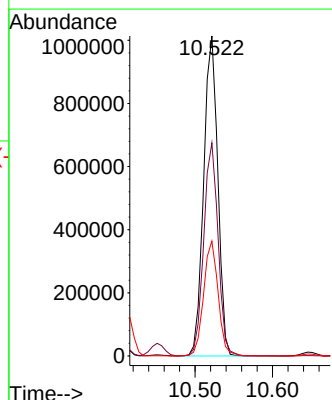
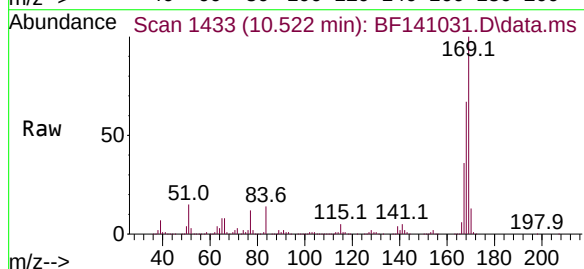
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

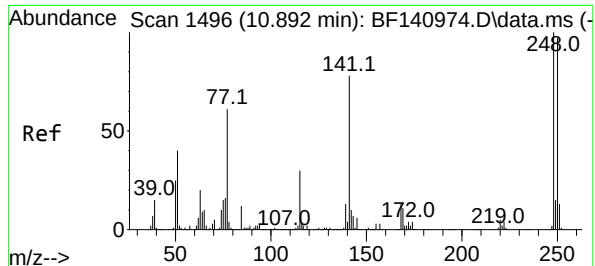
Tgt Ion:198 Resp: 227945
Ion Ratio Lower Upper
198 100
51 49.2 32.3 72.3
105 45.3 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 39.124 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:169 Resp: 1283897
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 35.9 29.0 43.4

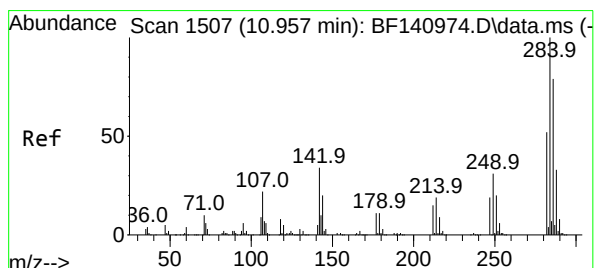
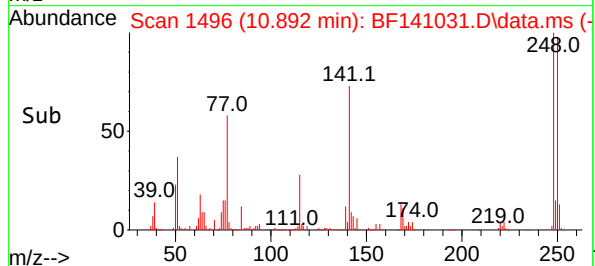
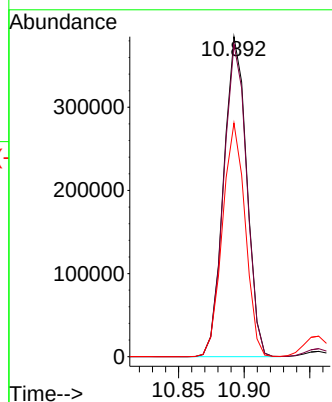
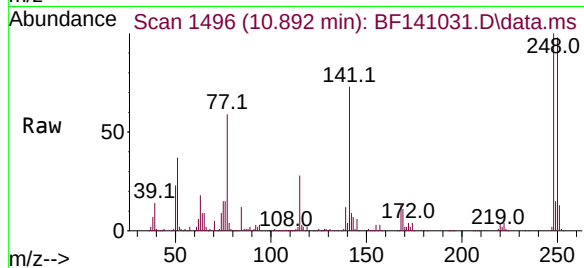




#67
4-Bromophenyl-phenylether
Concen: 41.777 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

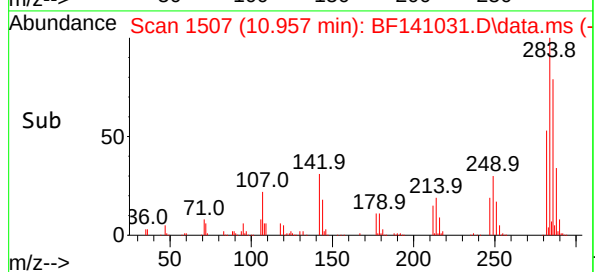
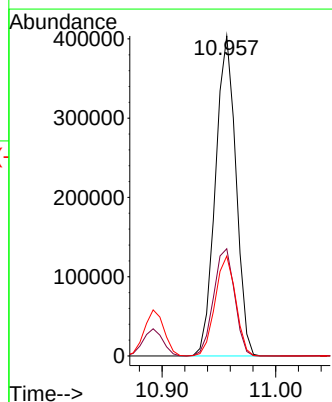
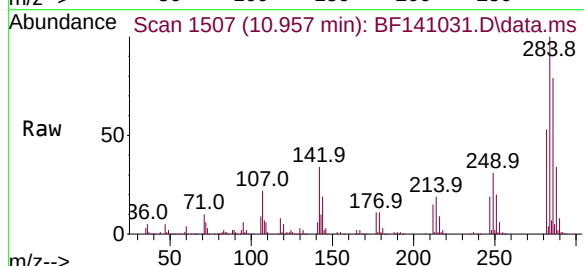
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

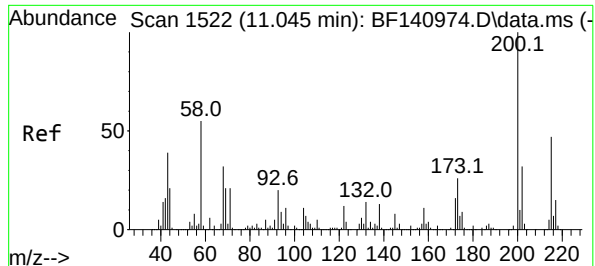
Tgt Ion:248 Resp: 470632
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 73.0 62.1 93.1



#68
Hexachlorobenzene
Concen: 40.722 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:284 Resp: 505851
Ion Ratio Lower Upper
284 100
142 33.5 27.1 40.7
249 31.2 25.1 37.7





#69

Atrazine

Concen: 34.671 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

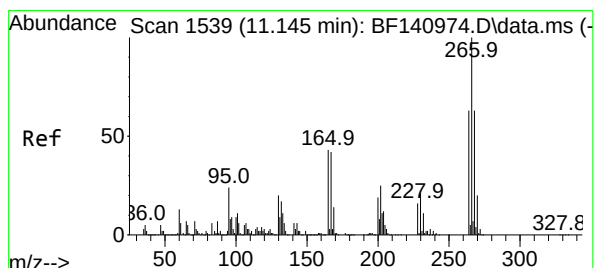
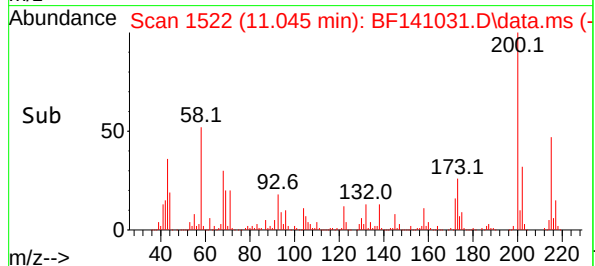
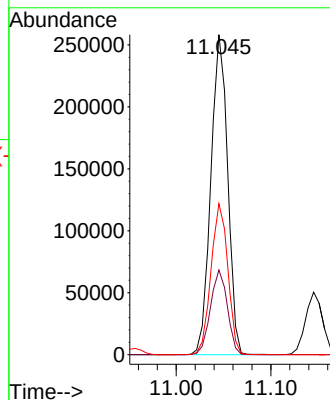
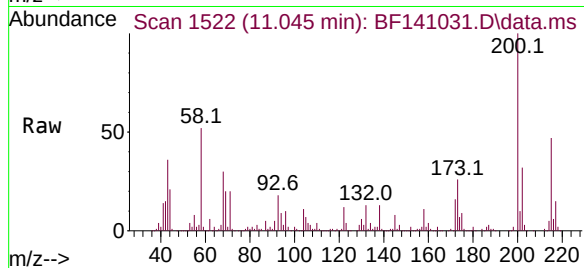
Tgt Ion:200 Resp: 317858

Ion Ratio Lower Upper

200 100

173 26.4 6.4 46.4

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 45.167 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

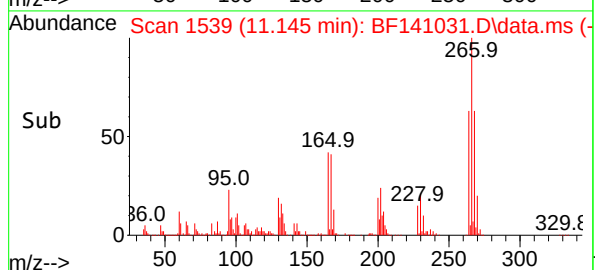
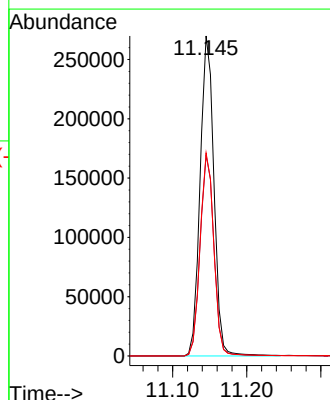
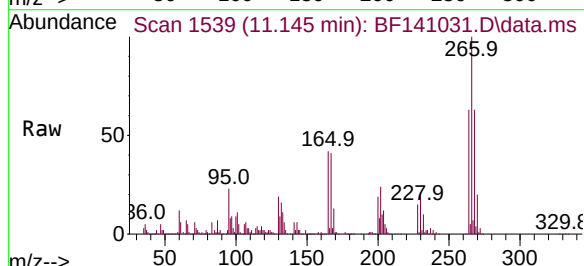
Tgt Ion:266 Resp: 349324

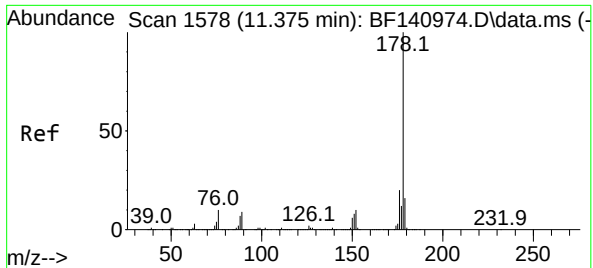
Ion Ratio Lower Upper

266 100

268 62.8 50.5 75.7

264 63.4 50.2 75.4

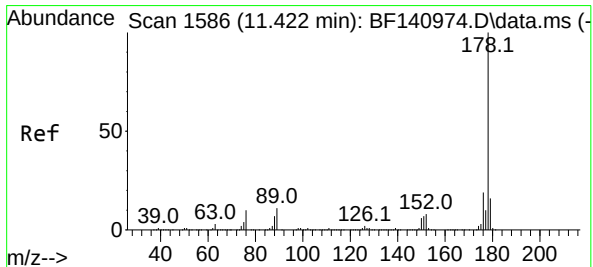
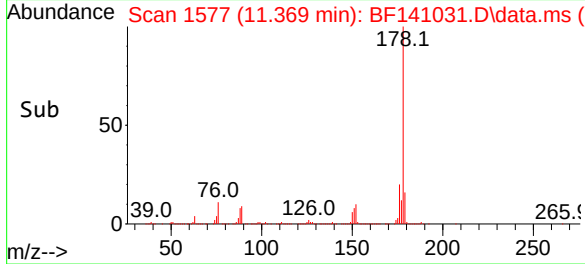
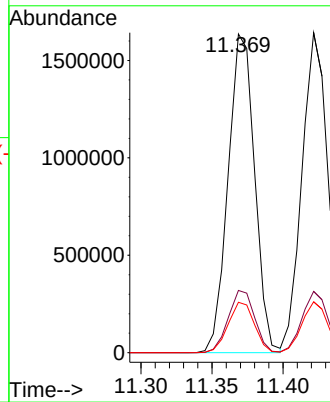
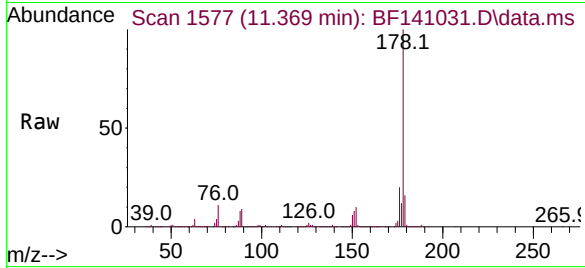




#71
Phenanthrene
Concen: 38.783 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

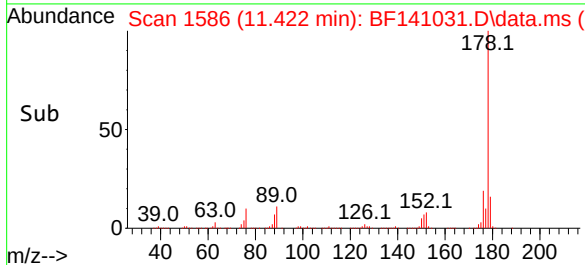
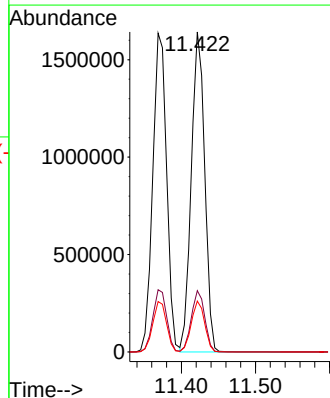
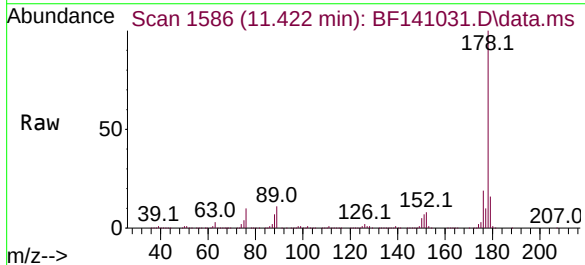
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

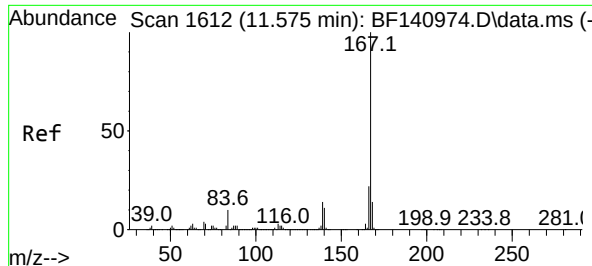
Tgt Ion:178 Resp: 2127169
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.8 12.6 19.0



#72
Anthracene
Concen: 38.493 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:178 Resp: 2068767
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.9 12.9 19.3

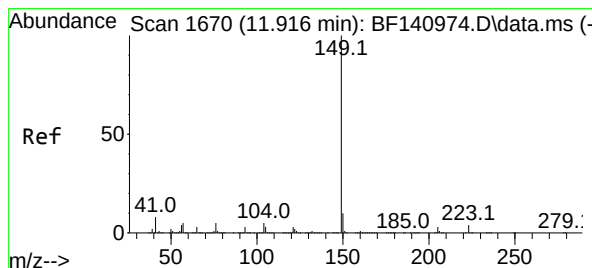
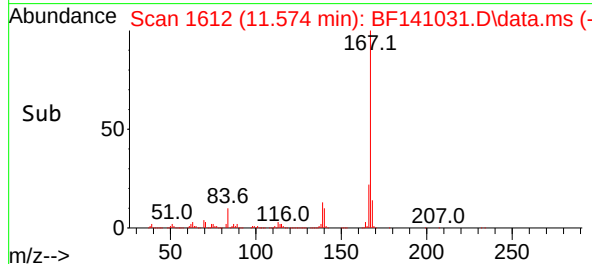
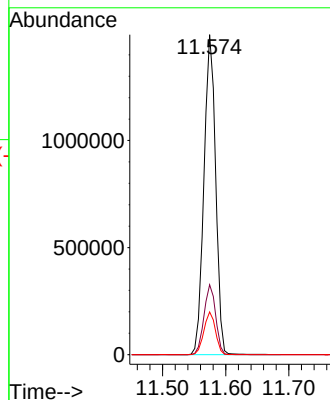
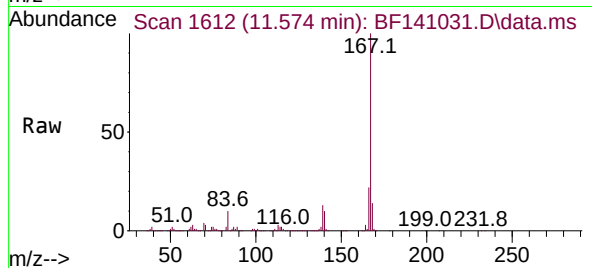




#73
Carbazole
Concen: 37.195 ng
RT: 11.574 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

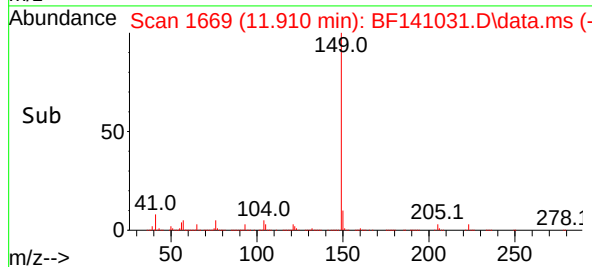
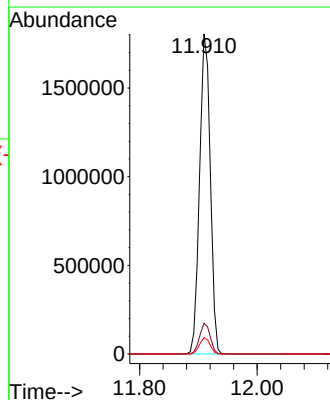
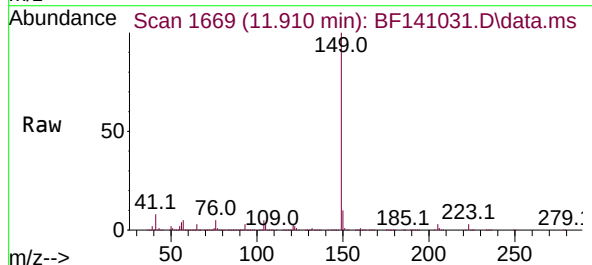
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

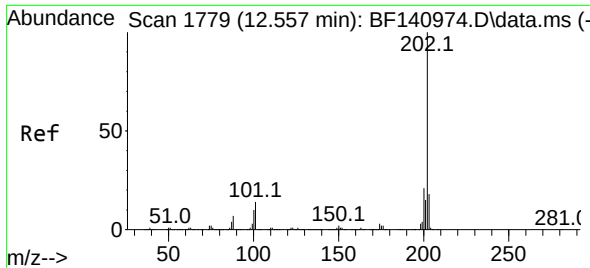
Tgt Ion:167 Resp: 1921678
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.3 11.0 16.4



#74
Di-n-butylphthalate
Concen: 38.788 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:149 Resp: 2279320
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.1 4.1 6.1

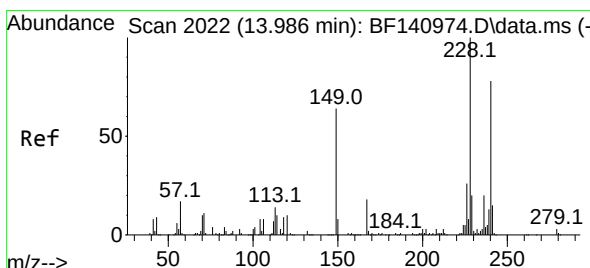
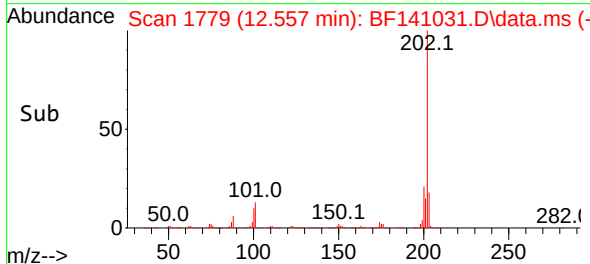
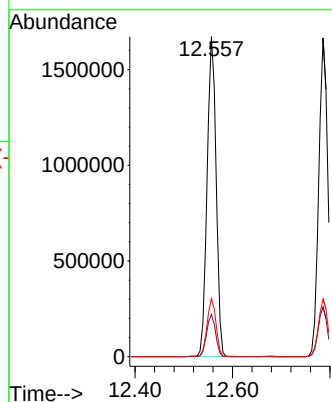
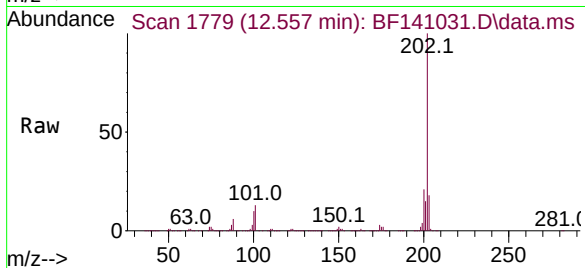




#75
Fluoranthene
Concen: 36.104 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

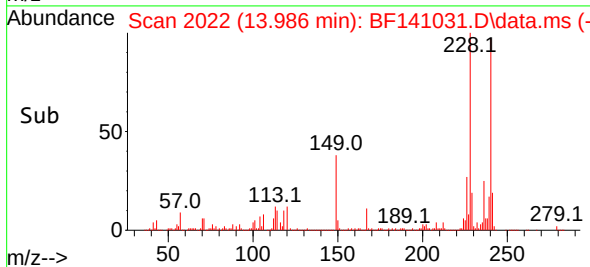
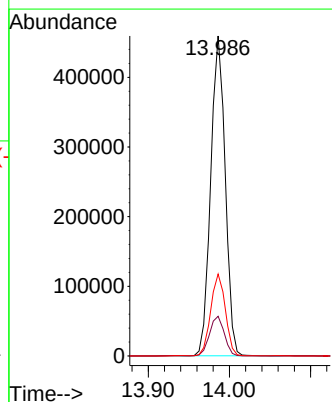
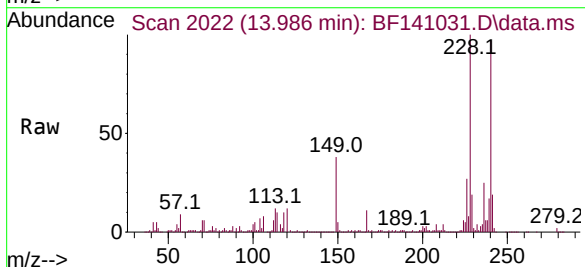
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

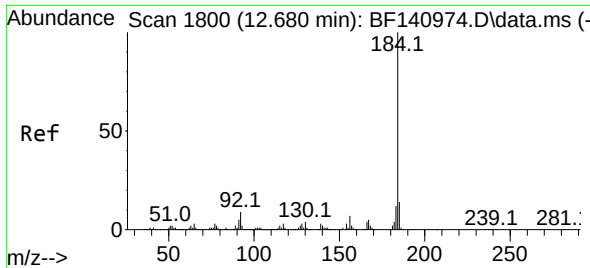
Tgt Ion:202 Resp: 2147665
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.7
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:240 Resp: 569163
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 25.6 20.6 31.0

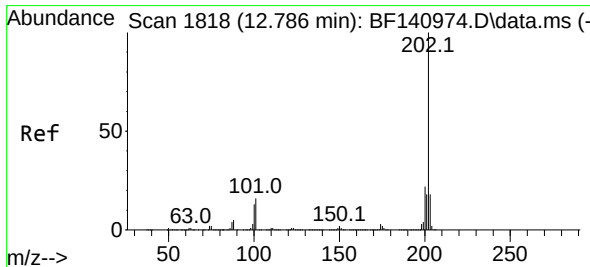
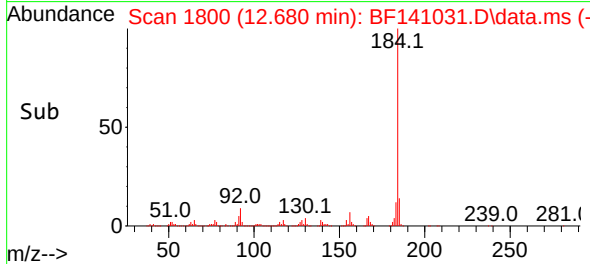
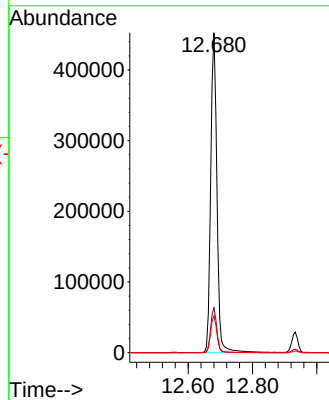
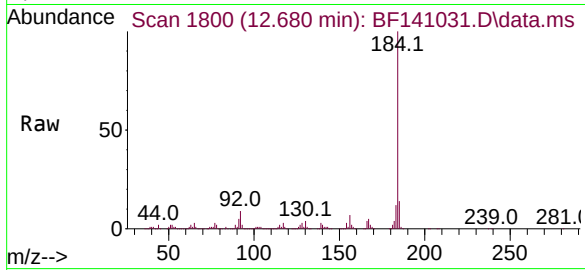




#77
Benzidine
Concen: 50.432 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

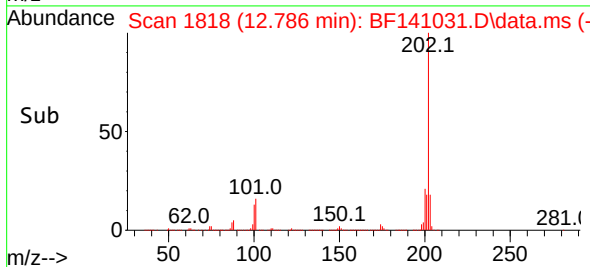
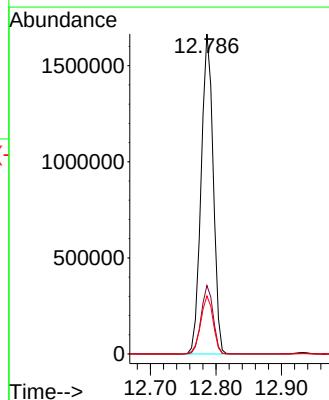
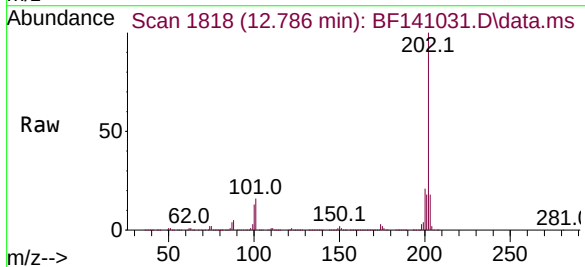
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

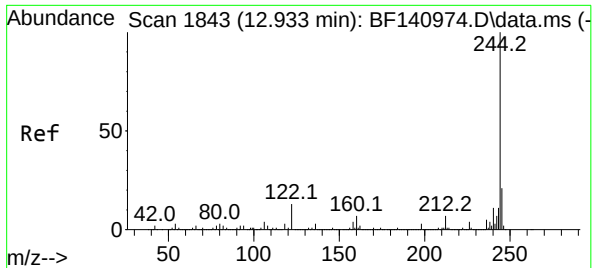
Tgt Ion:184 Resp: 606634
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 11.6 9.4 14.0



#78
Pyrene
Concen: 42.847 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:202 Resp: 2132823
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 85.381 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

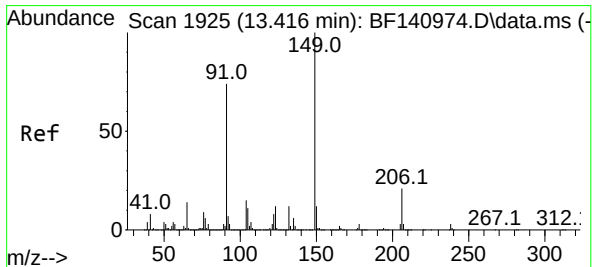
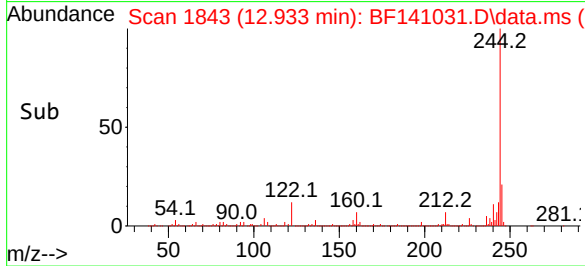
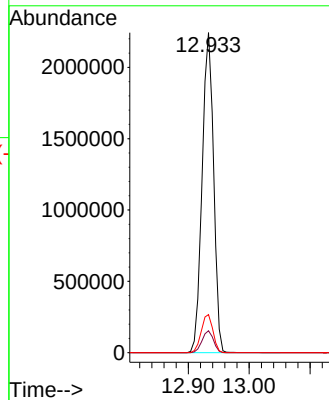
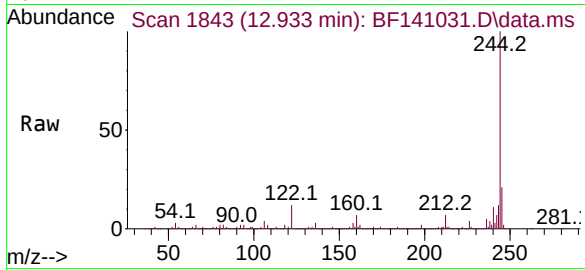
Tgt Ion:244 Resp: 2925681

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.9 10.2 15.2



#80

Butylbenzylphthalate

Concen: 41.781 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

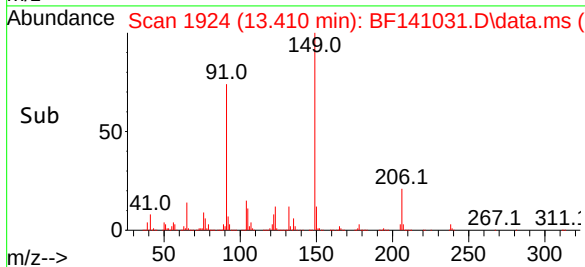
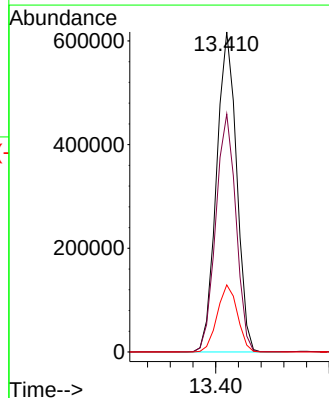
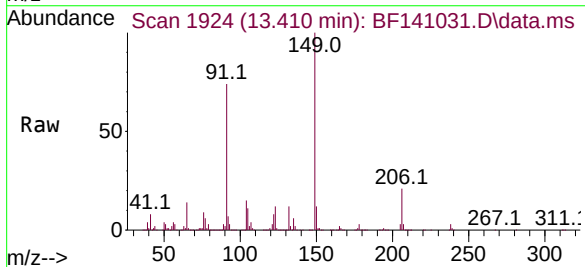
Tgt Ion:149 Resp: 759435

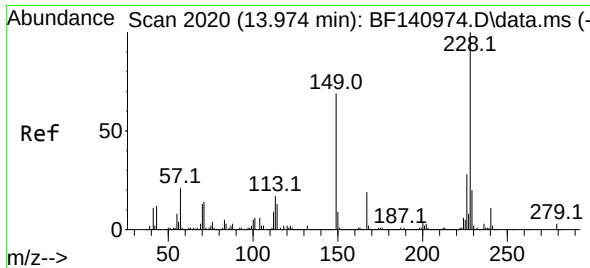
Ion Ratio Lower Upper

149 100

91 74.4 59.5 89.3

206 21.0 17.1 25.7

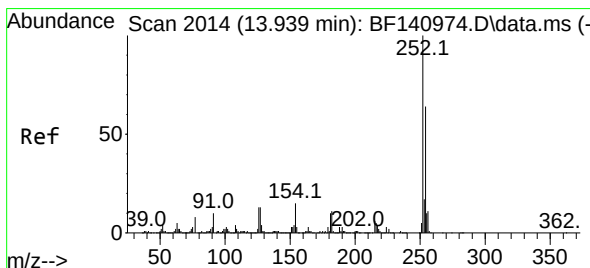
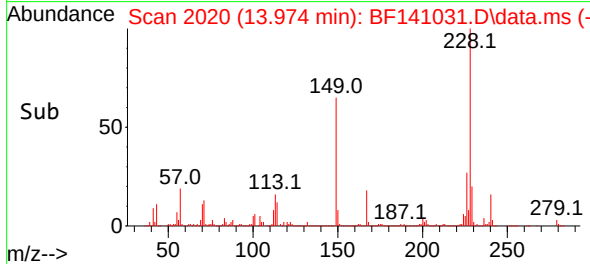
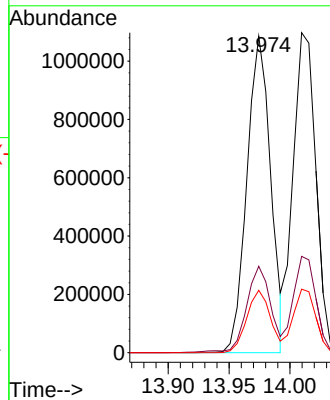
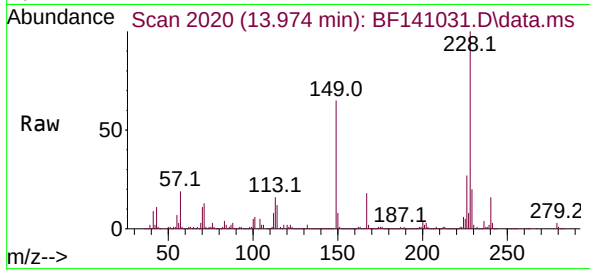




#81
Benzo(a)anthracene
Concen: 37.136 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

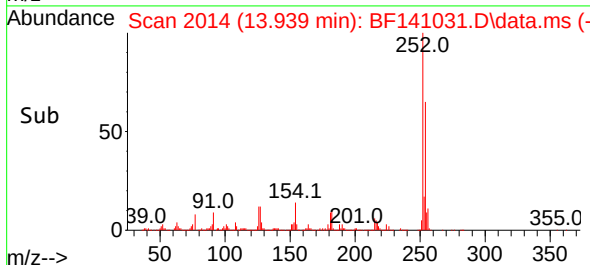
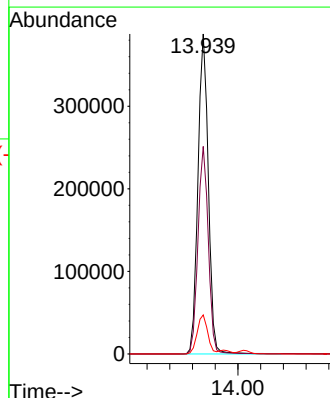
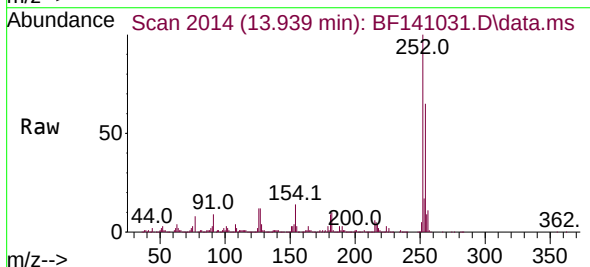
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

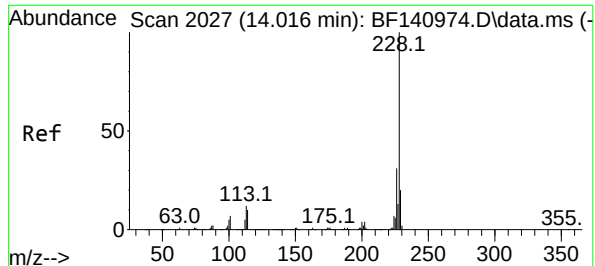
Tgt Ion:228 Resp: 1473101
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 41.470 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:252 Resp: 494240
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 12.2 10.3 15.5





#83

Chrysene

Concen: 39.961 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

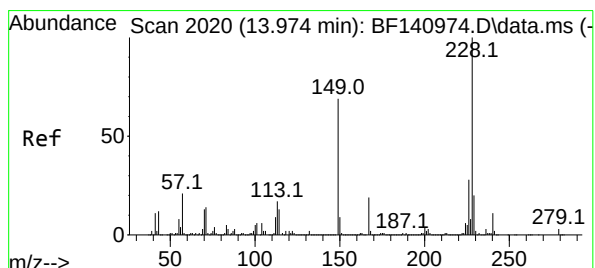
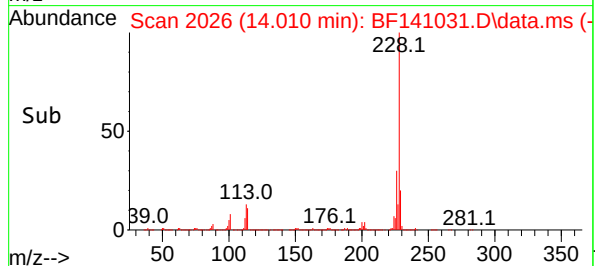
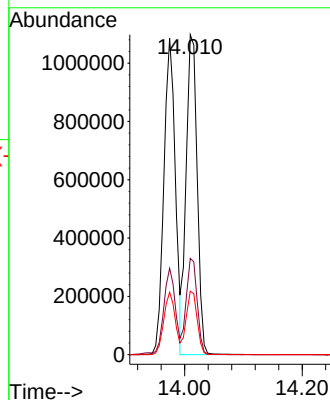
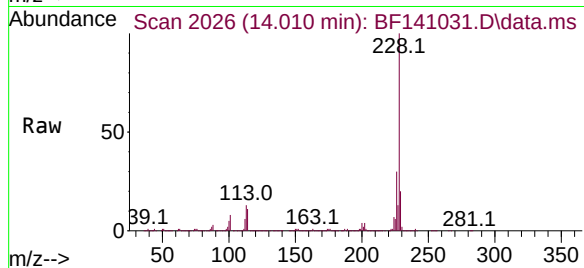
Tgt Ion:228 Resp: 1428944

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.001 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

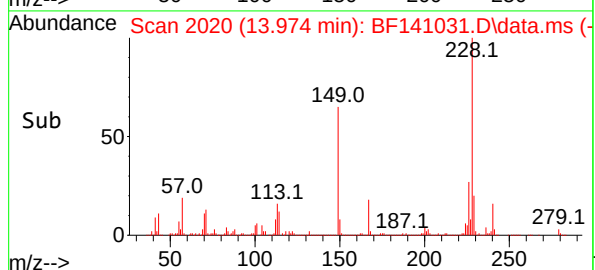
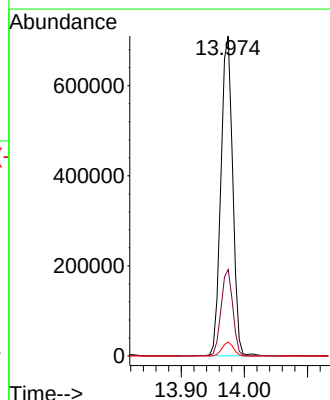
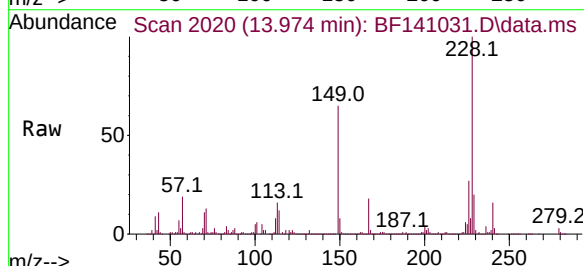
Tgt Ion:149 Resp: 919539

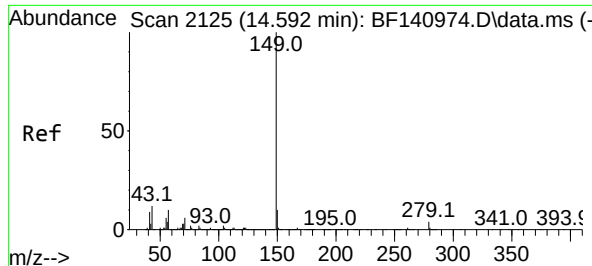
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.4 3.2 4.8

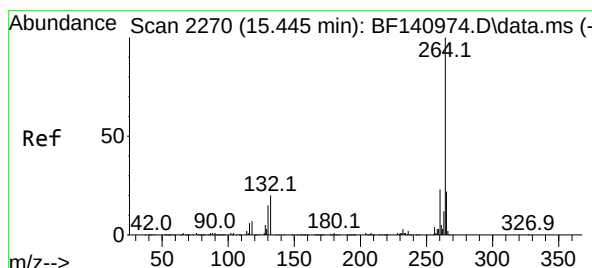
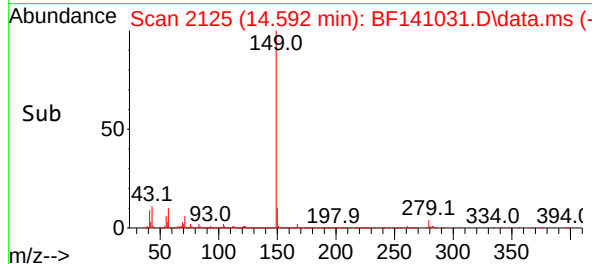
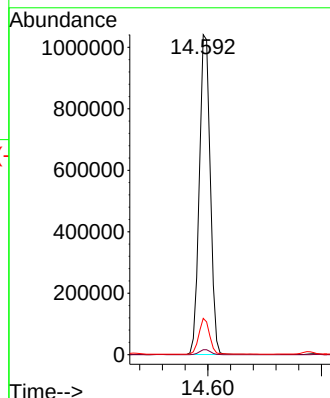
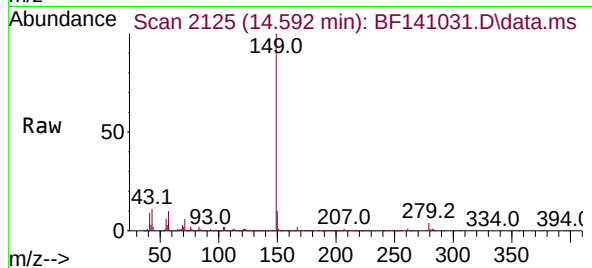




#85
Di-n-octyl phthalate
Concen: 40.813 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

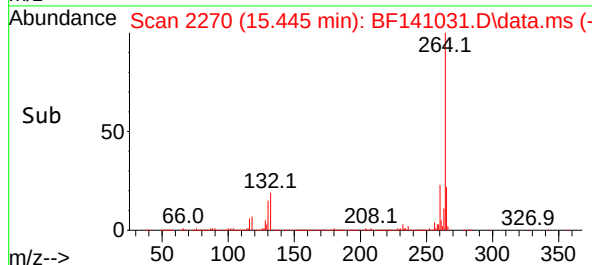
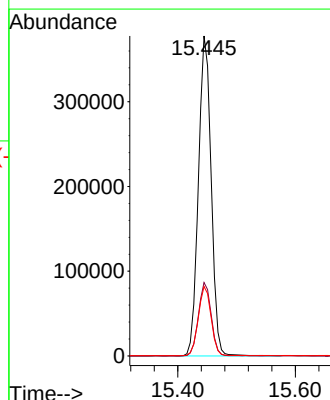
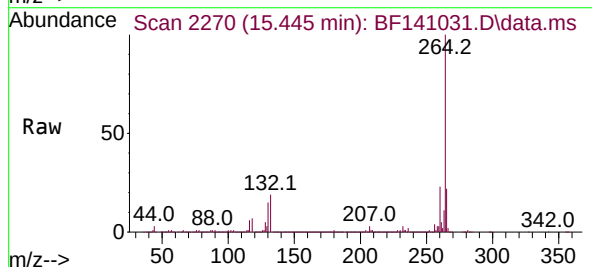
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

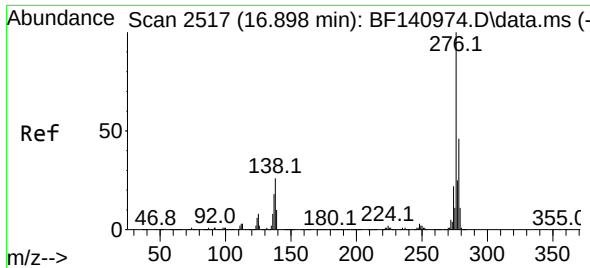
Tgt Ion:149 Resp: 1392731
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:264 Resp: 568544
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.7 17.4 26.2

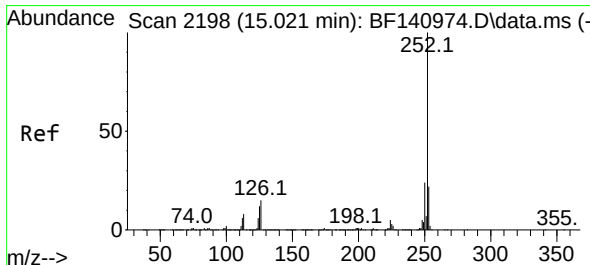
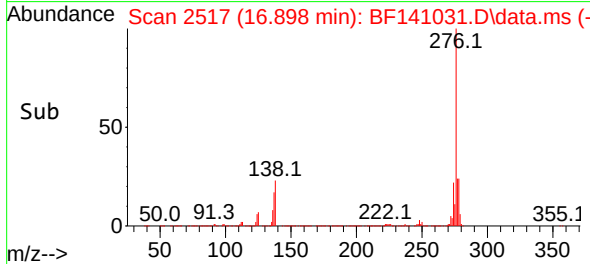
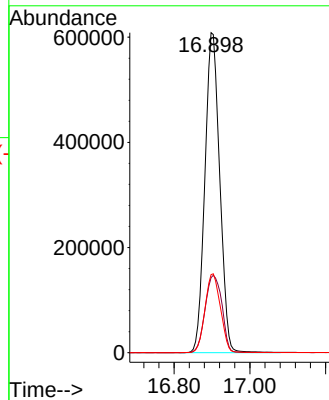
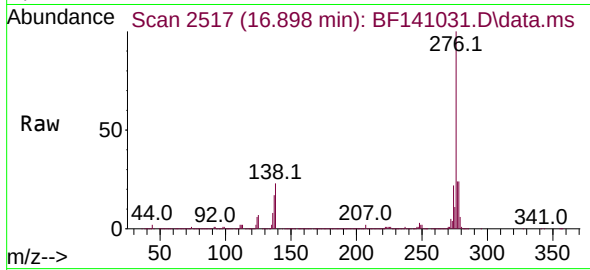




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.092 ng
RT: 16.898 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

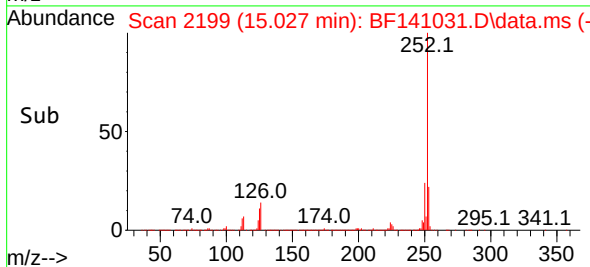
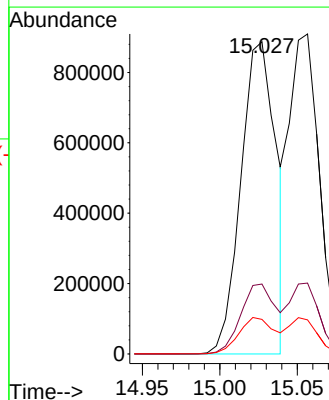
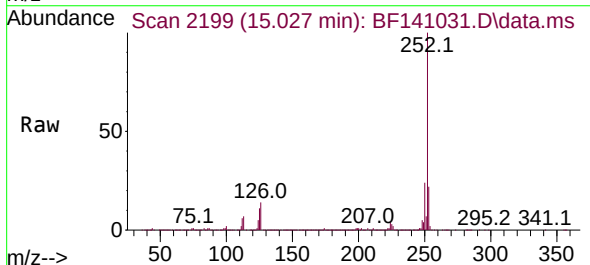
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

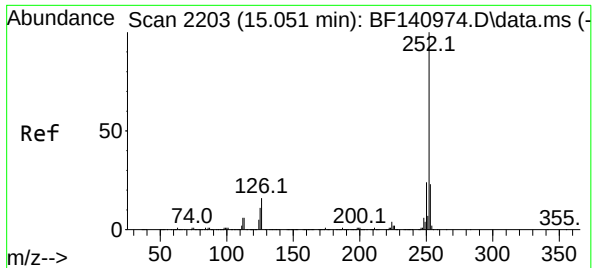
Tgt Ion:276 Resp: 1651010
Ion Ratio Lower Upper
276 100
138 27.3 23.1 34.7
277 25.7 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 35.303 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF141031.D
Acq: 30 Dec 2024 15:20

Tgt Ion:252 Resp: 1399852
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.1 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 39.356 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

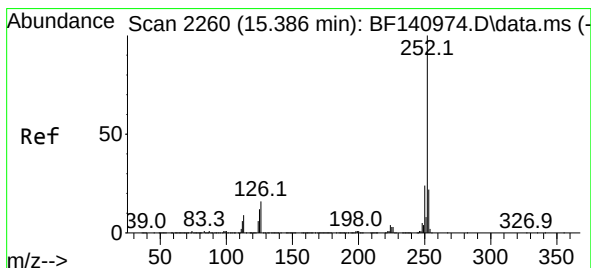
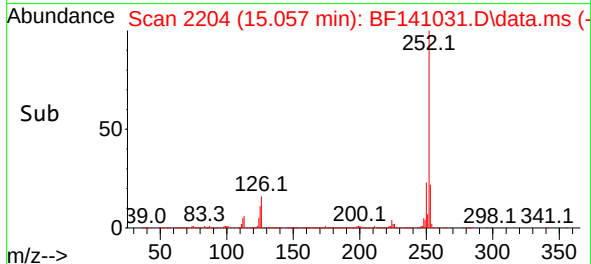
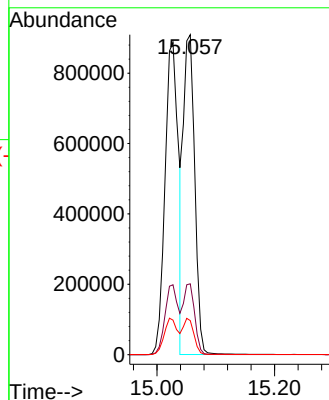
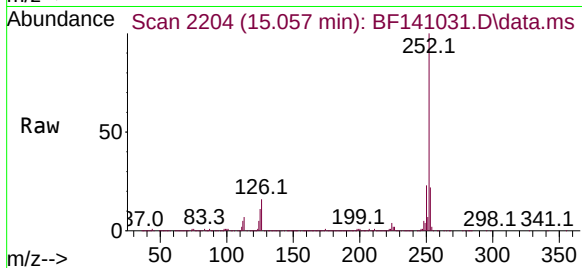
Tgt Ion:252 Resp: 1223125

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.6 9.4 14.0



#90

Benzo(a)pyrene

Concen: 38.714 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

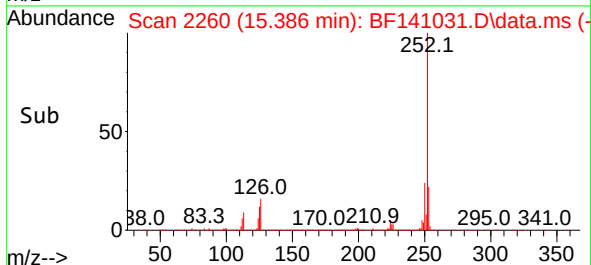
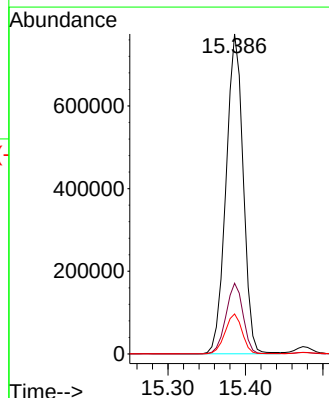
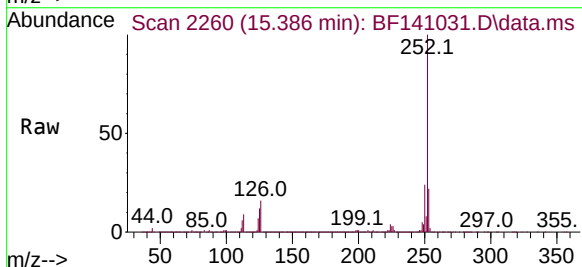
Tgt Ion:252 Resp: 1191505

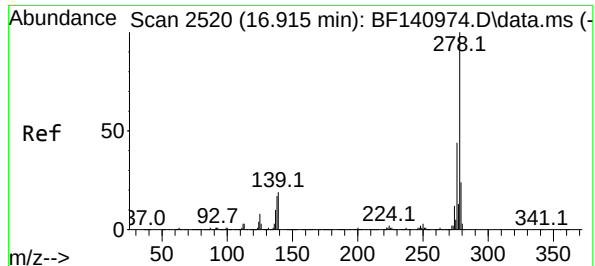
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 46.355 ng

RT: 16.921 min Scan# 2520

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

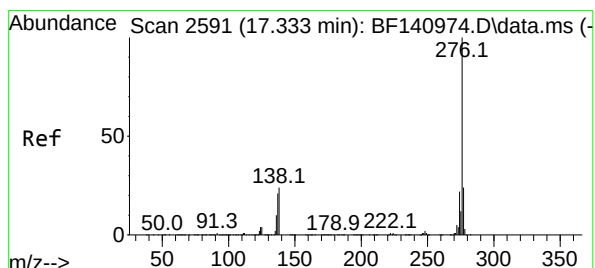
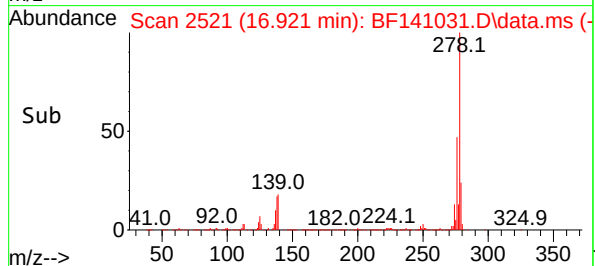
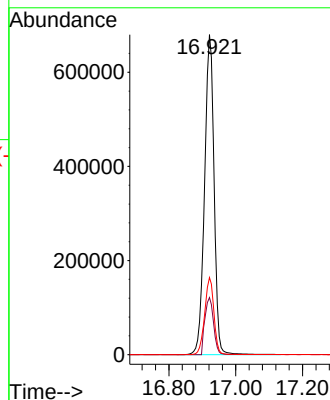
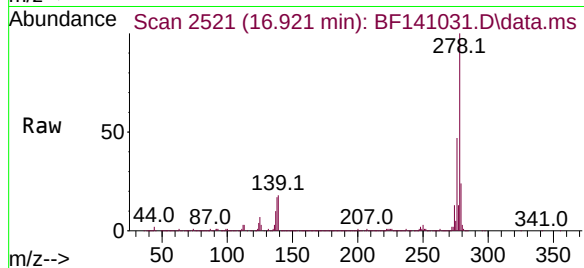
Tgt Ion:278 Resp: 1345942

Ion Ratio Lower Upper

278 100

139 17.8 14.9 22.3

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.704 ng

RT: 17.339 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF141031.D

Acq: 30 Dec 2024 15:20

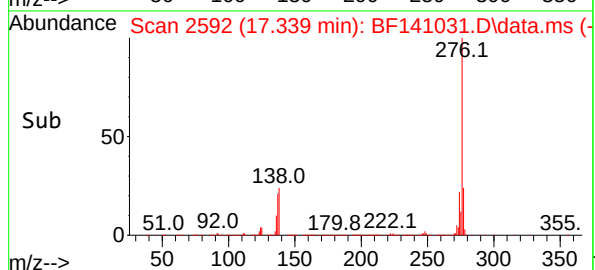
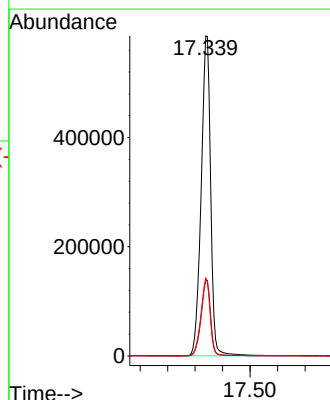
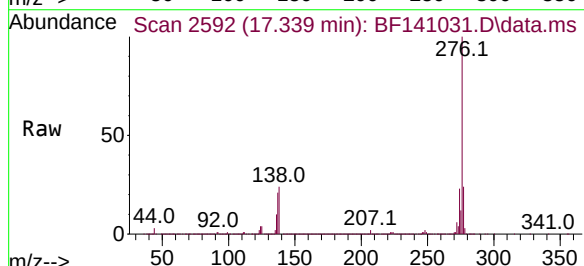
Tgt Ion:276 Resp: 1406501

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 24.3 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141031.D
 Acq On : 30 Dec 2024 15:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 30 15:45:41 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	110	0.00
2	1,4-Dioxane	0.601	0.573	4.7	106	0.00
3	Pyridine	1.468	1.463	0.3	112	0.00
4	n-Nitrosodimethylamine	0.744	0.699	6.0	103	0.00
5 S	2-Fluorophenol	1.327	1.261	5.0	107	0.00
6	Aniline	1.524	1.537	-0.9	105	-0.02
7 S	Phenol-d6	1.709	1.621	5.1	107	0.00
8	2-Chlorophenol	1.399	1.361	2.7	108	0.00
9	Benzaldehyde	0.941	0.947	-0.6	121	0.00
10 C	Phenol	1.767	1.768	-0.1	112	0.00
11	bis(2-Chloroethyl)ether	1.427	1.314	7.9	106	0.00
12	1,3-Dichlorobenzene	1.544	1.496	3.1	109	0.00
13 C	1,4-Dichlorobenzene	1.556	1.493	4.0	108	0.00
14	1,2-Dichlorobenzene	1.451	1.400	3.5	109	0.00
15	Benzyl Alcohol	1.228	1.171	4.6	105	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.014	6.7	105	0.00
17	2-Methylphenol	1.162	1.109	4.6	106	0.00
18	Hexachloroethane	0.553	0.554	-0.2	112	0.00
19 P	n-Nitroso-di-n-propylamine	1.047	0.965	7.8	105	0.00
20	3+4-Methylphenols	1.471	1.388	5.6	105	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	108	0.00
22	Acetophenone	0.491	0.461	6.1	106	0.00
23 S	Nitrobenzene-d5	0.313	0.363	-16.0	120	0.00
24	Nitrobenzene	0.349	0.384	-10.0	113	0.00
25	Isophorone	0.680	0.646	5.0	107	0.00
26 C	2-Nitrophenol	0.118	0.173	-46.6#	147	0.00
27	2,4-Dimethylphenol	0.249	0.242	2.8	108	0.00
28	bis(2-Chloroethoxy)methane	0.431	0.409	5.1	107	0.00
29 C	2,4-Dichlorophenol	0.282	0.282	0.0	110	0.00
30	1,2,4-Trichlorobenzene	0.319	0.316	0.9	110	0.00
31	Naphthalene	1.054	1.010	4.2	107	0.00
32	Benzoic acid	0.178	0.240	-34.8#	146	0.00
33	4-Chloroaniline	0.381	0.370	2.9	109	0.00
34 C	Hexachlorobutadiene	0.188	0.187	0.5	112	0.00
35	Caprolactam	0.096	0.096	0.0	110	0.00
36 C	4-Chloro-3-methylphenol	0.313	0.304	2.9	107	0.00
37	2-Methylnaphthalene	0.674	0.647	4.0	109	0.00
38	1-Methylnaphthalene	0.663	0.635	4.2	108	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40	1,2,4,5-Tetrachlorobenzene	0.550	0.544	1.1	111	0.00
41 P	Hexachlorocyclopentadiene	0.182	0.193	-6.0	113	0.00
42 S	2,4,6-Tribromophenol	0.194	0.216	-11.3	120	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.375	-2.5	112	0.00
44	2,4,5-Trichlorophenol	0.375	0.401	-6.9	115	0.00
45 S	2-Fluorobiphenyl	1.255	1.188	5.3	110	0.00
46	1,1'-Biphenyl	1.531	1.468	4.1	108	0.00
47	2-Chloronaphthalene	1.188	1.154	2.9	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141031.D
 Acq On : 30 Dec 2024 15:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 30 15:45:41 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	0.356	-37.5#	135	0.00
49	Acenaphthylene	1.710	1.654	3.3	109	0.00
50	Dimethylphthalate	1.316	1.285	2.4	109	0.00
51	2,6-Dinitrotoluene	0.231	0.303	-31.2#	129	0.00
52 C	Acenaphthene	1.156	1.151	0.4	112	0.00
53	3-Nitroaniline	0.255	0.321	-25.9#	124	0.00
54 P	2,4-Dinitrophenol	0.075	0.127	-69.3#	191#	0.00
55	Dibenzofuran	1.624	1.570	3.3	109	0.00
56 P	4-Nitrophenol	0.225	0.258	-14.7	122	0.00
57	2,4-Dinitrotoluene	0.273	0.394	-44.3#	138	0.00
58	Fluorene	1.260	1.202	4.6	110	0.00
59	2,3,4,6-Tetrachlorophenol	0.310	0.332	-7.1	115	0.00
60	Diethylphthalate	1.299	1.260	3.0	108	0.00
61	4-Chlorophenyl-phenylether	0.606	0.593	2.1	111	0.00
62	4-Nitroaniline	0.255	0.313	-22.7	122	0.00
63	Azobenzene	1.363	1.284	5.8	106	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.109	-62.7#	175#	0.00
66 c	n-Nitrosodiphenylamine	0.630	0.616	2.2	108	0.00
67	4-Bromophenyl-phenylether	0.216	0.226	-4.6	113	0.00
68	Hexachlorobenzene	0.238	0.243	-2.1	111	0.00
69	Atrazine	0.176	0.153	13.1	104	0.00
70 C	Pentachlorophenol	0.148	0.168	-13.5	115	0.00
71	Phenanthrene	1.053	1.021	3.0	108	0.00
72	Anthracene	1.031	0.993	3.7	106	0.00
73	Carbazole	0.992	0.922	7.1	104	0.00
74	Di-n-butylphthalate	1.128	1.094	3.0	107	0.00
75 C	Fluoranthene	1.142	1.030	9.8	100	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	87	0.00
77	Benzidine	0.423	0.533	-26.0#	112	0.00
78	Pyrene	1.749	1.874	-7.1	97	0.00
79 S	Terphenyl-d14	1.204	1.285	-6.7	98	0.00
80	Butylbenzylphthalate	0.639	0.667	-4.4	89	0.00
81	Benzo(a)anthracene	1.394	1.294	7.2	82	0.00
82	3,3'-Dichlorobenzidine	0.419	0.434	-3.6	94	0.00
83	Chrysene	1.257	1.255	0.2	91	0.00
84	Bis(2-ethylhexyl)phthalate	0.828	0.808	2.4	86	0.00
85 c	Di-n-octyl phthalate	1.199	1.223	-2.0	89	0.00
86 I	Perylene-d12	1.000	1.000	0.0	107	0.00
87	Indeno(1,2,3-cd)pyrene	1.260	1.452	-15.2	118	0.00
88	Benzo(b)fluoranthene	1.395	1.231	11.8	93	0.00
89	Benzo(k)fluoranthene	1.093	1.076	1.6	108	0.00
90 C	Benzo(a)pyrene	1.083	1.048	3.2	105	0.00
91	Dibenzo(a,h)anthracene	1.021	1.184	-16.0	118	0.00
92	Benzo(g,h,i)perylene	1.059	1.237	-16.8	117	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141031.D
Acq On : 30 Dec 2024 15:20
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 30 15:45:41 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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141031.D
 Acq On : 30 Dec 2024 15:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 30 15:45:41 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	110	0.00
2	1,4-Dioxane	40.000	38.163	4.6	106	0.00
3	Pyridine	40.000	39.878	0.3	112	0.00
4	n-Nitrosodimethylamine	40.000	37.582	6.0	103	0.00
5 S	2-Fluorophenol	80.000	76.023	5.0	107	0.00
6	Aniline	40.000	40.333	-0.8	105	-0.02
7 S	Phenol-d6	80.000	75.862	5.2	107	0.00
8	2-Chlorophenol	40.000	38.912	2.7	108	0.00
9	Benzaldehyde	40.000	46.726	-16.8	121	0.00
10 C	Phenol	40.000	40.018	-0.0	112	0.00
11	bis(2-Chloroethyl)ether	40.000	36.820	7.9	106	0.00
12	1,3-Dichlorobenzene	40.000	38.761	3.1	109	0.00
13 C	1,4-Dichlorobenzene	40.000	38.373	4.1	108	0.00
14	1,2-Dichlorobenzene	40.000	38.583	3.5	109	0.00
15	Benzyl Alcohol	40.000	38.126	4.7	105	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.323	6.7	105	0.00
17	2-Methylphenol	40.000	38.186	4.5	106	0.00
18	Hexachloroethane	40.000	40.050	-0.1	112	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.854	7.9	105	0.00
20	3+4-Methylphenols	40.000	37.750	5.6	105	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	108	0.00
22	Acetophenone	40.000	37.589	6.0	106	0.00
23 S	Nitrobenzene-d5	80.000	92.777	-16.0	120	0.00
24	Nitrobenzene	40.000	43.922	-9.8	113	0.00
25	Isophorone	40.000	37.995	5.0	107	0.00
26 C	2-Nitrophenol	40.000	48.249	-20.6#	147	0.00
27	2,4-Dimethylphenol	40.000	38.910	2.7	108	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.936	5.2	107	0.00
29 C	2,4-Dichlorophenol	40.000	40.029	-0.1	110	0.00
30	1,2,4-Trichlorobenzene	40.000	39.615	1.0	110	0.00
31	Naphthalene	40.000	38.348	4.1	107	0.00
32	Benzoic acid	40.000	47.041	-17.6	146	0.00
33	4-Chloroaniline	40.000	38.815	3.0	109	0.00
34 C	Hexachlorobutadiene	40.000	39.732	0.7	112	0.00
35	Caprolactam	40.000	40.135	-0.3	110	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.832	2.9	107	0.00
37	2-Methylnaphthalene	40.000	38.374	4.1	109	0.00
38	1-Methylnaphthalene	40.000	38.352	4.1	108	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.579	1.1	111	0.00
41 P	Hexachlorocyclopentadiene	40.000	42.427	-6.1	113	0.00
42 S	2,4,6-Tribromophenol	80.000	88.948	-11.2	120	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.001	-2.5	112	0.00
44	2,4,5-Trichlorophenol	40.000	42.819	-7.0	115	0.00
45 S	2-Fluorobiphenyl	80.000	75.691	5.4	110	0.00
46	1,1'-Biphenyl	40.000	38.352	4.1	108	0.00
47	2-Chloronaphthalene	40.000	38.869	2.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141031.D
 Acq On : 30 Dec 2024 15:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 30 15:45:41 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	46.083	-15.2	135	0.00
49	Acenaphthylene	40.000	38.686	3.3	109	0.00
50	Dimethylphthalate	40.000	39.070	2.3	109	0.00
51	2,6-Dinitrotoluene	40.000	45.428	-13.6	129	0.00
52 C	Acenaphthene	40.000	39.831	0.4	112	0.00
53	3-Nitroaniline	40.000	44.272	-10.7	124	0.00
54 P	2,4-Dinitrophenol	40.000	56.064	-40.2#	191	0.00
55	Dibenzofuran	40.000	38.665	3.3	109	0.00
56 P	4-Nitrophenol	40.000	45.778	-14.4	122	0.00
57	2,4-Dinitrotoluene	40.000	47.955	-19.9	138	0.00
58	Fluorene	40.000	38.157	4.6	110	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.815	-7.0	115	0.00
60	Diethylphthalate	40.000	38.805	3.0	108	0.00
61	4-Chlorophenyl-phenylether	40.000	39.104	2.2	111	0.00
62	4-Nitroaniline	40.000	43.316	-8.3	122	0.00
63	Azobenzene	40.000	37.680	5.8	106	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	40.000	53.525	-33.8#	175	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.124	2.2	108	0.00
67	4-Bromophenyl-phenylether	40.000	41.777	-4.4	113	0.00
68	Hexachlorobenzene	40.000	40.722	-1.8	111	0.00
69	Atrazine	40.000	34.671	13.3	104	0.00
70 C	Pentachlorophenol	40.000	45.167	-12.9	115	0.00
71	Phenanthrene	40.000	38.783	3.0	108	0.00
72	Anthracene	40.000	38.493	3.8	106	0.00
73	Carbazole	40.000	37.195	7.0	104	0.00
74	Di-n-butylphthalate	40.000	38.788	3.0	107	0.00
75 C	Fluoranthene	40.000	36.104	9.7	100	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	87	0.00
77	Benzydine	40.000	50.432	-26.1#	112	0.00
78	Pyrene	40.000	42.847	-7.1	97	0.00
79 S	Terphenyl-d14	80.000	85.381	-6.7	98	0.00
80	Butylbenzylphthalate	40.000	41.781	-4.5	89	0.00
81	Benzo(a)anthracene	40.000	37.136	7.2	82	0.00
82	3,3'-Dichlorobenzidine	40.000	41.470	-3.7	94	0.00
83	Chrysene	40.000	39.961	0.1	91	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.001	2.5	86	0.00
85 c	Di-n-octyl phthalate	40.000	40.813	-2.0	89	0.00
86 I	Perylene-d12	20.000	20.000	0.0	107	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.092	-15.2	118	0.00
88	Benzo(b)fluoranthene	40.000	35.303	11.7	93	0.00
89	Benzo(k)fluoranthene	40.000	39.356	1.6	108	0.00
90 C	Benzo(a)pyrene	40.000	38.714	3.2	105	0.00
91	Dibenzo(a,h)anthracene	40.000	46.355	-15.9	118	0.00
92	Benzo(g,h,i)perylene	40.000	46.704	-16.8	117	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141031.D
Acq On : 30 Dec 2024 15:20
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 30 15:45:41 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 = 1



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5362 SAS No.: P5362 SDG No.: P5362

Instrument ID: BNA_F Calibration Date/Time: 12/31/2024 09:50

Lab File ID: BF141047.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
Pyridine	1.468	1.428		-2.7	
2-Fluorophenol	1.327	1.243		-6.3	
Phenol-d6	1.709	1.580		-7.5	
1,4-Dichlorobenzene	1.556	1.504		-3.3	20.0
2-Methylphenol	1.162	1.106		-4.8	
3+4-Methylphenols	1.471	1.374		-6.6	
Nitrobenzene-d5	0.313	0.363		16.0	
Hexachloroethane	0.553	0.540		-2.4	
Nitrobenzene	0.349	0.386		10.6	
Hexachlorobutadiene	0.188	0.188		0.0	20.0
2,4,6-Trichlorophenol	0.366	0.374		2.2	20.0
2-Fluorobiphenyl	1.255	1.203		-4.1	
2,4,5-Trichlorophenol	0.375	0.410		9.3	
2,4-Dinitrotoluene	0.273	0.404		48.0	
2,4,6-Tribromophenol	0.194	0.219		12.9	
Hexachlorobenzene	0.238	0.242		1.7	
Pentachlorophenol	0.148	0.167		12.8	20.0
Terphenyl-d14	1.204	1.316		9.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141047.D
 Acq On : 31 Dec 2024 09:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 31 10:37:12 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	267957	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1030825	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	541136	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	944319	20.000	ng	0.00
76) Chrysene-d12	13.986	240	516920	20.000	ng	0.00
86) Perylene-d12	15.445	264	521026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1332201	74.942	ng	0.00
7) Phenol-d6	6.451	99	1693926	73.971	ng	0.00
23) Nitrobenzene-d5	7.392	82	1496248	92.864	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	474848	90.305	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2603292	76.647	ng	0.00
79) Terphenyl-d14	12.933	244	2720559	87.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	300777	37.373	ng	98
3) Pyridine	3.293	79	765257	38.909	ng	100
4) n-Nitrosodimethylamine	3.246	42	370893	37.219	ng	100
6) Aniline	6.492	93	790836	38.722	ng	99
8) 2-Chlorophenol	6.610	128	726362	38.756	ng	100
9) Benzaldehyde	6.381	77	505724	46.524	ng	98
10) Phenol	6.469	94	920756	38.885	ng	100
11) bis(2-Chloroethyl)ether	6.569	93	686822	35.923	ng	97
12) 1,3-Dichlorobenzene	6.769	146	797977	38.580	ng	99
13) 1,4-Dichlorobenzene	6.845	146	806042	38.657	ng	99
14) 1,2-Dichlorobenzene	6.998	146	743175	38.228	ng	100
15) Benzyl Alcohol	6.969	79	621425	37.763	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1034797	35.789	ng	100
17) 2-Methylphenol	7.075	107	592918	38.080	ng	99
18) Hexachloroethane	7.345	117	289599	39.098	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	501793	35.768	ng	98
20) 3+4-Methylphenols	7.228	107	736277	37.368	ng	99
22) Acetophenone	7.239	105	934849	36.969	ng	100
24) Nitrobenzene	7.410	77	796552	44.244	ng	97
25) Isophorone	7.651	82	1311982	37.420	ng	100
26) 2-Nitrophenol	7.728	139	365289	49.343	ng	98
27) 2,4-Dimethylphenol	7.757	122	495173	38.644	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	836421	37.653	ng	99
29) 2,4-Dichlorophenol	7.963	162	584727	40.235	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	647207	39.347	ng	99
31) Naphthalene	8.134	128	2067708	38.067	ng	100
32) Benzoic acid	7.863	122	499690	47.485	ng	98
33) 4-Chloroaniline	8.181	127	745241	37.924	ng	99
34) Hexachlorobutadiene	8.251	225	386661	39.874	ng	99
35) Caprolactam	8.545	113	193086	39.082	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	628876	38.965	ng	99
37) 2-Methylnaphthalene	8.822	142	1334497	38.404	ng	99
38) 1-Methylnaphthalene	8.922	142	1304103	38.186	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	601004	40.370	ng	99
41) Hexachlorocyclopentadiene	8.975	237	221230	44.842	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	405252	40.900	ng	100

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 Data File : BF141047.D
 Acq On : 31 Dec 2024 09:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

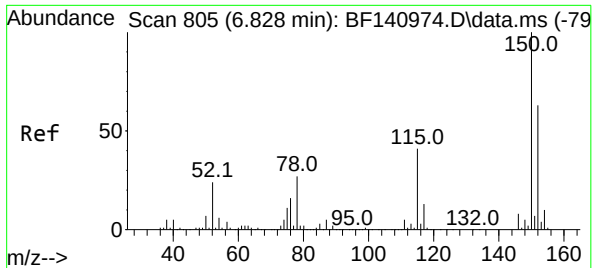
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 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	443739	43.770	ng	97
46) 1,1'-Biphenyl	9.286	154	1615794	38.996	ng	99
47) 2-Chloronaphthalene	9.310	162	1259180	39.184	ng	100
48) 2-Nitroaniline	9.404	65	385872	46.103	ng	92
49) Acenaphthylene	9.728	152	1813534	39.203	ng	99
50) Dimethylphthalate	9.586	163	1402578	39.405	ng	100
51) 2,6-Dinitrotoluene	9.645	165	333533	46.104	ng	95
52) Acenaphthene	9.898	154	1267239	40.520	ng	99
53) 3-Nitroaniline	9.810	138	349707	44.551	ng	# 95
54) 2,4-Dinitrophenol	9.916	184	156863	61.568	ng	# 1
55) Dibenzofuran	10.069	168	1704562	38.783	ng	99
56) 4-Nitrophenol	9.963	139	282460	46.391	ng	95
57) 2,4-Dinitrotoluene	10.045	165	437151	49.100	ng	94
58) Fluorene	10.410	166	1308111	38.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	357083	42.528	ng	98
60) Diethylphthalate	10.286	149	1379308	39.252	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	651251	39.712	ng	98
62) 4-Nitroaniline	10.422	138	342558	43.755	ng	95
63) Azobenzene	10.563	77	1391923	37.738	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	220410	56.489	ng	97
66) n-Nitrosodiphenylamine	10.522	169	1165374	39.190	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	423670	41.503	ng	98
68) Hexachlorobenzene	10.957	284	456958	40.596	ng	100
69) Atrazine	11.045	200	265890	32.006	ng	99
70) Pentachlorophenol	11.145	266	315683	45.045	ng	99
71) Phenanthrene	11.375	178	1897392	38.177	ng	100
72) Anthracene	11.422	178	1876029	38.522	ng	100
73) Carbazole	11.575	167	1750673	37.394	ng	100
74) Di-n-butylphthalate	11.910	149	2025342	38.035	ng	100
75) Fluoranthene	12.557	202	1953344	36.238	ng	100
77) Benzidine	12.680	184	480734	44.005	ng	99
78) Pyrene	12.786	202	1965413	43.474	ng	100
80) Butylbenzylphthalate	13.410	149	697280	42.239	ng	99
81) Benzo(a)anthracene	13.974	228	1358803	37.717	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	454247	41.967	ng	100
83) Chrysene	14.010	228	1307395	40.257	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	832280	38.867	ng	100
85) Di-n-octyl phthalate	14.592	149	1252361	40.408	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	1558168	47.468	ng	98
88) Benzo(b)fluoranthene	15.021	252	1334435	36.722	ng	99
89) Benzo(k)fluoranthene	15.051	252	1037087	36.414	ng	99
90) Benzo(a)pyrene	15.386	252	1079136	38.260	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1257257	47.249	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1320537	47.848	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

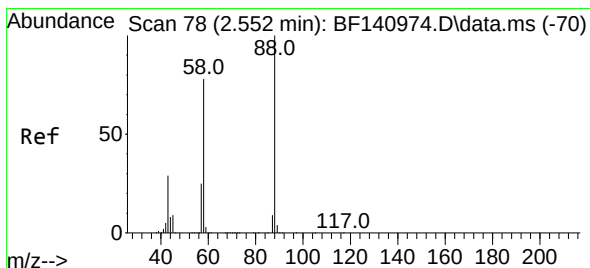
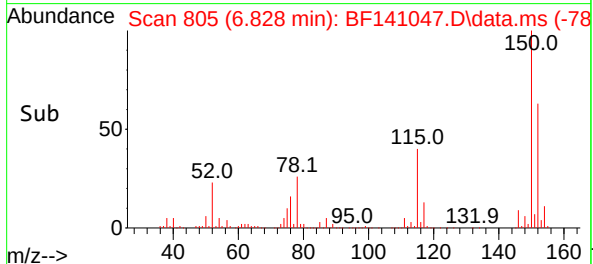
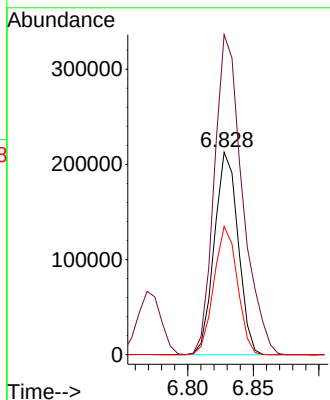
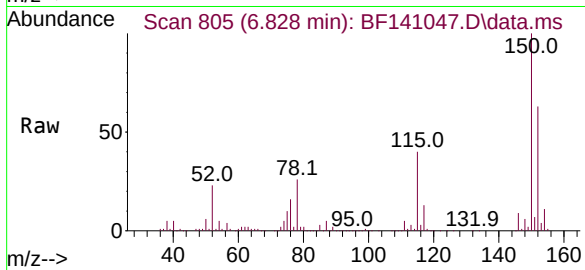
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

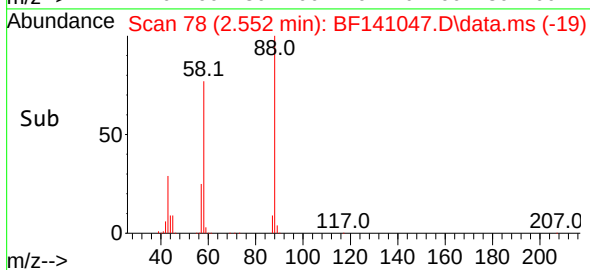
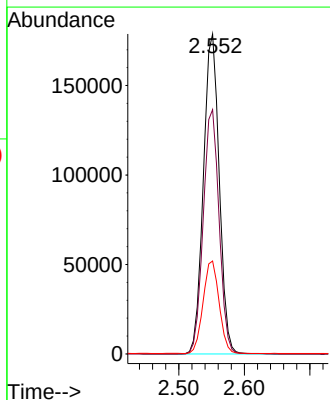
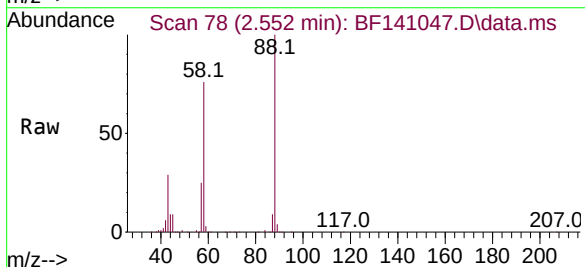
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

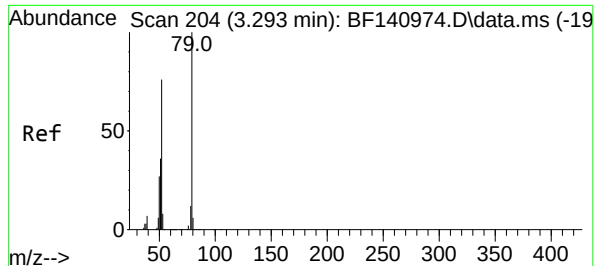
Tgt Ion:152 Resp: 267957
Ion Ratio Lower Upper
152 100
150 158.1 127.0 190.6
115 63.3 51.7 77.5



#2
1,4-Dioxane
Concen: 37.373 ng
RT: 2.552 min Scan# 78
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

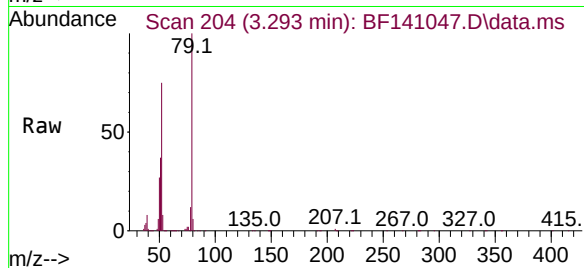
Tgt Ion: 88 Resp: 300777
Ion Ratio Lower Upper
88 100
58 76.5 63.0 94.4
43 29.2 23.4 35.2



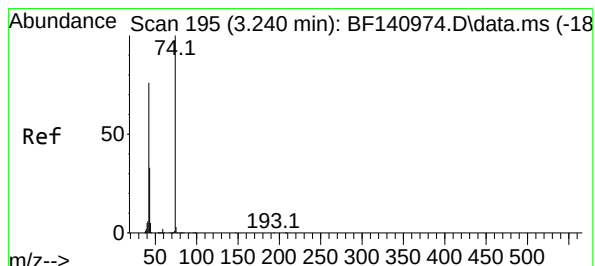
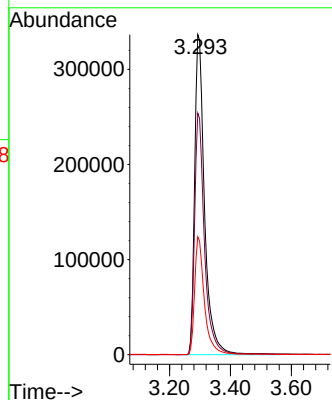
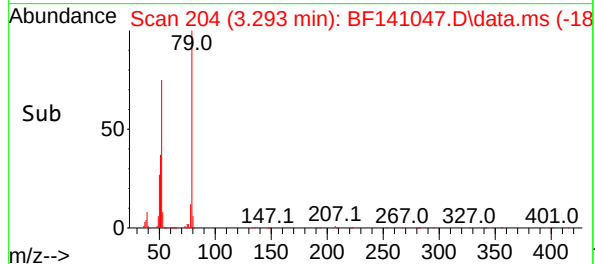


#3
Pyridine
Concen: 38.909 ng
RT: 3.293 min Scan# 204
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

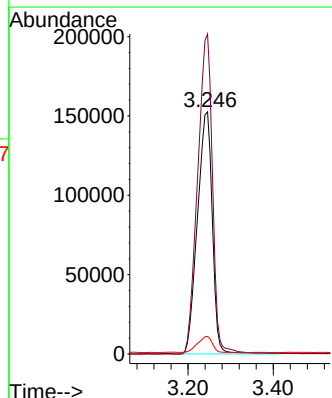
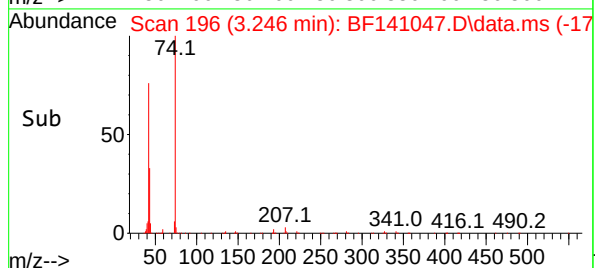
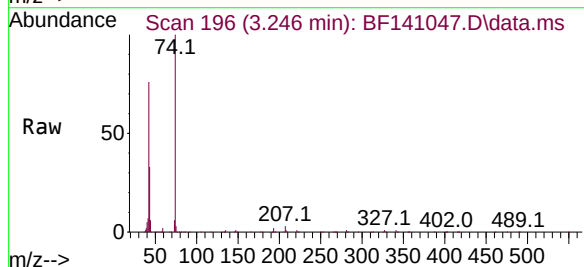


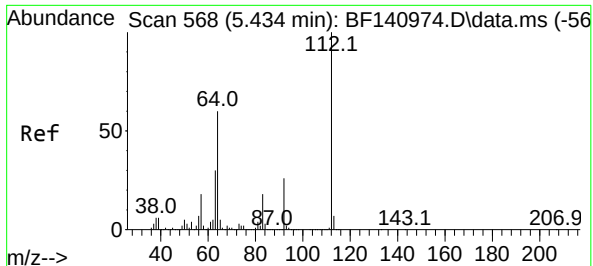
Tgt Ion: 79 Resp: 765257
Ion Ratio Lower Upper
79 100
52 75.4 60.4 90.6
51 36.8 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 37.219 ng
RT: 3.246 min Scan# 196
Delta R.T. 0.006 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion: 42 Resp: 370893
Ion Ratio Lower Upper
42 100
74 132.2 105.8 158.6
44 7.3 6.6 10.0

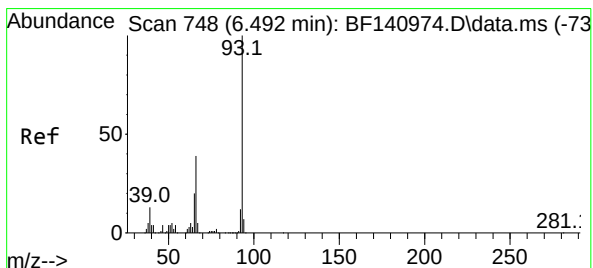
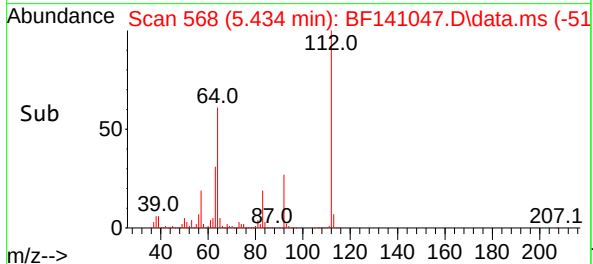
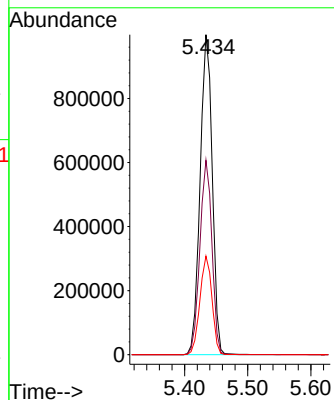
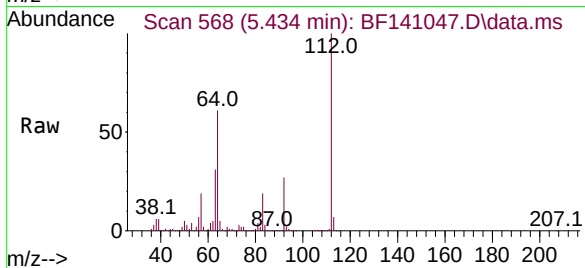




#5
2-Fluorophenol
Concen: 74.942 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

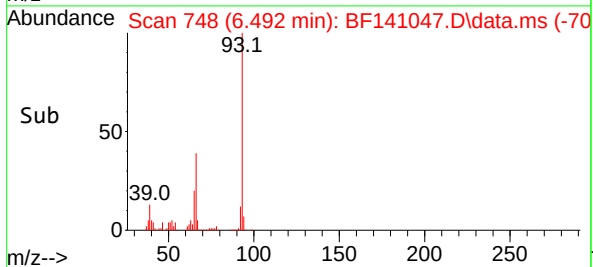
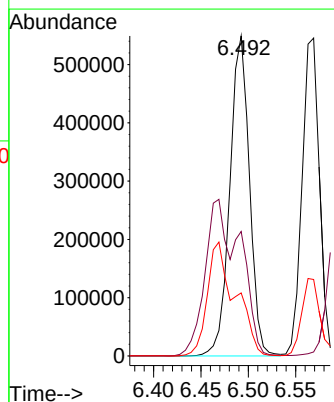
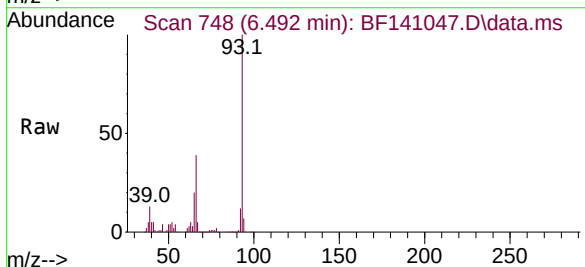
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

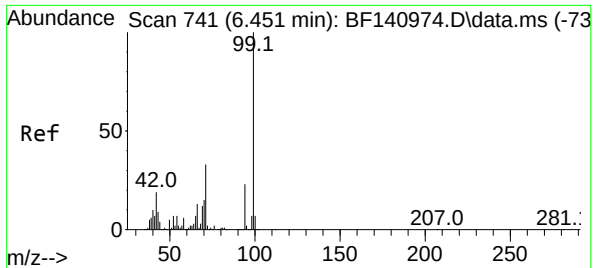
Tgt Ion:112 Resp: 1332201
Ion Ratio Lower Upper
112 100
64 60.7 47.7 71.5
63 30.8 24.2 36.2



#6
Aniline
Concen: 38.722 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion: 93 Resp: 790836
Ion Ratio Lower Upper
93 100
66 38.9 31.8 47.8
65 19.7 15.4 23.0

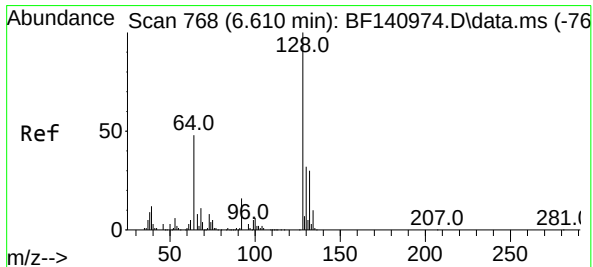
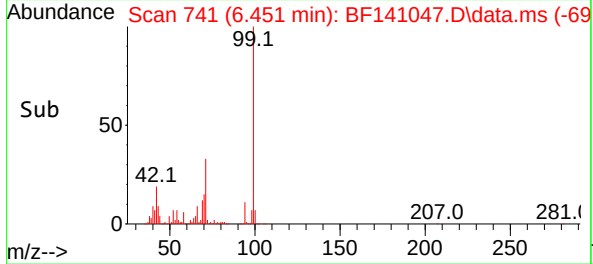
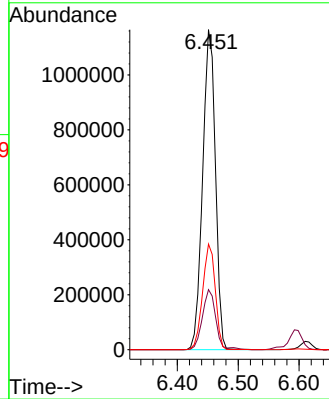
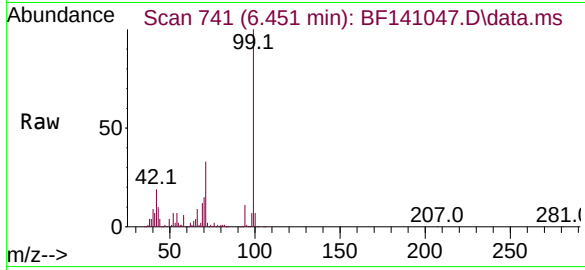




#7
Phenol-d6
Concen: 73.971 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

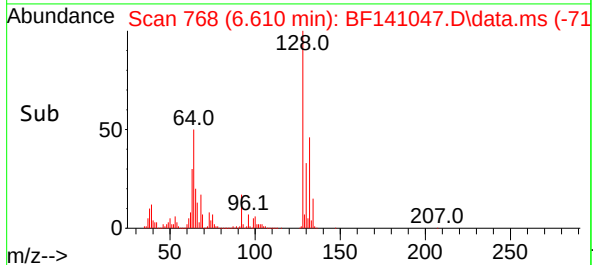
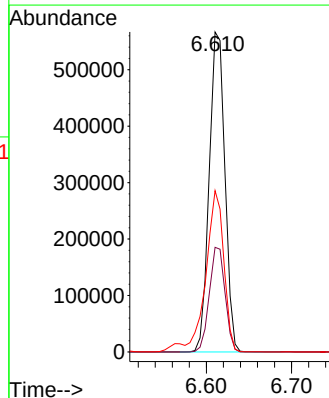
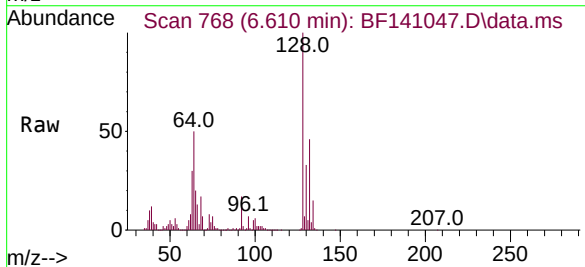
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ClientSampleId :
SSTDCCC040

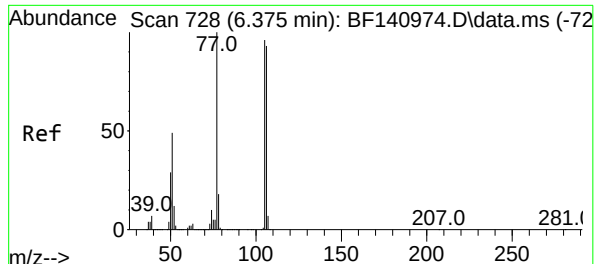
Tgt Ion: 99 Resp: 1693926
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 33.0 26.2 39.2



#8
2-Chlorophenol
Concen: 38.756 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion: 128 Resp: 726362
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 50.4 30.3 70.3





#9

Benzaldehyde

Concen: 46.524 ng

RT: 6.381 min Scan# 729

Delta R.T. 0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

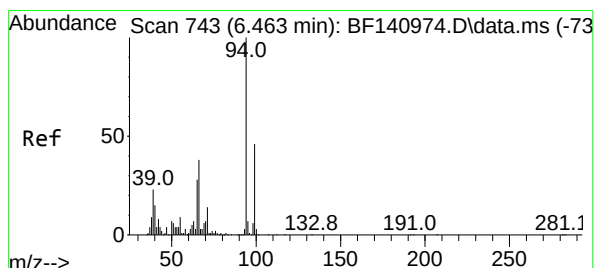
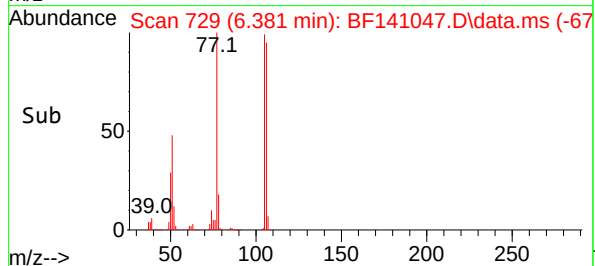
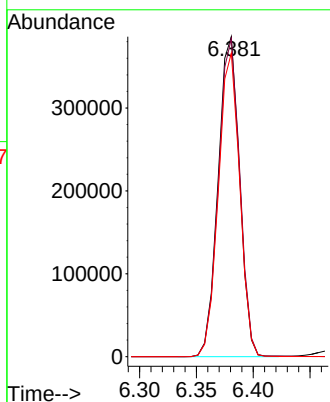
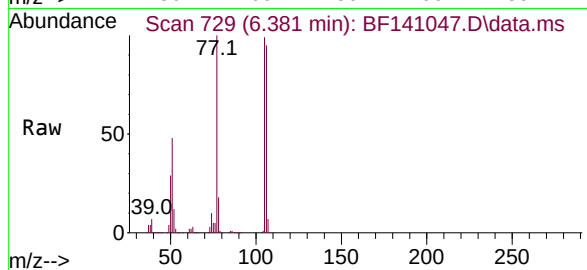
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 505724

Ion	Ratio	Lower	Upper
77	100		
105	99.4	76.2	116.2
106	94.8	73.4	113.4



#10

Phenol

Concen: 38.885 ng

RT: 6.469 min Scan# 744

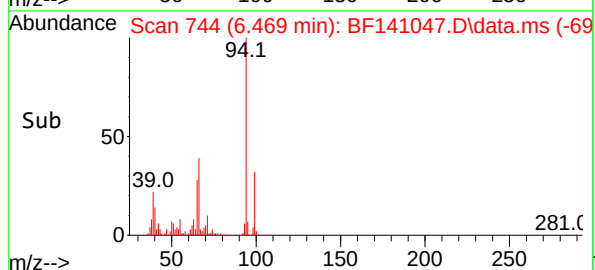
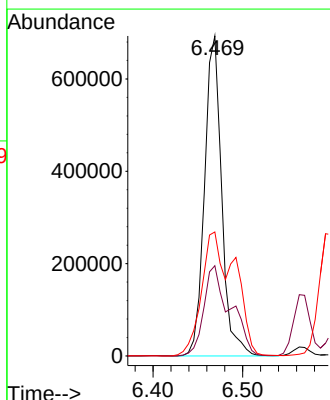
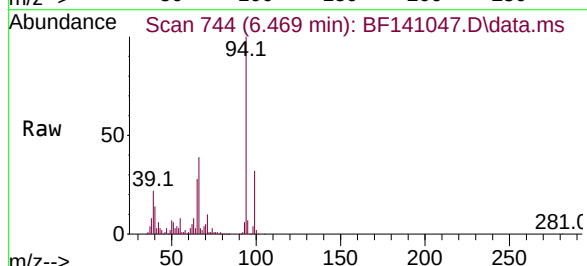
Delta R.T. 0.006 min

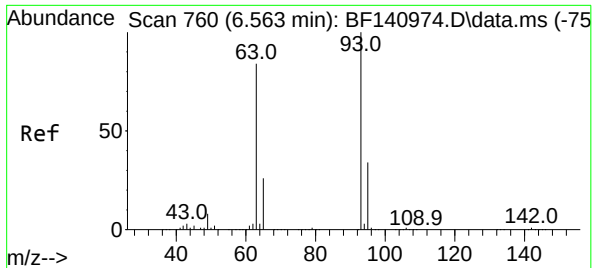
Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Tgt Ion: 94 Resp: 920756

Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.1	48.1
66	38.8	18.7	58.7

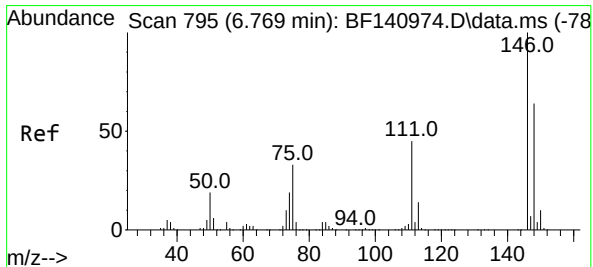
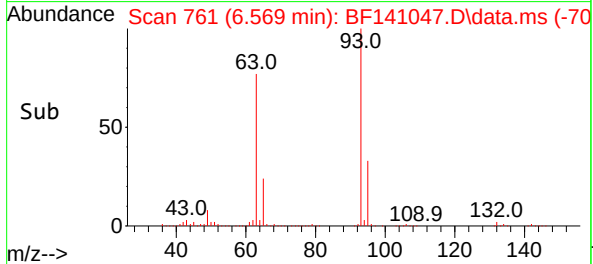
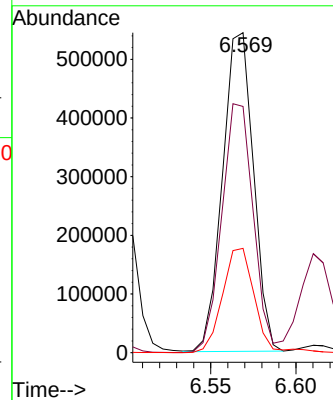
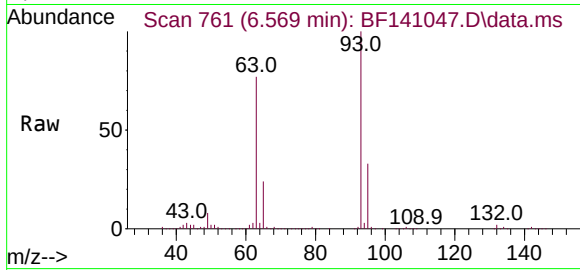




#11
bis(2-Chloroethyl)ether
Concen: 35.923 ng
RT: 6.569 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

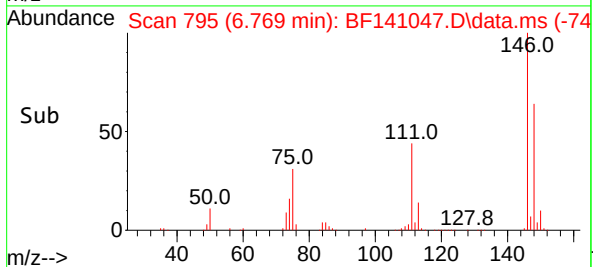
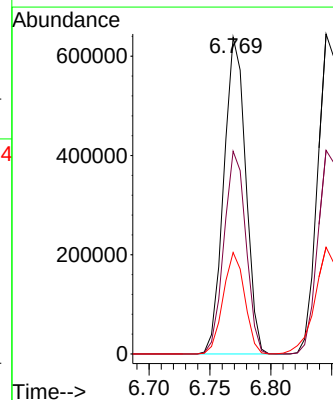
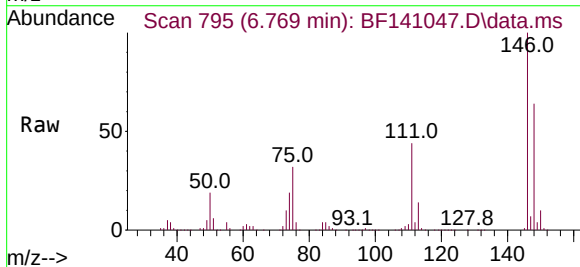
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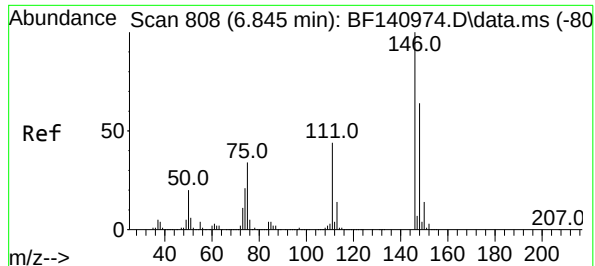
Tgt Ion: 93 Resp: 686822
Ion Ratio Lower Upper
93 100
63 77.0 60.3 100.3
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 38.580 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion: 146 Resp: 797977
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 32.1 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.657 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

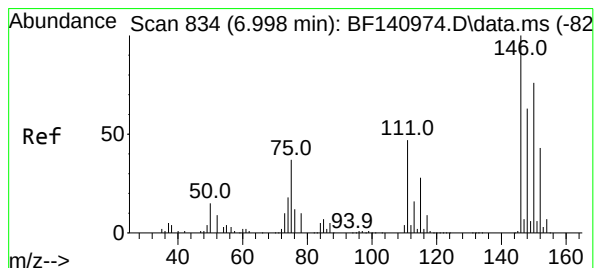
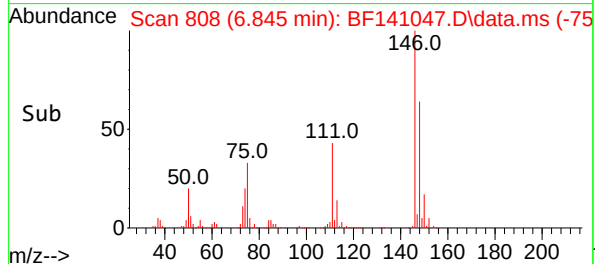
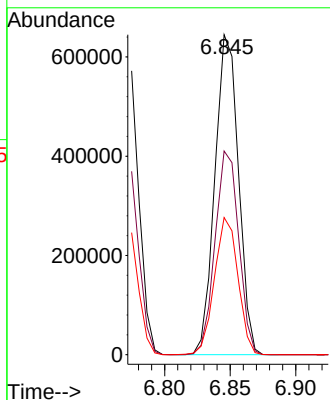
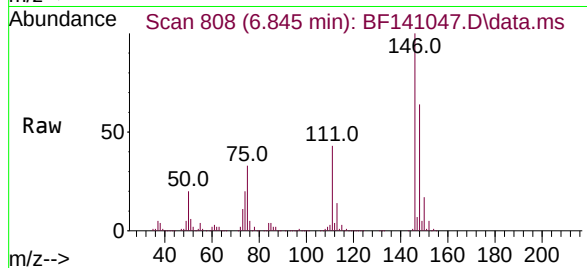
Tgt Ion:146 Resp: 806042

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 42.9 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 38.228 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

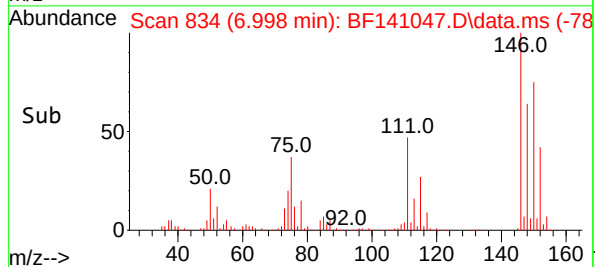
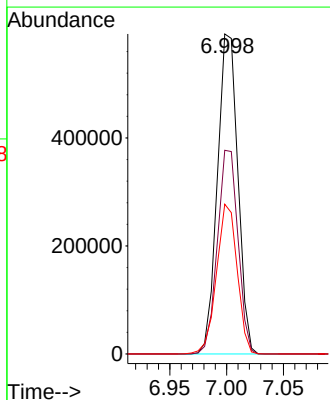
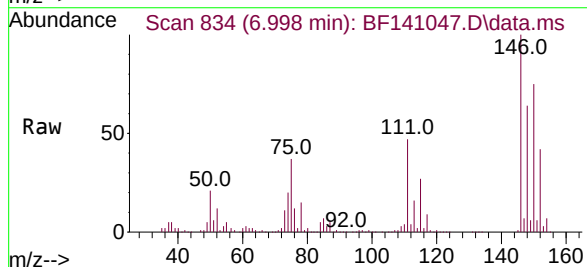
Tgt Ion:146 Resp: 743175

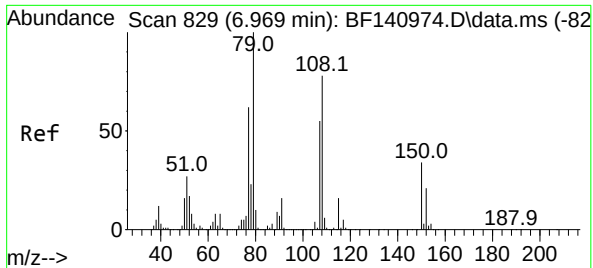
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

111 46.8 37.3 55.9

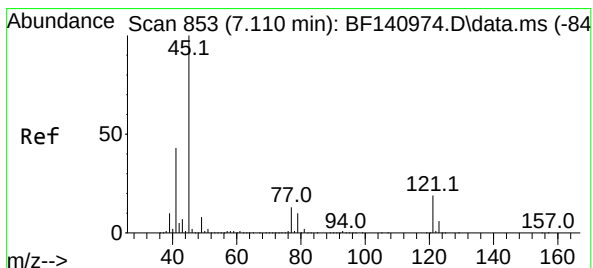
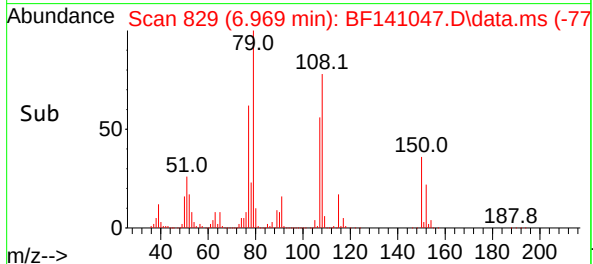
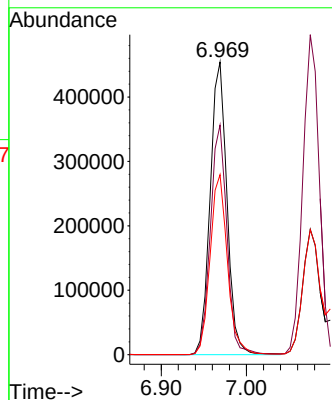
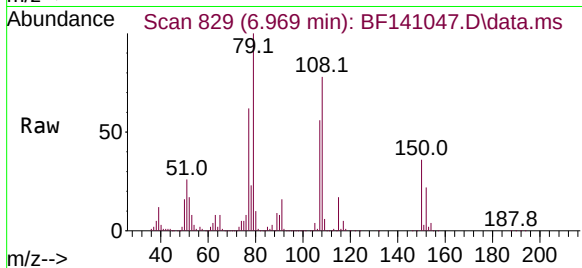




#15
Benzyl Alcohol
Concen: 37.763 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

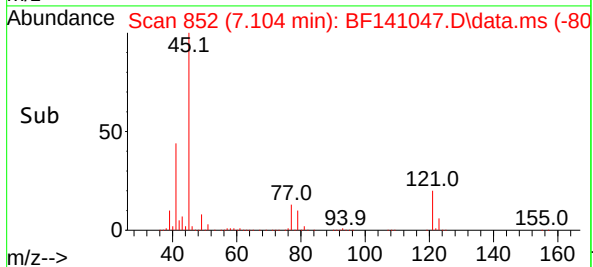
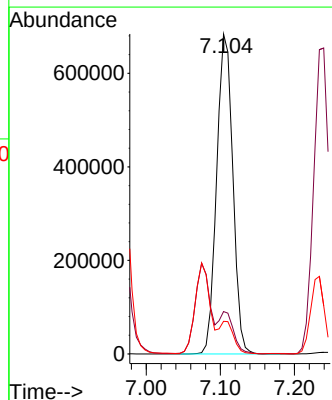
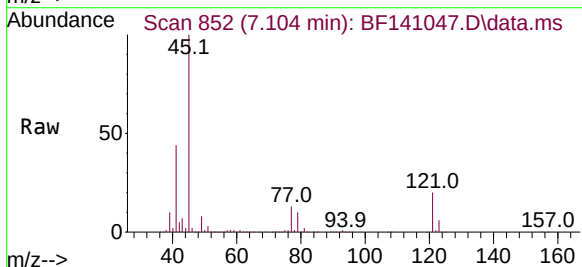
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

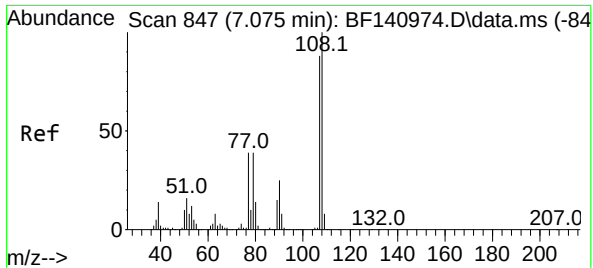
Tgt Ion: 79 Resp: 621425
Ion Ratio Lower Upper
79 100
108 78.4 62.5 93.7
77 61.5 49.3 73.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.789 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion: 45 Resp: 1034797
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.1
79 10.2 0.0 30.1

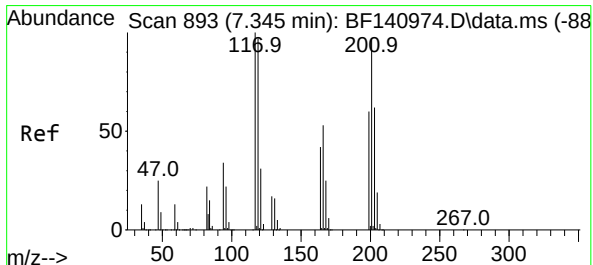
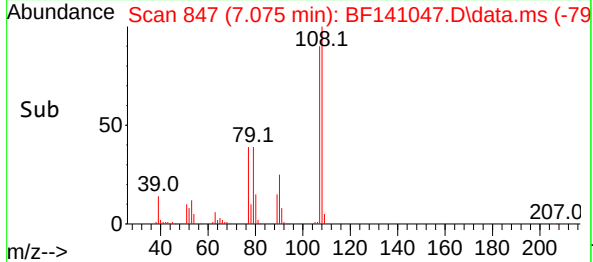
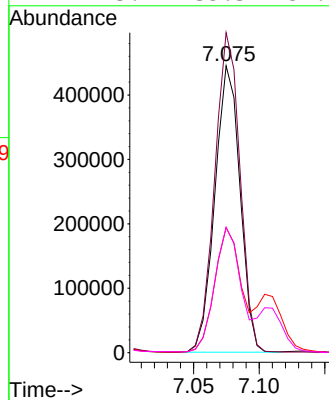
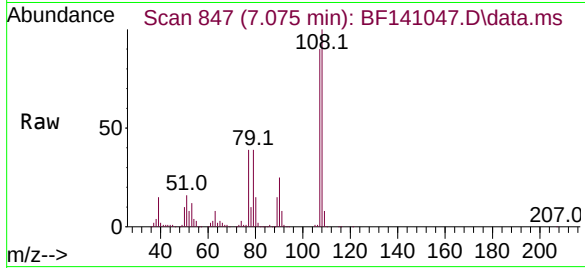




#17
2-Methylphenol
Concen: 38.080 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

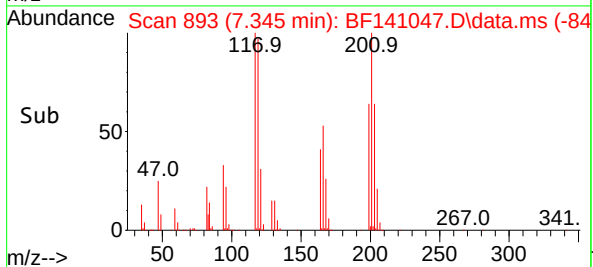
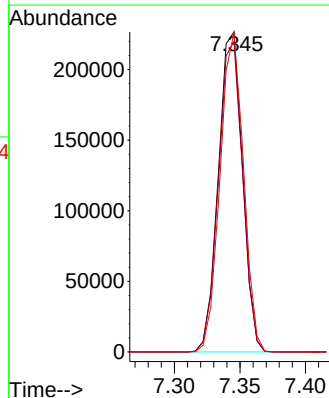
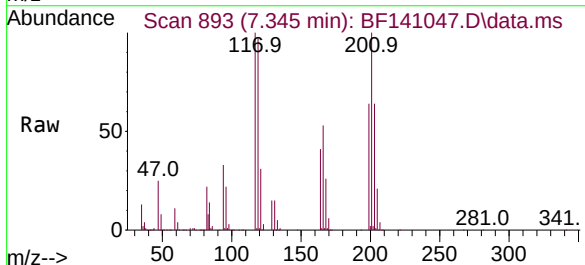
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

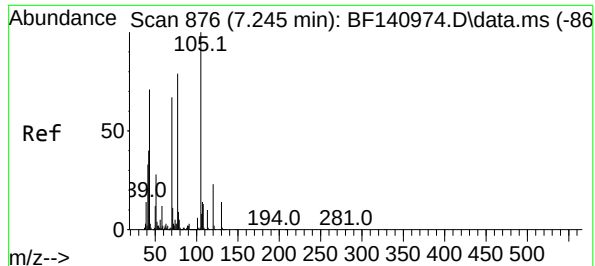
Tgt Ion:107 Resp: 592918
Ion Ratio Lower Upper
107 100
108 111.6 90.6 136.0
77 43.6 35.3 52.9
79 43.7 35.3 52.9



#18
Hexachloroethane
Concen: 39.098 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:117 Resp: 289599
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3
201 99.7 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 35.768 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 501793

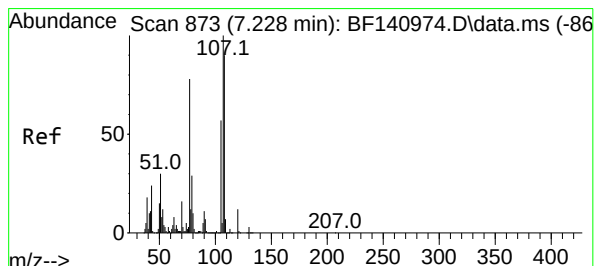
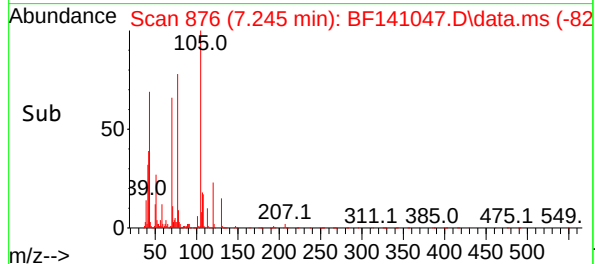
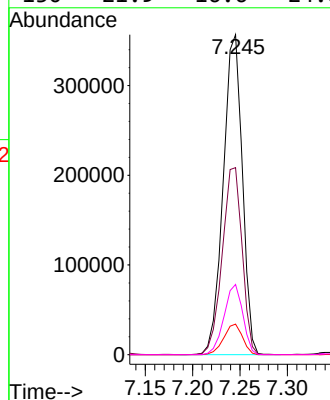
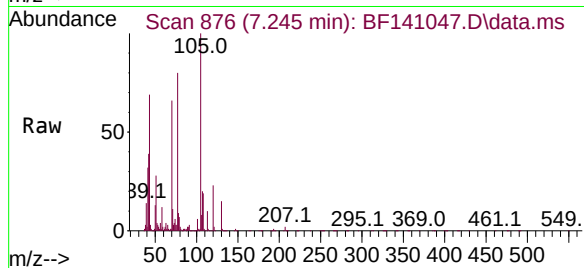
Ion Ratio Lower Upper

70 100

42 58.4 48.1 72.1

101 9.6 7.6 11.4

130 21.9 16.6 24.8



#20

3+4-Methylphenols

Concen: 37.368 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Tgt Ion:107 Resp: 736277

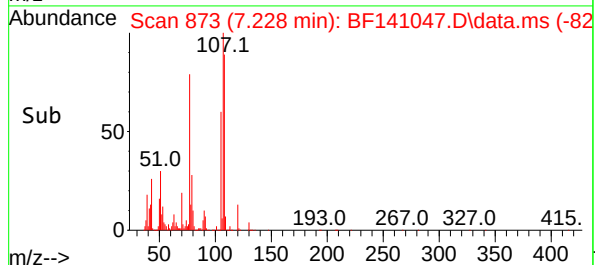
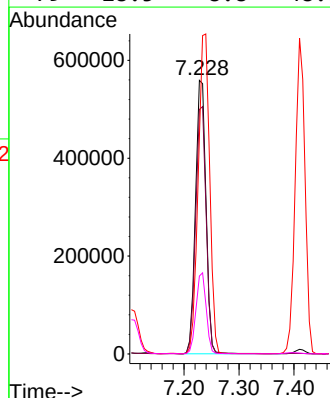
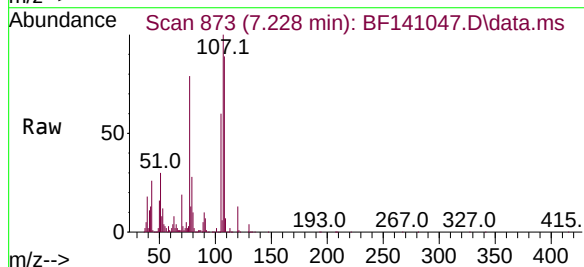
Ion Ratio Lower Upper

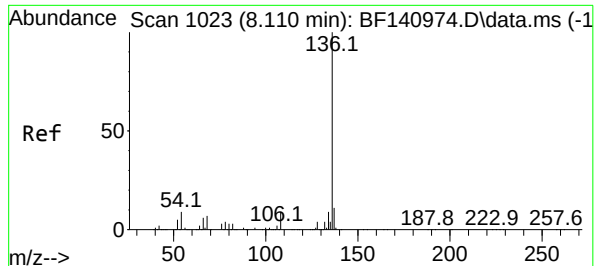
107 100

108 89.3 69.6 109.6

77 79.3 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: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1030825

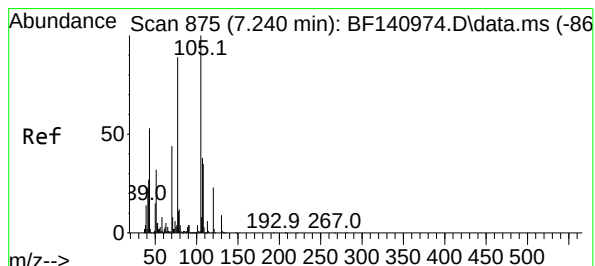
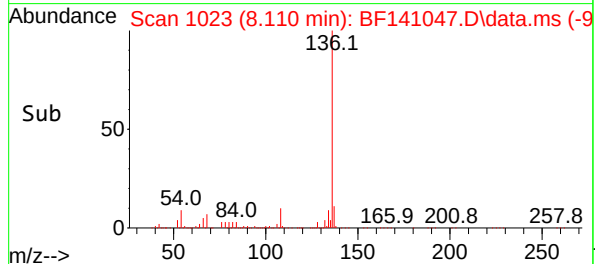
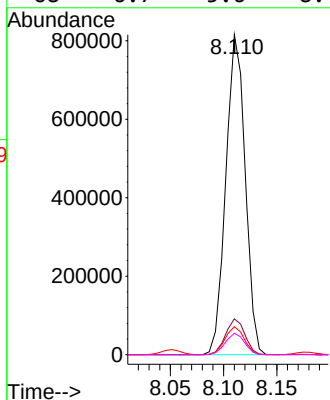
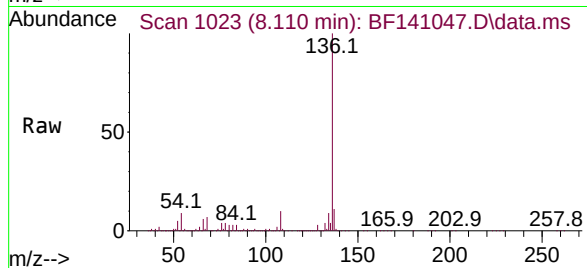
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.8 7.6 11.4

68 6.7 5.6 8.4



#22

Acetophenone

Concen: 36.969 ng

RT: 7.239 min Scan# 875

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Tgt Ion:105 Resp: 934849

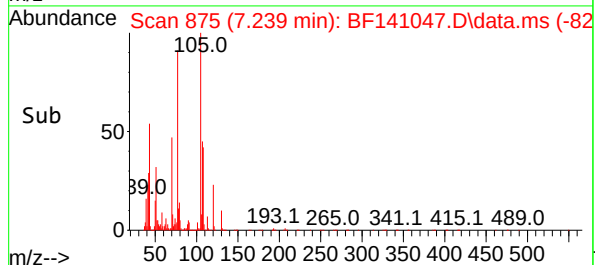
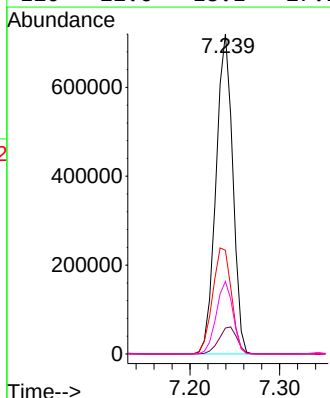
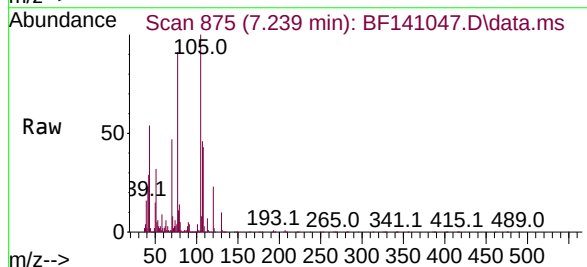
Ion Ratio Lower Upper

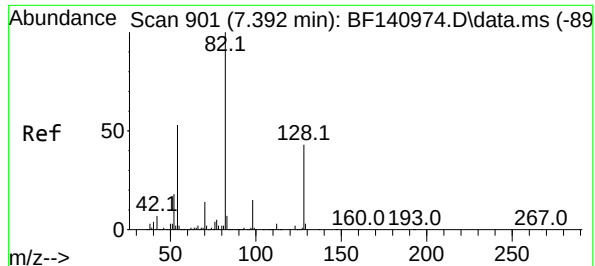
105 100

71 8.1 6.1 9.1

51 32.4 25.8 38.6

120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 92.864 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

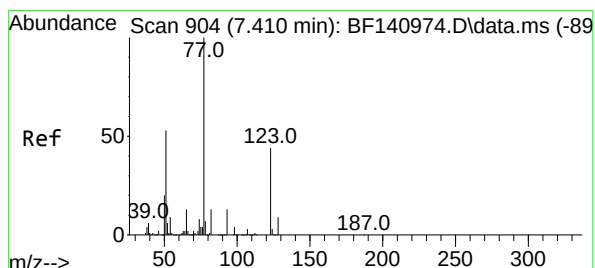
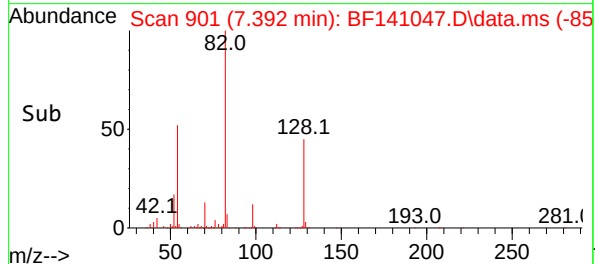
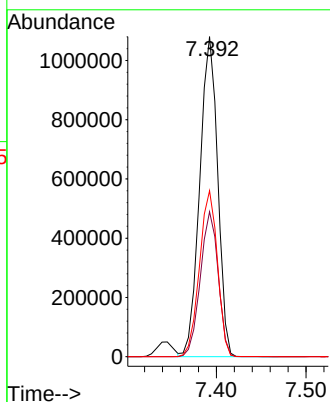
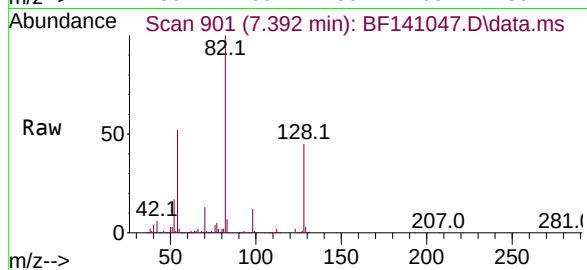
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1496248

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.4	51.6
54	51.9	42.4	63.6



#24

Nitrobenzene

Concen: 44.244 ng

RT: 7.410 min Scan# 904

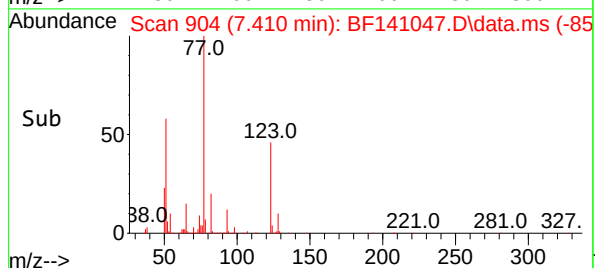
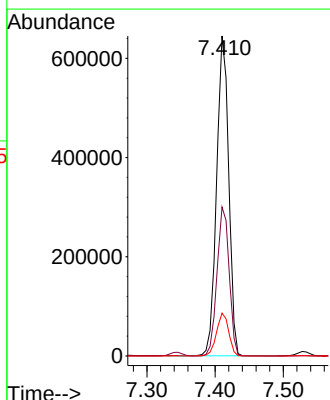
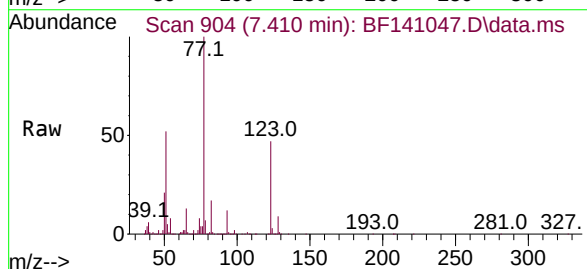
Delta R.T. -0.000 min

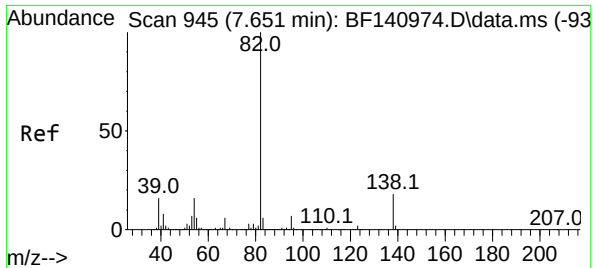
Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Tgt Ion: 77 Resp: 796552

Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.4	53.2
65	13.4	10.7	16.1

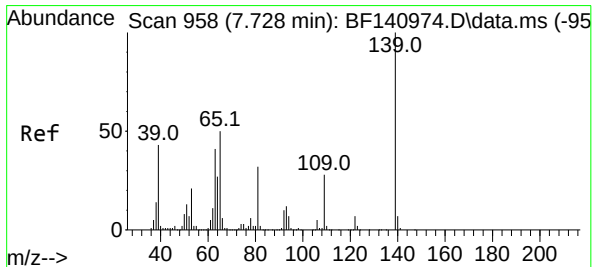
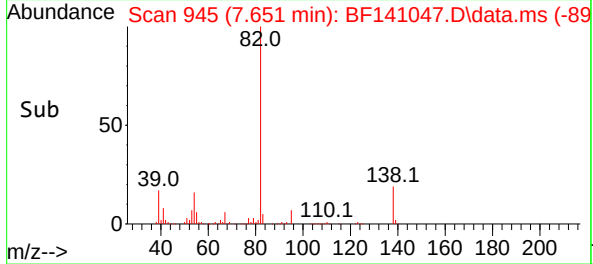
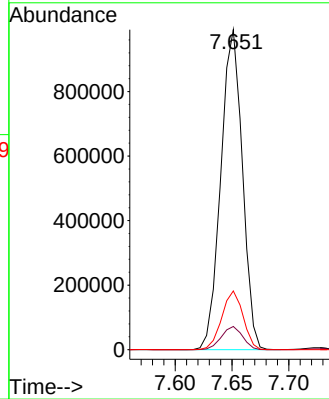
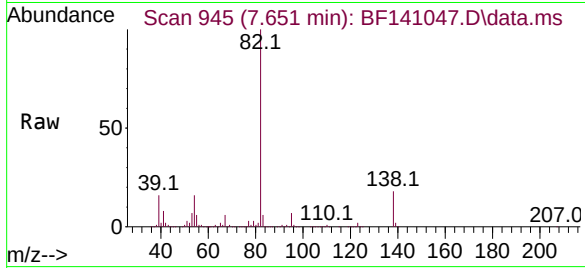




#25
Isophorone
Concen: 37.420 ng
RT: 7.651 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

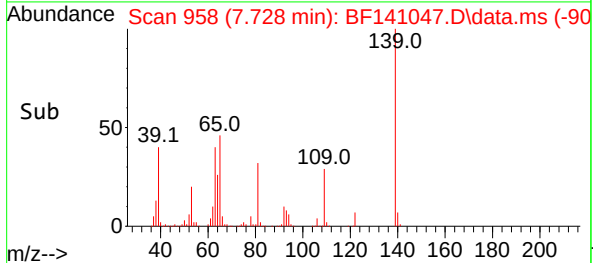
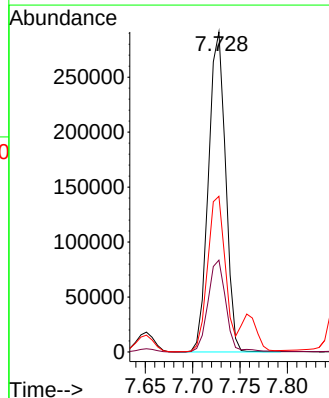
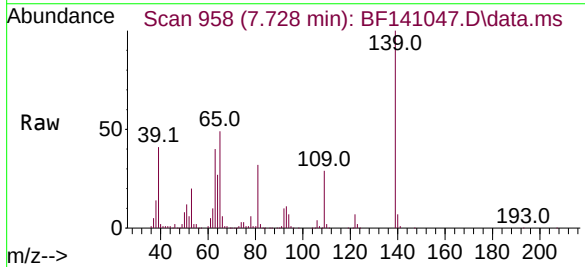
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

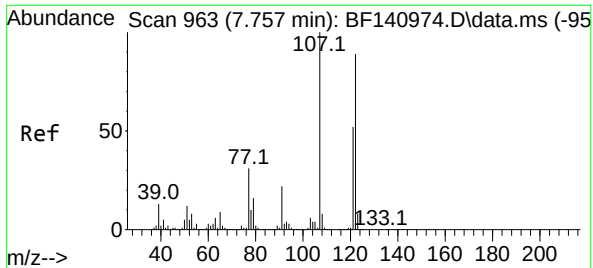
Tgt Ion: 82 Resp: 1311982
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 49.343 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:139 Resp: 365289
Ion Ratio Lower Upper
139 100
109 28.7 22.2 33.4
65 48.7 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 38.644 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

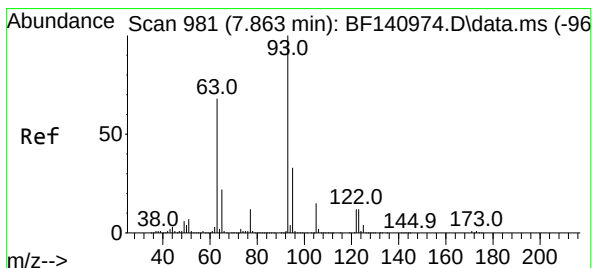
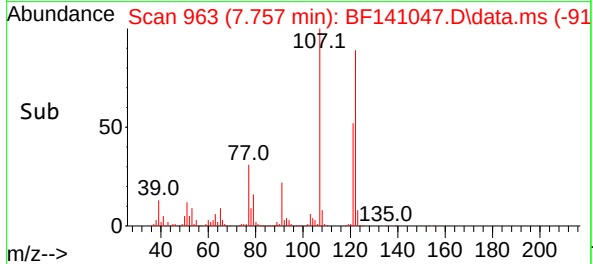
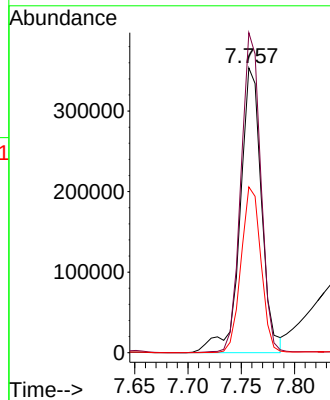
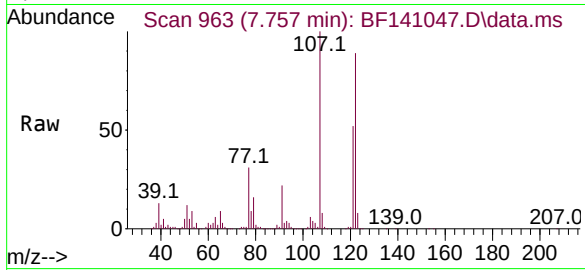
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 495173

Ion	Ratio	Lower	Upper
122	100		
107	112.3	89.4	134.2
121	58.2	46.7	70.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.653 ng

RT: 7.863 min Scan# 981

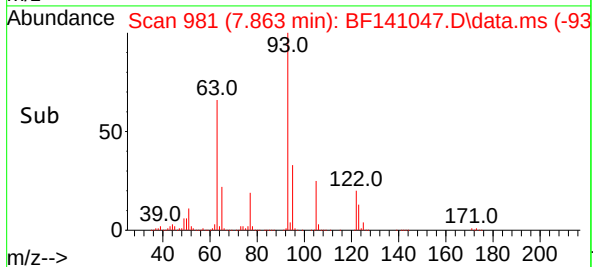
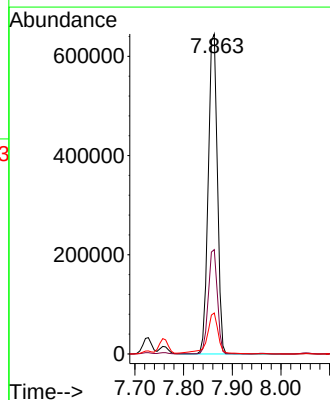
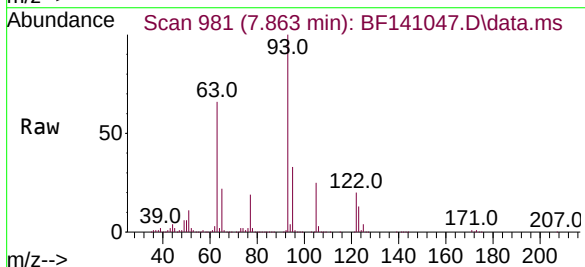
Delta R.T. -0.000 min

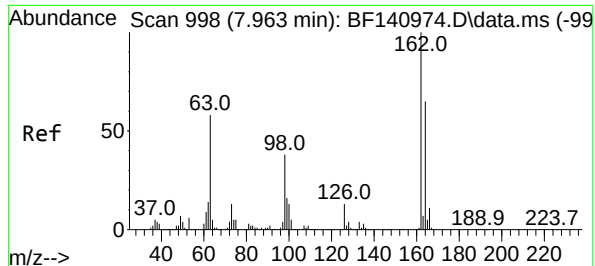
Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Tgt Ion: 93 Resp: 836421

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.8	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 40.235 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

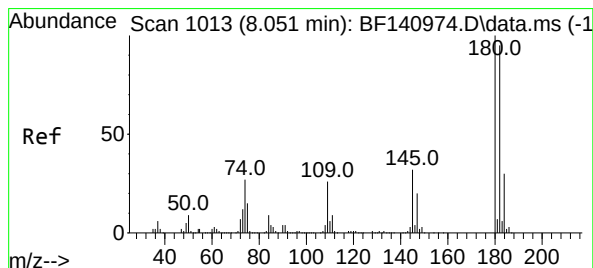
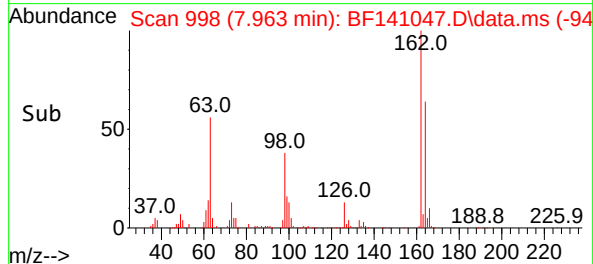
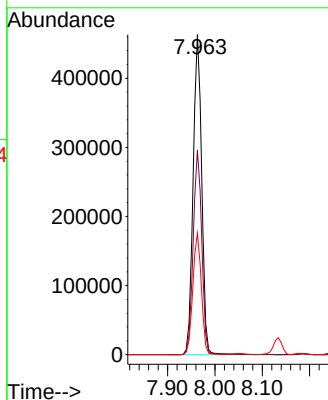
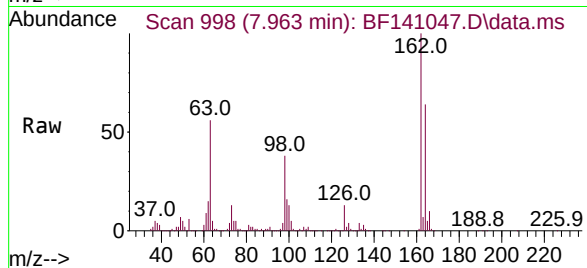
Tgt Ion:162 Resp: 584727

Ion Ratio Lower Upper

162 100

164 63.9 44.8 84.8

98 37.9 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.347 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

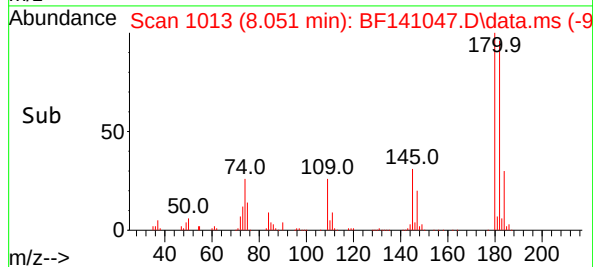
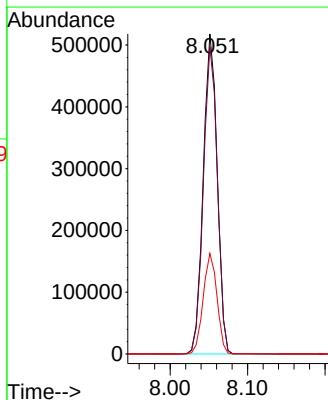
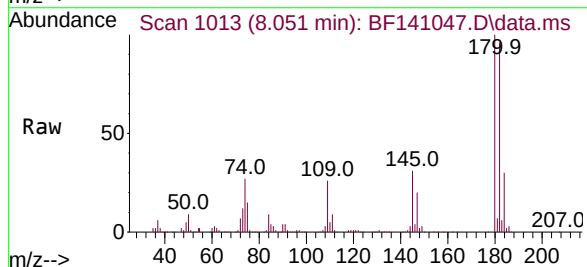
Tgt Ion:180 Resp: 647207

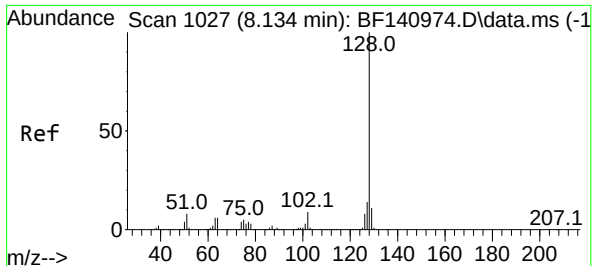
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

145 31.4 25.4 38.2

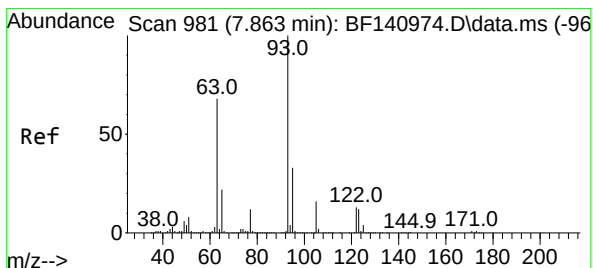
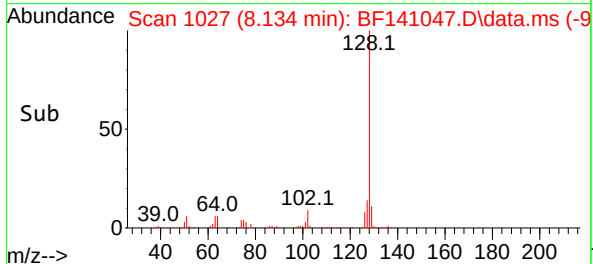
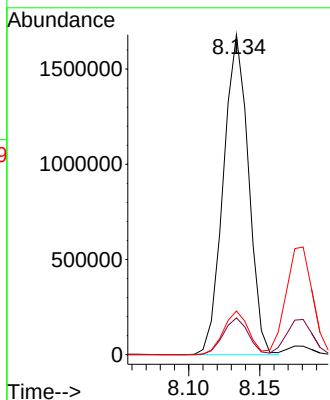
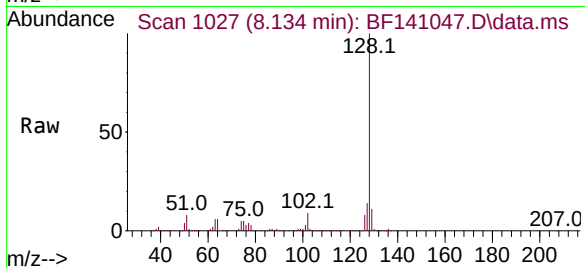




#31
Naphthalene
Concen: 38.067 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

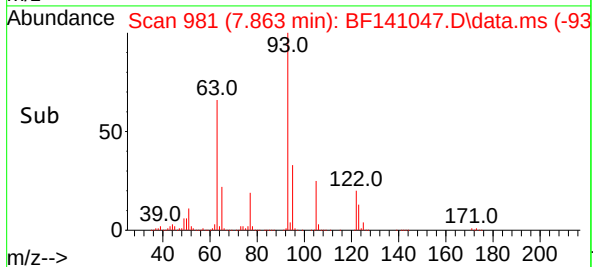
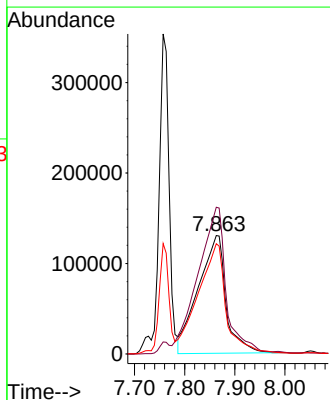
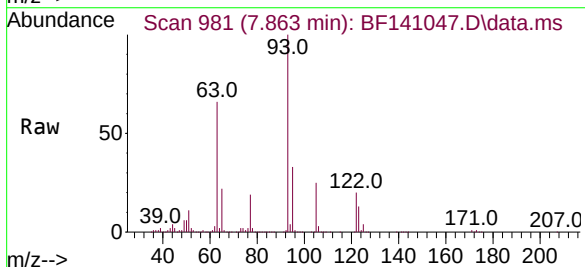
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

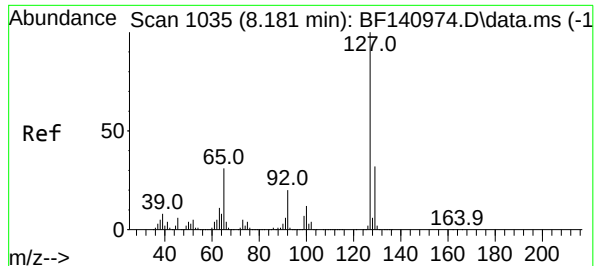
Tgt Ion:128 Resp: 2067708
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 47.485 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:122 Resp: 499690
Ion Ratio Lower Upper
122 100
105 123.9 105.4 145.4
77 93.2 76.4 116.4





#33

4-Chloroaniline

Concen: 37.924 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 745241

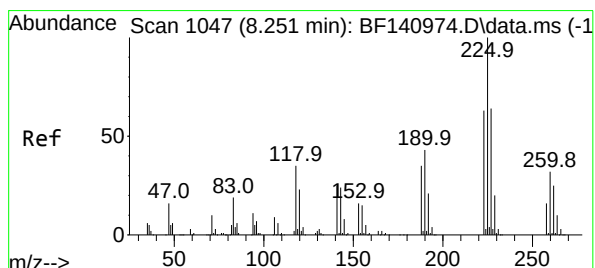
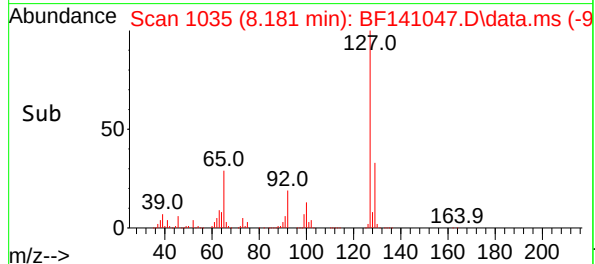
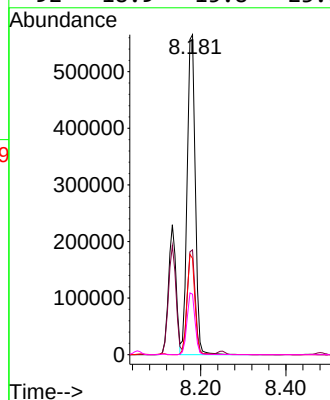
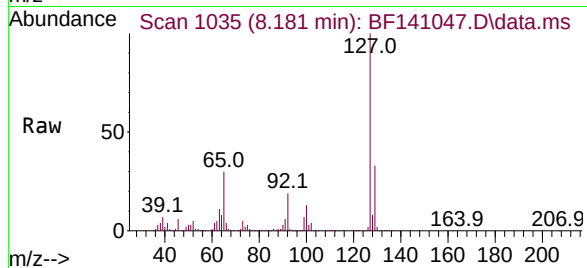
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 30.1 24.6 37.0

92 18.9 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.874 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

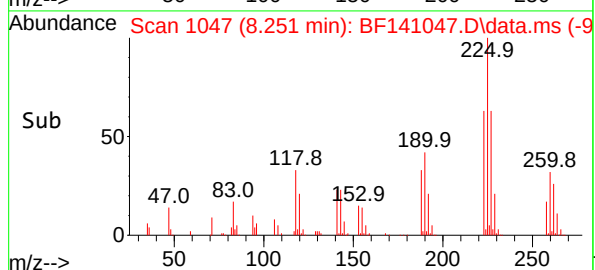
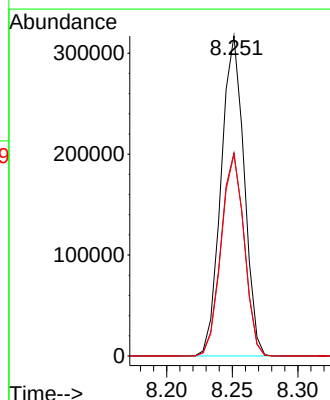
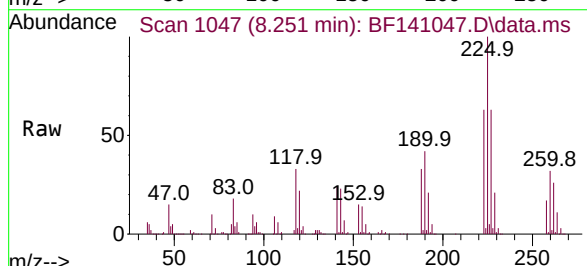
Tgt Ion:225 Resp: 386661

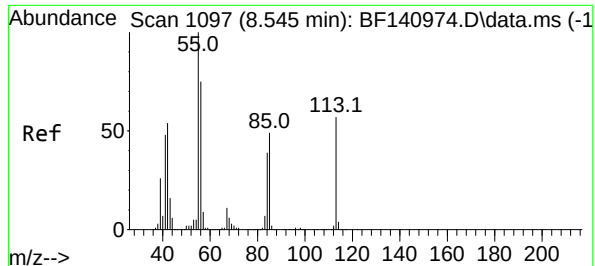
Ion Ratio Lower Upper

225 100

223 63.5 50.3 75.5

227 62.9 50.8 76.2





#35

Caprolactam

Concen: 39.082 ng

RT: 8.545 min Scan# 1097

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

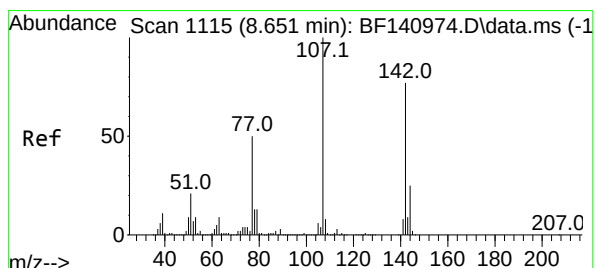
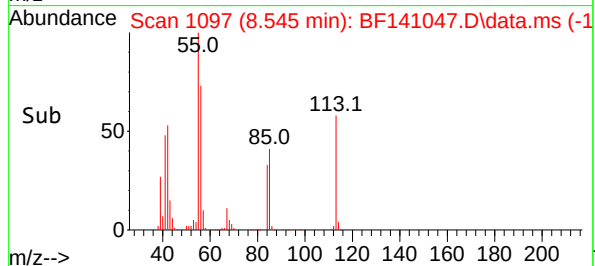
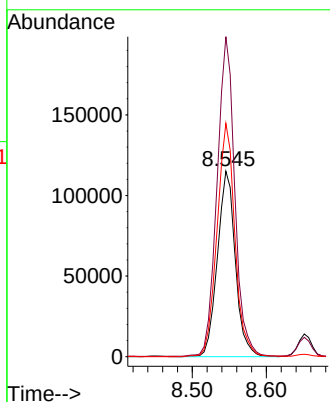
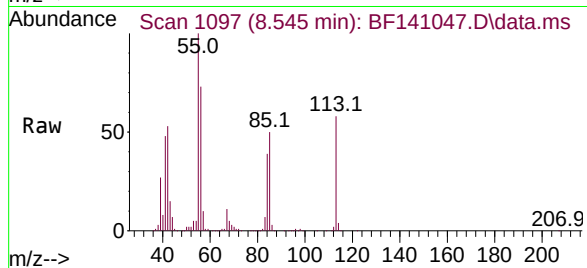
Tgt Ion:113 Resp: 193086

Ion Ratio Lower Upper

113 100

55 172.6 156.6 196.6

56 125.8 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 38.965 ng

RT: 8.651 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

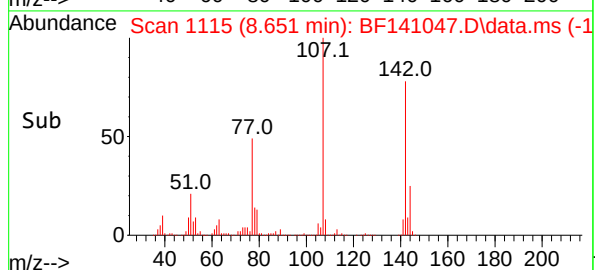
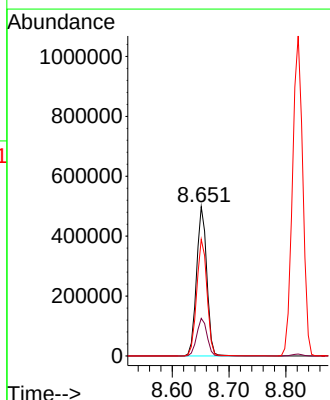
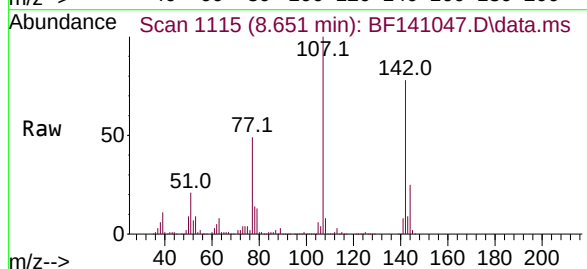
Tgt Ion:107 Resp: 628876

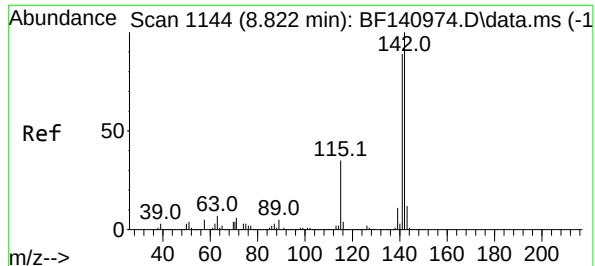
Ion Ratio Lower Upper

107 100

144 25.2 19.9 29.9

142 78.1 61.8 92.8





#37

2-Methylnaphthalene

Concen: 38.404 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

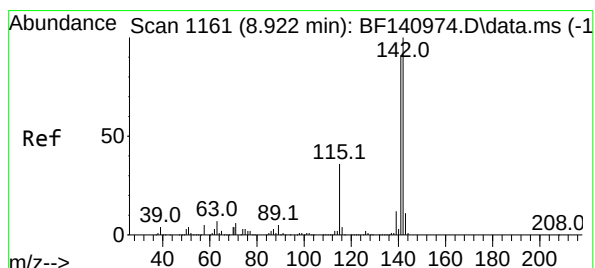
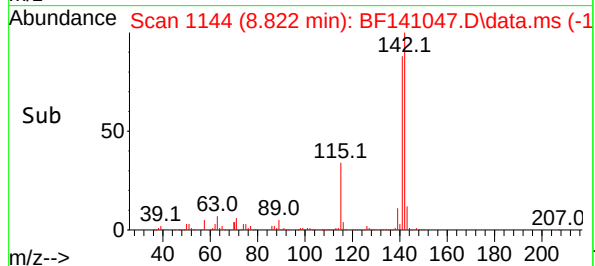
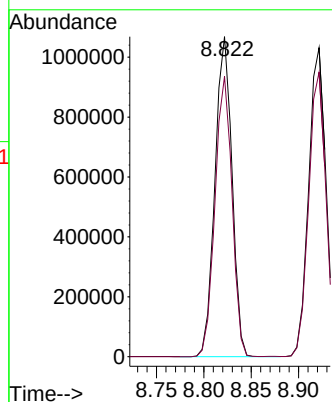
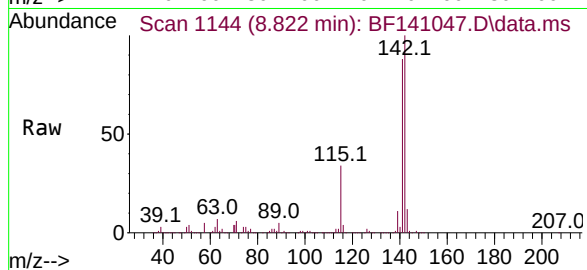
SSTDCCC040

Tgt Ion:142 Resp: 1334497

Ion Ratio Lower Upper

142 100

141 87.6 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.186 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF141047.D

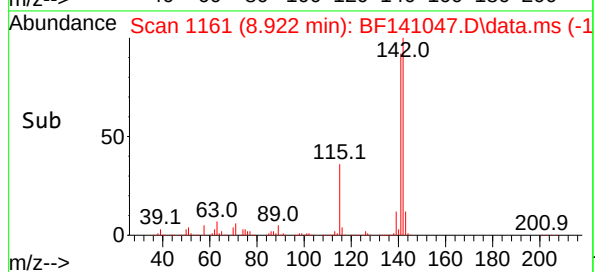
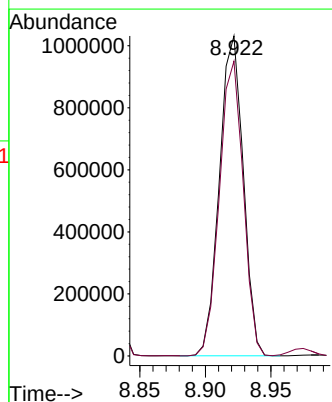
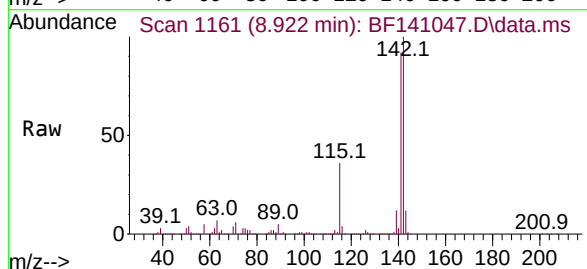
Acq: 31 Dec 2024 09:50

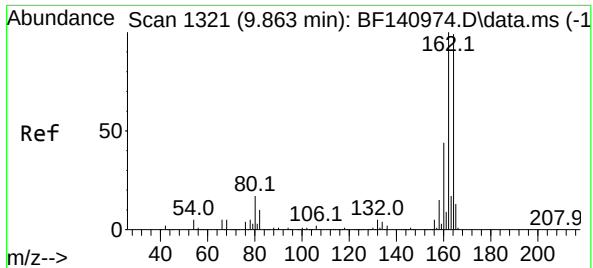
Tgt Ion:142 Resp: 1304103

Ion Ratio Lower Upper

142 100

141 92.1 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: BF141047.D

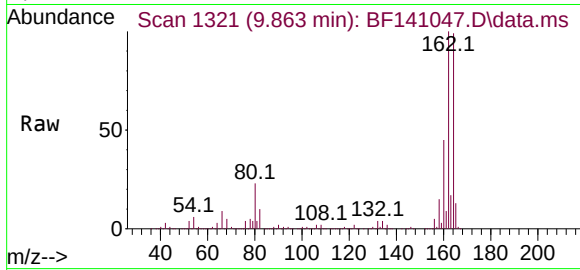
Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



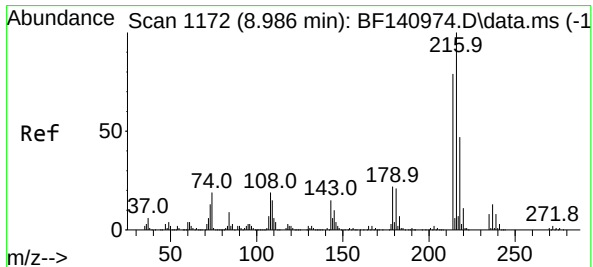
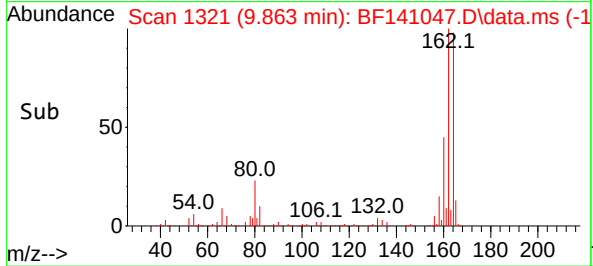
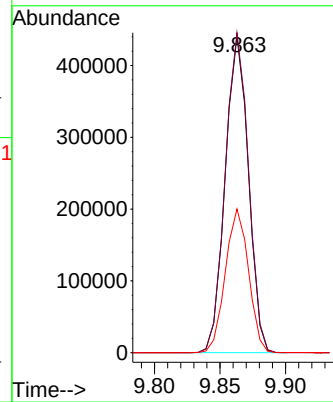
Tgt Ion:164 Resp: 541136

Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 45.5 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.370 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Tgt Ion:216 Resp: 601004

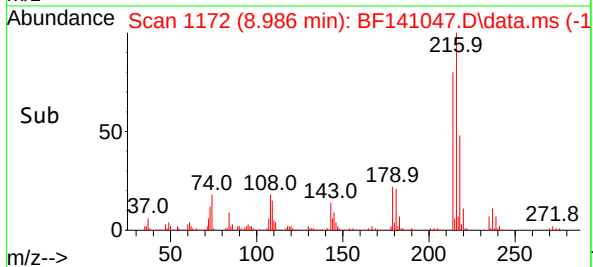
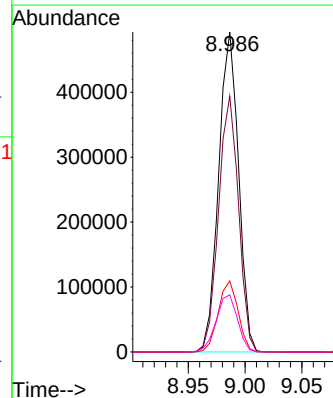
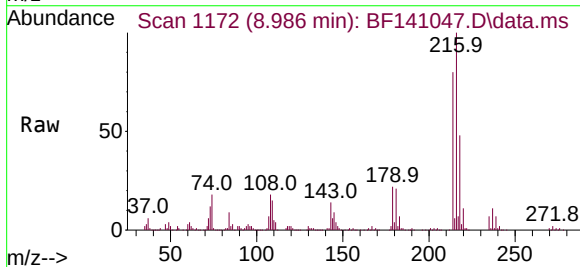
Ion Ratio Lower Upper

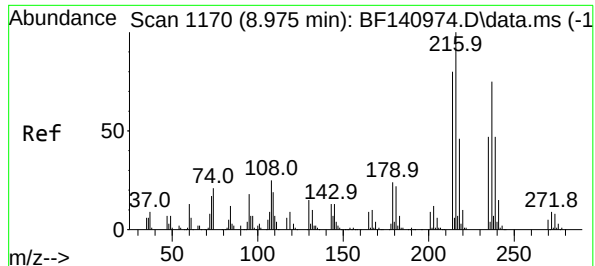
216 100

214 79.9 63.0 94.6

179 22.1 17.9 26.9

108 19.2 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 44.842 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

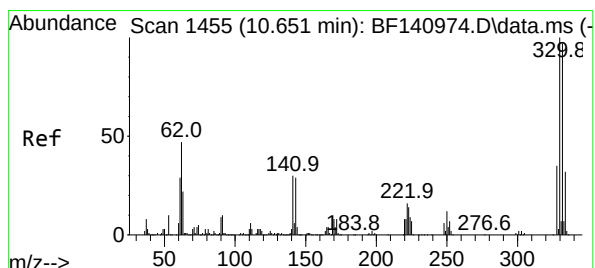
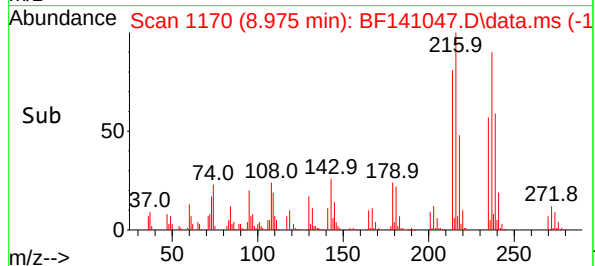
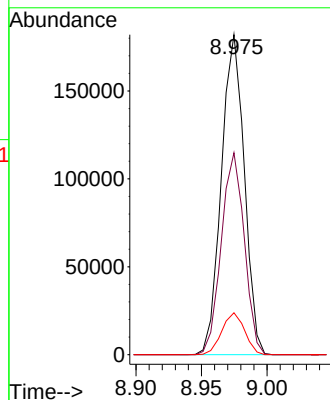
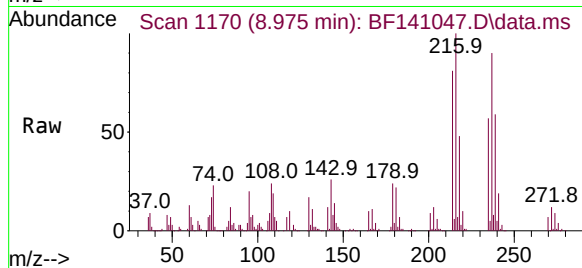
Tgt Ion:237 Resp: 221230

Ion Ratio Lower Upper

237 100

235 63.1 43.4 83.4

272 13.1 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 90.305 ng

RT: 10.651 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

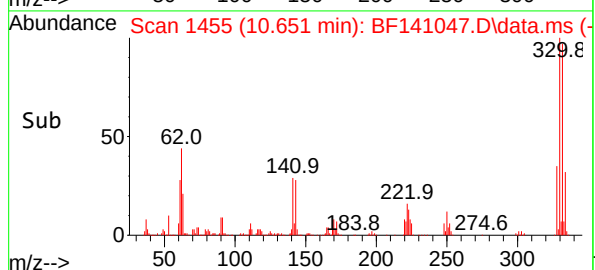
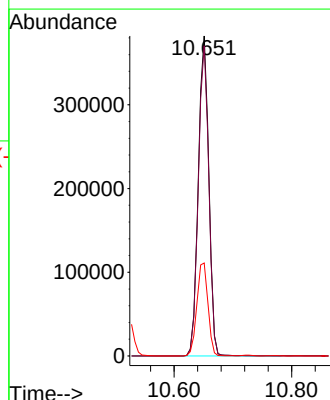
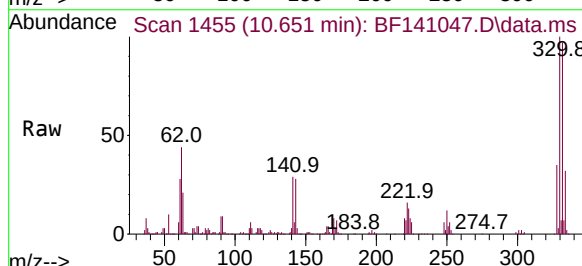
Tgt Ion:330 Resp: 474848

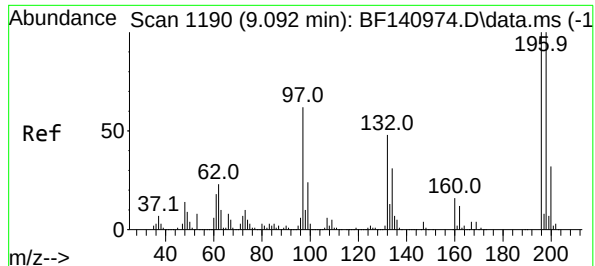
Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 30.6 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 40.900 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

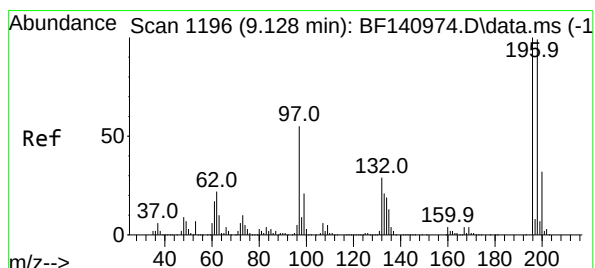
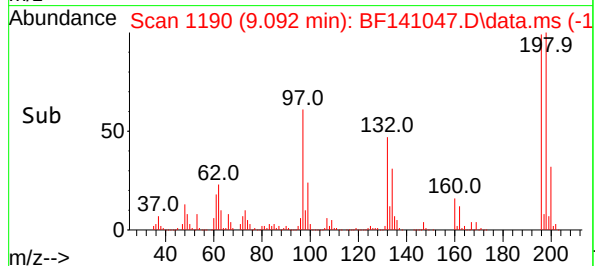
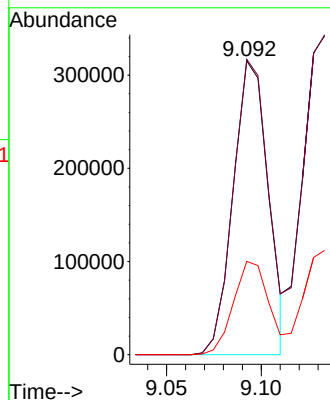
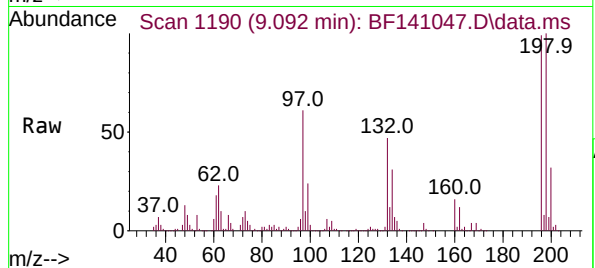
Tgt Ion:196 Resp: 405252

Ion Ratio Lower Upper

196 100

198 100.5 80.2 120.4

200 31.7 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 43.770 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Tgt Ion:196 Resp: 443739

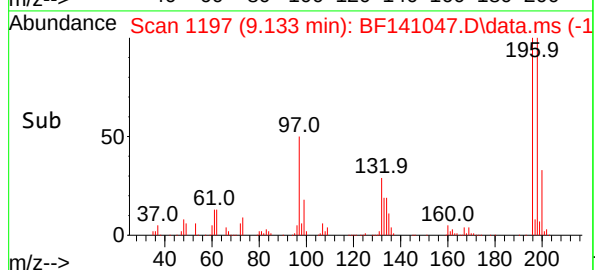
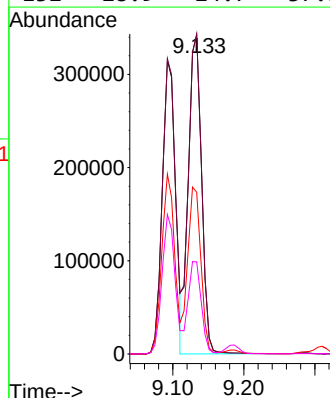
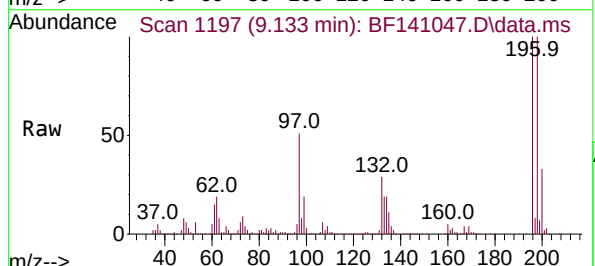
Ion Ratio Lower Upper

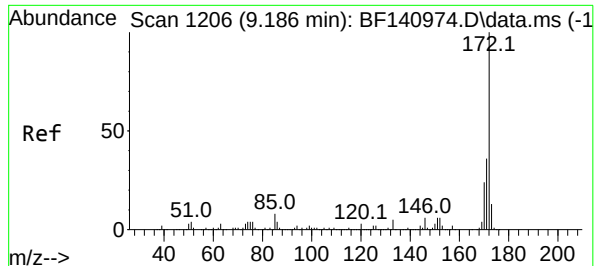
196 100

198 100.4 79.9 119.9

97 50.8 44.3 66.5

132 28.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 76.647 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

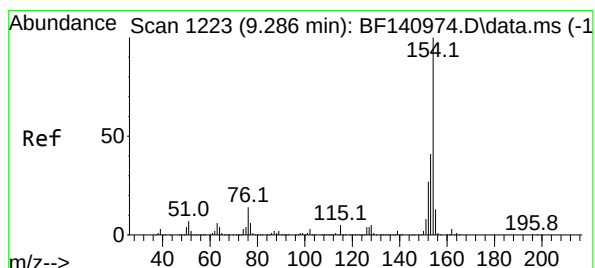
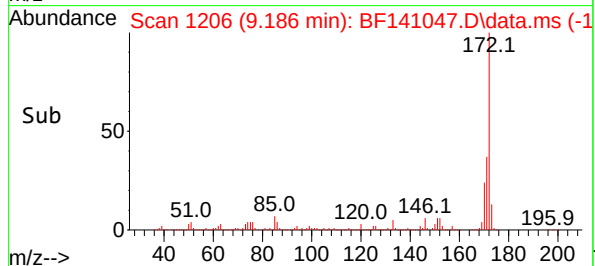
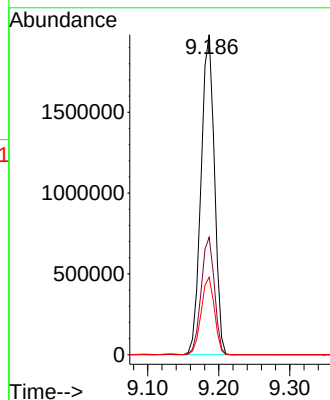
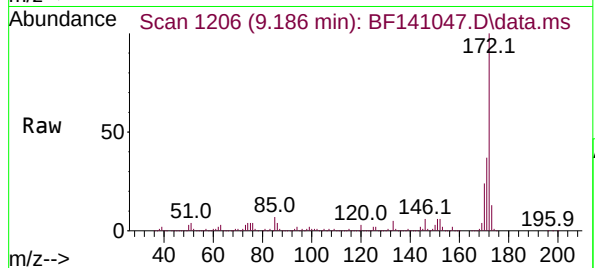
Tgt Ion:172 Resp: 2603292

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 24.2 19.6 29.4



#46

1,1'-Biphenyl

Concen: 38.996 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

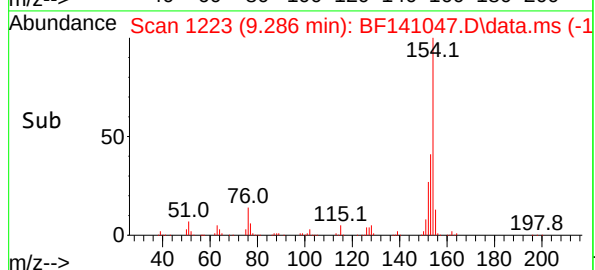
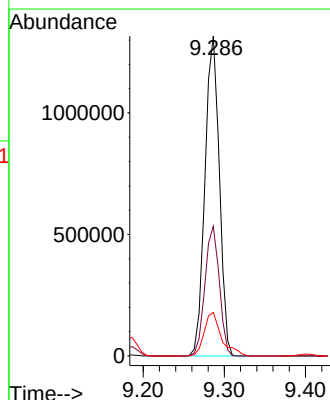
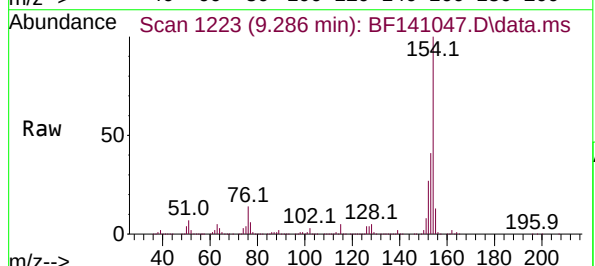
Tgt Ion:154 Resp: 1615794

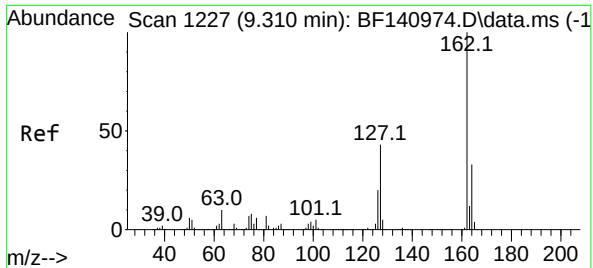
Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

76 13.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.184 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

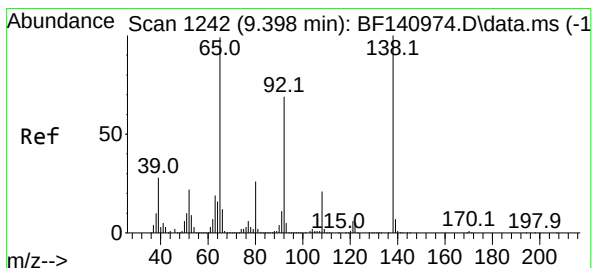
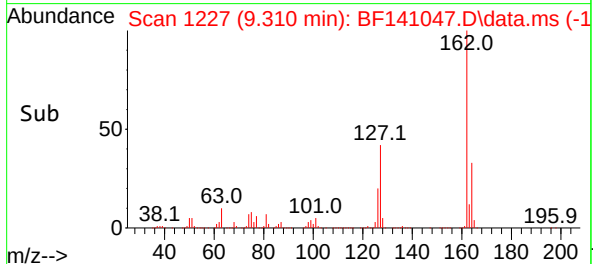
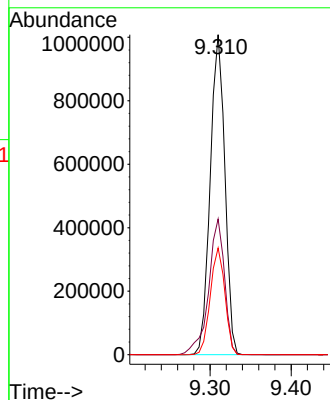
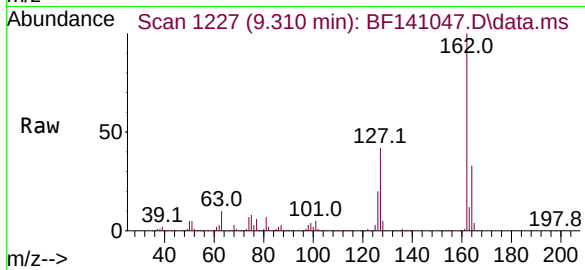
Tgt Ion:162 Resp: 1259180

Ion Ratio Lower Upper

162 100

127 42.4 34.2 51.4

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 46.103 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

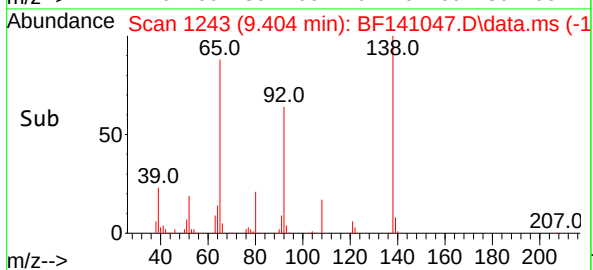
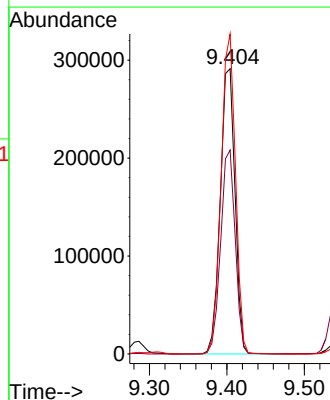
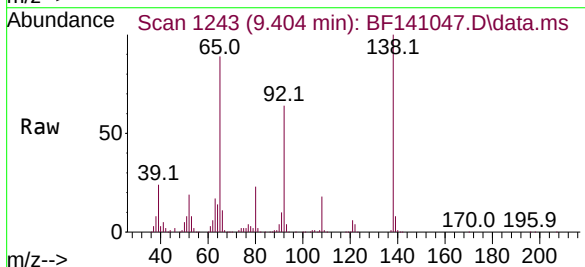
Tgt Ion: 65 Resp: 385872

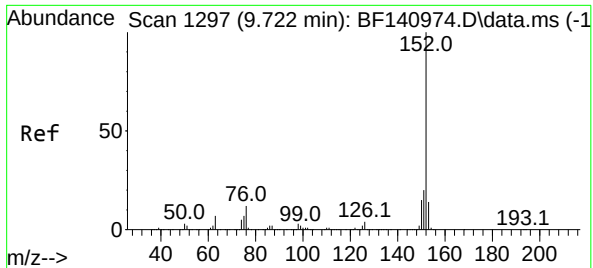
Ion Ratio Lower Upper

65 100

92 71.5 55.6 83.4

138 112.2 80.5 120.7

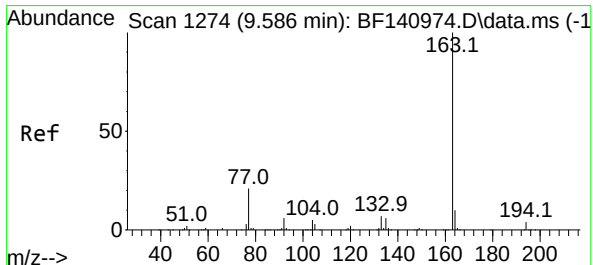
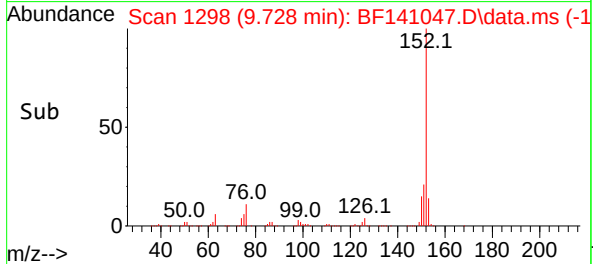
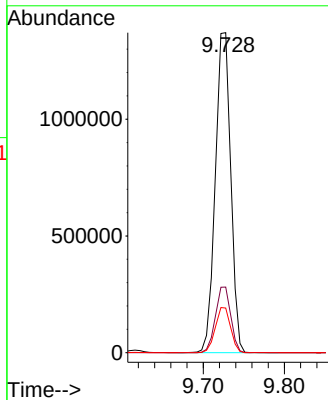
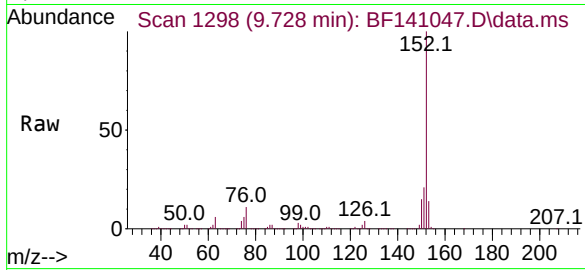




#49
Acenaphthylene
Concen: 39.203 ng
RT: 9.728 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

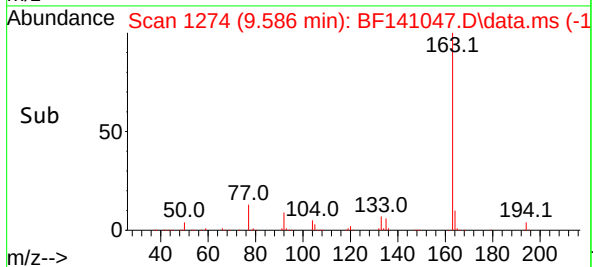
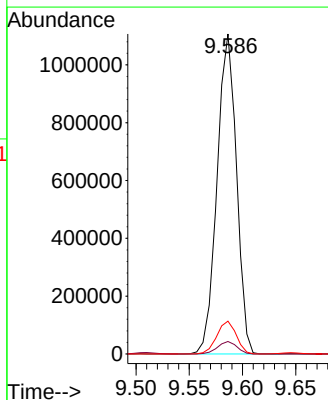
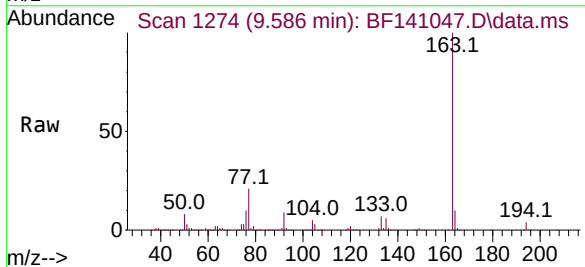
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

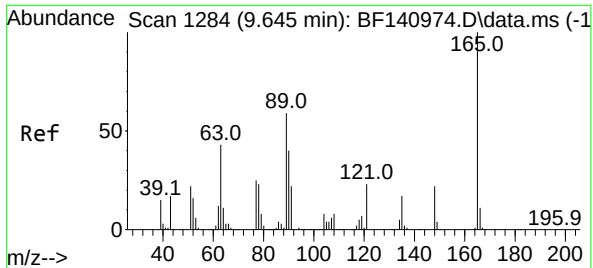
Tgt Ion:152 Resp: 1813534
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.9 11.4 17.0



#50
Dimethylphthalate
Concen: 39.405 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:163 Resp: 1402578
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: 46.104 ng

RT: 9.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

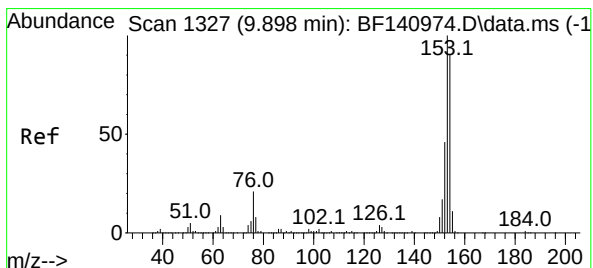
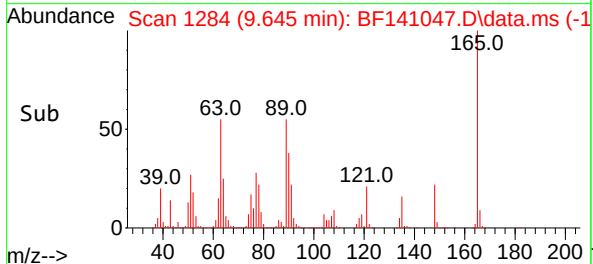
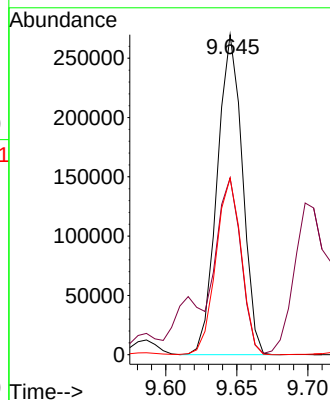
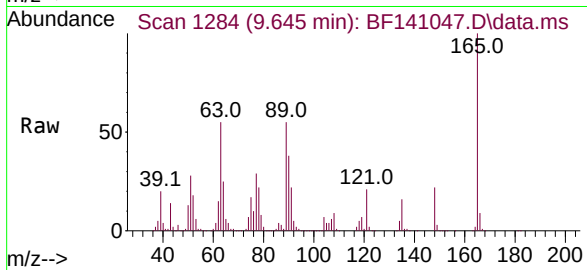
Tgt Ion:165 Resp: 333533

Ion Ratio Lower Upper

165 100

63 55.2 47.1 70.7

89 55.2 47.0 70.4



#52

Acenaphthene

Concen: 40.520 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

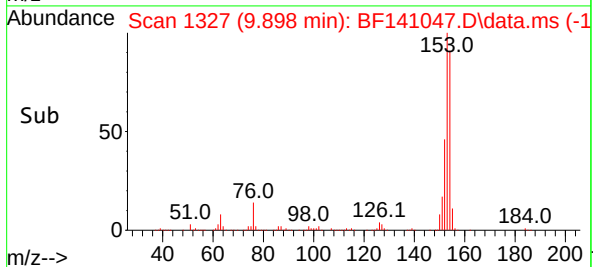
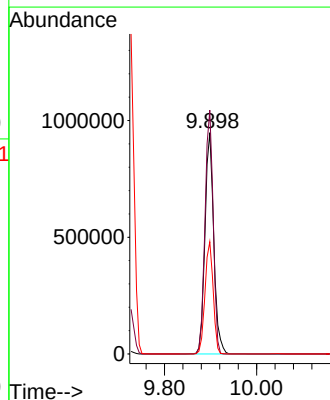
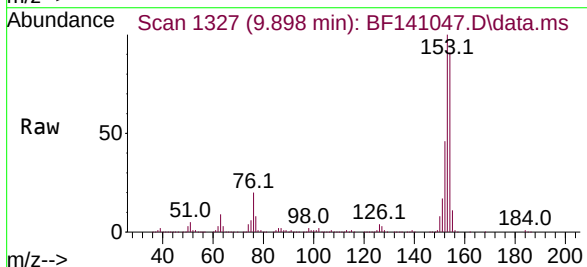
Tgt Ion:154 Resp: 1267239

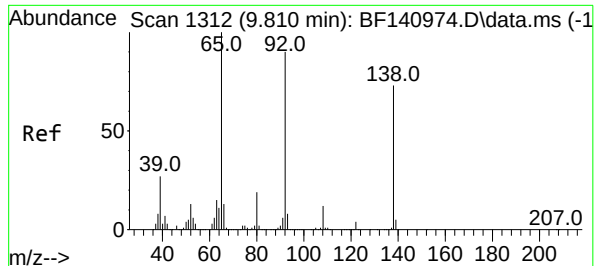
Ion Ratio Lower Upper

154 100

153 110.2 89.2 133.8

152 50.7 40.9 61.3





#53

3-Nitroaniline

Concen: 44.551 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

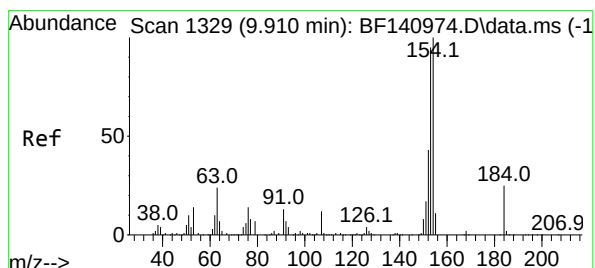
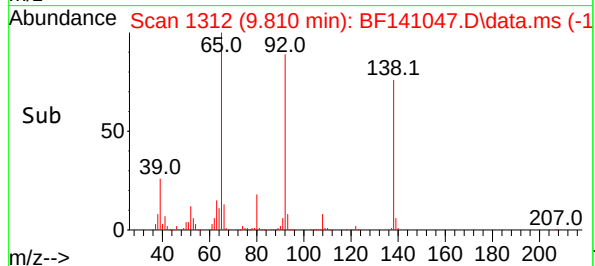
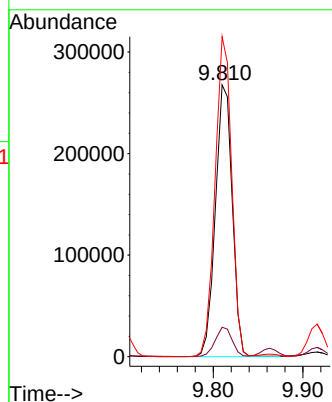
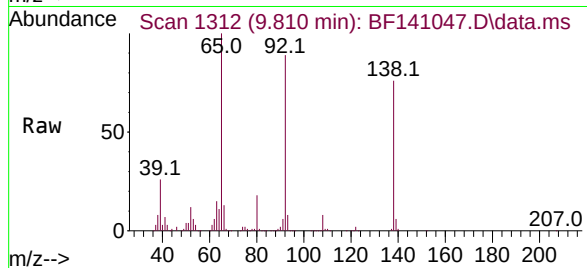
Tgt Ion:138 Resp: 349707

Ion Ratio Lower Upper

138 100

108 10.8 13.5 20.3#

92 117.7 97.7 146.5



#54

2,4-Dinitrophenol

Concen: 61.568 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

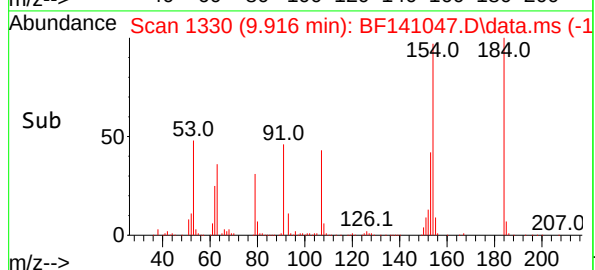
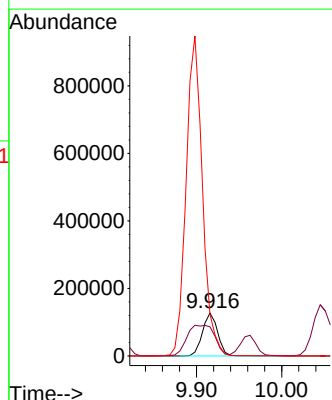
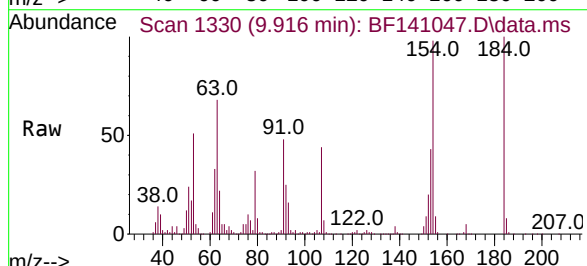
Tgt Ion:184 Resp: 156863

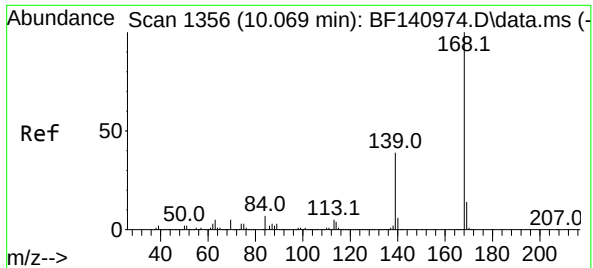
Ion Ratio Lower Upper

184 100

63 68.2 81.6 122.4#

154 97.5 363.5 545.3#





#55

Dibenzenofuran

Concen: 38.783 ng

RT: 10.069 min Scan# 1356

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

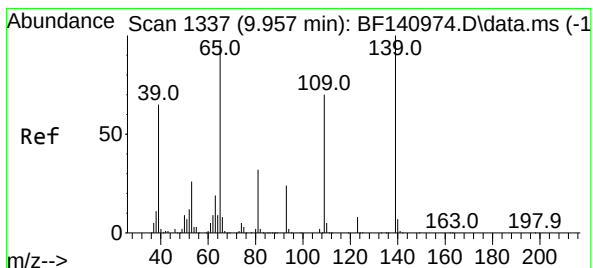
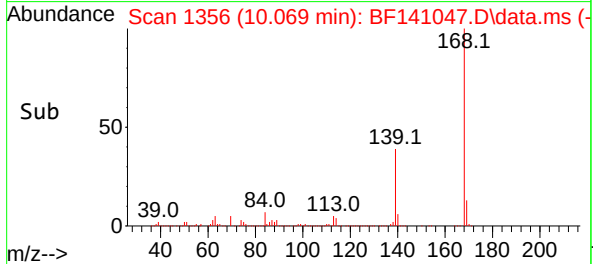
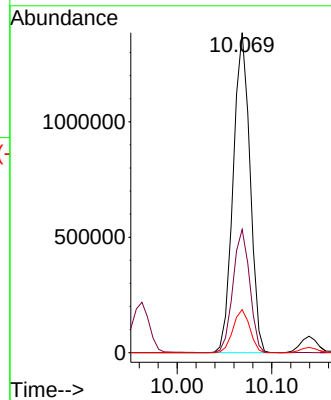
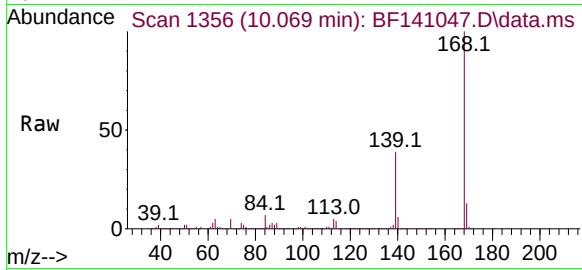
Tgt Ion:168 Resp: 1704562

Ion Ratio Lower Upper

168 100

139 38.5 31.6 47.4

169 13.5 11.0 16.6



#56

4-Nitrophenol

Concen: 46.391 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

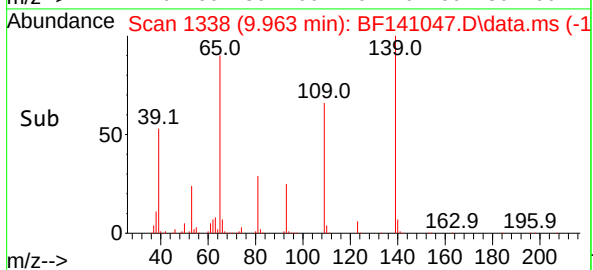
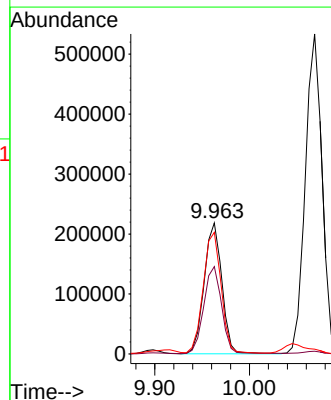
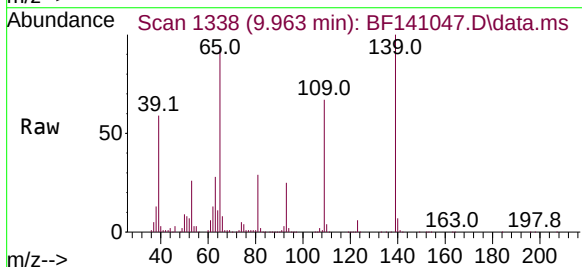
Tgt Ion:139 Resp: 282460

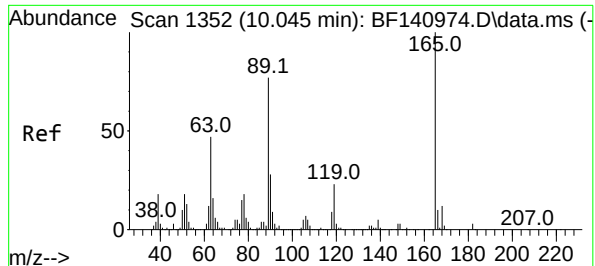
Ion Ratio Lower Upper

139 100

109 66.7 50.8 90.8

65 92.7 78.5 118.5





#57

2,4-Dinitrotoluene

Concen: 49.100 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 437151

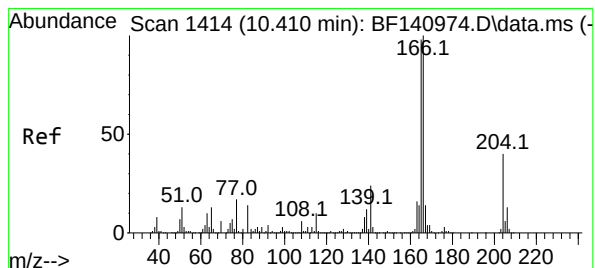
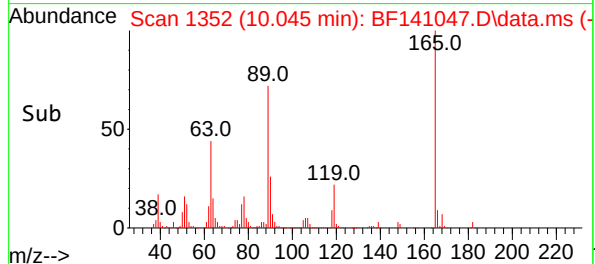
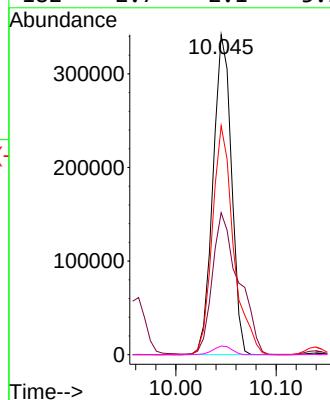
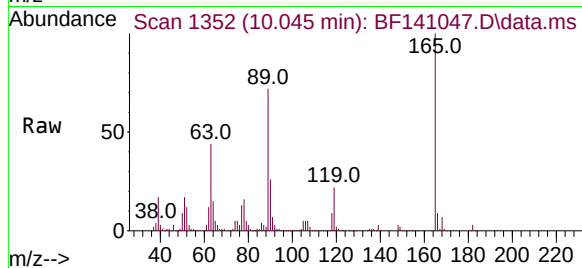
Ion Ratio Lower Upper

165 100

63 44.3 38.1 57.1

89 71.6 61.4 92.2

182 2.7 2.1 3.1



#58

Fluorene

Concen: 38.381 ng

RT: 10.410 min Scan# 1414

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

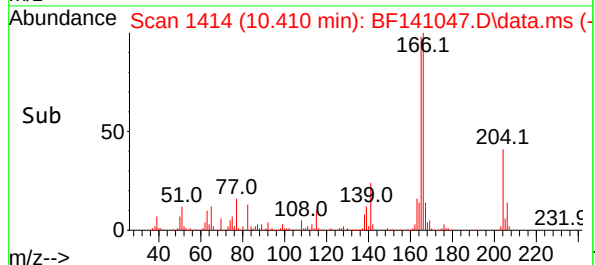
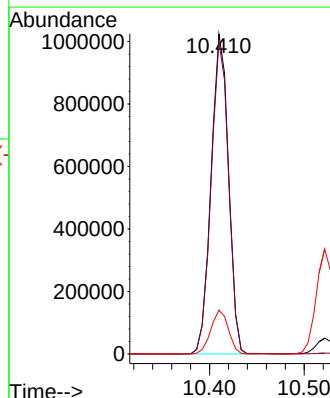
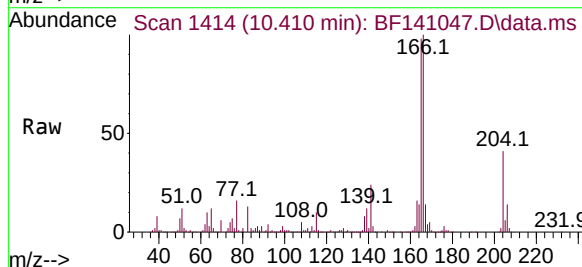
Tgt Ion:166 Resp: 1308111

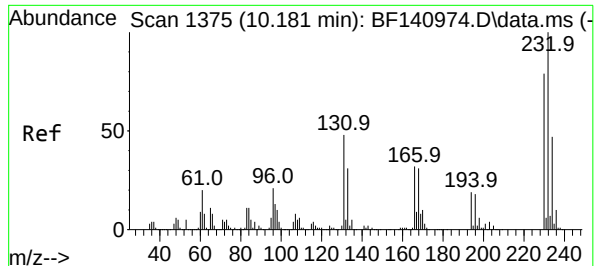
Ion Ratio Lower Upper

166 100

165 97.5 78.3 117.5

167 13.7 10.9 16.3

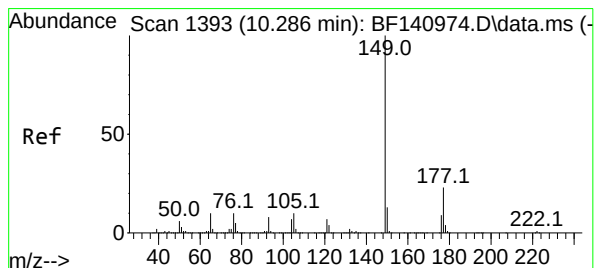
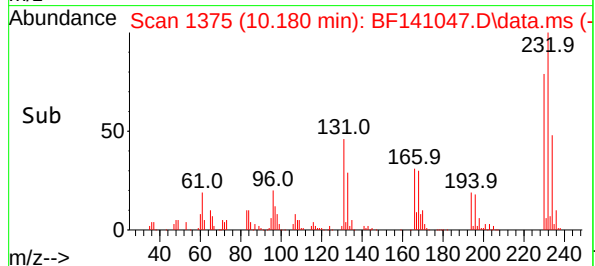
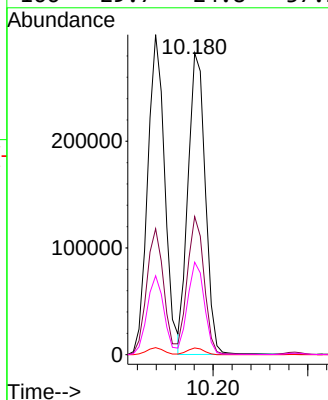
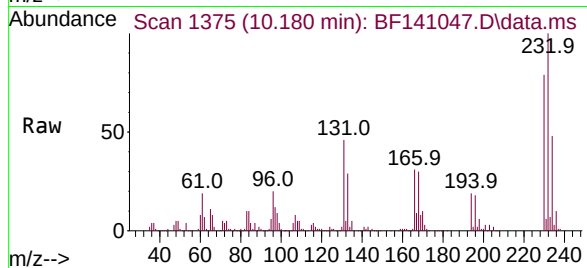




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.528 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

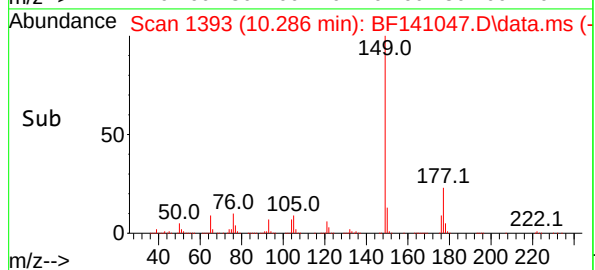
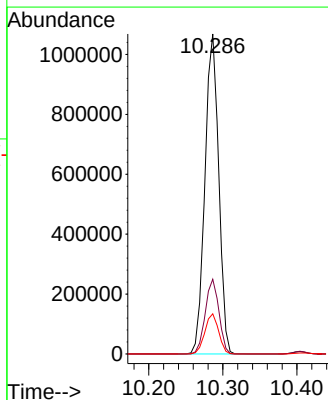
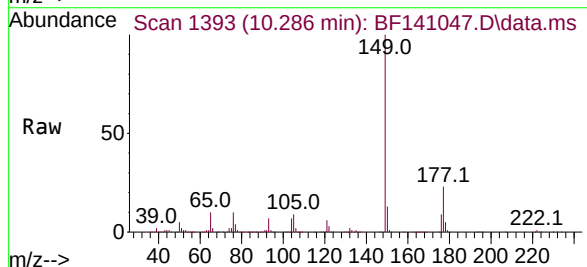
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

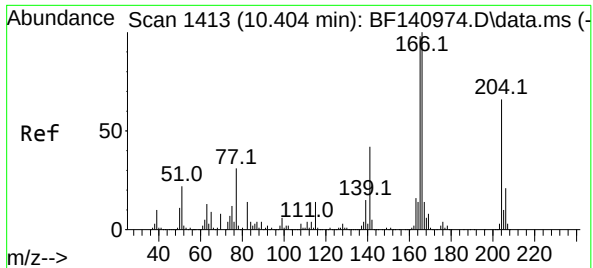
Tgt Ion:232 Resp: 357083
Ion Ratio Lower Upper
232 100
131 45.1 37.4 56.2
130 2.2 1.8 2.8
166 29.7 24.8 37.2



#60
Diethylphthalate
Concen: 39.252 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:149 Resp: 1379308
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.6 10.4 15.6

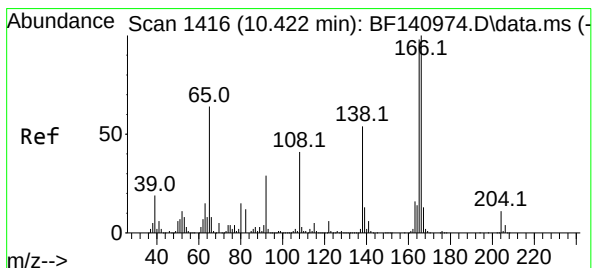
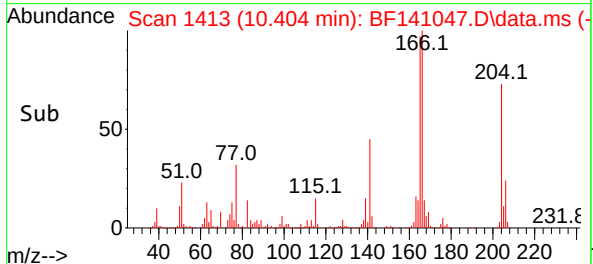
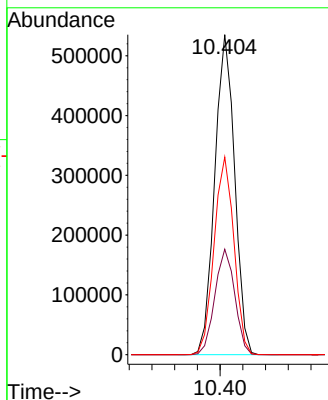
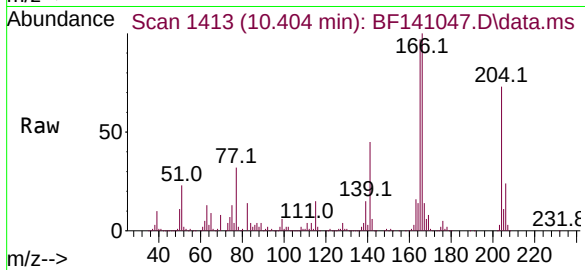




#61
4-Chlorophenyl-phenylether
Concen: 39.712 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

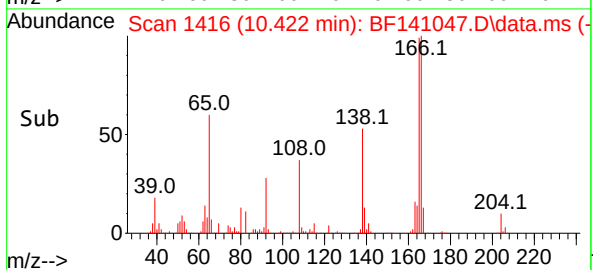
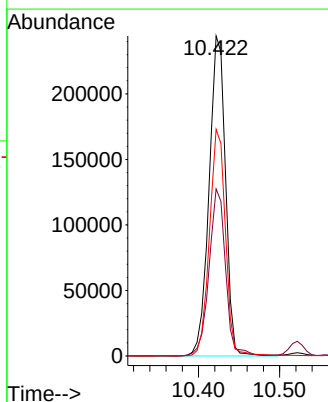
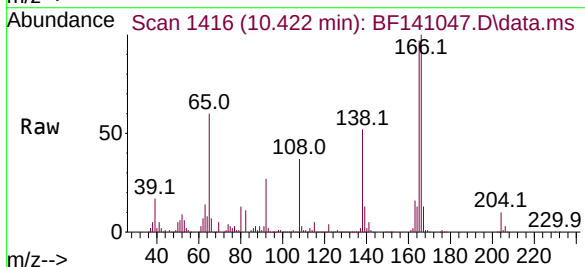
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

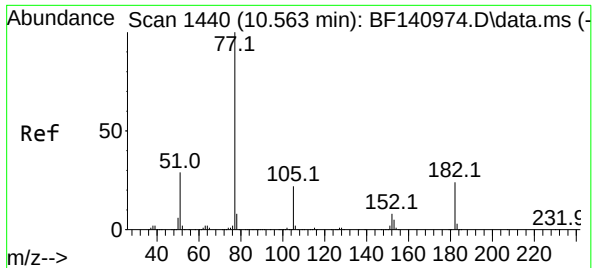
Tgt Ion:204 Resp: 651251
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 61.7 51.2 76.8



#62
4-Nitroaniline
Concen: 43.755 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:138 Resp: 342558
Ion Ratio Lower Upper
138 100
92 52.2 34.8 74.8
108 70.8 55.9 95.9

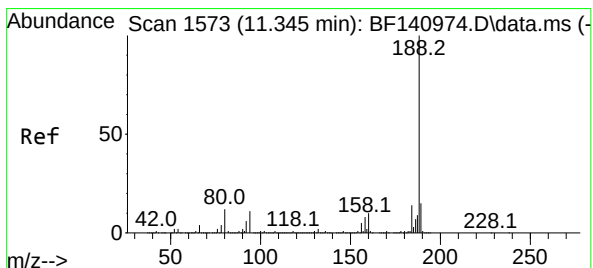
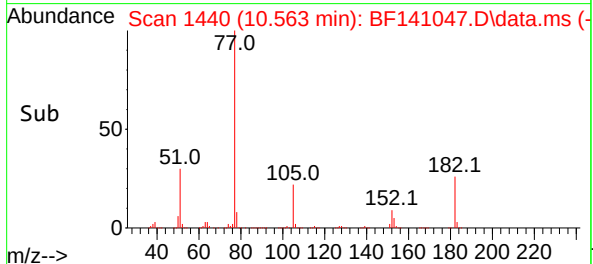
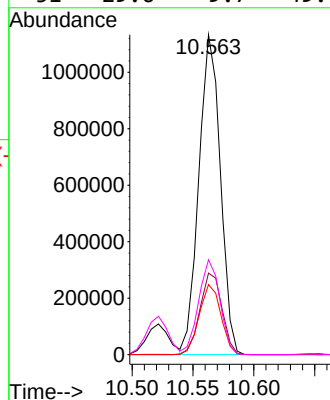
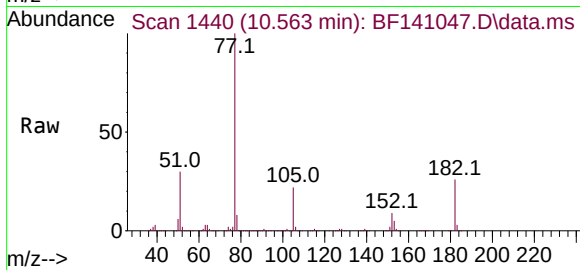




#63
Azobenzene
Concen: 37.738 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

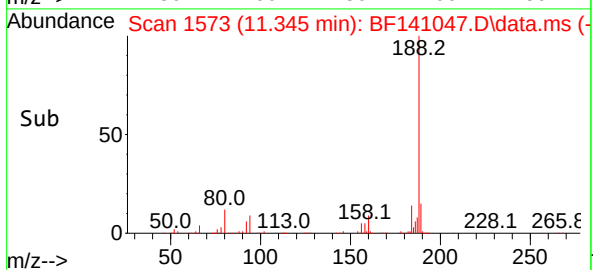
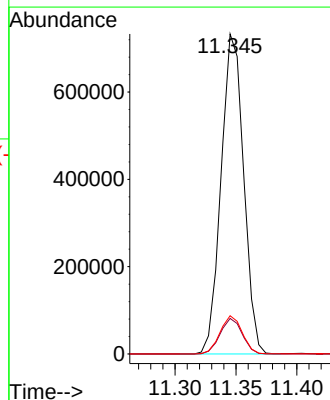
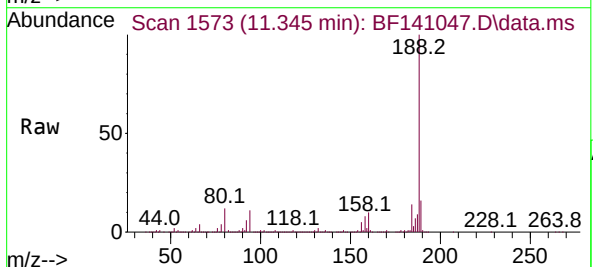
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

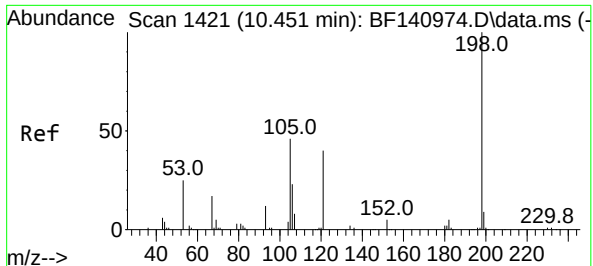
Tgt Ion: 77 Resp: 1391923
Ion Ratio Lower Upper
77 100
182 25.5 4.1 44.1
105 21.9 1.8 41.8
51 29.6 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion: 188 Resp: 944319
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 12.0 9.8 14.6

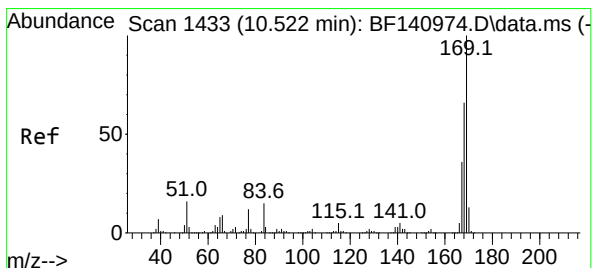
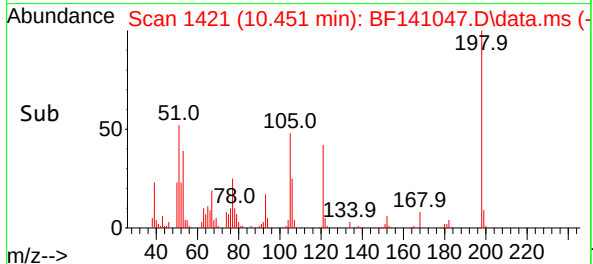
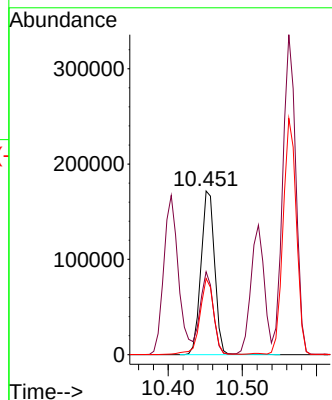
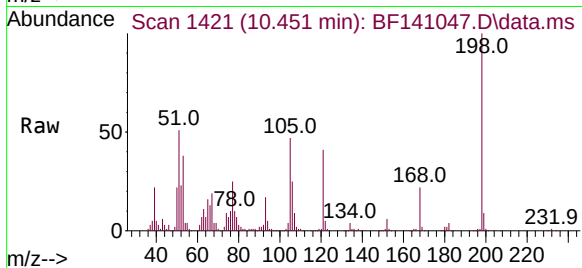




#65
4,6-Dinitro-2-methylphenol
Concen: 56.489 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

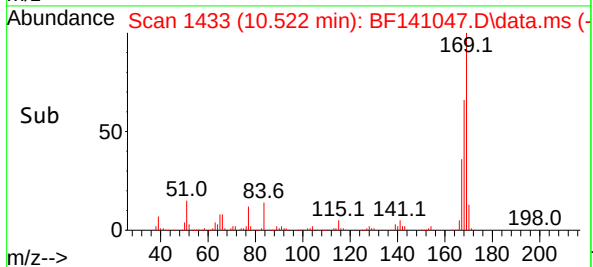
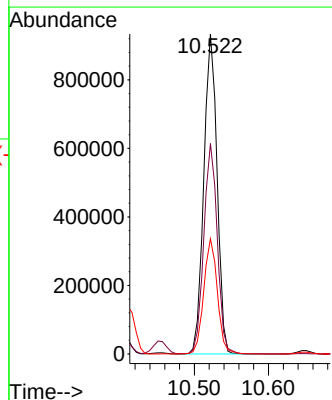
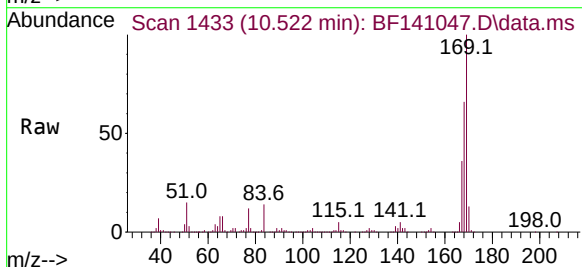
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

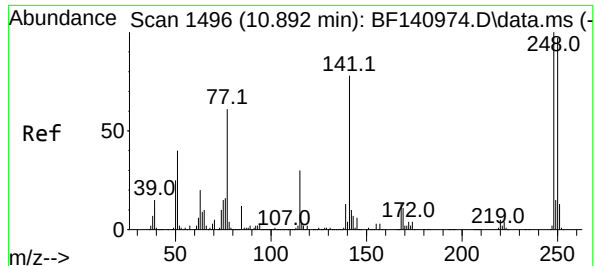
Tgt Ion:198 Resp: 220410
Ion Ratio Lower Upper
198 100
51 50.7 32.3 72.3
105 46.5 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 39.190 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:169 Resp: 1165374
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 36.0 29.0 43.4

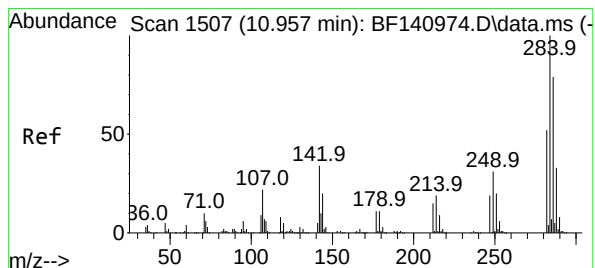
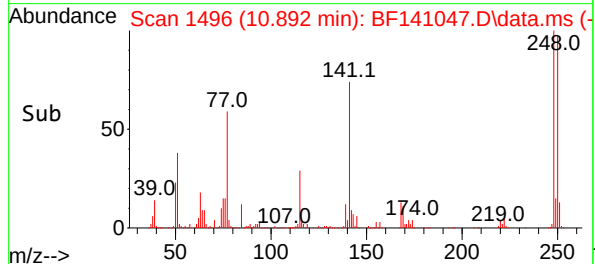
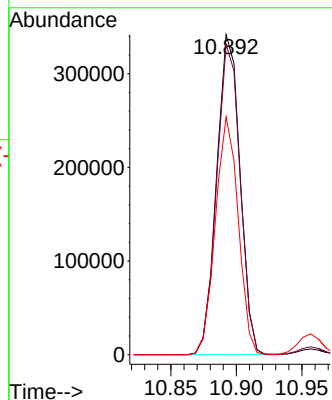
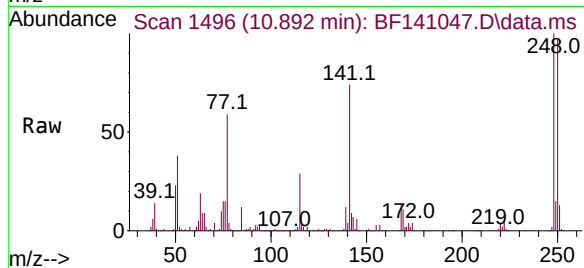




#67
4-Bromophenyl-phenylether
Concen: 41.503 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

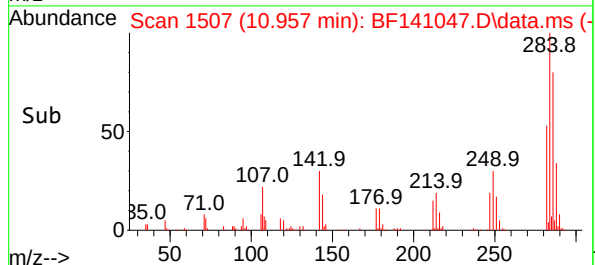
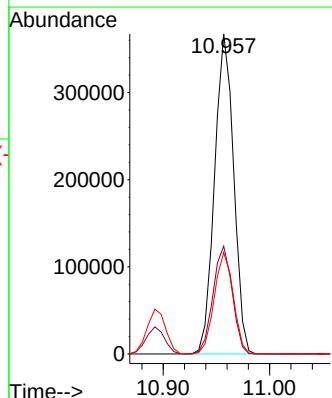
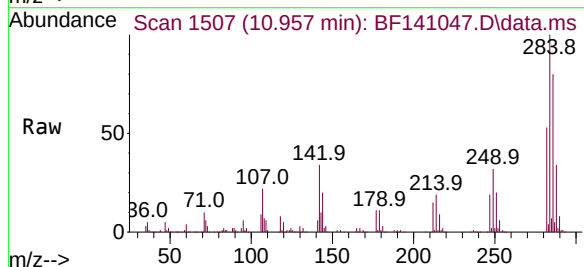
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

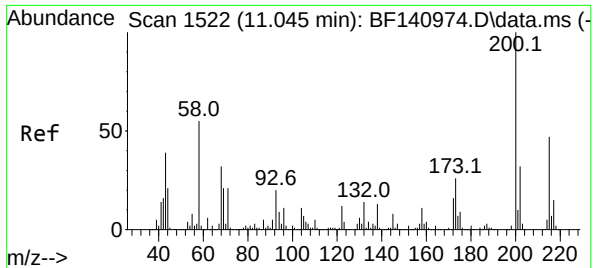
Tgt Ion:248 Resp: 423670
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 74.3 62.1 93.1



#68
Hexachlorobenzene
Concen: 40.596 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:284 Resp: 456958
Ion Ratio Lower Upper
284 100
142 33.7 27.1 40.7
249 31.7 25.1 37.7





#69

Atrazine

Concen: 32.006 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

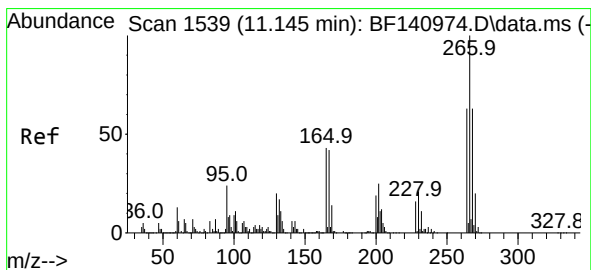
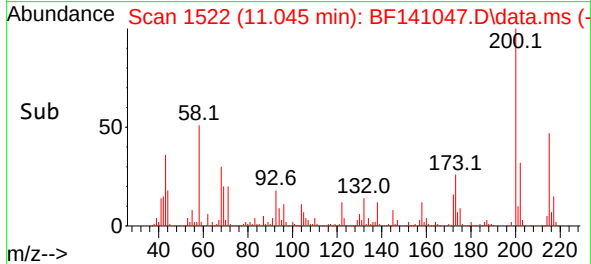
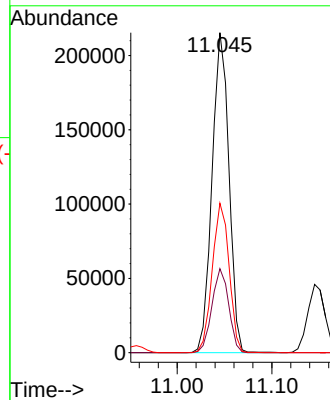
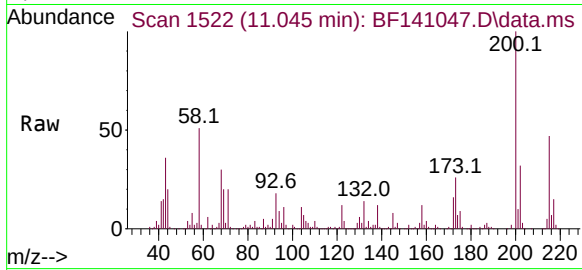
Tgt Ion:200 Resp: 265890

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 46.7 27.2 67.2



#70

Pentachlorophenol

Concen: 45.045 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

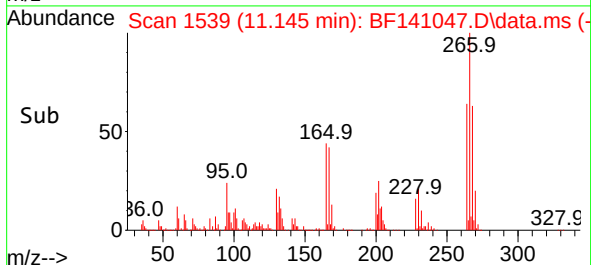
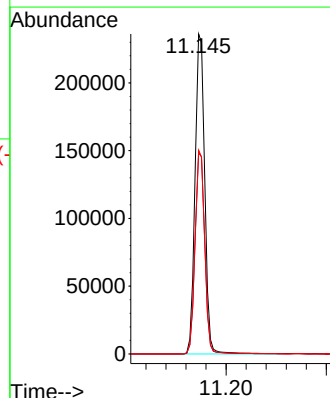
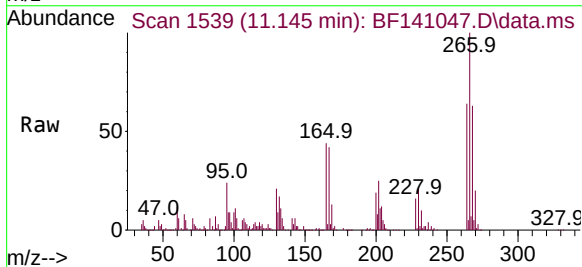
Tgt Ion:266 Resp: 315683

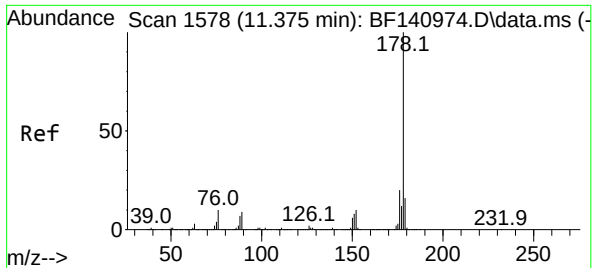
Ion Ratio Lower Upper

266 100

268 62.9 50.5 75.7

264 63.7 50.2 75.4

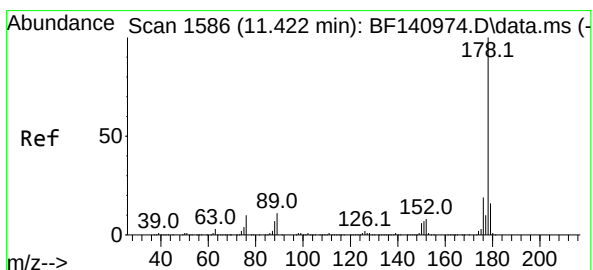
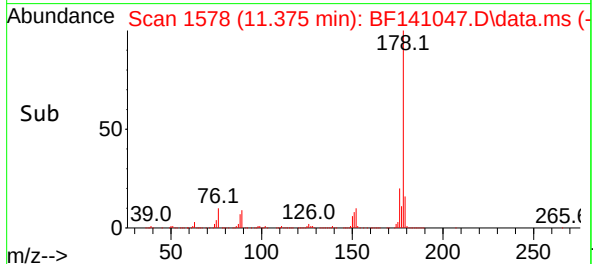
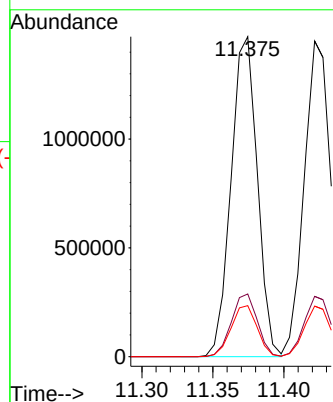
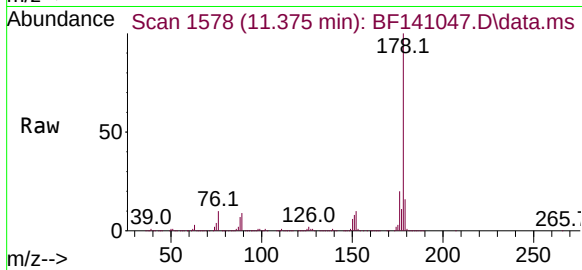




#71
Phenanthrene
Concen: 38.177 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

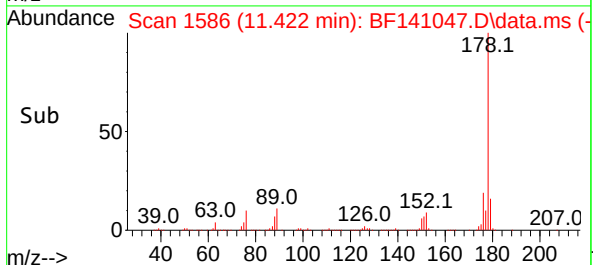
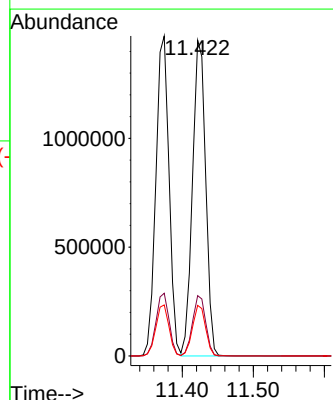
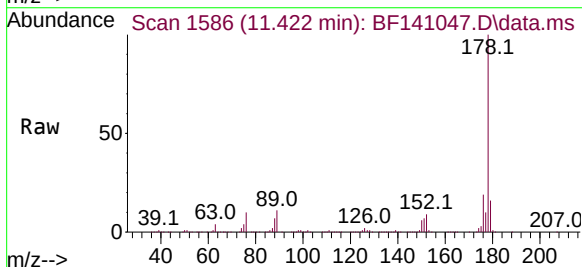
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

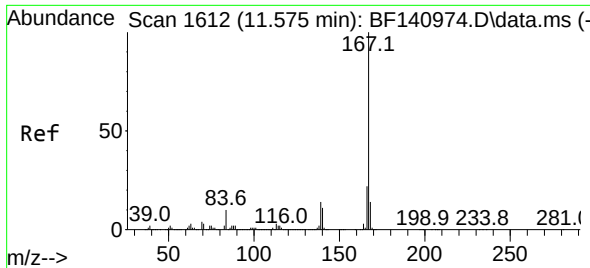
Tgt Ion:178 Resp: 1897392
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 12.6 19.0



#72
Anthracene
Concen: 38.522 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:178 Resp: 1876029
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.9 19.3

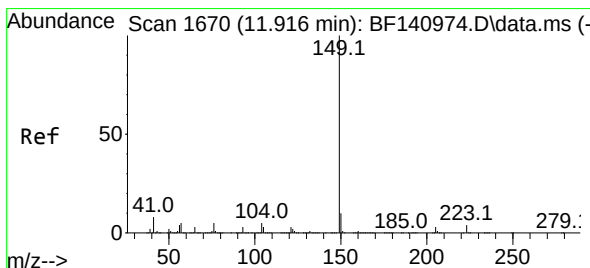
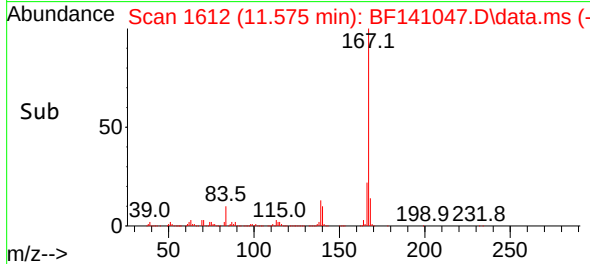
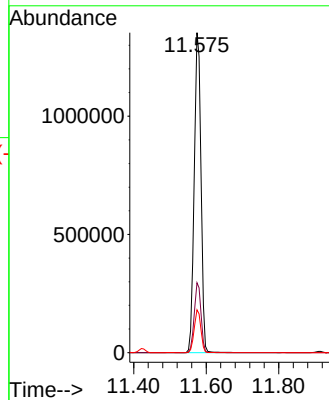
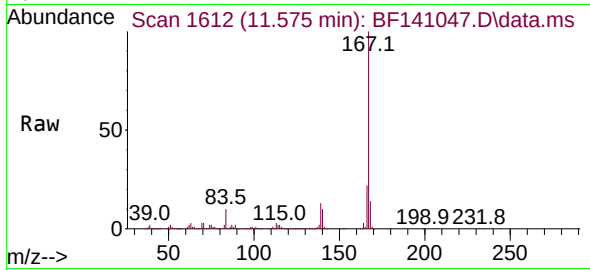




#73
Carbazole
Concen: 37.394 ng
RT: 11.575 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

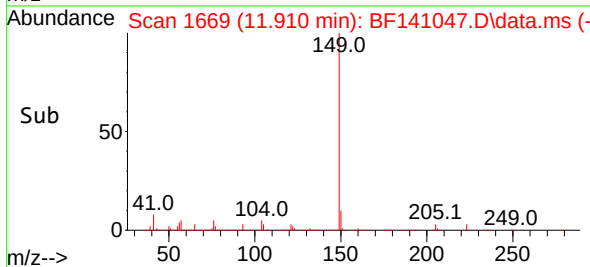
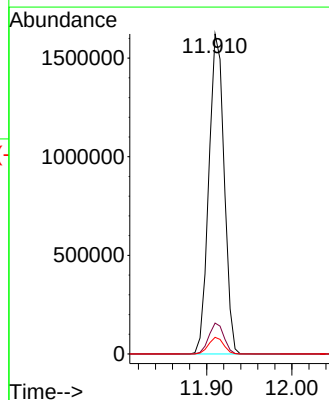
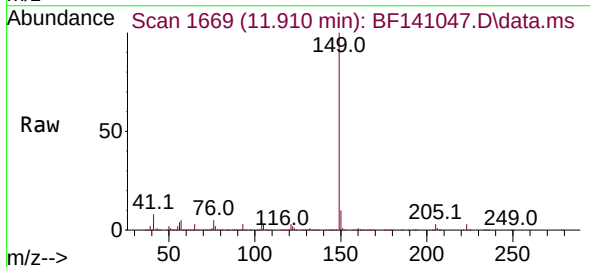
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

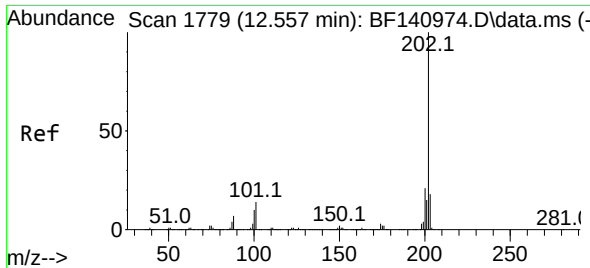
Tgt Ion:167 Resp: 1750673
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.4 11.0 16.4



#74
Di-n-butylphthalate
Concen: 38.035 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:149 Resp: 2025342
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.2 4.1 6.1

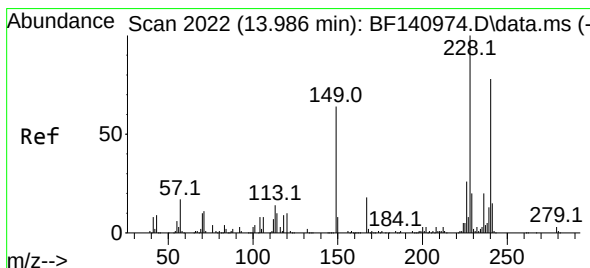
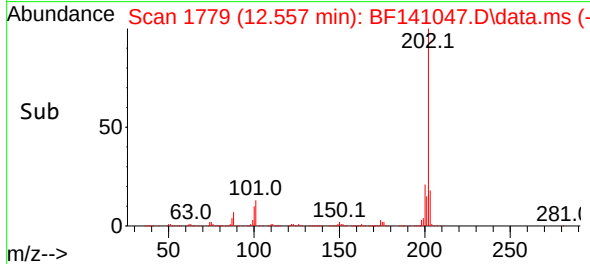
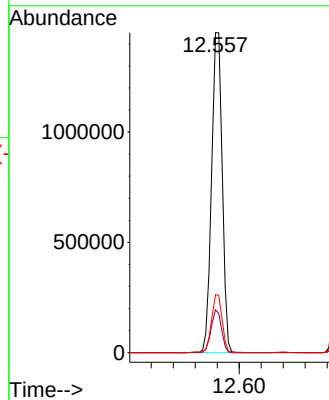
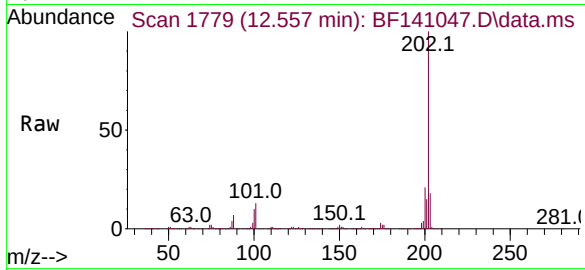




#75
Fluoranthene
Concen: 36.238 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

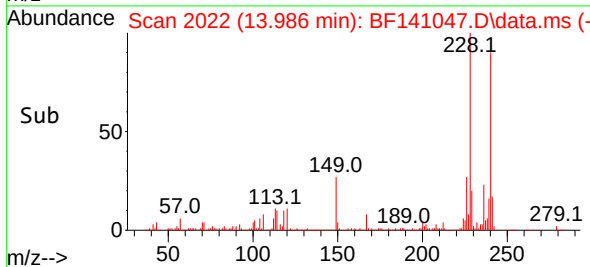
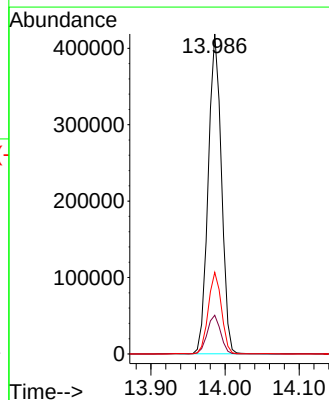
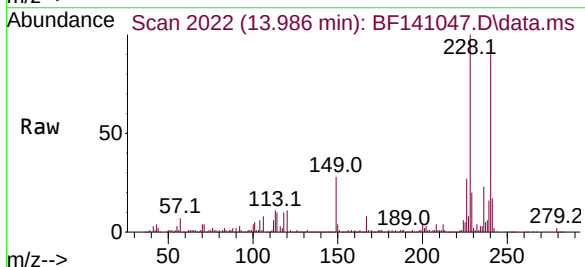
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

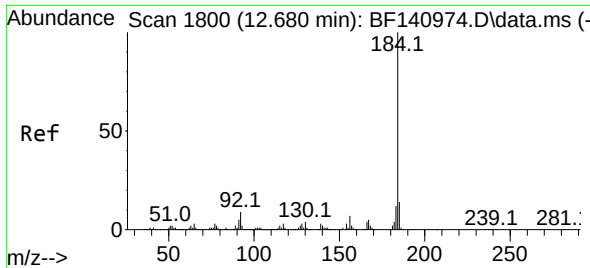
Tgt Ion:202 Resp: 1953344
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.7
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:240 Resp: 516920
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 25.5 20.6 31.0





#77

Benzidine

Concen: 44.005 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

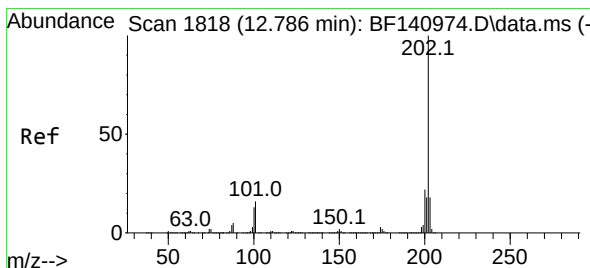
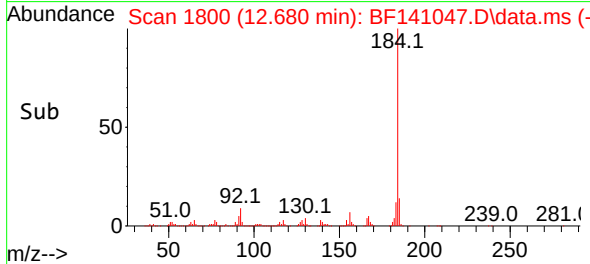
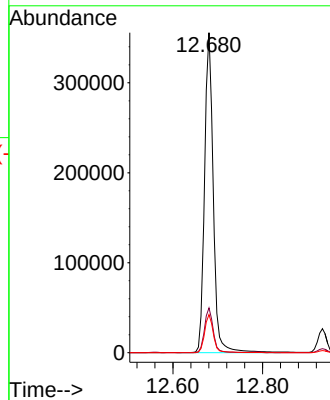
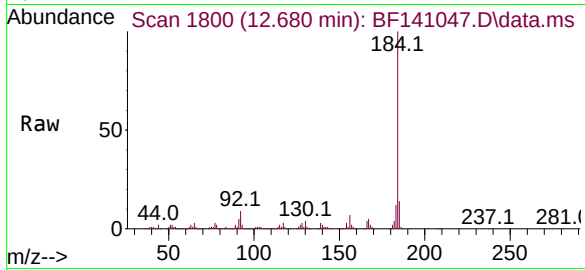
Tgt Ion:184 Resp: 480734

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.2

183 11.9 9.4 14.0



#78

Pyrene

Concen: 43.474 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

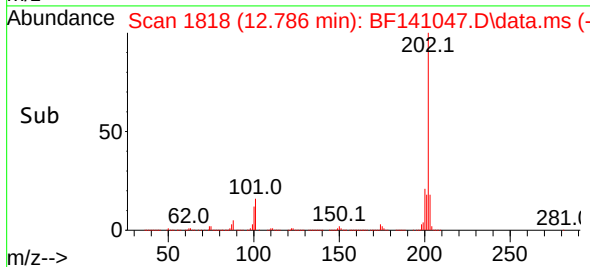
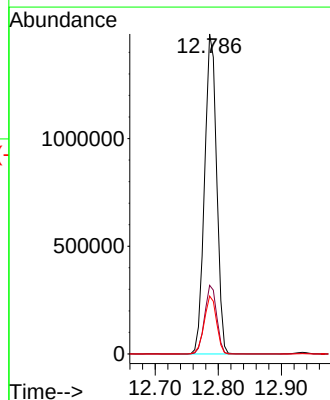
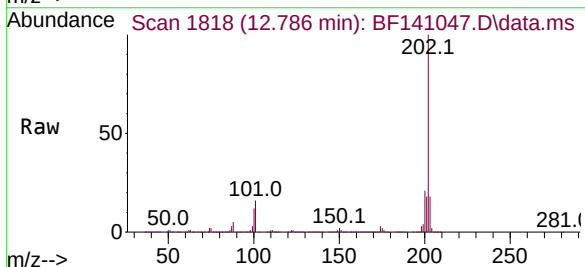
Tgt Ion:202 Resp: 1965413

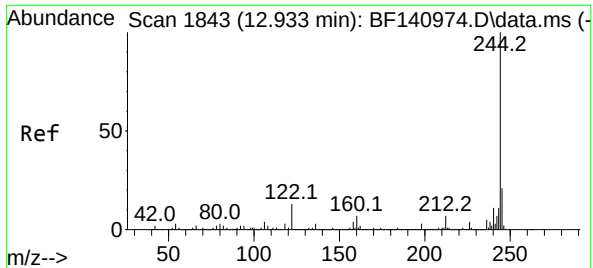
Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 87.419 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141047.D

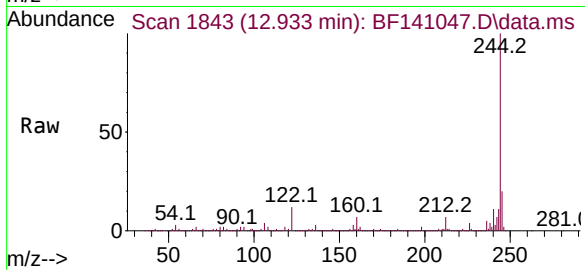
Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



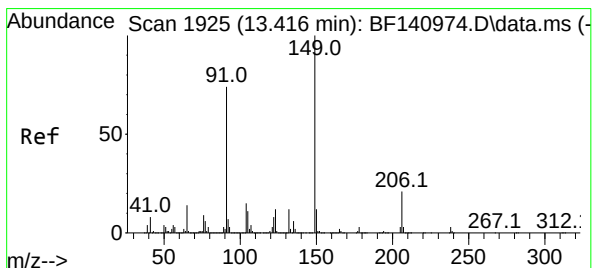
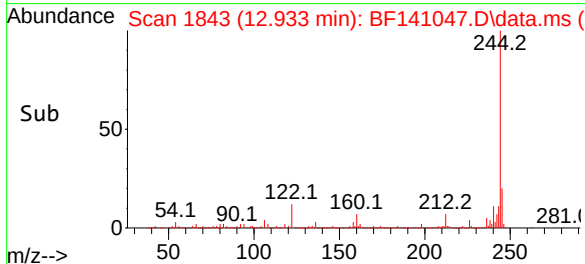
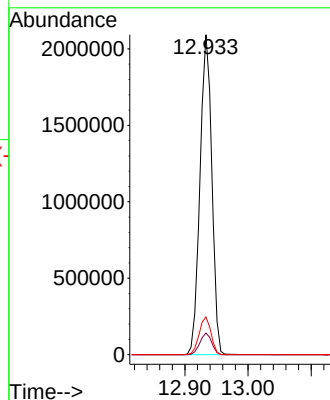
Tgt Ion:244 Resp: 2720559

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 11.8 10.2 15.2



#80

Butylbenzylphthalate

Concen: 42.239 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

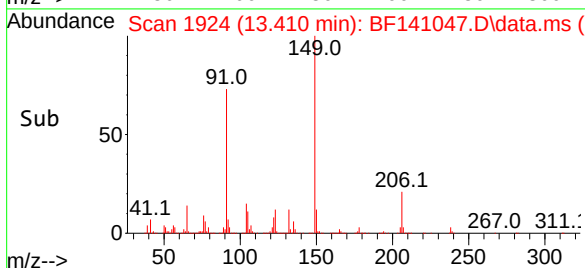
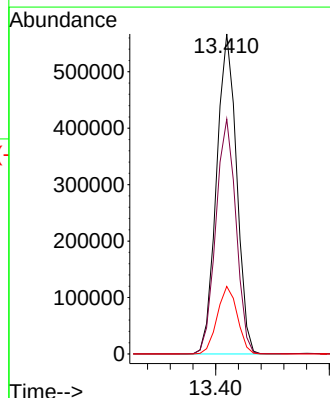
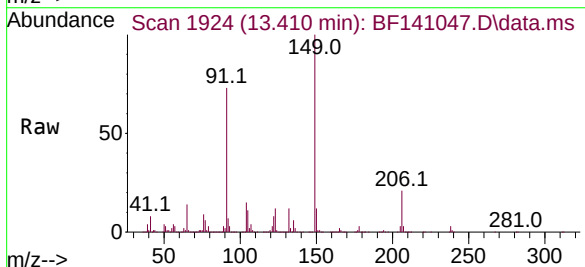
Tgt Ion:149 Resp: 697280

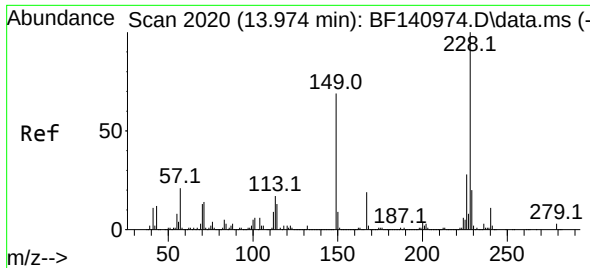
Ion Ratio Lower Upper

149 100

91 73.4 59.5 89.3

206 21.1 17.1 25.7

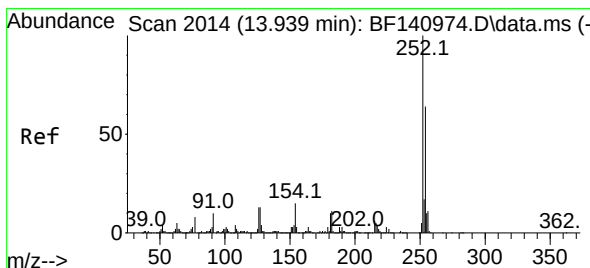
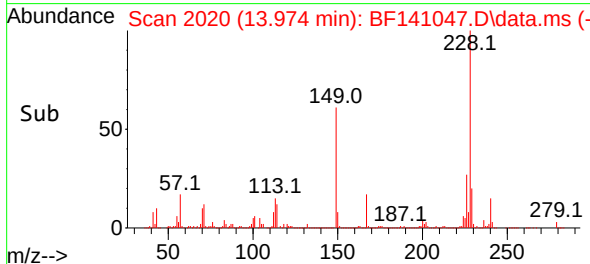
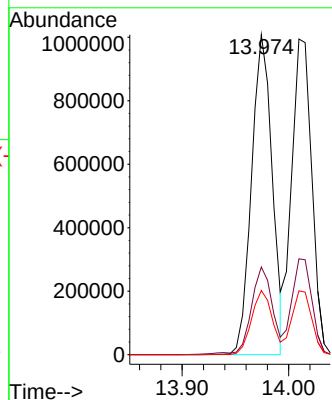
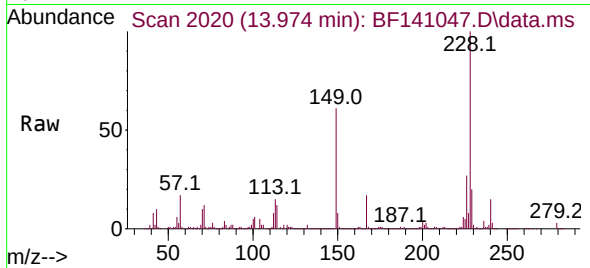




#81
Benzo(a)anthracene
Concen: 37.717 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

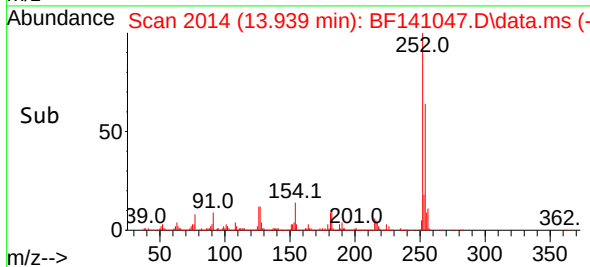
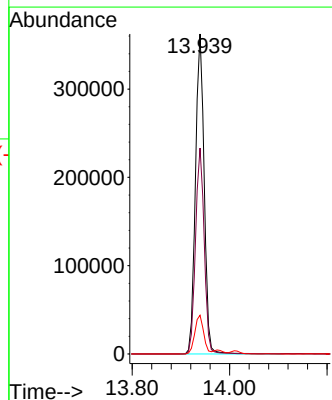
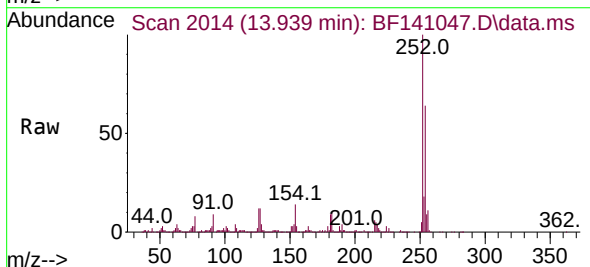
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

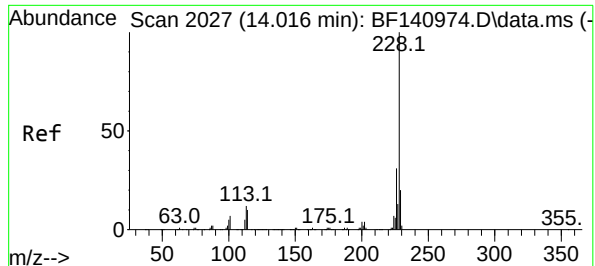
Tgt Ion:228 Resp: 1358803
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 41.967 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:252 Resp: 454247
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 12.1 10.3 15.5





#83

Chrysene

Concen: 40.257 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

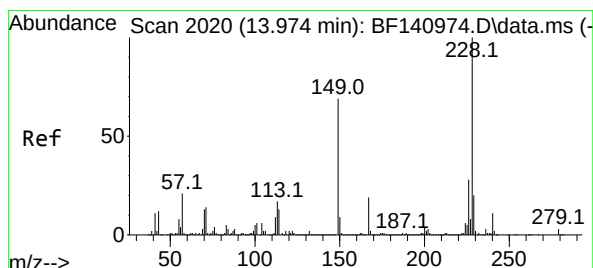
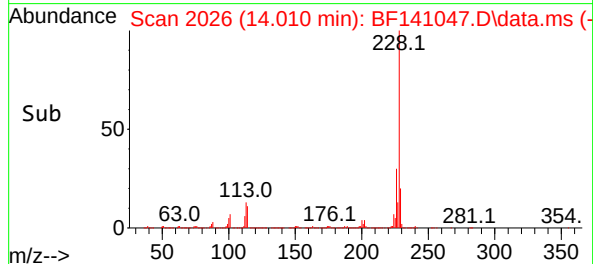
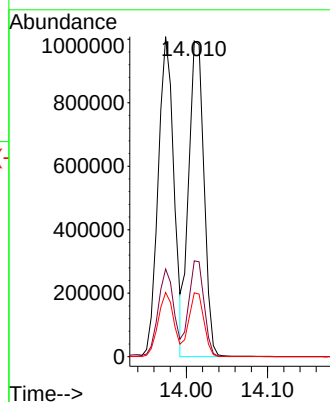
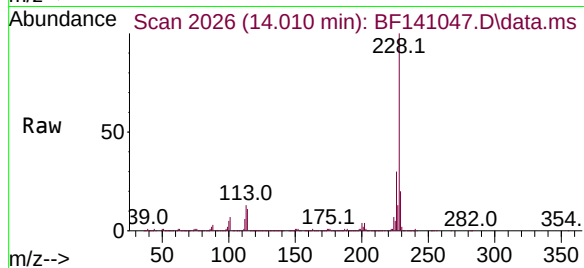
Tgt Ion:228 Resp: 1307395

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 20.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.867 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

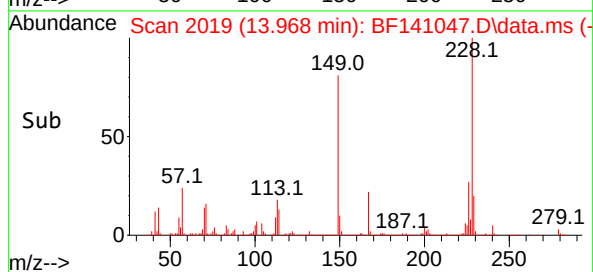
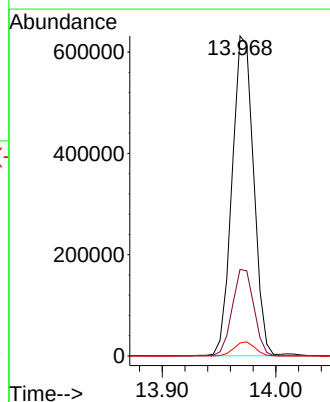
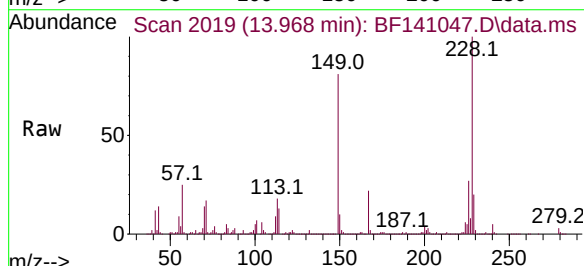
Tgt Ion:149 Resp: 832280

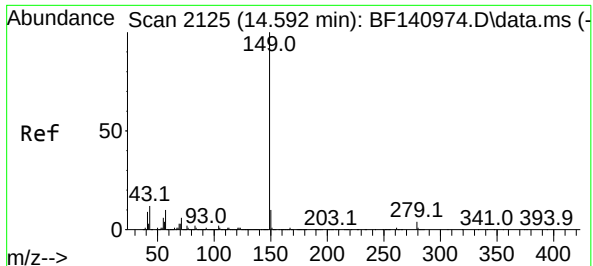
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 4.0 3.2 4.8

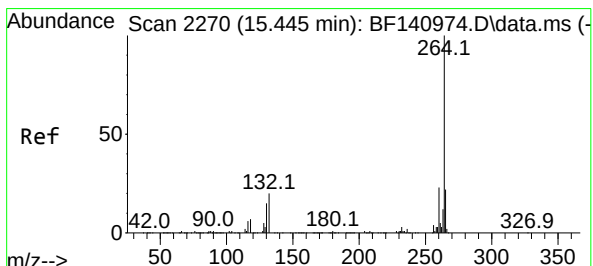
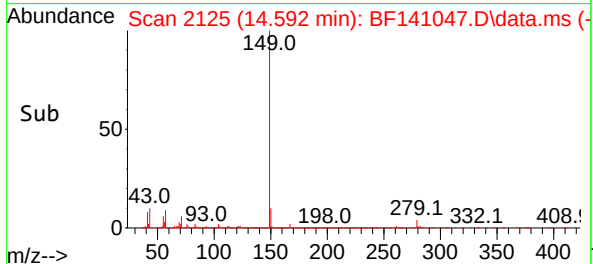
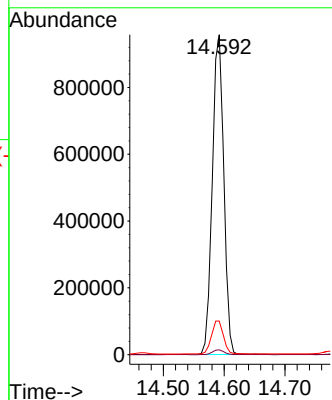
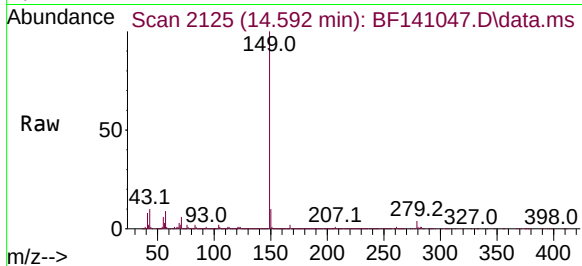




#85
Di-n-octyl phthalate
Concen: 40.408 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

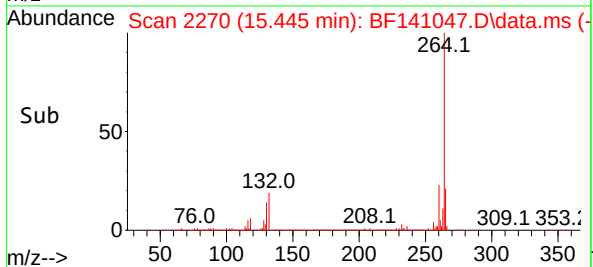
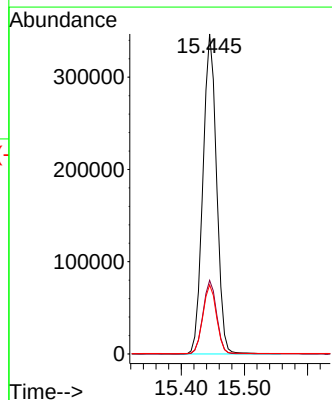
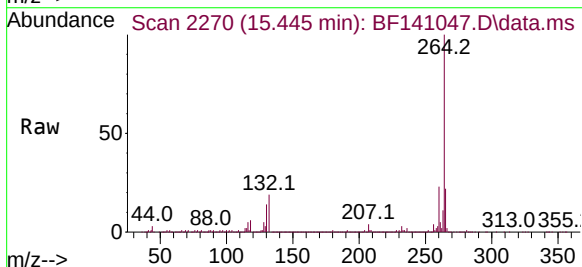
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

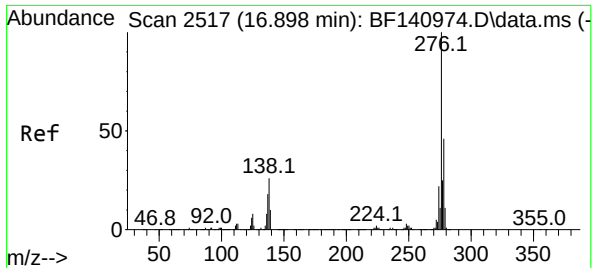
Tgt Ion:149 Resp: 1252361
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:264 Resp: 521026
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.6 17.4 26.2

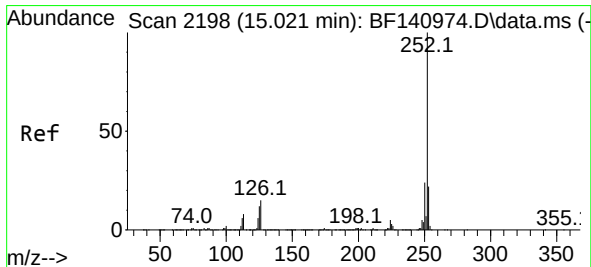
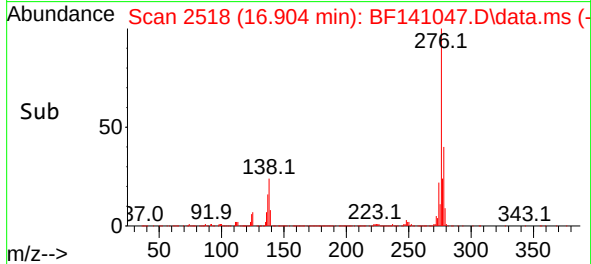
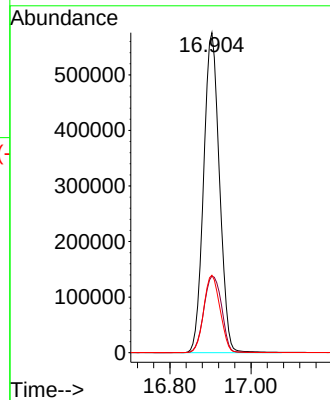
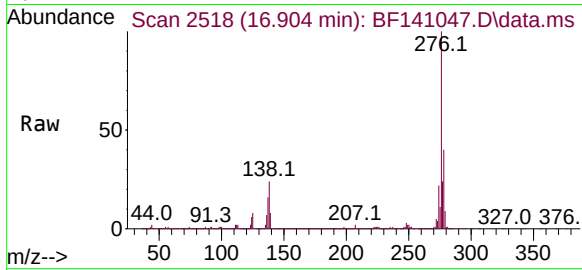




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.468 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

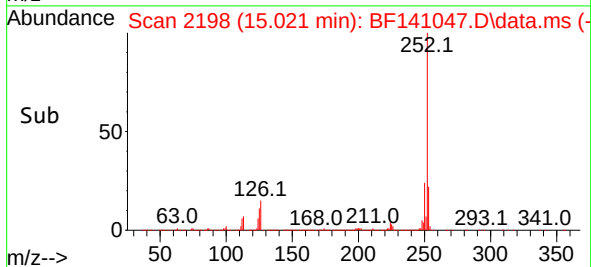
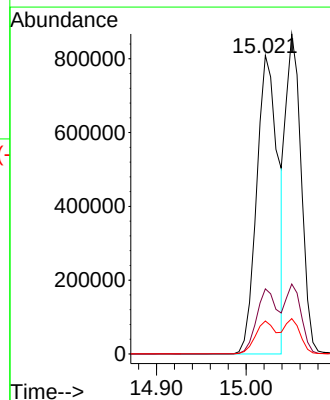
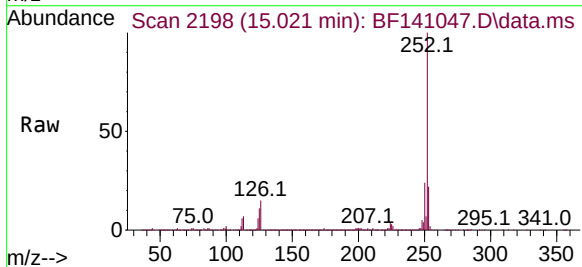
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

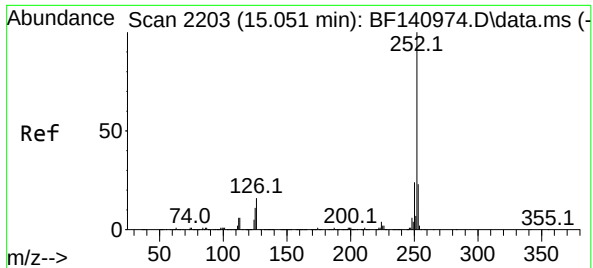
Tgt Ion:276 Resp: 1558168
Ion Ratio Lower Upper
276 100
138 26.8 23.1 34.7
277 25.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 36.722 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF141047.D
Acq: 31 Dec 2024 09:50

Tgt Ion:252 Resp: 1334435
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.1 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 36.414 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

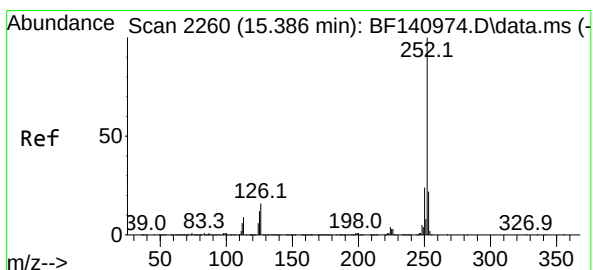
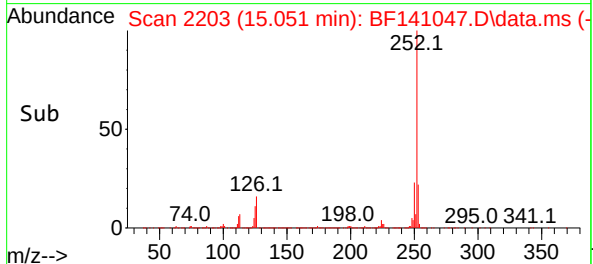
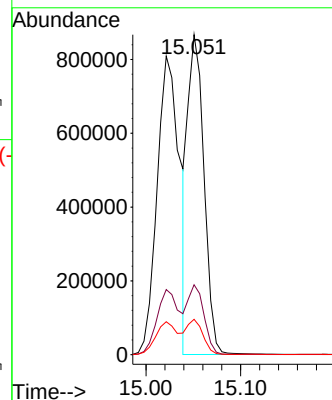
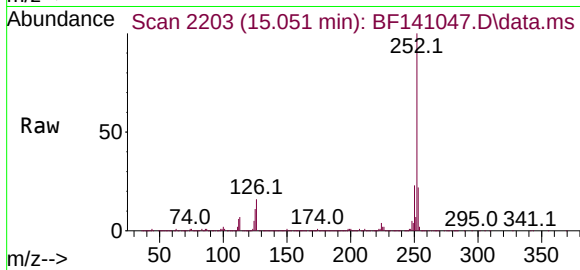
Tgt Ion:252 Resp: 1037087

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 11.1 9.4 14.0



#90

Benzo(a)pyrene

Concen: 38.260 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

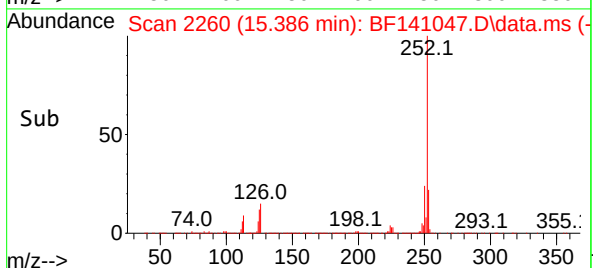
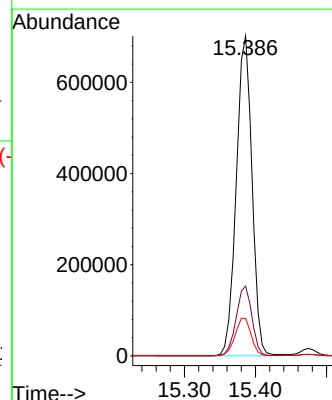
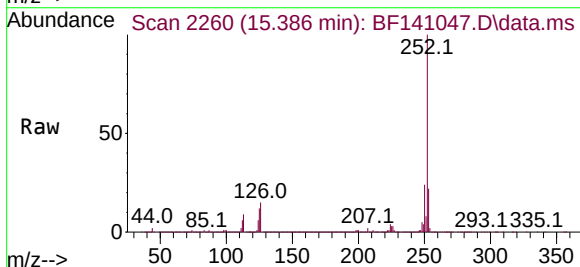
Tgt Ion:252 Resp: 1079136

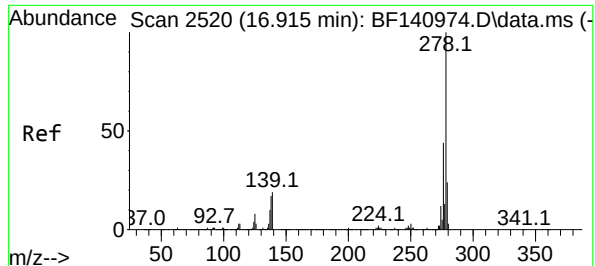
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.7 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 47.249 ng

RT: 16.921 min Scan# 2520

Delta R.T. 0.006 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

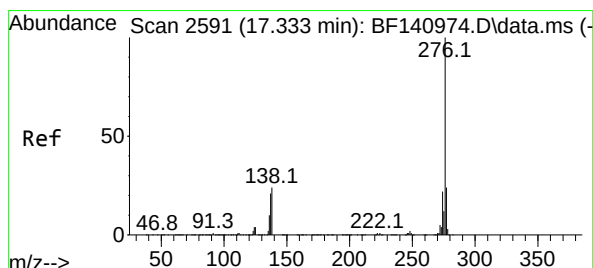
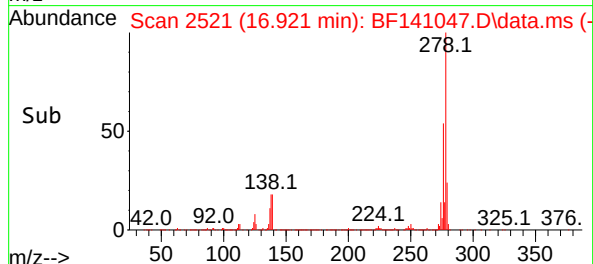
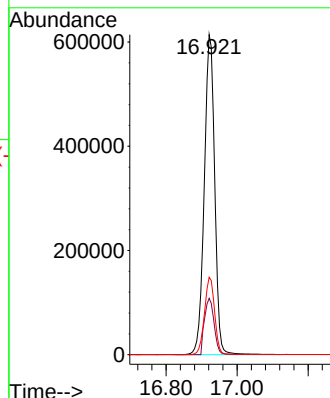
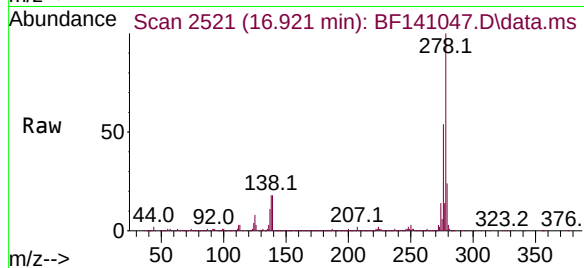
Tgt Ion:278 Resp: 1257257

Ion Ratio Lower Upper

278 100

139 17.6 14.9 22.3

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 47.848 ng

RT: 17.345 min Scan# 2593

Delta R.T. 0.012 min

Lab File: BF141047.D

Acq: 31 Dec 2024 09:50

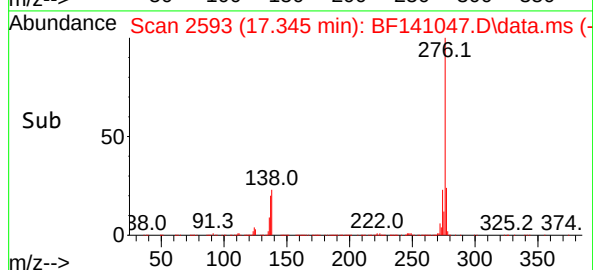
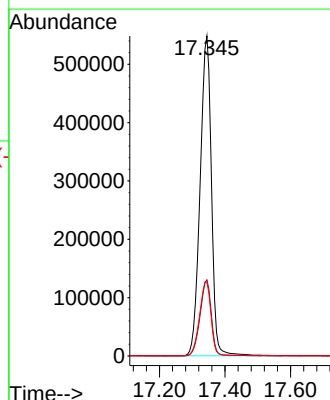
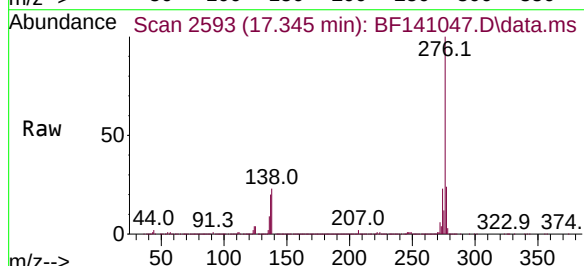
Tgt Ion:276 Resp: 1320537

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 23.1 19.4 29.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141047.D
 Acq On : 31 Dec 2024 09:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 31 10:37:12 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	101	0.00
2	1,4-Dioxane	0.601	0.561	6.7	95	0.00
3	Pyridine	1.468	1.428	2.7	101	0.00
4	n-Nitrosodimethylamine	0.744	0.692	7.0	94	0.00
5 S	2-Fluorophenol	1.327	1.243	6.3	98	0.00
6	Aniline	1.524	1.476	3.1	93	-0.02
7 S	Phenol-d6	1.709	1.580	7.5	96	0.00
8	2-Chlorophenol	1.399	1.355	3.1	99	0.00
9	Benzaldehyde	0.941	0.944	-0.3	111	0.00
10 C	Phenol	1.767	1.718	2.8	100	0.00
11	bis(2-Chloroethyl)ether	1.427	1.282	10.2	95	0.00
12	1,3-Dichlorobenzene	1.544	1.489	3.6	100	0.00
13 C	1,4-Dichlorobenzene	1.556	1.504	3.3	101	0.00
14	1,2-Dichlorobenzene	1.451	1.387	4.4	99	0.00
15	Benzyl Alcohol	1.228	1.160	5.5	96	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	1.931	10.5	93	0.00
17	2-Methylphenol	1.162	1.106	4.8	97	0.00
18	Hexachloroethane	0.553	0.540	2.4	101	0.00
19 P	n-Nitroso-di-n-propylamine	1.047	0.936	10.6	94	0.00
20	3+4-Methylphenols	1.471	1.374	6.6	96	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	98	0.00
22	Acetophenone	0.491	0.453	7.7	95	0.00
23 S	Nitrobenzene-d5	0.313	0.363	-16.0	109	0.00
24	Nitrobenzene	0.349	0.386	-10.6	104	0.00
25	Isophorone	0.680	0.636	6.5	95	0.00
26 C	2-Nitrophenol	0.118	0.177	-50.0#	137	0.00
27	2,4-Dimethylphenol	0.249	0.240	3.6	98	0.00
28	bis(2-Chloroethoxy)methane	0.431	0.406	5.8	96	0.00
29 C	2,4-Dichlorophenol	0.282	0.284	-0.7	100	0.00
30	1,2,4-Trichlorobenzene	0.319	0.314	1.6	99	0.00
31	Naphthalene	1.054	1.003	4.8	97	0.00
32	Benzoic acid	0.178	0.242	-36.0#	134	0.00
33	4-Chloroaniline	0.381	0.361	5.2	97	0.00
34 C	Hexachlorobutadiene	0.188	0.188	0.0	102	0.00
35	Caprolactam	0.096	0.094	2.1	98	0.00
36 C	4-Chloro-3-methylphenol	0.313	0.305	2.6	97	0.00
37	2-Methylnaphthalene	0.674	0.647	4.0	99	0.00
38	1-Methylnaphthalene	0.663	0.633	4.5	98	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	0.550	0.555	-0.9	101	0.00
41 P	Hexachlorocyclopentadiene	0.182	0.204	-12.1	107	0.00
42 S	2,4,6-Tribromophenol	0.194	0.219	-12.9	109	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.374	-2.2	100	0.00
44	2,4,5-Trichlorophenol	0.375	0.410	-9.3	105	0.00
45 S	2-Fluorobiphenyl	1.255	1.203	4.1	100	0.00
46	1,1'-Biphenyl	1.531	1.493	2.5	98	0.00
47	2-Chloronaphthalene	1.188	1.163	2.1	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141047.D
 Acq On : 31 Dec 2024 09:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 31 10:37:12 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	0.357	-37.8#	121	0.00
49	Acenaphthylene	1.710	1.676	2.0	99	0.00
50	Dimethylphthalate	1.316	1.296	1.5	98	0.00
51	2,6-Dinitrotoluene	0.231	0.308	-33.3#	117	0.00
52 C	Acenaphthene	1.156	1.171	-1.3	102	0.00
53	3-Nitroaniline	0.255	0.323	-26.7#	112	0.00
54 P	2,4-Dinitrophenol	0.075	0.145	-93.3#	196#	0.00
55	Dibenzofuran	1.624	1.575	3.0	98	0.00
56 P	4-Nitrophenol	0.225	0.261	-16.0	111	0.00
57	2,4-Dinitrotoluene	0.273	0.404	-48.0#	127	0.00
58	Fluorene	1.260	1.209	4.0	99	0.00
59	2,3,4,6-Tetrachlorophenol	0.310	0.330	-6.5	102	0.00
60	Diethylphthalate	1.299	1.274	1.9	98	0.00
61	4-Chlorophenyl-phenylether	0.606	0.602	0.7	101	0.00
62	4-Nitroaniline	0.255	0.317	-24.3	111	0.00
63	Azobenzene	1.363	1.286	5.6	95	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	96	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.117	-74.6#	169#	0.00
66 c	n-Nitrosodiphenylamine	0.630	0.617	2.1	98	0.00
67	4-Bromophenyl-phenylether	0.216	0.224	-3.7	102	0.00
68	Hexachlorobenzene	0.238	0.242	-1.7	101	0.00
69	Atrazine	0.176	0.141	19.9	87	0.00
70 C	Pentachlorophenol	0.148	0.167	-12.8	104	0.00
71	Phenanthrene	1.053	1.005	4.6	96	0.00
72	Anthracene	1.031	0.993	3.7	97	0.00
73	Carbazole	0.992	0.927	6.6	94	0.00
74	Di-n-butylphthalate	1.128	1.072	5.0	95	0.00
75 C	Fluoranthene	1.142	1.034	9.5	91	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77	Benzydine	0.423	0.465	-9.9	89	0.00
78	Pyrene	1.749	1.901	-8.7	89	0.00
79 S	Terphenyl-d14	1.204	1.316	-9.3	91	0.00
80	Butylbenzylphthalate	0.639	0.674	-5.5	81	0.00
81	Benzo(a)anthracene	1.394	1.314	5.7	76	0.00
82	3,3'-Dichlorobenzidine	0.419	0.439	-4.8	87	0.00
83	Chrysene	1.257	1.265	-0.6	83	0.00
84	Bis(2-ethylhexyl)phthalate	0.828	0.805	2.8	78	0.00
85 c	Di-n-octyl phthalate	1.199	1.211	-1.0	80	0.00
86 I	Perylene-d12	1.000	1.000	0.0	98	0.00
87	Indeno(1,2,3-cd)pyrene	1.260	1.495	-18.7	112	0.00
88	Benzo(b)fluoranthene	1.395	1.281	8.2	89	0.00
89	Benzo(k)fluoranthene	1.093	0.995	9.0	92	0.00
90 C	Benzo(a)pyrene	1.083	1.036	4.3	95	0.00
91	Dibenzo(a,h)anthracene	1.021	1.207	-18.2	110	0.00
92	Benzo(g,h,i)perylene	1.059	1.267	-19.6	110	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141047.D
Acq On : 31 Dec 2024 09:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 31 10:37:12 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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141047.D
 Acq On : 31 Dec 2024 09:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Dec 31 10:37:12 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	101	0.00
2	1,4-Dioxane	40.000	37.373	6.6	95	0.00
3	Pyridine	40.000	38.909	2.7	101	0.00
4	n-Nitrosodimethylamine	40.000	37.219	7.0	94	0.00
5 S	2-Fluorophenol	80.000	74.942	6.3	98	0.00
6	Aniline	40.000	38.722	3.2	93	-0.02
7 S	Phenol-d6	80.000	73.971	7.5	96	0.00
8	2-Chlorophenol	40.000	38.756	3.1	99	0.00
9	Benzaldehyde	40.000	46.524	-16.3	111	0.00
10 C	Phenol	40.000	38.885	2.8	100	0.00
11	bis(2-Chloroethyl)ether	40.000	35.923	10.2	95	0.00
12	1,3-Dichlorobenzene	40.000	38.580	3.6	100	0.00
13 C	1,4-Dichlorobenzene	40.000	38.657	3.4	101	0.00
14	1,2-Dichlorobenzene	40.000	38.228	4.4	99	0.00
15	Benzyl Alcohol	40.000	37.763	5.6	96	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.789	10.5	93	0.00
17	2-Methylphenol	40.000	38.080	4.8	97	0.00
18	Hexachloroethane	40.000	39.098	2.3	101	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	35.768	10.6	94	0.00
20	3+4-Methylphenols	40.000	37.368	6.6	96	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	98	0.00
22	Acetophenone	40.000	36.969	7.6	95	0.00
23 S	Nitrobenzene-d5	80.000	92.864	-16.1	109	0.00
24	Nitrobenzene	40.000	44.244	-10.6	104	0.00
25	Isophorone	40.000	37.420	6.4	95	0.00
26 C	2-Nitrophenol	40.000	49.343	-23.4#	137	0.00
27	2,4-Dimethylphenol	40.000	38.644	3.4	98	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.653	5.9	96	0.00
29 C	2,4-Dichlorophenol	40.000	40.235	-0.6	100	0.00
30	1,2,4-Trichlorobenzene	40.000	39.347	1.6	99	0.00
31	Naphthalene	40.000	38.067	4.8	97	0.00
32	Benzoic acid	40.000	47.485	-18.7	134	0.00
33	4-Chloroaniline	40.000	37.924	5.2	97	0.00
34 C	Hexachlorobutadiene	40.000	39.874	0.3	102	0.00
35	Caprolactam	40.000	39.082	2.3	98	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.965	2.6	97	0.00
37	2-Methylnaphthalene	40.000	38.404	4.0	99	0.00
38	1-Methylnaphthalene	40.000	38.186	4.5	98	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.370	-0.9	101	0.00
41 P	Hexachlorocyclopentadiene	40.000	44.842	-12.1	107	0.00
42 S	2,4,6-Tribromophenol	80.000	90.305	-12.9	109	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.900	-2.2	100	0.00
44	2,4,5-Trichlorophenol	40.000	43.770	-9.4	105	0.00
45 S	2-Fluorobiphenyl	80.000	76.647	4.2	100	0.00
46	1,1'-Biphenyl	40.000	38.996	2.5	98	0.00
47	2-Chloronaphthalene	40.000	39.184	2.0	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141047.D
 Acq On : 31 Dec 2024 09:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 31 10:37:12 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	46.103	-15.3	121	0.00
49	Acenaphthylene	40.000	39.203	2.0	99	0.00
50	Dimethylphthalate	40.000	39.405	1.5	98	0.00
51	2,6-Dinitrotoluene	40.000	46.104	-15.3	117	0.00
52 C	Acenaphthene	40.000	40.520	-1.3	102	0.00
53	3-Nitroaniline	40.000	44.551	-11.4	112	0.00
54 P	2,4-Dinitrophenol	40.000	61.568	-53.9#	196	0.00
55	Dibenzofuran	40.000	38.783	3.0	98	0.00
56 P	4-Nitrophenol	40.000	46.391	-16.0	111	0.00
57	2,4-Dinitrotoluene	40.000	49.100	-22.8	127	0.00
58	Fluorene	40.000	38.381	4.0	99	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.528	-6.3	102	0.00
60	Diethylphthalate	40.000	39.252	1.9	98	0.00
61	4-Chlorophenyl-phenylether	40.000	39.712	0.7	101	0.00
62	4-Nitroaniline	40.000	43.755	-9.4	111	0.00
63	Azobenzene	40.000	37.738	5.7	95	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	96	0.00
65	4,6-Dinitro-2-methylphenol	40.000	56.489	-41.2#	169	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.190	2.0	98	0.00
67	4-Bromophenyl-phenylether	40.000	41.503	-3.8	102	0.00
68	Hexachlorobenzene	40.000	40.596	-1.5	101	0.00
69	Atrazine	40.000	32.006	20.0	87	0.00
70 C	Pentachlorophenol	40.000	45.045	-12.6	104	0.00
71	Phenanthrene	40.000	38.177	4.6	96	0.00
72	Anthracene	40.000	38.522	3.7	97	0.00
73	Carbazole	40.000	37.394	6.5	94	0.00
74	Di-n-butylphthalate	40.000	38.035	4.9	95	0.00
75 C	Fluoranthene	40.000	36.238	9.4	91	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77	Benzydine	40.000	44.005	-10.0	89	0.00
78	Pyrene	40.000	43.474	-8.7	89	0.00
79 S	Terphenyl-d14	80.000	87.419	-9.3	91	0.00
80	Butylbenzylphthalate	40.000	42.239	-5.6	81	0.00
81	Benzo(a)anthracene	40.000	37.717	5.7	76	0.00
82	3,3'-Dichlorobenzidine	40.000	41.967	-4.9	87	0.00
83	Chrysene	40.000	40.257	-0.6	83	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.867	2.8	78	0.00
85 c	Di-n-octyl phthalate	40.000	40.408	-1.0	80	0.00
86 I	Perylene-d12	20.000	20.000	0.0	98	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	47.468	-18.7	112	0.00
88	Benzo(b)fluoranthene	40.000	36.722	8.2	89	0.00
89	Benzo(k)fluoranthene	40.000	36.414	9.0	92	0.00
90 C	Benzo(a)pyrene	40.000	38.260	4.4	95	0.00
91	Dibenzo(a,h)anthracene	40.000	47.249	-18.1	110	0.00
92	Benzo(g,h,i)perylene	40.000	47.848	-19.6	110	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141047.D
Acq On : 31 Dec 2024 09:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 31 10:37:12 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 = 1



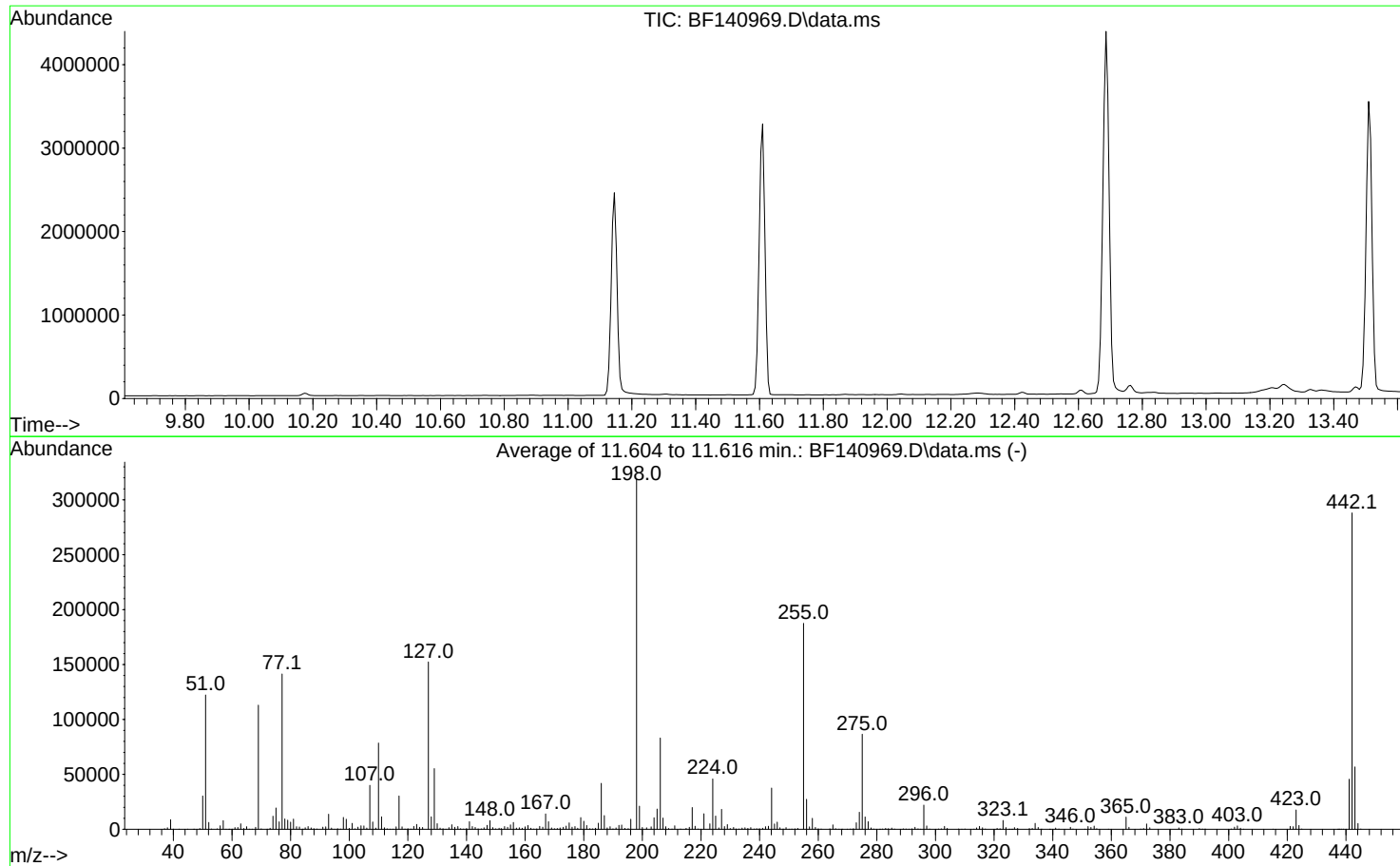
QC SAMPLE DATA

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



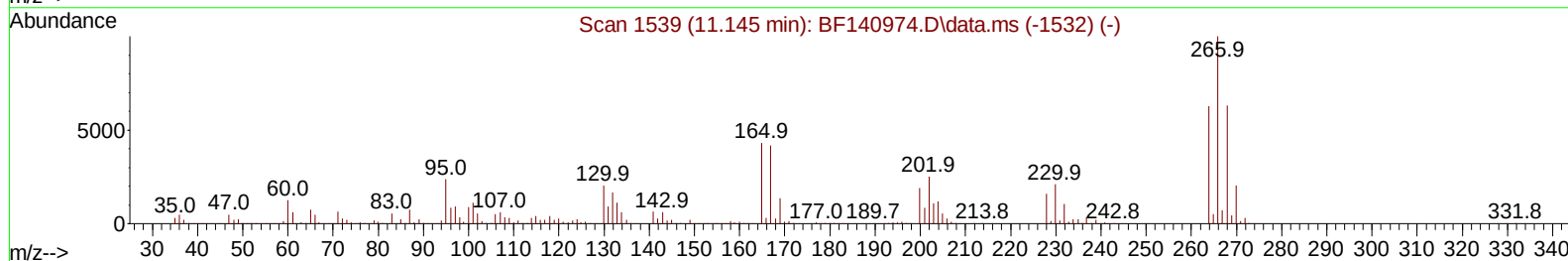
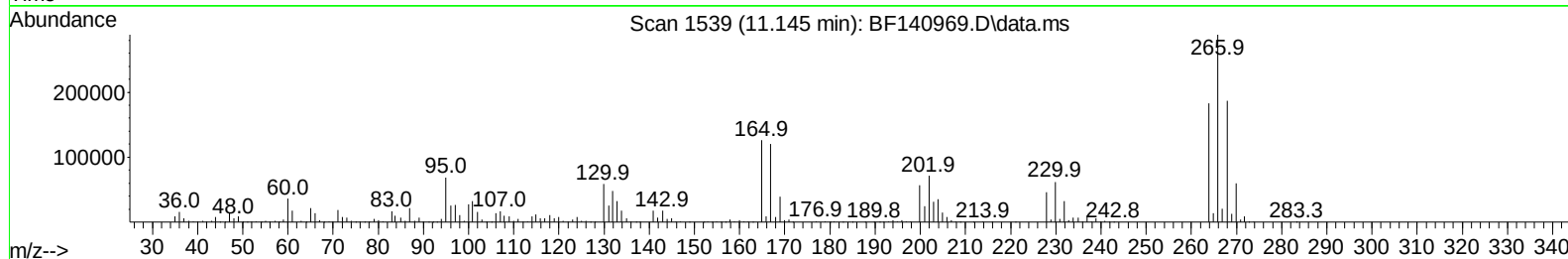
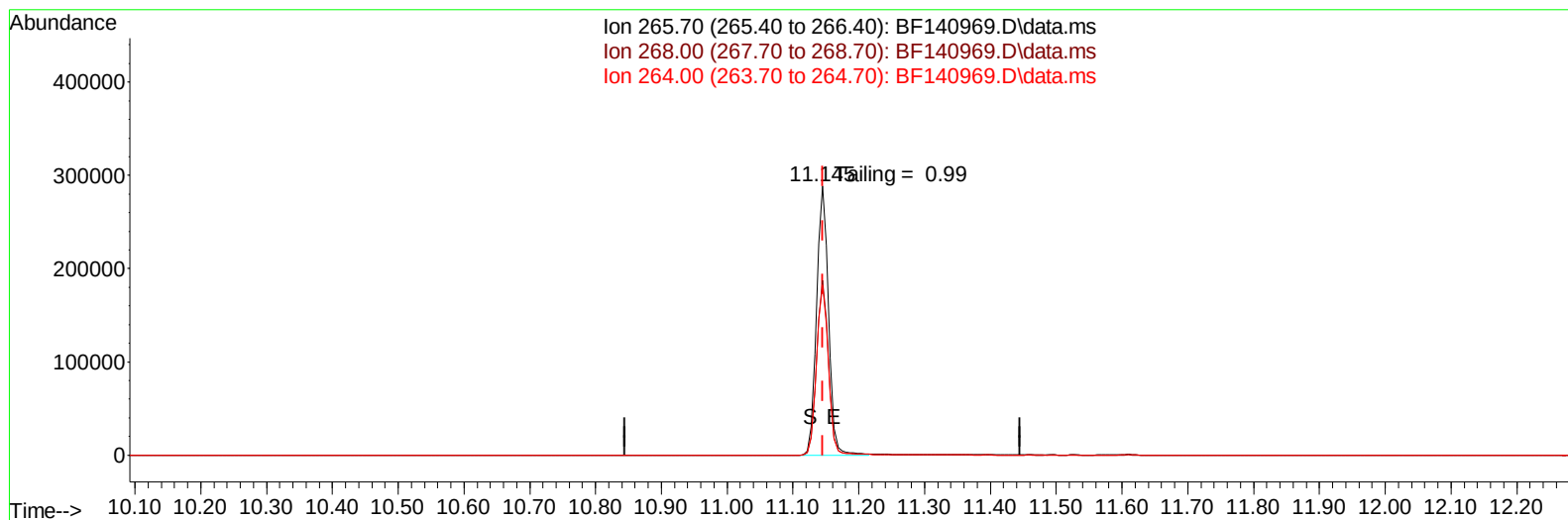
AutoFind: Scans 1617, 1618, 1619; Background Corrected with Scan 1610

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

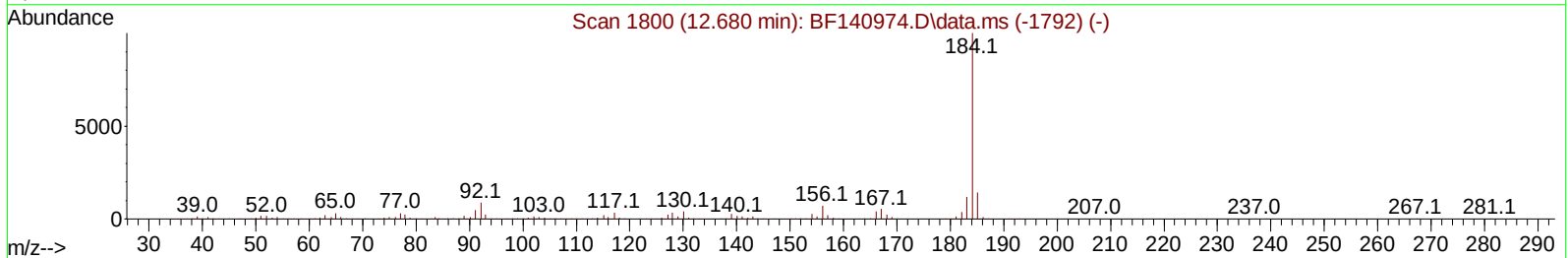
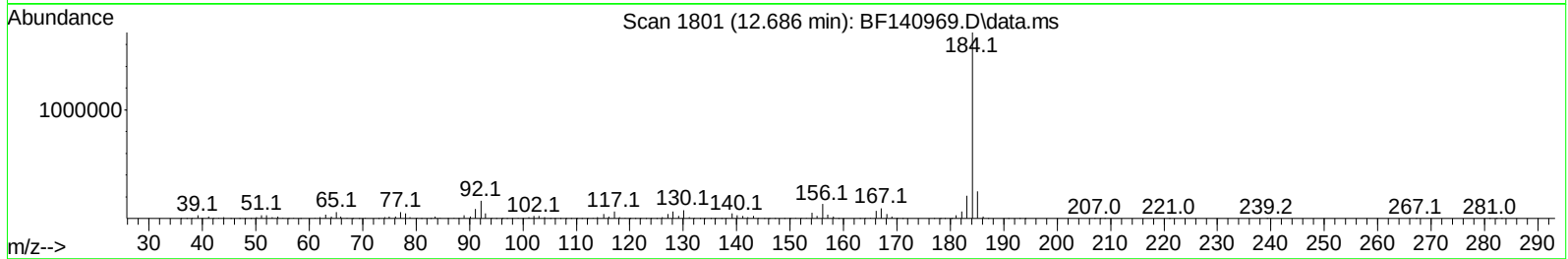
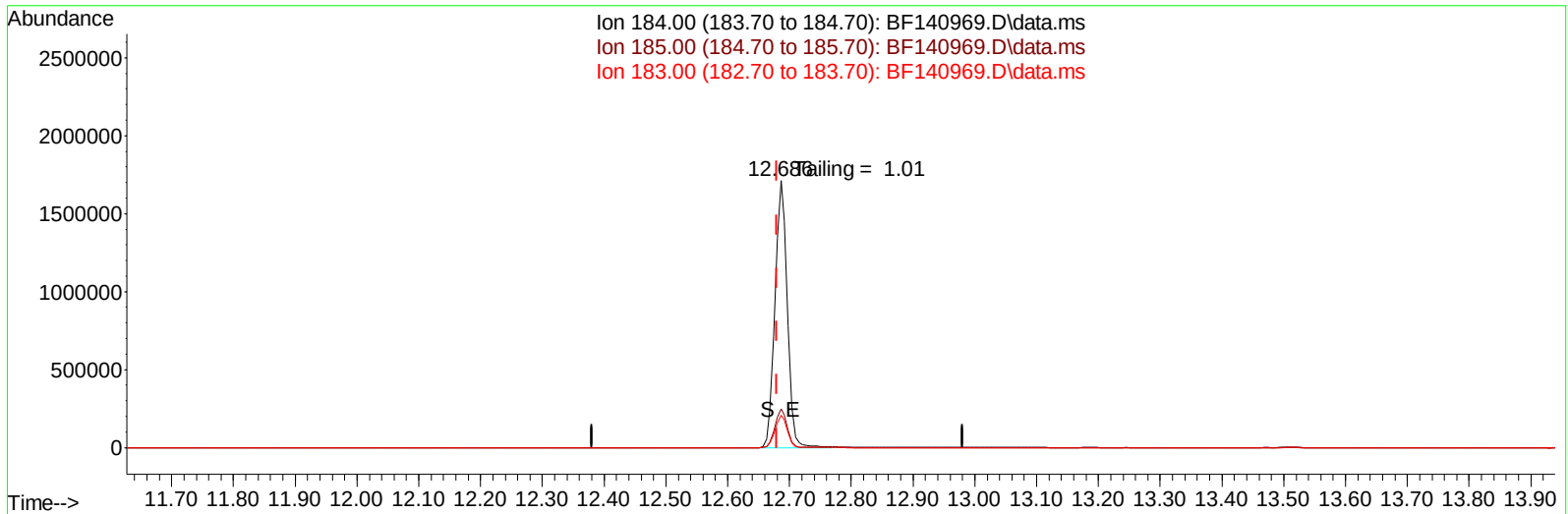
response 370836

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

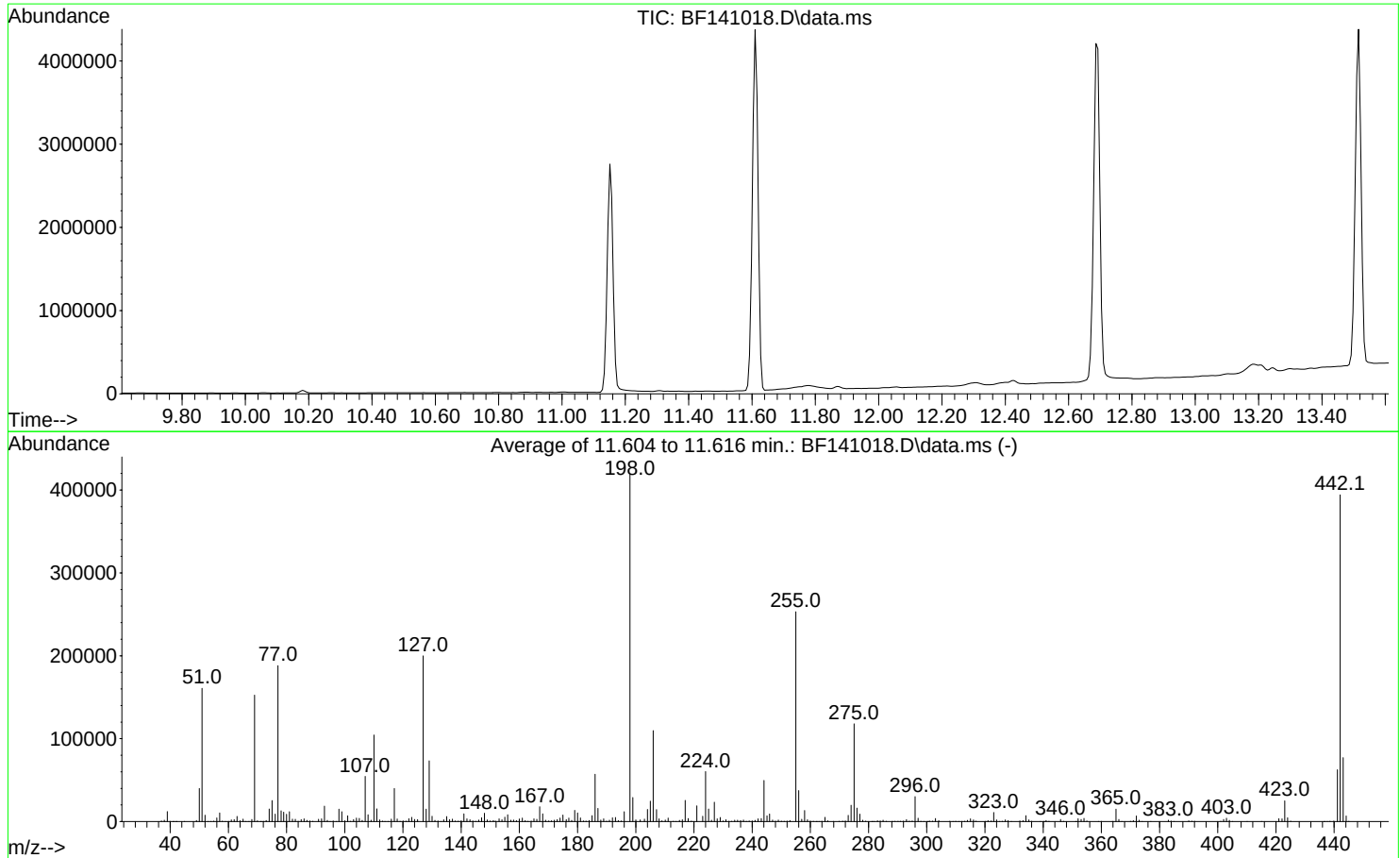
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141018.D
Acq On : 30 Dec 2024 08:58
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	160811	PASS
68	69	0.00	2	1.7	2616	PASS
69	198	0.00	100	36.4	152490	PASS
70	69	0.00	2	0.6	903	PASS
127	198	10	80	47.7	199893	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	418987	PASS
199	198	5	9	6.9	28909	PASS
275	198	10	60	28.2	118011	PASS
365	198	1	100	3.6	14923	PASS
441	198	0.01	100	14.9	62432	PASS
442	442	50	100	100.0	394133	PASS
443	442	15	24	19.6	77104	PASS

DDT Breakdown

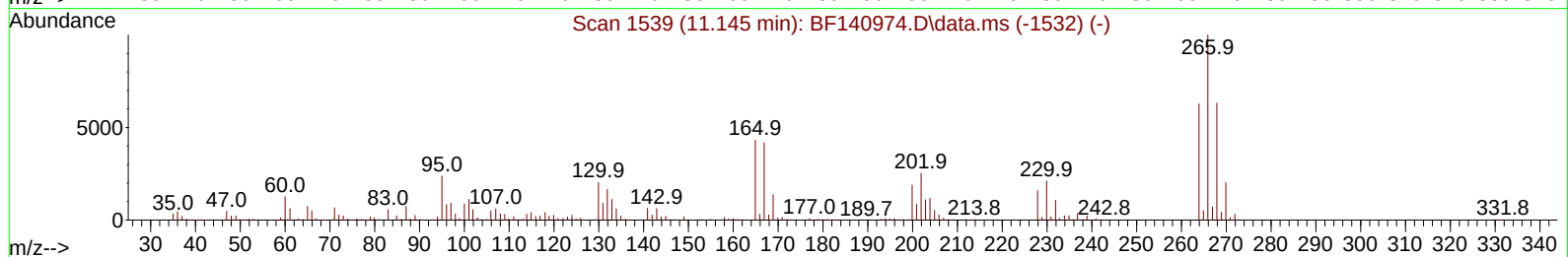
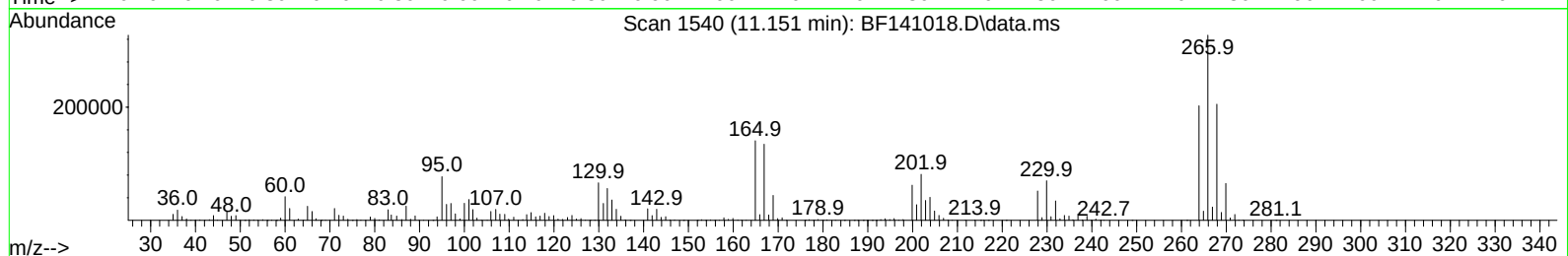
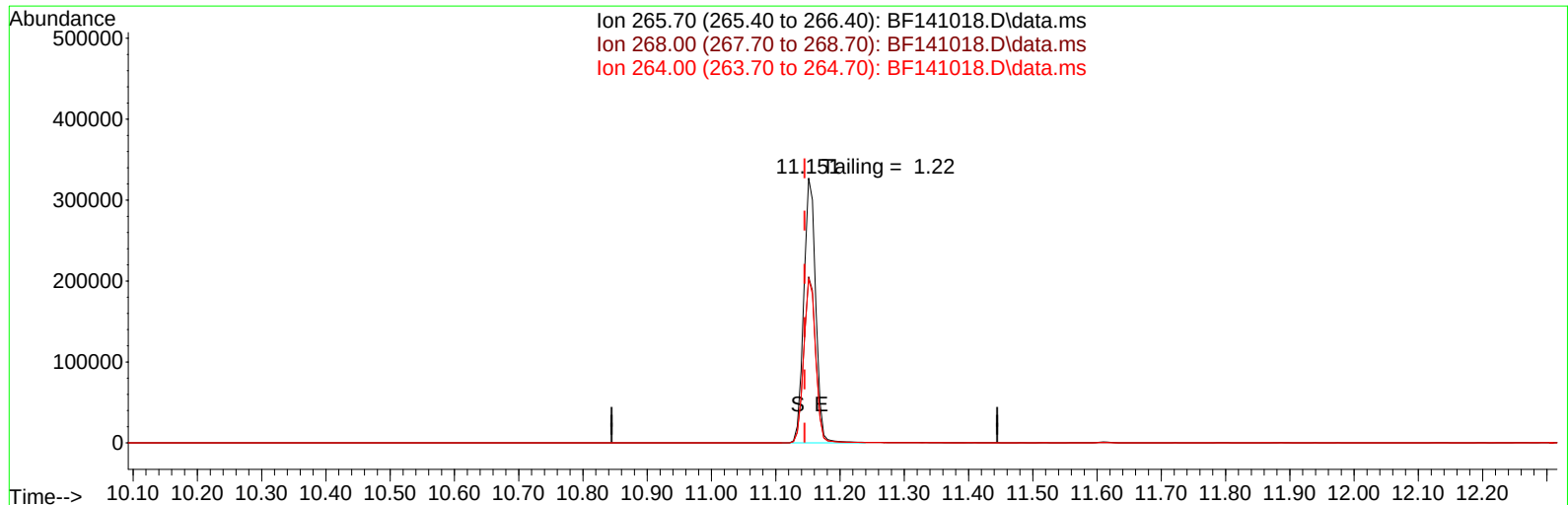
Date	Instrument Name	DFTPP Data File
12/30/2024	BNA_F	<u>BF141018.D</u>
Compound Name	Response	Retention Time
DDT	927446	13.516
DDD	23538	13.21
DDE	2456	12.875
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
25994	953440	2.73

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141018.D
Acq On : 30 Dec 2024 08:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 30 10:08:23 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: BF141018.D\data.ms

(70) Pentachlorophenol (C)

11.151min (+ 0.006) 118641.00 ng

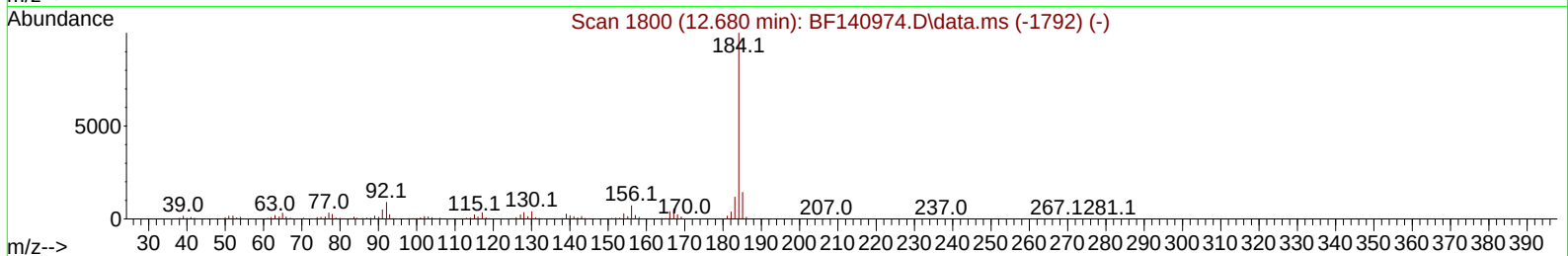
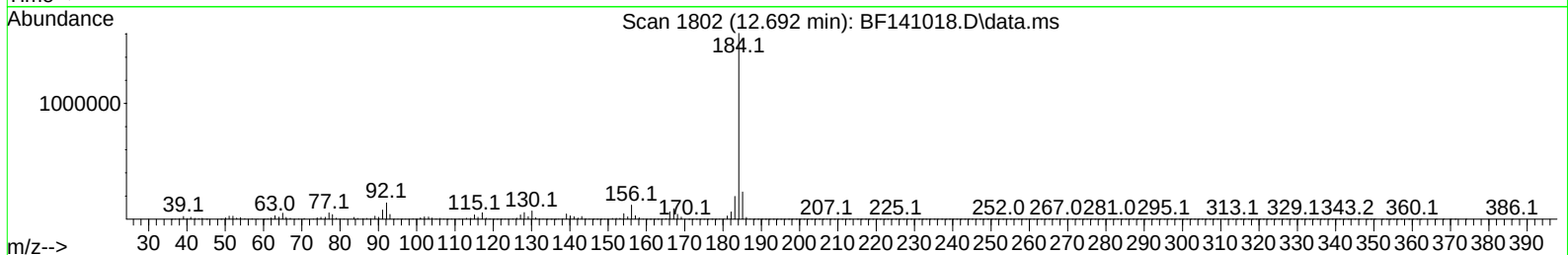
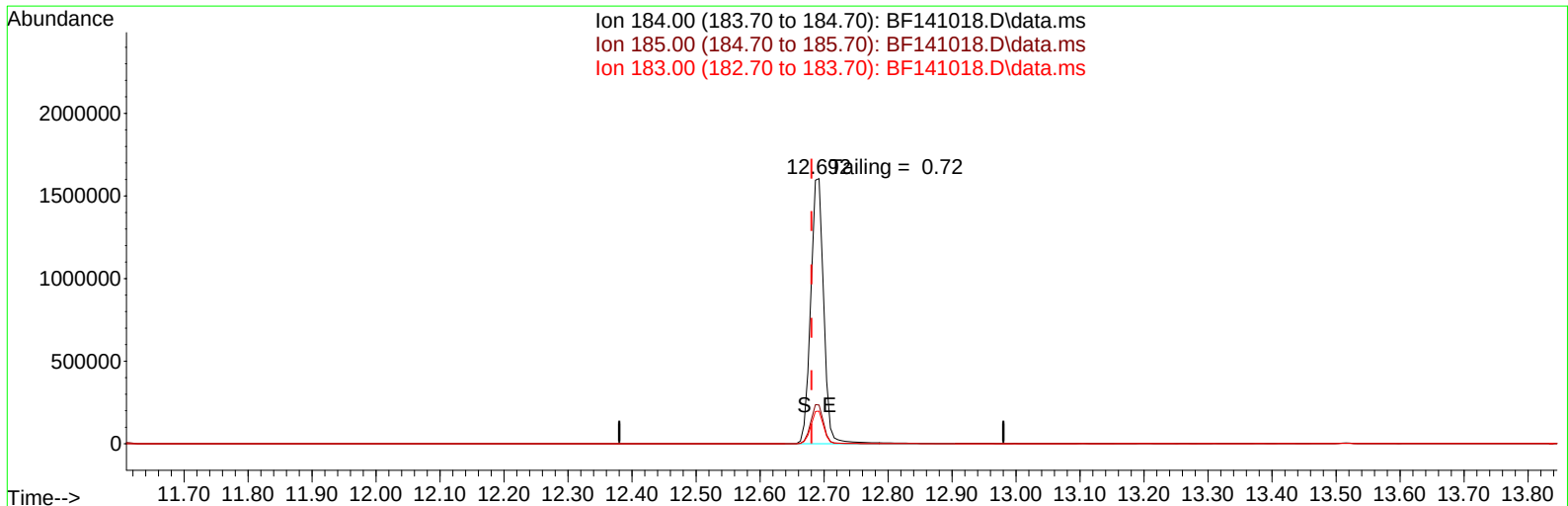
response 426155

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	62.72
264.00	62.80	61.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141018.D
Acq On : 30 Dec 2024 08:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 30 10:08:23 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: BF141018.D\data.ms

(77) Benzidine

12.692min (+ 0.012) 182948.18 ng

response 2285059

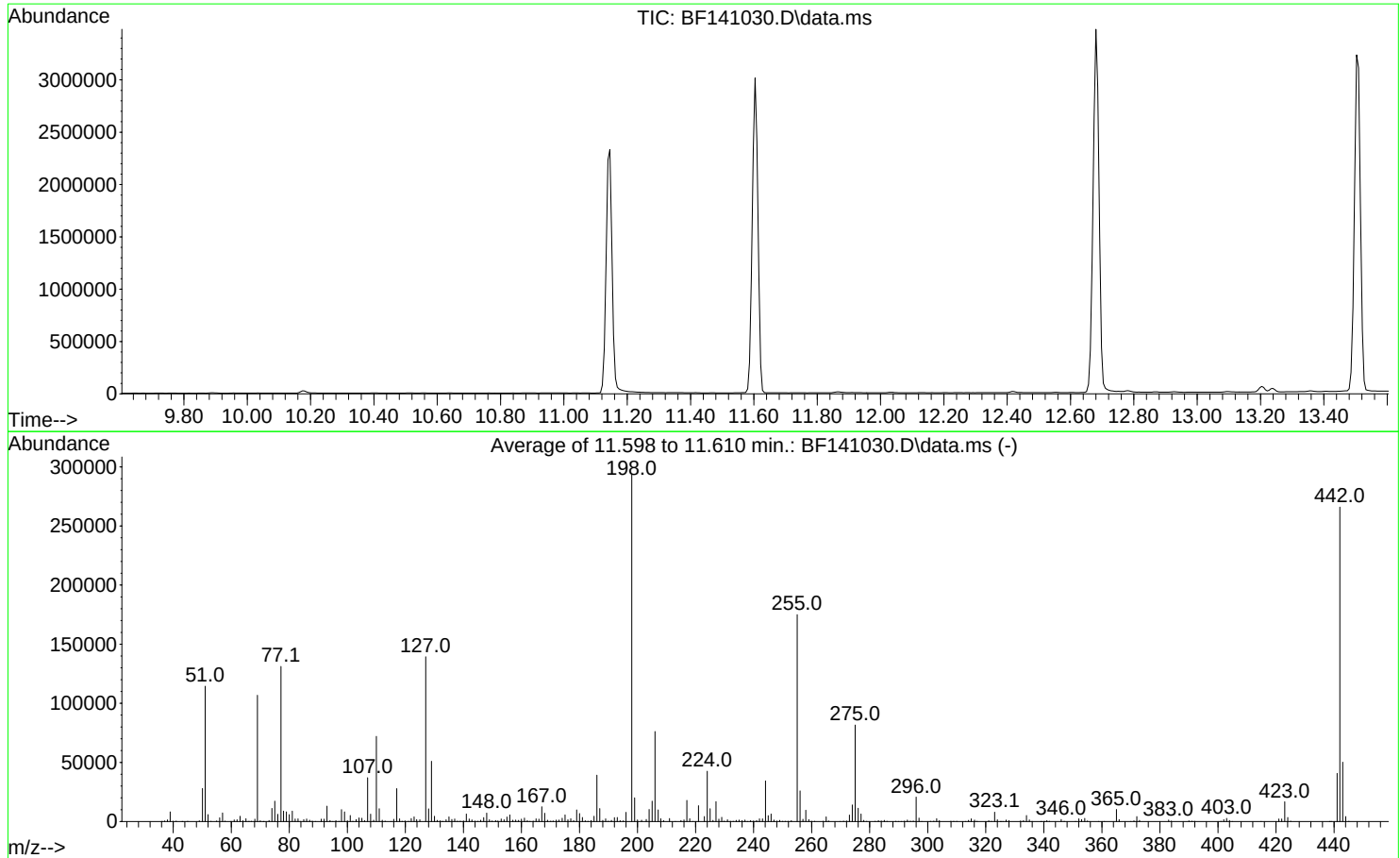
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.65
183.00	11.70	12.30
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141030.D
Acq On : 30 Dec 2024 14:54
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 1616, 1617, 1618; Background Corrected with Scan 1609

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.0	114464	PASS
68	69	0.00	2	1.9	1987	PASS
69	198	0.00	100	36.4	106829	PASS
70	69	0.00	2	0.6	594	PASS
127	198	10	80	47.5	139389	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	293696	PASS
199	198	5	9	6.8	20080	PASS
275	198	10	60	27.8	81659	PASS
365	198	1	100	3.5	10285	PASS
441	198	0.01	100	13.9	40797	PASS
442	442	50	100	100.0	265920	PASS
443	442	15	24	18.9	50208	PASS

DDT Breakdown

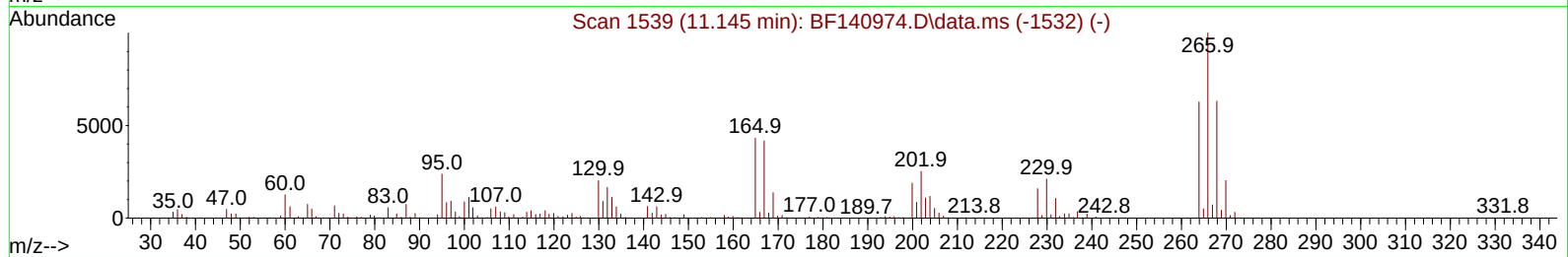
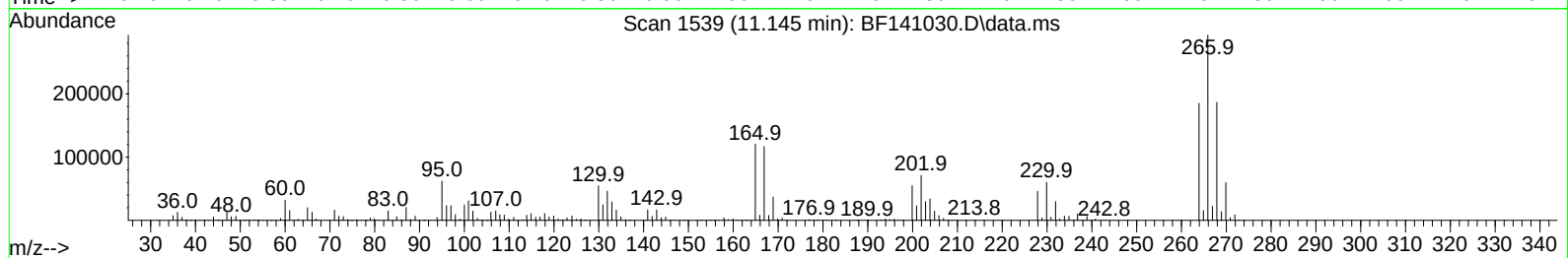
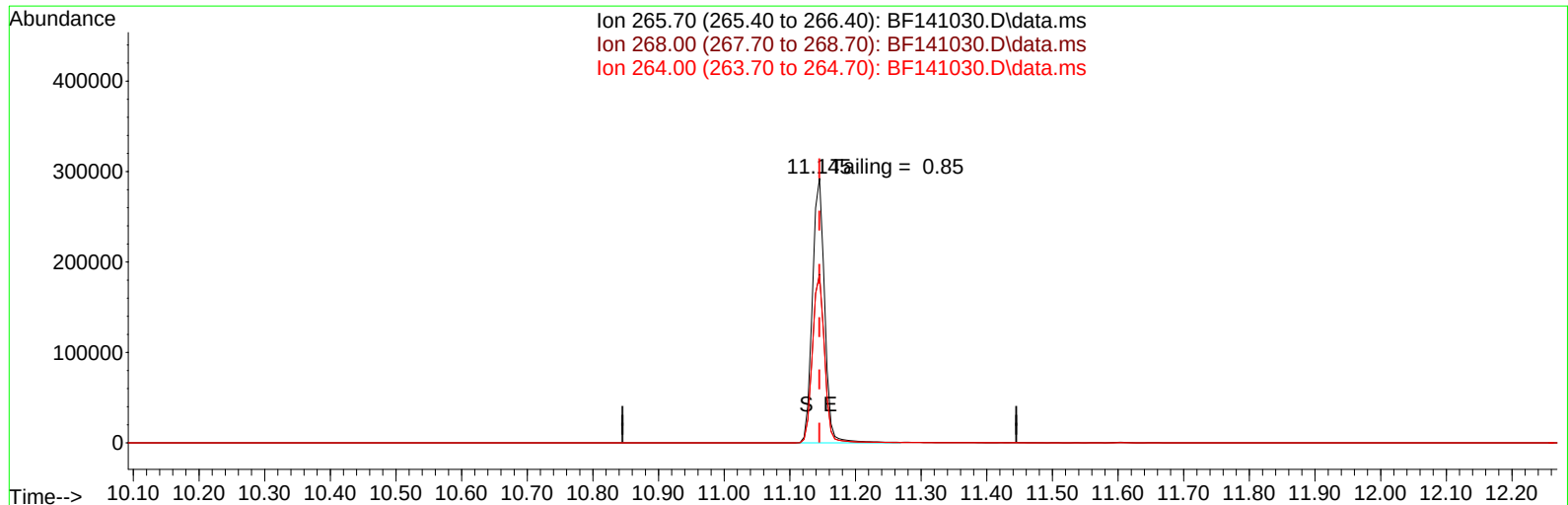
Date	Instrument Name	DFTPP Data File
12/30/2024	BNA_F	<u>BF141030.D</u>
Compound Name	Response	Retention Time
DDT	828346	13.51
DDD	20589	13.204
DDE	1143	12.868
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
21732	850078	2.56

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141030.D
Acq On : 30 Dec 2024 14:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 30 15:22:24 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: BF141030.D\data.ms

(70) Pentachlorophenol (C)

11.145min (+ 0.000) 50298.96 ng

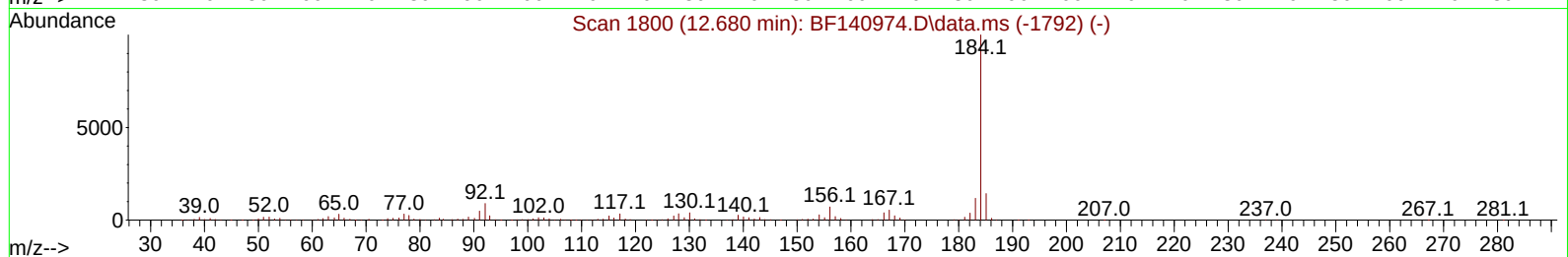
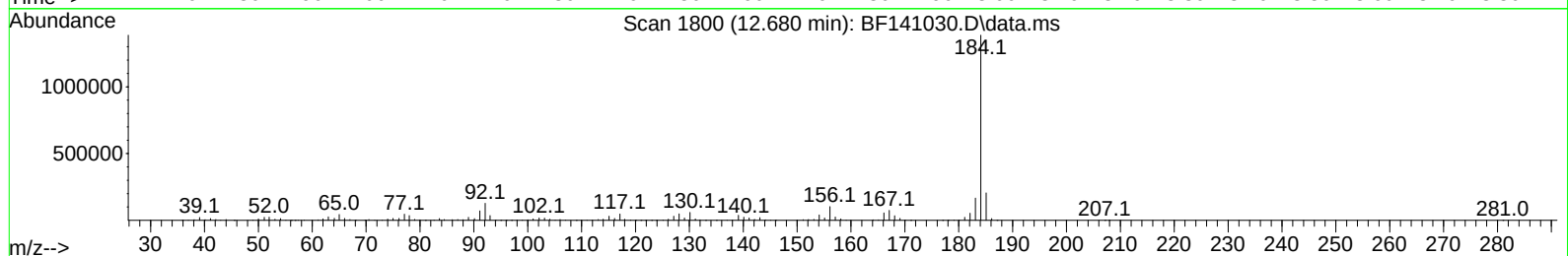
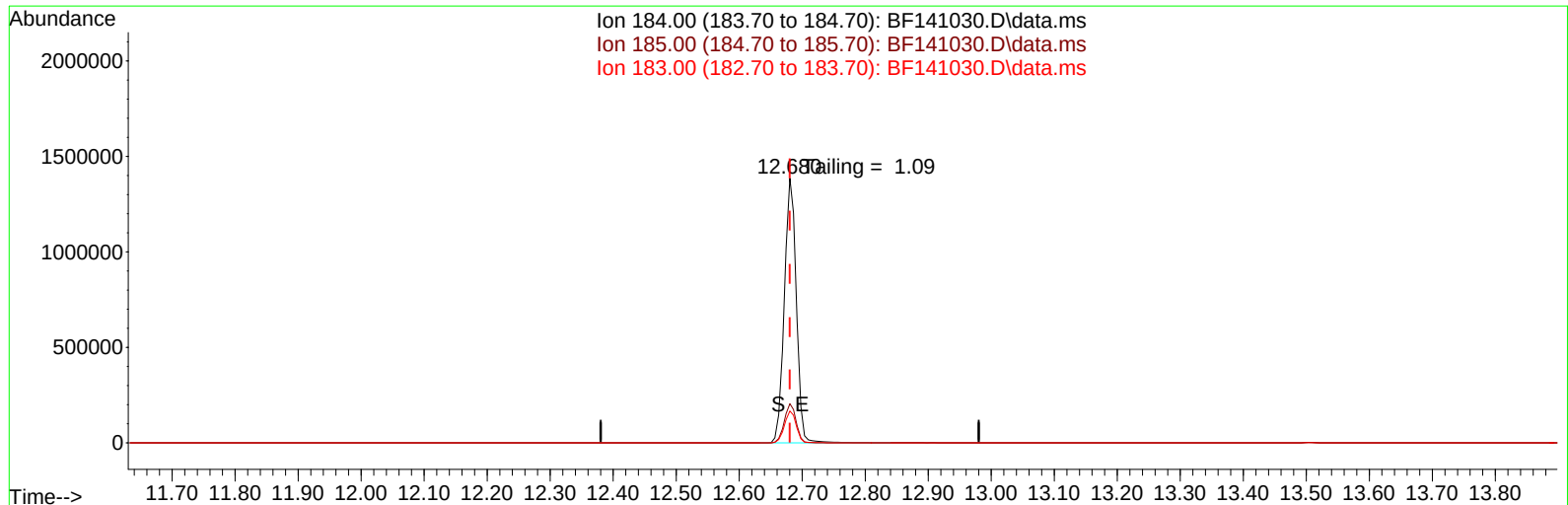
response 379636

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.75
264.00	62.80	63.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141030.D
Acq On : 30 Dec 2024 14:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 30 15:22:24 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: BF141030.D\data.ms

(77) Benzidine

12.680min (-0.000) 126224.53 ng

response 1846000

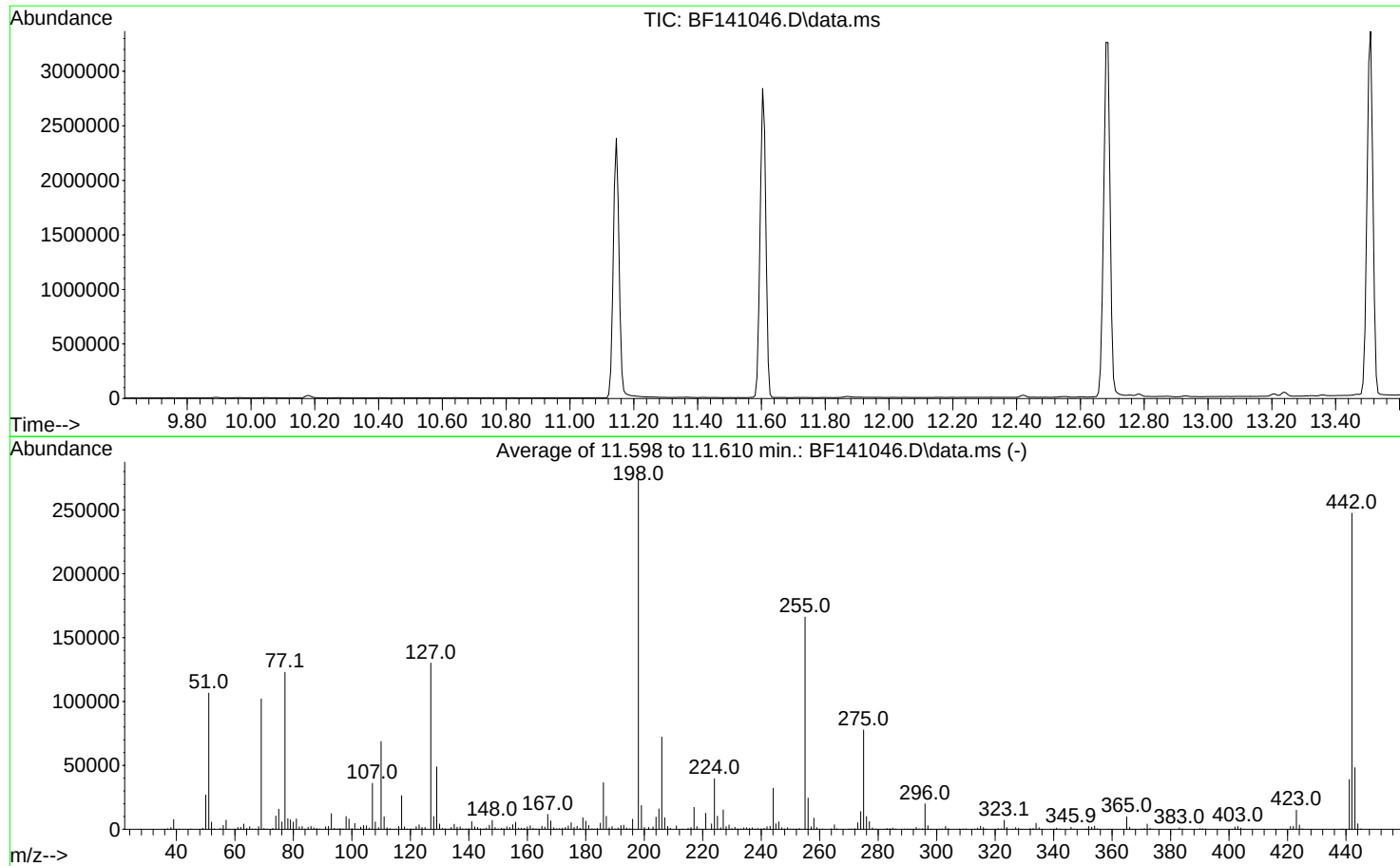
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.80
183.00	11.70	12.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141046.D
Acq On : 31 Dec 2024 09:24
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	38.9	106613	PASS
68	69	0.00	2	2.0	2008	PASS
69	198	0.00	100	37.3	102035	PASS
70	69	0.00	2	0.6	571	PASS
127	198	10	80	47.5	130099	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	273728	PASS
199	198	5	9	6.8	18630	PASS
275	198	10	60	28.4	77821	PASS
365	198	1	100	3.6	9770	PASS
441	198	0.01	100	14.2	38936	PASS
442	442	50	100	100.0	247424	PASS
443	442	15	24	19.5	48189	PASS

DDT Breakdown

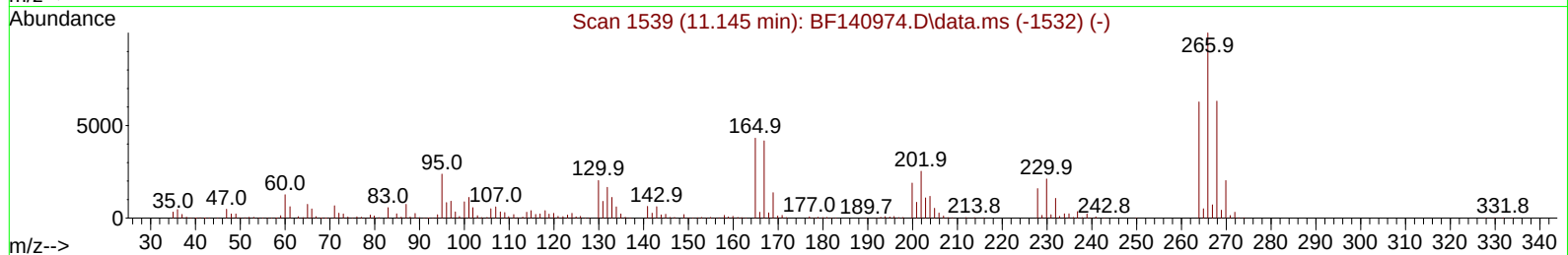
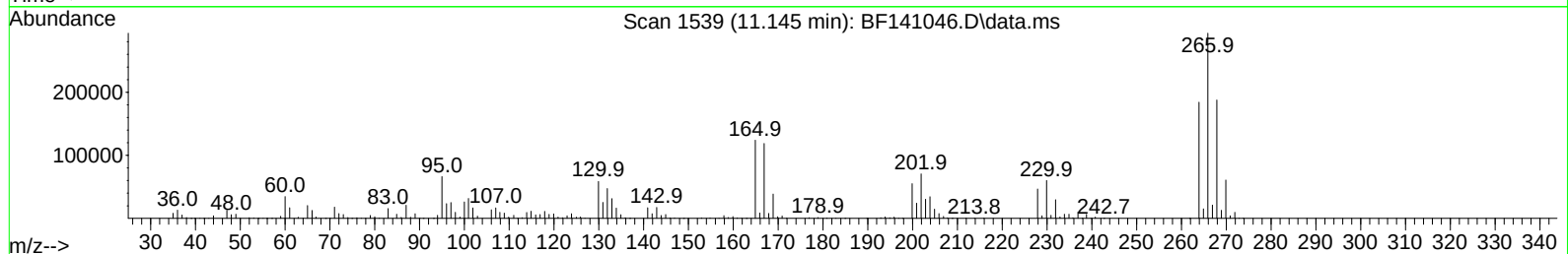
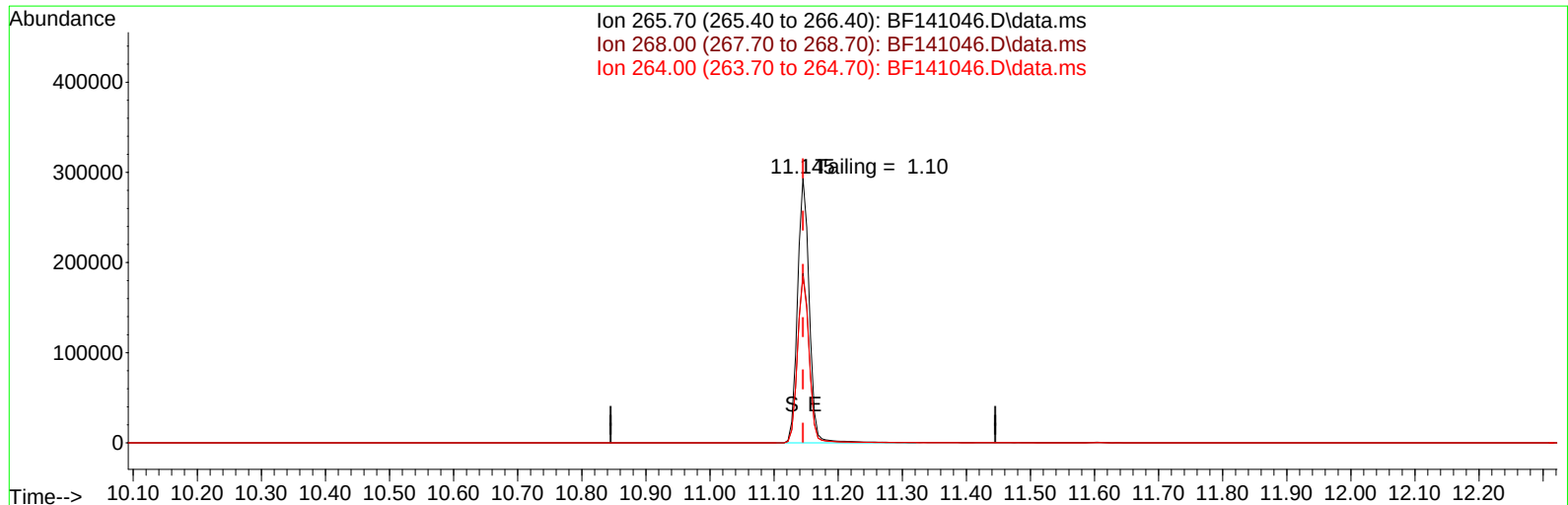
Date	Instrument Name	DFTPP Data File
12/31/2024	BNA_F	<u>BF141046.D</u>
Compound Name	Response	Retention Time
DDT	862159	13.51
DDD	13357	13.239
DDE	935	12.874
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
14292	876451	1.63

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141046.D
Acq On : 31 Dec 2024 09:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 31 10:36:33 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



TIC: BF141046.D\data.ms

(70) Pentachlorophenol (C)

11.145min (+ 0.000) 35586.54 ng

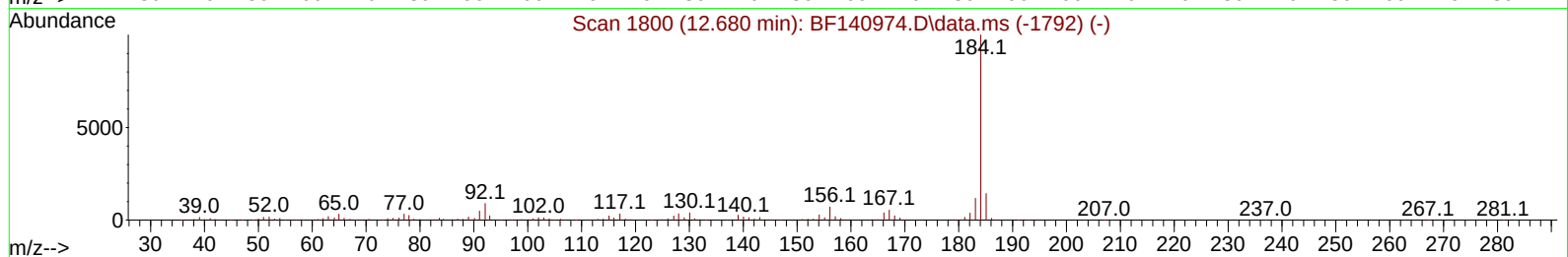
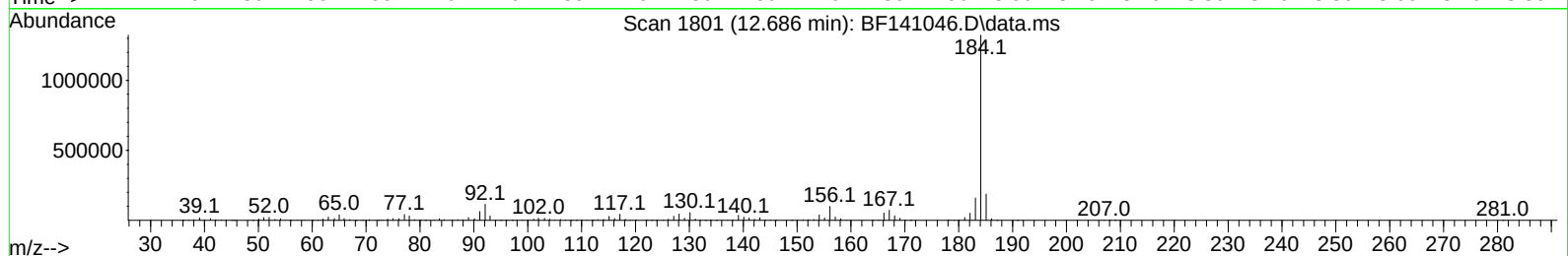
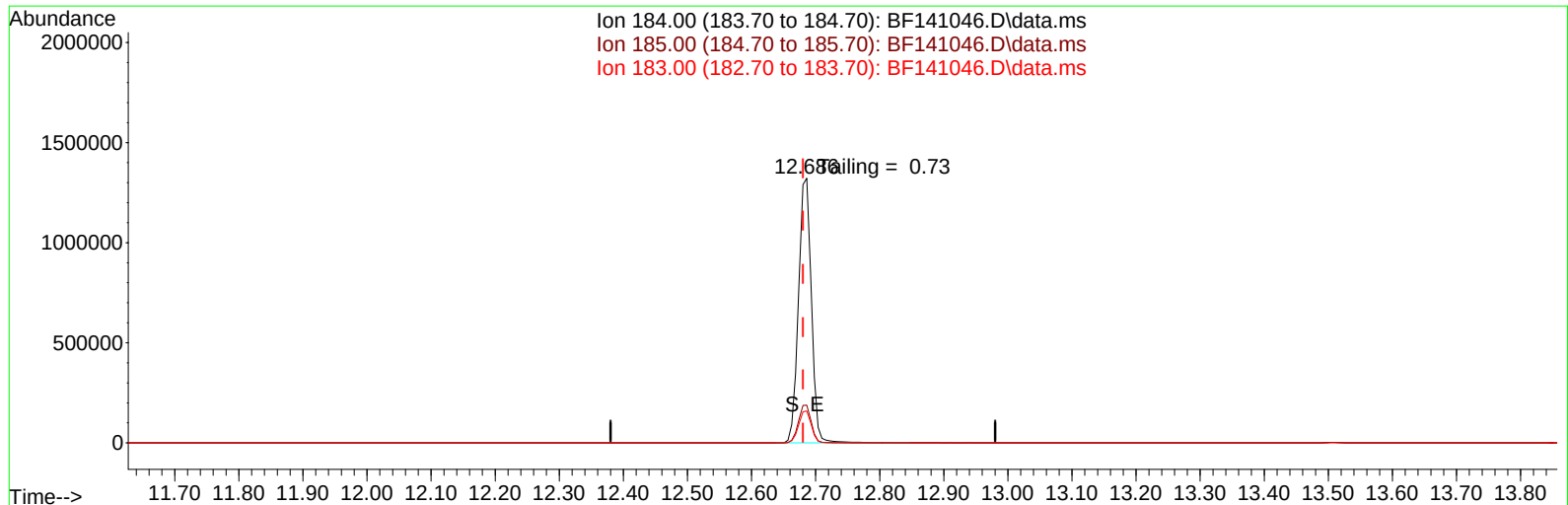
response 377139

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.90
264.00	62.80	62.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141046.D
Acq On : 31 Dec 2024 09:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 31 10:36:33 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



TIC: BF141046.D\data.ms

(77) Benzidine

12.686min (+ 0.006) 81977.79 ng

response 1855528

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.27
183.00	11.70	12.07
0.00	0.00	0.00

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	
Client Sample ID:	PB165894BL	SDG No.:	P5362
Lab Sample ID:	PB165894BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141020.D	1	12/27/24 10:25	12/30/24 09:50	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		10 - 139	85%	SPK: 150
13127-88-3	Phenol-d6	124		10 - 134	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	102		49 - 133	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.7		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		44 - 137	97%	SPK: 150
1718-51-0	Terphenyl-d14	85.7		48 - 125	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	295000	6.828			
1146-65-2	Naphthalene-d8	1180000	8.11			
15067-26-2	Acenaphthene-d10	637000	9.863			
1517-22-2	Phenanthrene-d10	1090000	11.345			
1719-03-5	Chrysene-d12	806000	13.986			
1520-96-3	Perylene-d12	644000	15.451			

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	
Client Sample ID:	PB165894BL	SDG No.:	P5362
Lab Sample ID:	PB165894BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141020.D	1	12/27/24 10:25	12/30/24 09:50	PB165894

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\BF123024\
Data File : BF141020.D
Acq On : 30 Dec 2024 09:50
Operator : RC/JU
Sample : PB165894BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165894BL

Quant Time: Dec 30 10:24:26 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	294590	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1177092	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	636803	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1094330	20.000	ng	0.00
76) Chrysene-d12	13.986	240	805864	20.000	ng	0.00
86) Perylene-d12	15.451	264	643549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2488568	127.337	ng	0.02
7) Phenol-d6	6.451	99	3115295	123.741	ng	0.00
23) Nitrobenzene-d5	7.392	82	1884047	102.403	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	896386	144.862	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3546688	88.736	ng	0.00
79) Terphenyl-d14	12.939	244	4155845	85.658	ng	0.00

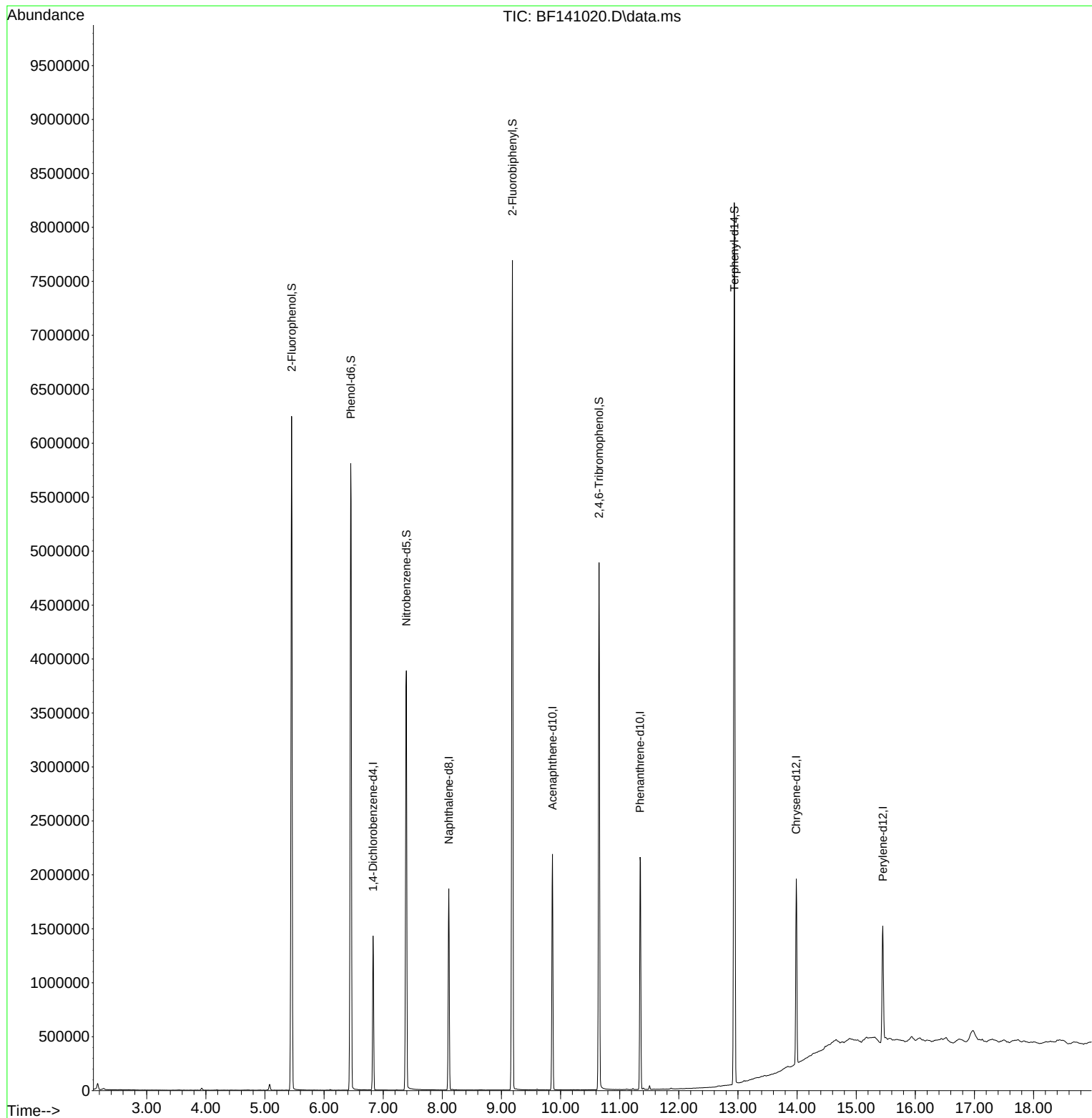
Target Compounds	Qvalue

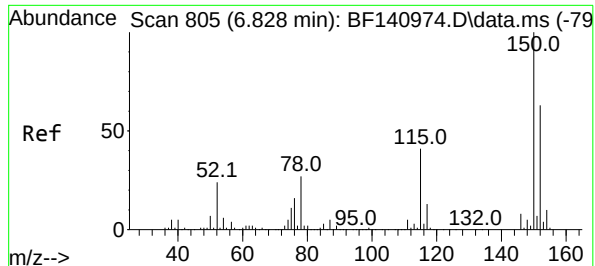
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141020.D
Acq On : 30 Dec 2024 09:50
Operator : RC/JU
Sample : PB165894BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165894BL

Quant Time: Dec 30 10:24:26 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

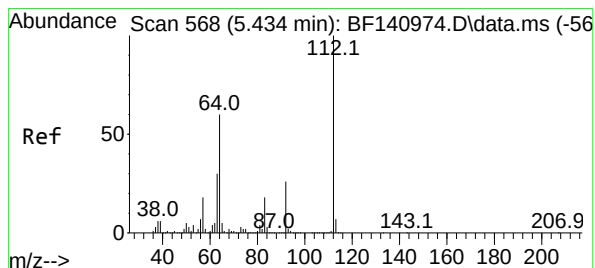
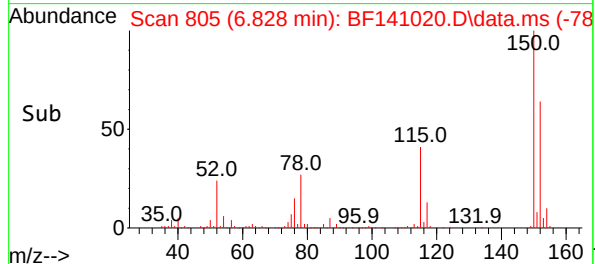
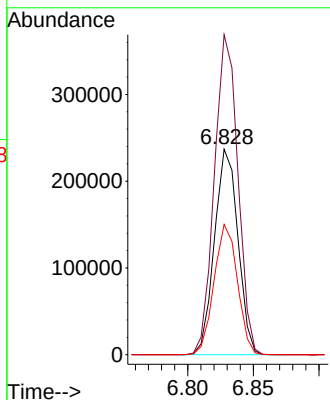
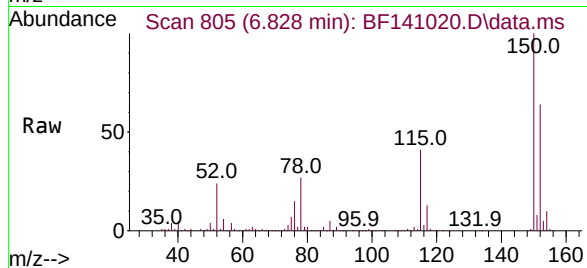




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

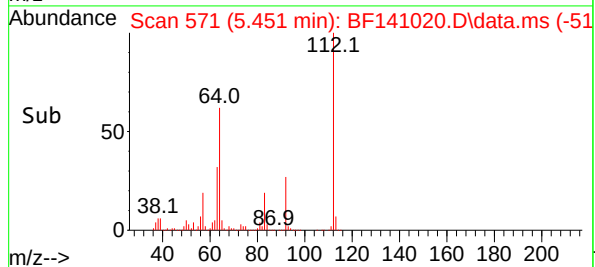
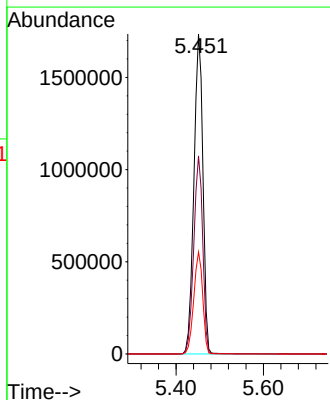
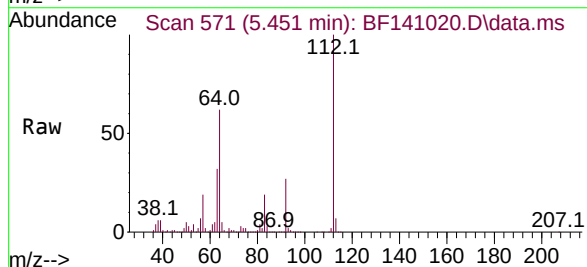
Instrument :
BNA_F
ClientSampleId :
PB165894BL

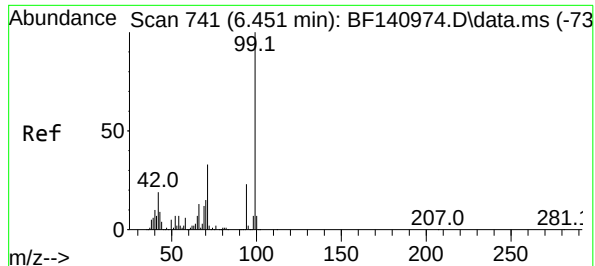
Tgt Ion:152 Resp: 294590
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 63.4 51.7 77.5



#5
2-Fluorophenol
Concen: 127.337 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Tgt Ion:112 Resp: 2488568
Ion Ratio Lower Upper
112 100
64 61.9 47.7 71.5
63 31.8 24.2 36.2

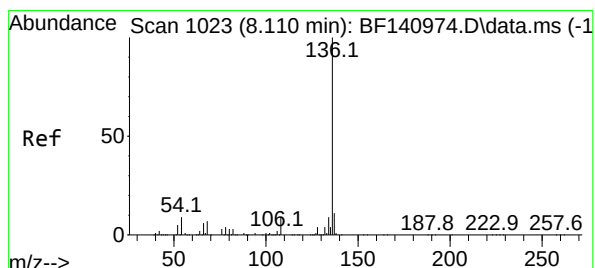
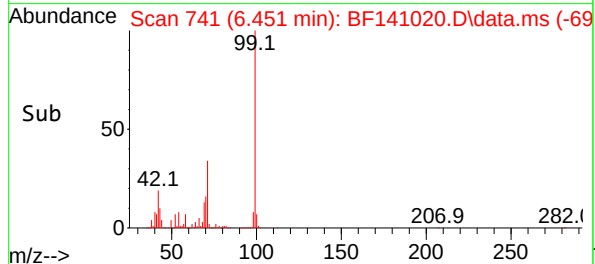
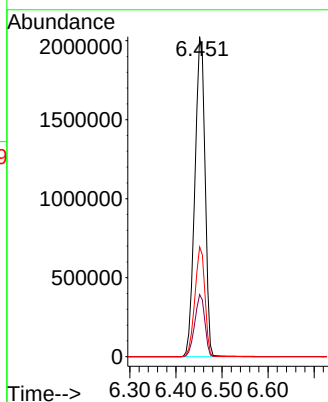
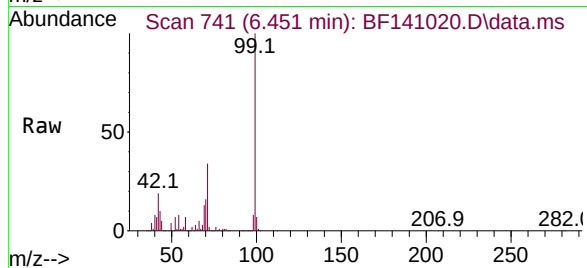




#7
Phenol-d6
Concen: 123.741 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

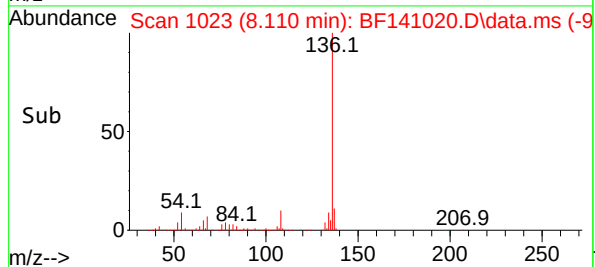
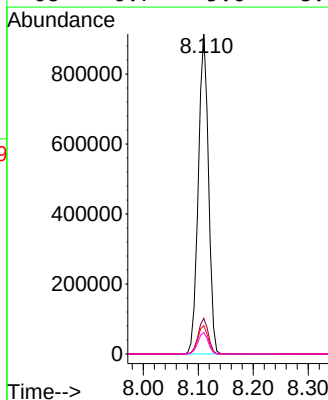
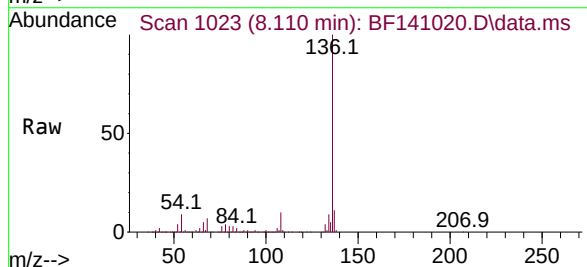
Instrument :
BNA_F
ClientSampleId :
PB165894BL

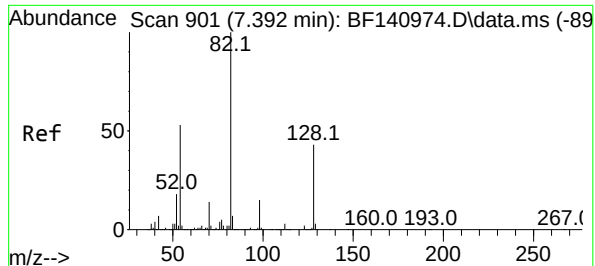
Tgt Ion: 99 Resp: 3115295
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 34.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Tgt Ion: 136 Resp: 1177092
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.8 7.6 11.4
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 102.403 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

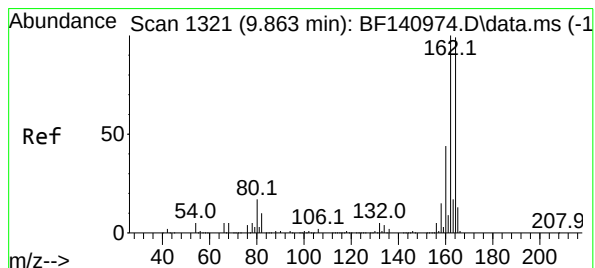
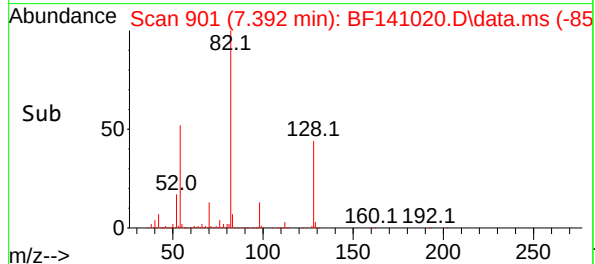
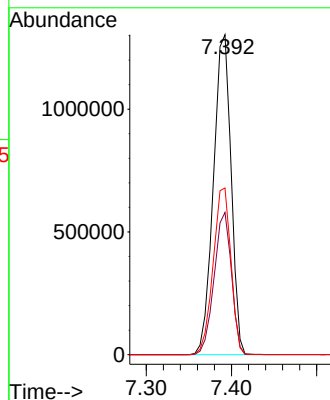
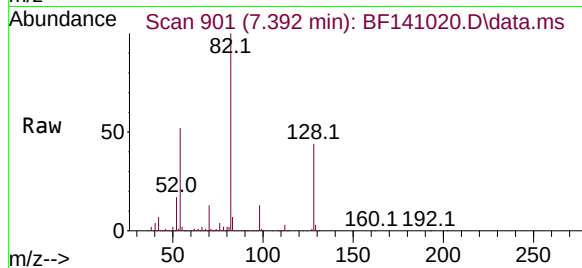
BNA_F

ClientSampleId :

PB165894BL

Tgt Ion: 82 Resp: 1884047

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.4	51.6
54	52.1	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

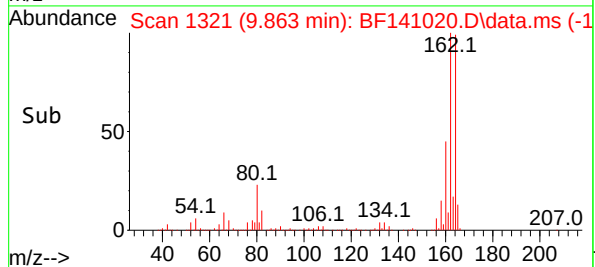
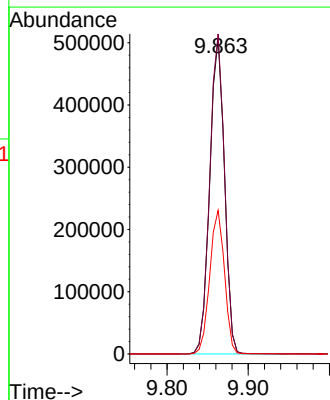
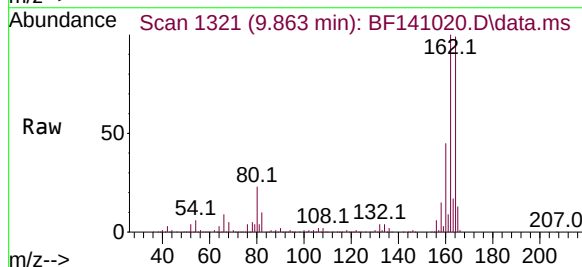
Delta R.T. -0.000 min

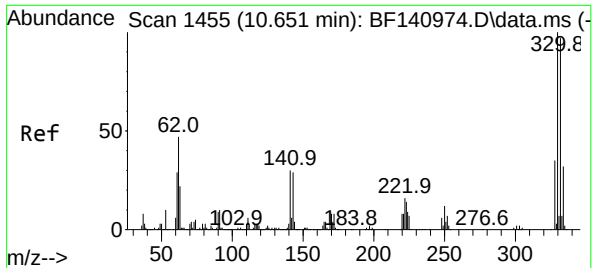
Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Tgt Ion: 164 Resp: 636803

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	45.5	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 144.862 ng

RT: 10.651 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF141020.D

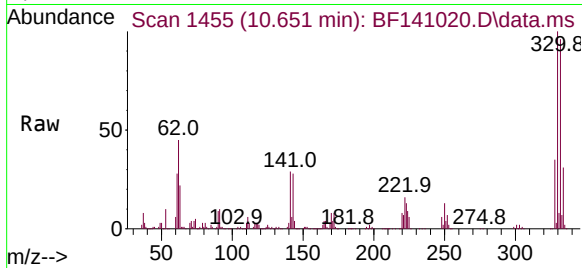
Acq: 30 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165894BL



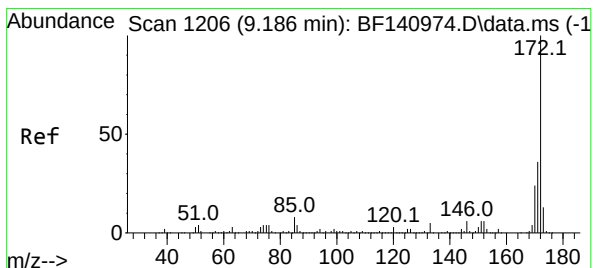
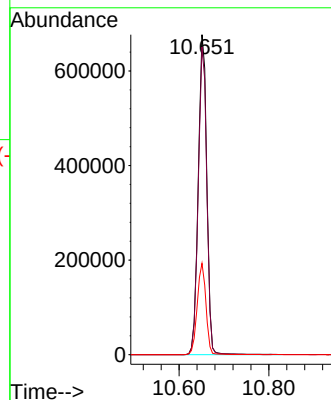
Tgt Ion:330 Resp: 896386

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 29.1 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 88.736 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

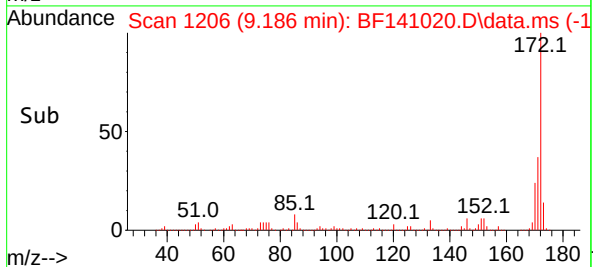
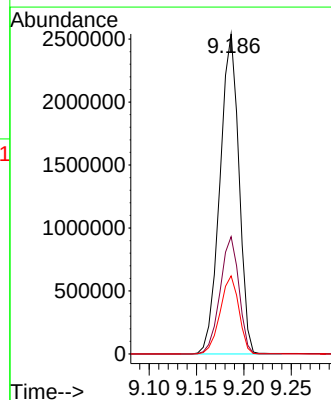
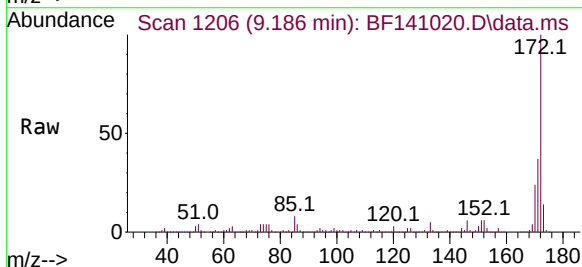
Tgt Ion:172 Resp: 3546688

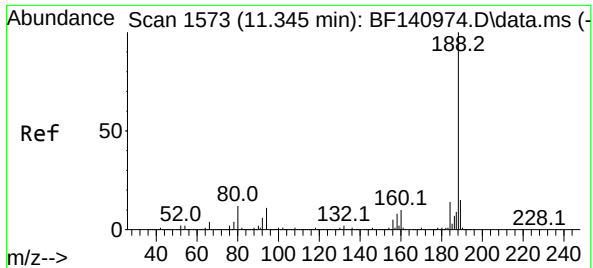
Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 24.4 19.6 29.4

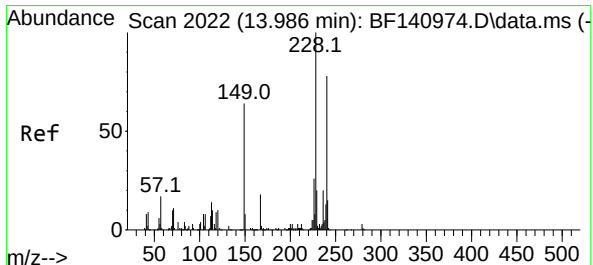
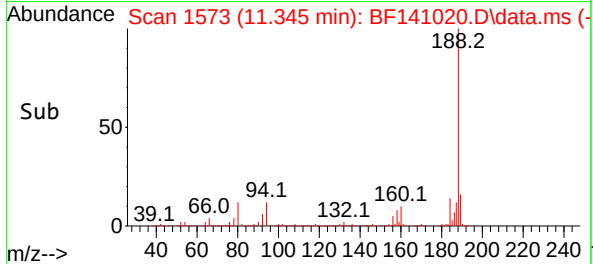
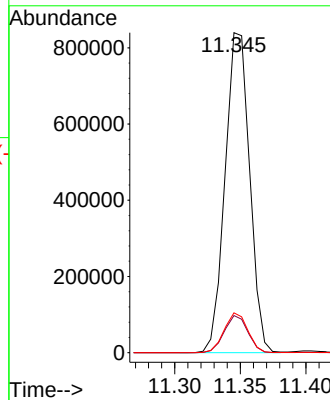
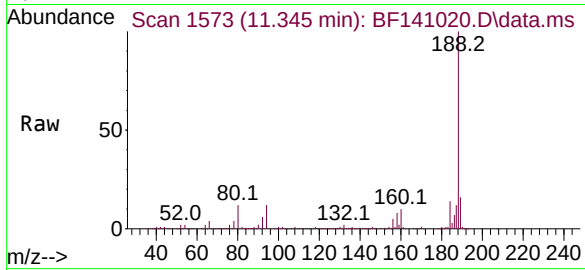




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

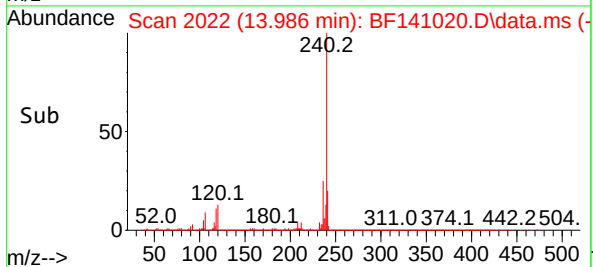
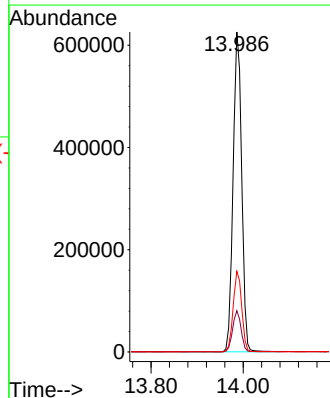
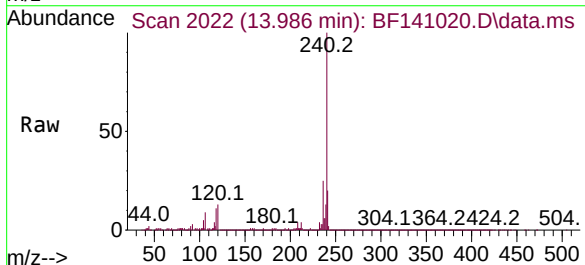
Instrument :
BNA_F
ClientSampleId :
PB165894BL

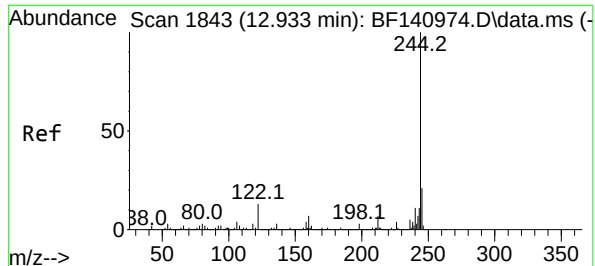
Tgt Ion:188 Resp: 1094330
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.6
80 12.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Tgt Ion:240 Resp: 805864
Ion Ratio Lower Upper
240 100
120 12.9 10.7 16.1
236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 85.658 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165894BL

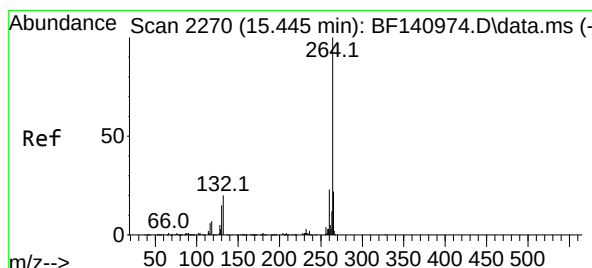
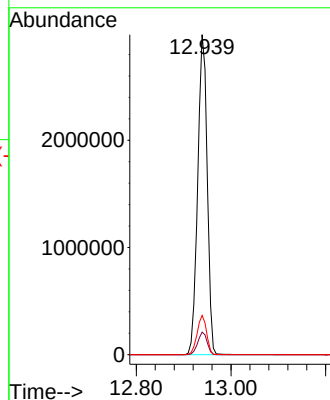
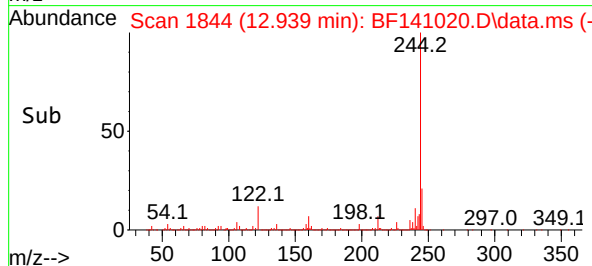
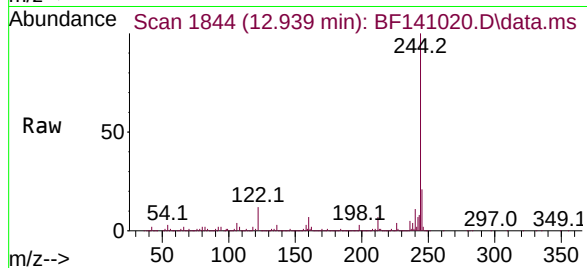
Tgt Ion:244 Resp: 4155845

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.3 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

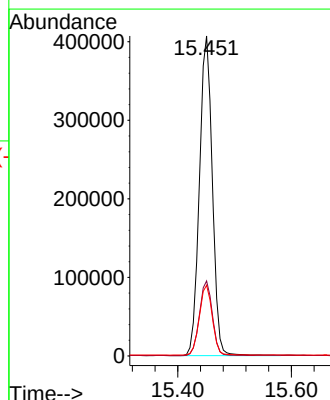
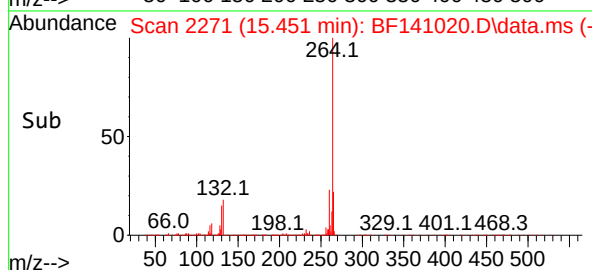
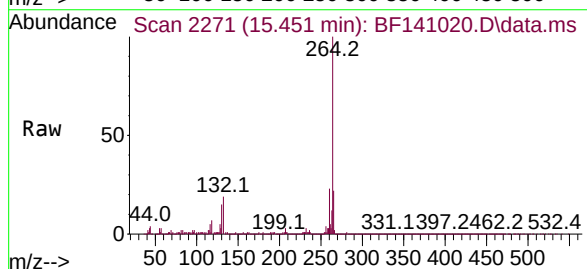
Tgt Ion:264 Resp: 643549

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 17.4 26.2



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	
Client Sample ID:	PB165894BS	SDG No.:	P5362
Lab Sample ID:	PB165894BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141021.D	1	12/27/24 10:25	12/30/24 10:17	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	45.5		1.60	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	47.7		0.84	5.00	ug/L
95-48-7	2-Methylphenol	50.1		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	48.9		1.20	10.0	ug/L
67-72-1	Hexachloroethane	49.2		1.00	5.00	ug/L
98-95-3	Nitrobenzene	51.7		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	48.2		1.30	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	52.9		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	53.4		1.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	55.4		1.50	5.00	ug/L
118-74-1	Hexachlorobenzene	54.3		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.90	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	133		10 - 134	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	109		49 - 133	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.8		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		44 - 137	105%	SPK: 150
1718-51-0	Terphenyl-d14	106		48 - 125	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	265000		6.834		
1146-65-2	Naphthalene-d8	1060000		8.116		
15067-26-2	Acenaphthene-d10	564000		9.863		
1517-22-2	Phenanthrene-d10	911000		11.351		
1719-03-5	Chrysene-d12	525000		13.992		
1520-96-3	Perylene-d12	559000		15.457		

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	
Client Sample ID:	PB165894BS	SDG No.:	P5362
Lab Sample ID:	PB165894BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141021.D	1	12/27/24 10:25	12/30/24 10:17	PB165894

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\BF123024\
 Data File : BF141021.D
 Acq On : 30 Dec 2024 10:17
 Operator : RC/JU
 Sample : PB165894BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165894BS

Quant Time: Dec 30 10:59:59 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	6.834	152	265480	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1062209	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	563633	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	910683	20.000	ng	0.00
76) Chrysene-d12	13.992	240	524973	20.000	ng	0.00
86) Perylene-d12	15.457	264	559032	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2355204	133.727	ng	0.02
7) Phenol-d6	6.457	99	3010633	132.697	ng	0.00
23) Nitrobenzene-d5	7.392	82	1806013	108.778	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	863281	157.623	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3354071	94.811	ng	0.00
79) Terphenyl-d14	12.939	244	3356168	106.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	327211	41.037	ng	99
3) Pyridine	3.404	79	885715	45.454	ng	100
4) n-Nitrosodimethylamine	3.352	42	471291	47.735	ng	100
6) Aniline	6.492	93	1044494	51.619	ng	99
8) 2-Chlorophenol	6.616	128	958604	51.625	ng	97
9) Benzaldehyde	6.381	77	175984	9.571	ng	97
10) Phenol	6.475	94	1195100	50.942	ng	93
11) bis(2-Chloroethyl)ether	6.569	93	908900	47.982	ng	98
12) 1,3-Dichlorobenzene	6.769	146	972113	47.438	ng	99
13) 1,4-Dichlorobenzene	6.851	146	986338	47.746	ng	99
14) 1,2-Dichlorobenzene	6.998	146	945408	49.084	ng	99
15) Benzyl Alcohol	6.969	79	831212	50.983	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1438685	50.222	ng	99
17) 2-Methylphenol	7.081	107	772182	50.056	ng	99
18) Hexachloroethane	7.345	117	360723	49.155	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	679575	48.892	ng	99
20) 3+4-Methylphenols	7.234	107	954601	48.900	ng	# 89
22) Acetophenone	7.240	105	1250805	48.002	ng	96
24) Nitrobenzene	7.410	77	959427	51.716	ng	99
25) Isophorone	7.651	82	1827974	50.597	ng	99
26) 2-Nitrophenol	7.728	139	413463	53.678	ng	100
27) 2,4-Dimethylphenol	7.763	122	773942	58.615	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1123896	49.099	ng	100
29) 2,4-Dichlorophenol	7.969	162	759912	50.745	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	802320	47.336	ng	99
31) Naphthalene	8.134	128	2679451	47.871	ng	100
32) Benzoic acid	7.881	122	530675	48.704	ng	97
33) 4-Chloroaniline	8.181	127	532305	26.288	ng	98
34) Hexachlorobutadiene	8.251	225	481762	48.214	ng	99
35) Caprolactam	8.545	113	253782m	49.850	ng	
36) 4-Chloro-3-methylphenol	8.657	107	821594	49.402	ng	98
37) 2-Methylnaphthalene	8.822	142	1764256	49.271	ng	99
38) 1-Methylnaphthalene	8.922	142	1649595	46.876	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	771312	49.742	ng	99
41) Hexachlorocyclopentadiene	8.981	237	946981	184.288	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	545815	52.888	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141021.D
 Acq On : 30 Dec 2024 10:17
 Operator : RC/JU
 Sample : PB165894BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165894BS

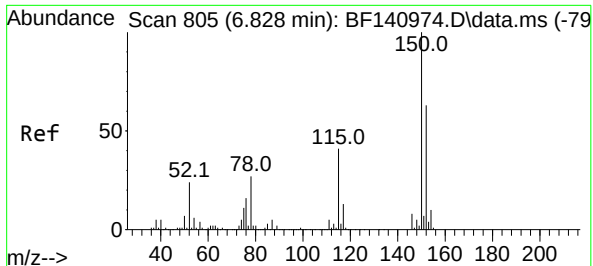
Quant Time: Dec 30 10:59:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	563885	53.400	ng	98
46) 1,1'-Biphenyl	9.286	154	2142081	49.635	ng	100
47) 2-Chloronaphthalene	9.310	162	1614810	48.245	ng	100
48) 2-Nitroaniline	9.404	65	482653	54.432	ng	96
49) Acenaphthylene	9.728	152	2490576	51.689	ng	100
50) Dimethylphthalate	9.592	163	1889611	50.969	ng	100
51) 2,6-Dinitrotoluene	9.651	165	392834	51.656	ng	97
52) Acenaphthene	9.898	154	1758675	53.990	ng	100
53) 3-Nitroaniline	9.816	138	270023	33.872	ng	# 95
54) 2,4-Dinitrophenol	9.928	184	332519	99.313	ng	# 1
55) Dibenzofuran	10.075	168	2251400	49.180	ng	99
56) 4-Nitrophenol	9.975	139	709465	111.872	ng	95
57) 2,4-Dinitrotoluene	10.051	165	519335	55.370	ng	99
58) Fluorene	10.416	166	1728750	48.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	489241	55.943	ng	97
60) Diethylphthalate	10.292	149	1815649	49.607	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	844190	49.422	ng	97
62) 4-Nitroaniline	10.428	138	409804	49.758	ng	96
63) Azobenzene	10.569	77	1896588	49.369	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	227800	59.869	ng	94
66) n-Nitrosodiphenylamine	10.528	169	1568332	54.689	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	550440	55.913	ng	97
68) Hexachlorobenzene	10.963	284	589836	54.336	ng	100
69) Atrazine	11.051	200	522116	65.171	ng	100
70) Pentachlorophenol	11.157	266	716690	106.042	ng	100
71) Phenanthrene	11.375	178	2529378	52.772	ng	99
72) Anthracene	11.427	178	2568255	54.684	ng	100
73) Carbazole	11.580	167	2246352	49.754	ng	100
74) Di-n-butylphthalate	11.916	149	2619214	51.005	ng	100
75) Fluoranthene	12.563	202	2425427	46.658	ng	100
77) Benzidine	12.680	184	672047	60.573	ng	99
78) Pyrene	12.792	202	2453948	53.448	ng	100
80) Butylbenzylphthalate	13.416	149	869442	51.860	ng	99
81) Benzo(a)anthracene	13.980	228	1748285	47.784	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	398466	36.249	ng	99
83) Chrysene	14.016	228	1664973	50.481	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1043963	48.005	ng	100
85) Di-n-octyl phthalate	14.598	149	1711465	54.375	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	2187757	62.116	ng	98
88) Benzo(b)fluoranthene	15.033	252	1842176	47.248	ng	100
89) Benzo(k)fluoranthene	15.063	252	1466521	47.991	ng	100
90) Benzo(a)pyrene	15.398	252	1627162	53.768	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	1742189	61.023	ng	99
92) Benzo(g,h,i)perylene	17.362	276	1691257	57.115	ng	99

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

Instrument :
BNA_F
ClientSampleId :
PB165894BS

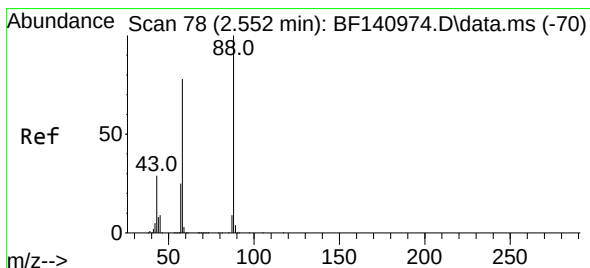
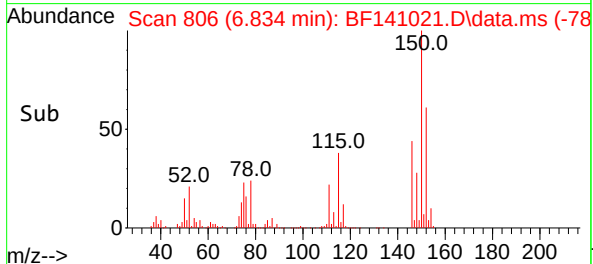
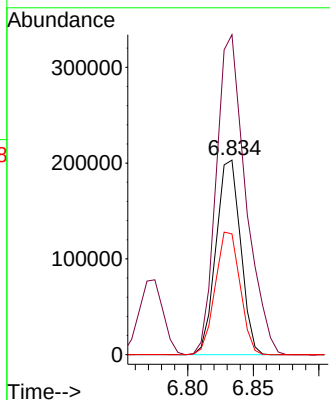
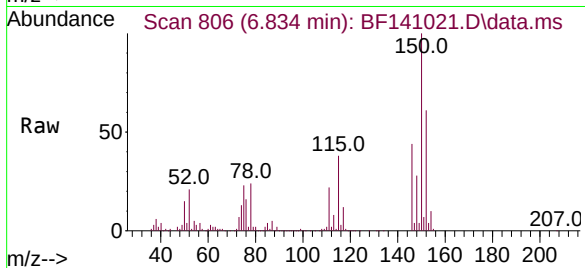
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

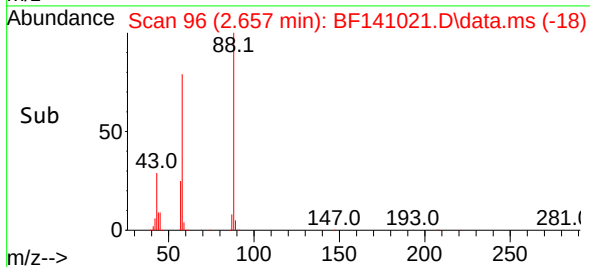
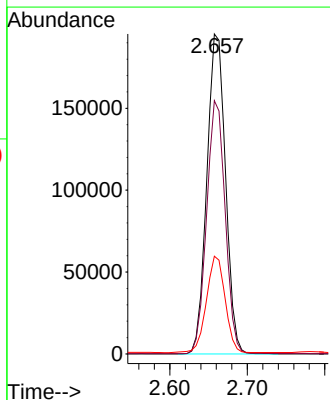
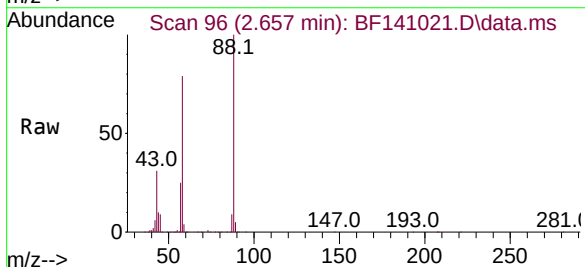
Instrument :
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ClientSampleId :
PB165894BS

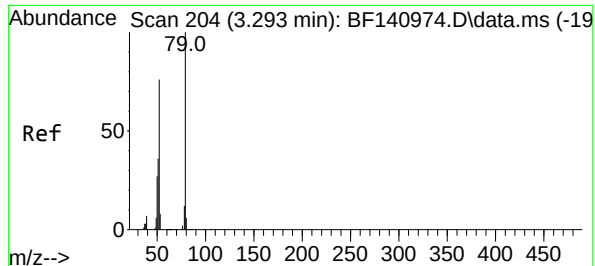
Tgt Ion:152 Resp: 265480
Ion Ratio Lower Upper
152 100
150 164.4 127.0 190.6
115 62.1 51.7 77.5



#2
1,4-Dioxane
Concen: 41.037 ng
RT: 2.657 min Scan# 96
Delta R.T. 0.106 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 88 Resp: 327211
Ion Ratio Lower Upper
88 100
58 78.4 63.0 94.4
43 30.2 23.4 35.2





#3

Pyridine

Concen: 45.454 ng

RT: 3.404 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

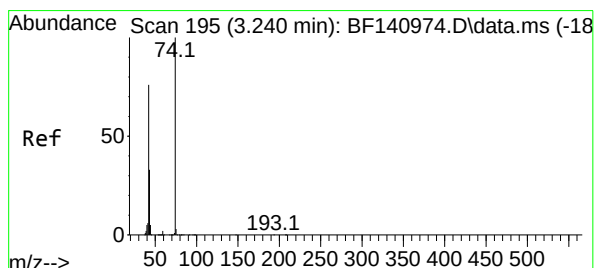
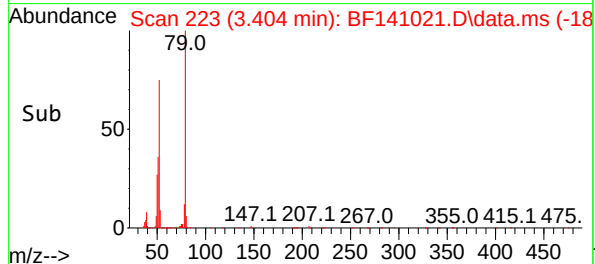
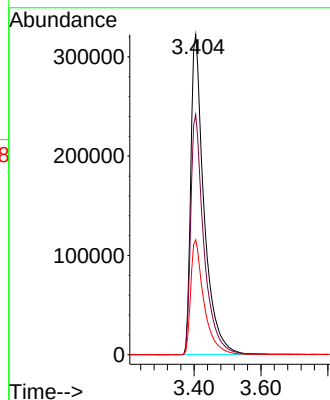
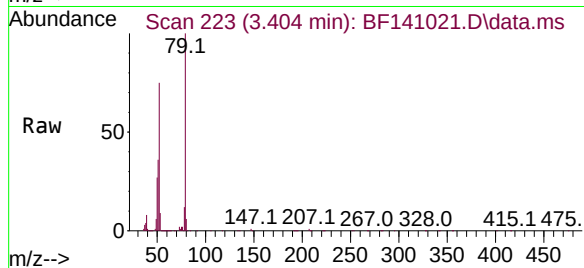
Tgt Ion: 79 Resp: 885715

Ion Ratio Lower Upper

79 100

52 75.0 60.4 90.6

51 35.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 47.735 ng

RT: 3.352 min Scan# 214

Delta R.T. 0.112 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

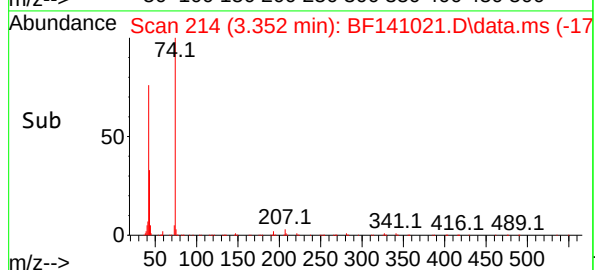
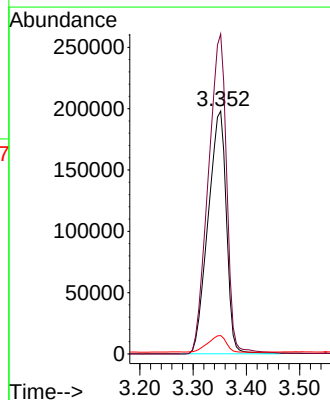
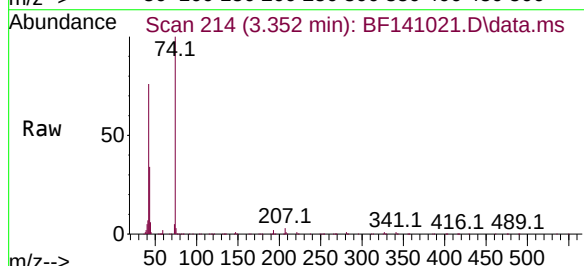
Tgt Ion: 42 Resp: 471291

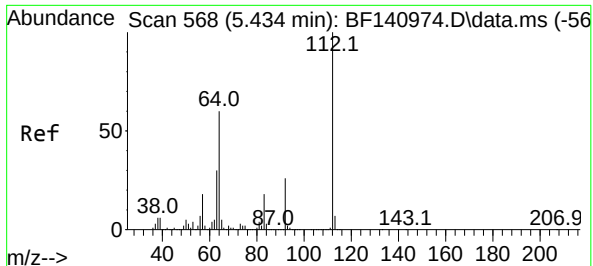
Ion Ratio Lower Upper

42 100

74 131.7 105.8 158.6

44 7.6 6.6 10.0

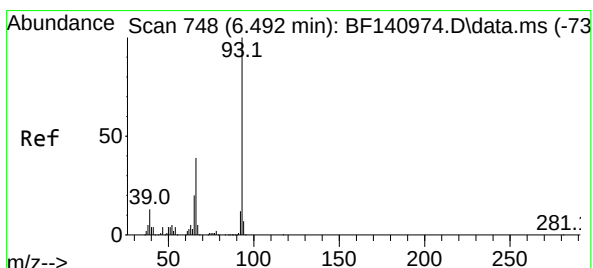
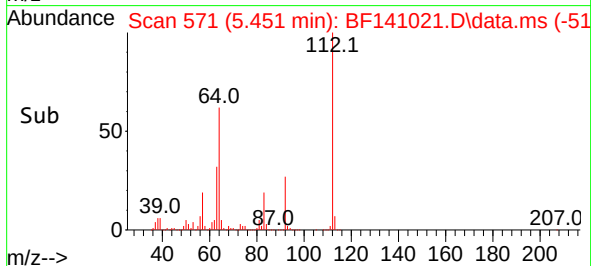
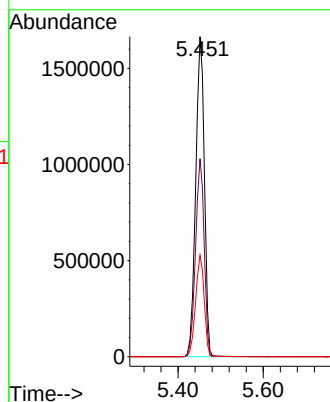
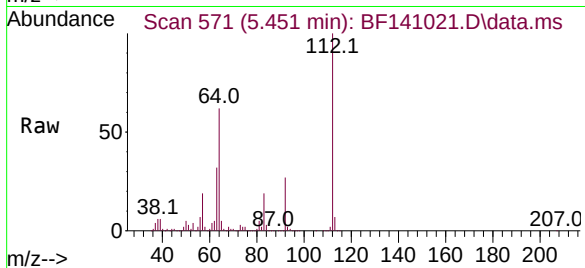




#5
2-Fluorophenol
Concen: 133.727 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

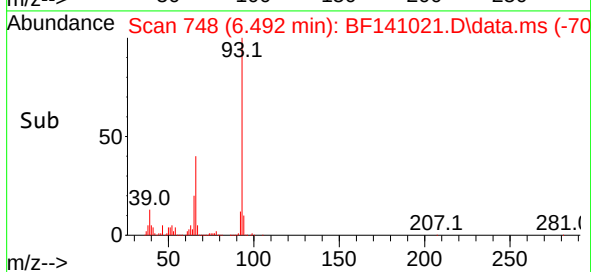
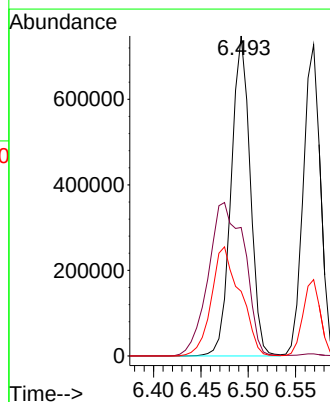
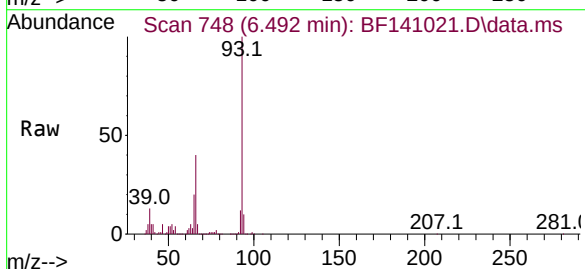
Instrument :
BNA_F
ClientSampleId :
PB165894BS

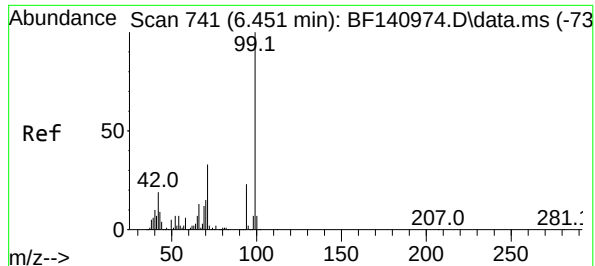
Tgt Ion:112 Resp: 2355204
Ion Ratio Lower Upper
112 100
64 61.9 47.7 71.5
63 31.6 24.2 36.2



#6
Aniline
Concen: 51.619 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 93 Resp: 1044494
Ion Ratio Lower Upper
93 100
66 40.1 31.8 47.8
65 20.2 15.4 23.0

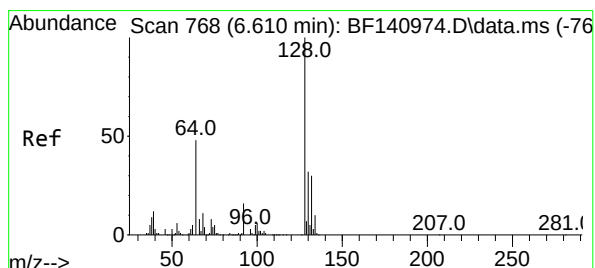
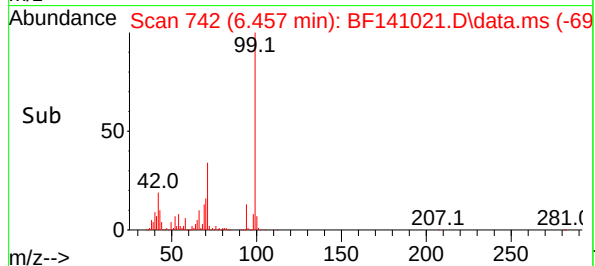
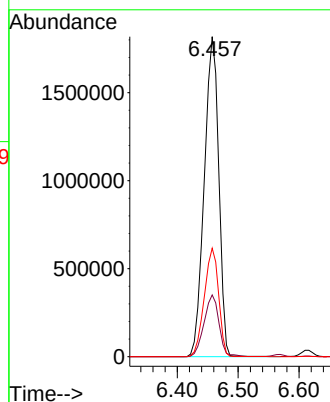
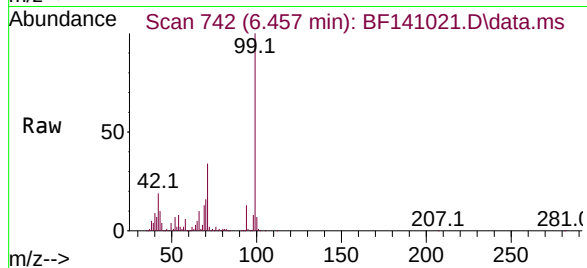




#7
Phenol-d6
Concen: 132.697 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

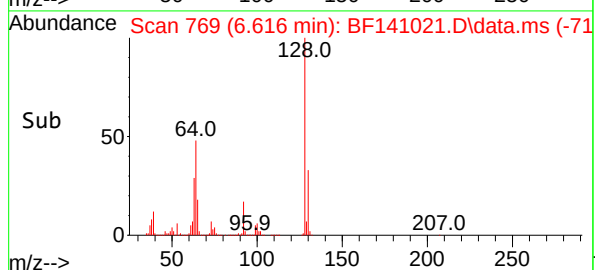
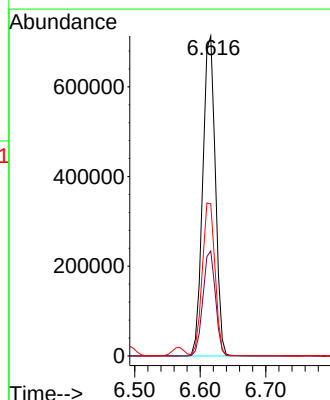
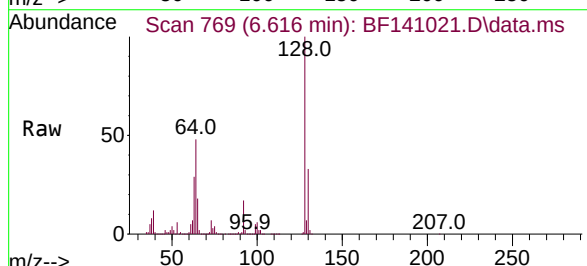
Instrument :
BNA_F
ClientSampleId :
PB165894BS

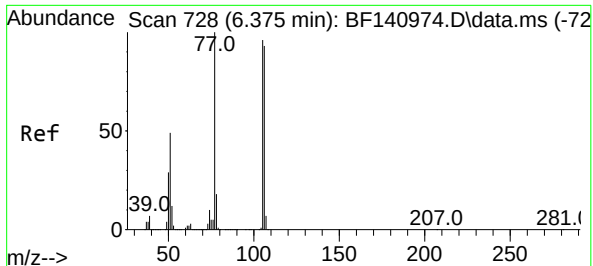
Tgt Ion: 99 Resp: 3010633
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 33.9 26.2 39.2



#8
2-Chlorophenol
Concen: 51.625 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 128 Resp: 958604
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 47.5 30.3 70.3





#9

Benzaldehyde

Concen: 9.571 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

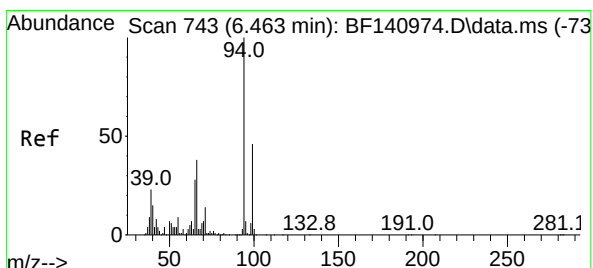
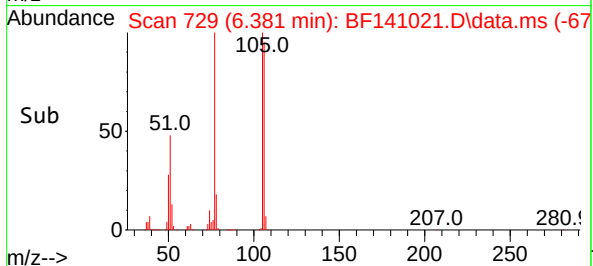
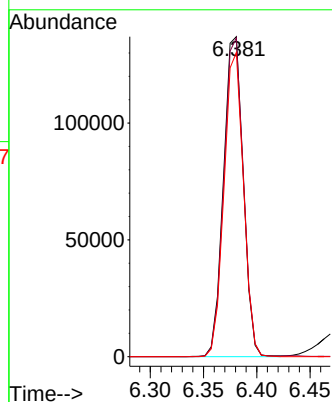
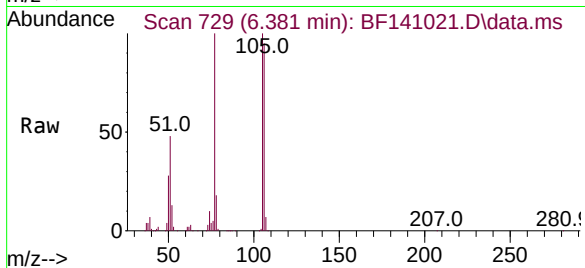
BNA_F

ClientSampleId :

PB165894BS

Tgt Ion: 77 Resp: 175984

Ion	Ratio	Lower	Upper
77	100		
105	99.6	76.2	116.2
106	95.1	73.4	113.4



#10

Phenol

Concen: 50.942 ng

RT: 6.475 min Scan# 745

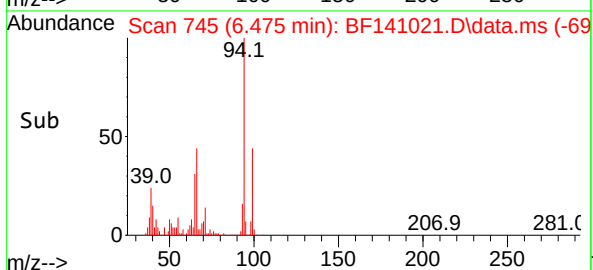
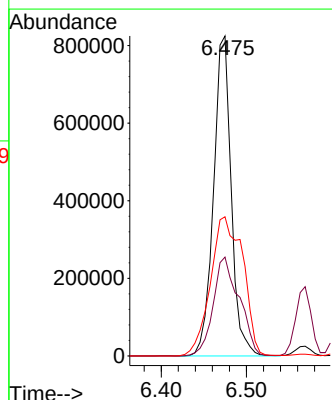
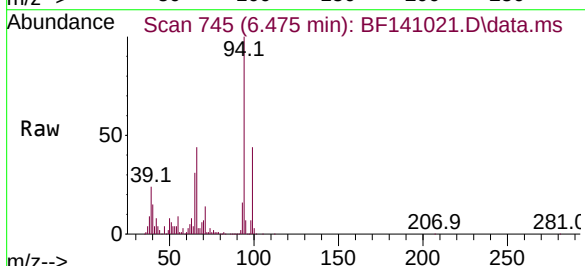
Delta R.T. 0.012 min

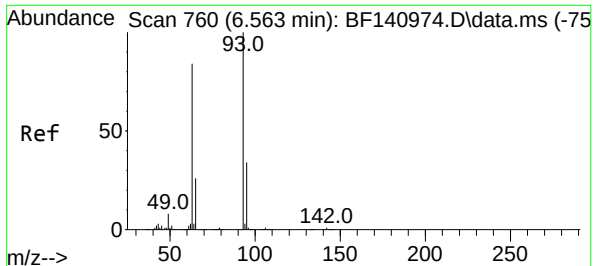
Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Tgt Ion: 94 Resp: 1195100

Ion	Ratio	Lower	Upper
94	100		
65	30.9	8.1	48.1
66	43.5	18.7	58.7





#11

bis(2-Chloroethyl)ether

Concen: 47.982 ng

RT: 6.569 min Scan# 760

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

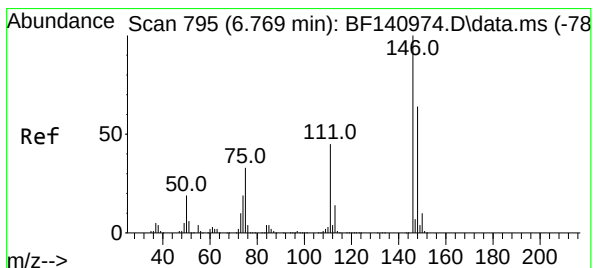
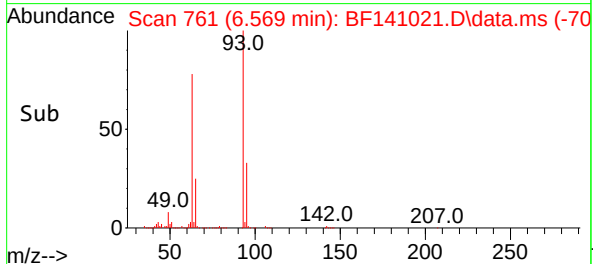
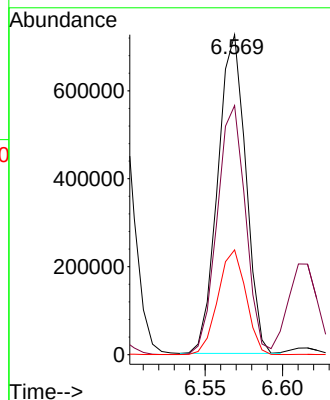
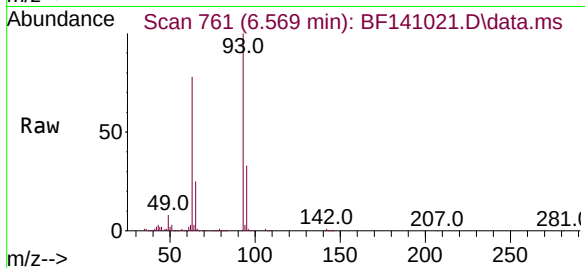
BNA_F

ClientSampleId :

PB165894BS

Tgt Ion: 93 Resp: 908900

Ion	Ratio	Lower	Upper
93	100		
63	77.9	60.3	100.3
95	32.7	12.2	52.2



#12

1,3-Dichlorobenzene

Concen: 47.438 ng

RT: 6.769 min Scan# 795

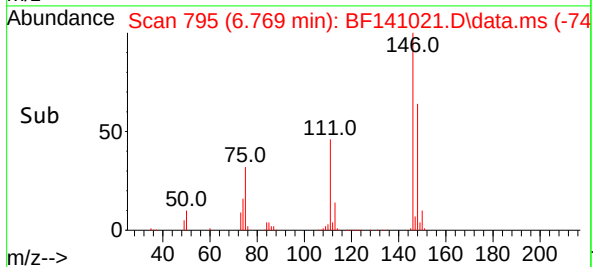
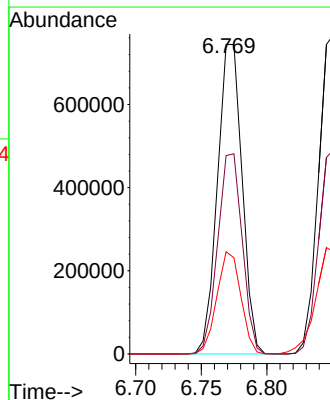
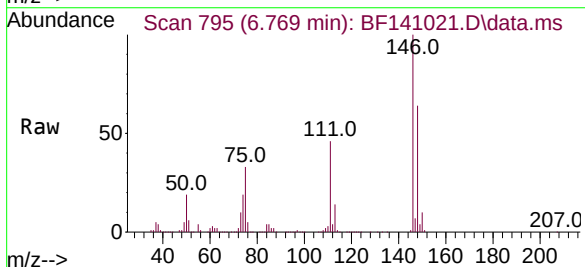
Delta R.T. 0.000 min

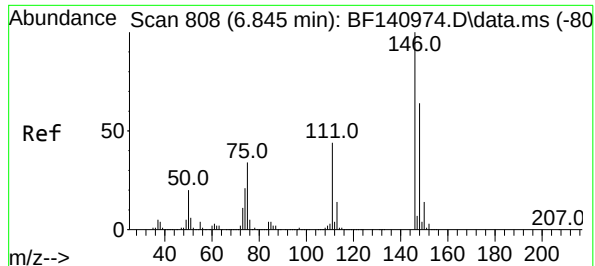
Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Tgt Ion:146 Resp: 972113

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	33.0	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 47.746 ng

RT: 6.851 min Scan# 808

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

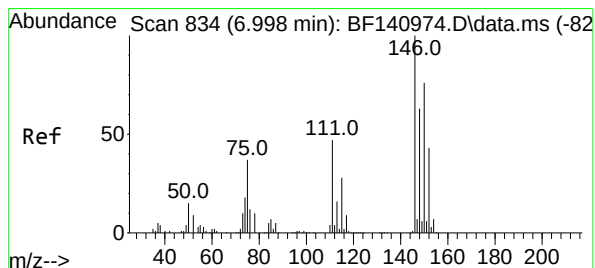
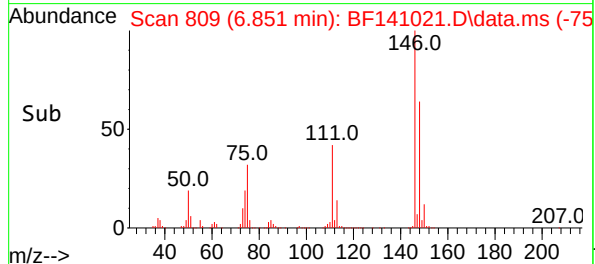
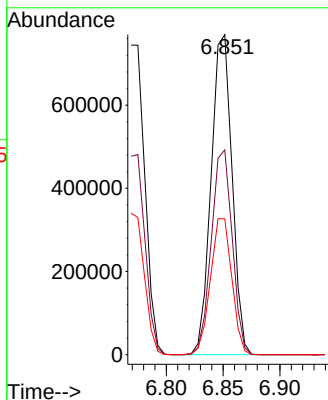
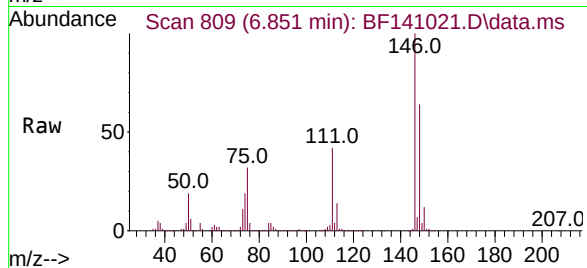
Tgt Ion:146 Resp: 986338

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

111 42.4 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 49.084 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

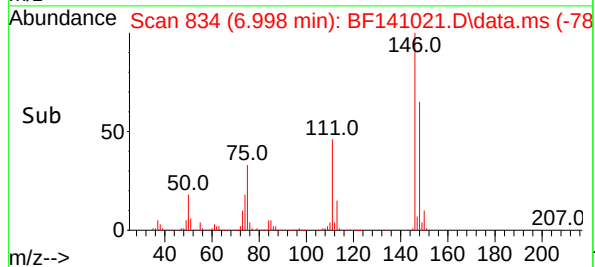
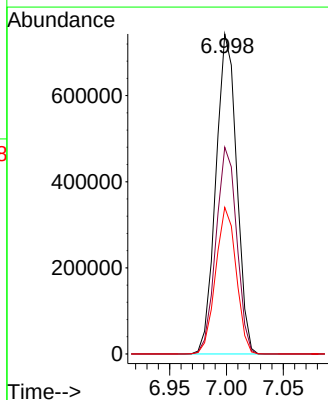
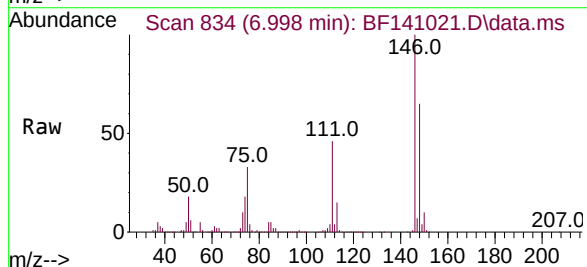
Tgt Ion:146 Resp: 945408

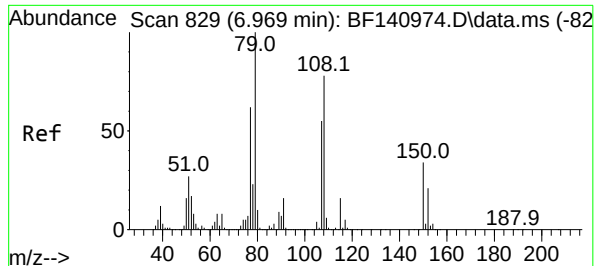
Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

111 45.8 37.3 55.9





#15

Benzyl Alcohol

Concen: 50.983 ng

RT: 6.969 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

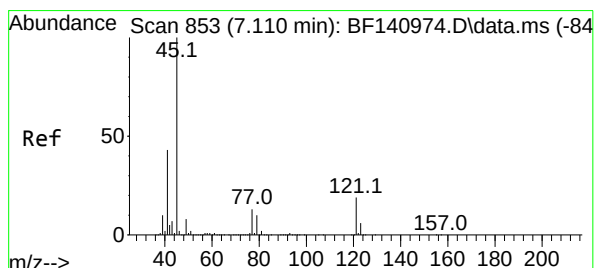
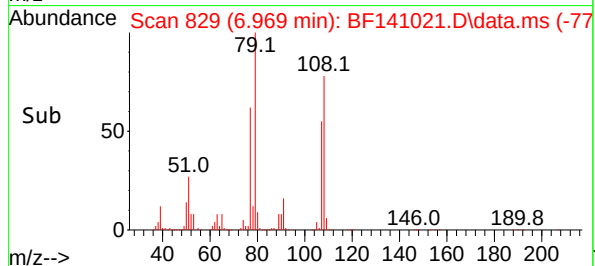
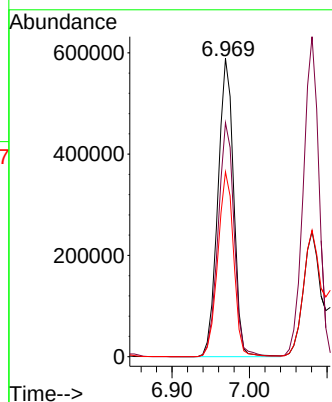
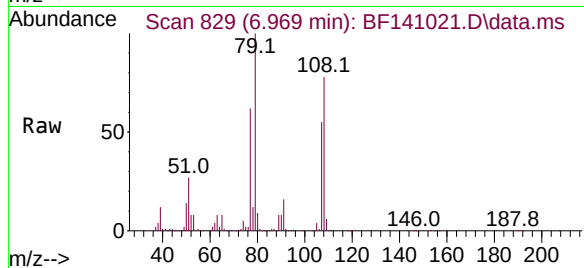
Tgt Ion: 79 Resp: 831212

Ion Ratio Lower Upper

79 100

108 78.4 62.5 93.7

77 62.0 49.3 73.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.222 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

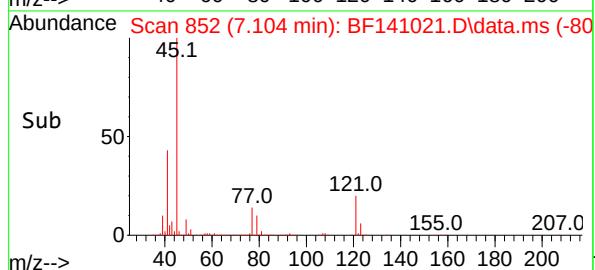
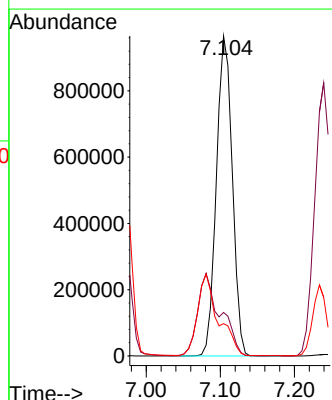
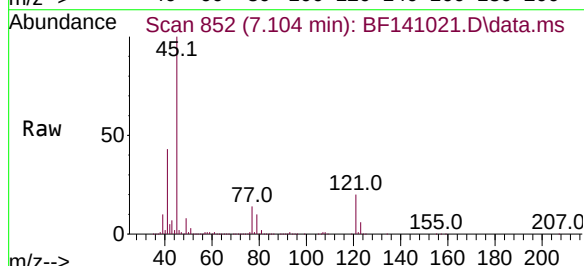
Tgt Ion: 45 Resp: 1438685

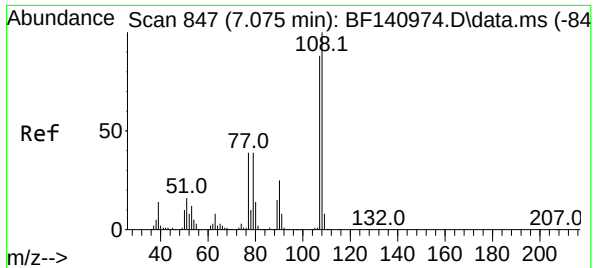
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.1

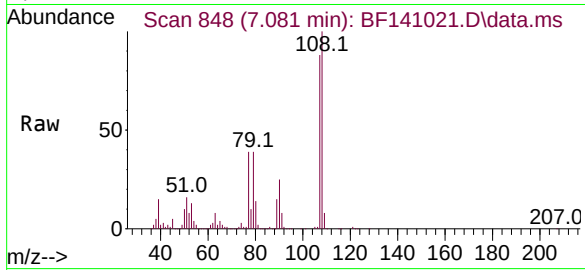
79 10.1 0.0 30.1



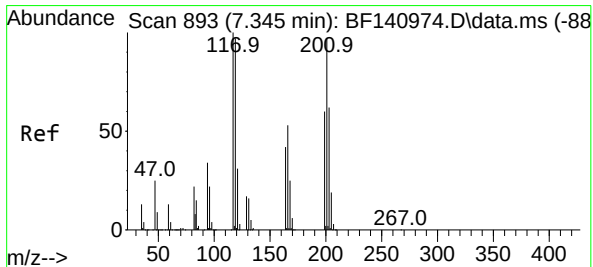
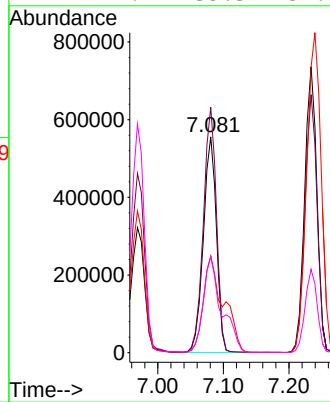
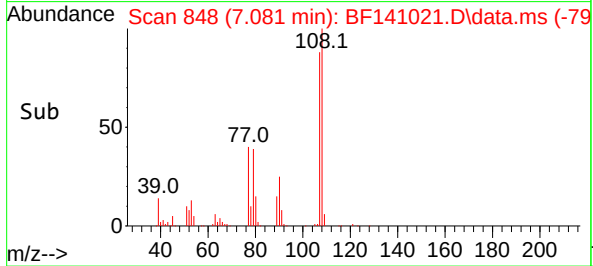


#17
2-Methylphenol
Concen: 50.056 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB165894BS

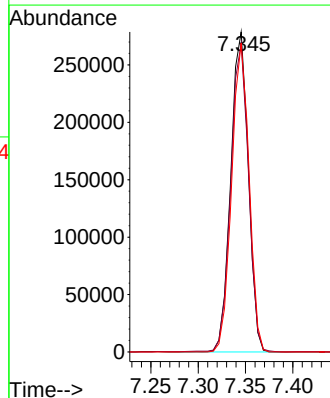
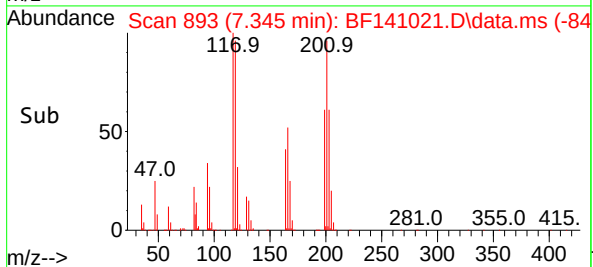
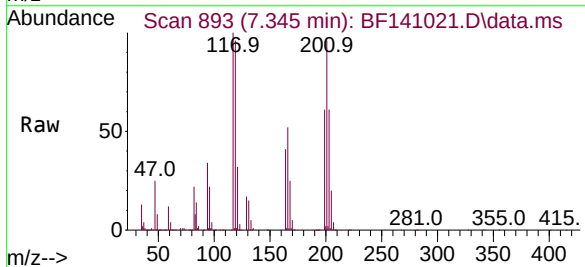


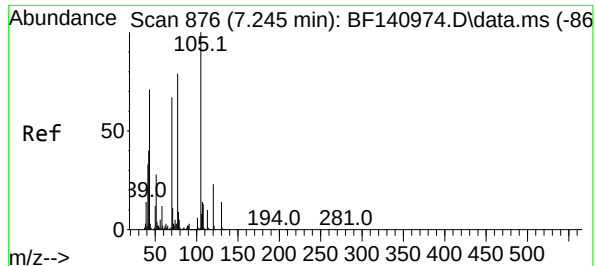
Tgt Ion:107 Resp: 772182
Ion Ratio Lower Upper
107 100
108 113.7 90.6 136.0
77 44.9 35.3 52.9
79 44.4 35.3 52.9



#18
Hexachloroethane
Concen: 49.155 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:117 Resp: 360723
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 96.5 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 48.892 ng

RT: 7.245 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

Tgt Ion: 70 Resp: 679575

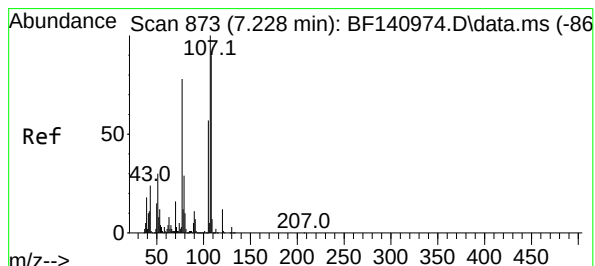
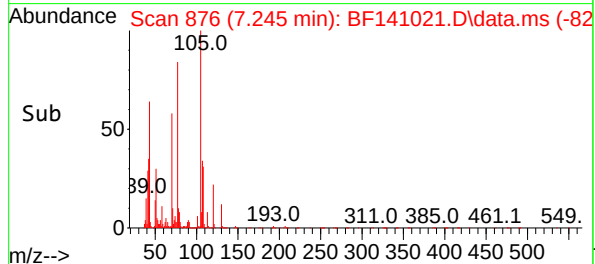
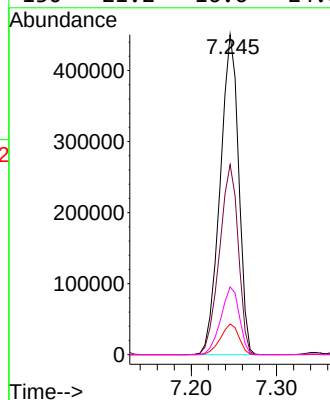
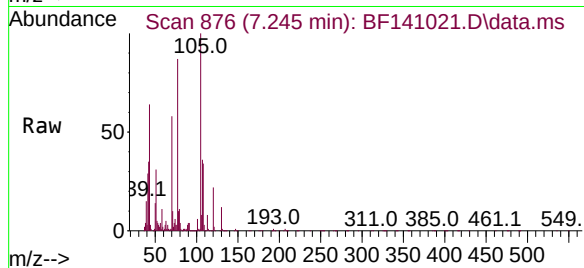
Ion Ratio Lower Upper

70 100

42 59.4 48.1 72.1

101 9.6 7.6 11.4

130 21.2 16.6 24.8



#20

3+4-Methylphenols

Concen: 48.900 ng

RT: 7.234 min Scan# 874

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Tgt Ion: 107 Resp: 954601

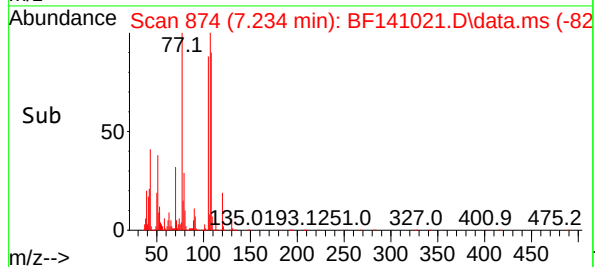
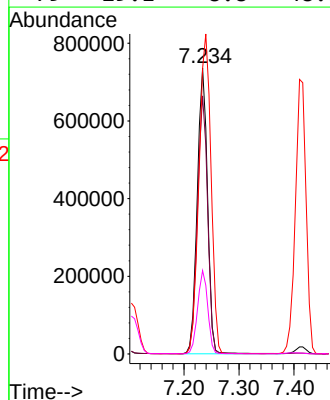
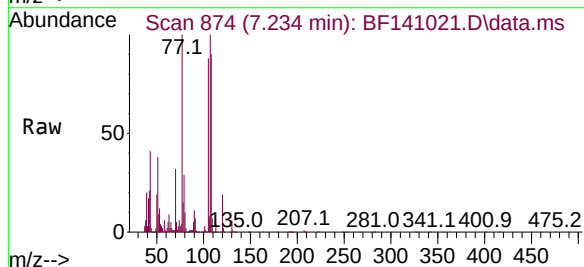
Ion Ratio Lower Upper

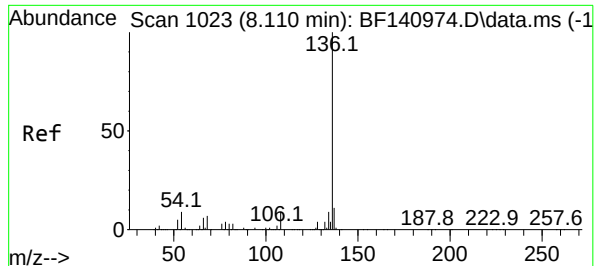
107 100

108 90.2 69.6 109.6

77 99.8 57.6 97.6#

79 29.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

Tgt Ion:136 Resp: 1062209

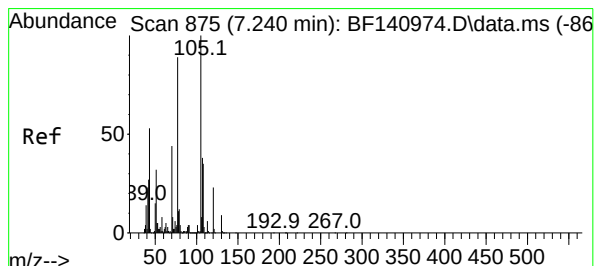
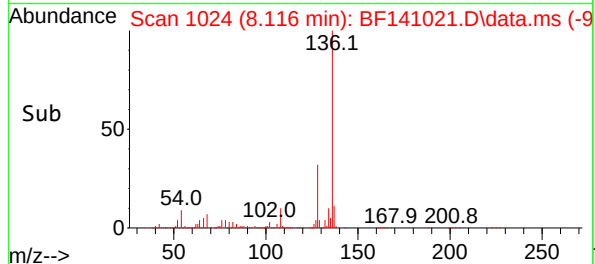
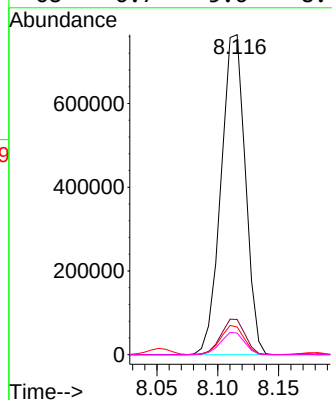
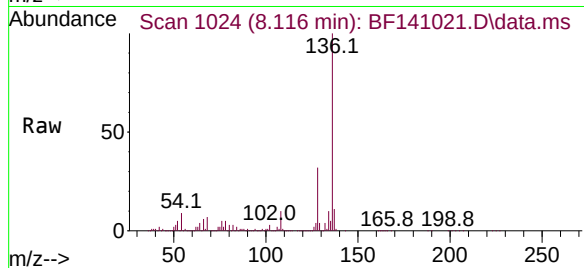
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.7 7.6 11.4

68 6.7 5.6 8.4



#22

Acetophenone

Concen: 48.002 ng

RT: 7.240 min Scan# 875

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Tgt Ion:105 Resp: 1250805

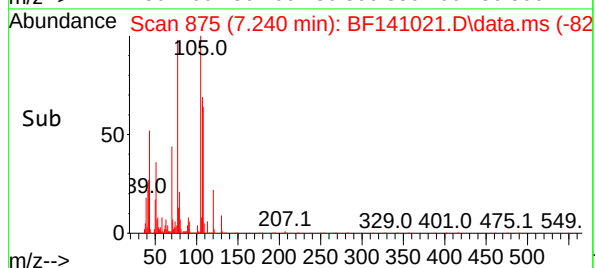
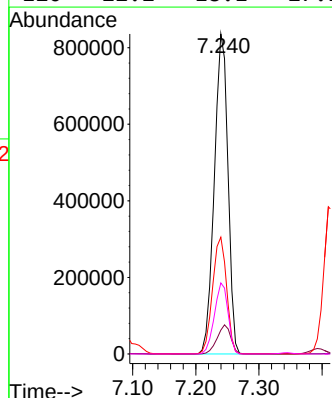
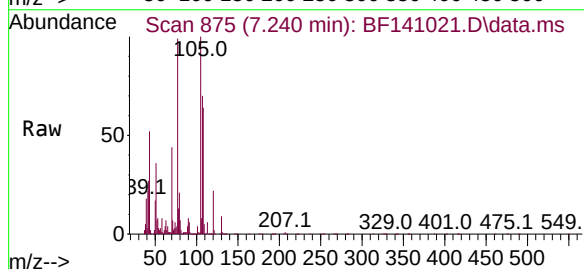
Ion Ratio Lower Upper

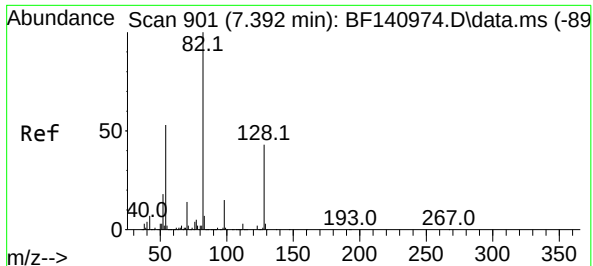
105 100

71 7.4 6.1 9.1

51 36.5 25.8 38.6

120 22.2 18.1 27.1





#23

Nitrobenzene-d5

Concen: 108.778 ng

RT: 7.392 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

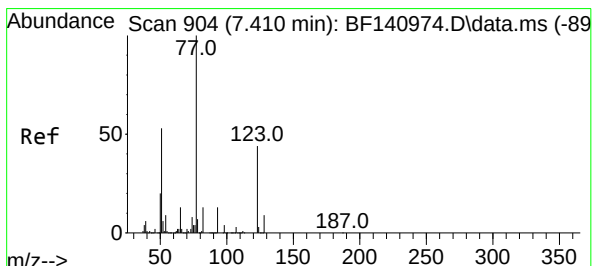
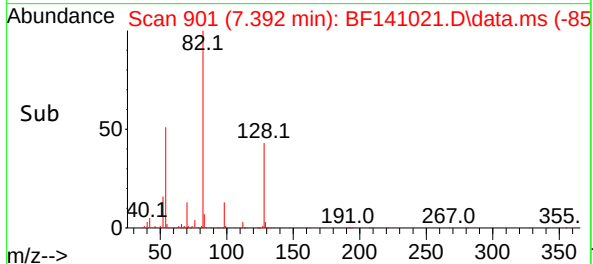
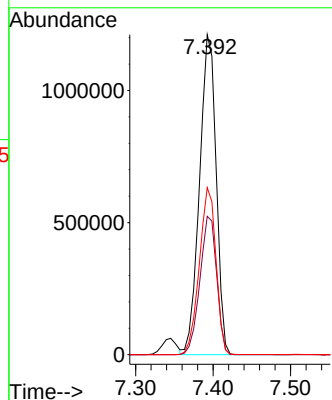
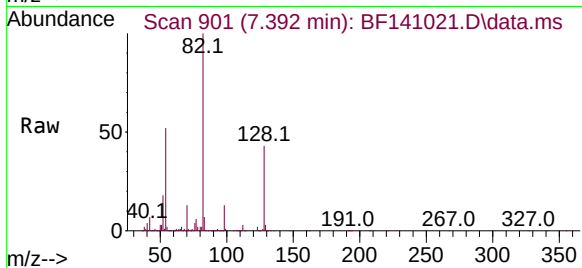
BNA_F

ClientSampleId :

PB165894BS

Tgt Ion: 82 Resp: 1806013

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.4	51.6
54	52.2	42.4	63.6



#24

Nitrobenzene

Concen: 51.716 ng

RT: 7.410 min Scan# 904

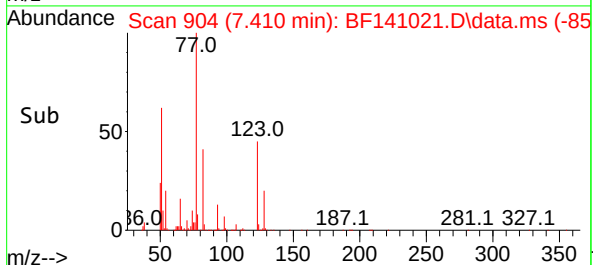
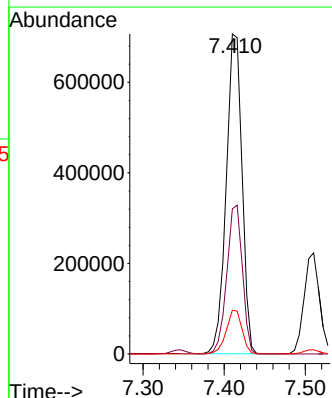
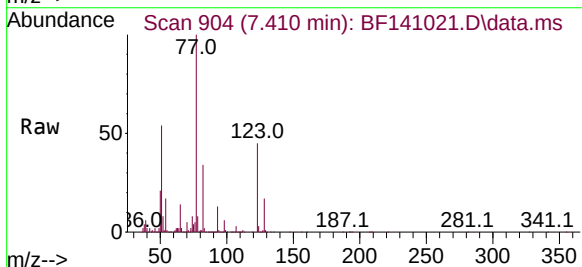
Delta R.T. 0.000 min

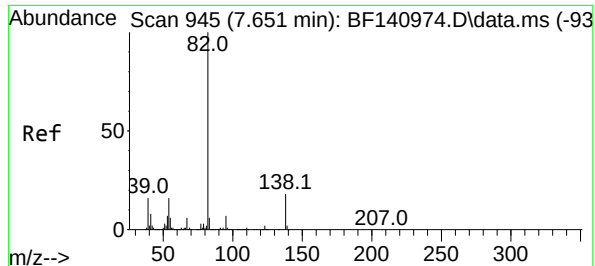
Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Tgt Ion: 77 Resp: 959427

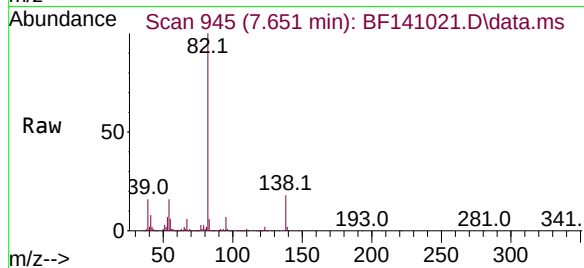
Ion	Ratio	Lower	Upper
77	100		
123	45.4	35.4	53.2
65	13.6	10.7	16.1





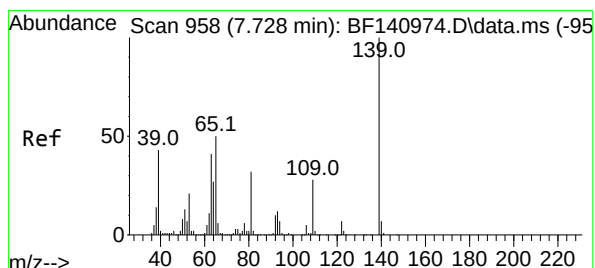
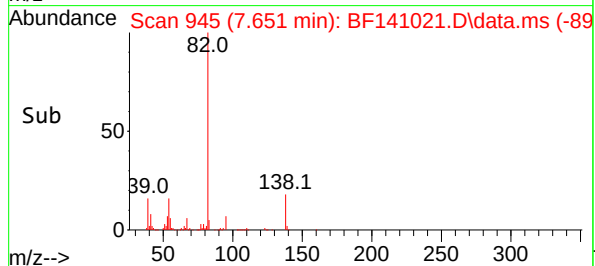
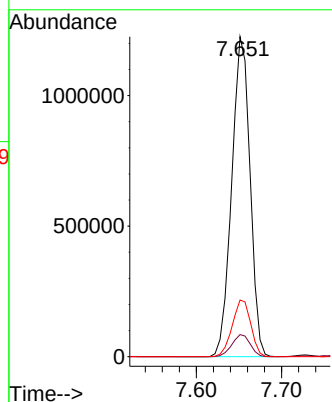
#25
Isophorone
Concen: 50.597 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB165894BS



Tgt Ion: 82 Resp: 1827974

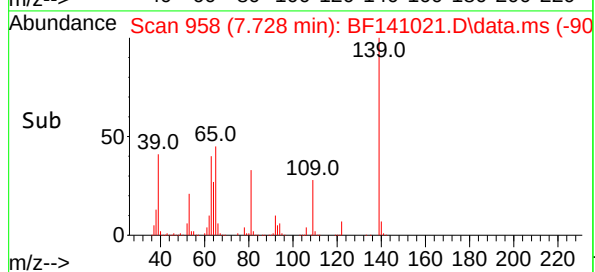
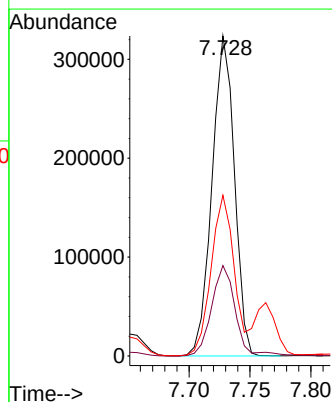
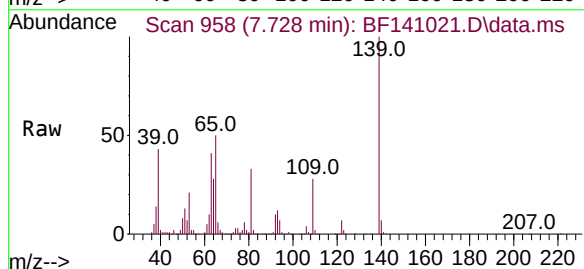
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	17.7	14.6	21.8

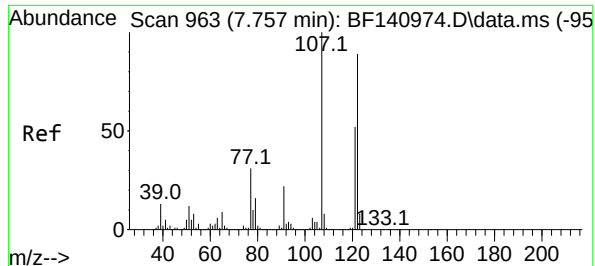


#26
2-Nitrophenol
Concen: 53.678 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 139 Resp: 413463

Ion	Ratio	Lower	Upper
139	100		
109	28.3	22.2	33.4
65	50.2	40.2	60.4





#27

2,4-Dimethylphenol

Concen: 58.615 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

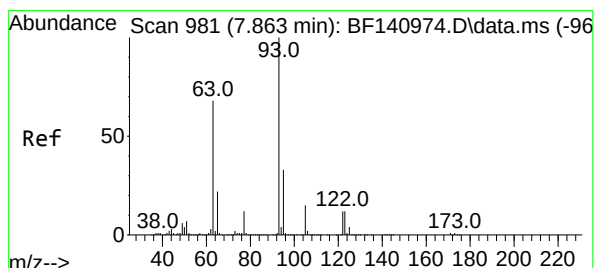
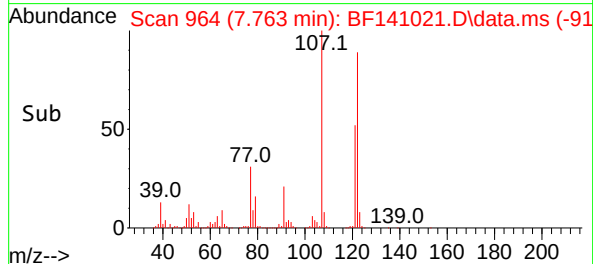
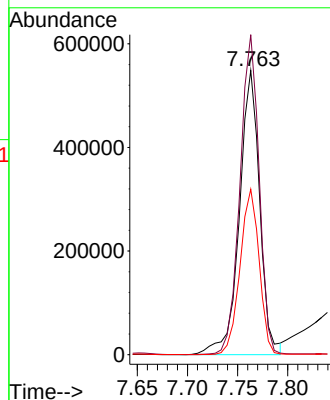
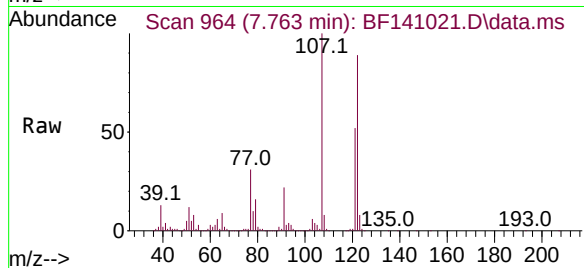
Tgt Ion:122 Resp: 773942

Ion Ratio Lower Upper

122 100

107 112.6 89.4 134.2

121 58.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.099 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

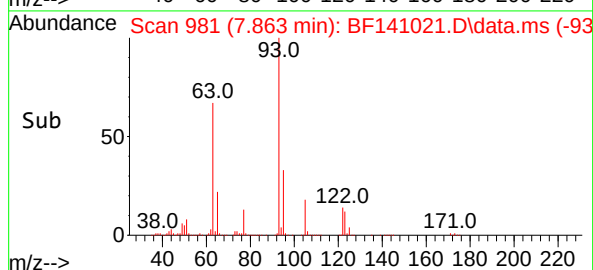
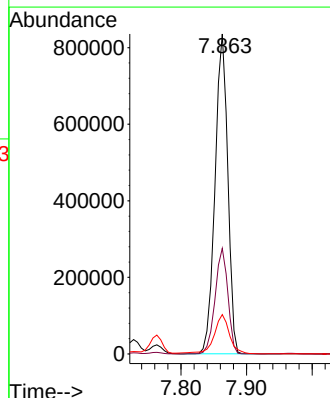
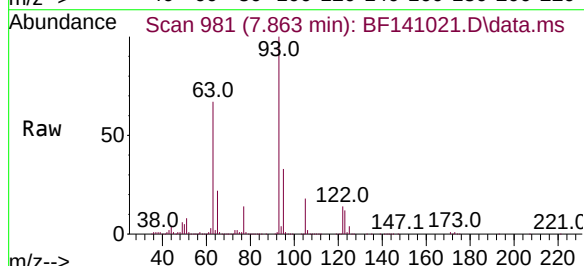
Tgt Ion: 93 Resp: 1123896

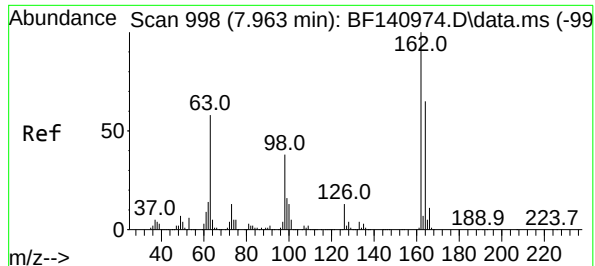
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 50.745 ng

RT: 7.969 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

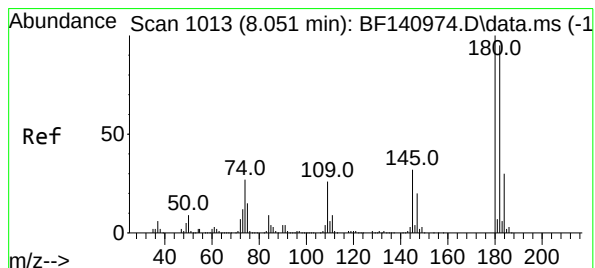
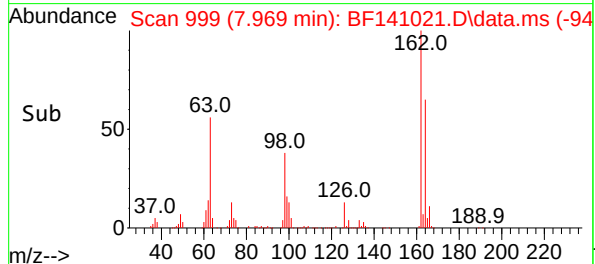
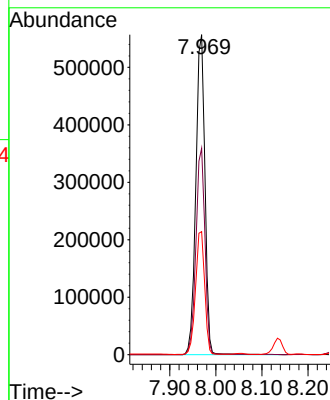
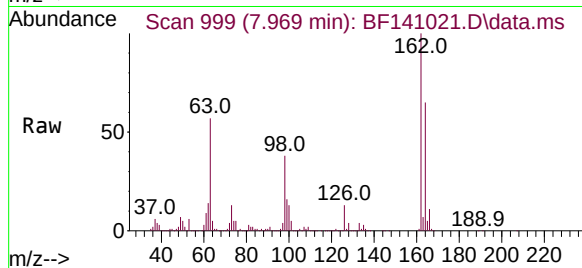
Tgt Ion:162 Resp: 759912

Ion Ratio Lower Upper

162 100

164 64.5 44.8 84.8

98 38.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 47.336 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

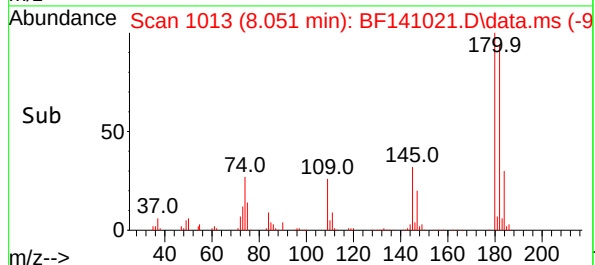
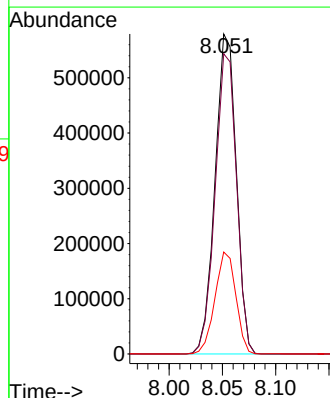
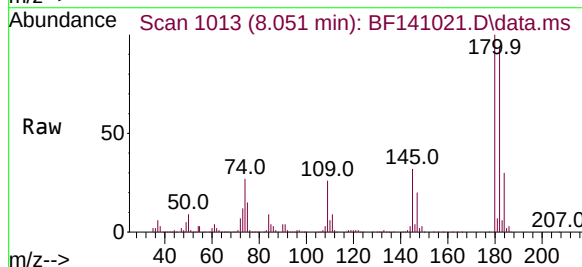
Tgt Ion:180 Resp: 802320

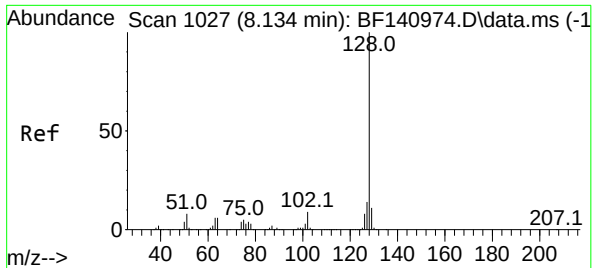
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.4

145 31.9 25.4 38.2





#31

Naphthalene

Concen: 47.871 ng

RT: 8.134 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

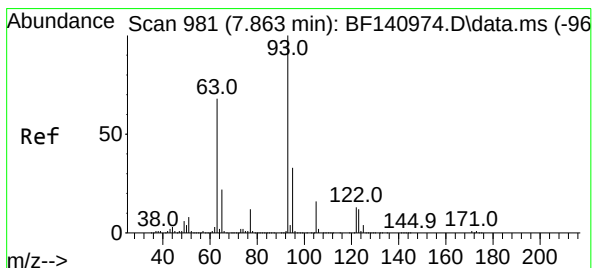
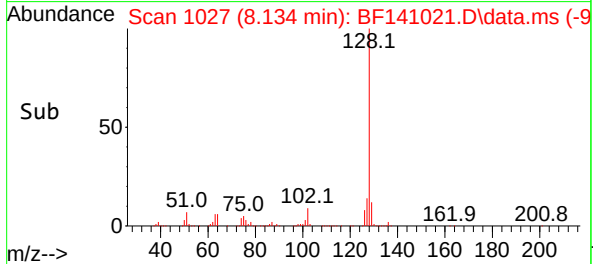
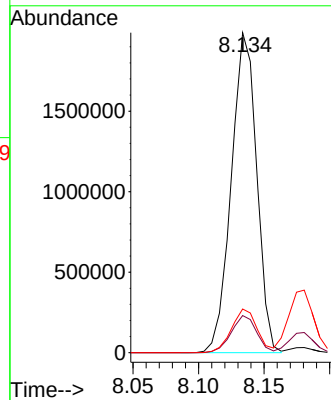
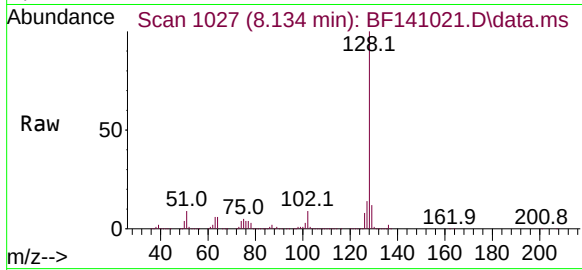
Tgt Ion:128 Resp: 2679451

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 48.704 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.018 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

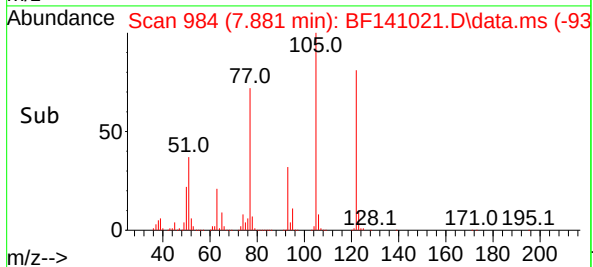
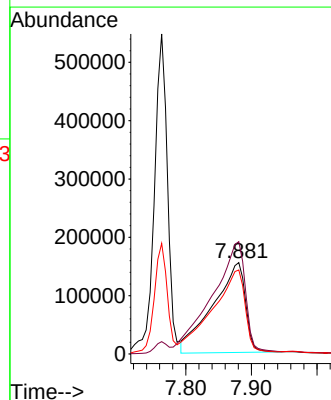
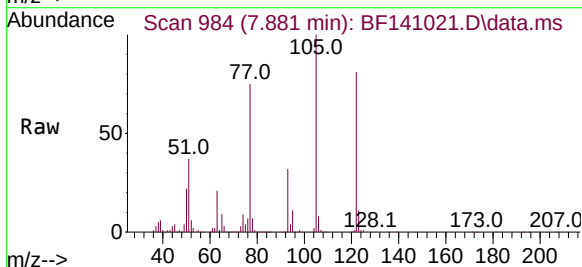
Tgt Ion:122 Resp: 530675

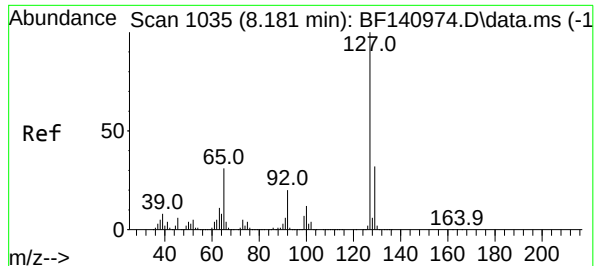
Ion Ratio Lower Upper

122 100

105 123.0 105.4 145.4

77 92.0 76.4 116.4





#33

4-Chloroaniline

Concen: 26.288 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

Tgt Ion:127 Resp: 532305

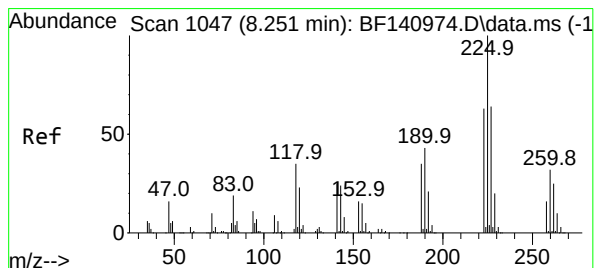
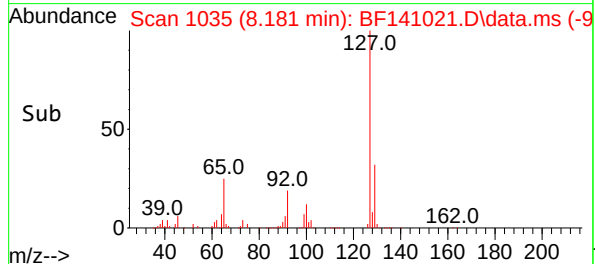
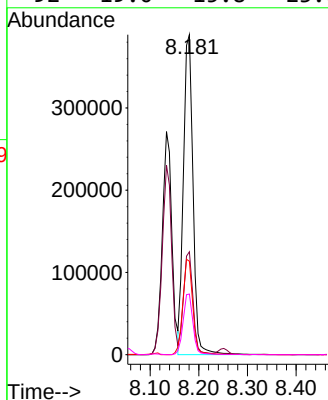
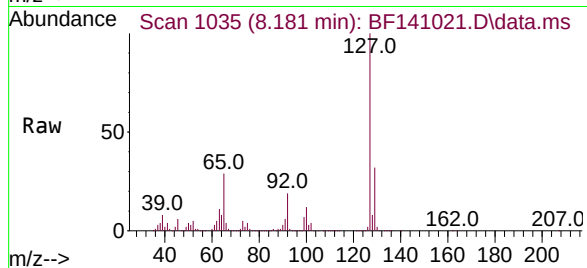
Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

65 29.2 24.6 37.0

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 48.214 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

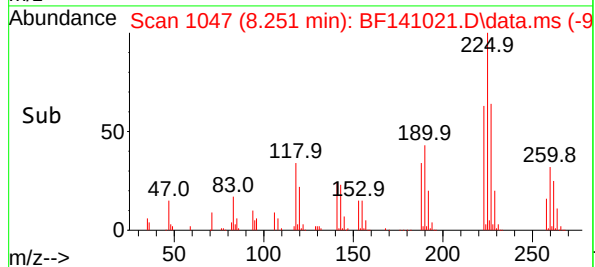
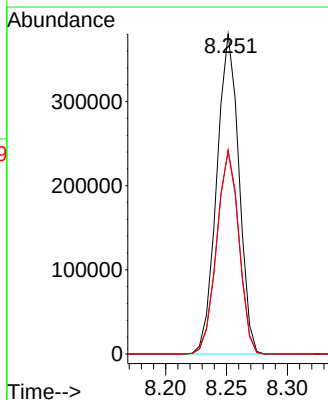
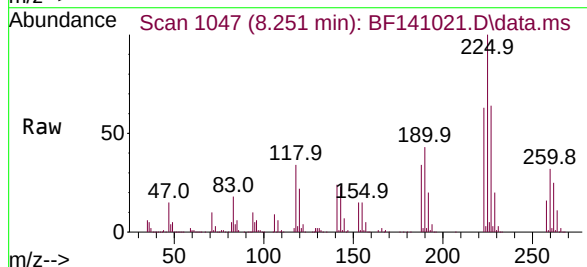
Tgt Ion:225 Resp: 481762

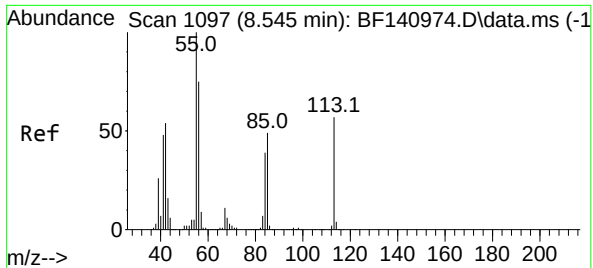
Ion Ratio Lower Upper

225 100

223 63.4 50.3 75.5

227 63.7 50.8 76.2





#35

Caprolactam

Concen: 49.850 ng m

RT: 8.545 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

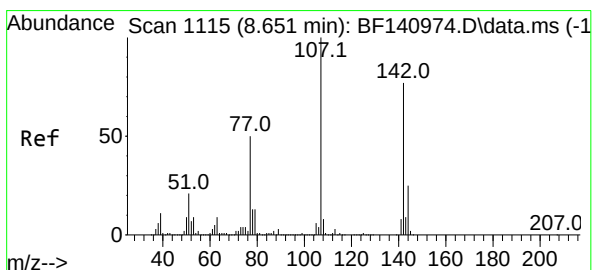
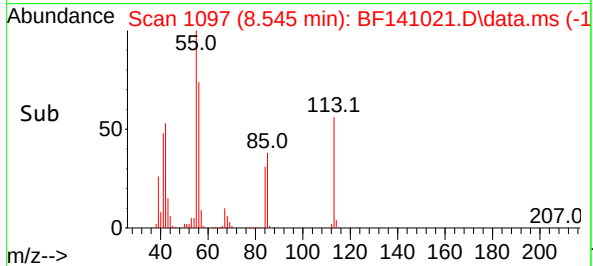
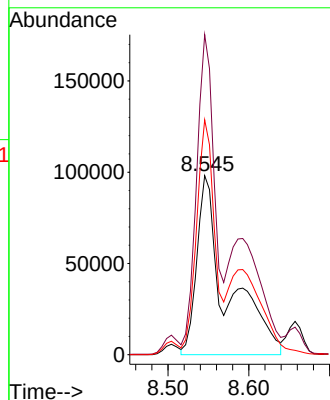
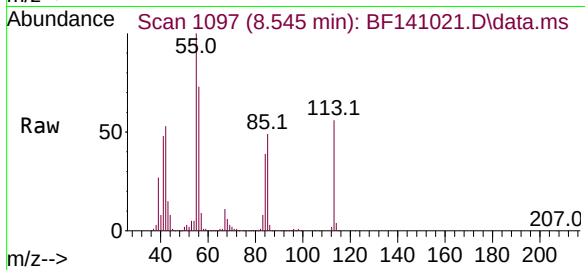
Tgt Ion:113 Resp: 253782

Ion Ratio Lower Upper

113 100

55 178.7 156.6 196.6

56 131.2 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 49.402 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

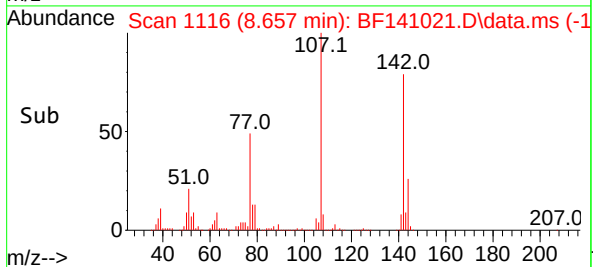
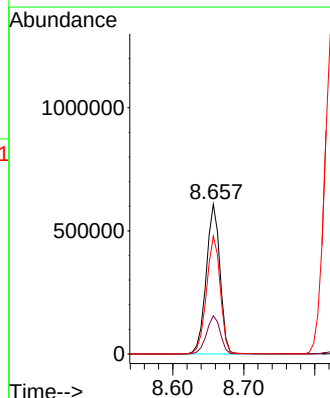
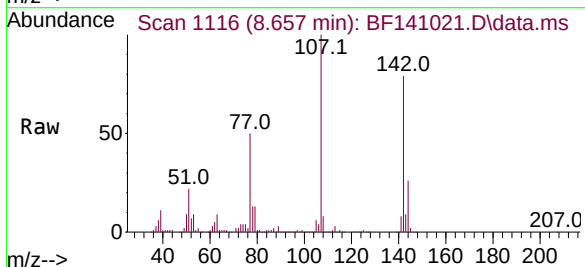
Tgt Ion:107 Resp: 821594

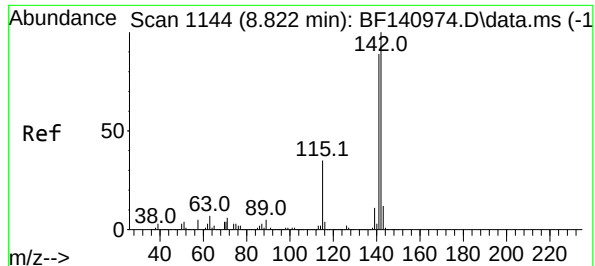
Ion Ratio Lower Upper

107 100

144 25.5 19.9 29.9

142 78.7 61.8 92.8





#37

2-Methylnaphthalene

Concen: 49.271 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

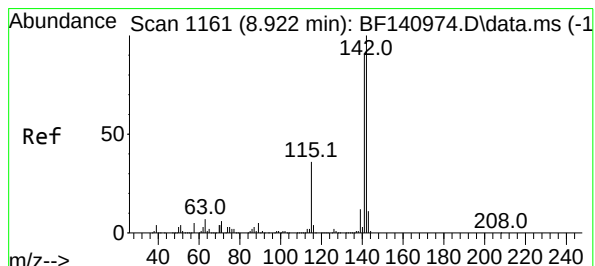
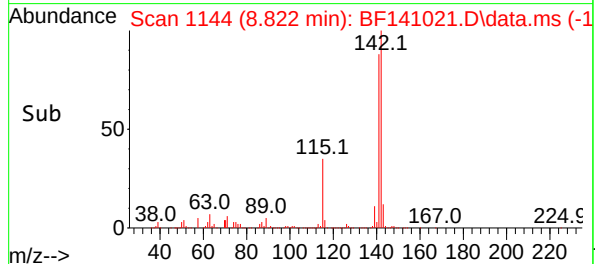
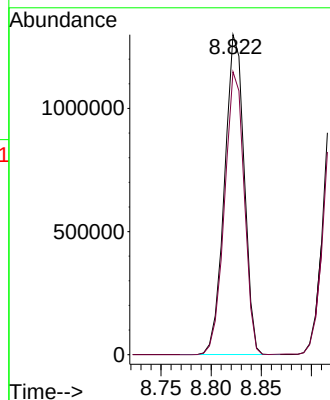
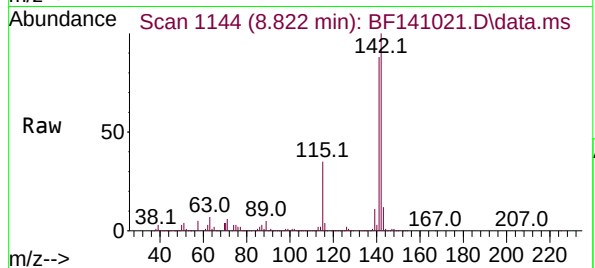
PB165894BS

Tgt Ion:142 Resp: 1764256

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 46.876 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141021.D

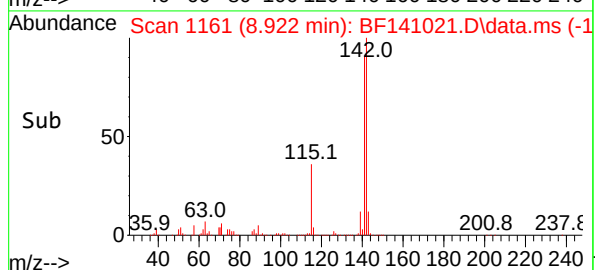
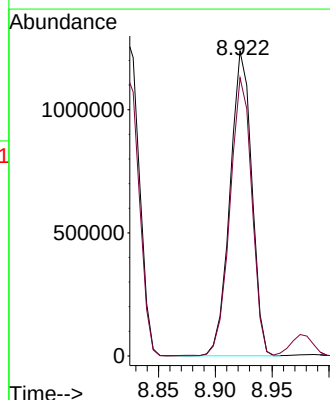
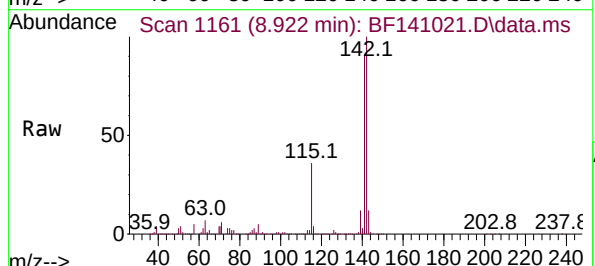
Acq: 30 Dec 2024 10:17

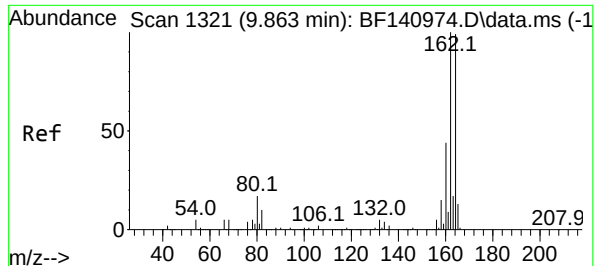
Tgt Ion:142 Resp: 1649595

Ion Ratio Lower Upper

142 100

141 91.3 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF141021.D

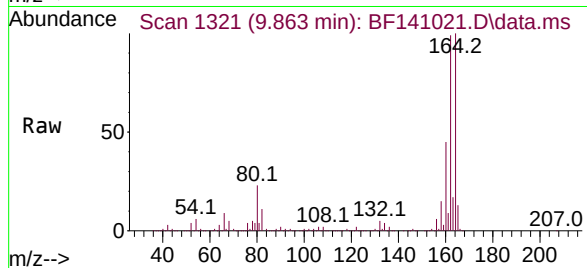
Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS



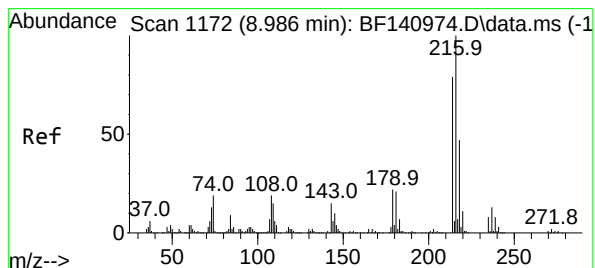
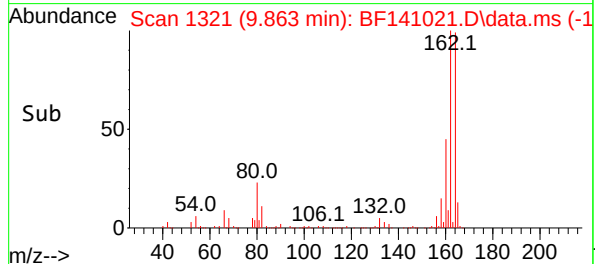
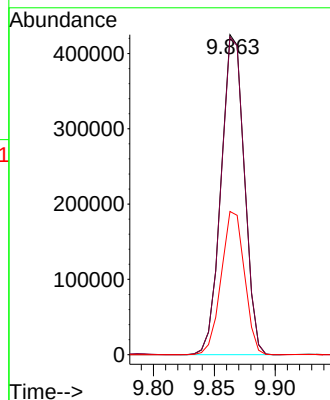
Tgt Ion:164 Resp: 563633

Ion Ratio Lower Upper

164 100

162 99.3 80.6 120.8

160 44.8 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.742 ng

RT: 8.992 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Tgt Ion:216 Resp: 771312

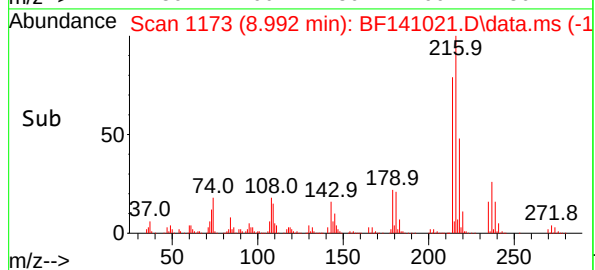
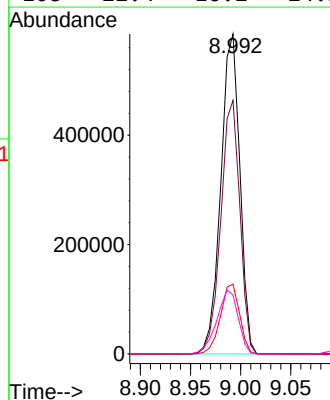
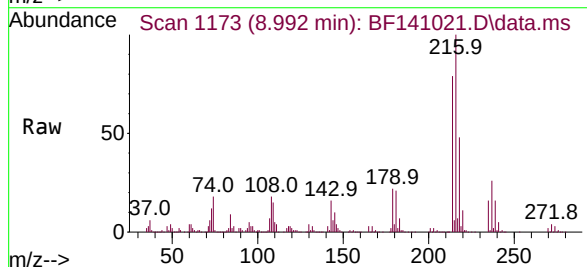
Ion Ratio Lower Upper

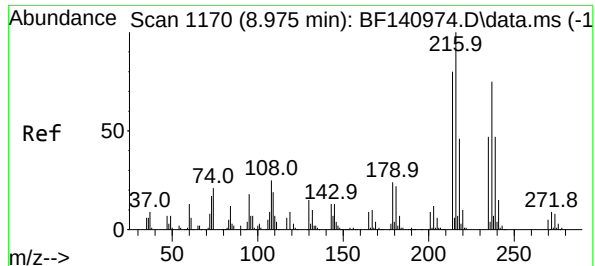
216 100

214 79.1 63.0 94.6

179 22.0 17.9 26.9

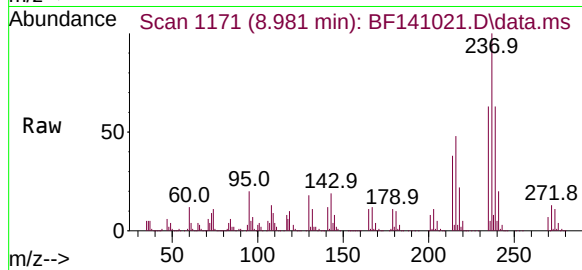
108 22.4 16.2 24.2



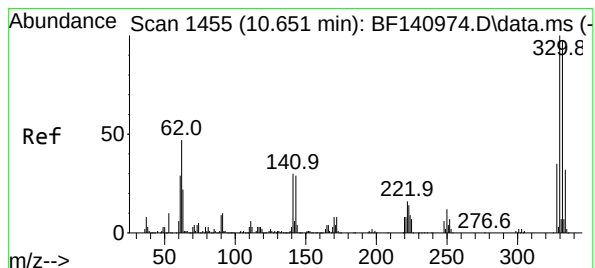
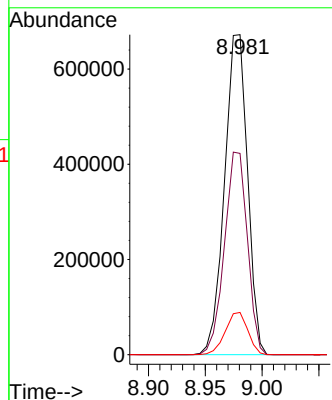
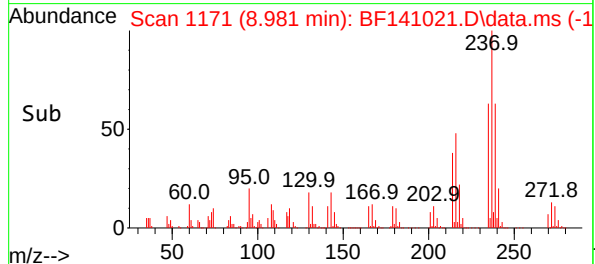


#41
Hexachlorocyclopentadiene
Concen: 184.288 ng
RT: 8.981 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

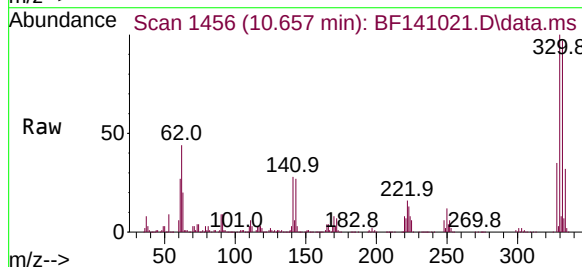
Instrument :
BNA_F
ClientSampleId :
PB165894BS



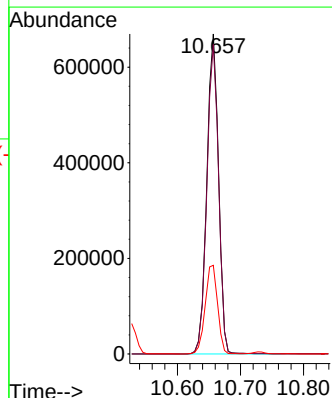
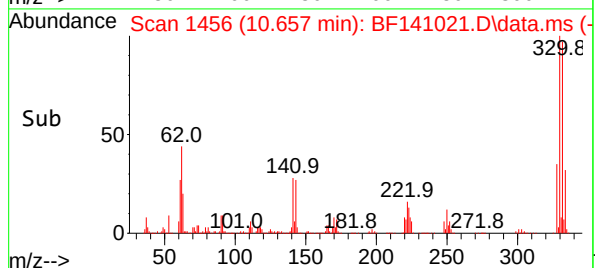
Tgt Ion:237 Resp: 946981
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.2 0.0 32.6

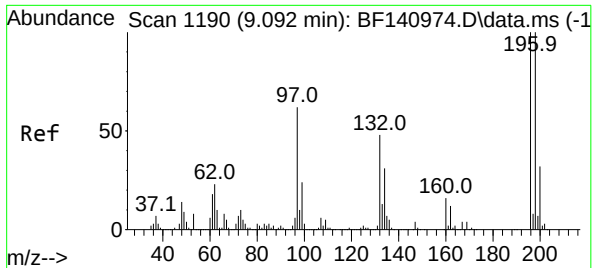


#42
2,4,6-Tribromophenol
Concen: 157.623 ng
RT: 10.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17



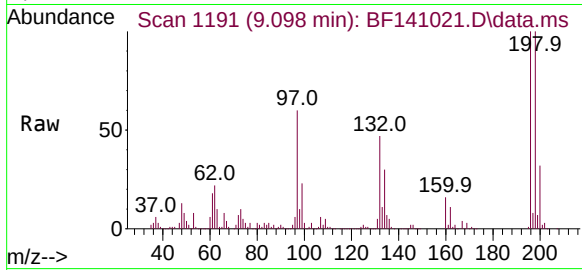
Tgt Ion:330 Resp: 863281
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 29.5 26.4 39.6



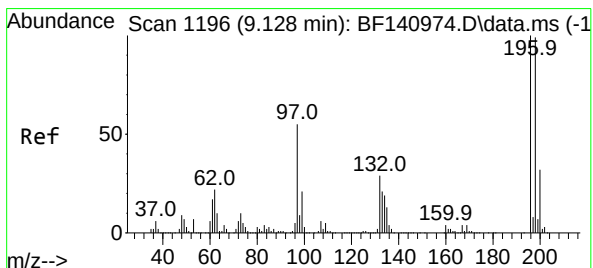
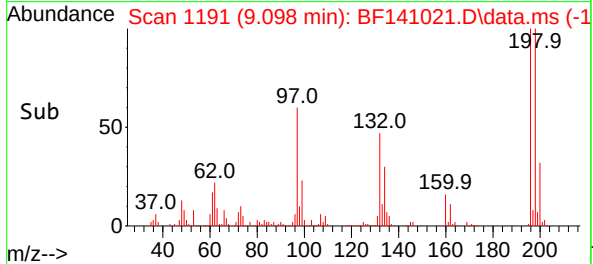
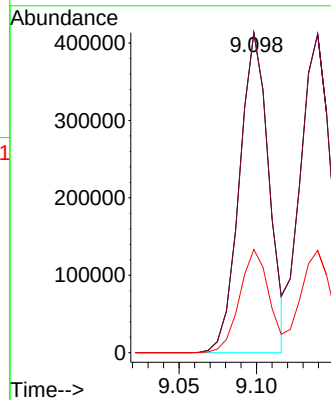


#43
2,4,6-Trichlorophenol
Concen: 52.888 ng
RT: 9.098 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB165894BS

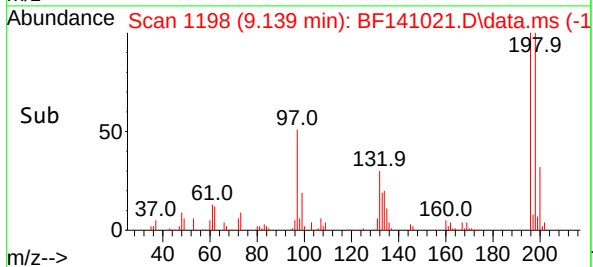
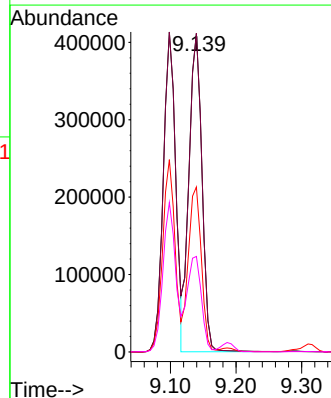
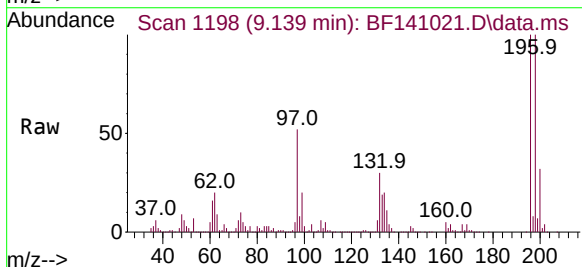


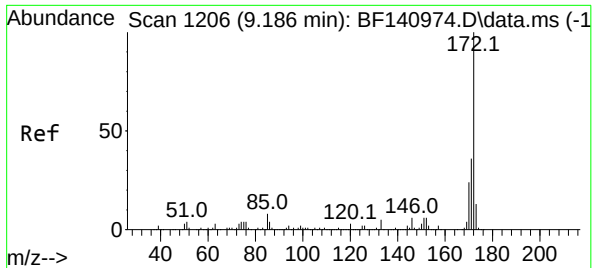
Tgt Ion:196 Resp: 545815
Ion Ratio Lower Upper
196 100
198 99.9 80.2 120.4
200 32.2 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 53.400 ng
RT: 9.139 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:196 Resp: 563885
Ion Ratio Lower Upper
196 100
198 99.9 79.9 119.9
97 51.8 44.3 66.5
132 30.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 94.811 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

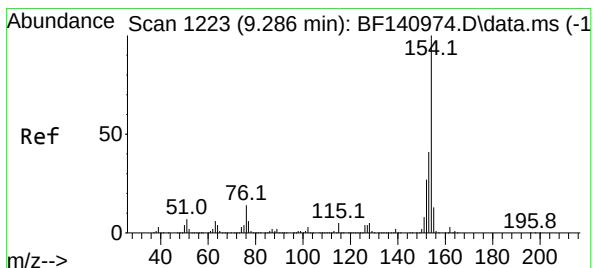
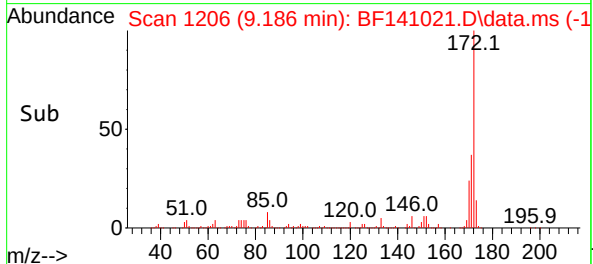
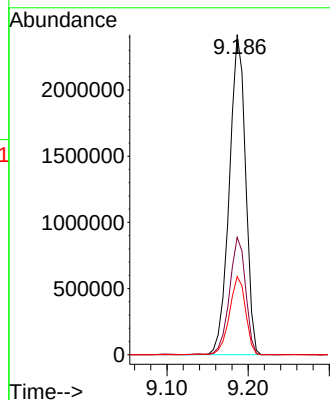
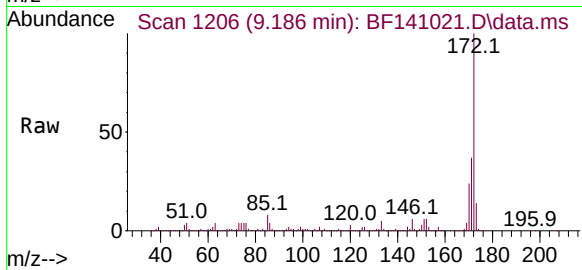
Tgt Ion:172 Resp: 3354071

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 24.4 19.6 29.4



#46

1,1'-Biphenyl

Concen: 49.635 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

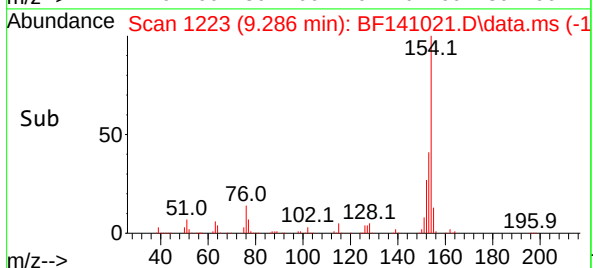
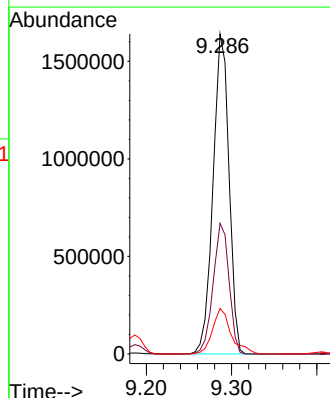
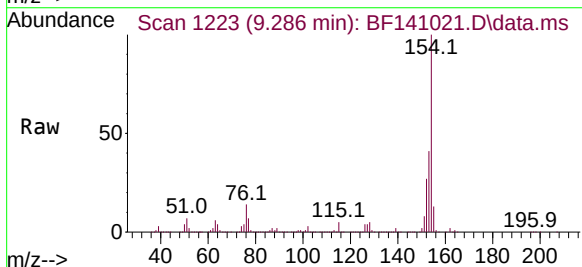
Tgt Ion:154 Resp: 2142081

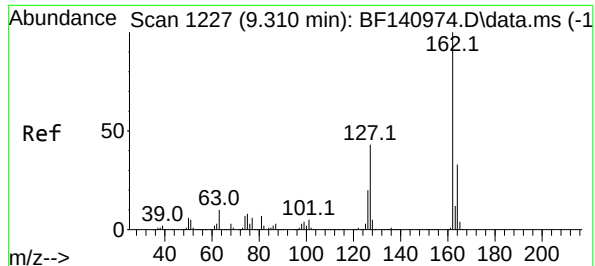
Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.245 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

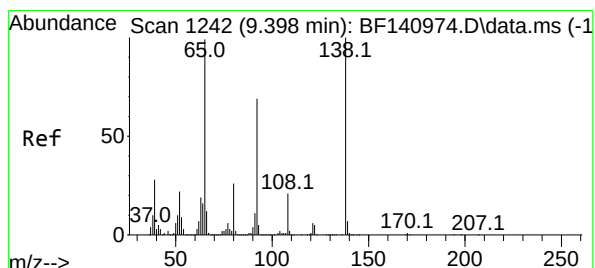
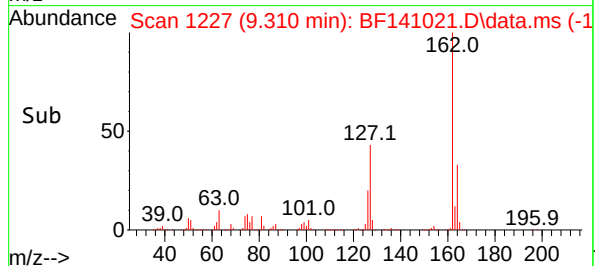
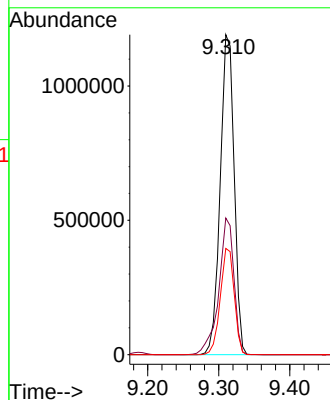
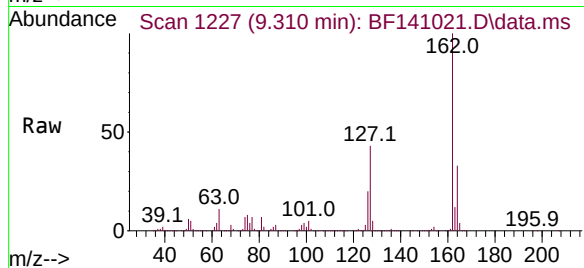
Tgt Ion:162 Resp: 1614810

Ion Ratio Lower Upper

162 100

127 42.7 34.2 51.4

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 54.432 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

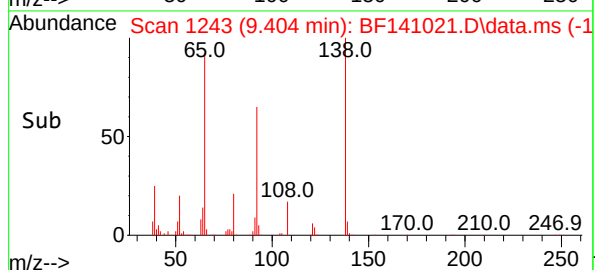
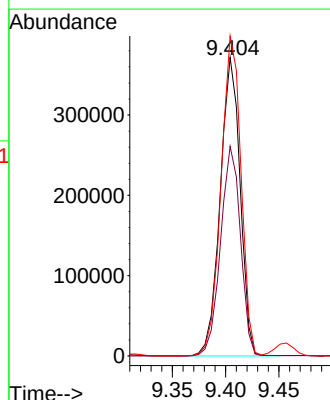
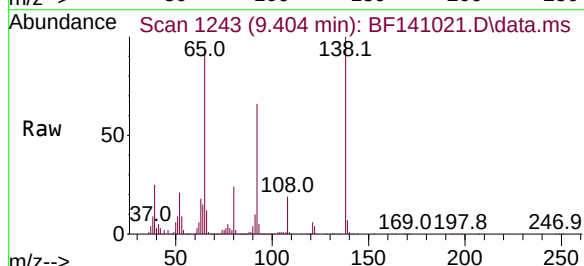
Tgt Ion: 65 Resp: 482653

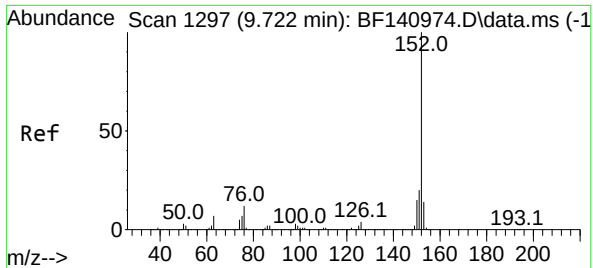
Ion Ratio Lower Upper

65 100

92 70.2 55.6 83.4

138 107.2 80.5 120.7





#49

Acenaphthylene

Concen: 51.689 ng

RT: 9.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

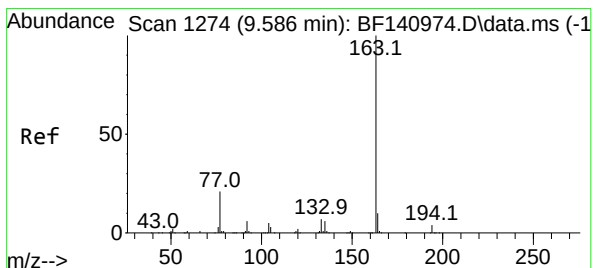
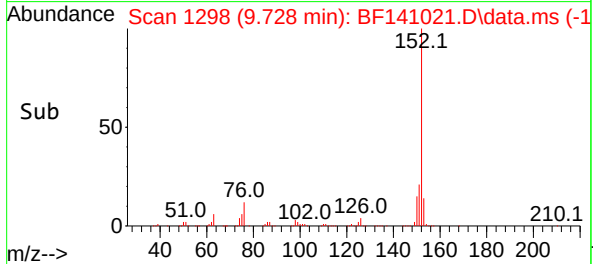
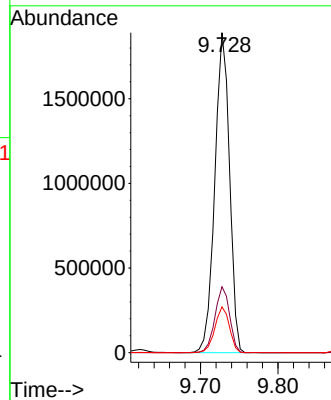
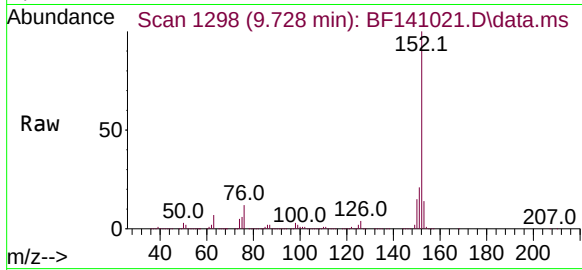
Tgt Ion:152 Resp: 2490576

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 50.969 ng

RT: 9.592 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

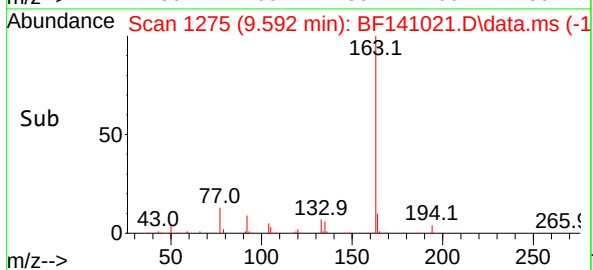
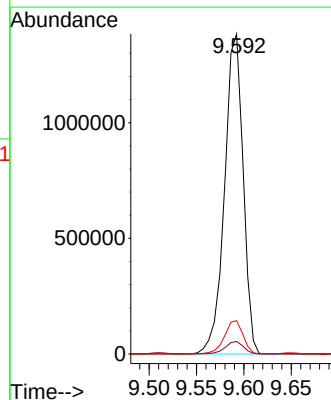
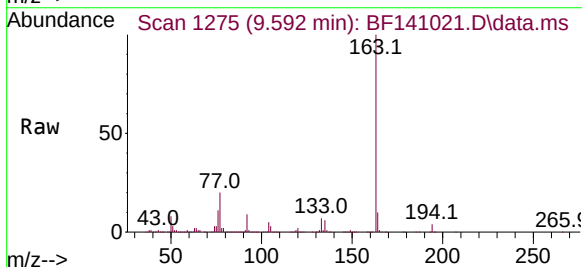
Tgt Ion:163 Resp: 1889611

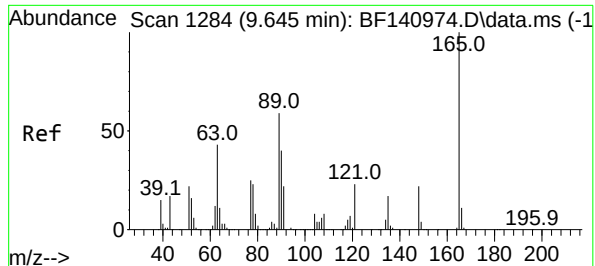
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 51.656 ng

RT: 9.651 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

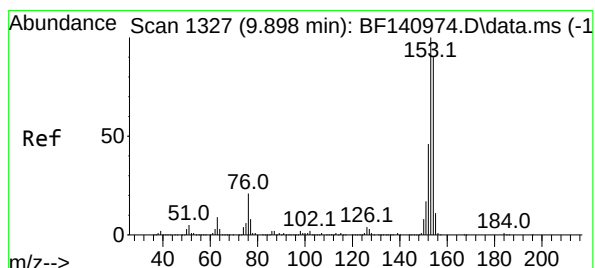
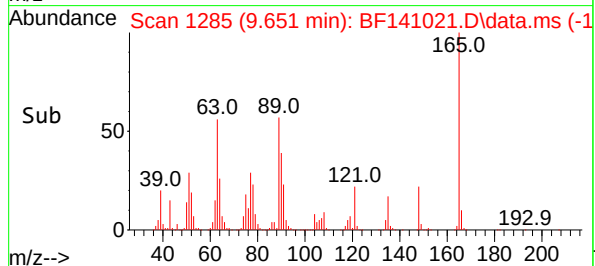
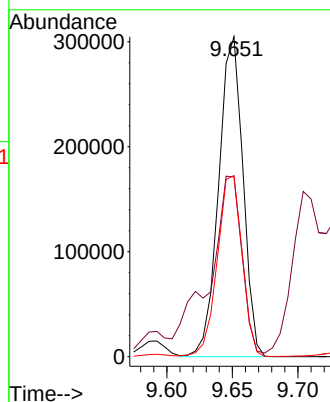
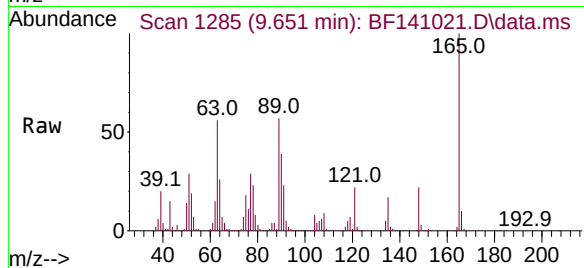
Tgt Ion:165 Resp: 392834

Ion Ratio Lower Upper

165 100

63 56.2 47.1 70.7

89 56.6 47.0 70.4



#52

Acenaphthene

Concen: 53.990 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

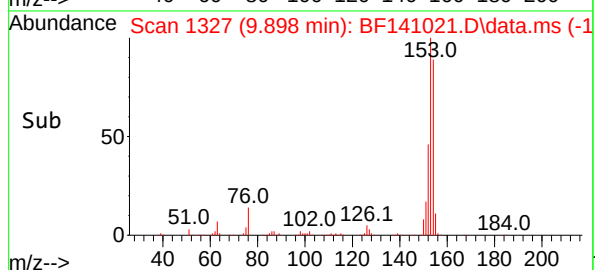
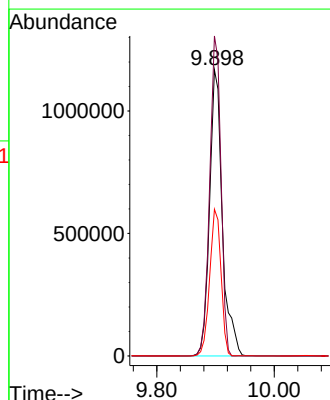
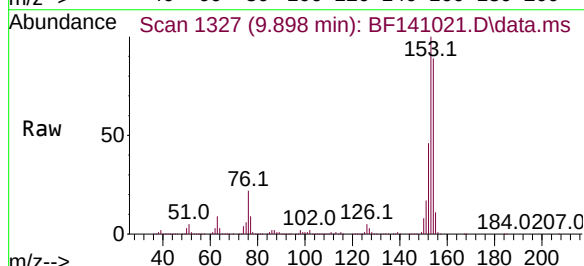
Tgt Ion:154 Resp: 1758675

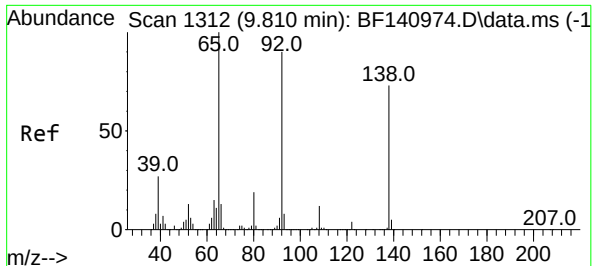
Ion Ratio Lower Upper

154 100

153 111.8 89.2 133.8

152 51.3 40.9 61.3





#53

3-Nitroaniline

Concen: 33.872 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

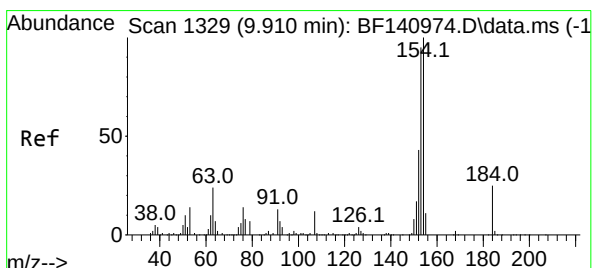
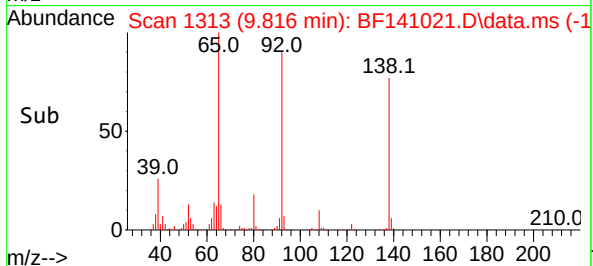
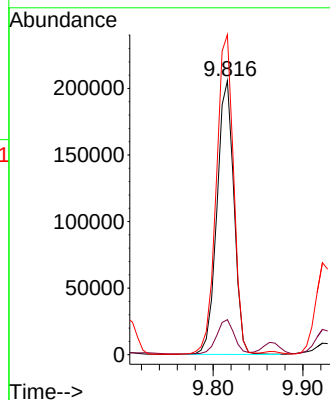
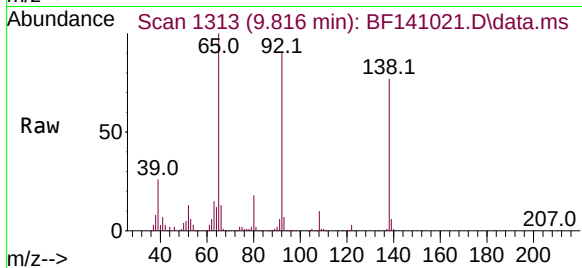
Tgt Ion:138 Resp: 270023

Ion Ratio Lower Upper

138 100

108 12.8 13.5 20.3#

92 116.8 97.7 146.5



#54

2,4-Dinitrophenol

Concen: 99.313 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.018 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

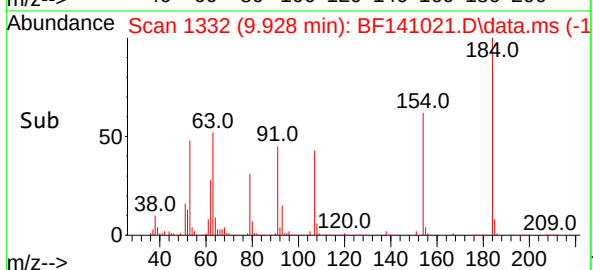
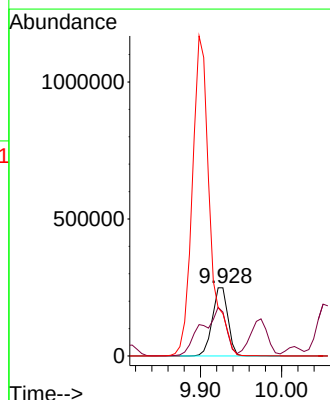
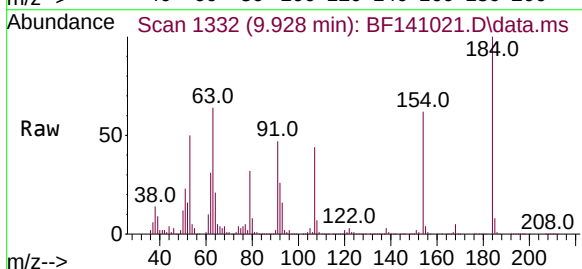
Tgt Ion:184 Resp: 332519

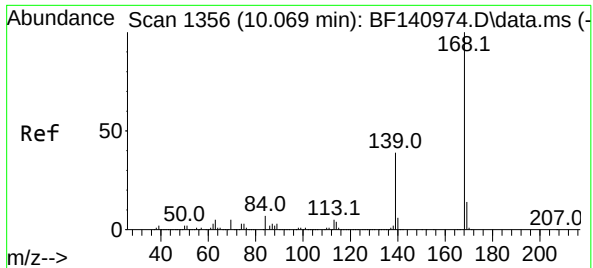
Ion Ratio Lower Upper

184 100

63 64.4 81.6 122.4#

154 62.1 363.5 545.3#





#55

Dibenzenofuran

Concen: 49.180 ng

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

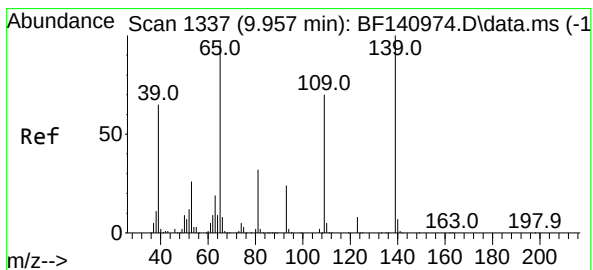
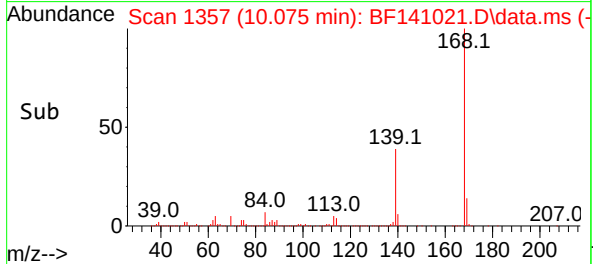
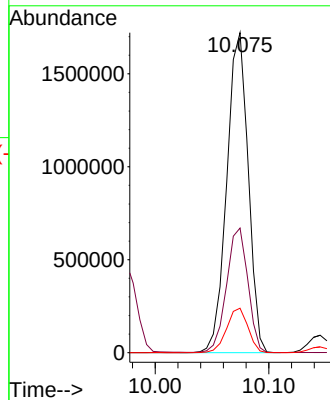
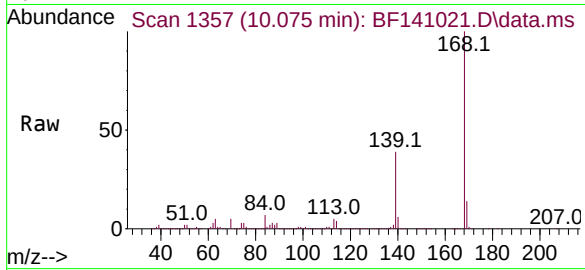
Tgt Ion:168 Resp: 2251400

Ion Ratio Lower Upper

168 100

139 38.9 31.6 47.4

169 13.9 11.0 16.6



#56

4-Nitrophenol

Concen: 111.872 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.018 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

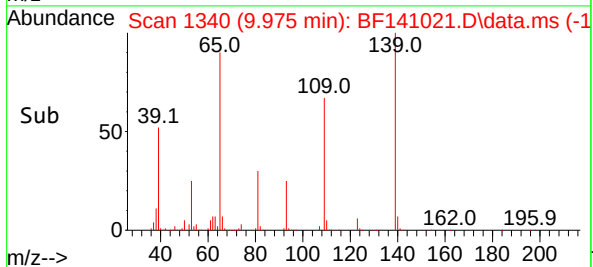
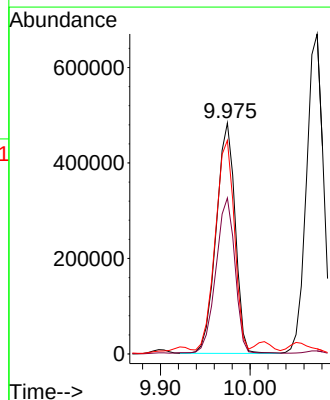
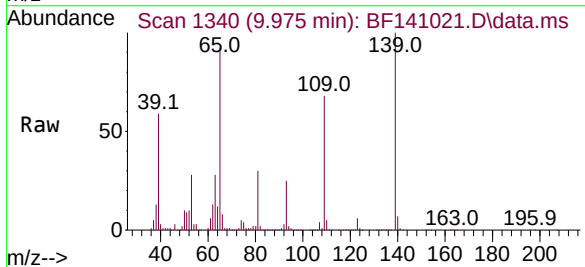
Tgt Ion:139 Resp: 709465

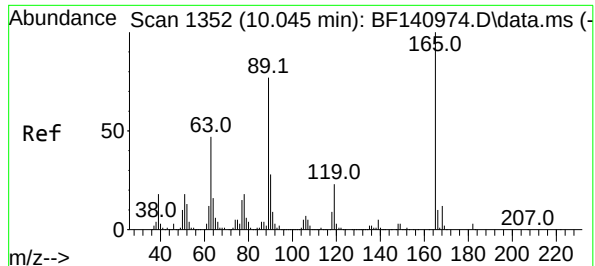
Ion Ratio Lower Upper

139 100

109 67.5 50.8 90.8

65 92.5 78.5 118.5

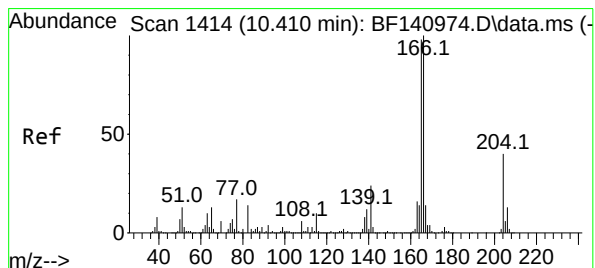
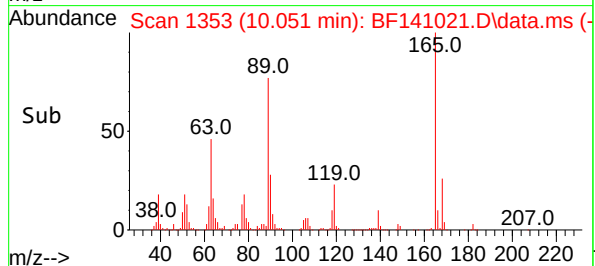
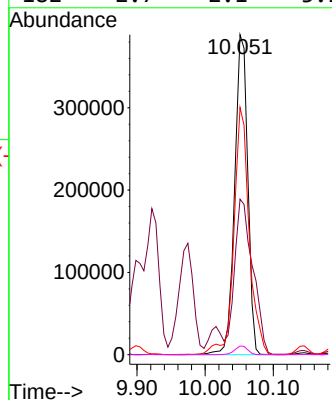
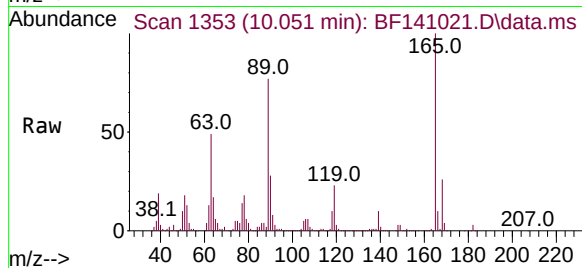




#57
2,4-Dinitrotoluene
Concen: 55.370 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

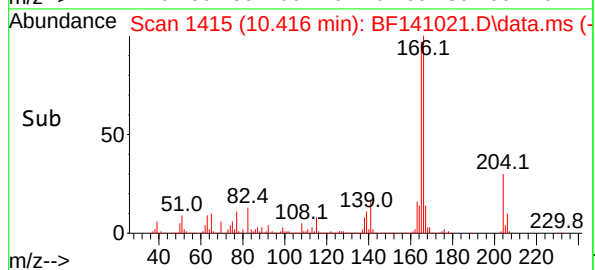
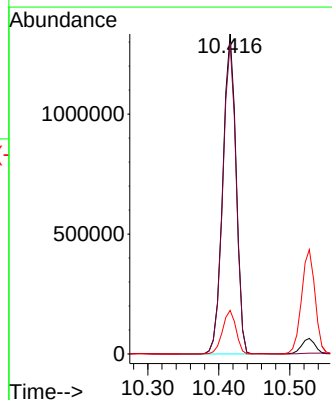
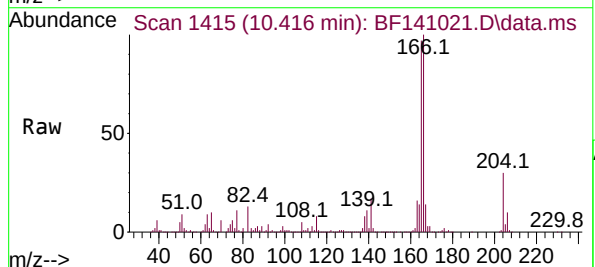
Instrument :
BNA_F
ClientSampleId :
PB165894BS

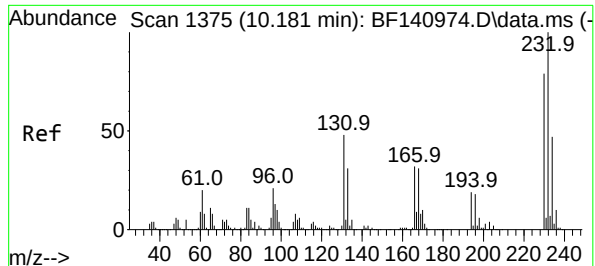
Tgt Ion:165 Resp: 519335
Ion Ratio Lower Upper
165 100
63 48.6 38.1 57.1
89 77.2 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 48.699 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:166 Resp: 1728750
Ion Ratio Lower Upper
166 100
165 97.1 78.3 117.5
167 13.6 10.9 16.3

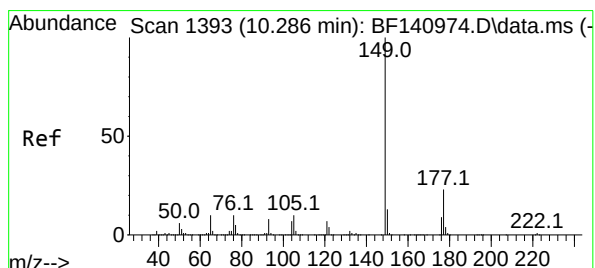
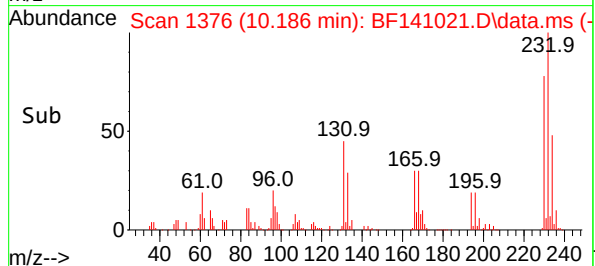
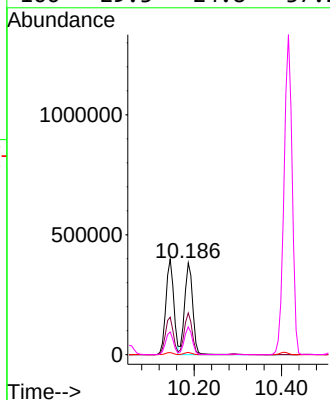
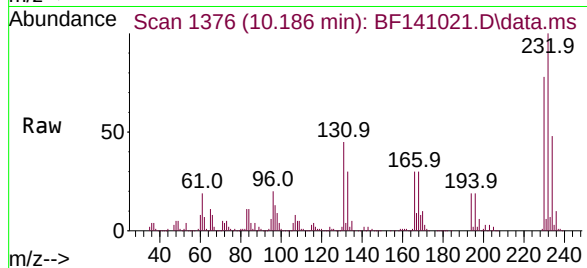




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.943 ng
RT: 10.186 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

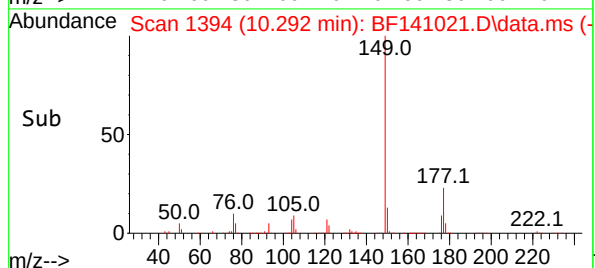
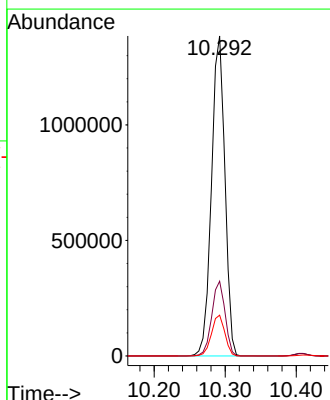
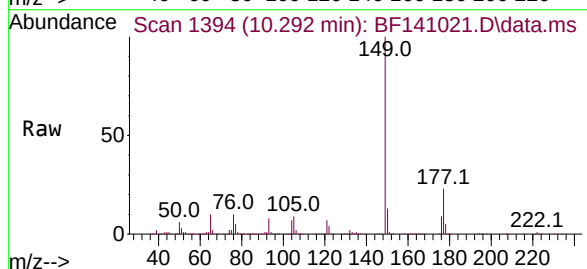
Instrument :
BNA_F
ClientSampleId :
PB165894BS

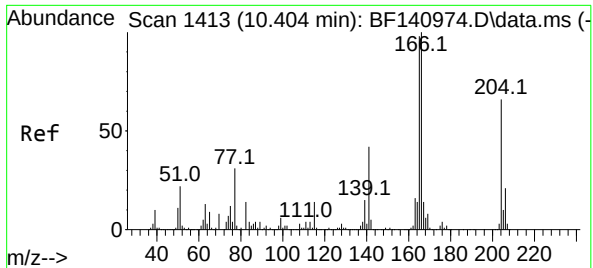
Tgt Ion:232 Resp: 489241
Ion Ratio Lower Upper
232 100
131 44.5 37.4 56.2
130 2.3 1.8 2.8
166 29.3 24.8 37.2



#60
Diethylphthalate
Concen: 49.607 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:149 Resp: 1815649
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.7 10.4 15.6

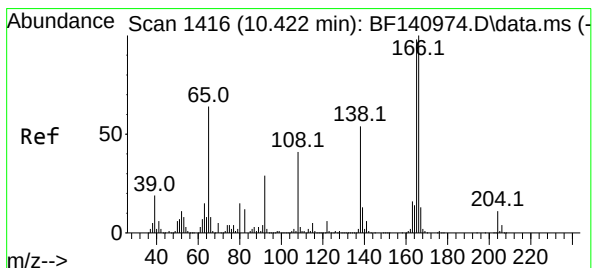
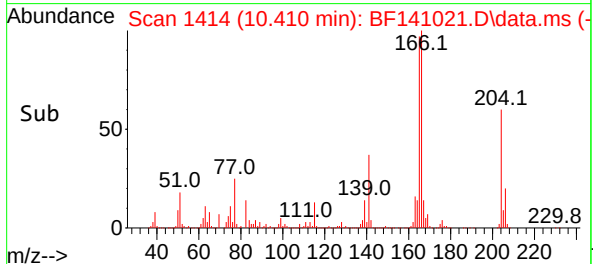
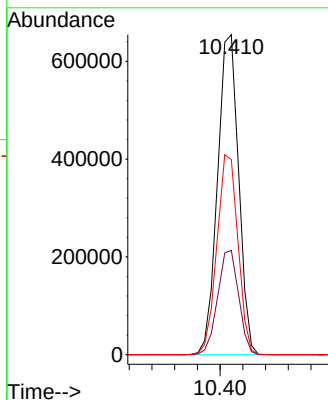
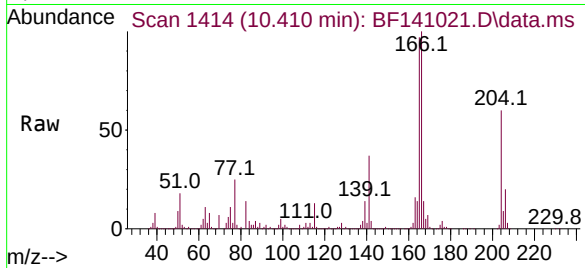




#61
4-Chlorophenyl-phenylether
Concen: 49.422 ng
RT: 10.410 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

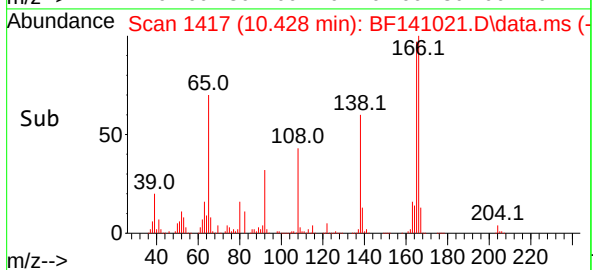
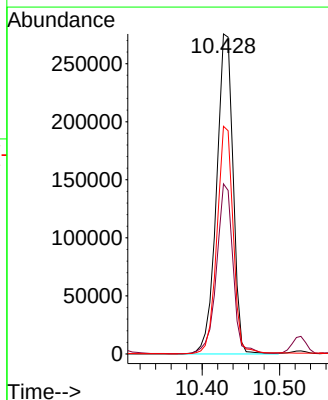
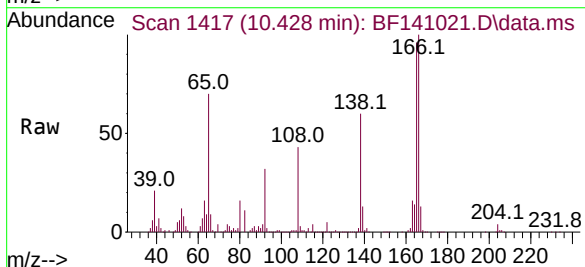
Instrument :
BNA_F
ClientSampleId :
PB165894BS

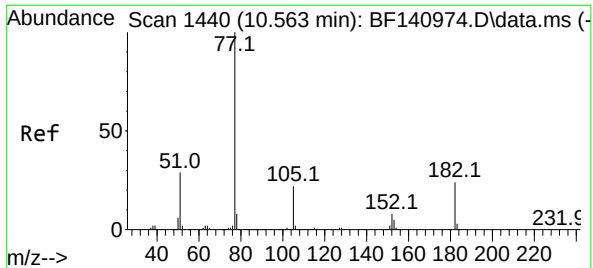
Tgt Ion:204 Resp: 844190
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 61.0 51.2 76.8



#62
4-Nitroaniline
Concen: 49.758 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:138 Resp: 409804
Ion Ratio Lower Upper
138 100
92 53.2 34.8 74.8
108 71.2 55.9 95.9

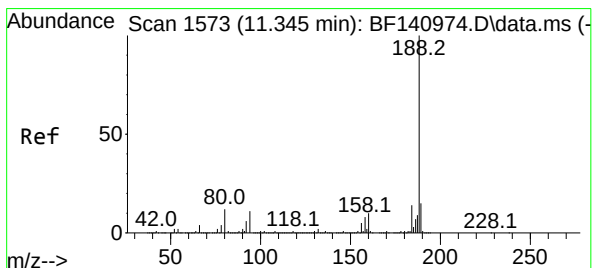
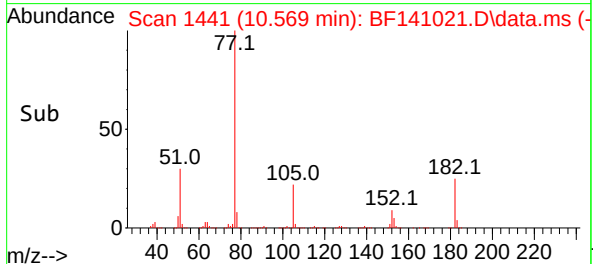
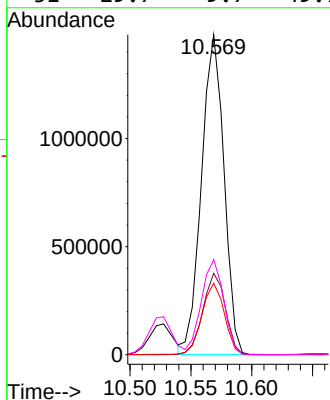
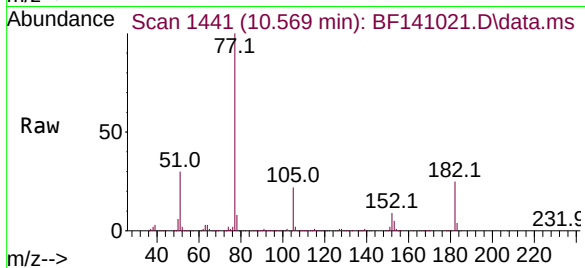




#63
Azobenzene
Concen: 49.369 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

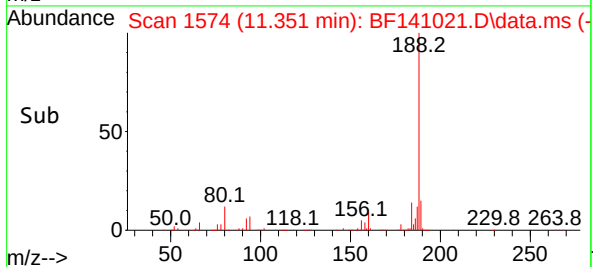
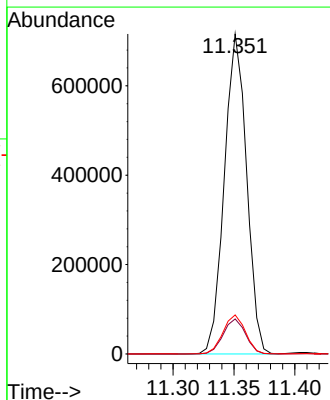
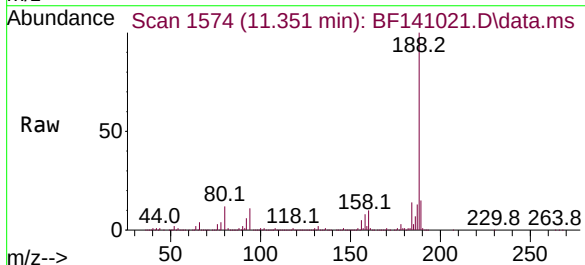
Instrument :
BNA_F
ClientSampleId :
PB165894BS

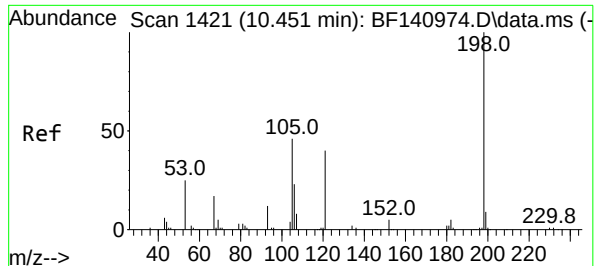
Tgt Ion: 77 Resp: 1896588
Ion Ratio Lower Upper
77 100
182 25.4 4.1 44.1
105 22.3 1.8 41.8
51 29.7 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion: 188 Resp: 910683
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 12.2 9.8 14.6

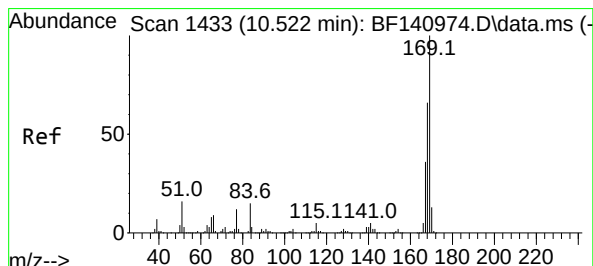
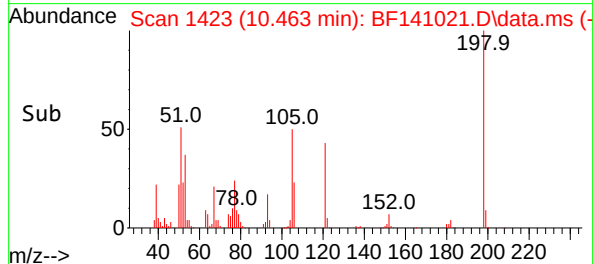
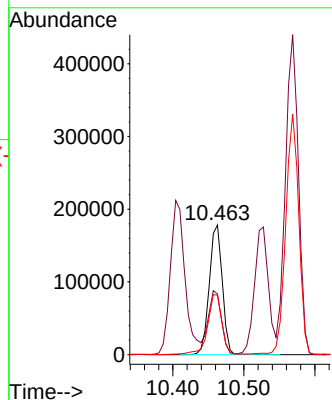
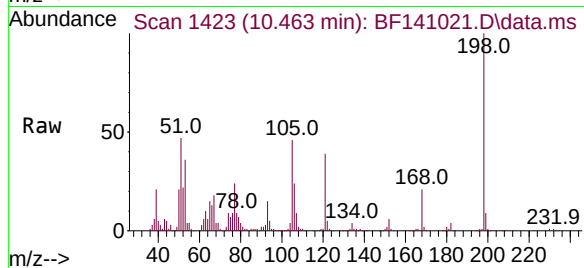




#65
4,6-Dinitro-2-methylphenol
Concen: 59.869 ng
RT: 10.463 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

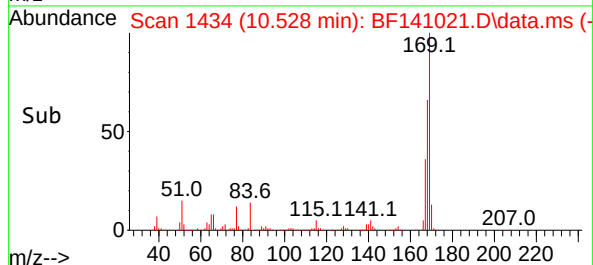
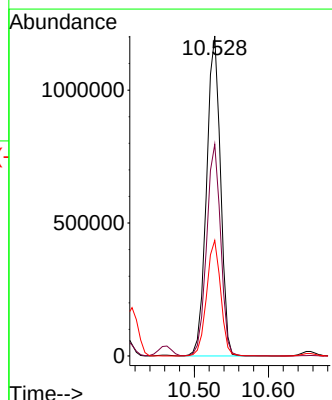
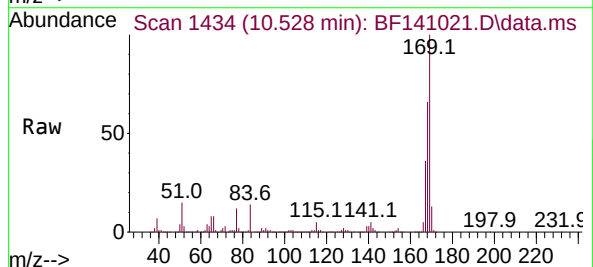
Instrument :
BNA_F
ClientSampleId :
PB165894BS

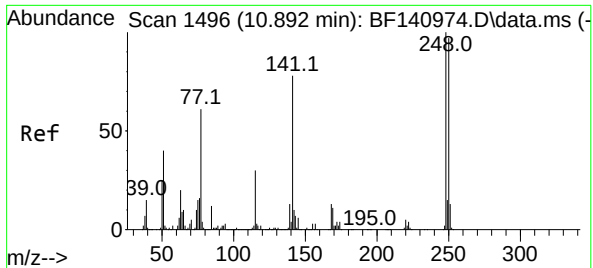
Tgt Ion:198 Resp: 227800
Ion Ratio Lower Upper
198 100
51 46.7 32.3 72.3
105 45.7 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 54.689 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:169 Resp: 1568332
Ion Ratio Lower Upper
169 100
168 66.1 52.6 79.0
167 36.1 29.0 43.4

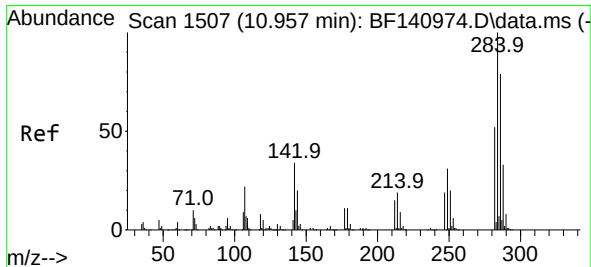
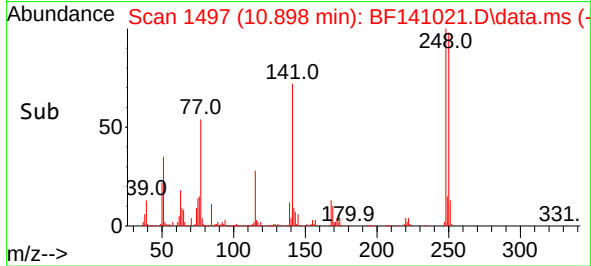
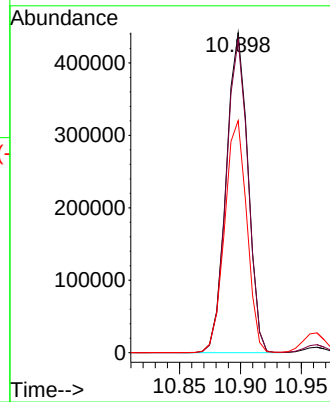
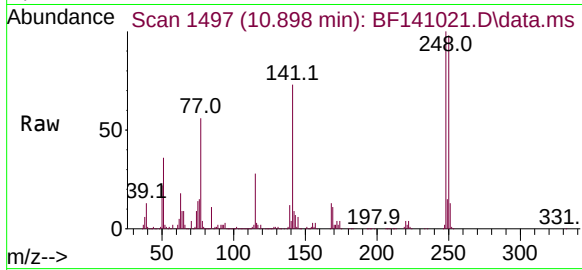




#67
4-Bromophenyl-phenylether
Concen: 55.913 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

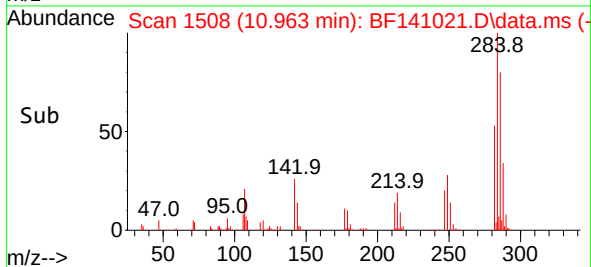
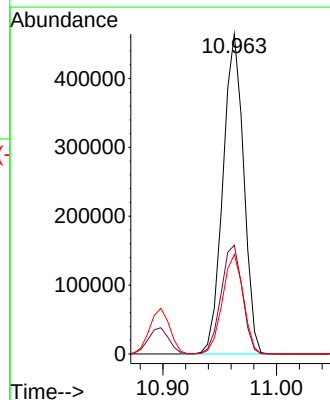
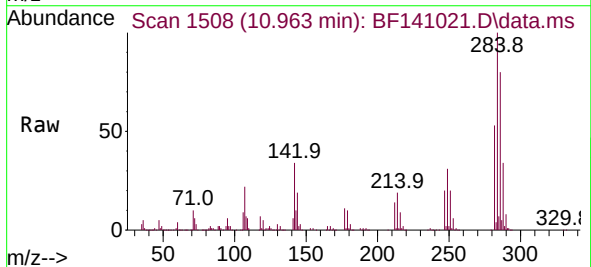
Instrument :
BNA_F
ClientSampleId :
PB165894BS

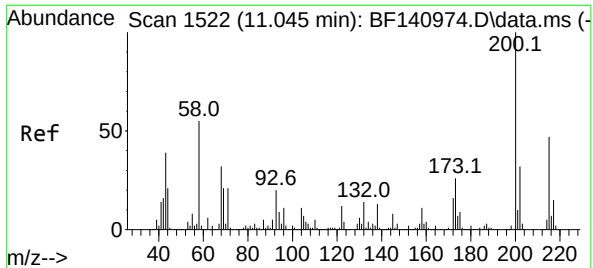
Tgt Ion:248 Resp: 550440
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 72.5 62.1 93.1



#68
Hexachlorobenzene
Concen: 54.336 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:284 Resp: 589836
Ion Ratio Lower Upper
284 100
142 34.0 27.1 40.7
249 31.1 25.1 37.7





#69

Atrazine

Concen: 65.171 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

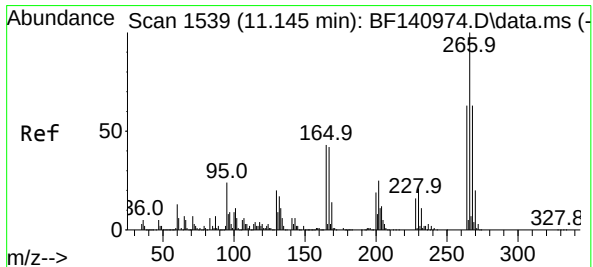
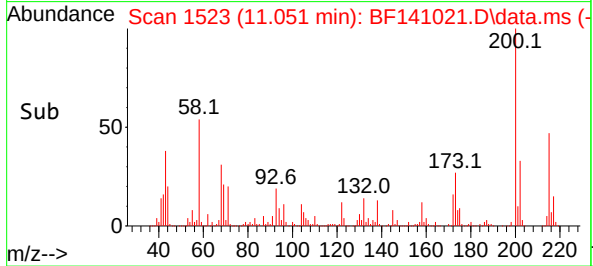
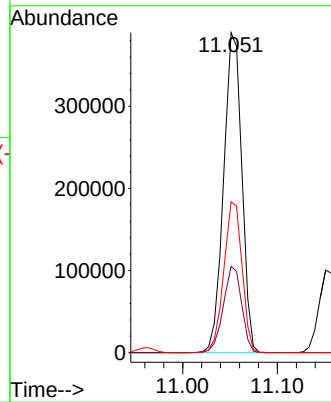
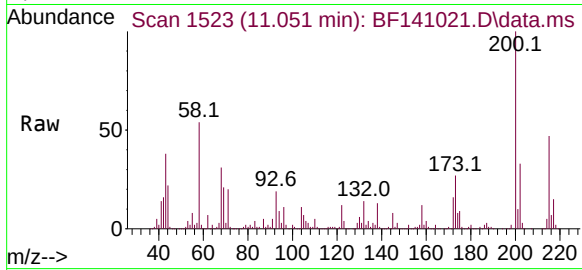
Tgt Ion:200 Resp: 522116

Ion Ratio Lower Upper

200 100

173 27.0 6.4 46.4

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 106.042 ng

RT: 11.157 min Scan# 1541

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

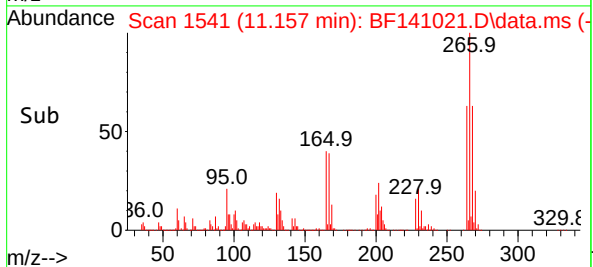
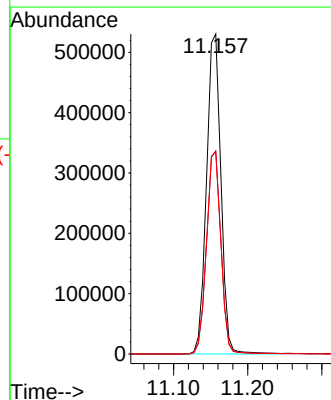
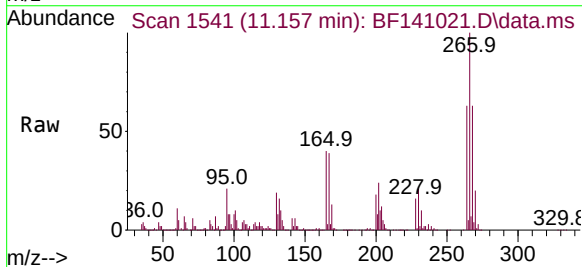
Tgt Ion:266 Resp: 716690

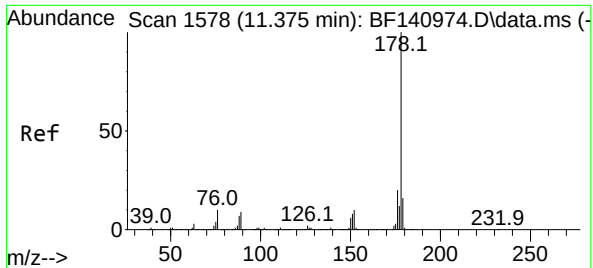
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 63.0 50.2 75.4

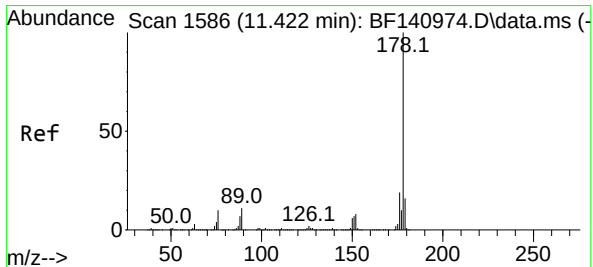
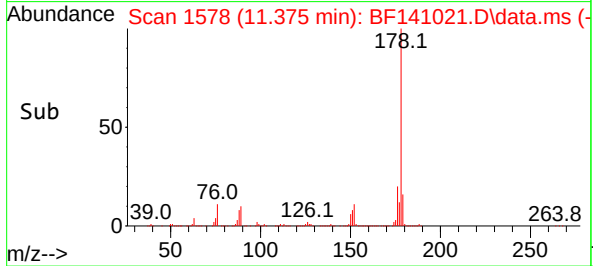
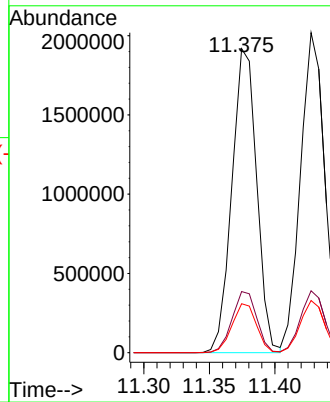
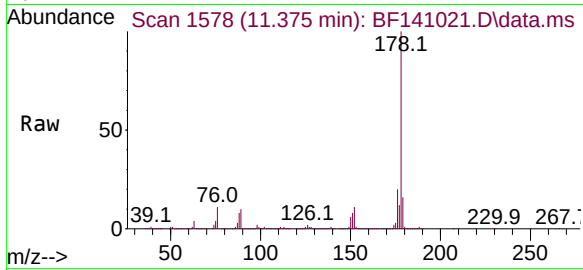




#71
Phenanthrene
Concen: 52.772 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

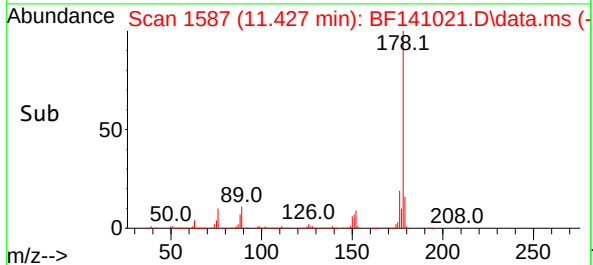
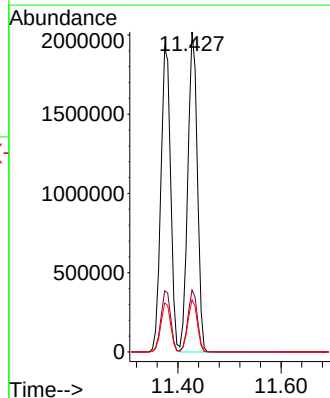
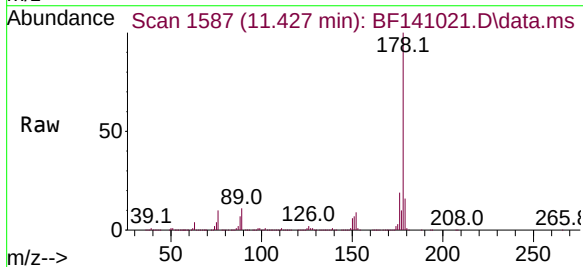
Instrument :
BNA_F
ClientSampleId :
PB165894BS

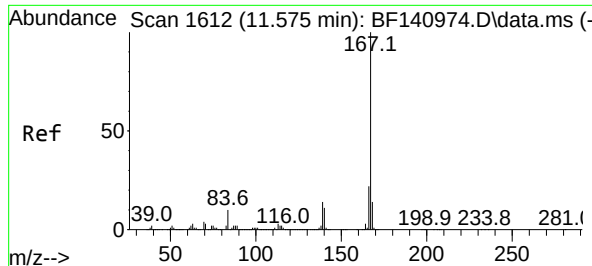
Tgt Ion:178 Resp: 2529378
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.1 12.6 19.0



#72
Anthracene
Concen: 54.684 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:178 Resp: 2568255
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 16.3 12.9 19.3

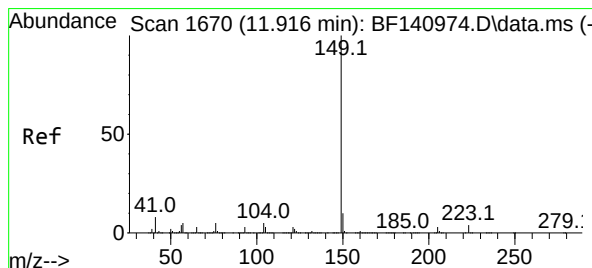
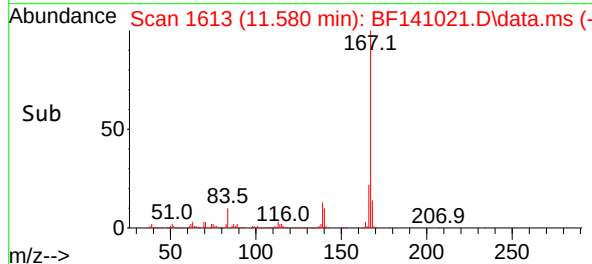
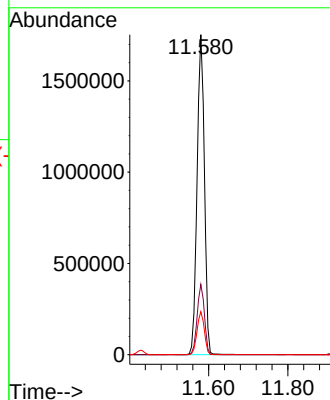
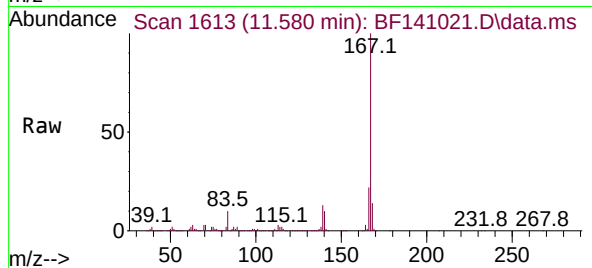




#73
Carbazole
Concen: 49.754 ng
RT: 11.580 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

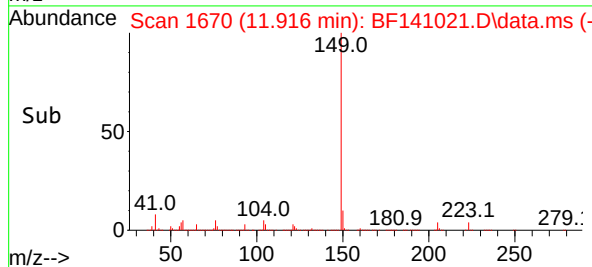
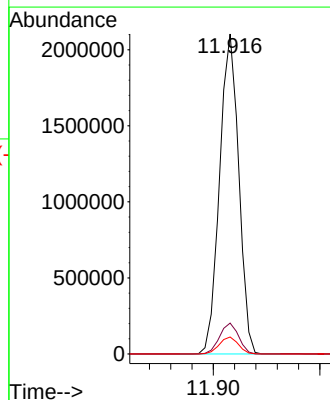
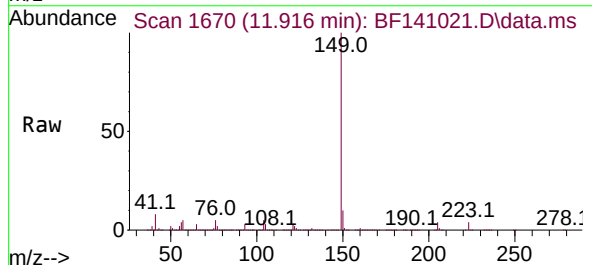
Instrument :
BNA_F
ClientSampleId :
PB165894BS

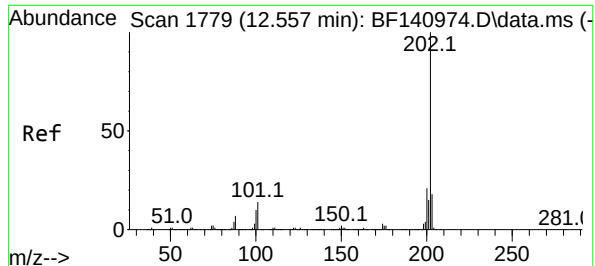
Tgt Ion:167 Resp: 2246352
Ion Ratio Lower Upper
167 100
166 22.0 17.5 26.3
139 13.4 11.0 16.4



#74
Di-n-butylphthalate
Concen: 51.005 ng
RT: 11.916 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:149 Resp: 2619214
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 46.658 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

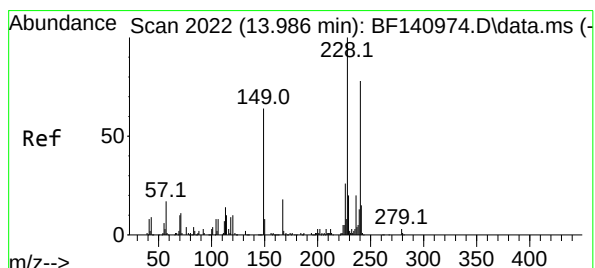
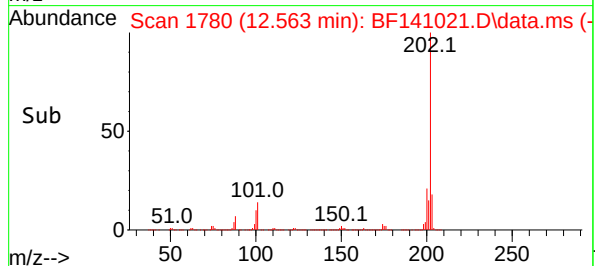
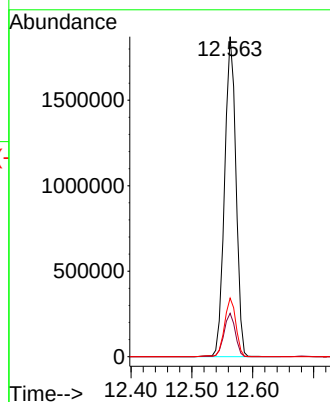
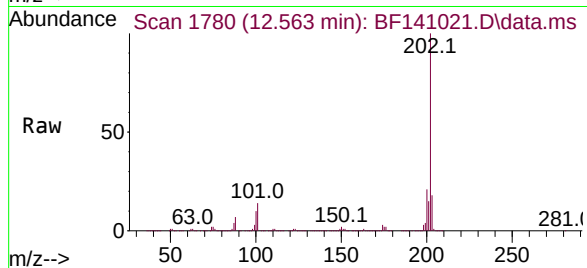
Tgt Ion:202 Resp: 2425427

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.7

203 18.3 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

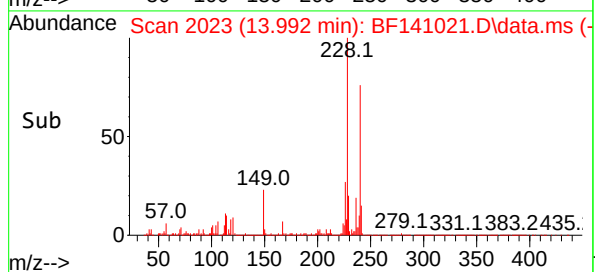
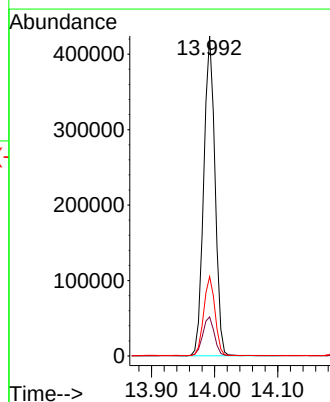
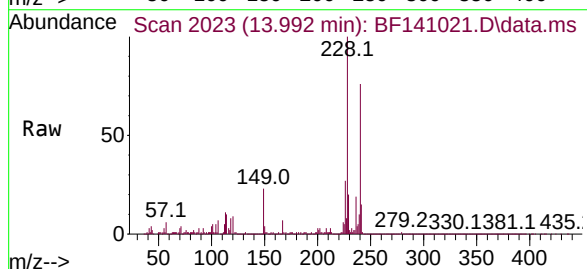
Tgt Ion:240 Resp: 524973

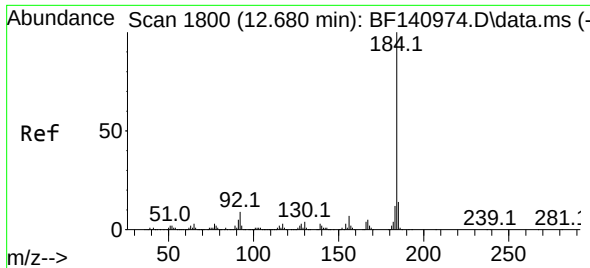
Ion Ratio Lower Upper

240 100

120 12.2 10.7 16.1

236 24.8 20.6 31.0

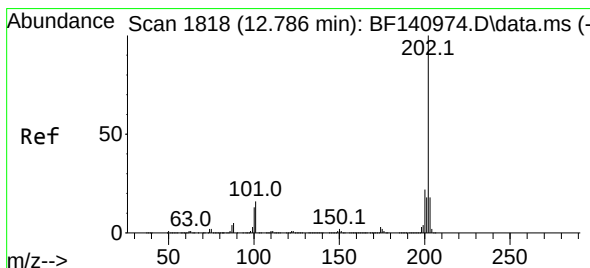
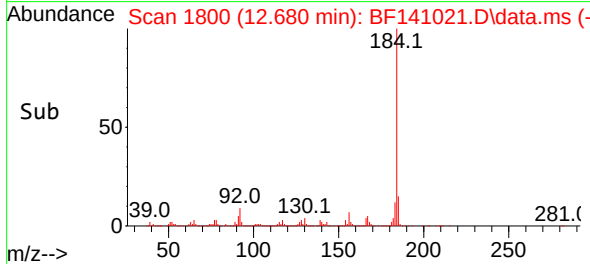
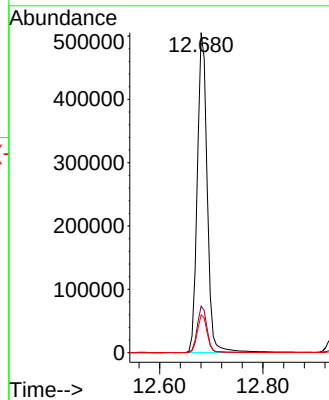
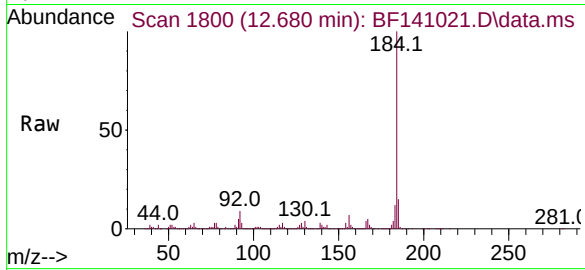




#77
Benzidine
Concen: 60.573 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

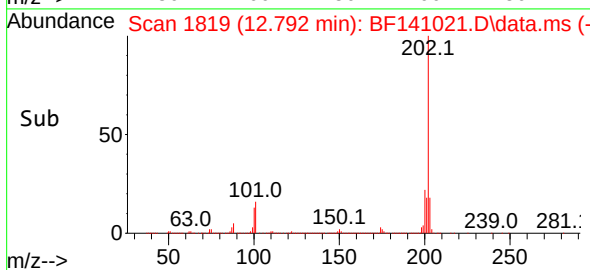
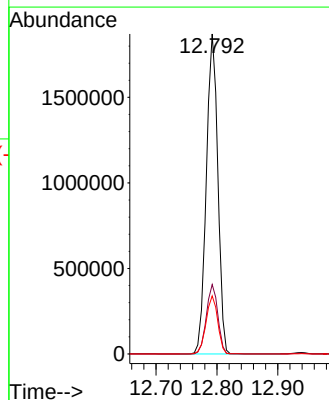
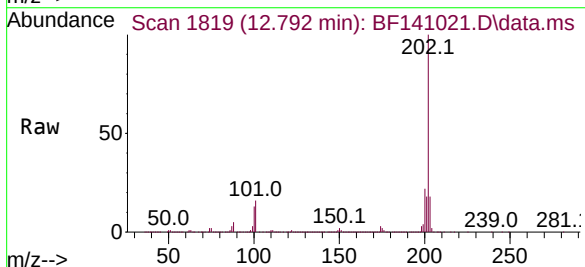
Instrument :
BNA_F
ClientSampleId :
PB165894BS

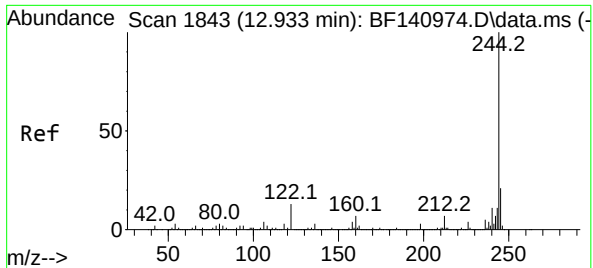
Tgt Ion:184 Resp: 672047
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.8 9.4 14.0



#78
Pyrene
Concen: 53.448 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141021.D
Acq: 30 Dec 2024 10:17

Tgt Ion:202 Resp: 2453948
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 106.188 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

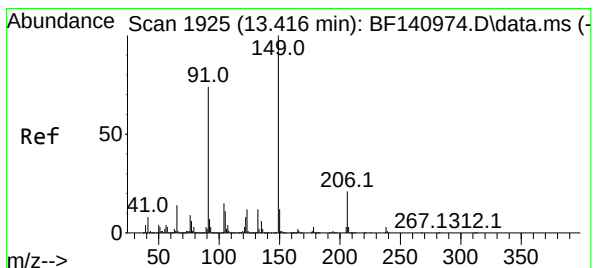
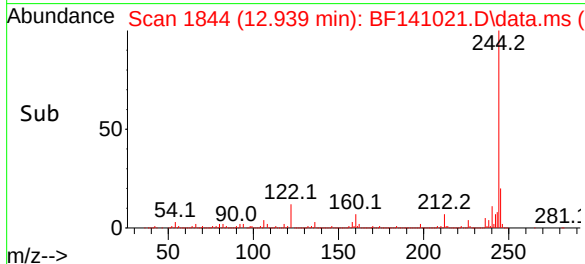
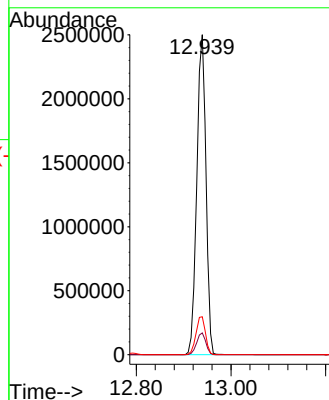
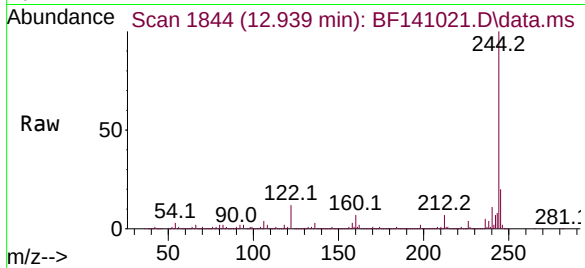
Tgt Ion:244 Resp: 3356168

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.9 10.2 15.2



#80

Butylbenzylphthalate

Concen: 51.860 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

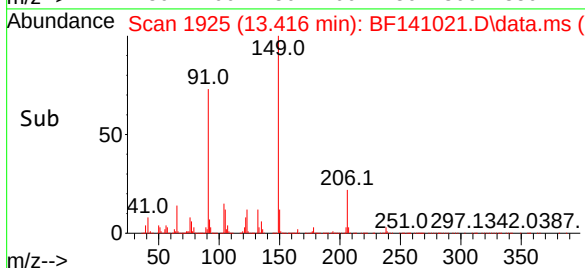
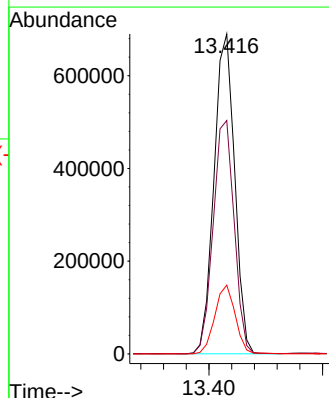
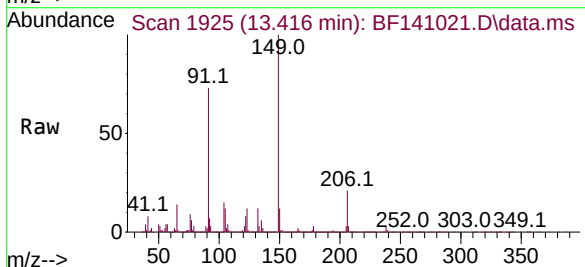
Tgt Ion:149 Resp: 869442

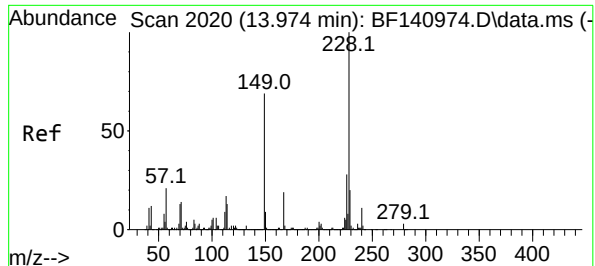
Ion Ratio Lower Upper

149 100

91 72.9 59.5 89.3

206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 47.784 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

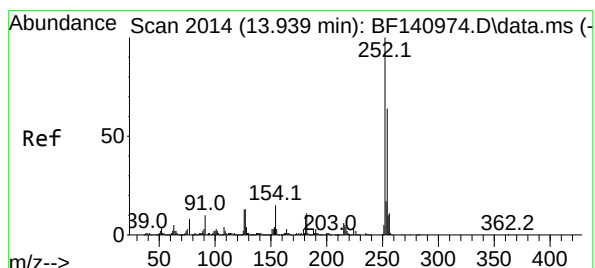
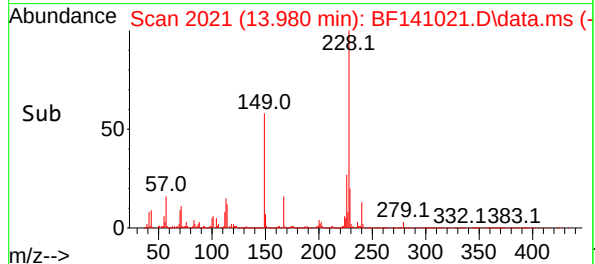
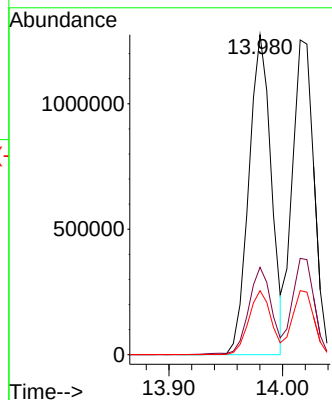
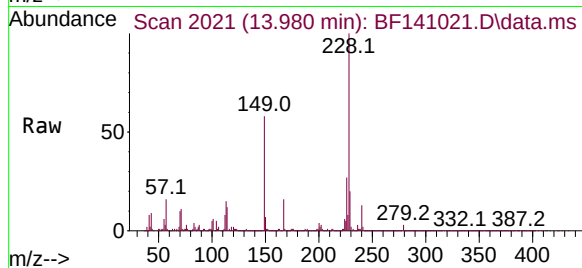
Tgt Ion:228 Resp: 1748285

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 36.249 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

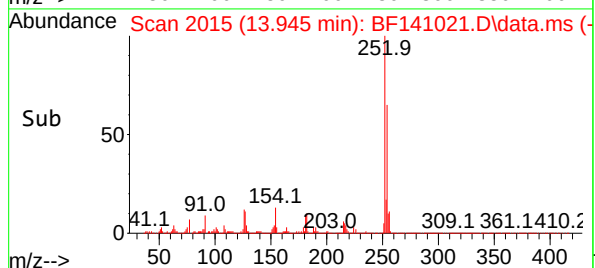
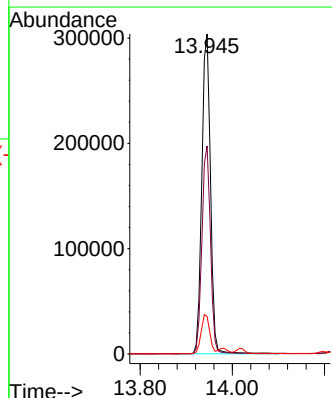
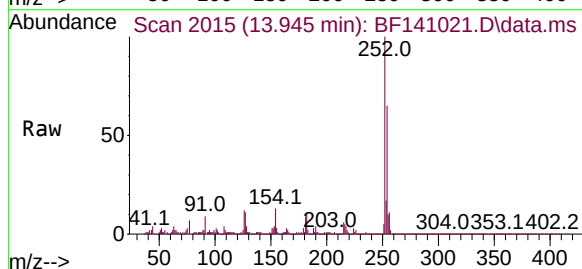
Tgt Ion:252 Resp: 398466

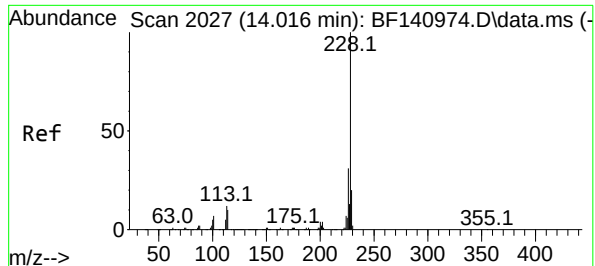
Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

126 11.7 10.3 15.5





#83

Chrysene

Concen: 50.481 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

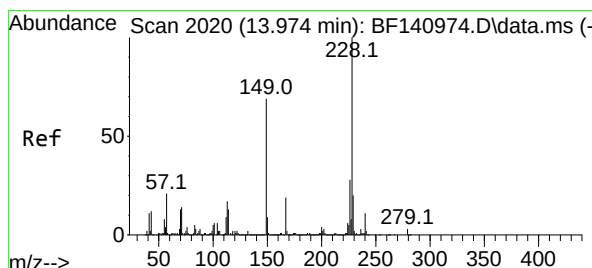
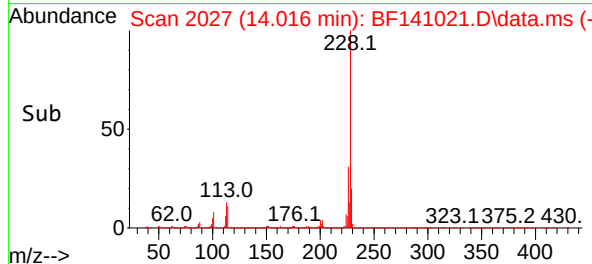
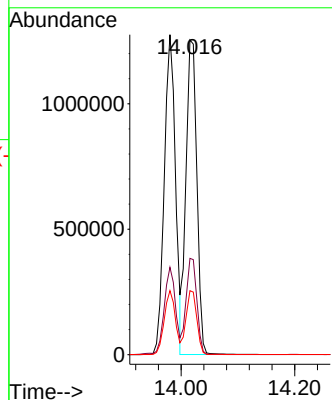
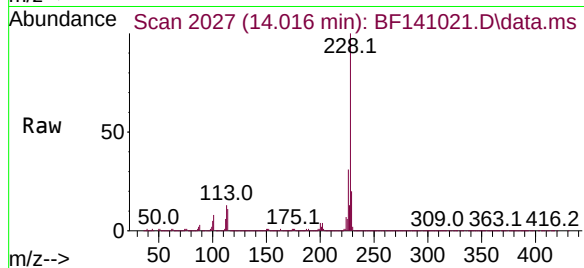
Tgt Ion:228 Resp: 1664973

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.005 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

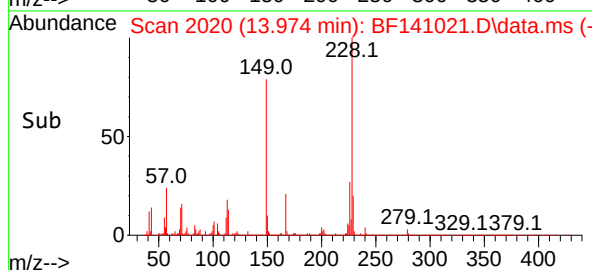
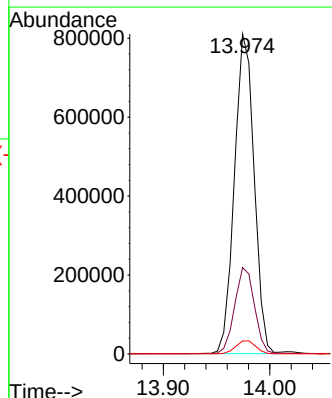
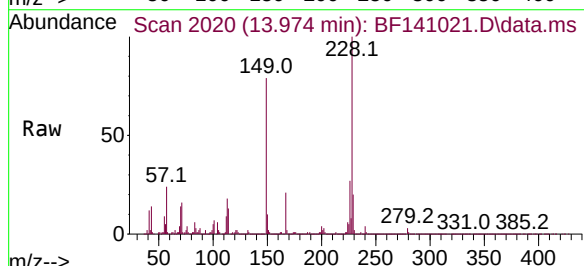
Tgt Ion:149 Resp: 1043963

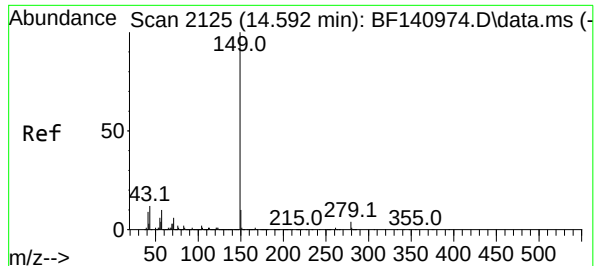
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.375 ng

RT: 14.598 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

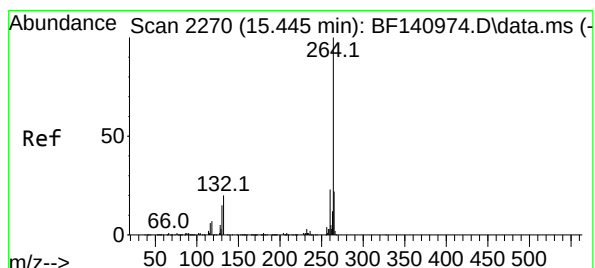
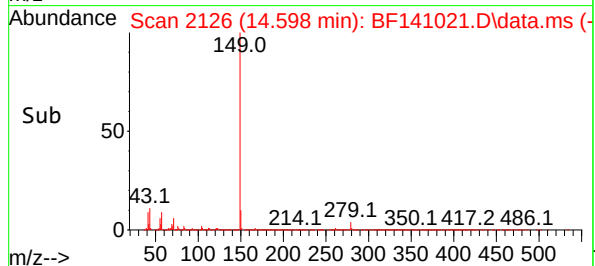
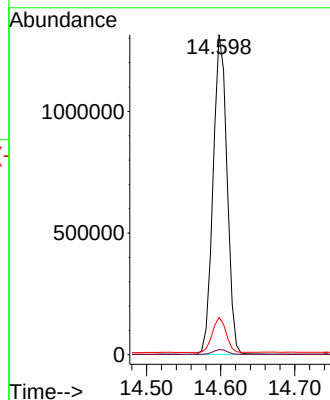
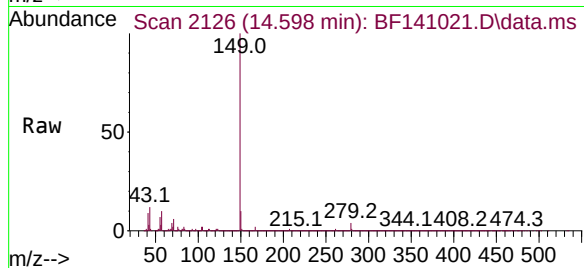
Tgt Ion:149 Resp: 1711465

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

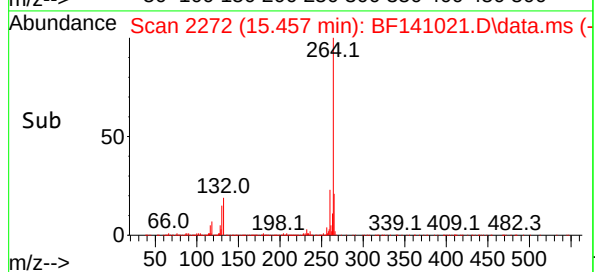
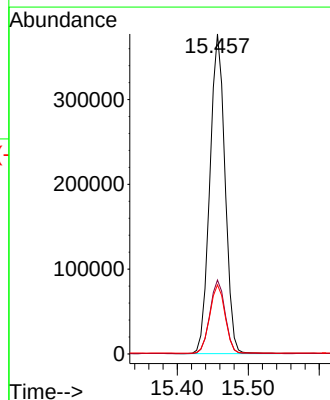
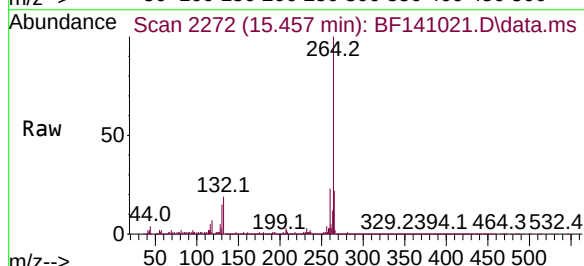
Tgt Ion:264 Resp: 559032

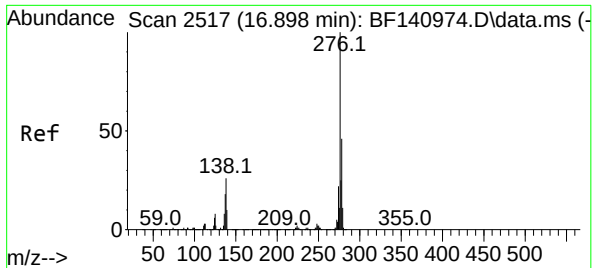
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.116 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

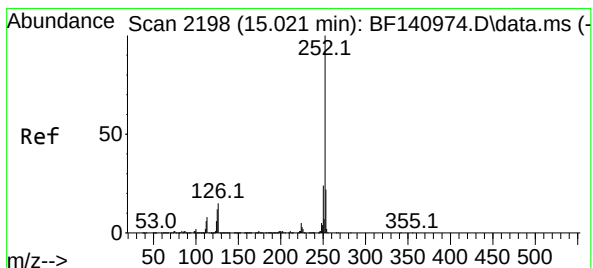
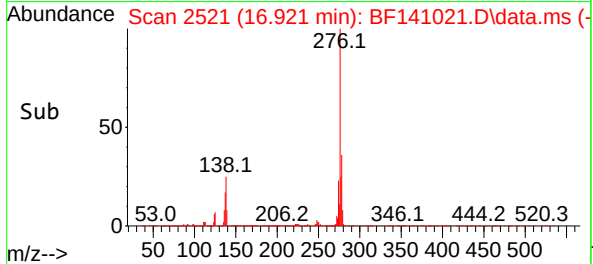
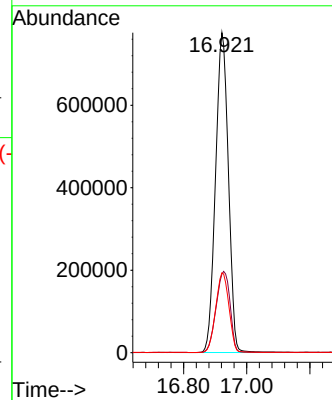
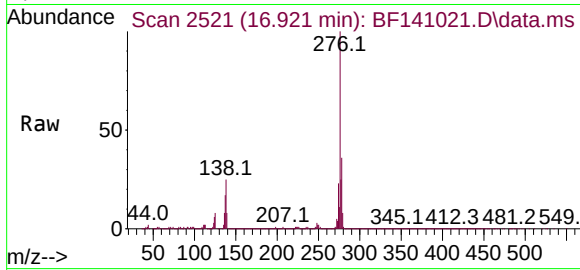
Tgt Ion:276 Resp: 2187757

Ion Ratio Lower Upper

276 100

138 27.5 23.1 34.7

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.248 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

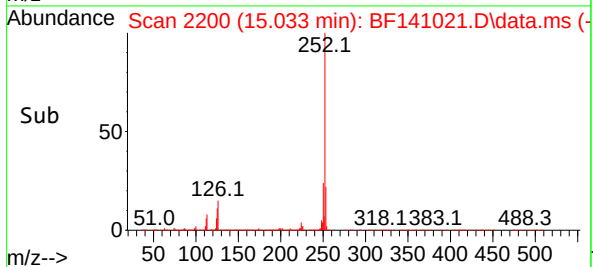
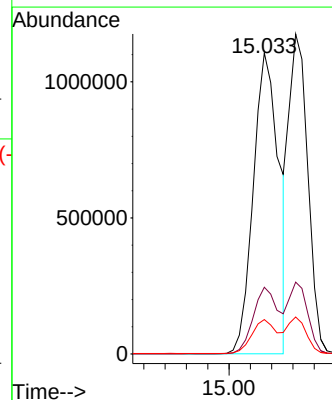
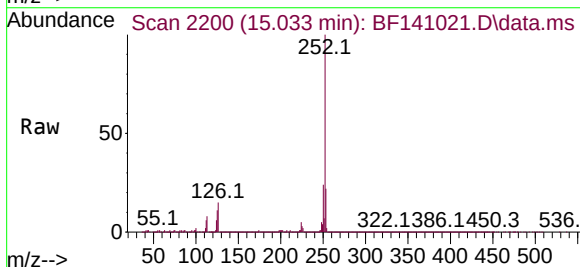
Tgt Ion:252 Resp: 1842176

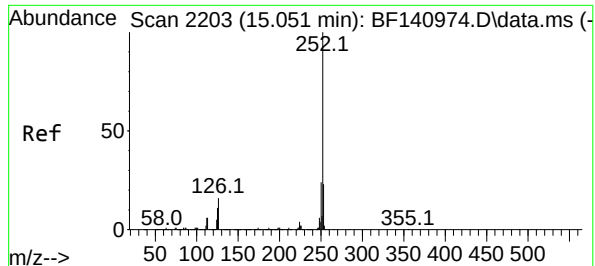
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 47.991 ng

RT: 15.063 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

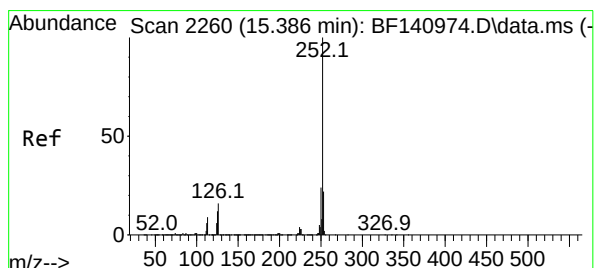
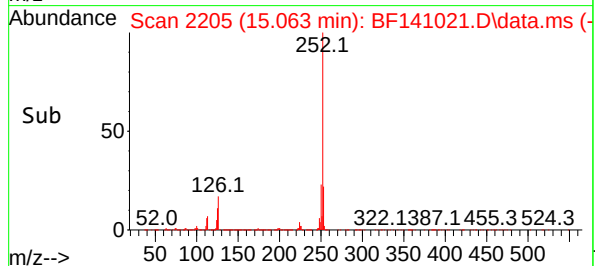
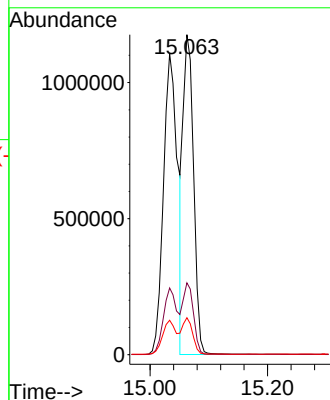
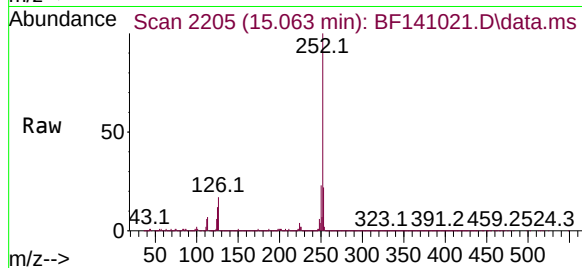
Tgt Ion:252 Resp: 1466521

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.6 9.4 14.0



#90

Benzo(a)pyrene

Concen: 53.768 ng

RT: 15.398 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

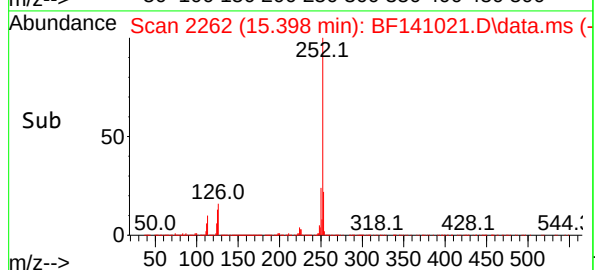
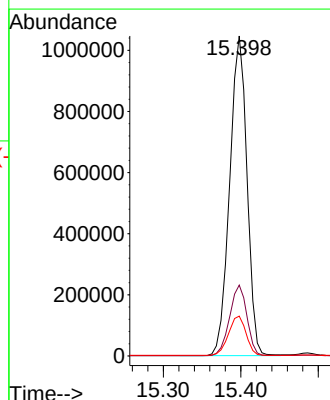
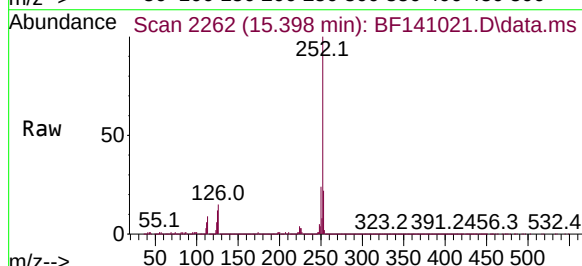
Tgt Ion:252 Resp: 1627162

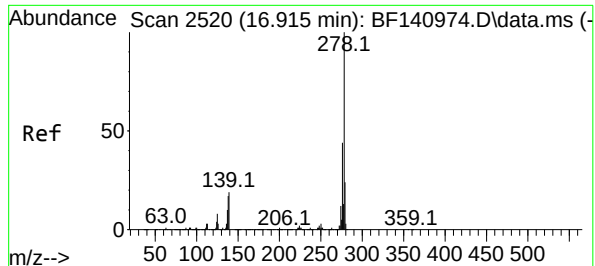
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.4 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 61.023 ng

RT: 16.945 min Scan# 2520

Delta R.T. 0.029 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165894BS

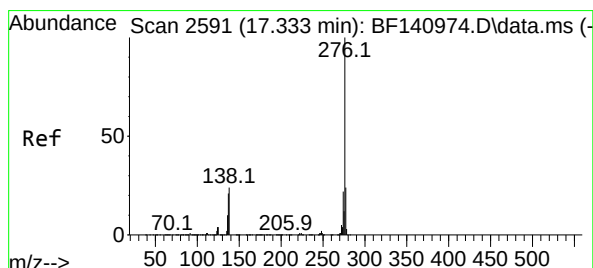
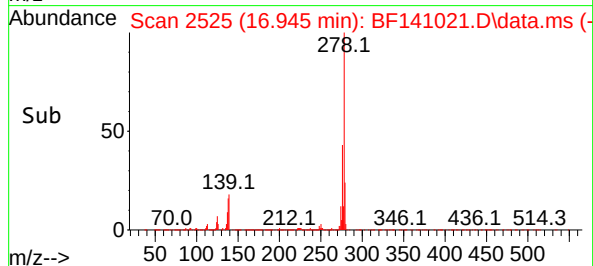
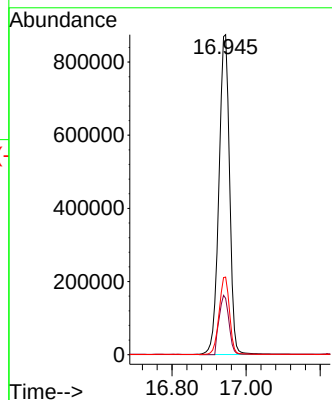
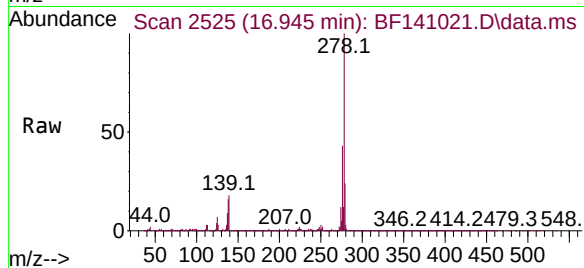
Tgt Ion:278 Resp: 1742189

Ion Ratio Lower Upper

278 100

139 17.6 14.9 22.3

279 24.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 57.115 ng

RT: 17.362 min Scan# 2596

Delta R.T. 0.029 min

Lab File: BF141021.D

Acq: 30 Dec 2024 10:17

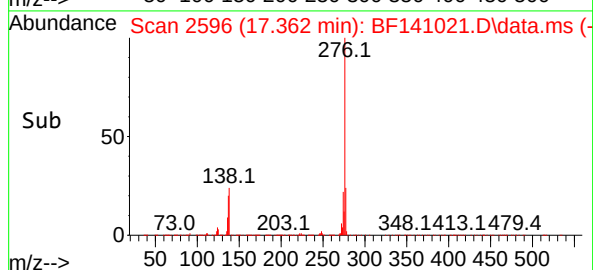
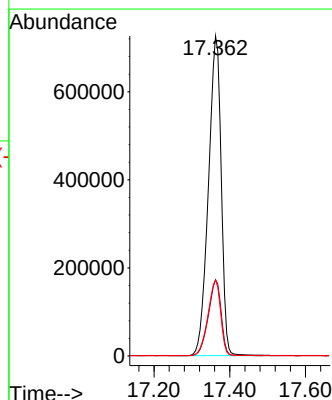
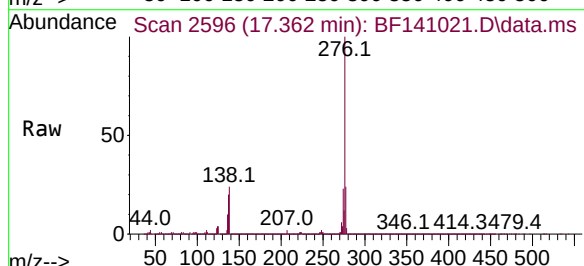
Tgt Ion:276 Resp: 1691257

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 23.8 19.4 29.2



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219MS	SDG No.:	P5362
Lab Sample ID:	P5362-02MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141050.D	1	12/27/24 10:25	12/31/24 11:23	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	310		15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	490		8.40	50.0	ug/L
95-48-7	2-Methylphenol	530		11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	510		11.5	100	ug/L
67-72-1	Hexachloroethane	510		10.1	50.0	ug/L
98-95-3	Nitrobenzene	560		12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	500		12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	570		8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	570		10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	660		15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	570		11.4	50.0	ug/L
87-86-5	Pentachlorophenol	1200	E	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	148		10 - 139	99%	SPK: 150
13127-88-3	Phenol-d6	144		10 - 134	96%	SPK: 150
4165-60-0	Nitrobenzene-d5	130		49 - 133	130%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		52 - 132	104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	190		44 - 137	126%	SPK: 150
1718-51-0	Terphenyl-d14	126	*	48 - 125	126%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	230000		6.828		
1146-65-2	Naphthalene-d8	919000		8.11		
15067-26-2	Acenaphthene-d10	497000		9.863		
1517-22-2	Phenanthrene-d10	836000		11.345		
1719-03-5	Chrysene-d12	393000		13.986		
1520-96-3	Perylene-d12	477000		15.445		

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/19/24
Project:	Con Ed Non-MGP - East River SI 453648		Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219MS		SDG No.:	P5362
Lab Sample ID:	P5362-02MS		Matrix:	TCLP
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141050.D	1	12/27/24 10:25	12/31/24 11:23	PB165894

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\BF123124\
 Data File : BF141050.D
 Acq On : 31 Dec 2024 11:23
 Operator : RC/JU
 Sample : P5362-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219MS

Quant Time: Dec 31 11:45:58 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	230352	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	918976	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	496643	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	836009	20.000	ng	0.00
76) Chrysene-d12	13.986	240	393323	20.000	ng	0.00
86) Perylene-d12	15.445	264	476566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	2262446	148.050	ng	0.02
7) Phenol-d6	6.457	99	2830397	143.777	ng	0.00
23) Nitrobenzene-d5	7.393	82	1871617	130.300	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	914930	189.587	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	3229458	103.602	ng	0.00
79) Terphenyl-d14	12.933	244	2975359	125.649	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	310180	44.833	ng	# 84
3) Pyridine	3.463	79	522650	30.912	ng	99
4) n-Nitrosodimethylamine	3.399	42	408779	47.717	ng	99
6) Aniline	6.493	93	315670	17.980	ng	95
8) 2-Chlorophenol	6.616	128	877019	54.434	ng	96
10) Phenol	6.475	94	1004742	49.359	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	807414	49.124	ng	98
12) 1,3-Dichlorobenzene	6.769	146	862839	48.526	ng	100
13) 1,4-Dichlorobenzene	6.846	146	876168	48.881	ng	99
14) 1,2-Dichlorobenzene	6.998	146	838846	50.193	ng	99
15) Benzyl Alcohol	6.969	79	723992	51.178	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1261181	50.739	ng	99
17) 2-Methylphenol	7.081	107	704093	52.603	ng	99
18) Hexachloroethane	7.345	117	323278	50.770	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	617566	51.207	ng	99
20) 3+4-Methylphenols	7.234	107	859164	50.723	ng	# 86
22) Acetophenone	7.240	105	1121412	49.744	ng	97
24) Nitrobenzene	7.410	77	897277	55.904	ng	97
25) Isophorone	7.651	82	1646747	52.685	ng	99
26) 2-Nitrophenol	7.728	139	448067	65.898	ng	98
27) 2,4-Dimethylphenol	7.763	122	707452	61.930	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1008599	50.930	ng	99
29) 2,4-Dichlorophenol	7.963	162	717237	55.360	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	721653	49.213	ng	100
31) Naphthalene	8.134	128	2395909	49.477	ng	100
32) Benzoic acid	7.875	122	539358	55.871	ng	97
33) 4-Chloroaniline	8.175	127	81811	4.670	ng	99
34) Hexachlorobutadiene	8.251	225	436407	50.482	ng	100
35) Caprolactam	8.545	113	198493m	45.067	ng	
36) 4-Chloro-3-methylphenol	8.657	107	776315	53.955	ng	99
37) 2-Methylnaphthalene	8.822	142	1605935	51.840	ng	99
38) 1-Methylnaphthalene	8.922	142	1495035	49.105	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	711829	52.098	ng	99
41) Hexachlorocyclopentadiene	8.975	237	853450	188.489	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	520399	57.227	ng	99
44) 2,4,5-Trichlorophenol	9.139	196	529687	56.928	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141050.D
 Acq On : 31 Dec 2024 11:23
 Operator : RC/JU
 Sample : P5362-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219MS

Quant Time: Dec 31 11:45:58 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

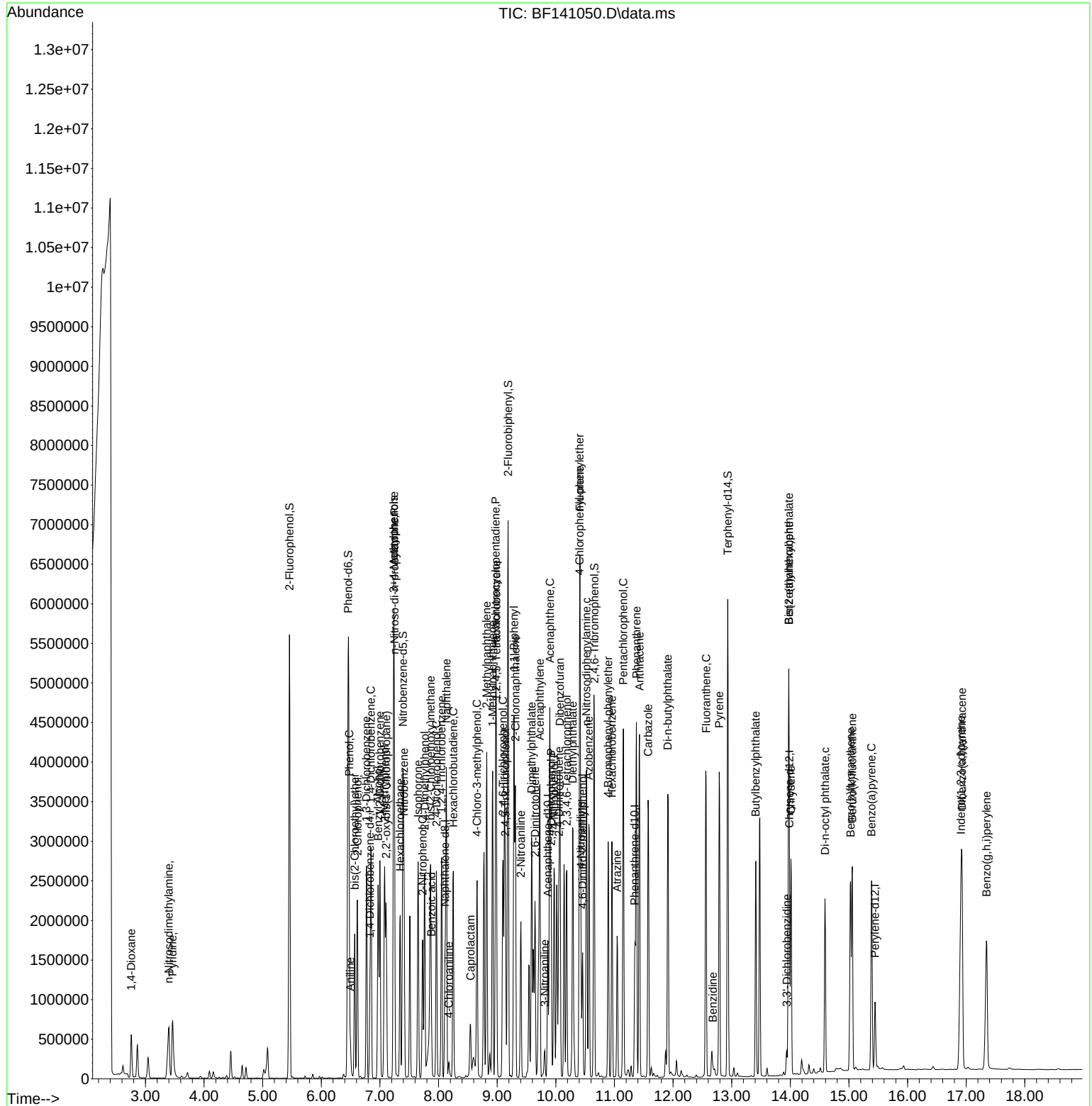
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.287	154	1945296	51.155	ng	100
47) 2-Chloronaphthalene	9.310	162	1484568	50.336	ng	99
48) 2-Nitroaniline	9.404	65	468373	59.476	ng	93
49) Acenaphthylene	9.728	152	2307406	54.347	ng	99
50) Dimethylphthalate	9.586	163	1802824	55.187	ng	100
51) 2,6-Dinitrotoluene	9.645	165	409385	60.426	ng	96
52) Acenaphthene	9.898	154	1728479	60.220	ng	99
53) 3-Nitroaniline	9.810	138	75559	12.985	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	451441	131.272	ng	# 1
55) Dibenzofuran	10.069	168	2117754	52.501	ng	99
56) 4-Nitrophenol	9.975	139	673553	120.535	ng	95
57) 2,4-Dinitrotoluene	10.051	165	553721	66.054	ng	94
58) Fluorene	10.410	166	1590906	50.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	465162	60.364	ng	98
60) Diethylphthalate	10.286	149	1737471	53.874	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	788959	52.419	ng	98
62) 4-Nitroaniline	10.428	138	337363	46.707	ng	93
63) Azobenzene	10.563	77	1728825	51.072	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	301414	82.168	ng	93
66) n-Nitrosodiphenylamine	10.522	169	1393151	52.920	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	527647	58.385	ng	99
68) Hexachlorobenzene	10.957	284	567260	56.924	ng	100
69) Atrazine	11.045	200	298407	40.574	ng	99
70) Pentachlorophenol	11.151	266	722306	116.419	ng	100
71) Phenanthrene	11.375	178	2365531	53.762	ng	100
72) Anthracene	11.428	178	2382942	55.270	ng	100
73) Carbazole	11.575	167	2027569	48.920	ng	100
74) Di-n-butylphthalate	11.910	149	2576813	54.661	ng	100
75) Fluoranthene	12.563	202	2256974	47.295	ng	98
77) Benzidine	12.680	184	57535	6.922	ng	# 93
78) Pyrene	12.786	202	2203962	64.070	ng	100
80) Butylbenzylphthalate	13.410	149	823945	65.596	ng	100
81) Benzo(a)anthracene	13.974	228	1381591	50.400	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	96417	11.707	ng	98
83) Chrysene	14.010	228	1341215	54.275	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	918706	56.385	ng	99
85) Di-n-octyl phthalate	14.592	149	1421857	60.294	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	2041908	68.008	ng	98
88) Benzo(b)fluoranthene	15.027	252	1533522	46.138	ng	99
89) Benzo(k)fluoranthene	15.057	252	1392896	53.469	ng	99
90) Benzo(a)pyrene	15.386	252	1474947	57.172	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1657060	68.084	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1553299	61.533	ng	99

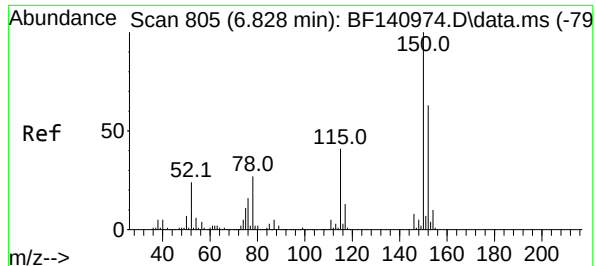
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF141050.D  
Acq On    : 31 Dec 2024  11:23  
Operator  : RC/JU  
Sample    : P5362-02MS  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

Quant Time: Dec 31 11:45:58 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

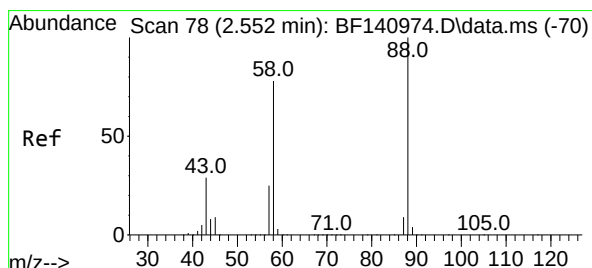
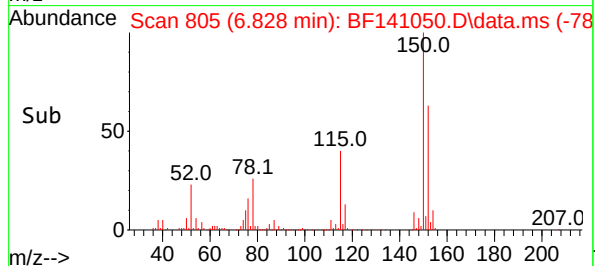
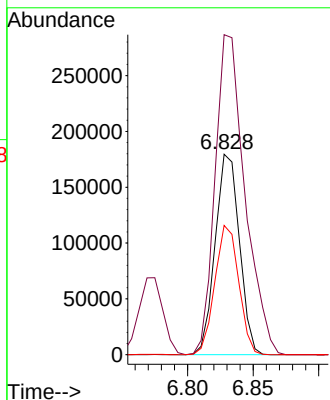
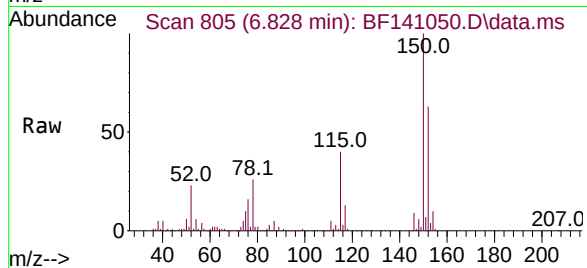




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

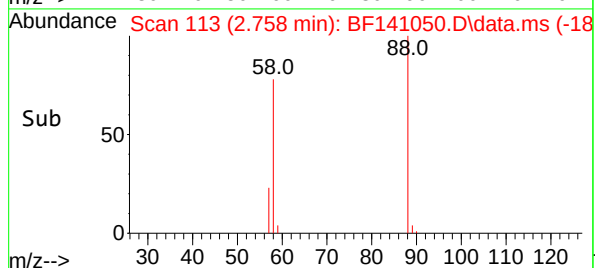
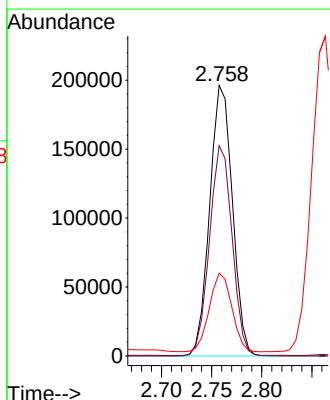
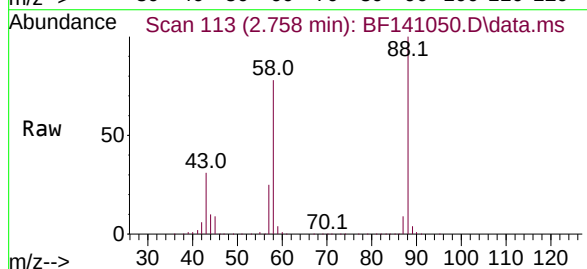
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

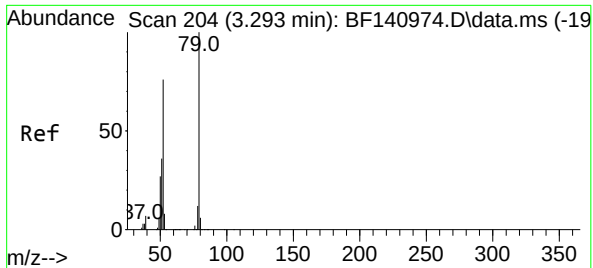
Tgt Ion:152 Resp: 230352
Ion Ratio Lower Upper
152 100
150 159.6 127.0 190.6
115 64.5 51.7 77.5



#2
1,4-Dioxane
Concen: 44.833 ng
RT: 2.758 min Scan# 113
Delta R.T. 0.206 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 88 Resp: 310180
Ion Ratio Lower Upper
88 100
58 76.9 63.0 94.4
43 0.0 23.4 35.2

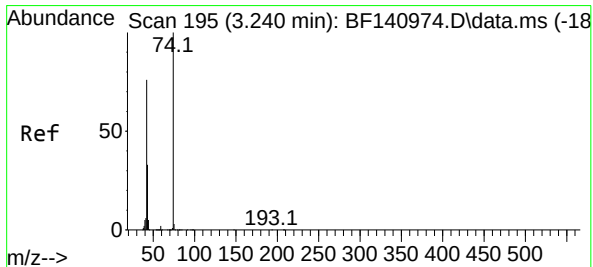
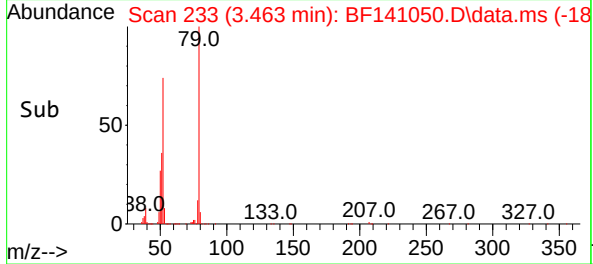
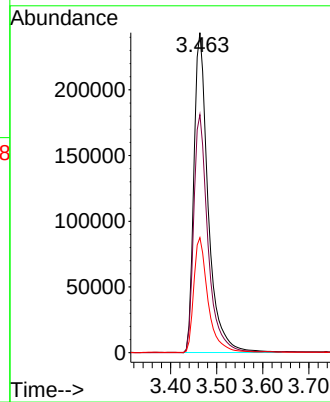
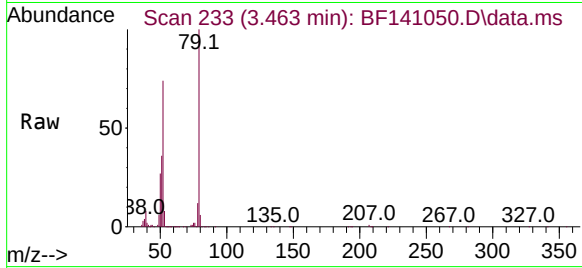




#3
Pyridine
Concen: 30.912 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.171 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

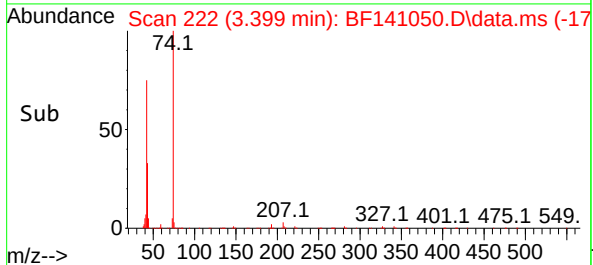
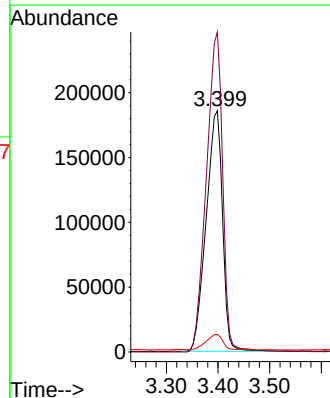
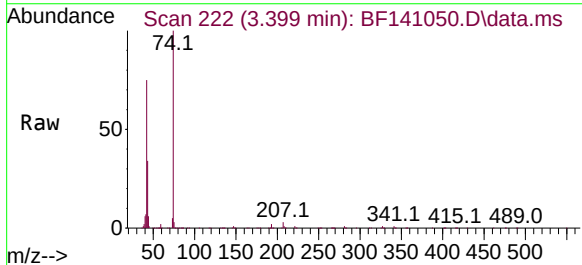
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

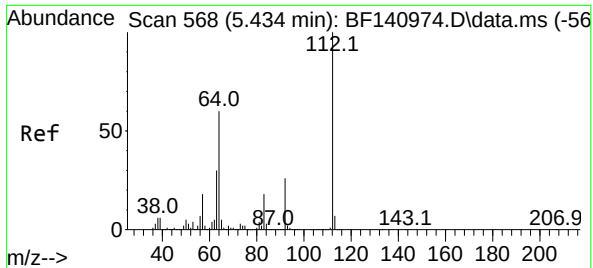
Tgt Ion: 79 Resp: 522650
Ion Ratio Lower Upper
79 100
52 74.4 60.4 90.6
51 35.9 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 47.717 ng
RT: 3.399 min Scan# 222
Delta R.T. 0.159 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 42 Resp: 408779
Ion Ratio Lower Upper
42 100
74 132.7 105.8 158.6
44 7.3 6.6 10.0

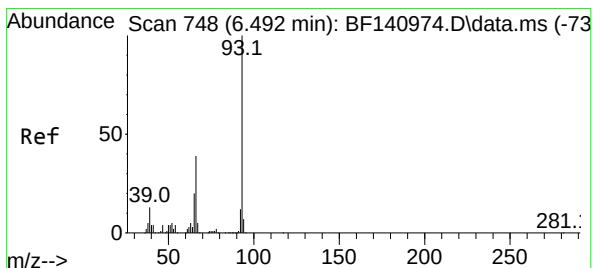
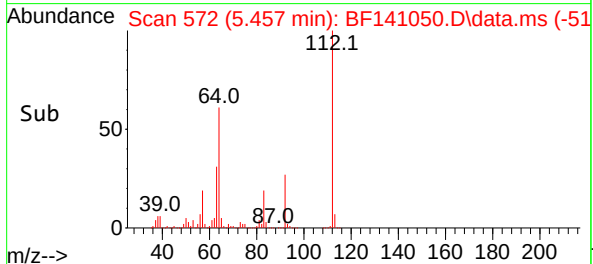
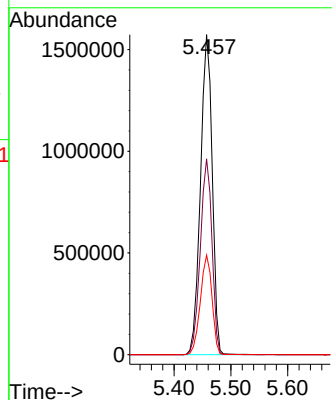
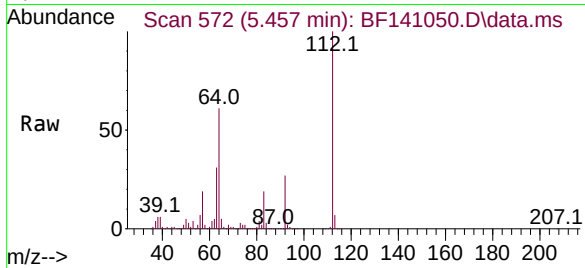




#5
2-Fluorophenol
Concen: 148.050 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

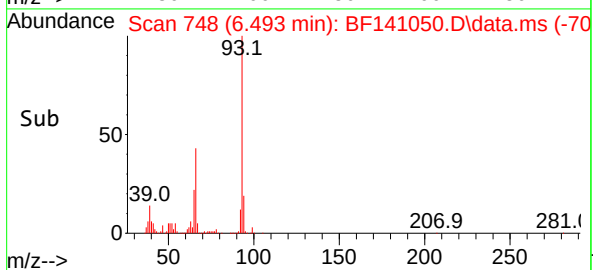
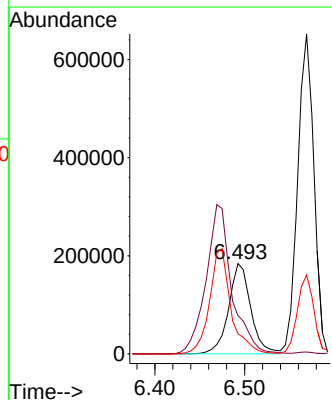
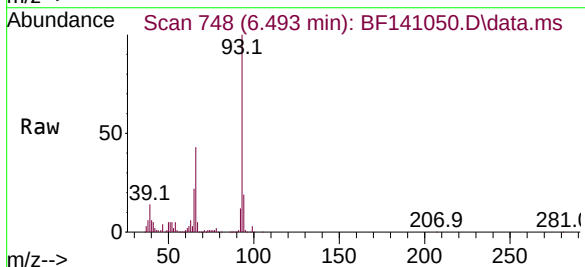
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

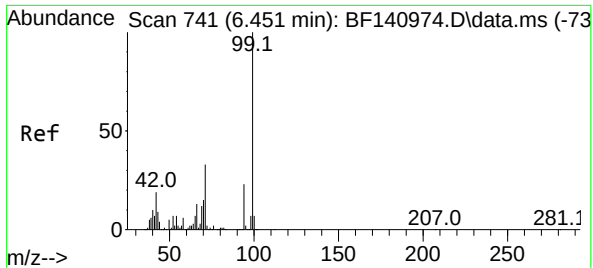
Tgt Ion:112 Resp: 2262446
Ion Ratio Lower Upper
112 100
64 61.2 47.7 71.5
63 31.1 24.2 36.2



#6
Aniline
Concen: 17.980 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 93 Resp: 315670
Ion Ratio Lower Upper
93 100
66 42.5 31.8 47.8
65 22.3 15.4 23.0

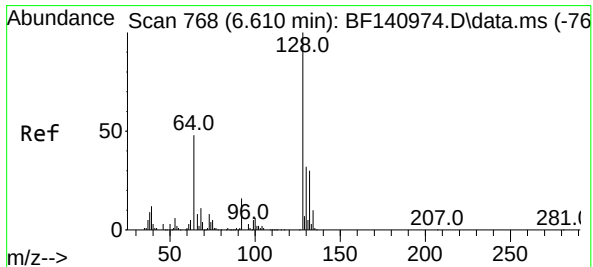
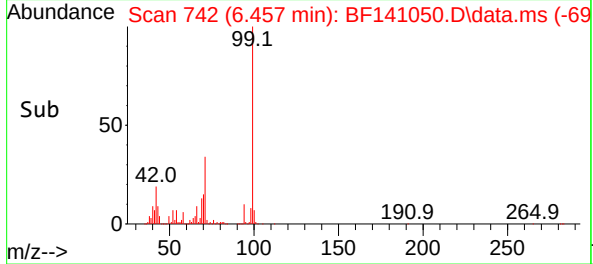
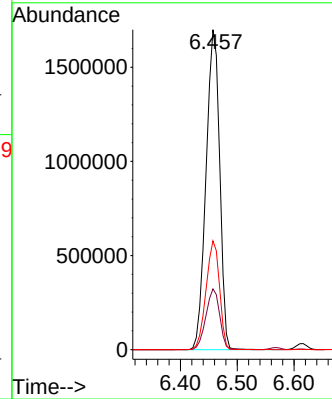
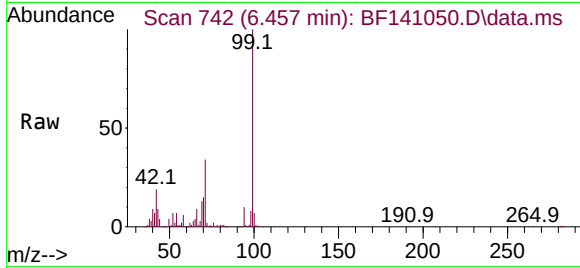




#7
Phenol-d6
Concen: 143.777 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

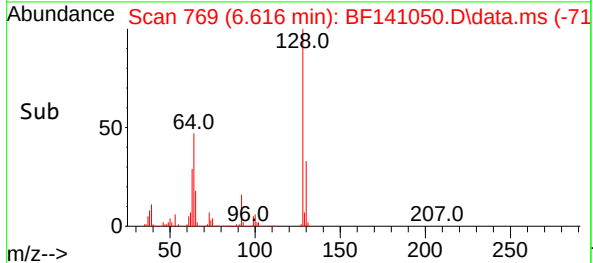
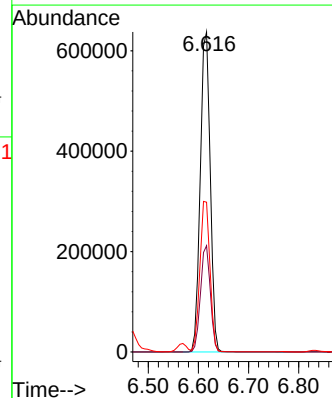
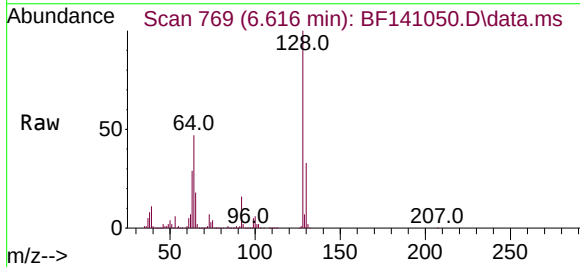
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

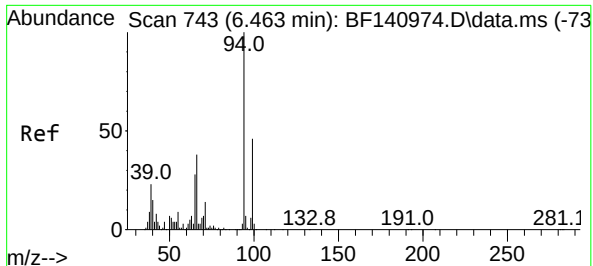
Tgt Ion: 99 Resp: 2830397
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 34.0 26.2 39.2



#8
2-Chlorophenol
Concen: 54.434 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 128 Resp: 877019
Ion Ratio Lower Upper
128 100
130 33.2 12.2 52.2
64 46.8 30.3 70.3

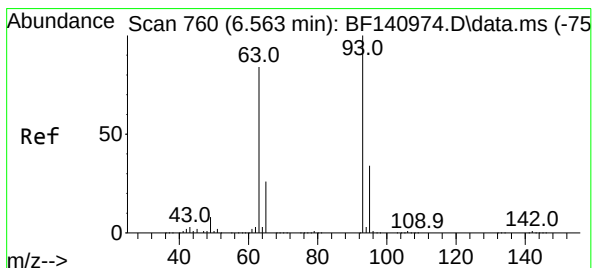
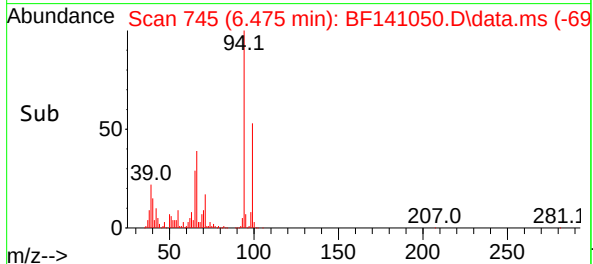
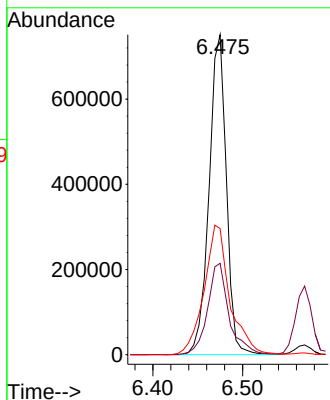
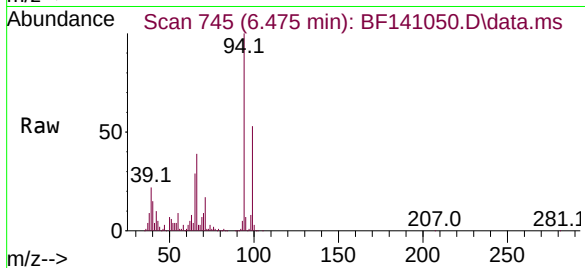




#10
Phenol
Concen: 49.359 ng
RT: 6.475 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

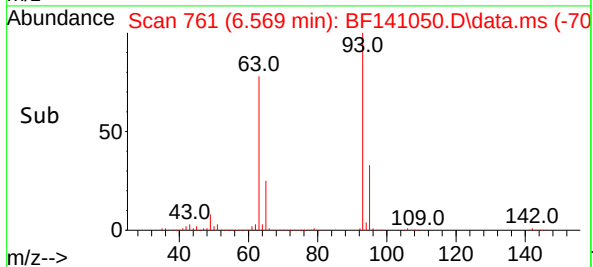
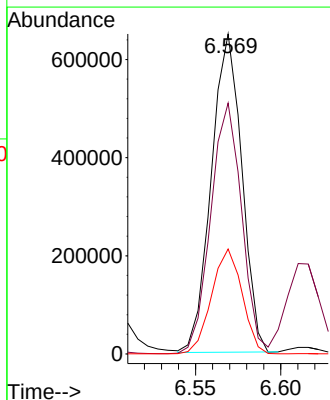
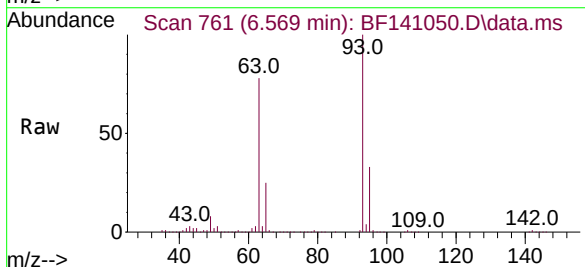
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

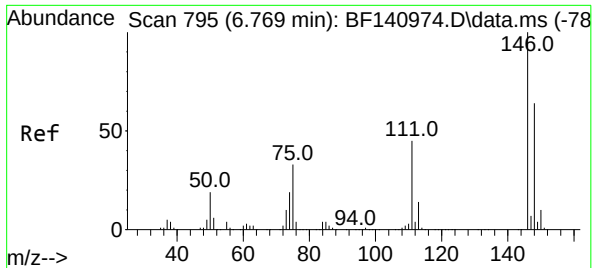
Tgt Ion: 94 Resp: 1004742
Ion Ratio Lower Upper
94 100
65 28.6 8.1 48.1
66 39.4 18.7 58.7



#11
bis(2-Chloroethyl)ether
Concen: 49.124 ng
RT: 6.569 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 93 Resp: 807414
Ion Ratio Lower Upper
93 100
63 78.4 60.3 100.3
95 32.8 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 48.526 ng

RT: 6.769 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

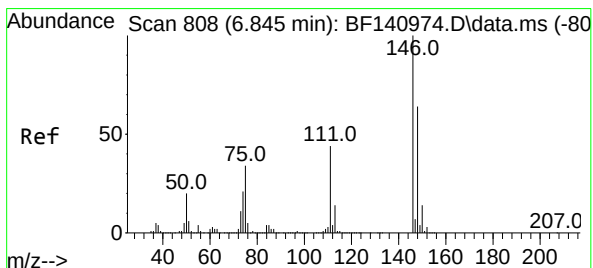
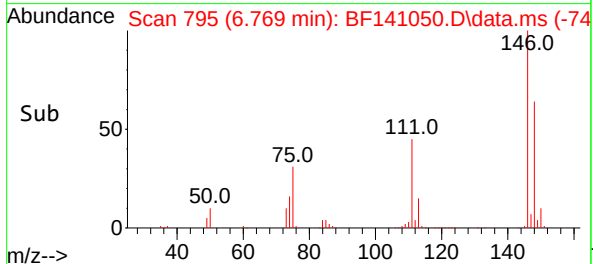
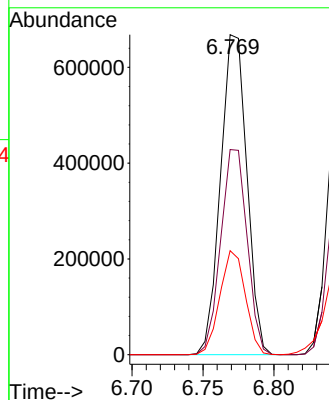
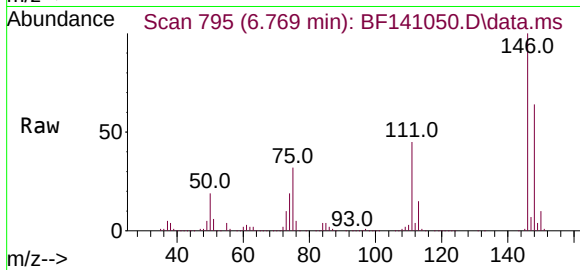
Tgt Ion:146 Resp: 862839

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

75 32.5 26.1 39.1



#13

1,4-Dichlorobenzene

Concen: 48.881 ng

RT: 6.846 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

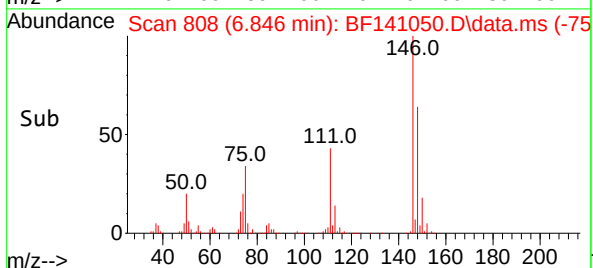
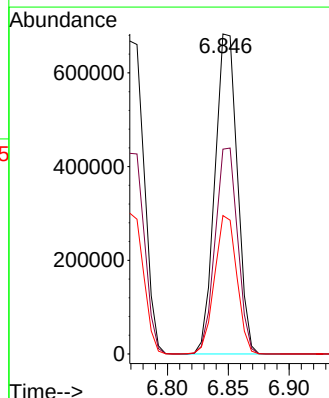
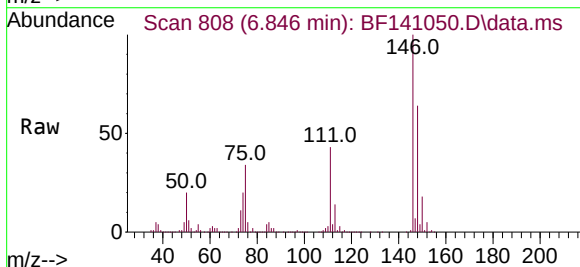
Tgt Ion:146 Resp: 876168

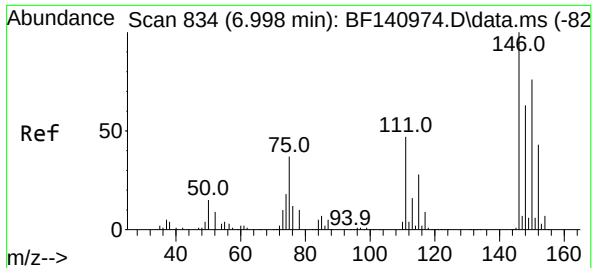
Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

111 43.3 35.3 52.9

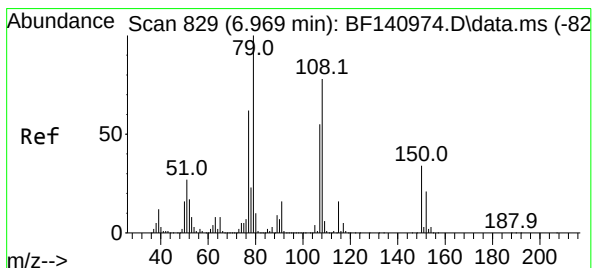
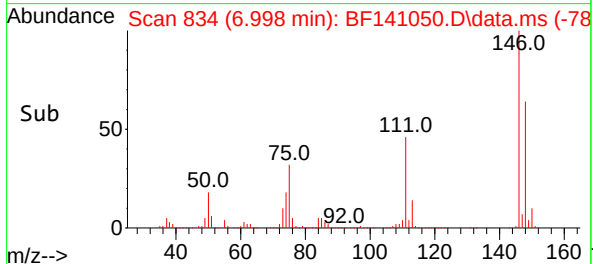
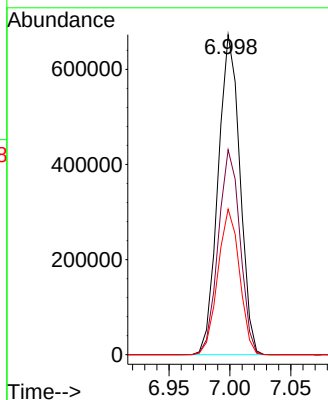
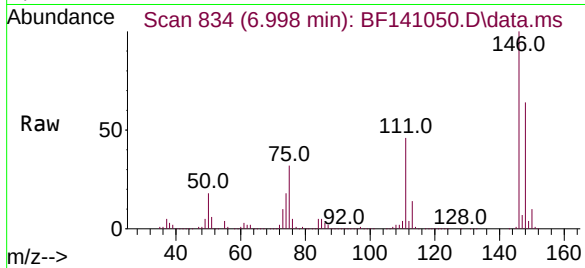




#14
1,2-Dichlorobenzene
Concen: 50.193 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

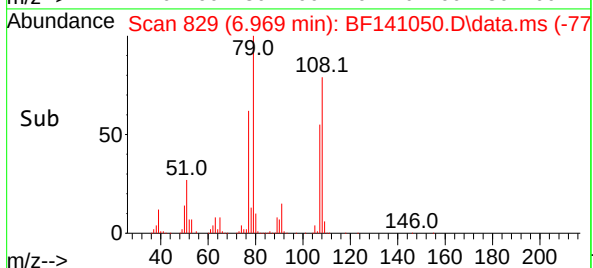
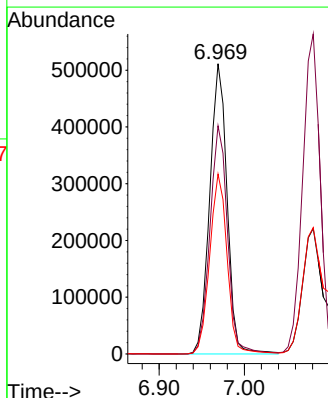
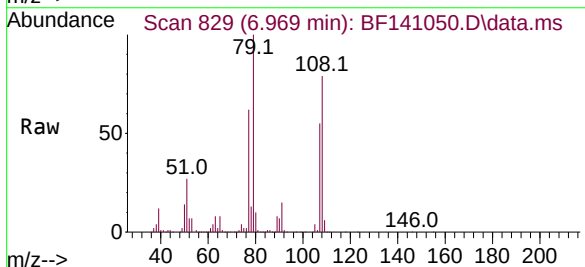
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

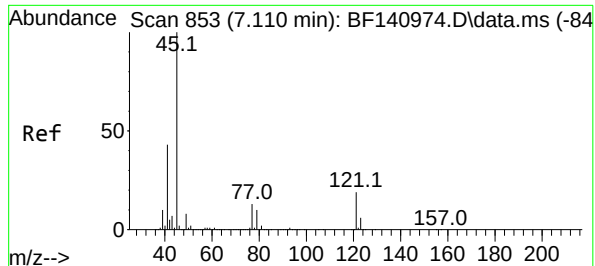
Tgt Ion:146 Resp: 838846
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 45.5 37.3 55.9



#15
Benzyl Alcohol
Concen: 51.178 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 79 Resp: 723992
Ion Ratio Lower Upper
79 100
108 78.6 62.5 93.7
77 62.0 49.3 73.9

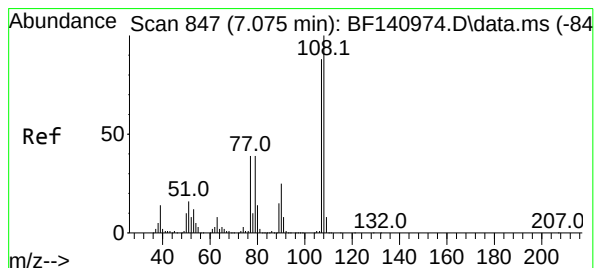
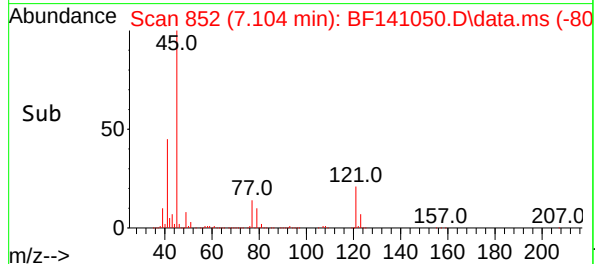
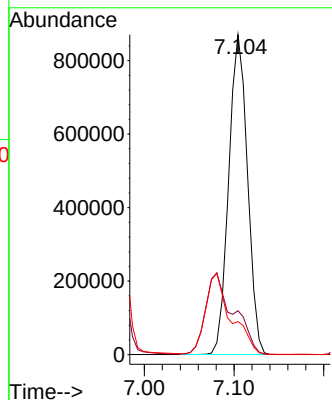
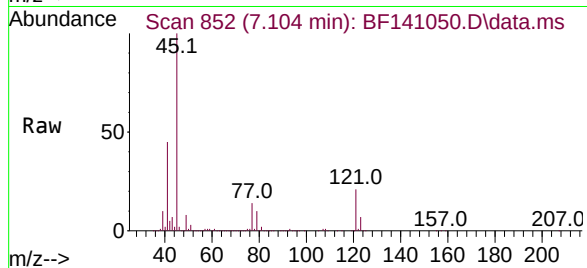




#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.739 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

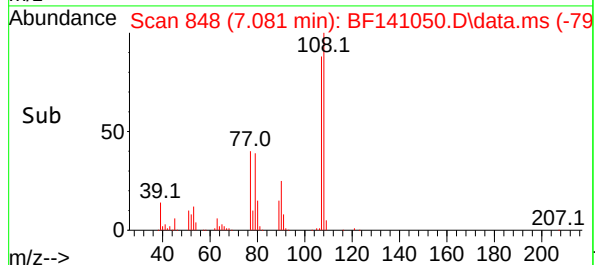
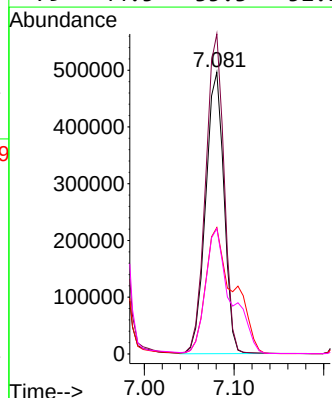
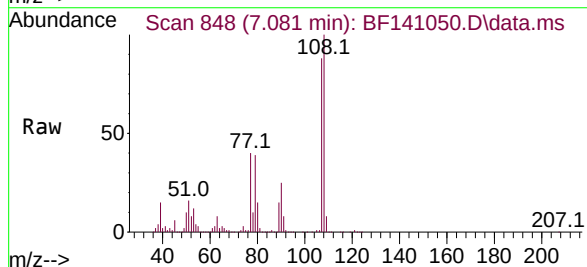
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

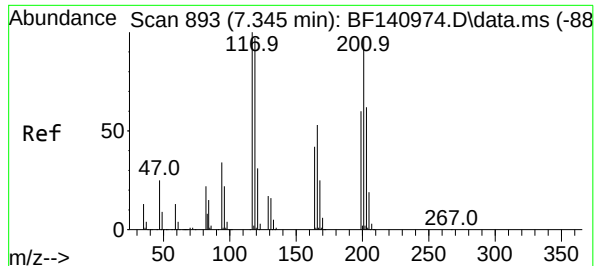
Tgt Ion: 45 Resp: 1261181
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.1
79 10.4 0.0 30.1



#17
2-Methylphenol
Concen: 52.603 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:107 Resp: 704093
Ion Ratio Lower Upper
107 100
108 113.6 90.6 136.0
77 44.9 35.3 52.9
79 44.5 35.3 52.9





#18

Hexachloroethane

Concen: 50.770 ng

RT: 7.345 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

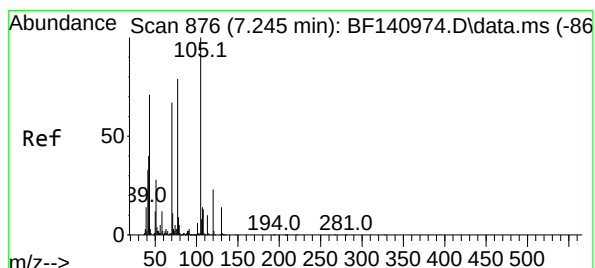
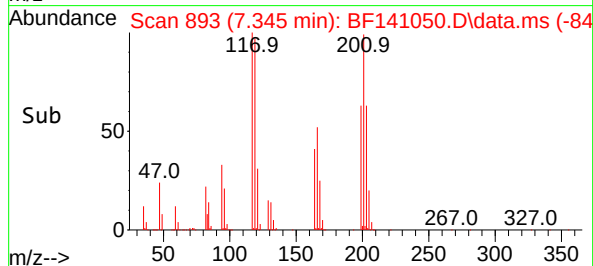
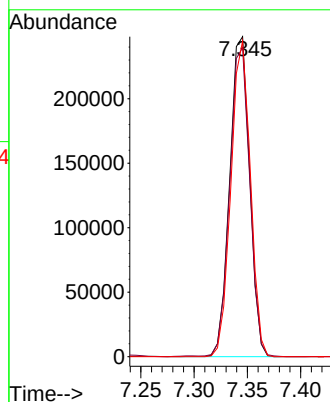
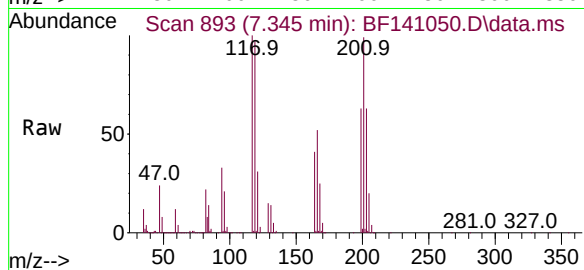
Tgt Ion:117 Resp: 323278

Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3

201 98.7 77.4 116.2



#19

n-Nitroso-di-n-propylamine

Concen: 51.207 ng

RT: 7.245 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Tgt Ion: 70 Resp: 617566

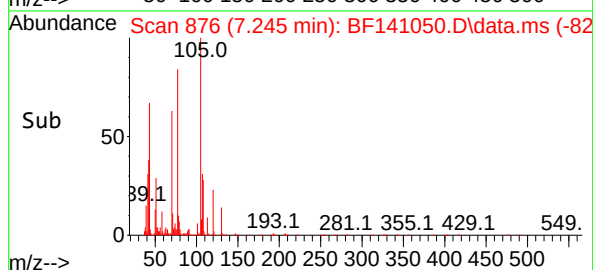
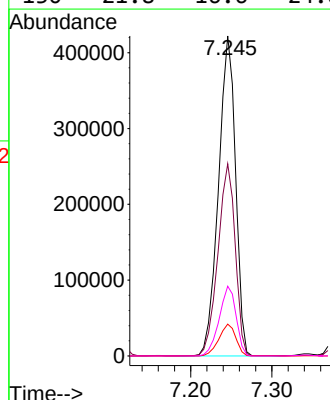
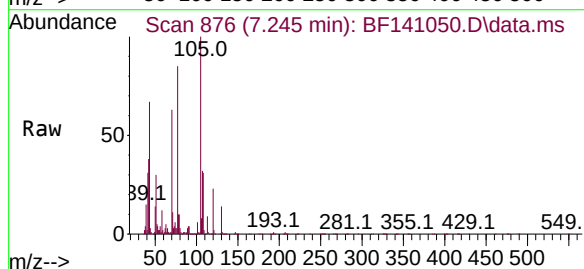
Ion Ratio Lower Upper

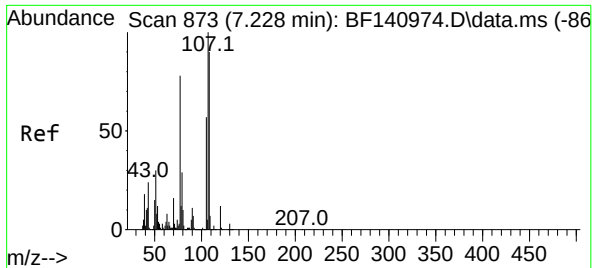
70 100

42 60.0 48.1 72.1

101 10.0 7.6 11.4

130 21.8 16.6 24.8

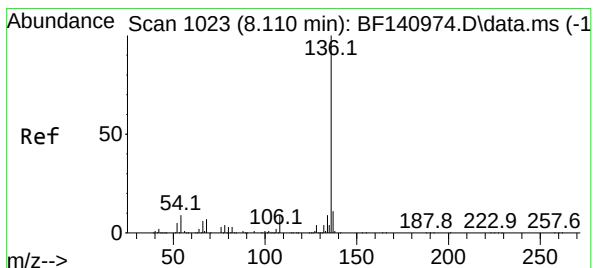
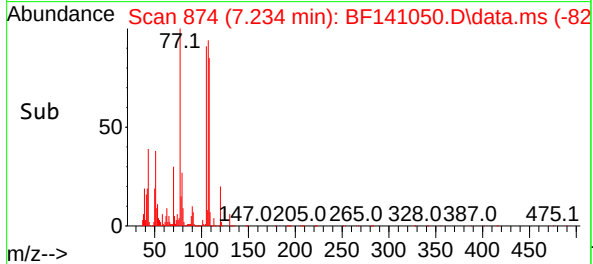
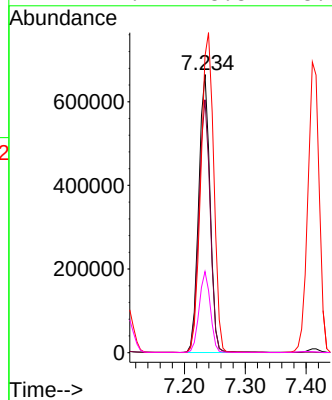
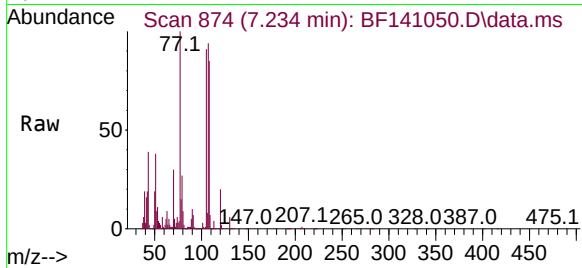




#20
3+4-Methylphenols
Concen: 50.723 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

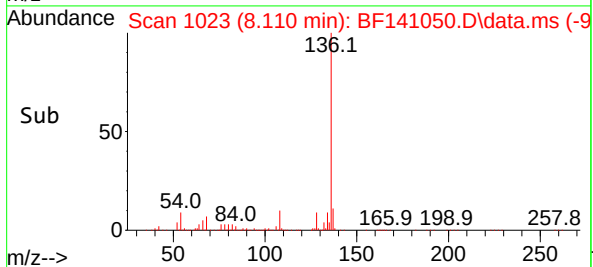
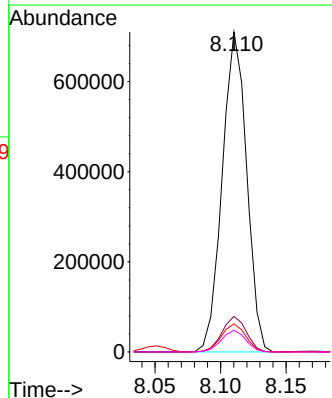
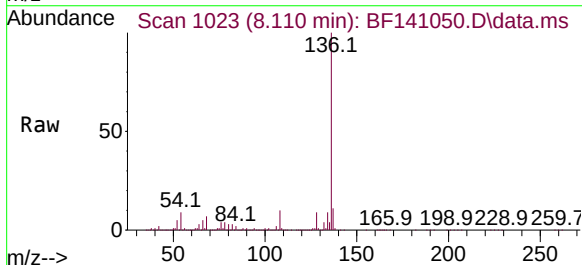
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

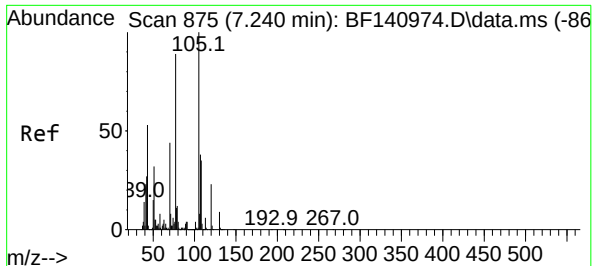
Tgt Ion:107 Resp: 859164
Ion Ratio Lower Upper
107 100
108 91.0 69.6 109.6
77 106.6 57.6 97.6#
79 29.1 8.8 48.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:136 Resp: 918976
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.8 7.6 11.4
68 6.8 5.6 8.4

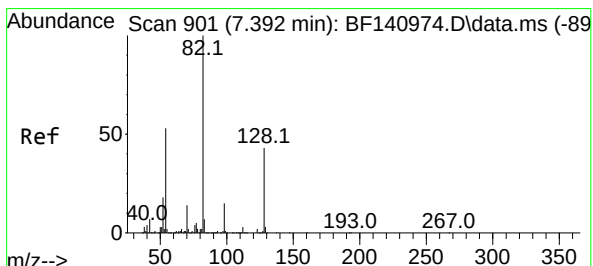
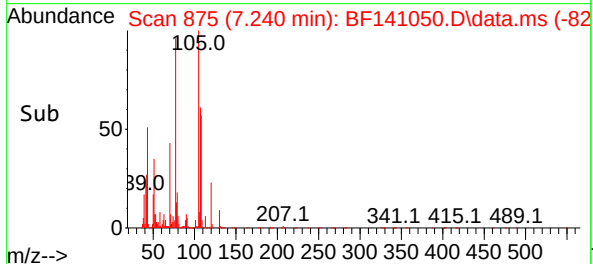
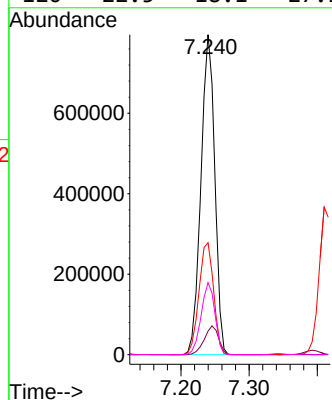
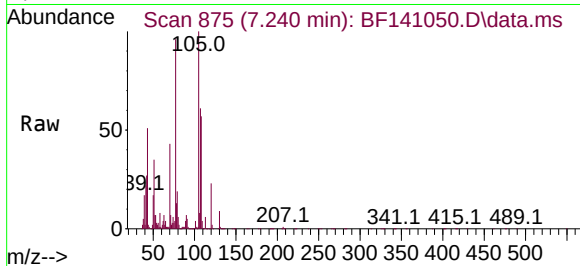




#22
Acetophenone
Concen: 49.744 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

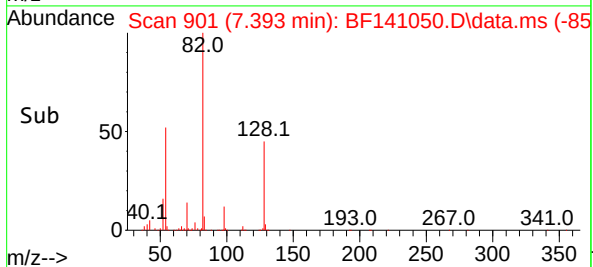
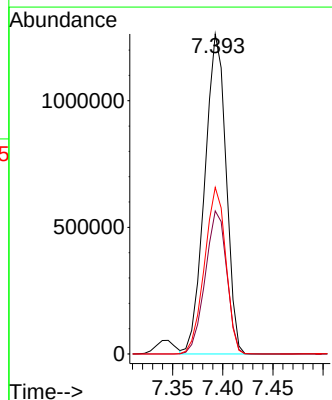
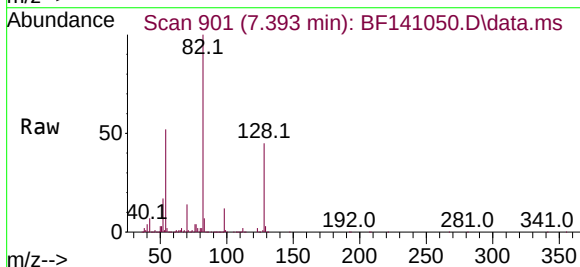
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

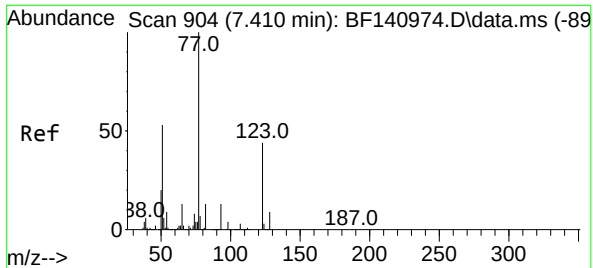
Tgt Ion:105 Resp: 1121412
Ion Ratio Lower Upper
105 100
71 7.4 6.1 9.1
51 35.0 25.8 38.6
120 22.5 18.1 27.1



#23
Nitrobenzene-d5
Concen: 130.300 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 82 Resp: 1871617
Ion Ratio Lower Upper
82 100
128 44.7 34.4 51.6
54 52.1 42.4 63.6





#24

Nitrobenzene

Concen: 55.904 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

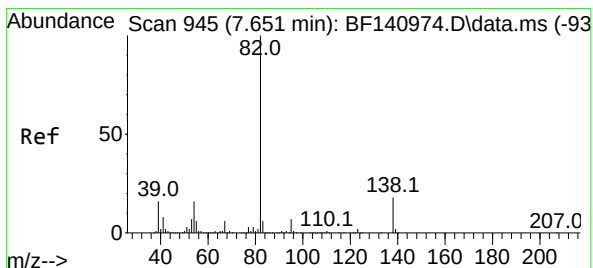
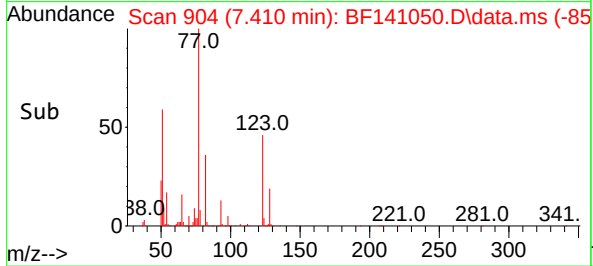
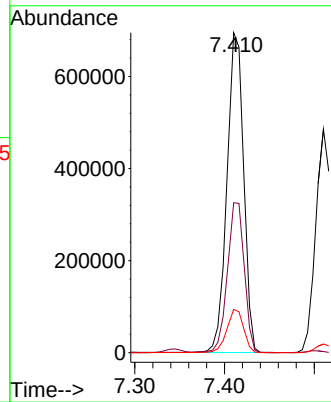
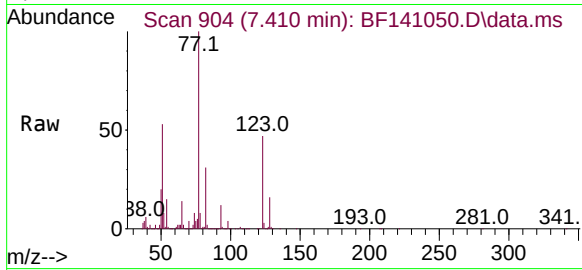
BNA_F

ClientSampleId :

WC-SOIL-20241219MS

Tgt Ion: 77 Resp: 897277

Ion	Ratio	Lower	Upper
77	100		
123	46.8	35.4	53.2
65	13.5	10.7	16.1



#25

Isophorone

Concen: 52.685 ng

RT: 7.651 min Scan# 945

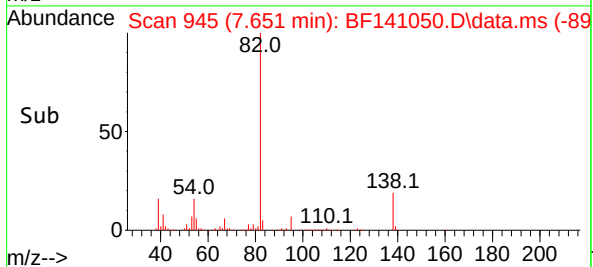
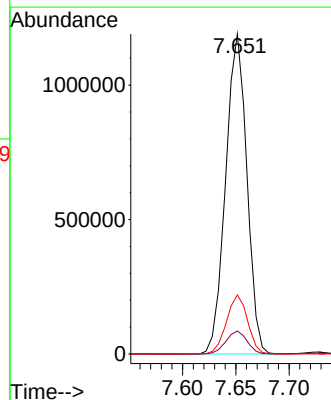
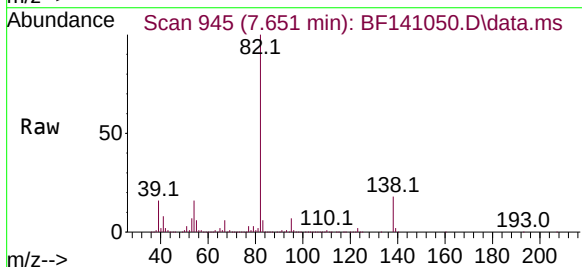
Delta R.T. 0.000 min

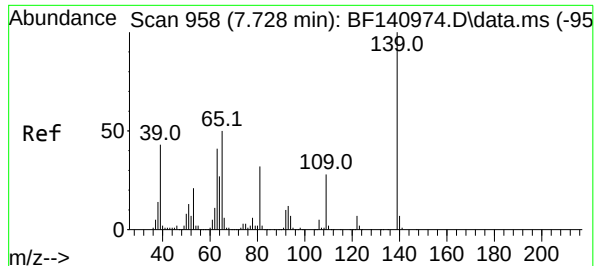
Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Tgt Ion: 82 Resp: 1646747

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.5	14.6	21.8





#26

2-Nitrophenol

Concen: 65.898 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

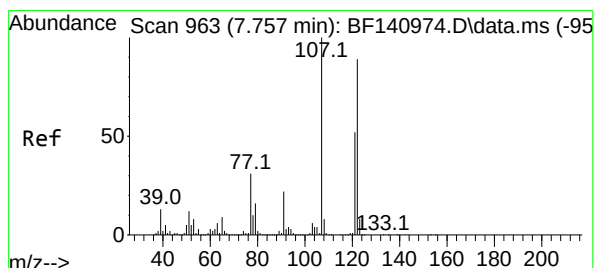
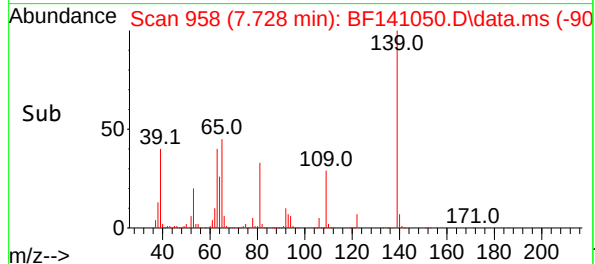
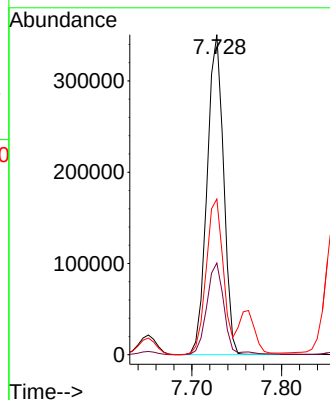
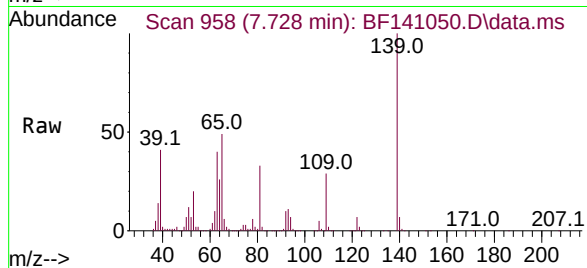
Tgt Ion:139 Resp: 448067

Ion Ratio Lower Upper

139 100

109 28.7 22.2 33.4

65 48.6 40.2 60.4



#27

2,4-Dimethylphenol

Concen: 61.930 ng

RT: 7.763 min Scan# 964

Delta R.T. 0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

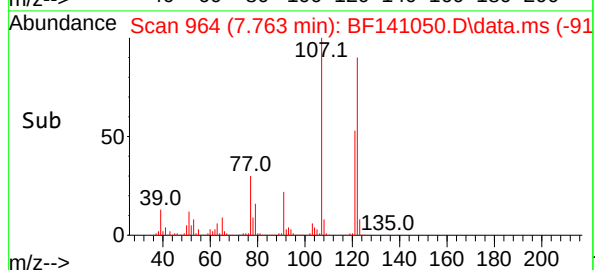
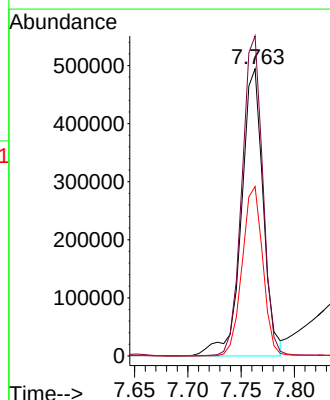
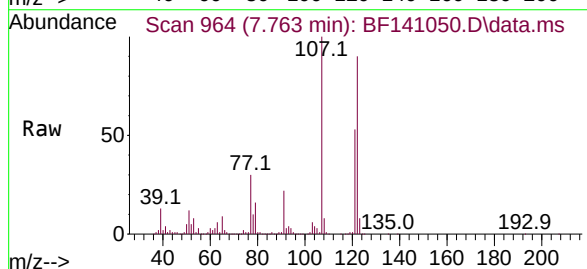
Tgt Ion:122 Resp: 707452

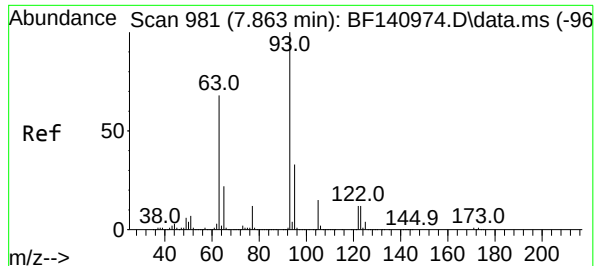
Ion Ratio Lower Upper

122 100

107 111.4 89.4 134.2

121 59.0 46.7 70.1





#28

bis(2-Chloroethoxy)methane

Concen: 50.930 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

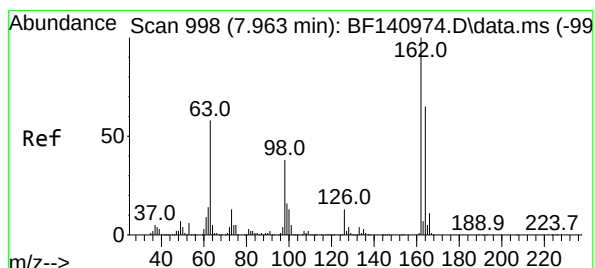
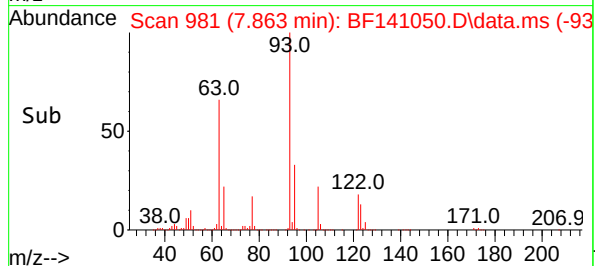
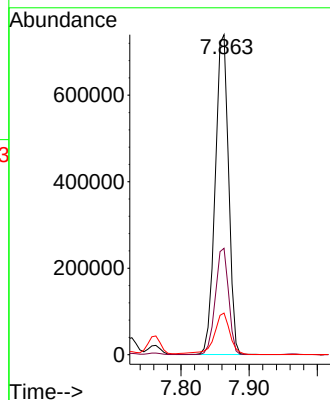
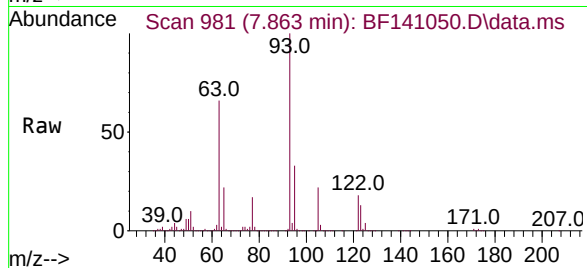
Tgt Ion: 93 Resp: 1008599

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

123 13.0 9.9 14.9



#29

2,4-Dichlorophenol

Concen: 55.360 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

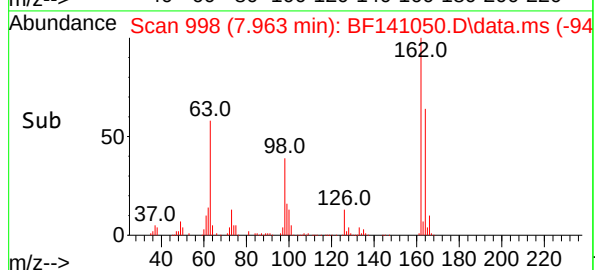
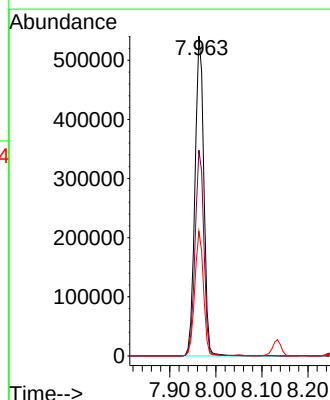
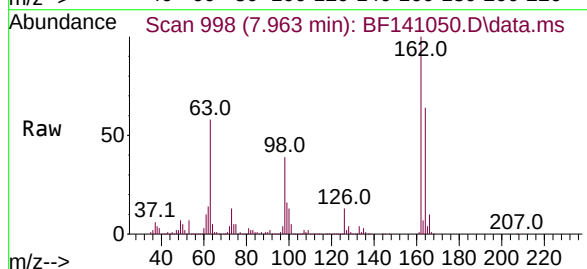
Tgt Ion:162 Resp: 717237

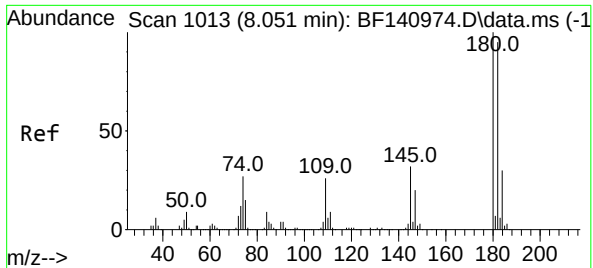
Ion Ratio Lower Upper

162 100

164 64.3 44.8 84.8

98 39.0 18.6 58.6





#30

1,2,4-Trichlorobenzene

Concen: 49.213 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

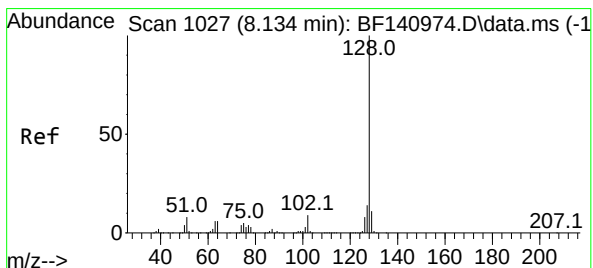
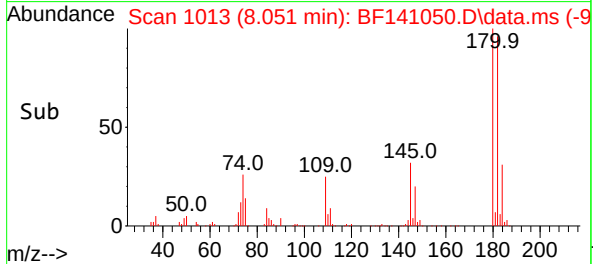
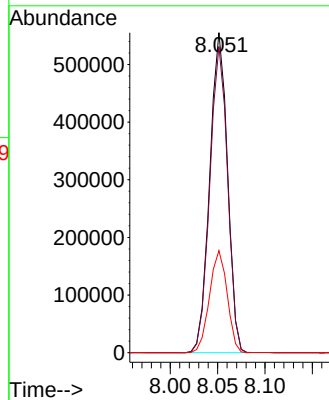
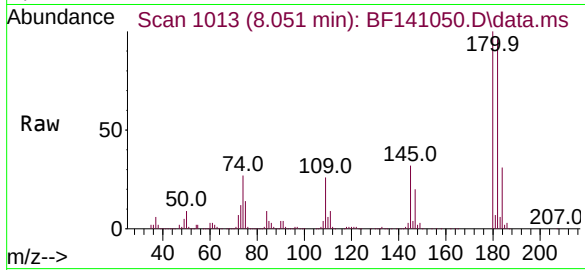
Tgt Ion:180 Resp: 721653

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 31.9 25.4 38.2



#31

Naphthalene

Concen: 49.477 ng

RT: 8.134 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

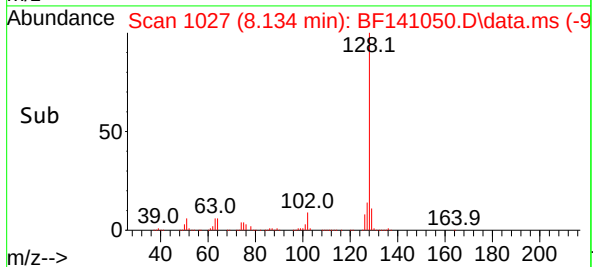
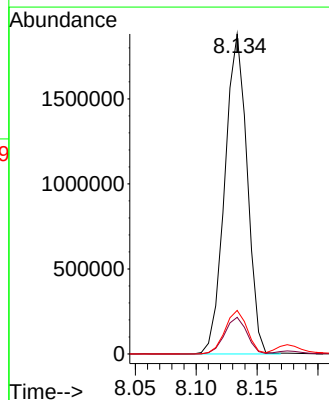
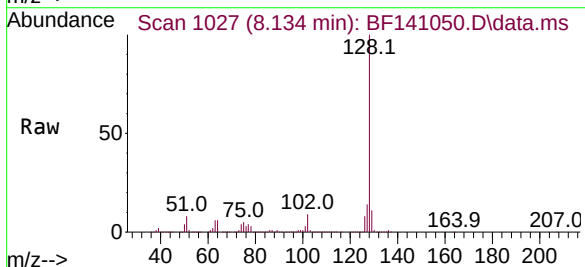
Tgt Ion:128 Resp: 2395909

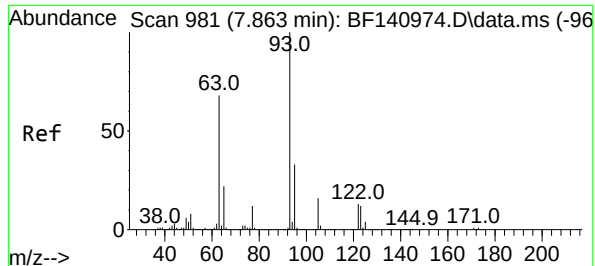
Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.6 11.0 16.4





#32

Benzoic acid

Concen: 55.871 ng

RT: 7.875 min Scan# 981

Delta R.T. 0.012 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

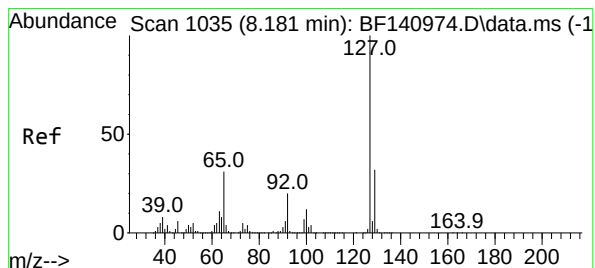
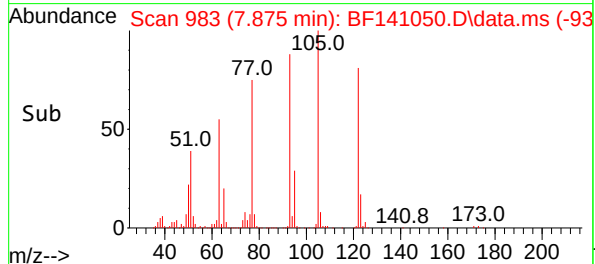
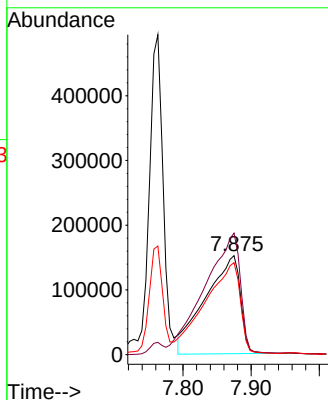
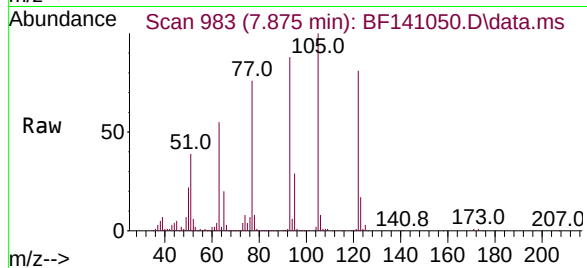
Tgt Ion:122 Resp: 539358

Ion Ratio Lower Upper

122 100

105 122.8 105.4 145.4

77 92.9 76.4 116.4



#33

4-Chloroaniline

Concen: 4.670 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Tgt Ion:127 Resp: 81811

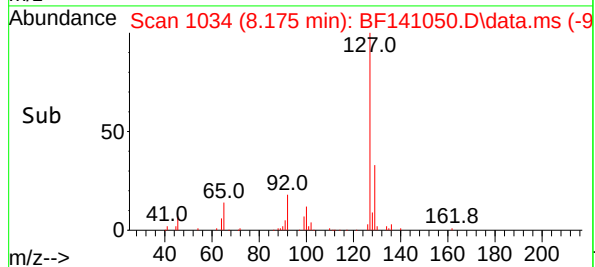
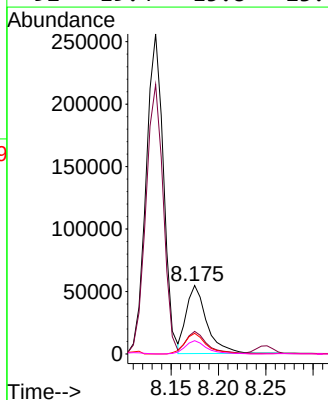
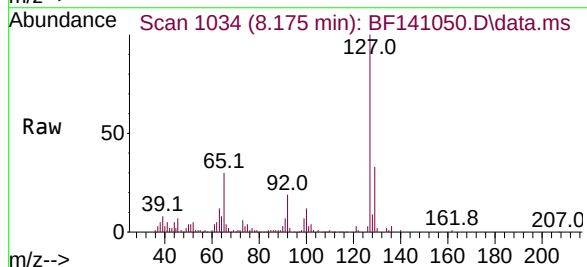
Ion Ratio Lower Upper

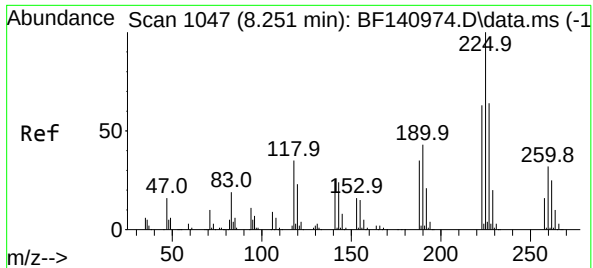
127 100

129 32.9 26.1 39.1

65 30.2 24.6 37.0

92 19.4 15.8 23.6





#34

Hexachlorobutadiene

Concen: 50.482 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

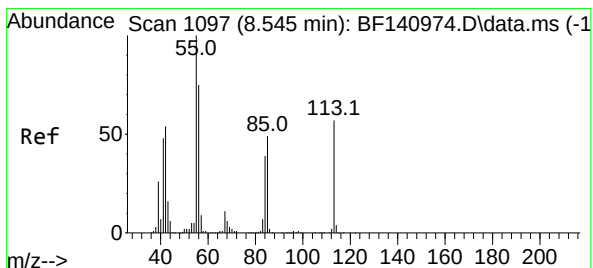
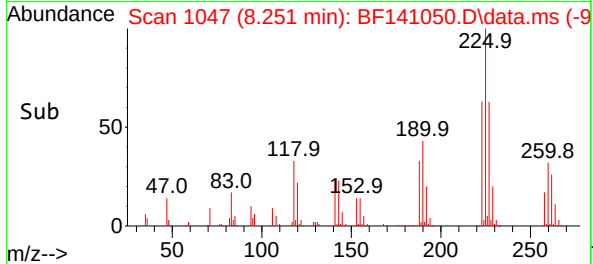
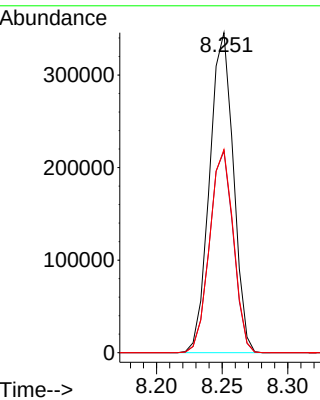
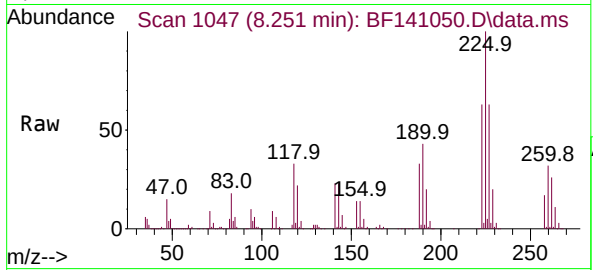
Tgt Ion:225 Resp: 436407

Ion Ratio Lower Upper

225 100

223 63.0 50.3 75.5

227 63.5 50.8 76.2



#35

Caprolactam

Concen: 45.067 ng m

RT: 8.545 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

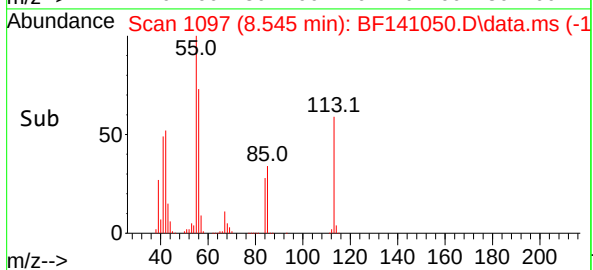
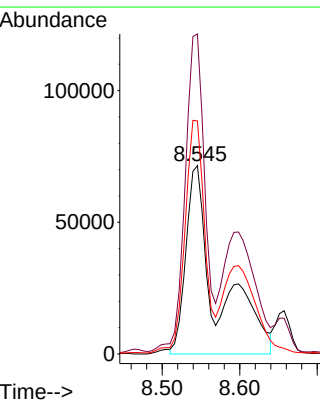
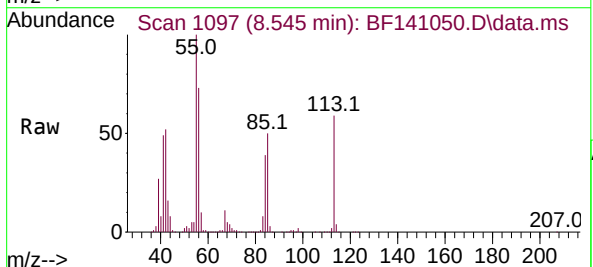
Tgt Ion:113 Resp: 198493

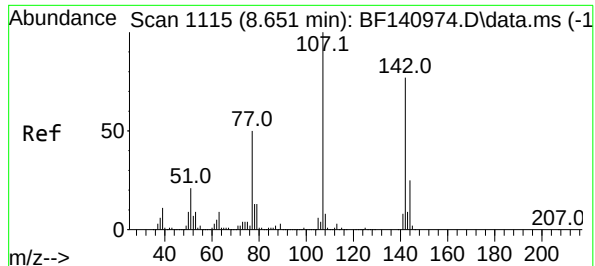
Ion Ratio Lower Upper

113 100

55 170.0 156.6 196.6

56 123.8 111.7 151.7





#36

4-Chloro-3-methylphenol

Concen: 53.955 ng

RT: 8.657 min Scan# 1115

Delta R.T. 0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

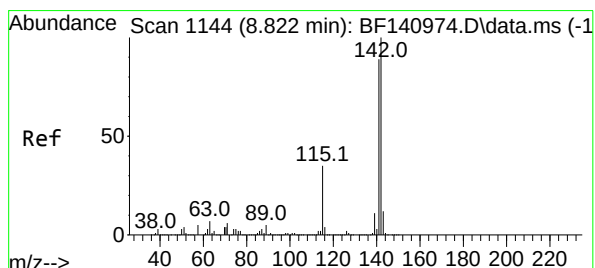
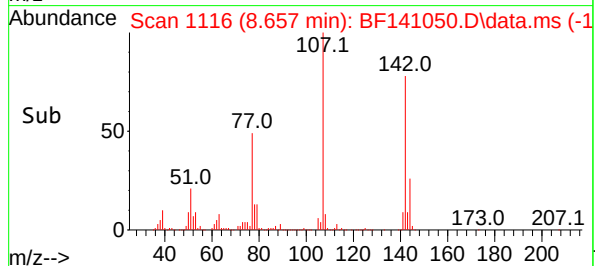
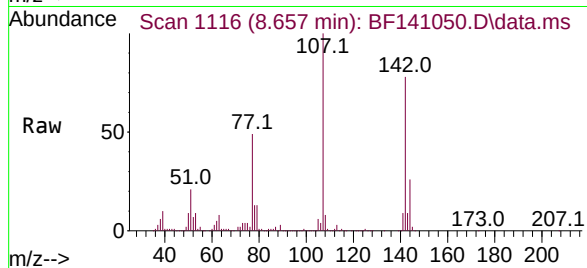
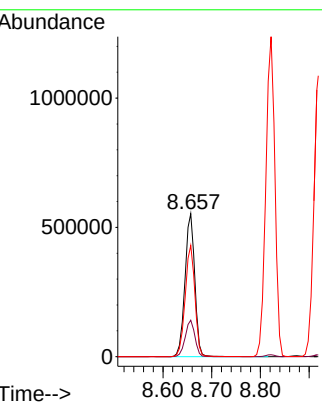
BNA_F

ClientSampleId :

WC-SOIL-20241219MS

Tgt Ion:107 Resp: 776315

Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.9	29.9
142	77.8	61.8	92.8



#37

2-Methylnaphthalene

Concen: 51.840 ng

RT: 8.822 min Scan# 1144

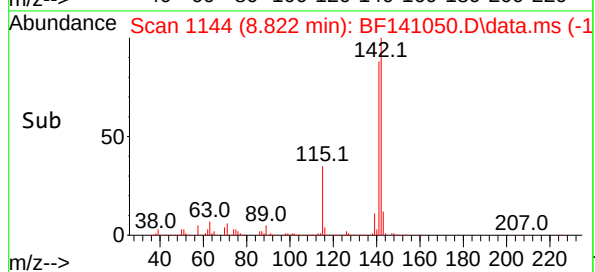
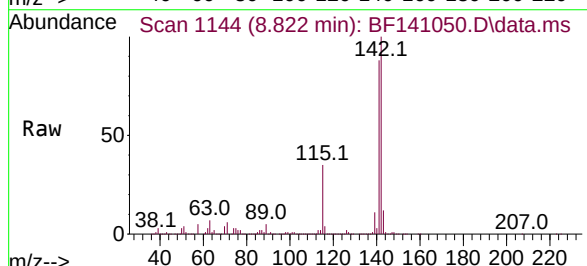
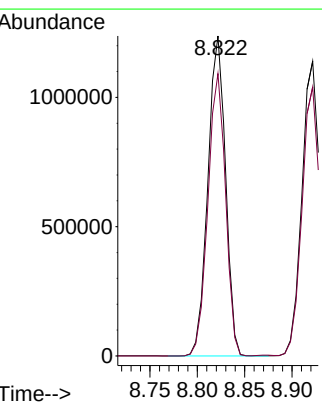
Delta R.T. 0.000 min

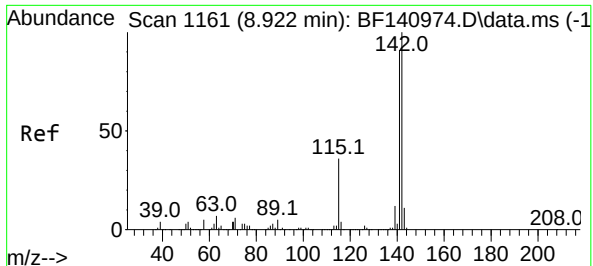
Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Tgt Ion:142 Resp: 1605935

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.1	106.7





#38

1-Methylnaphthalene

Concen: 49.105 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

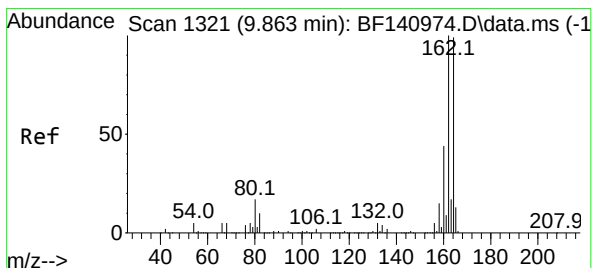
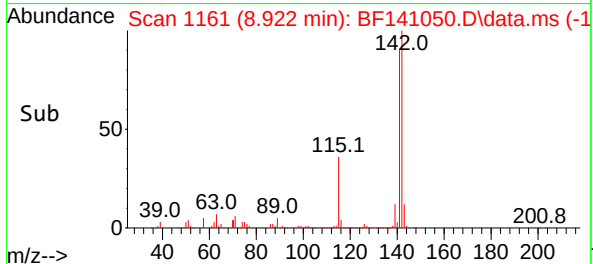
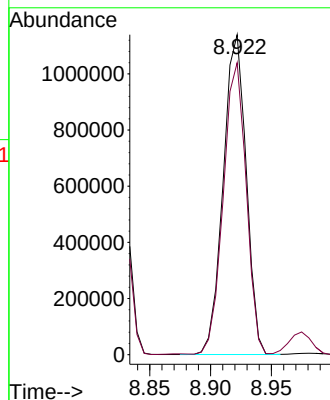
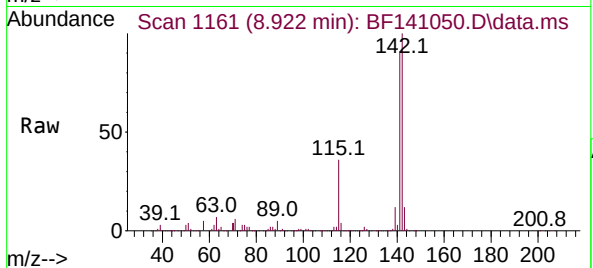
WC-SOIL-20241219MS

Tgt Ion:142 Resp: 1495035

Ion Ratio Lower Upper

142 100

141 91.3 72.7 109.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

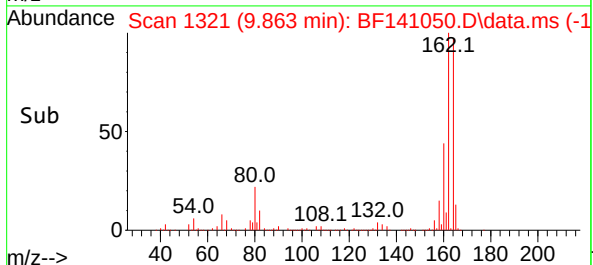
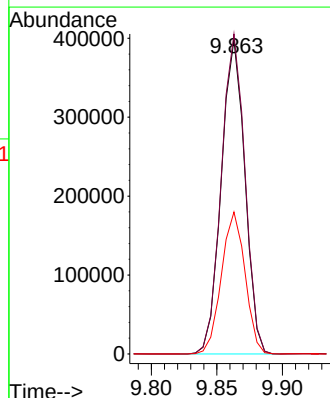
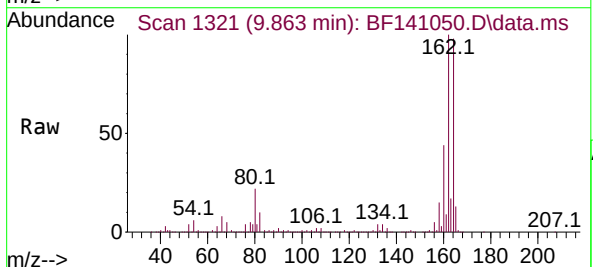
Tgt Ion:164 Resp: 496643

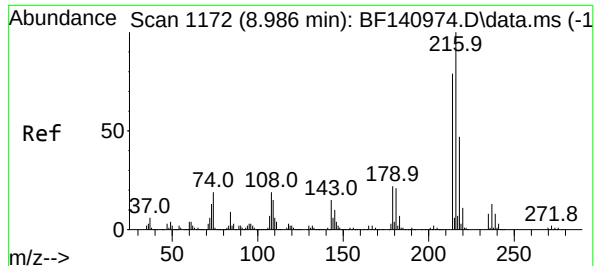
Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 45.2 35.7 53.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.098 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

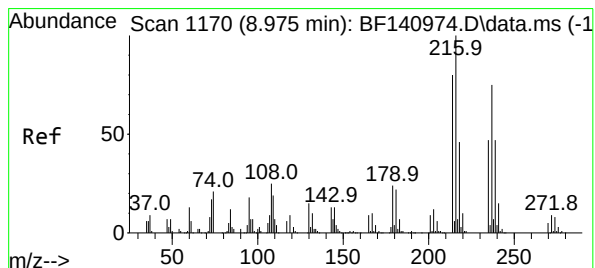
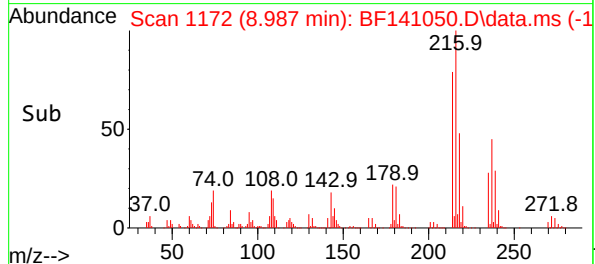
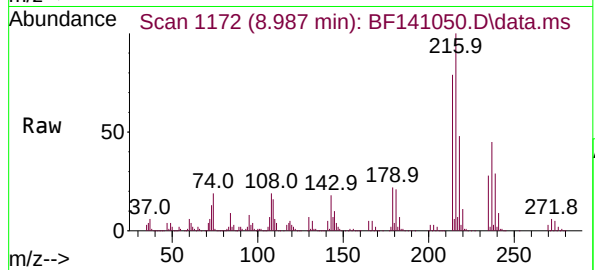
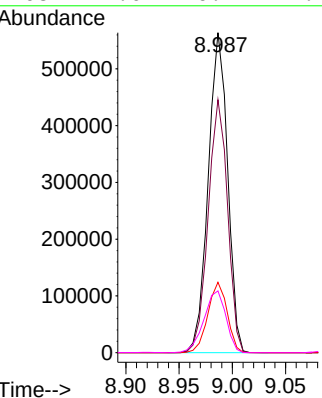
BNA_F

ClientSampleId :

WC-SOIL-20241219MS

Tgt Ion:216 Resp: 711829

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	21.9	17.9	26.9
108	22.0	16.2	24.2



#41

Hexachlorocyclopentadiene

Concen: 188.489 ng

RT: 8.975 min Scan# 1170

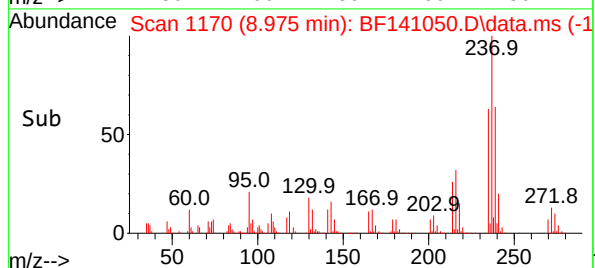
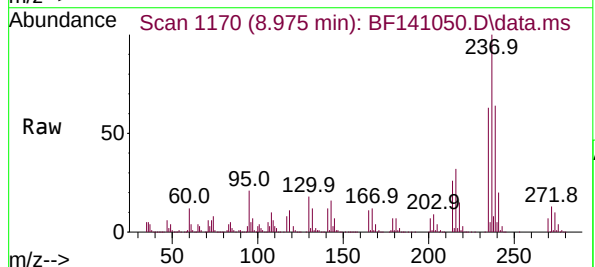
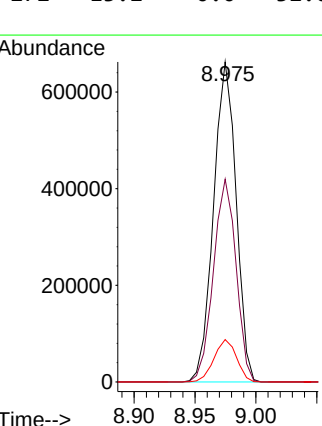
Delta R.T. 0.000 min

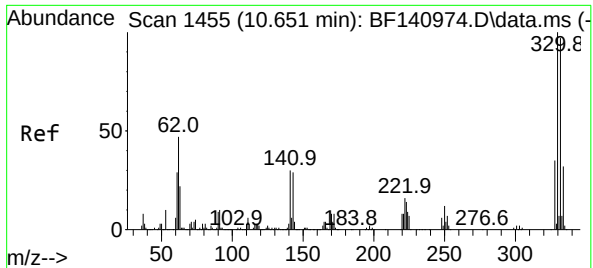
Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Tgt Ion:237 Resp: 853450

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.4	83.4
272	13.2	0.0	32.6





#42

2,4,6-Tribromophenol

Concen: 189.587 ng

RT: 10.657 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

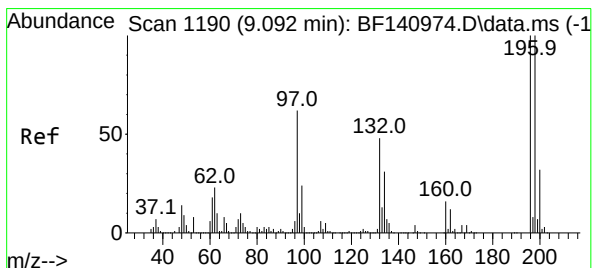
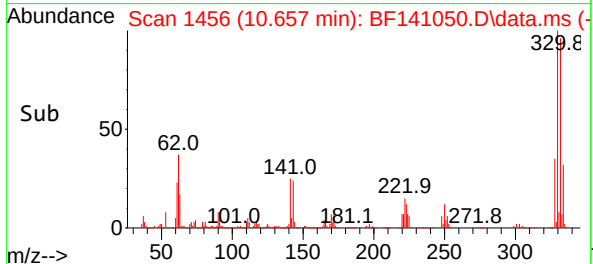
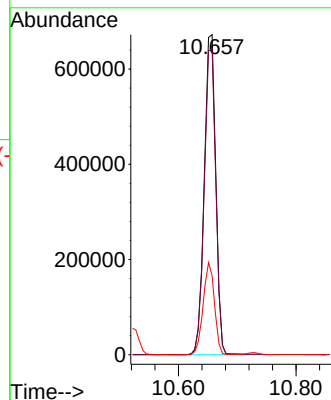
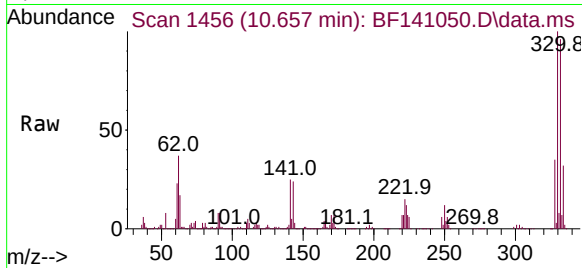
Tgt Ion:330 Resp: 914930

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 28.2 26.4 39.6



#43

2,4,6-Trichlorophenol

Concen: 57.227 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

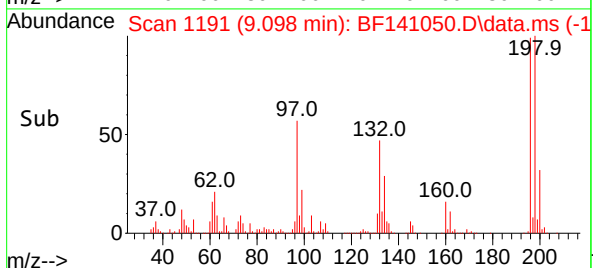
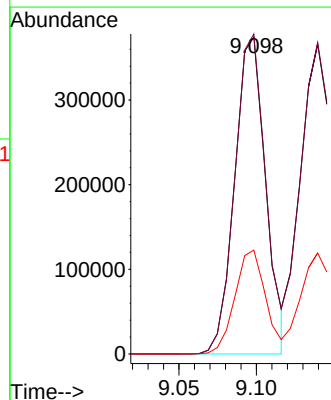
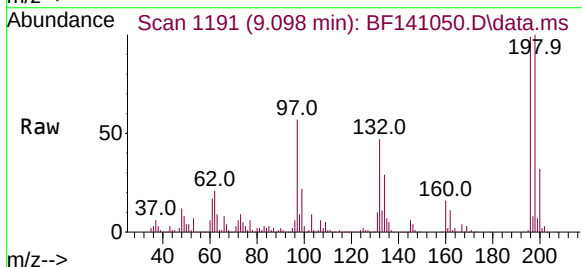
Tgt Ion:196 Resp: 520399

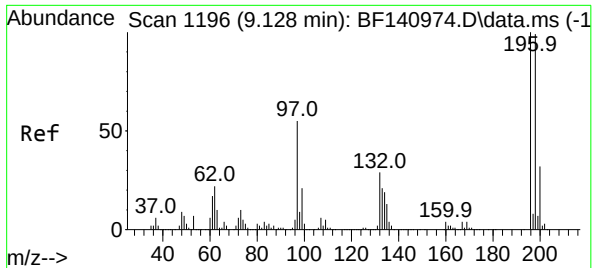
Ion Ratio Lower Upper

196 100

198 101.0 80.2 120.4

200 32.8 25.8 38.6





#44

2,4,5-Trichlorophenol

Concen: 56.928 ng

RT: 9.139 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF141050.D

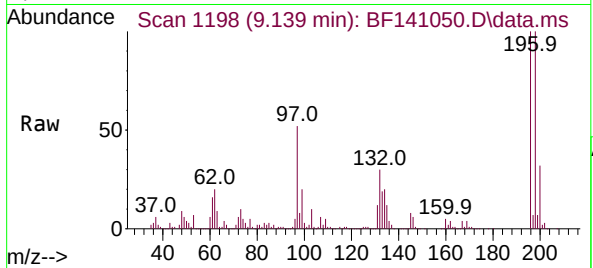
Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS



Tgt Ion:196 Resp: 529687

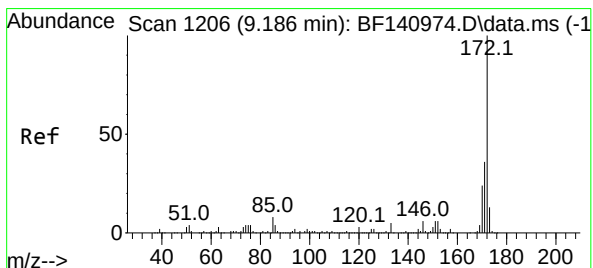
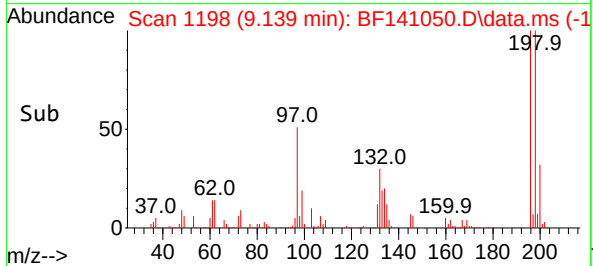
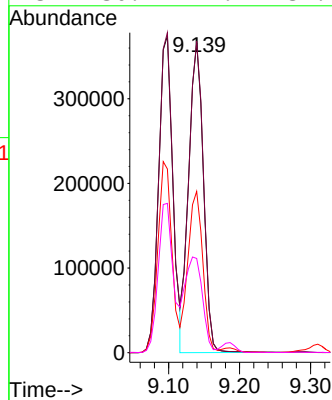
Ion Ratio Lower Upper

196 100

198 100.5 79.9 119.9

97 52.0 44.3 66.5

132 30.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 103.602 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

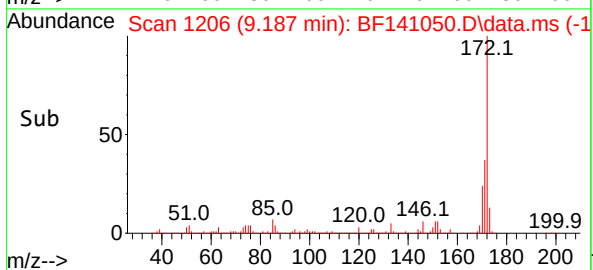
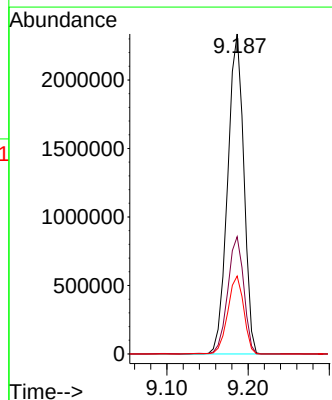
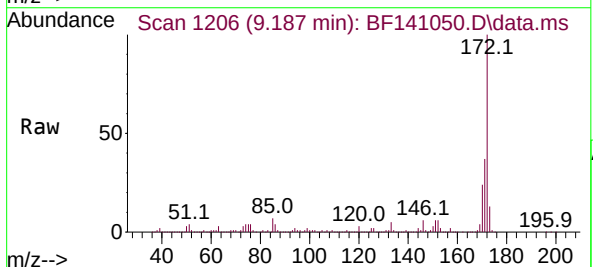
Tgt Ion:172 Resp: 3229458

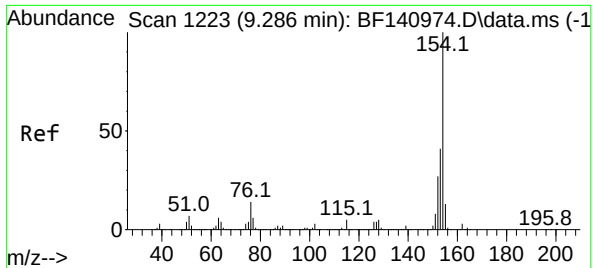
Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 24.4 19.6 29.4

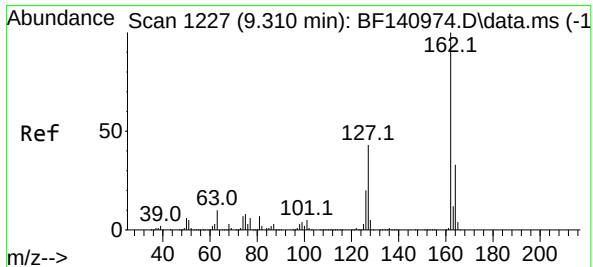
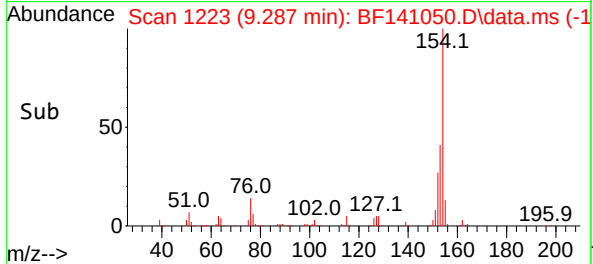
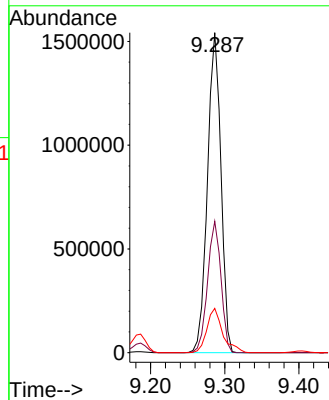
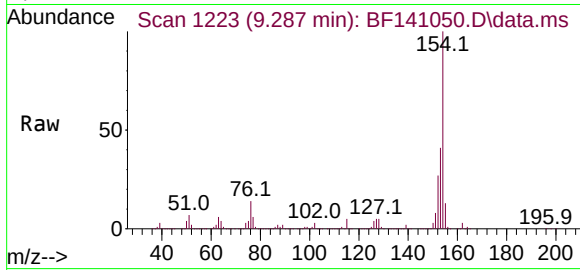




#46
1,1'-Biphenyl
Concen: 51.155 ng
RT: 9.287 min Scan# 1223
Delta R.T. 0.001 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

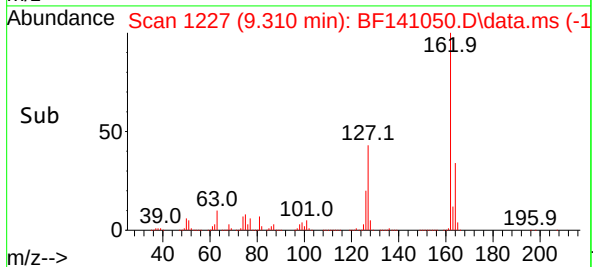
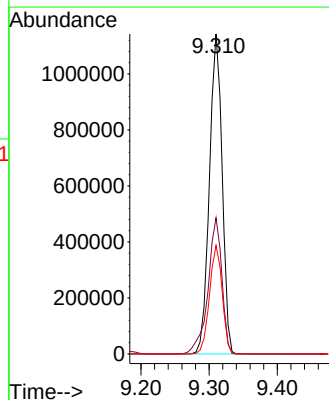
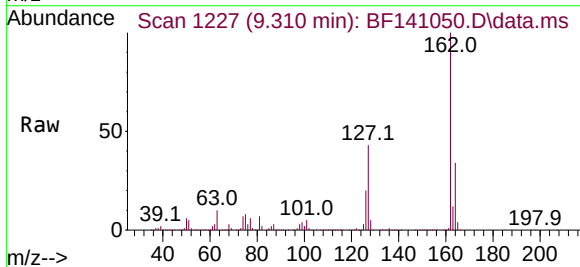
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

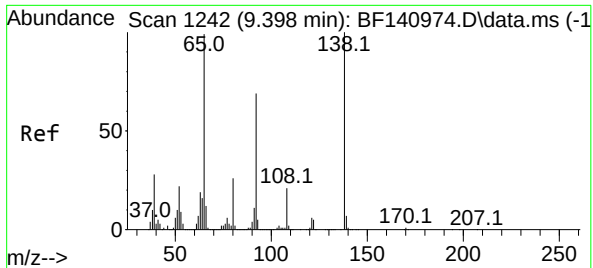
Tgt Ion:154 Resp: 1945296
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 13.9 0.0 34.0



#47
2-Chloronaphthalene
Concen: 50.336 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:162 Resp: 1484568
Ion Ratio Lower Upper
162 100
127 42.6 34.2 51.4
164 33.9 26.6 40.0

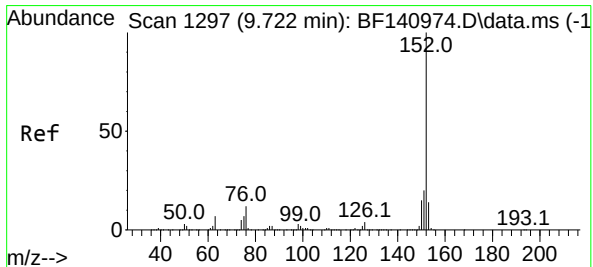
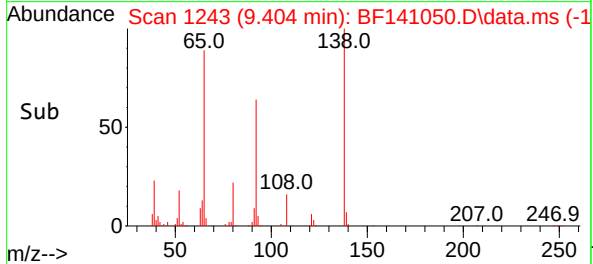
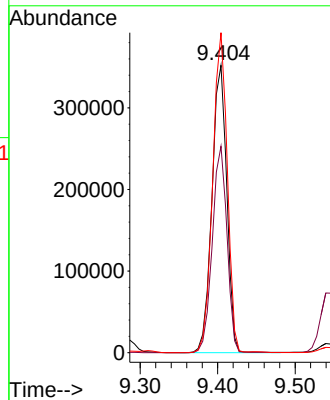
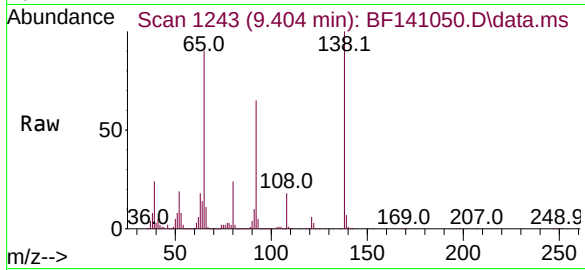




#48
2-Nitroaniline
Concen: 59.476 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

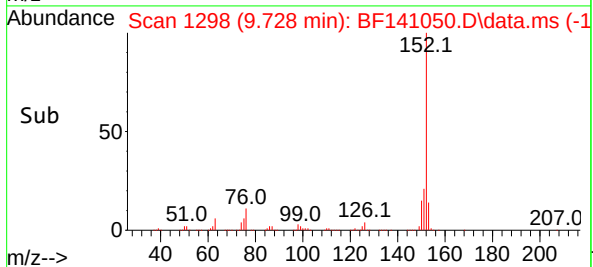
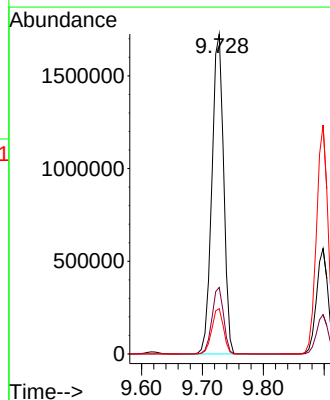
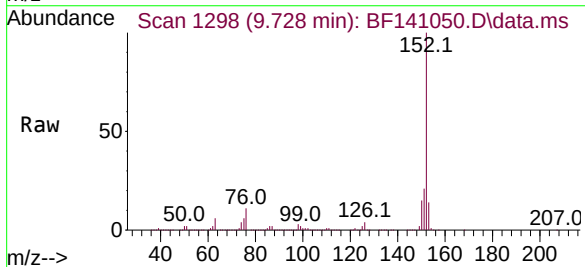
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

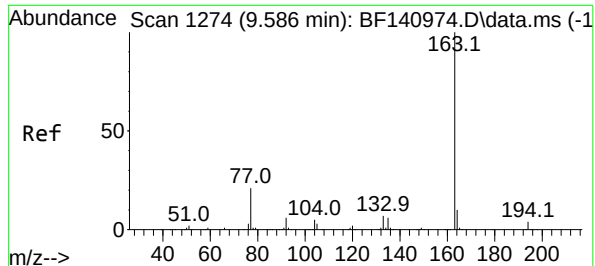
Tgt Ion: 65 Resp: 468373
Ion Ratio Lower Upper
65 100
92 71.8 55.6 83.4
138 111.3 80.5 120.7



#49
Acenaphthylene
Concen: 54.347 ng
RT: 9.728 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 152 Resp: 2307406
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.2 11.4 17.0





#50

Dimethylphthalate

Concen: 55.187 ng

RT: 9.586 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

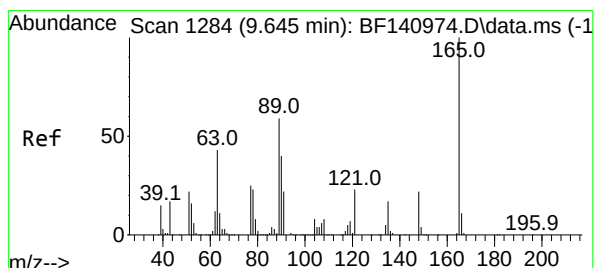
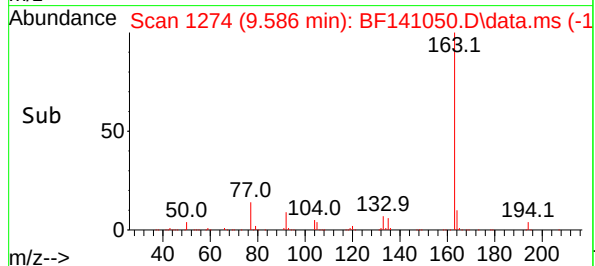
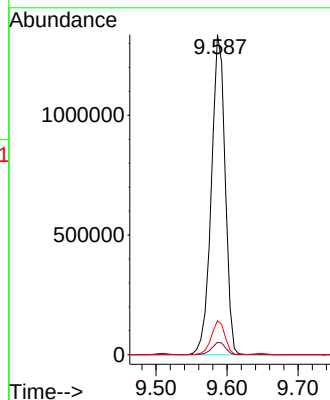
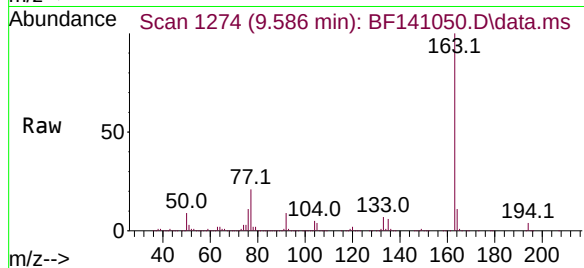
Tgt Ion:163 Resp: 1802824

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.6 8.3 12.5



#51

2,6-Dinitrotoluene

Concen: 60.426 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

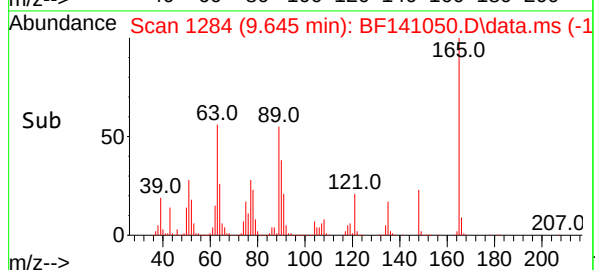
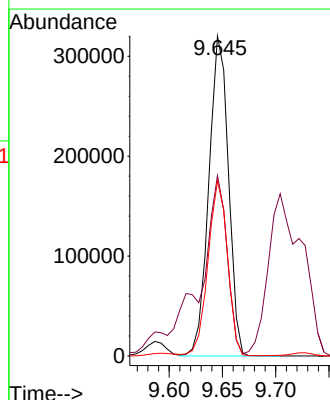
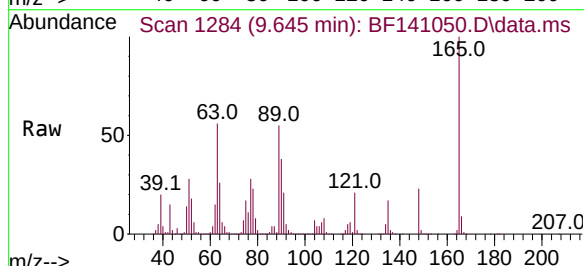
Tgt Ion:165 Resp: 409385

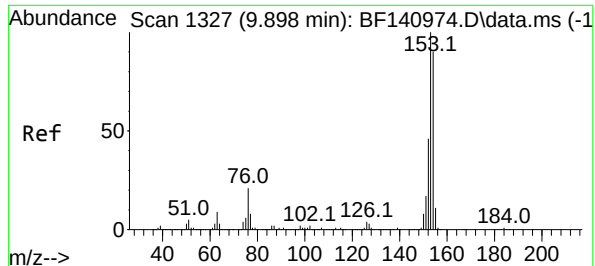
Ion Ratio Lower Upper

165 100

63 56.4 47.1 70.7

89 54.8 47.0 70.4





#52

Acenaphthene

Concen: 60.220 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

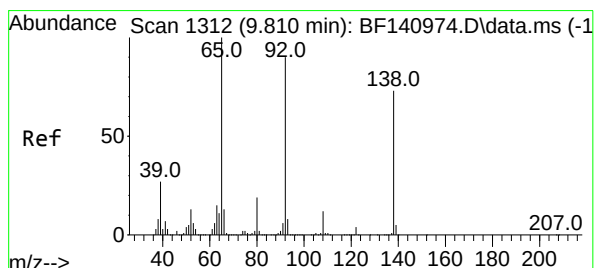
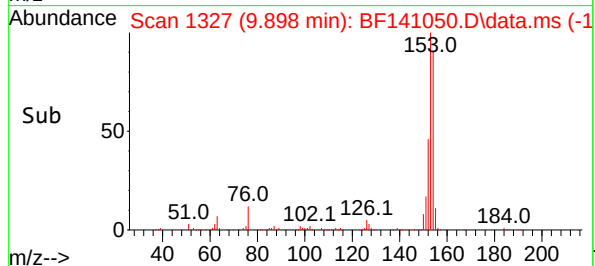
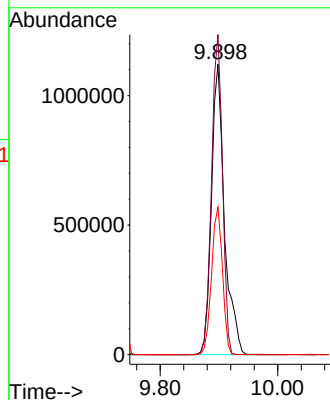
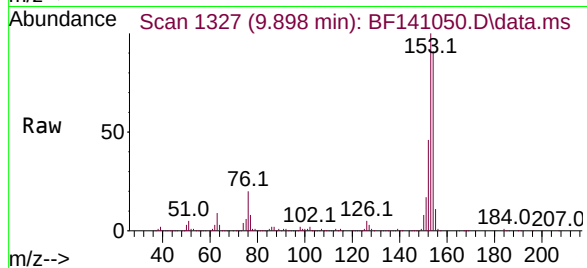
Tgt Ion:154 Resp: 1728479

Ion Ratio Lower Upper

154 100

153 110.2 89.2 133.8

152 50.8 40.9 61.3



#53

3-Nitroaniline

Concen: 12.985 ng

RT: 9.810 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

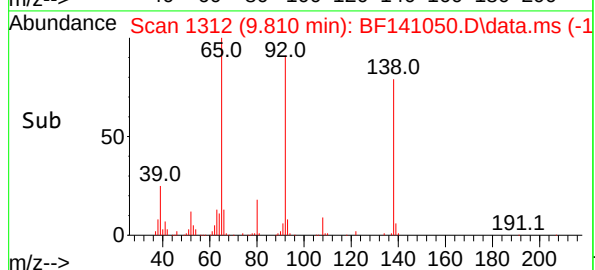
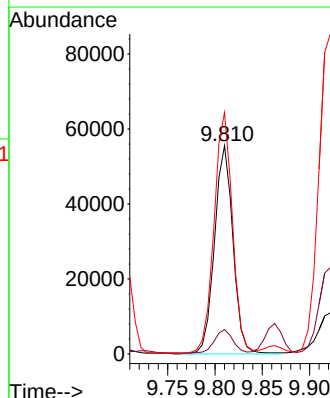
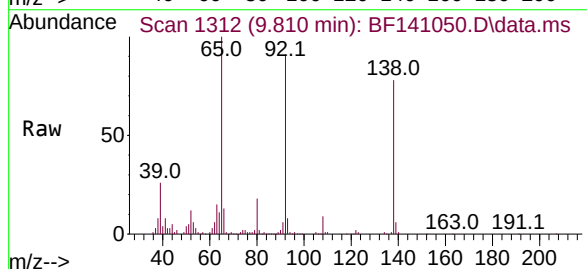
Tgt Ion:138 Resp: 75559

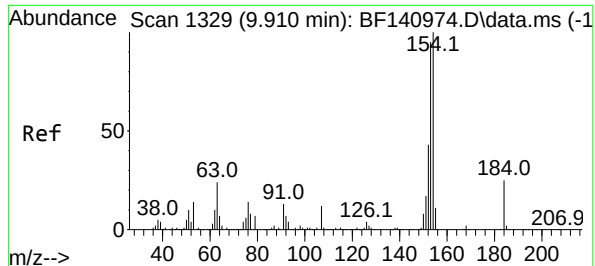
Ion Ratio Lower Upper

138 100

108 11.7 13.5 20.3#

92 115.9 97.7 146.5





#54

2,4-Dinitrophenol

Concen: 131.272 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

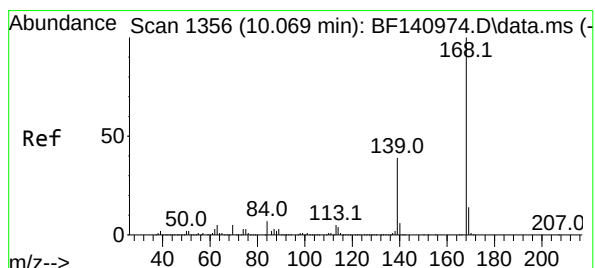
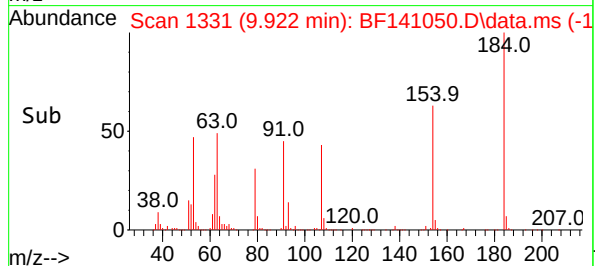
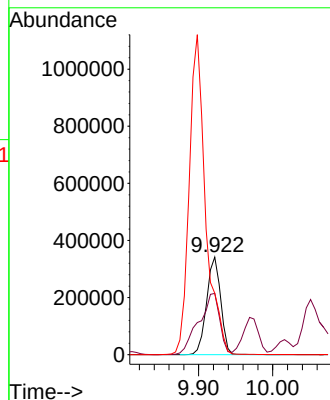
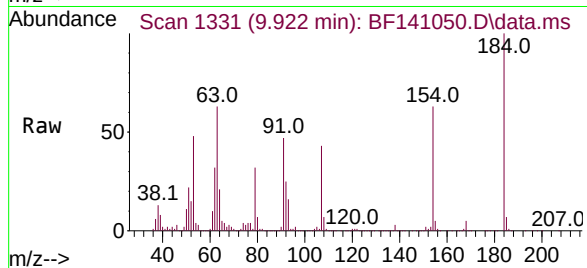
Tgt Ion:184 Resp: 451441

Ion Ratio Lower Upper

184 100

63 62.7 81.6 122.4#

154 62.8 363.5 545.3#



#55

Dibenzofuran

Concen: 52.501 ng

RT: 10.069 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

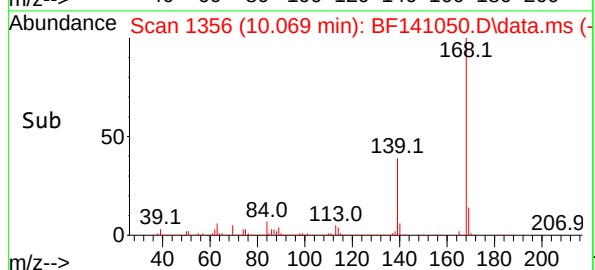
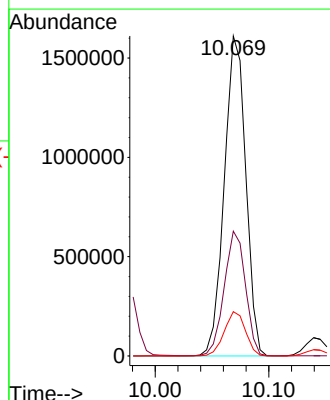
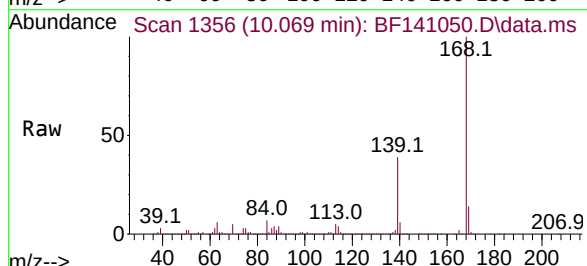
Tgt Ion:168 Resp: 2117754

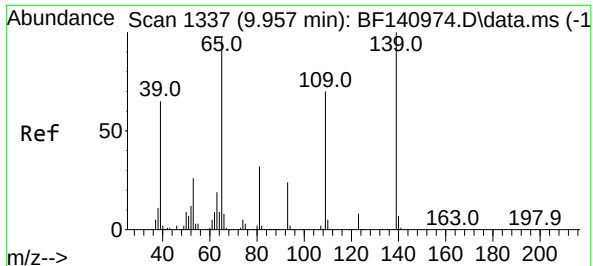
Ion Ratio Lower Upper

168 100

139 39.0 31.6 47.4

169 13.8 11.0 16.6





#56

4-Nitrophenol

Concen: 120.535 ng

RT: 9.975 min Scan# 1337

Delta R.T. 0.018 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

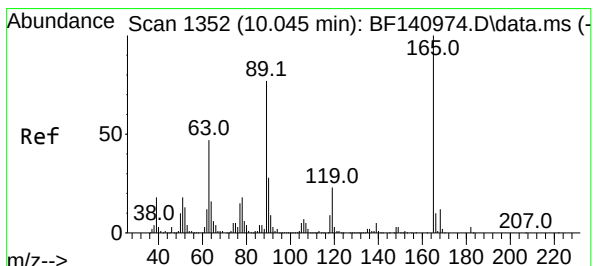
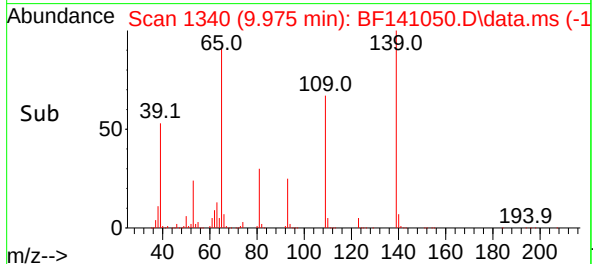
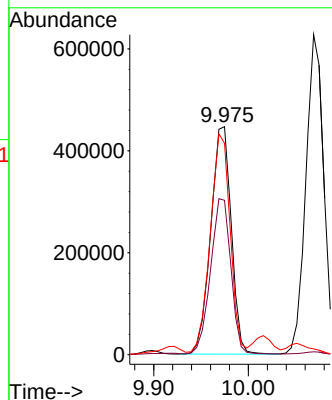
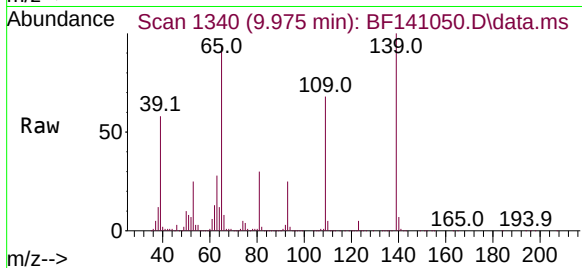
Tgt Ion:139 Resp: 673553

Ion Ratio Lower Upper

139 100

109 67.7 50.8 90.8

65 92.8 78.5 118.5



#57

2,4-Dinitrotoluene

Concen: 66.054 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Tgt Ion:165 Resp: 553721

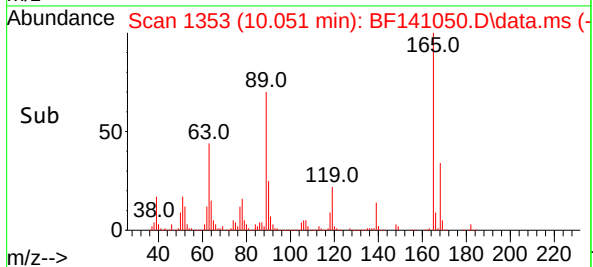
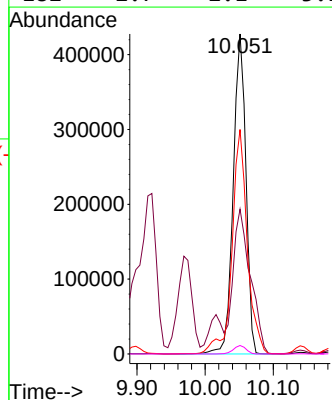
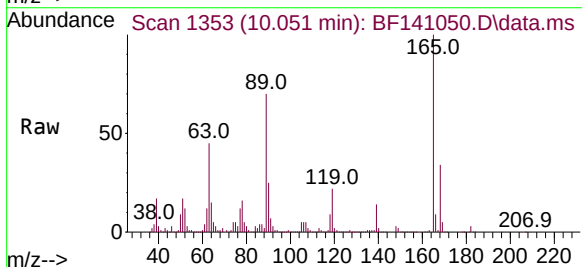
Ion Ratio Lower Upper

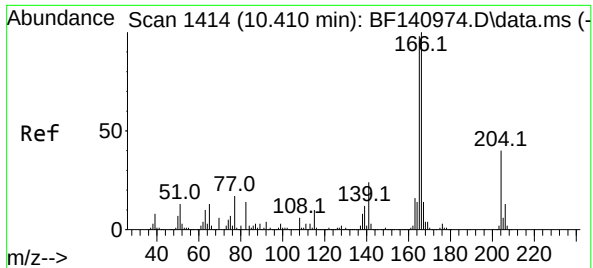
165 100

63 45.3 38.1 57.1

89 70.2 61.4 92.2

182 2.7 2.1 3.1

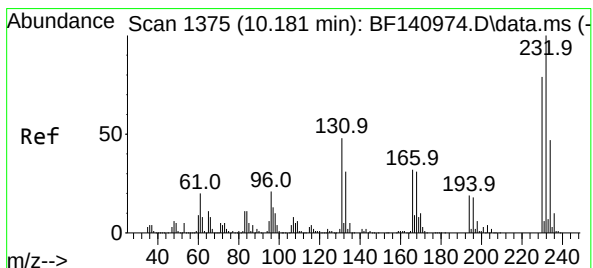
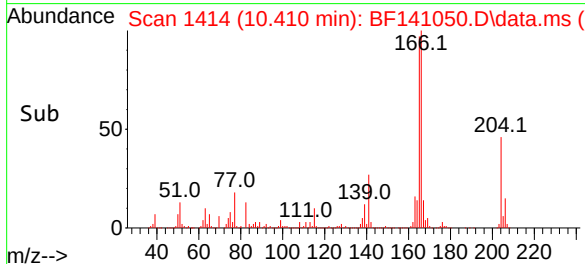
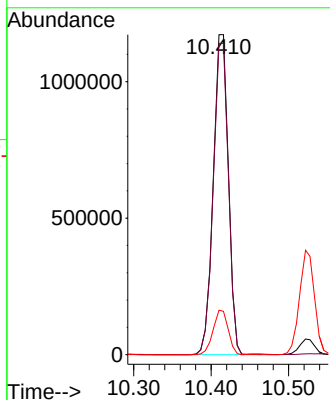
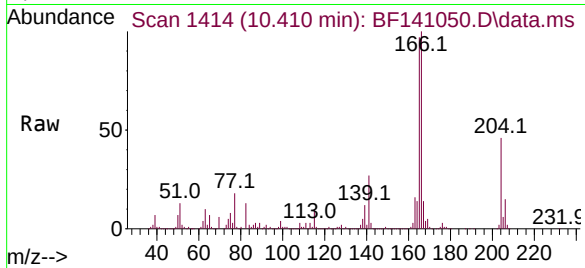




#58
Fluorene
Concen: 50.861 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

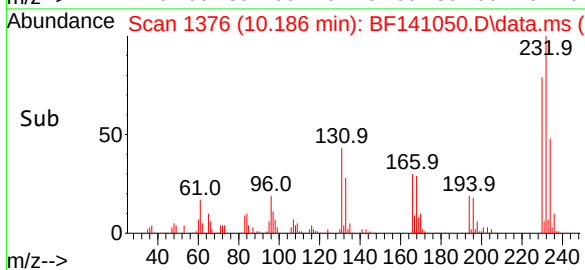
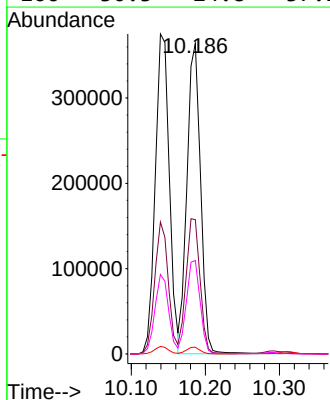
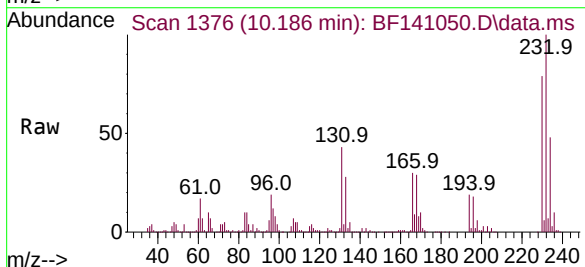
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

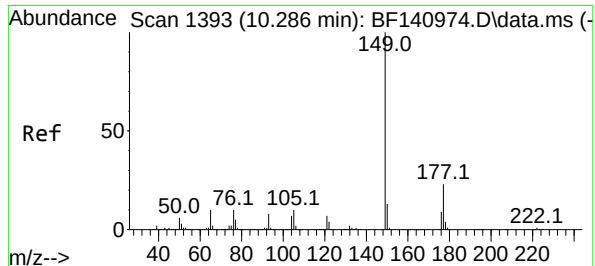
Tgt Ion:166 Resp: 1590906
Ion Ratio Lower Upper
166 100
165 97.3 78.3 117.5
167 13.9 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 60.364 ng
RT: 10.186 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:232 Resp: 465162
Ion Ratio Lower Upper
232 100
131 44.6 37.4 56.2
130 2.2 1.8 2.8
166 30.3 24.8 37.2





#60

Diethylphthalate

Concen: 53.874 ng

RT: 10.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

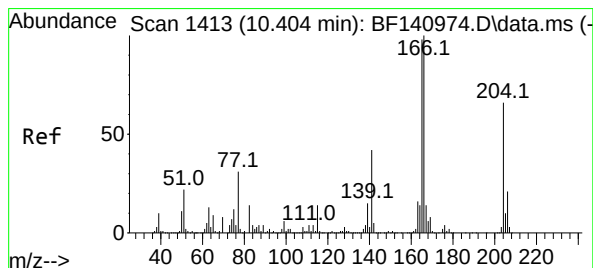
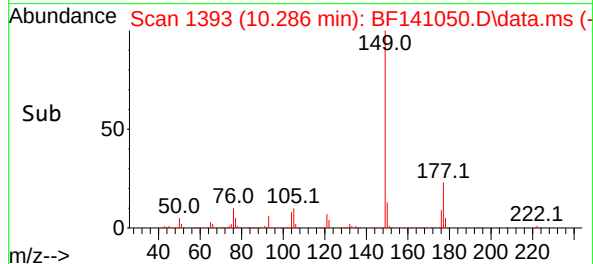
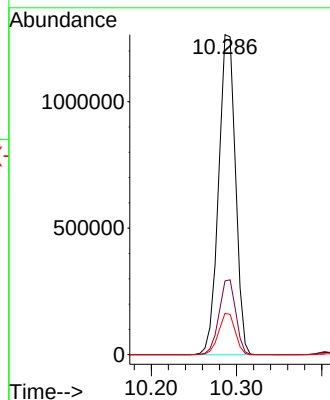
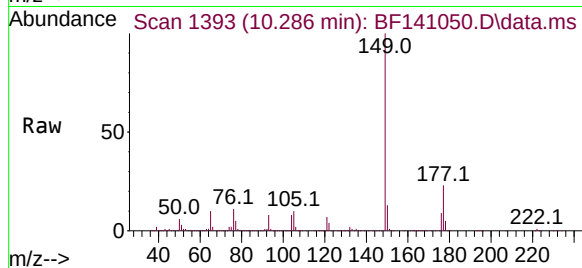
Tgt Ion:149 Resp: 1737471

Ion Ratio Lower Upper

149 100

177 23.0 18.3 27.5

150 12.9 10.4 15.6



#61

4-Chlorophenyl-phenylether

Concen: 52.419 ng

RT: 10.404 min Scan# 1413

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

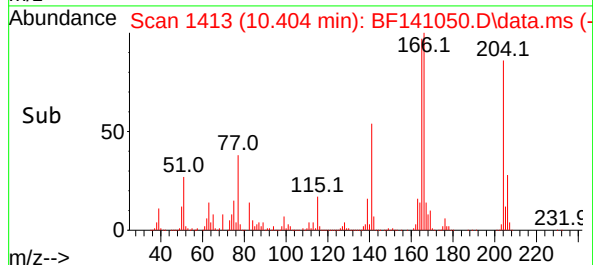
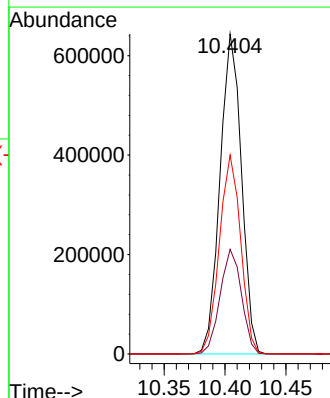
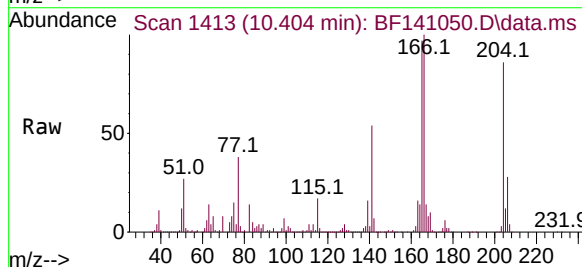
Tgt Ion:204 Resp: 788959

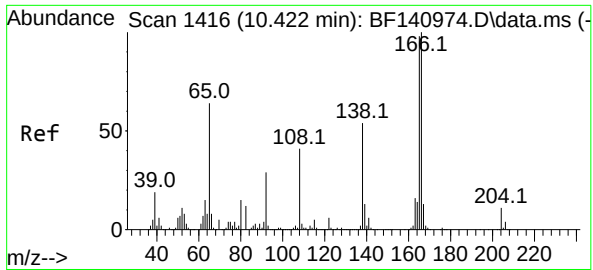
Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

141 62.1 51.2 76.8

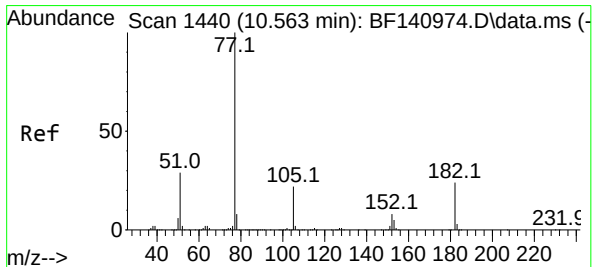
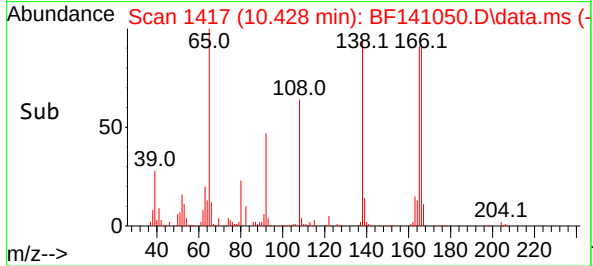
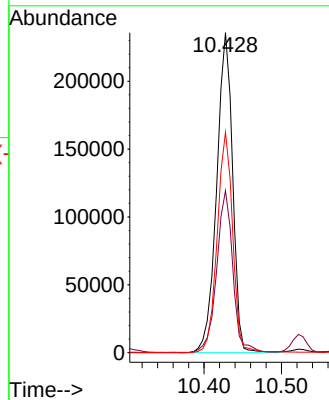
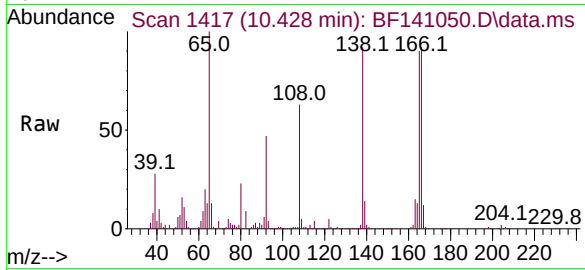




#62
4-Nitroaniline
Concen: 46.707 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

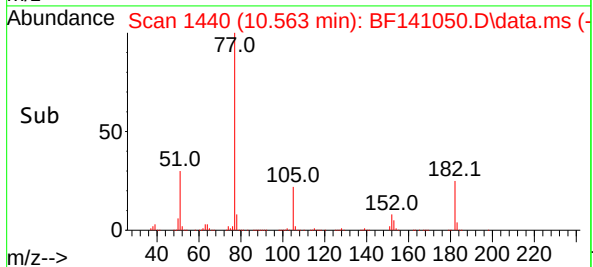
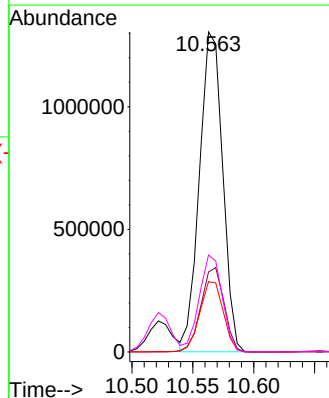
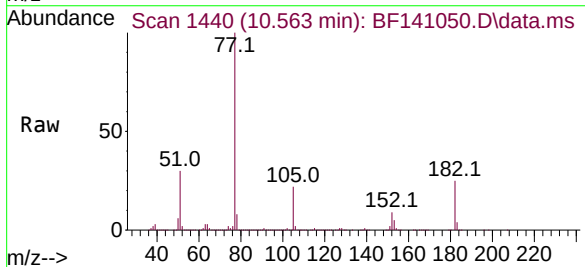
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

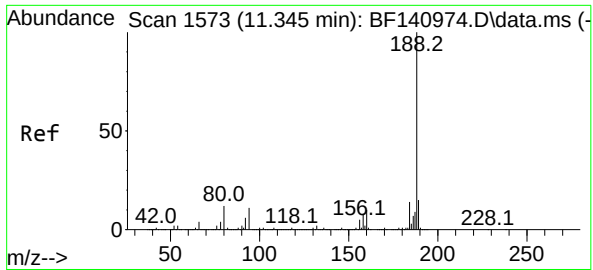
Tgt Ion:138 Resp: 337363
Ion Ratio Lower Upper
138 100
92 50.6 34.8 74.8
108 68.8 55.9 95.9



#63
Azobenzene
Concen: 51.072 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion: 77 Resp: 1728825
Ion Ratio Lower Upper
77 100
182 25.0 4.1 44.1
105 21.9 1.8 41.8
51 30.3 9.7 49.7

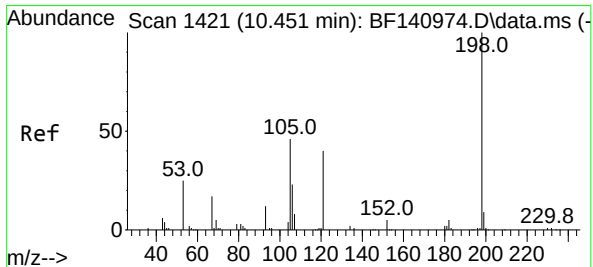
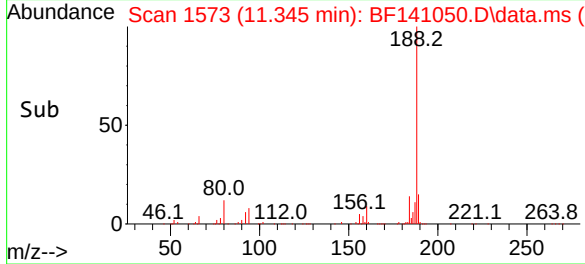
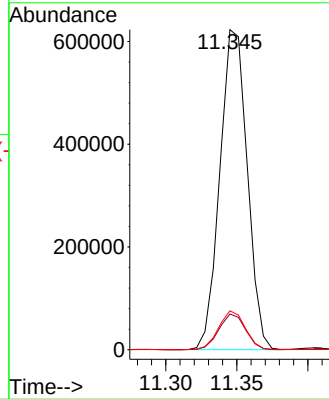
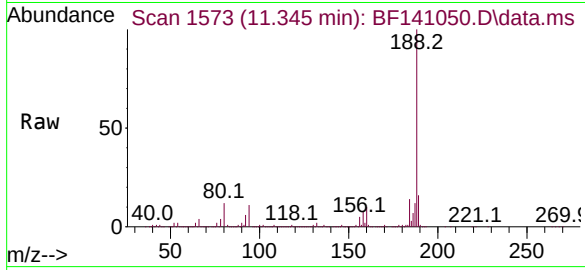




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

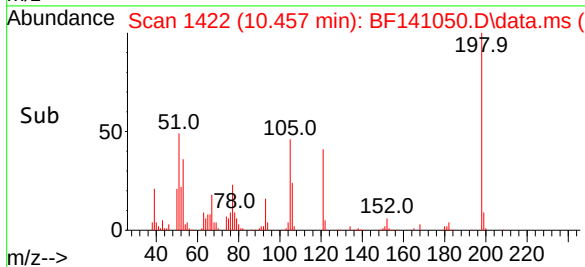
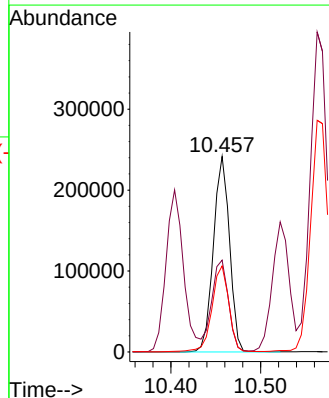
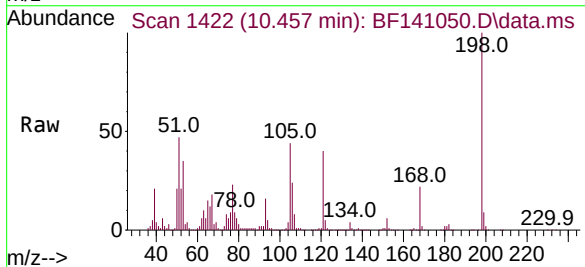
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

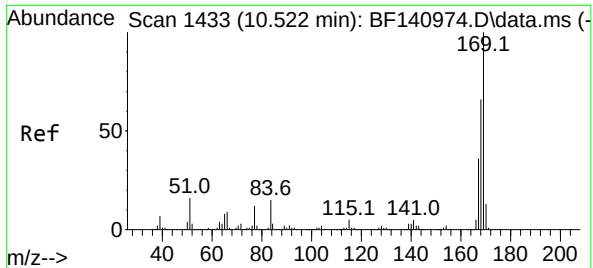
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.6
80	12.2	9.8	14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 82.168 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.0	32.3	72.3
105	44.1	28.4	68.4

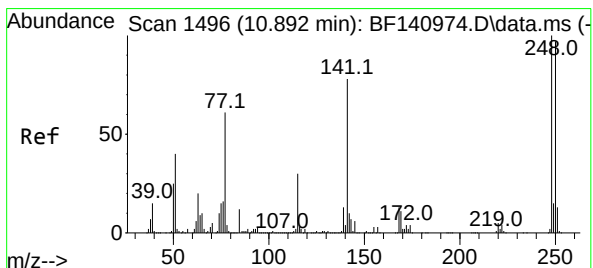
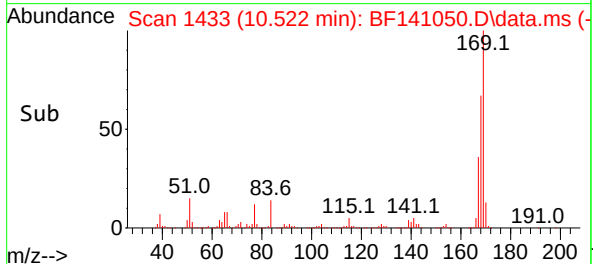
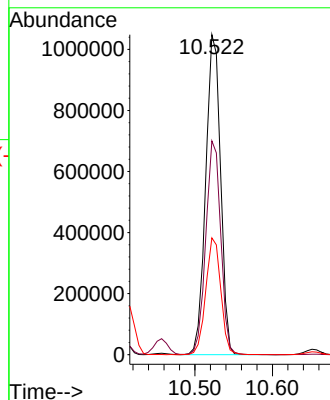
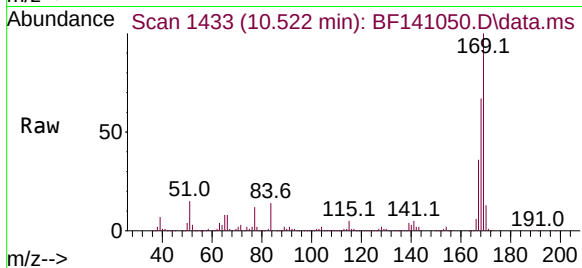




#66
n-Nitrosodiphenylamine
Concen: 52.920 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

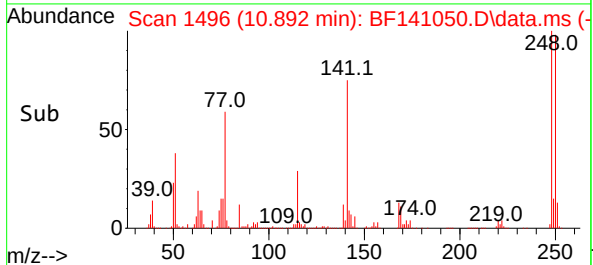
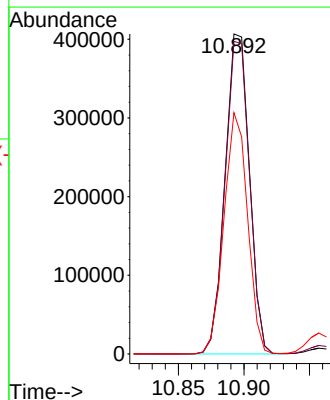
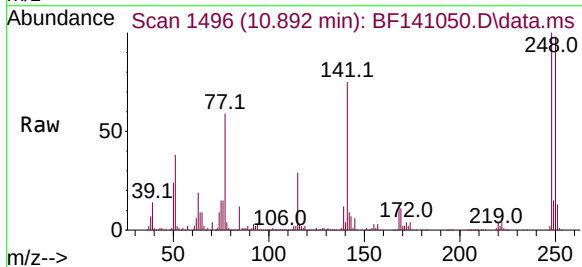
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

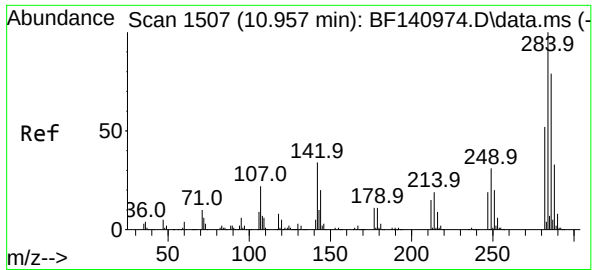
Tgt Ion:169 Resp: 1393151
Ion Ratio Lower Upper
169 100
168 66.8 52.6 79.0
167 36.5 29.0 43.4



#67
4-Bromophenyl-phenylether
Concen: 58.385 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:248 Resp: 527647
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 75.4 62.1 93.1

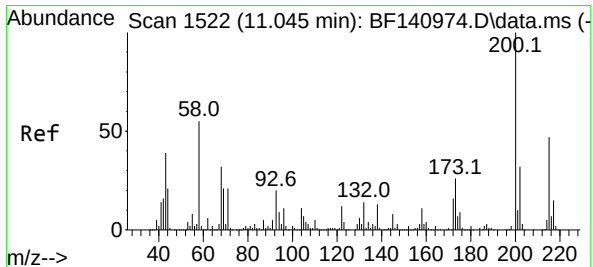
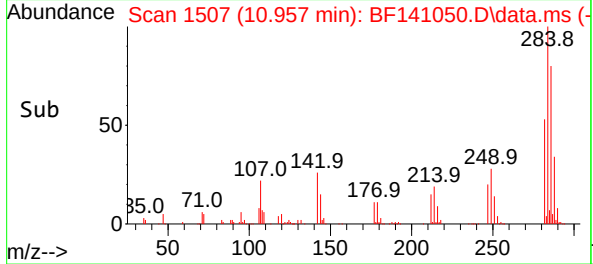
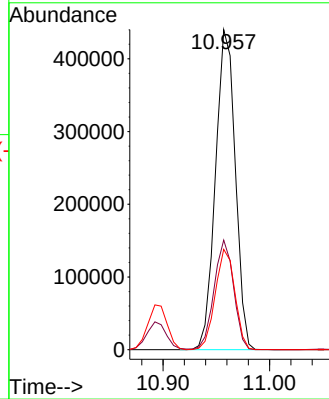
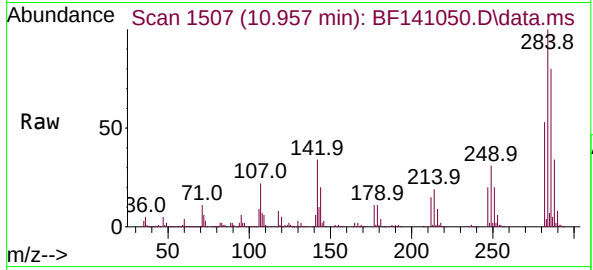




#68
Hexachlorobenzene
Concen: 56.924 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

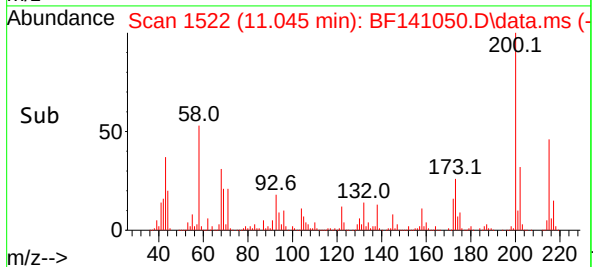
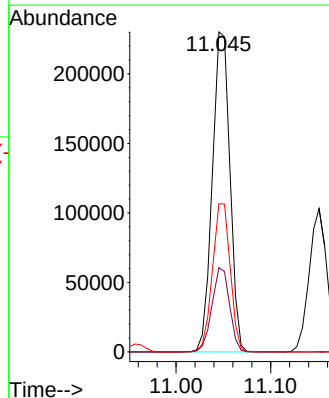
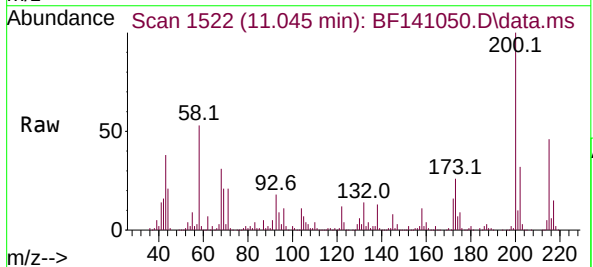
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

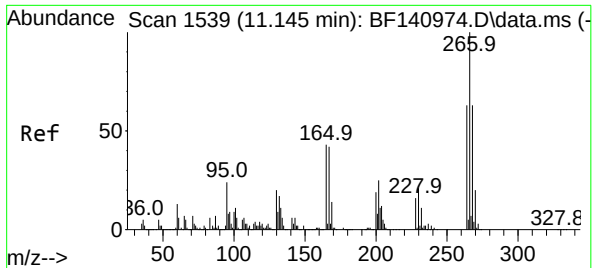
Tgt Ion:284 Resp: 567260
Ion Ratio Lower Upper
284 100
142 34.2 27.1 40.7
249 31.3 25.1 37.7



#69
Atrazine
Concen: 40.574 ng
RT: 11.045 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:200 Resp: 298407
Ion Ratio Lower Upper
200 100
173 26.4 6.4 46.4
215 46.4 27.2 67.2

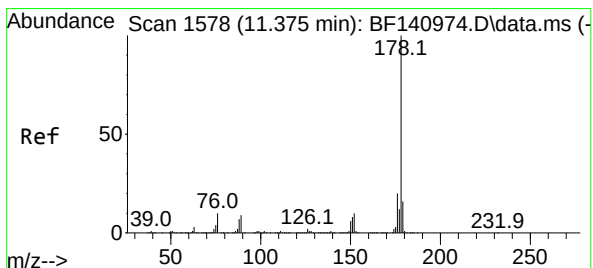
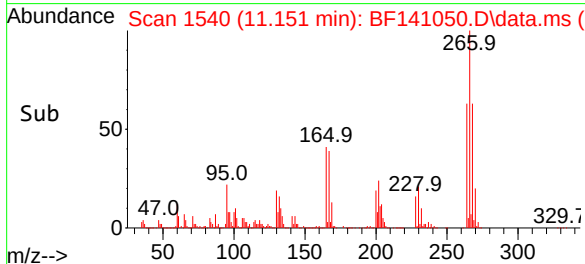
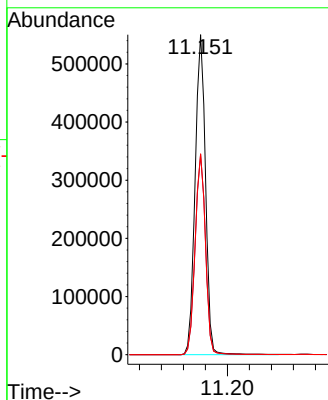
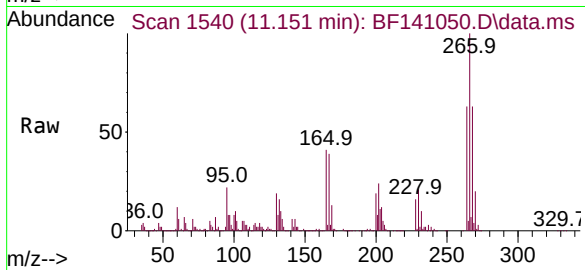




#70
Pentachlorophenol
Concen: 116.419 ng
RT: 11.151 min Scan# 1539
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

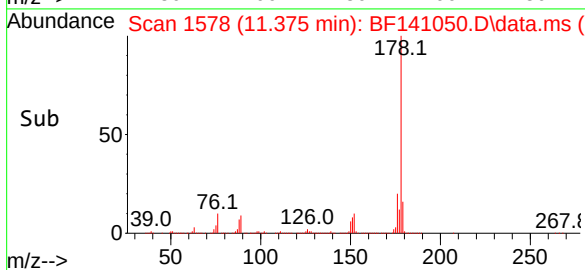
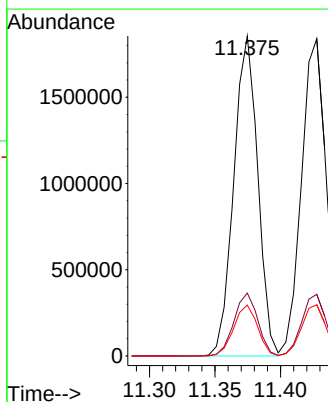
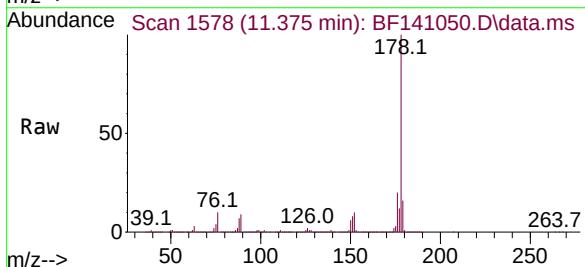
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

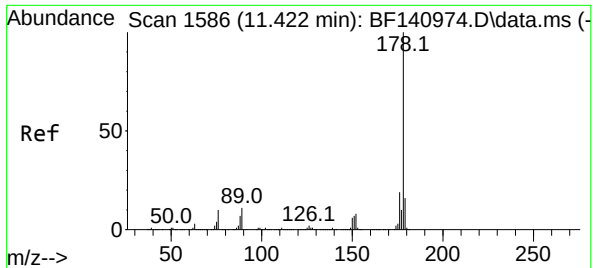
Tgt Ion:266 Resp: 722306
Ion Ratio Lower Upper
266 100
268 62.6 50.5 75.7
264 62.8 50.2 75.4



#71
Phenanthrene
Concen: 53.762 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:178 Resp: 2365531
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 12.6 19.0

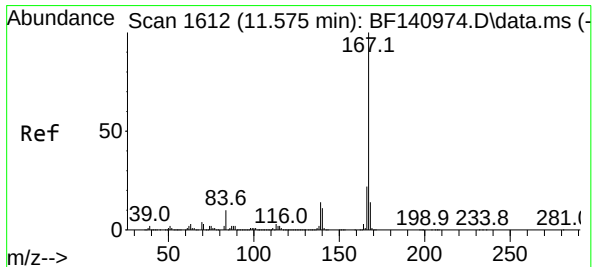
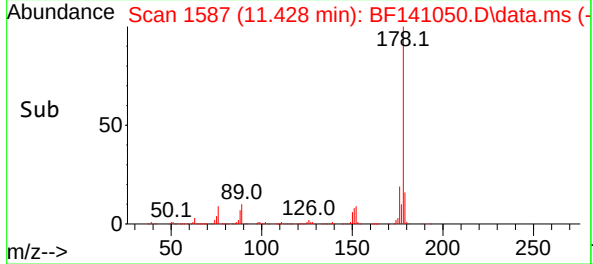
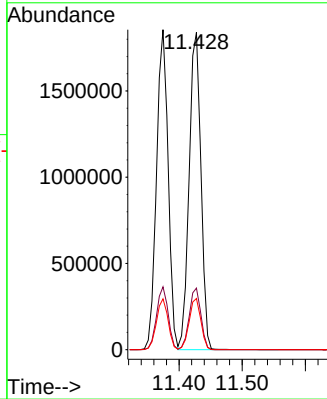
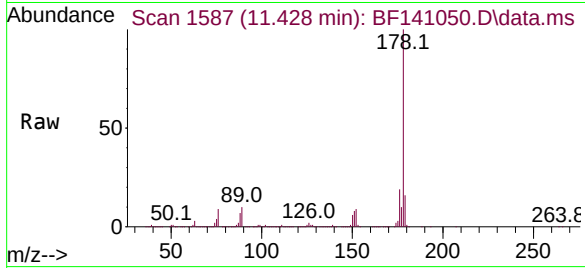




#72
Anthracene
Concen: 55.270 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

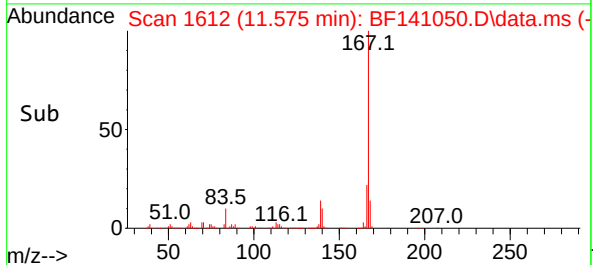
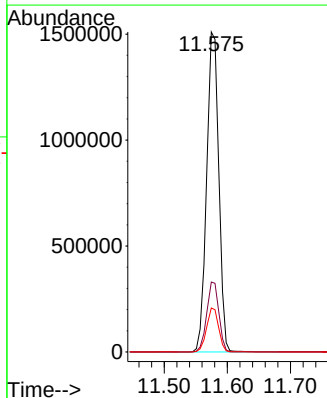
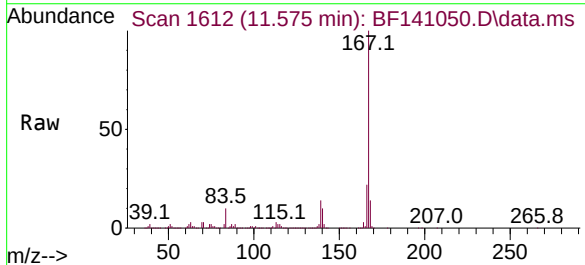
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

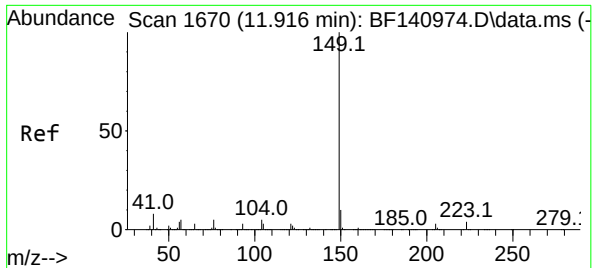
Tgt Ion:178 Resp: 2382942
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.2 12.9 19.3



#73
Carbazole
Concen: 48.920 ng
RT: 11.575 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:167 Resp: 2027569
Ion Ratio Lower Upper
167 100
166 21.8 17.5 26.3
139 13.8 11.0 16.4

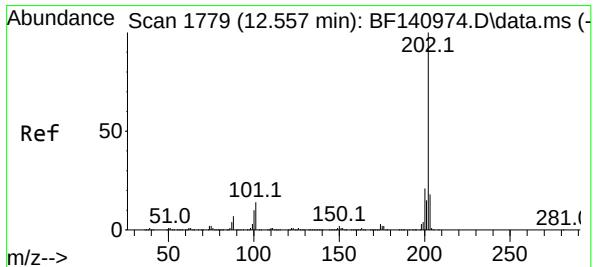
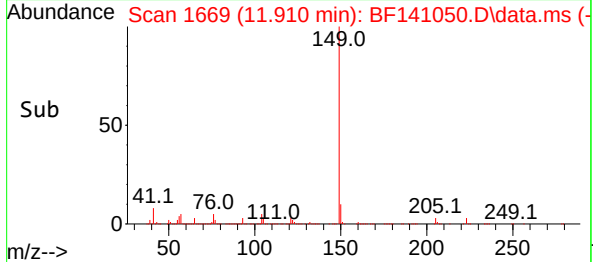
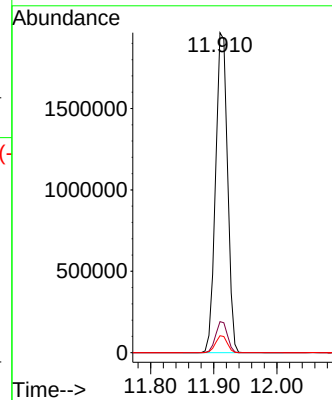
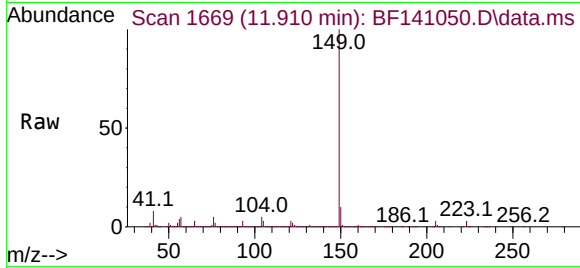




#74
Di-n-butylphthalate
Concen: 54.661 ng
RT: 11.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

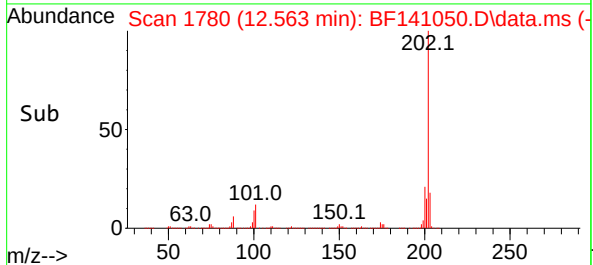
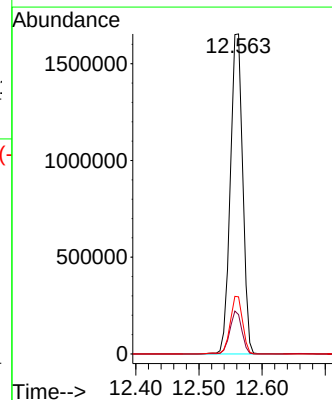
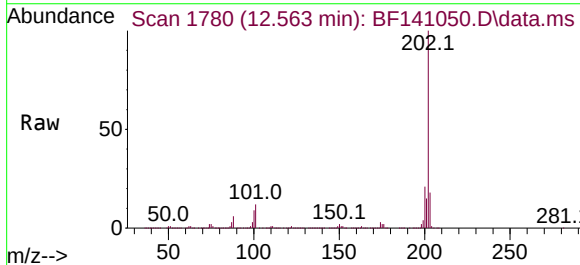
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

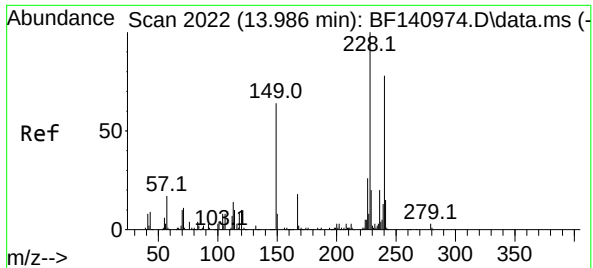
Tgt Ion:149 Resp: 2576813
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 5.3 4.1 6.1



#75
Fluoranthene
Concen: 47.295 ng
RT: 12.563 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:202 Resp: 2256974
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.7
203 17.9 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

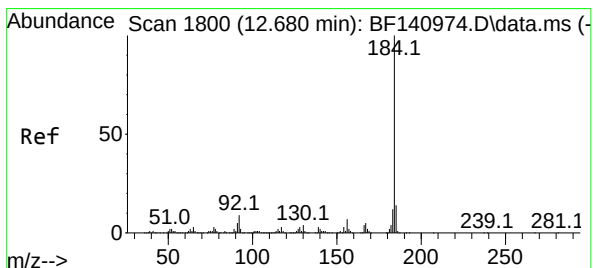
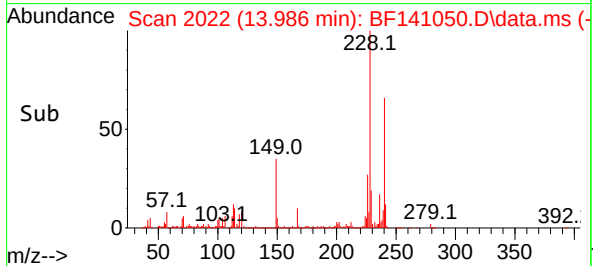
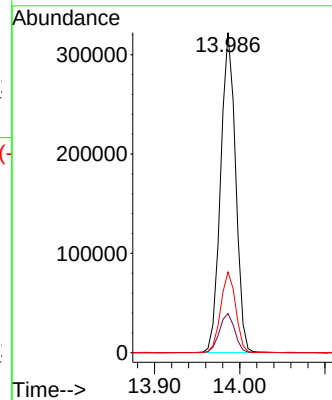
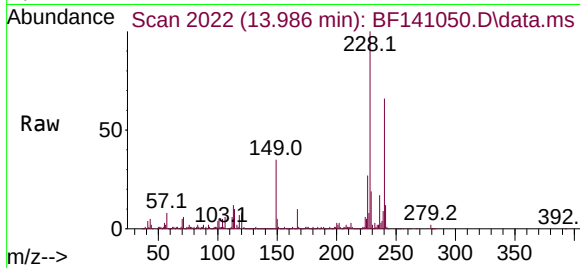
Tgt Ion:240 Resp: 393323

Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

236 25.2 20.6 31.0



#77

Benidine

Concen: 6.922 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

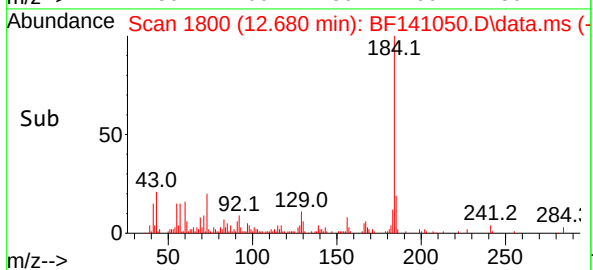
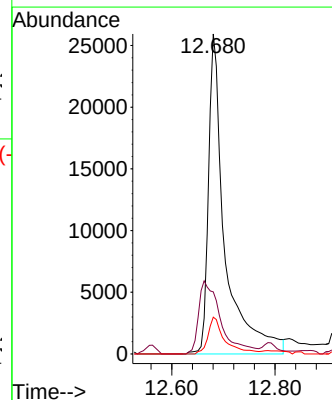
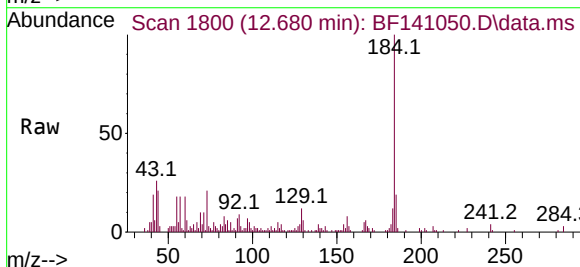
Tgt Ion:184 Resp: 57535

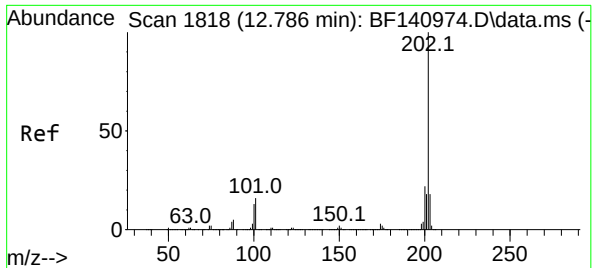
Ion Ratio Lower Upper

184 100

185 19.4 11.4 17.2#

183 11.5 9.4 14.0

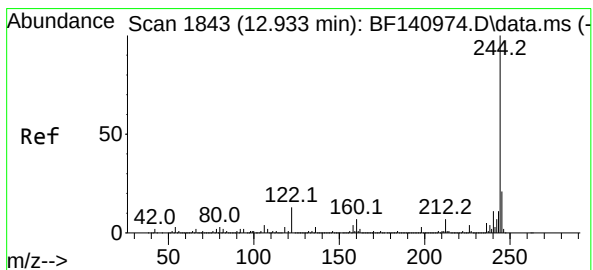
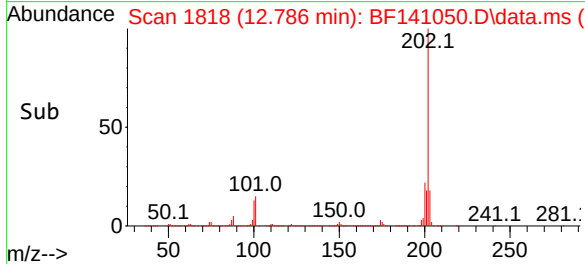
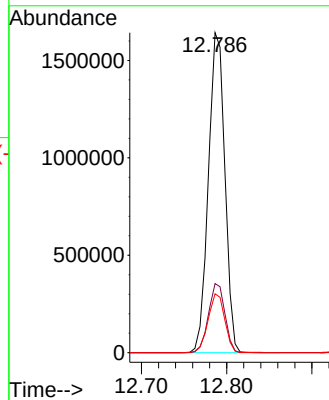
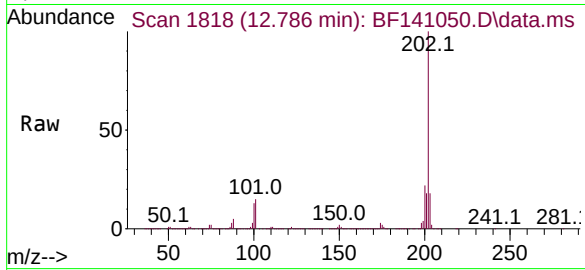




#78
Pyrene
Concen: 64.070 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

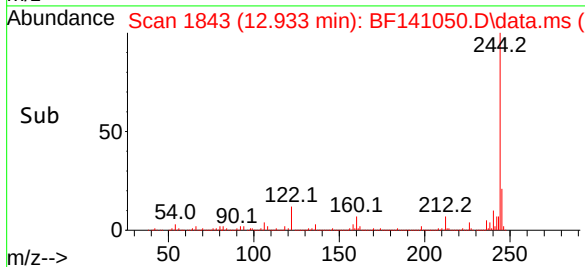
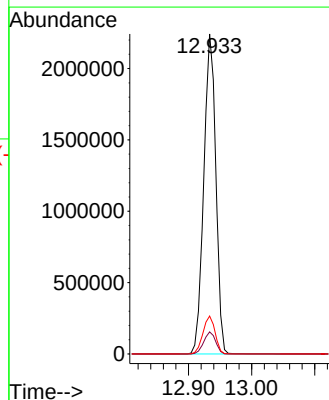
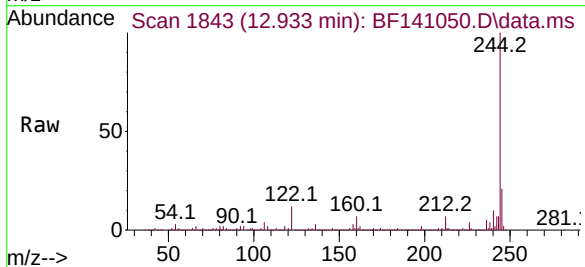
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

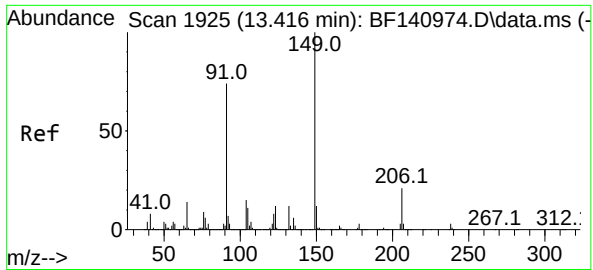
Tgt Ion:202 Resp: 2203962
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.4 14.6 21.8



#79
Terphenyl-d14
Concen: 125.649 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF141050.D
Acq: 31 Dec 2024 11:23

Tgt Ion:244 Resp: 2975359
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.9 10.2 15.2





#80

Butylbenzylphthalate

Concen: 65.596 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

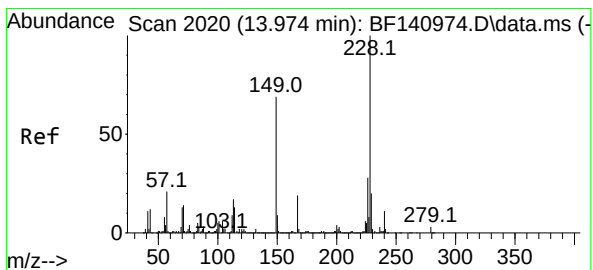
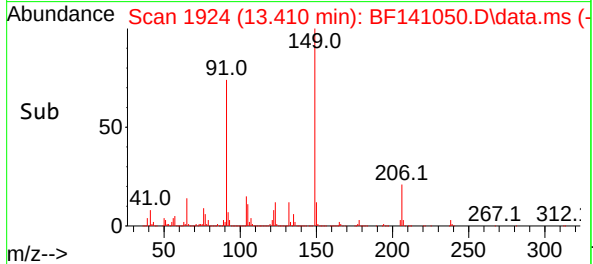
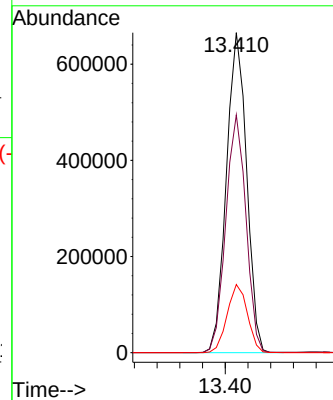
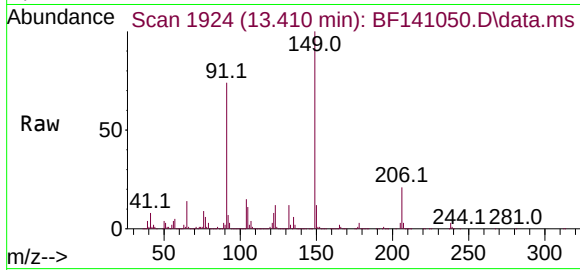
Tgt Ion:149 Resp: 823945

Ion Ratio Lower Upper

149 100

91 74.3 59.5 89.3

206 21.3 17.1 25.7



#81

Benzo(a)anthracene

Concen: 50.400 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

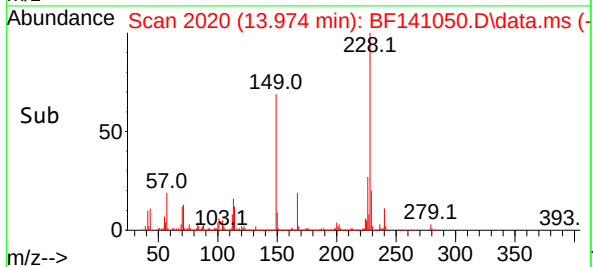
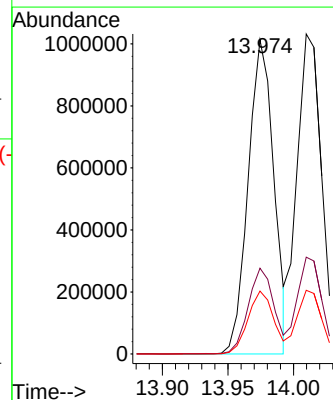
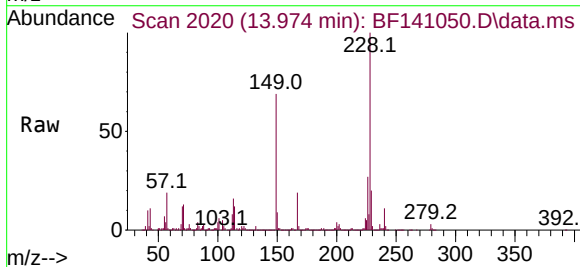
Tgt Ion:228 Resp: 1381591

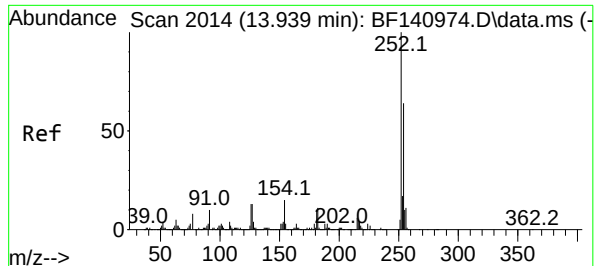
Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.0 16.2 24.2





#82

3,3'-Dichlorobenzidine

Concen: 11.707 ng

RT: 13.939 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

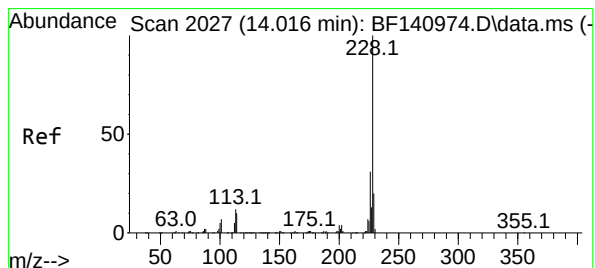
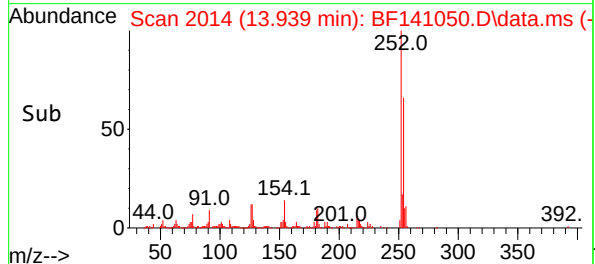
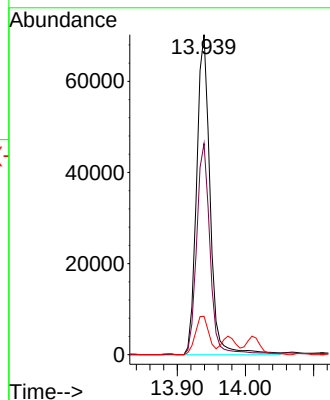
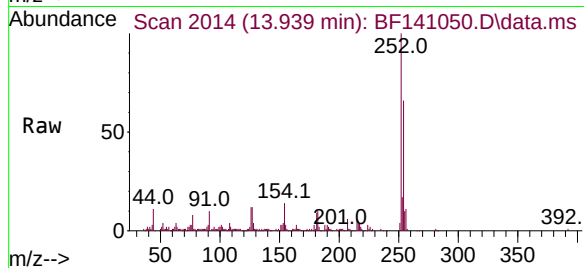
Tgt Ion:252 Resp: 96417

Ion Ratio Lower Upper

252 100

254 66.0 51.5 77.3

126 12.0 10.3 15.5



#83

Chrysene

Concen: 54.275 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

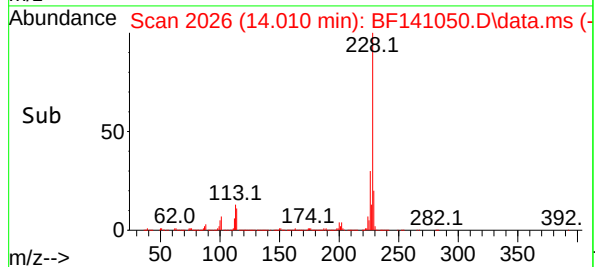
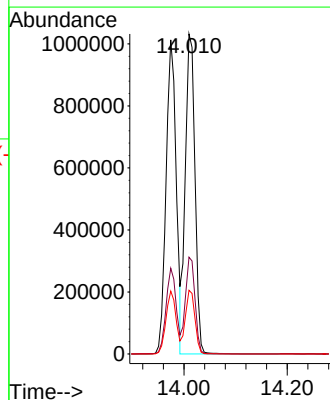
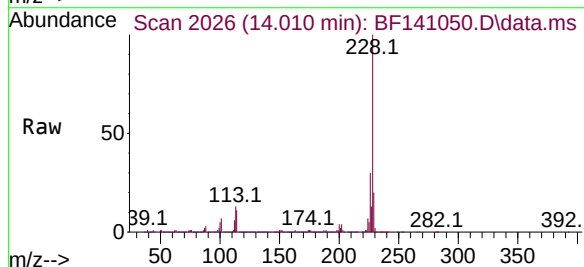
Tgt Ion:228 Resp: 1341215

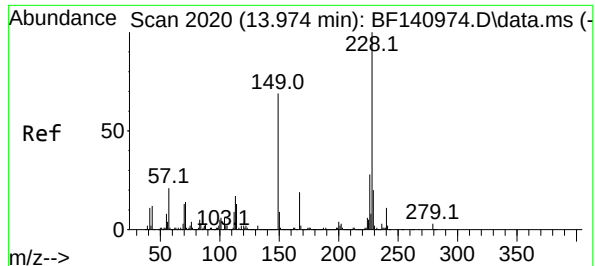
Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.9 16.2 24.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 56.385 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

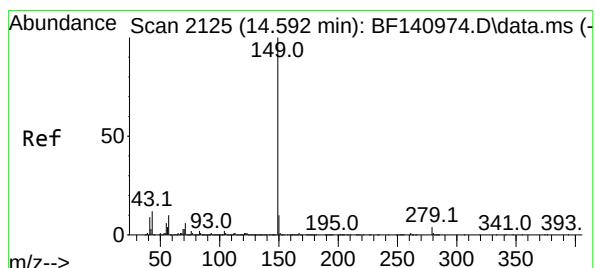
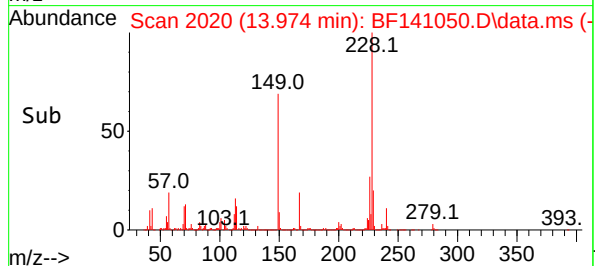
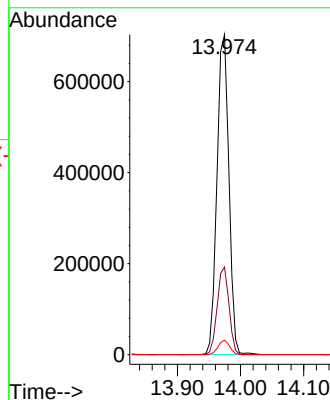
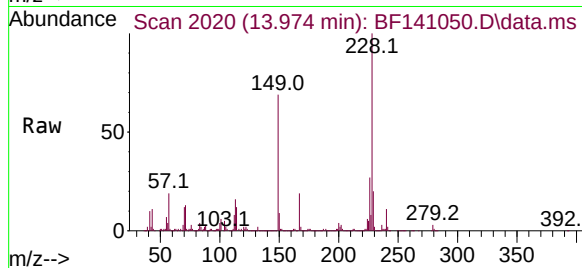
Tgt Ion:149 Resp: 918706

Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 4.6 3.2 4.8



#85

Di-n-octyl phthalate

Concen: 60.294 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

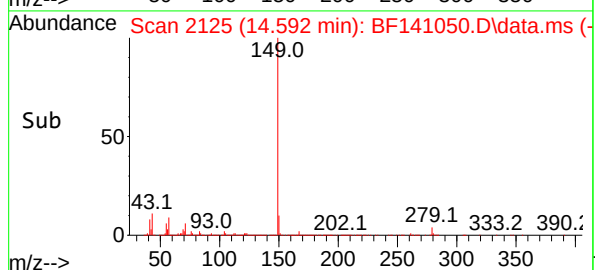
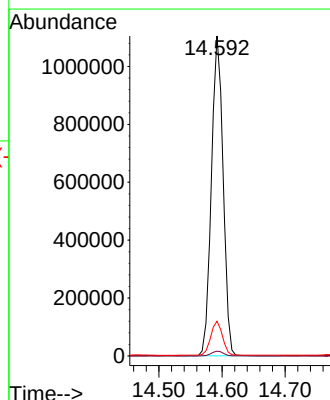
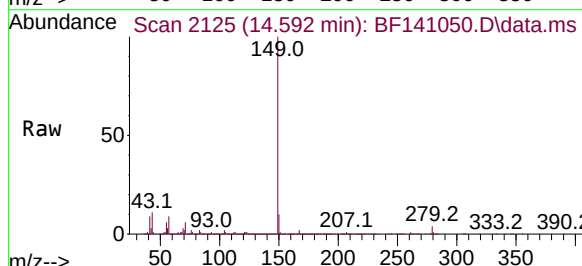
Tgt Ion:149 Resp: 1421857

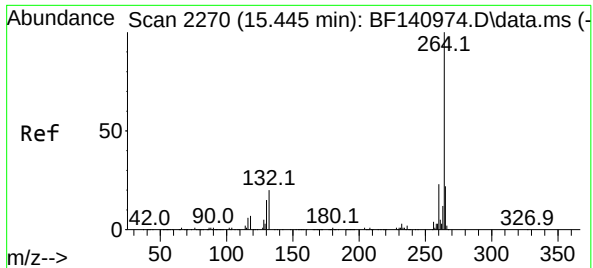
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 9.3 13.9

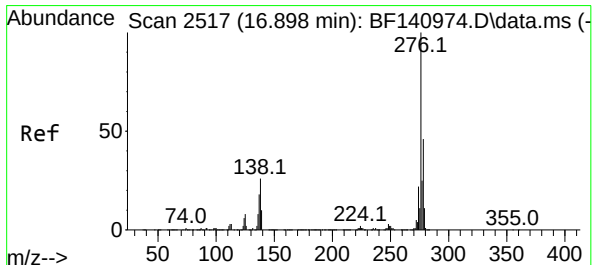
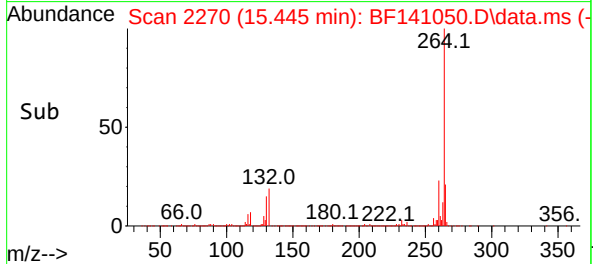
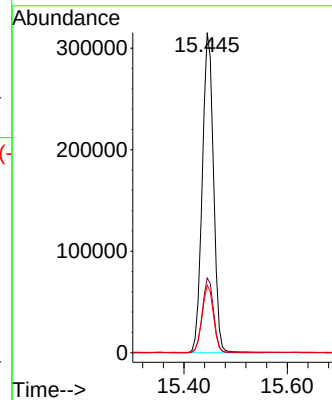
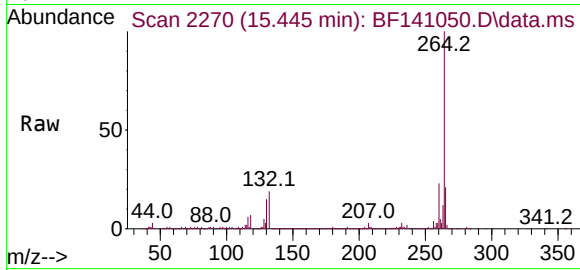




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141050.D
 Acq: 31 Dec 2024 11:23

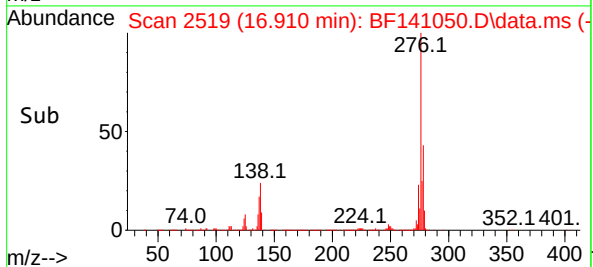
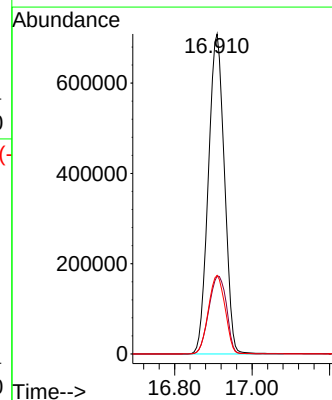
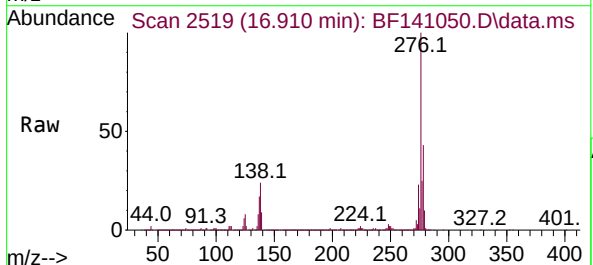
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219MS

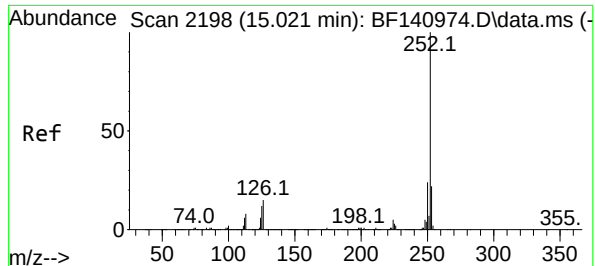
Tgt Ion:264 Resp: 476566
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.1 17.4 26.2



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 68.008 ng
 RT: 16.910 min Scan# 2519
 Delta R.T. 0.012 min
 Lab File: BF141050.D
 Acq: 31 Dec 2024 11:23

Tgt Ion:276 Resp: 2041908
 Ion Ratio Lower Upper
 276 100
 138 26.8 23.1 34.7
 277 25.6 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 46.138 ng

RT: 15.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

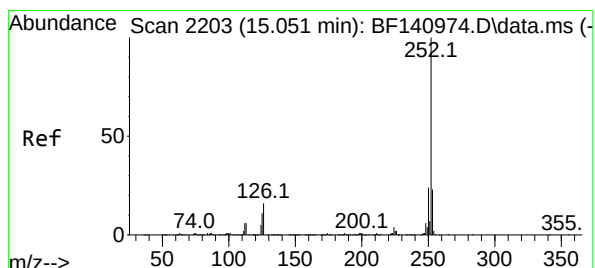
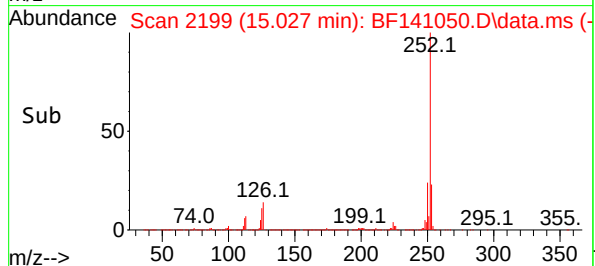
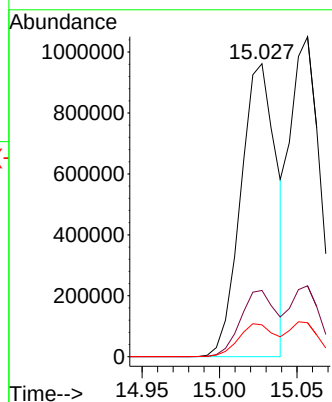
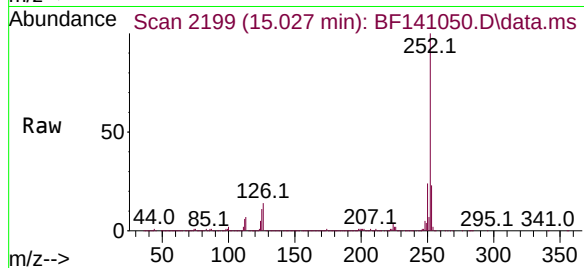
Tgt Ion:252 Resp: 1533522

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 10.9 9.3 13.9



#89

Benzo(k)fluoranthene

Concen: 53.469 ng

RT: 15.057 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

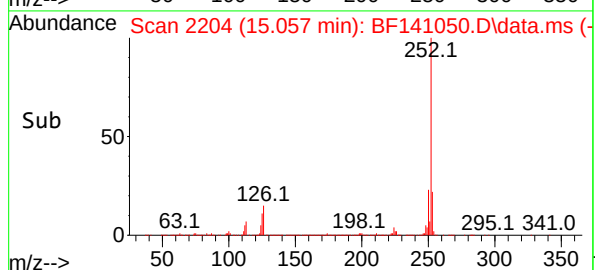
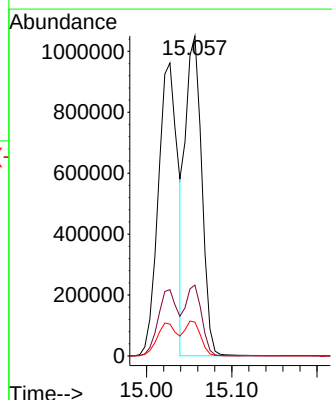
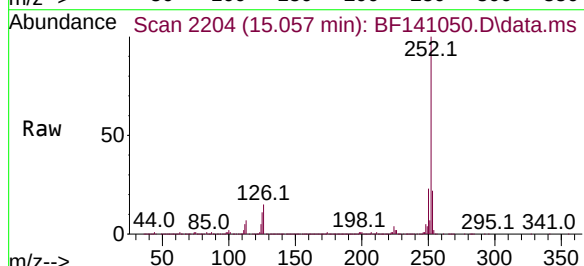
Tgt Ion:252 Resp: 1392896

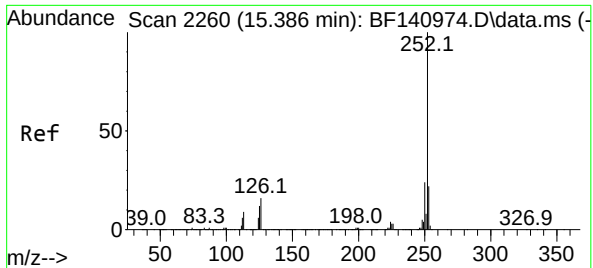
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.6 9.4 14.0





#90

Benzo(a)pyrene

Concen: 57.172 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS

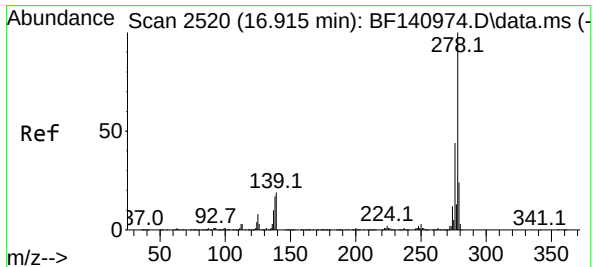
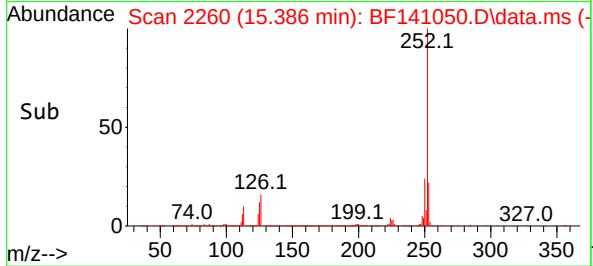
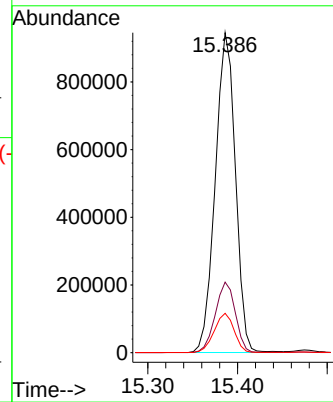
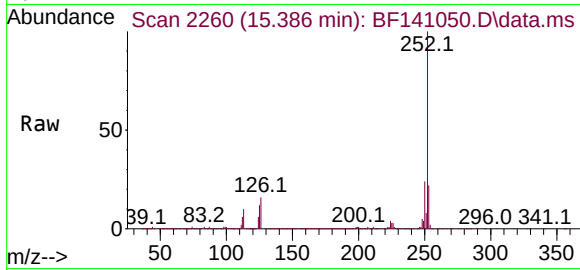
Tgt Ion:252 Resp: 1474947

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.3 9.8 14.8



#91

Dibenzo(a,h)anthracene

Concen: 68.084 ng

RT: 16.927 min Scan# 2522

Delta R.T. 0.012 min

Lab File: BF141050.D

Acq: 31 Dec 2024 11:23

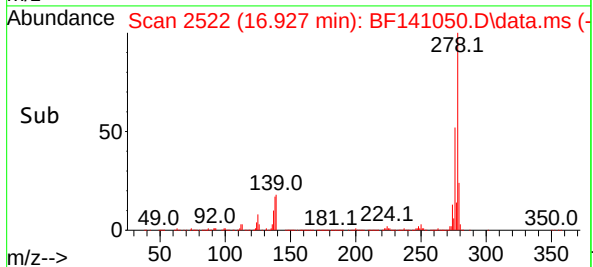
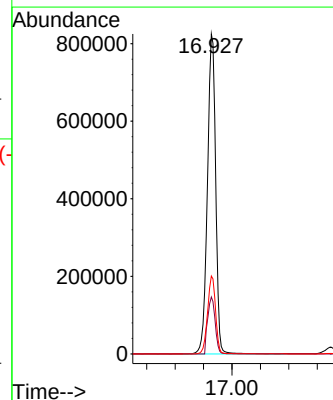
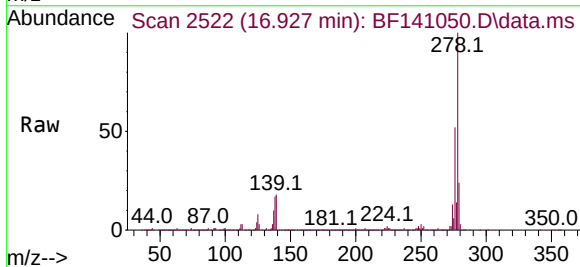
Tgt Ion:278 Resp: 1657060

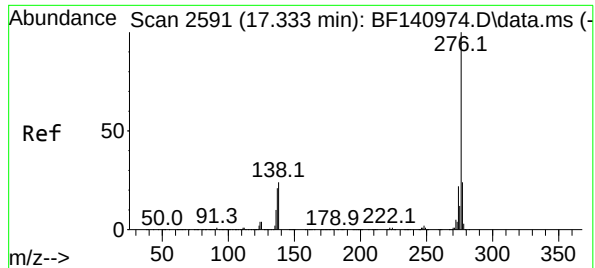
Ion Ratio Lower Upper

278 100

139 17.8 14.9 22.3

279 24.3 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 61.533 ng

RT: 17.345 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141050.D

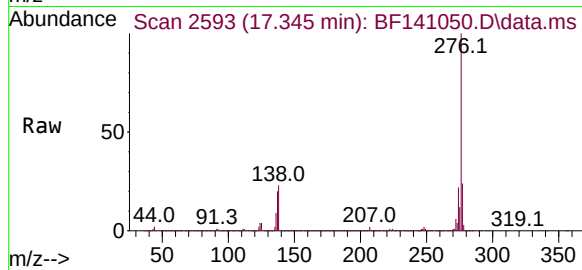
Acq: 31 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MS



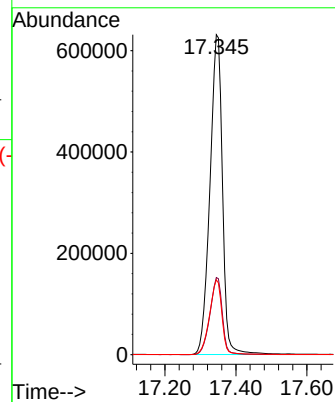
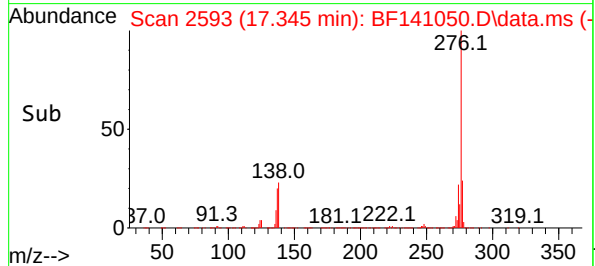
Tgt Ion:276 Resp: 1553299

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 23.4 19.4 29.2



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219MSD	SDG No.:	P5362
Lab Sample ID:	P5362-02MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141051.D	1	12/27/24 10:25	12/31/24 11:49	PB165894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	310		15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	470		8.40	50.0	ug/L
95-48-7	2-Methylphenol	510		11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	500		11.5	100	ug/L
67-72-1	Hexachloroethane	490		10.1	50.0	ug/L
98-95-3	Nitrobenzene	550		12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	490		12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	560		8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	550		10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	640		15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	550		11.4	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		10 - 139	97%	SPK: 150
13127-88-3	Phenol-d6	141		10 - 134	94%	SPK: 150
4165-60-0	Nitrobenzene-d5	127		49 - 133	127%	SPK: 100
321-60-8	2-Fluorobiphenyl	100		52 - 132	100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	184		44 - 137	123%	SPK: 150
1718-51-0	Terphenyl-d14	122		48 - 125	122%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	232000		6.828		
1146-65-2	Naphthalene-d8	925000		8.11		
15067-26-2	Acenaphthene-d10	504000		9.863		
1517-22-2	Phenanthrene-d10	850000		11.345		
1719-03-5	Chrysene-d12	416000		13.986		
1520-96-3	Perylene-d12	473000		15.439		

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219MSD	SDG No.:	P5362
Lab Sample ID:	P5362-02MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141051.D	1	12/27/24 10:25	12/31/24 11:49	PB165894

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\BF123124\
 Data File : BF141051.D
 Acq On : 31 Dec 2024 11:49
 Operator : RC/JU
 Sample : P5362-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219MSD

Quant Time: Dec 31 12:24:02 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	232407	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	925099	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	503882	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	849705	20.000	ng	0.00
76) Chrysene-d12	13.986	240	416215	20.000	ng	0.00
86) Perylene-d12	15.439	264	472841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	2232244	144.782	ng	0.02
7) Phenol-d6	6.457	99	2798607	140.905	ng	0.00
23) Nitrobenzene-d5	7.393	82	1830790	126.614	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	902078	184.238	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	3174486	100.375	ng	0.00
79) Terphenyl-d14	12.933	244	3052555	121.819	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	301805	43.237	ng	# 84
3) Pyridine	3.463	79	525609	30.812	ng	99
4) n-Nitrosodimethylamine	3.393	42	404046	46.747	ng	98
6) Aniline	6.493	93	313867	17.719	ng	96
8) 2-Chlorophenol	6.616	128	856828	52.711	ng	96
10) Phenol	6.475	94	994035	48.401	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	791469	47.729	ng	97
12) 1,3-Dichlorobenzene	6.769	146	845122	47.109	ng	100
13) 1,4-Dichlorobenzene	6.845	146	855568	47.309	ng	99
14) 1,2-Dichlorobenzene	6.998	146	821715	48.733	ng	99
15) Benzyl Alcohol	6.969	79	713963	50.023	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1231138	49.092	ng	99
17) 2-Methylphenol	7.081	107	691685	51.219	ng	99
18) Hexachloroethane	7.345	117	315734	49.147	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	598936	49.223	ng	99
20) 3+4-Methylphenols	7.234	107	847125	49.570	ng	# 85
22) Acetophenone	7.240	105	1093369	48.179	ng	98
24) Nitrobenzene	7.410	77	884486	54.743	ng	96
25) Isophorone	7.651	82	1611721	51.223	ng	100
26) 2-Nitrophenol	7.728	139	438453	64.206	ng	98
27) 2,4-Dimethylphenol	7.757	122	700554	60.921	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	987760	49.547	ng	100
29) 2,4-Dichlorophenol	7.963	162	694221	53.229	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	718917	48.702	ng	99
31) Naphthalene	8.134	128	2349067	48.189	ng	100
32) Benzoic acid	7.875	122	547658	56.289	ng	97
33) 4-Chloroaniline	8.175	127	72192	4.094	ng	99
34) Hexachlorobutadiene	8.251	225	426348	48.992	ng	100
35) Caprolactam	8.539	113	191933m	43.289	ng	
36) 4-Chloro-3-methylphenol	8.657	107	760877	52.532	ng	99
37) 2-Methylnaphthalene	8.822	142	1569379	50.324	ng	100
38) 1-Methylnaphthalene	8.922	142	1473767	48.086	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	700190	50.510	ng	99
41) Hexachlorocyclopentadiene	8.975	237	837030	182.207	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	516987	56.035	ng	99
44) 2,4,5-Trichlorophenol	9.139	196	517247	54.792	ng	98

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 Acq On : 31 Dec 2024 11:49
 Operator : RC/JU
 Sample : P5362-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219MSD

Quant Time: Dec 31 12:24:02 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

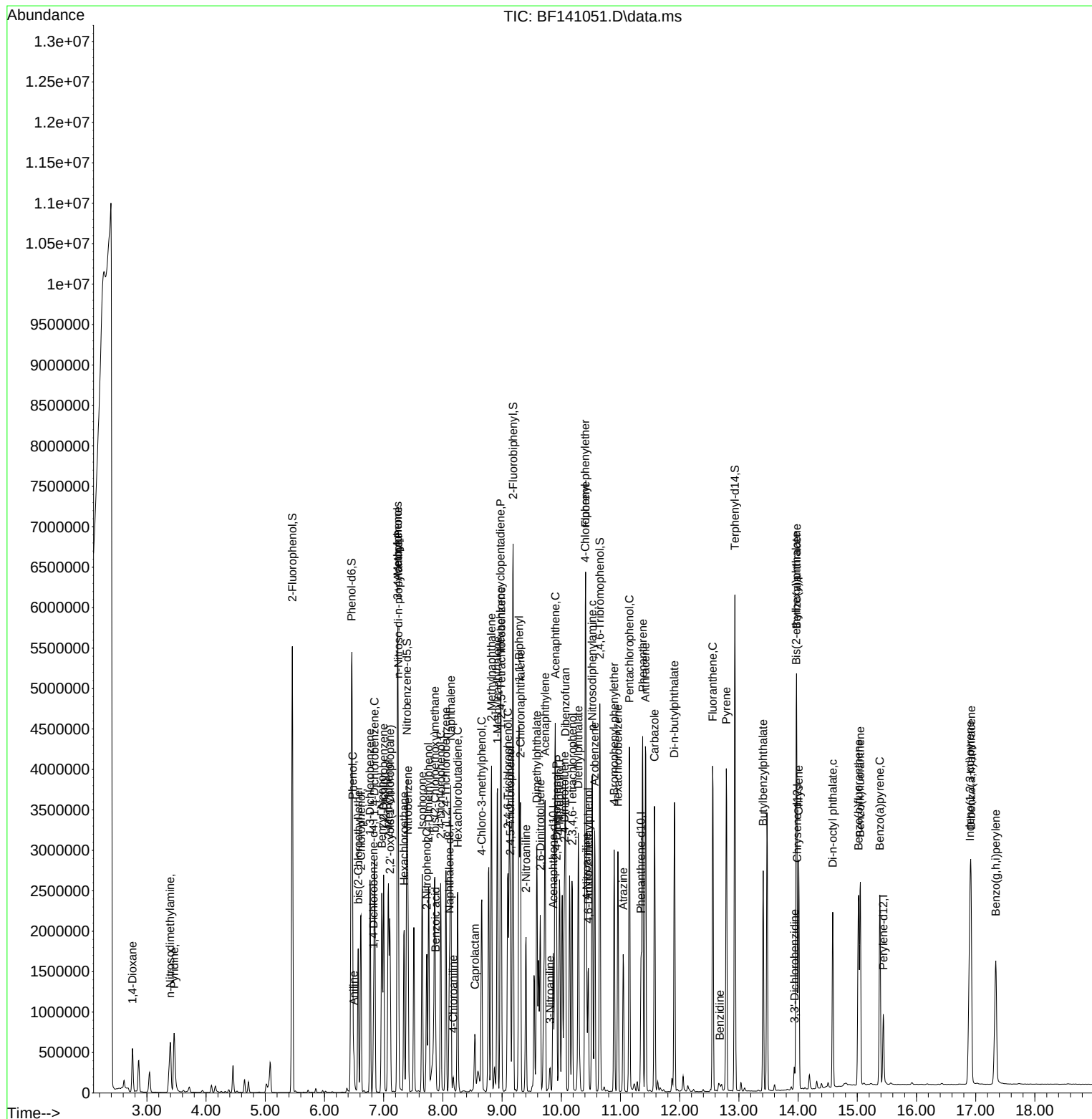
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.287	154	1932118	50.078	ng	99
47) 2-Chloronaphthalene	9.310	162	1464242	48.934	ng	99
48) 2-Nitroaniline	9.404	65	460638	57.795	ng	92
49) Acenaphthylene	9.728	152	2262303	52.519	ng	99
50) Dimethylphthalate	9.586	163	1786357	53.897	ng	100
51) 2,6-Dinitrotoluene	9.645	165	395932	57.772	ng	96
52) Acenaphthene	9.898	154	1698760	58.334	ng	99
53) 3-Nitroaniline	9.810	138	65298	11.544	ng	# 95
54) 2,4-Dinitrophenol	9.922	184	446375	129.142	ng	# 1
55) Dibenzofuran	10.069	168	2073334	50.661	ng	99
56) 4-Nitrophenol	9.969	139	661085	116.604	ng	97
57) 2,4-Dinitrotoluene	10.051	165	542012	63.887	ng	95
58) Fluorene	10.410	166	1580114	49.790	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	462961	59.215	ng	97
60) Diethylphthalate	10.286	149	1712441	52.335	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	773442	50.650	ng	98
62) 4-Nitroaniline	10.428	138	328695	44.986	ng	94
63) Azobenzene	10.563	77	1711084	49.822	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	293693	79.159	ng	92
66) n-Nitrosodiphenylamine	10.522	169	1374523	51.370	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	515279	56.097	ng	98
68) Hexachlorobenzene	10.957	284	560058	55.296	ng	99
69) Atrazine	11.045	200	283213	37.888	ng	99
70) Pentachlorophenol	11.151	266	714191	113.255	ng	99
71) Phenanthrene	11.375	178	2330937	52.122	ng	100
72) Anthracene	11.422	178	2382528	54.370	ng	100
73) Carbazole	11.575	167	1997834	47.426	ng	100
74) Di-n-butylphthalate	11.910	149	2541145	53.036	ng	100
75) Fluoranthene	12.557	202	2282314	47.056	ng	99
77) Benzidine	12.680	184	44837	5.097	ng	97
78) Pyrene	12.786	202	2253520	61.908	ng	100
80) Butylbenzylphthalate	13.410	149	842846	63.410	ng	99
81) Benzo(a)anthracene	13.974	228	1407543	48.523	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	91490	10.498	ng	99
83) Chrysene	14.010	228	1343766	51.388	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	931448	54.023	ng	99
85) Di-n-octyl phthalate	14.586	149	1386309	55.553	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1983646	66.588	ng	98
88) Benzo(b)fluoranthene	15.021	252	1491587	45.230	ng	99
89) Benzo(k)fluoranthene	15.051	252	1375012	53.198	ng	98
90) Benzo(a)pyrene	15.380	252	1441471	56.315	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1593652	65.995	ng	98
92) Benzo(g,h,i)perylene	17.339	276	1488983	59.450	ng	99

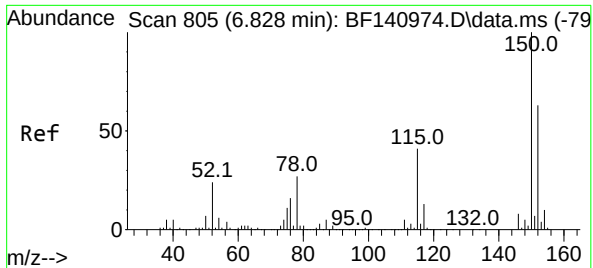
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 Acq On : 31 Dec 2024 11:49
 Operator : RC/JU
 Sample : P5362-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20241219MSD

Quant Time: Dec 31 12:24:02 2024
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 Response via : Initial Calibration

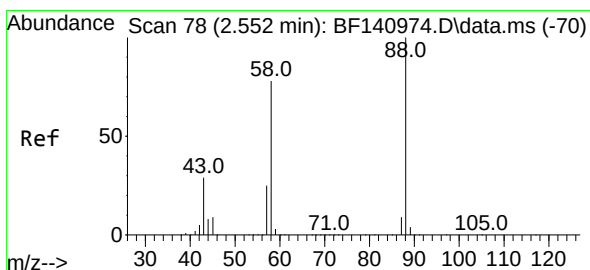
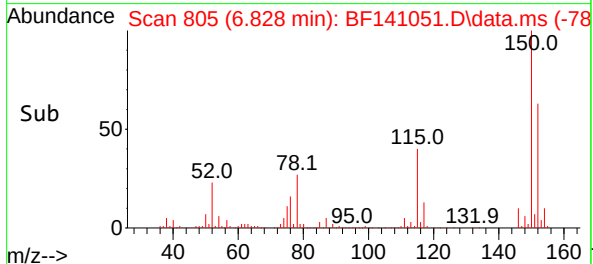
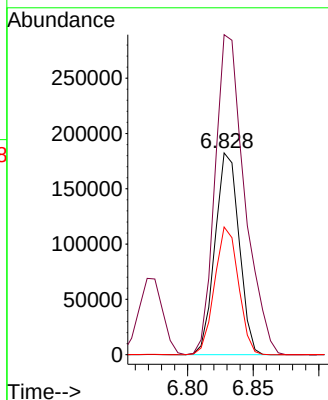
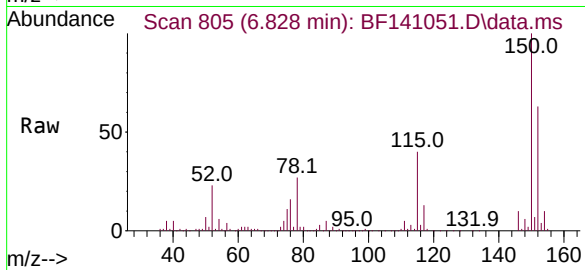




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

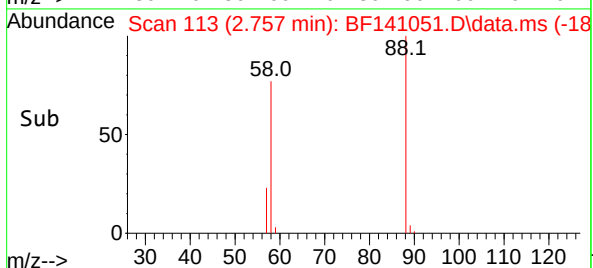
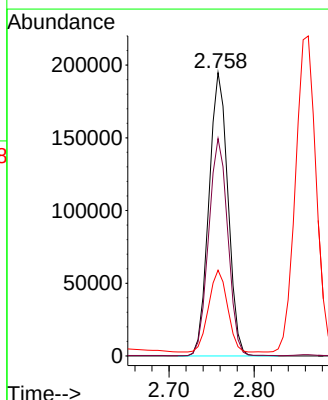
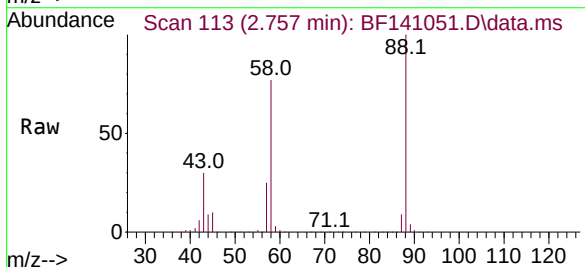
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ClientSampleId :
WC-SOIL-20241219MSD

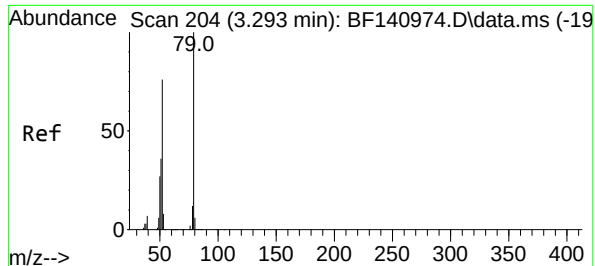
Tgt Ion:152 Resp: 232407
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 63.3 51.7 77.5



#2
1,4-Dioxane
Concen: 43.237 ng
RT: 2.757 min Scan# 113
Delta R.T. 0.206 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 88 Resp: 301805
Ion Ratio Lower Upper
88 100
58 77.1 63.0 94.4
43 0.0 23.4 35.2#

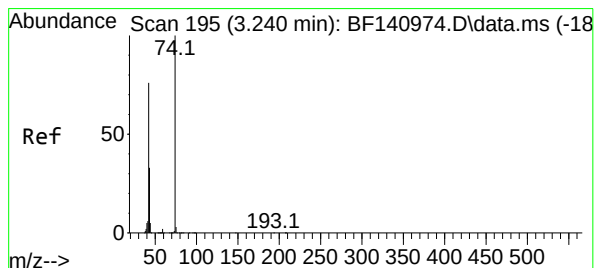
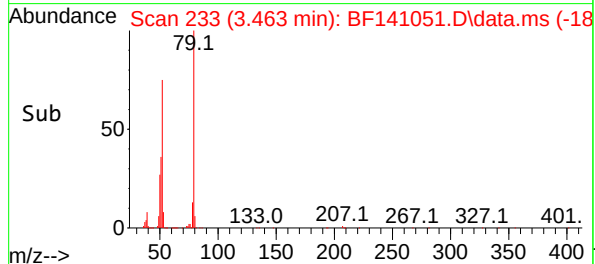
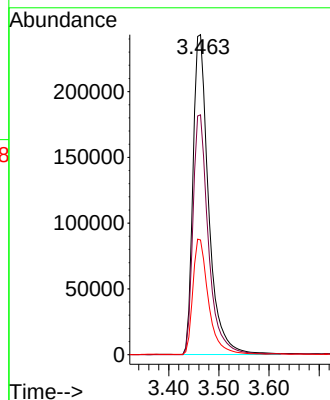
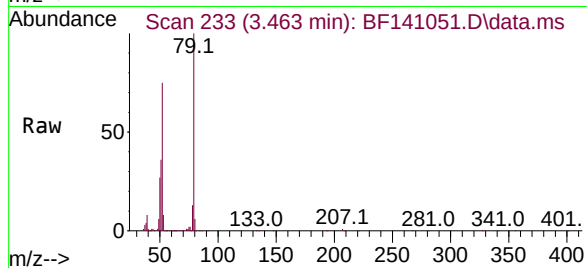




#3
Pyridine
Concen: 30.812 ng
RT: 3.463 min Scan# 211
Delta R.T. 0.171 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

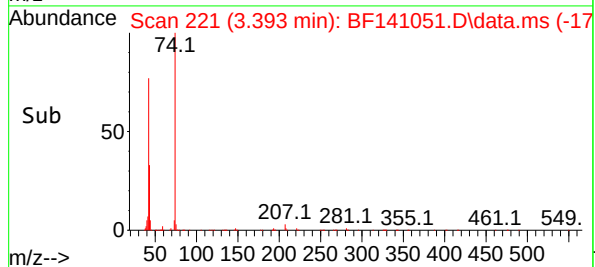
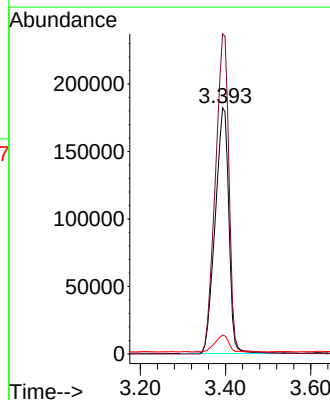
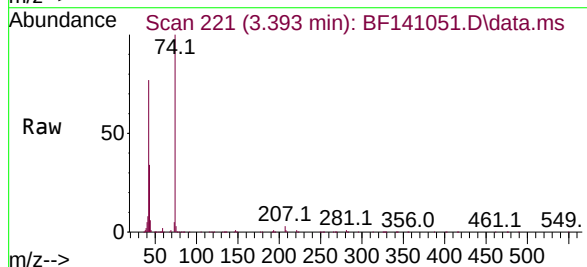
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ClientSampleId :
WC-SOIL-20241219MSD

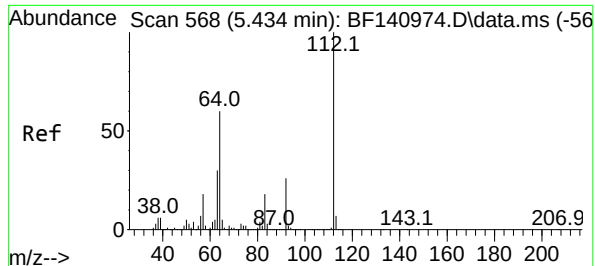
Tgt Ion: 79 Resp: 525609
Ion Ratio Lower Upper
79 100
52 75.0 60.4 90.6
51 35.9 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 46.747 ng
RT: 3.393 min Scan# 221
Delta R.T. 0.153 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 42 Resp: 404046
Ion Ratio Lower Upper
42 100
74 130.0 105.8 158.6
44 7.7 6.6 10.0

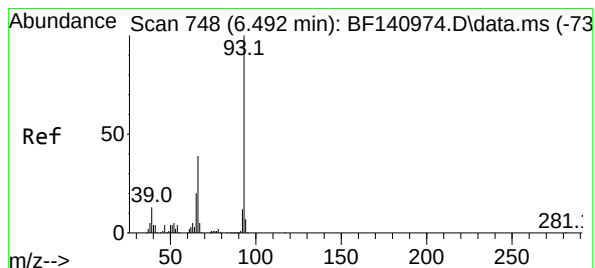
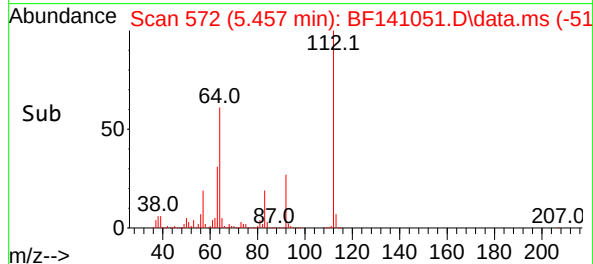
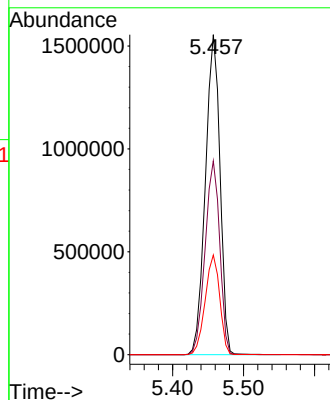
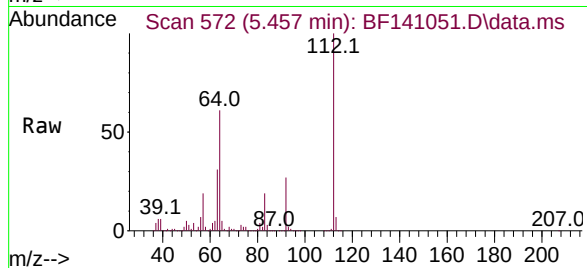




#5
2-Fluorophenol
Concen: 144.782 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

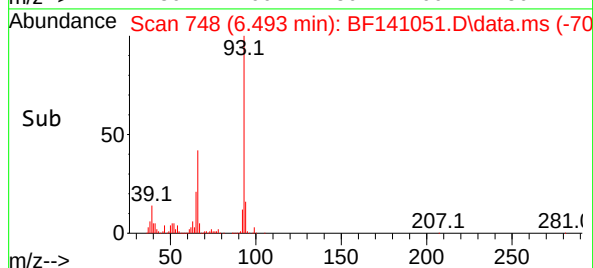
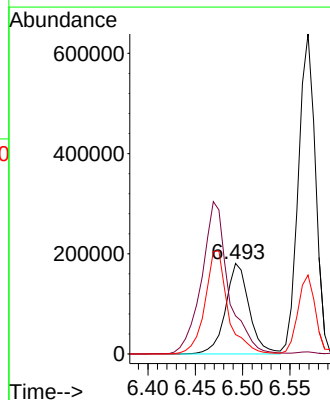
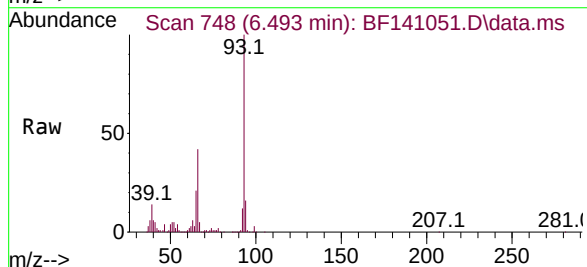
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ClientSampleId :
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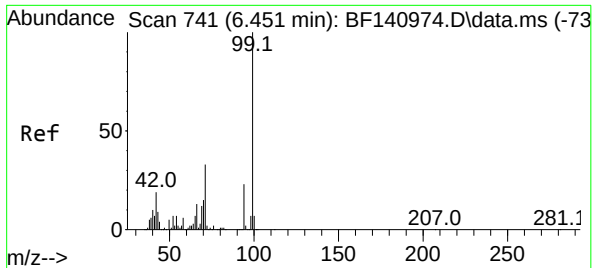
Tgt Ion:112 Resp: 2232244
Ion Ratio Lower Upper
112 100
64 60.6 47.7 71.5
63 31.1 24.2 36.2



#6
Aniline
Concen: 17.719 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 93 Resp: 313867
Ion Ratio Lower Upper
93 100
66 42.1 31.8 47.8
65 21.4 15.4 23.0

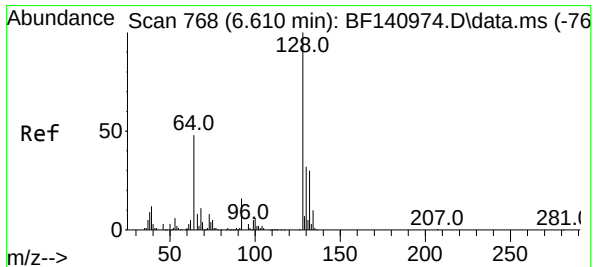
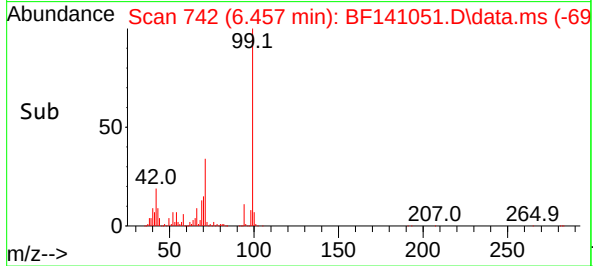
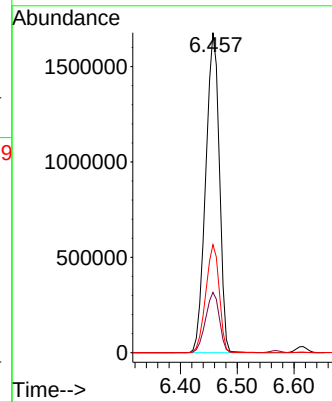
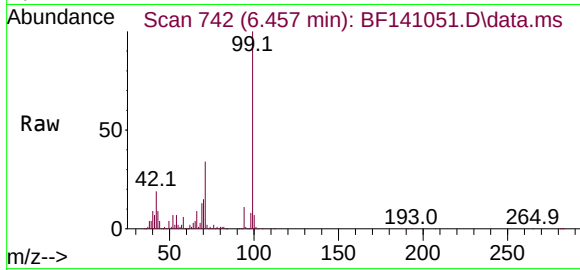




#7
Phenol-d6
Concen: 140.905 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

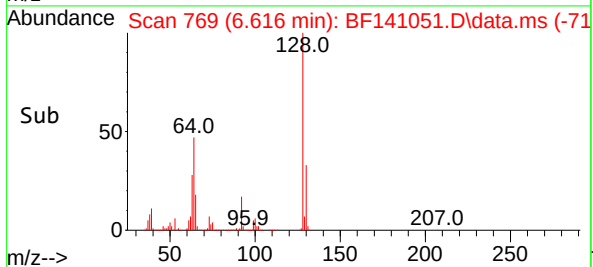
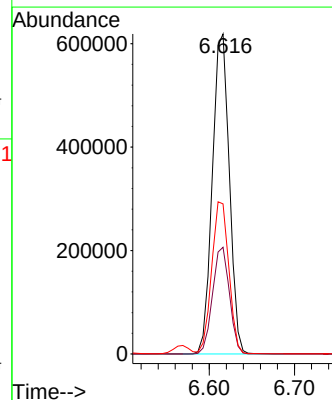
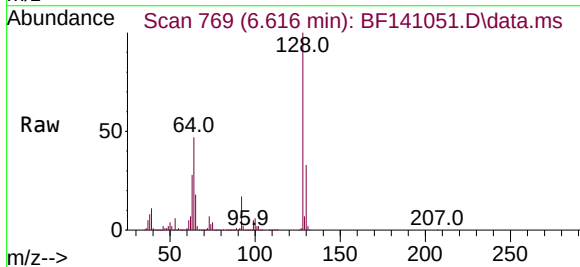
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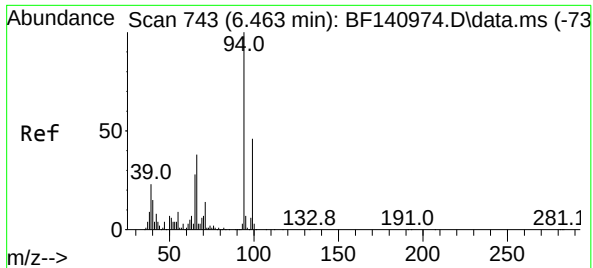
Tgt Ion: 99 Resp: 2798607
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 33.8 26.2 39.2



#8
2-Chlorophenol
Concen: 52.711 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 128 Resp: 856828
Ion Ratio Lower Upper
128 100
130 33.4 12.2 52.2
64 46.9 30.3 70.3

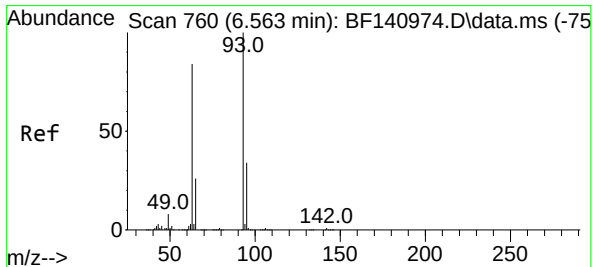
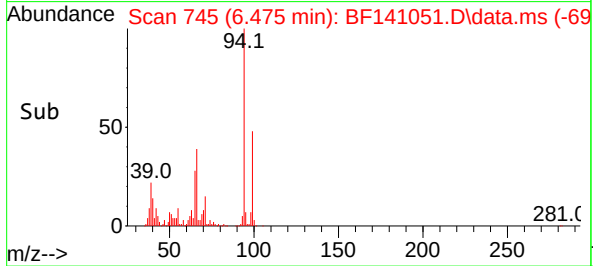
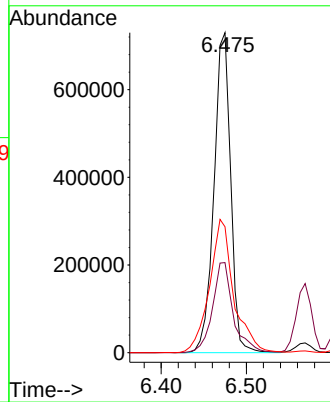
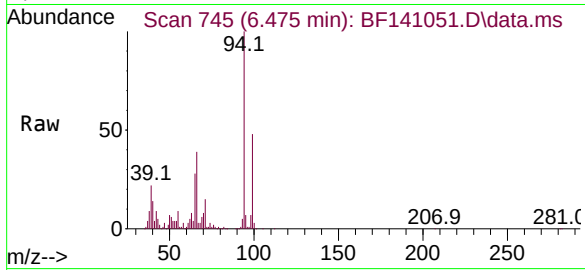




#10
Phenol
Concen: 48.401 ng
RT: 6.475 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

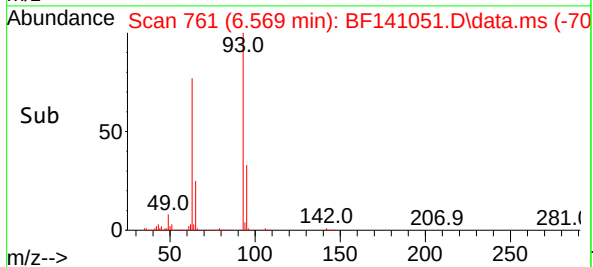
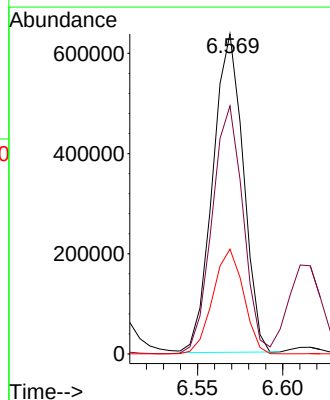
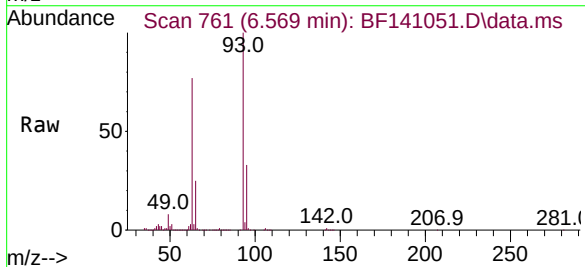
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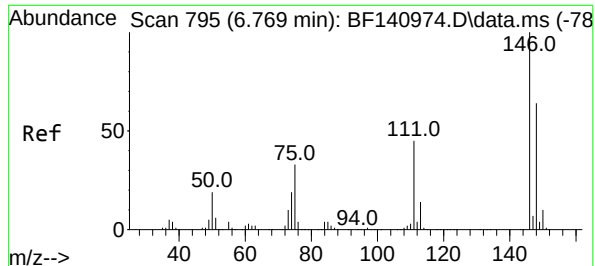
Tgt Ion: 94 Resp: 994035
Ion Ratio Lower Upper
94 100
65 28.2 8.1 48.1
66 39.4 18.7 58.7



#11
bis(2-Chloroethyl)ether
Concen: 47.729 ng
RT: 6.569 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 93 Resp: 791469
Ion Ratio Lower Upper
93 100
63 77.5 60.3 100.3
95 32.8 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 47.109 ng

RT: 6.769 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

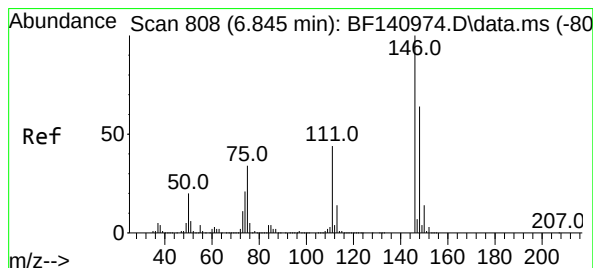
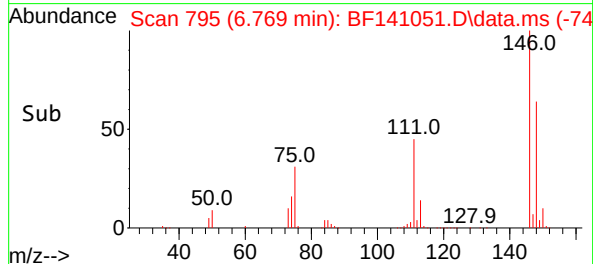
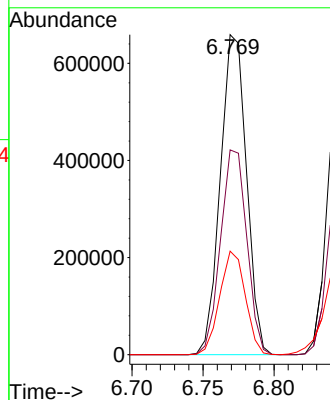
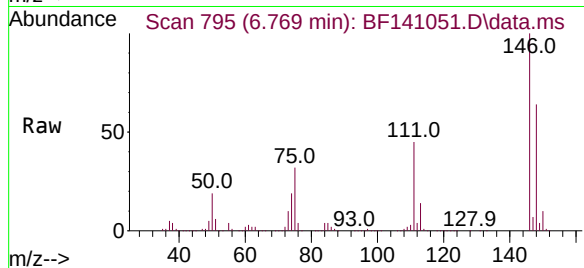
Tgt Ion:146 Resp: 845122

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

75 32.3 26.1 39.1



#13

1,4-Dichlorobenzene

Concen: 47.309 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

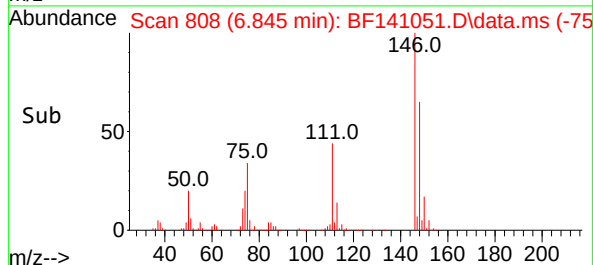
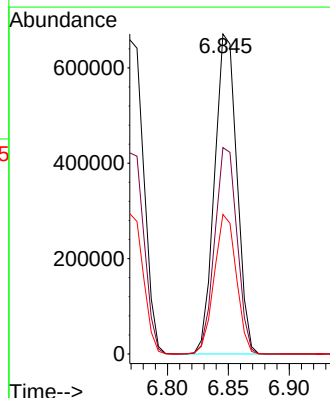
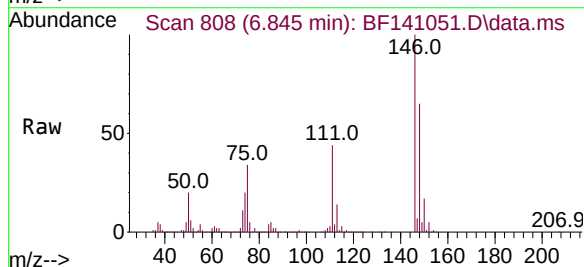
Tgt Ion:146 Resp: 855568

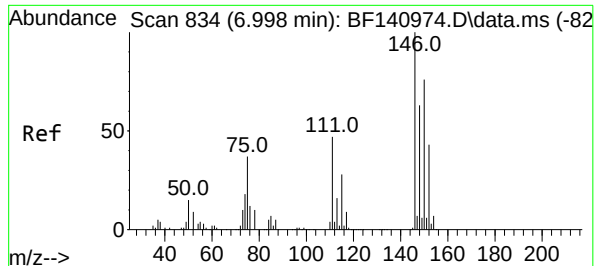
Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

111 43.6 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 48.733 ng

RT: 6.998 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

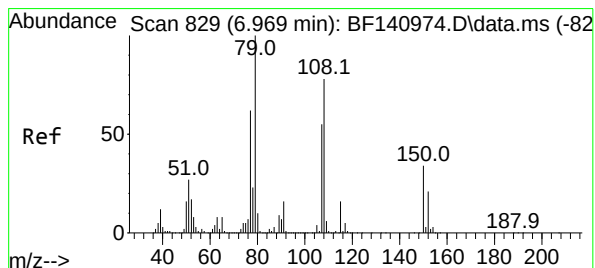
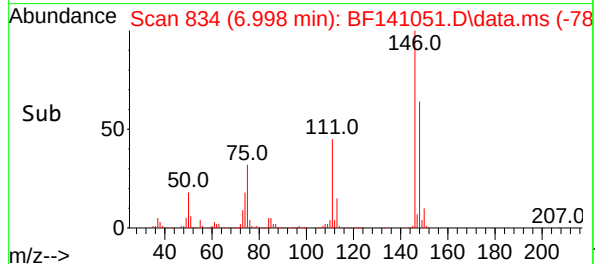
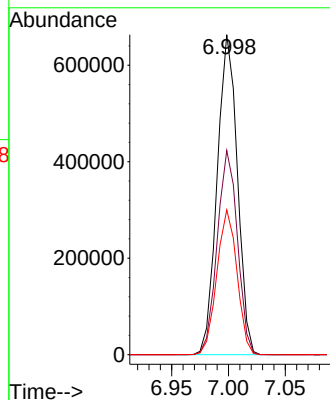
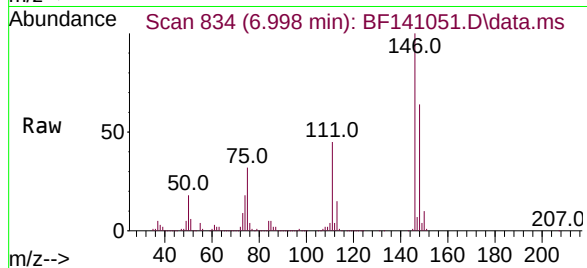
Tgt Ion:146 Resp: 821715

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

111 45.3 37.3 55.9



#15

Benzyl Alcohol

Concen: 50.023 ng

RT: 6.969 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

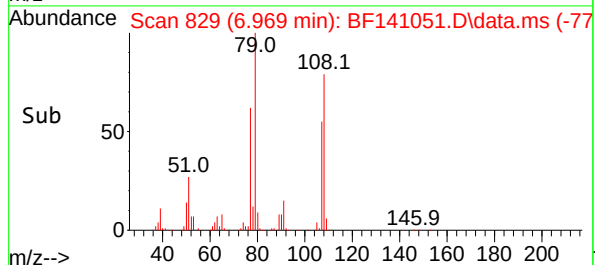
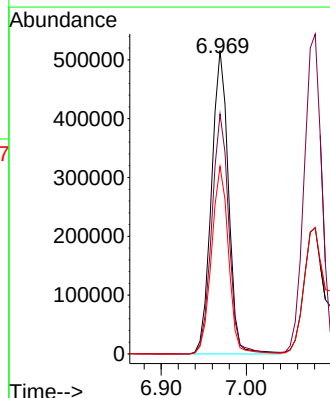
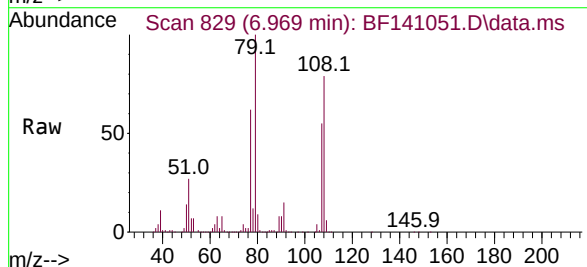
Tgt Ion: 79 Resp: 713963

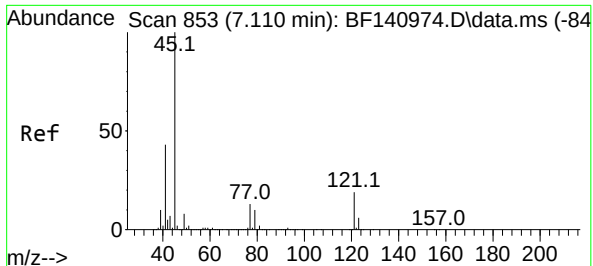
Ion Ratio Lower Upper

79 100

108 79.1 62.5 93.7

77 61.8 49.3 73.9

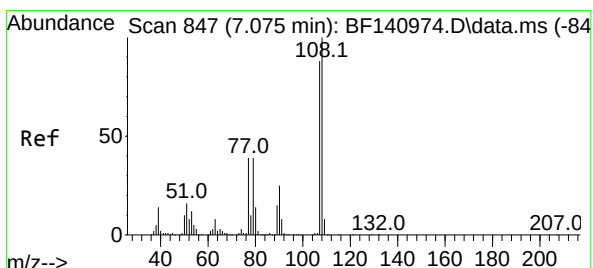
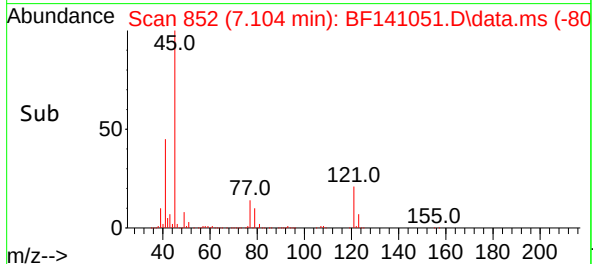
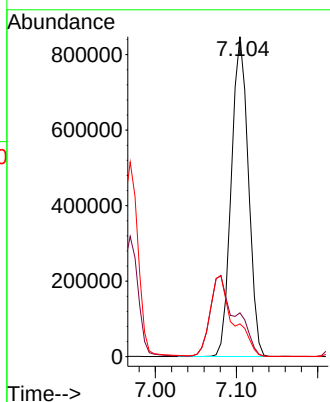
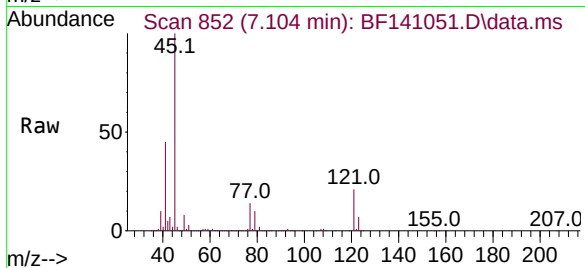




#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.092 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

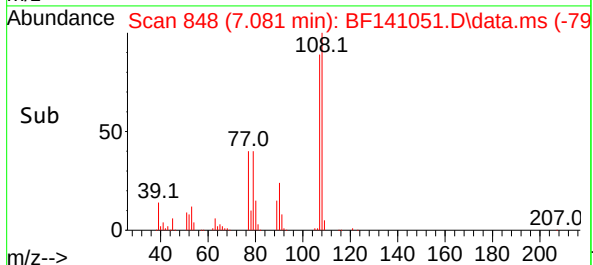
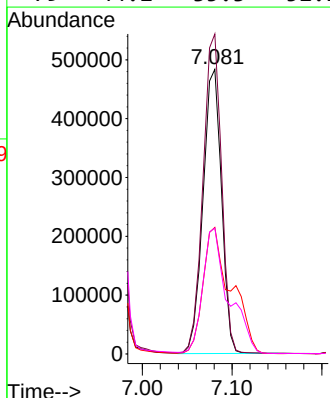
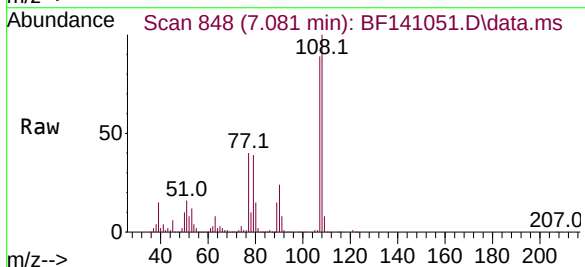
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

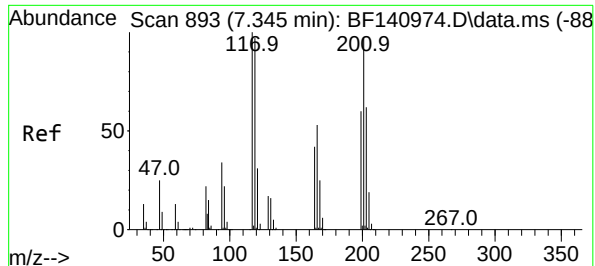
Tgt Ion: 45 Resp: 1231138
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.1
79 10.3 0.0 30.1



#17
2-Methylphenol
Concen: 51.219 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:107 Resp: 691685
Ion Ratio Lower Upper
107 100
108 112.4 90.6 136.0
77 44.5 35.3 52.9
79 44.2 35.3 52.9

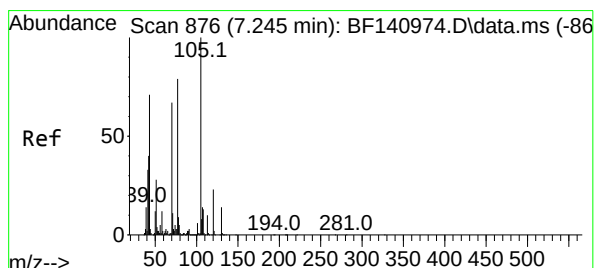
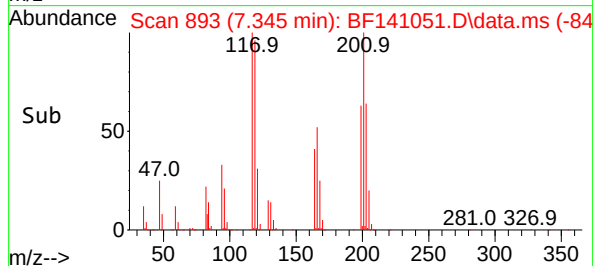
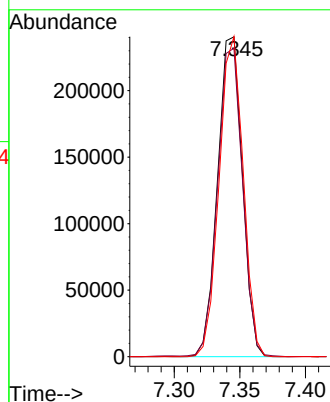
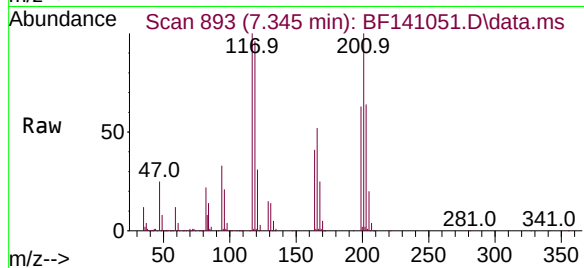




#18
Hexachloroethane
Concen: 49.147 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

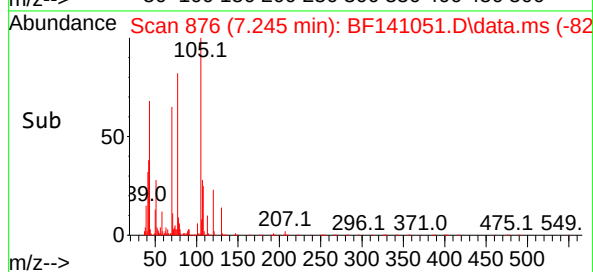
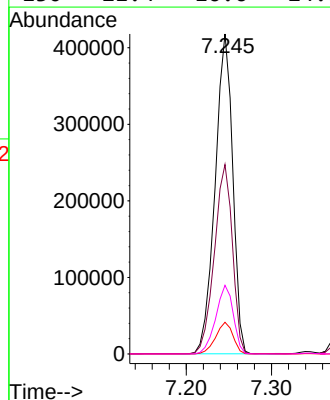
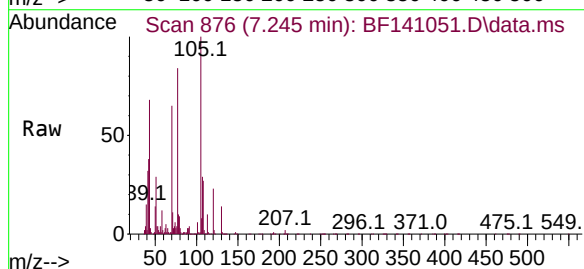
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

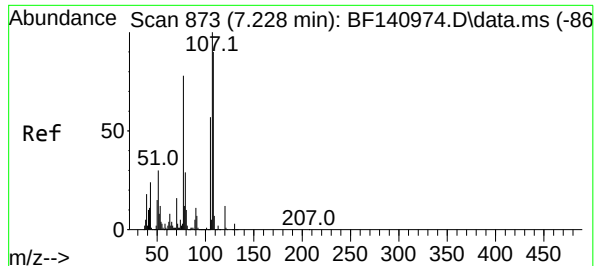
Tgt Ion:117 Resp: 315734
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 100.0 77.4 116.2



#19
n-Nitroso-di-n-propylamine
Concen: 49.223 ng
RT: 7.245 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 70 Resp: 598936
Ion Ratio Lower Upper
70 100
42 59.2 48.1 72.1
101 9.9 7.6 11.4
130 21.4 16.6 24.8





#20

3+4-Methylphenols

Concen: 49.570 ng

RT: 7.234 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

Tgt Ion:107 Resp: 847125

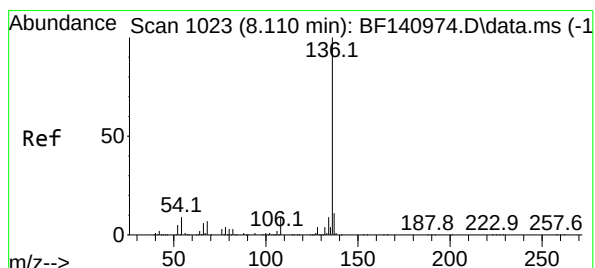
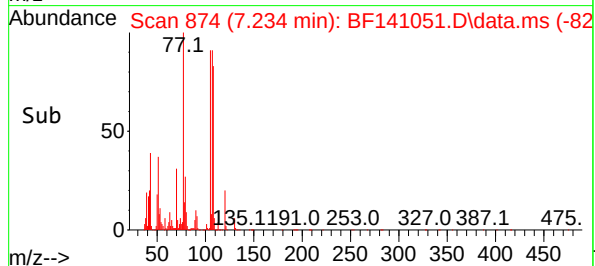
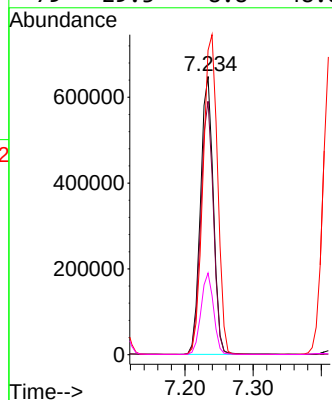
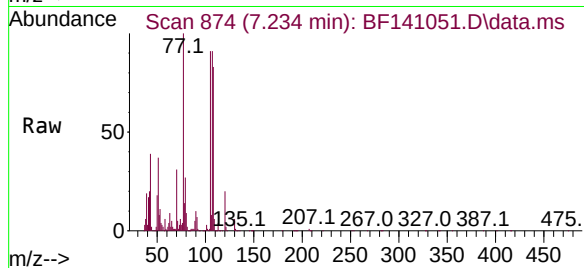
Ion Ratio Lower Upper

107 100

108 91.1 69.6 109.6

77 109.4 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: BF141051.D

Acq: 31 Dec 2024 11:49

Tgt Ion:136 Resp: 925099

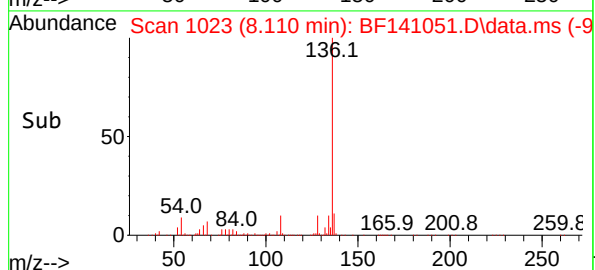
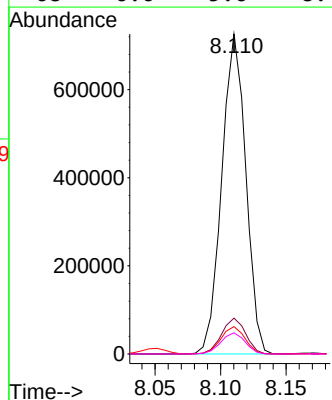
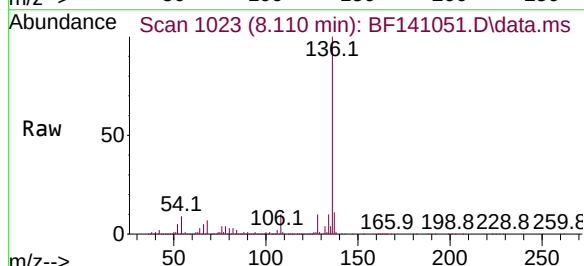
Ion Ratio Lower Upper

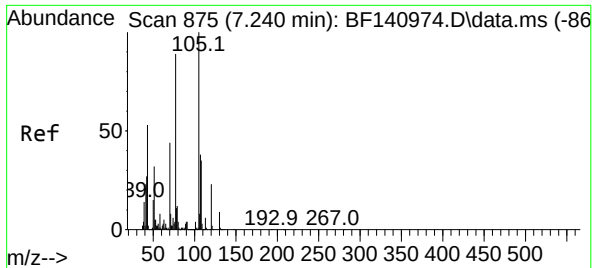
136 100

137 11.2 9.0 13.4

54 8.6 7.6 11.4

68 6.6 5.6 8.4

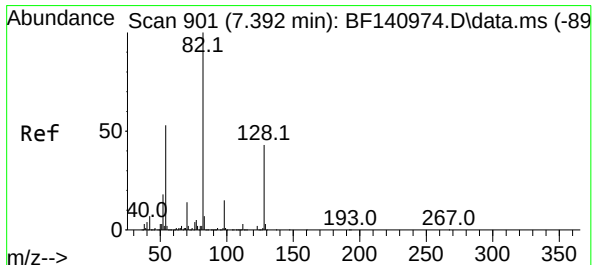
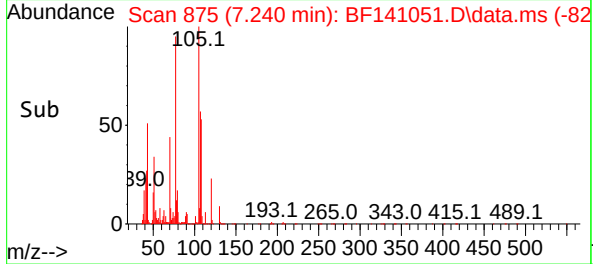
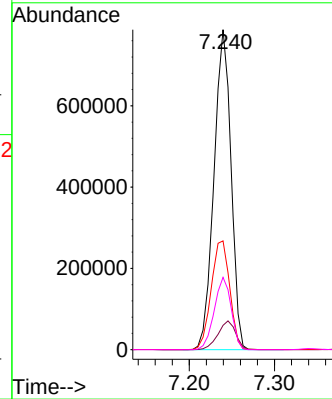
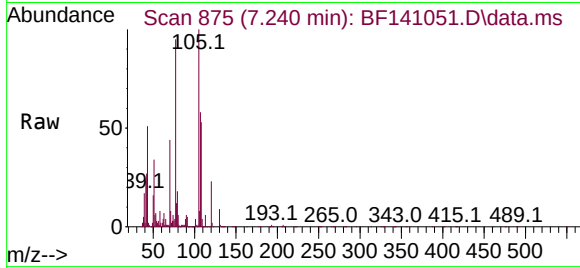




#22
Acetophenone
Concen: 48.179 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

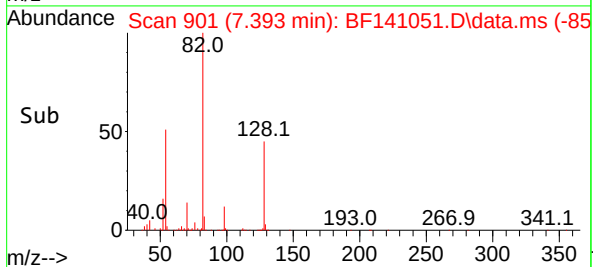
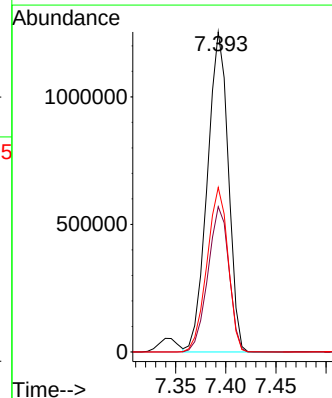
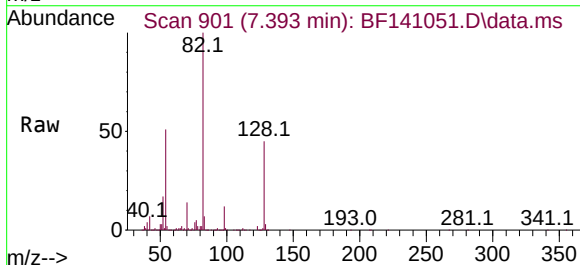
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

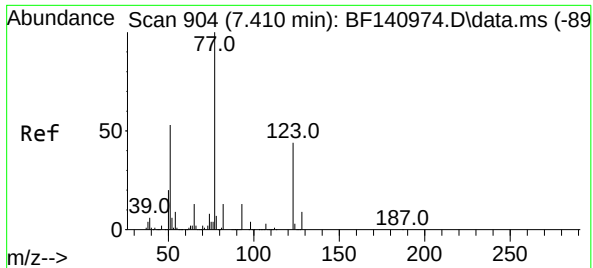
Tgt Ion:105 Resp: 1093369
Ion Ratio Lower Upper
105 100
71 7.6 6.1 9.1
51 34.0 25.8 38.6
120 22.6 18.1 27.1



#23
Nitrobenzene-d5
Concen: 126.614 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 82 Resp: 1830790
Ion Ratio Lower Upper
82 100
128 45.4 34.4 51.6
54 51.4 42.4 63.6

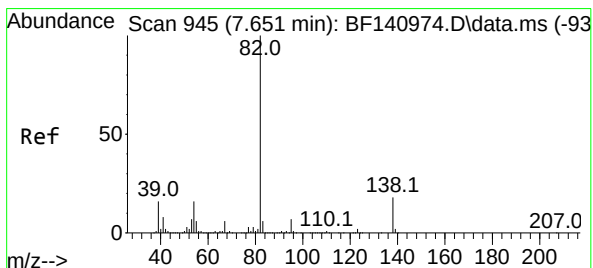
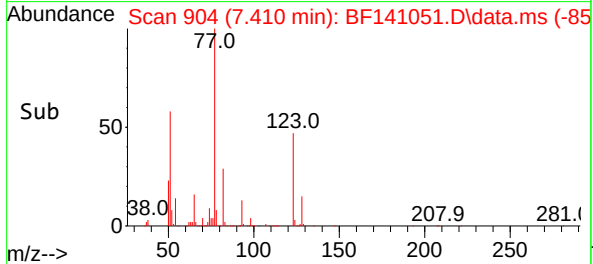
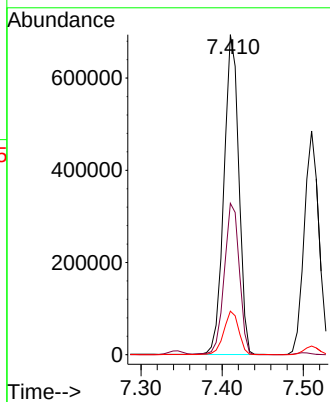
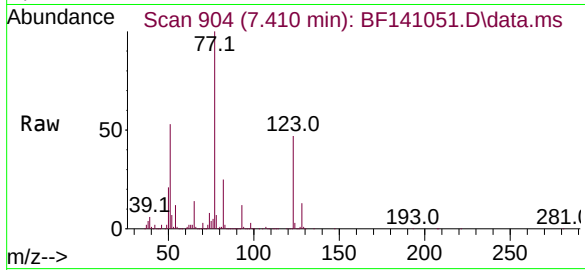




#24
Nitrobenzene
Concen: 54.743 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

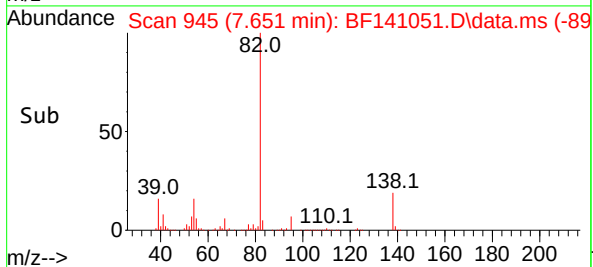
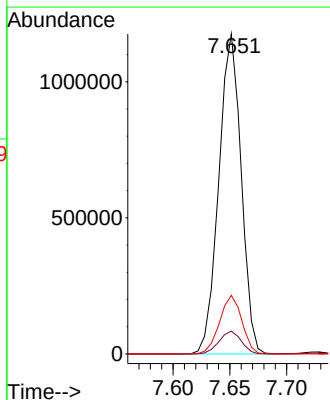
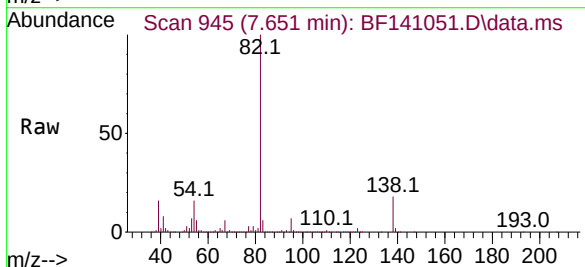
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

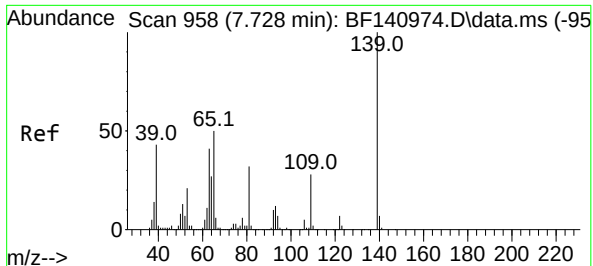
Tgt Ion: 77 Resp: 884486
Ion Ratio Lower Upper
77 100
123 47.3 35.4 53.2
65 13.6 10.7 16.1



#25
Isophorone
Concen: 51.223 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 82 Resp: 1611721
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.3 14.6 21.8





#26

2-Nitrophenol

Concen: 64.206 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

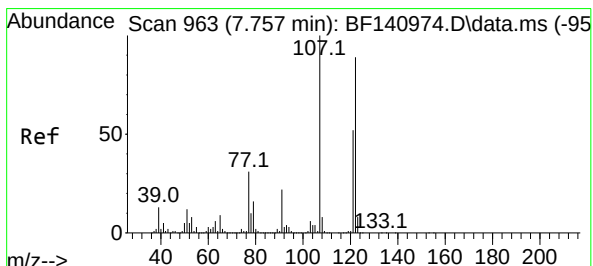
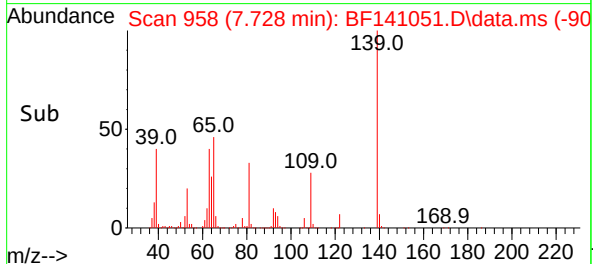
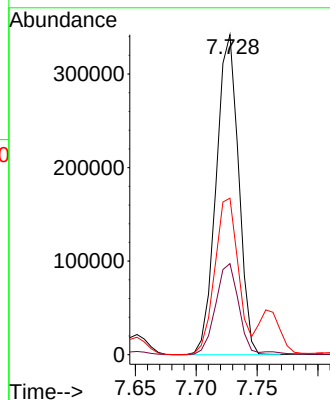
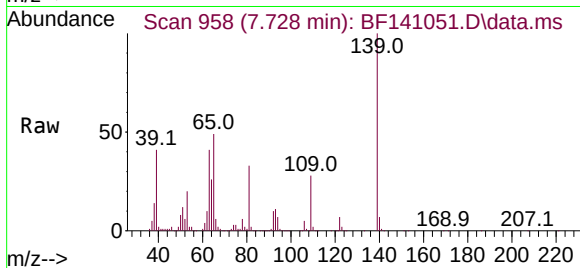
Tgt Ion:139 Resp: 438453

Ion Ratio Lower Upper

139 100

109 28.5 22.2 33.4

65 48.9 40.2 60.4



#27

2,4-Dimethylphenol

Concen: 60.921 ng

RT: 7.757 min Scan# 963

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

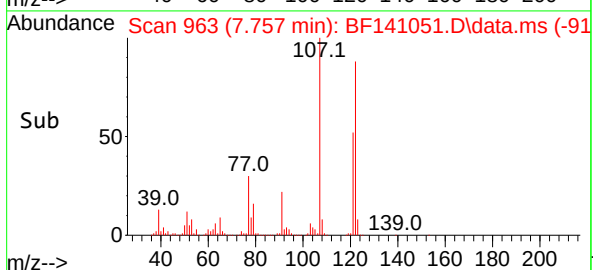
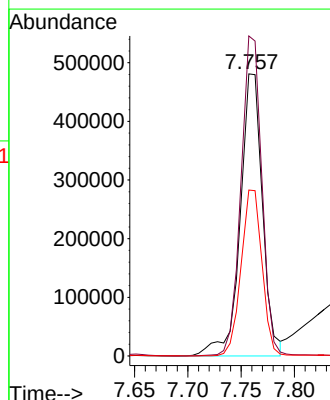
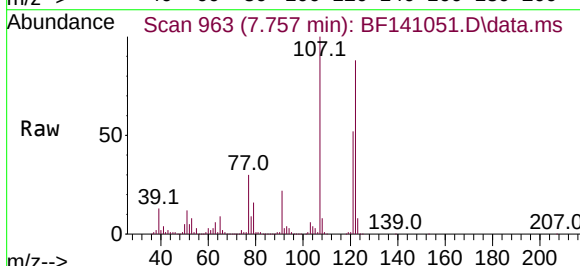
Tgt Ion:122 Resp: 700554

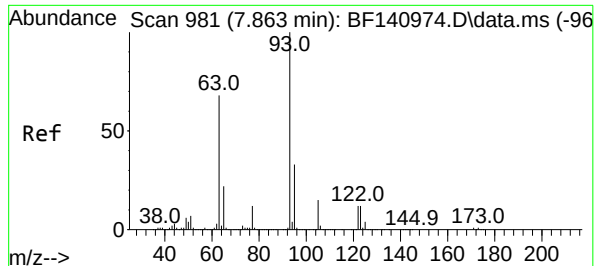
Ion Ratio Lower Upper

122 100

107 113.5 89.4 134.2

121 58.8 46.7 70.1





#28

bis(2-Chloroethoxy)methane

Concen: 49.547 ng

RT: 7.863 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

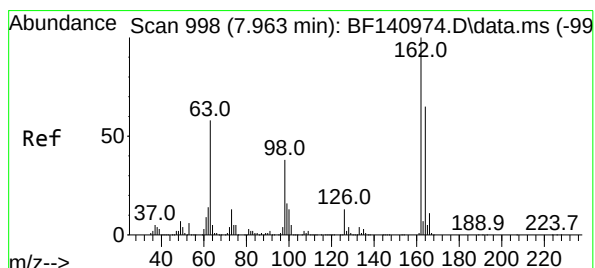
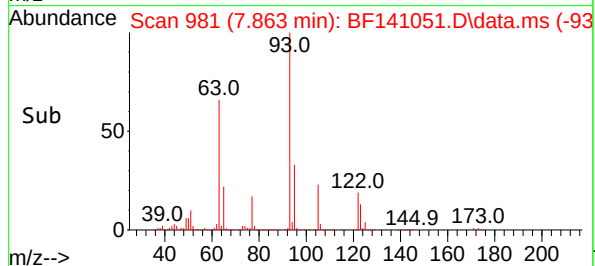
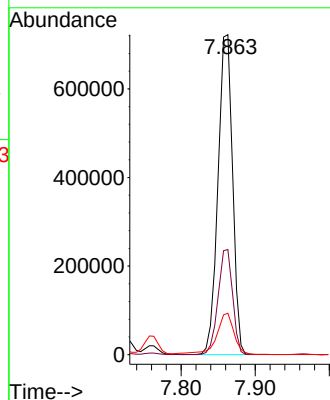
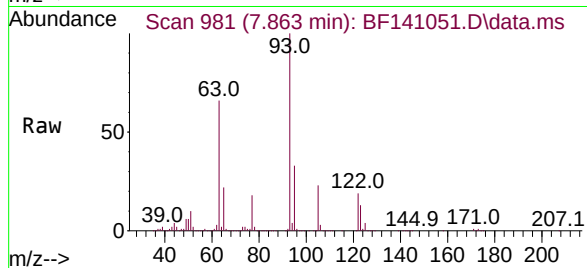
Tgt Ion: 93 Resp: 987760

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.9 9.9 14.9



#29

2,4-Dichlorophenol

Concen: 53.229 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

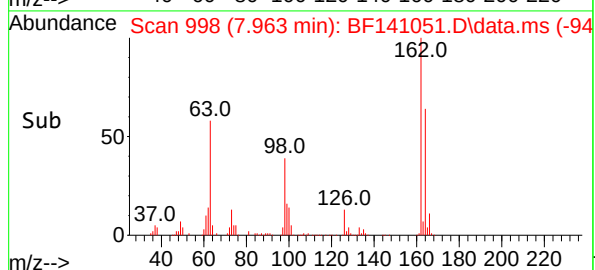
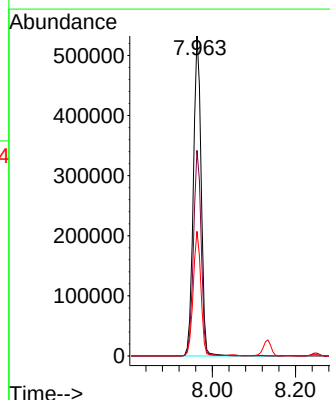
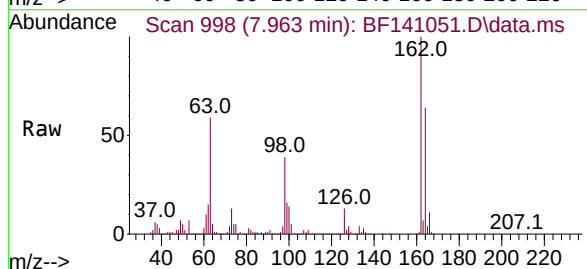
Tgt Ion:162 Resp: 694221

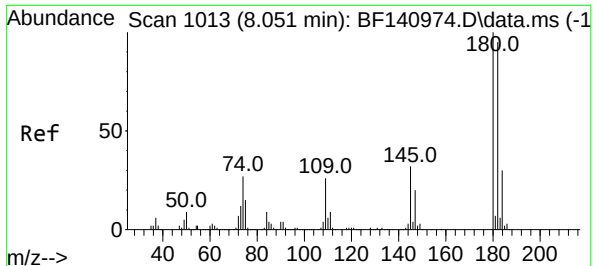
Ion Ratio Lower Upper

162 100

164 64.3 44.8 84.8

98 39.0 18.6 58.6





#30

1,2,4-Trichlorobenzene

Concen: 48.702 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

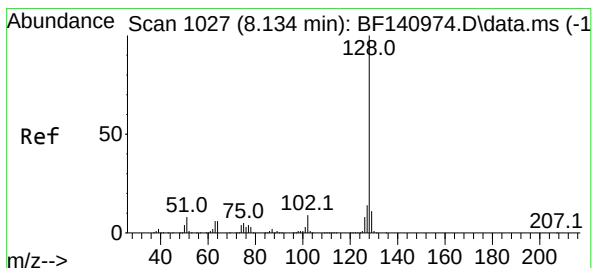
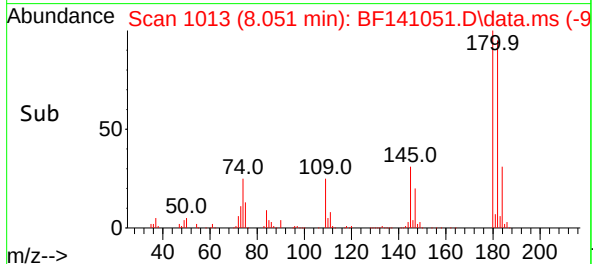
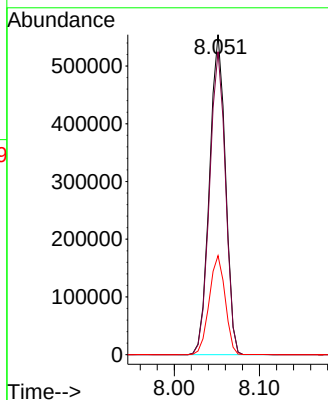
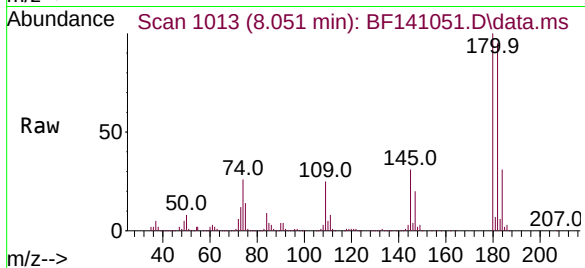
Tgt Ion:180 Resp: 718917

Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

145 31.0 25.4 38.2



#31

Naphthalene

Concen: 48.189 ng

RT: 8.134 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

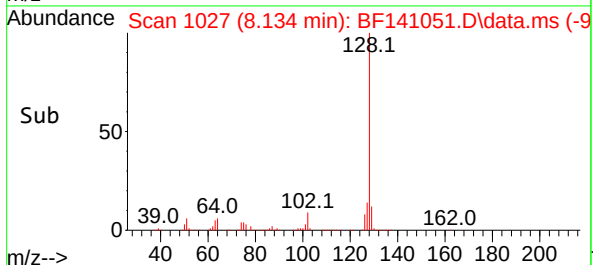
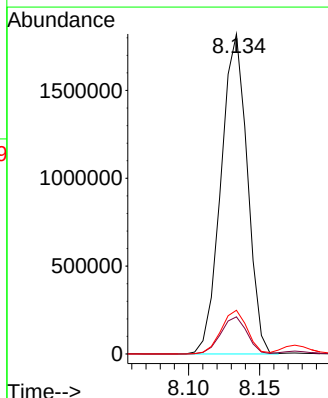
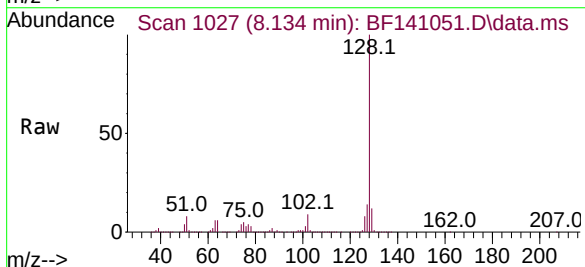
Tgt Ion:128 Resp: 2349067

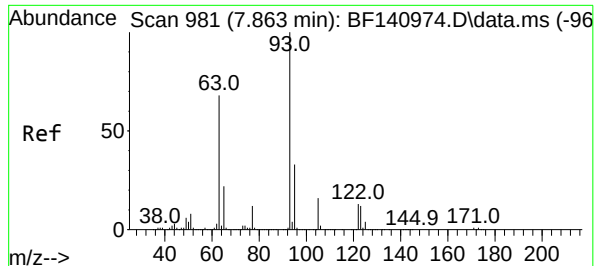
Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.7 11.0 16.4





#32

Benzoic acid

Concen: 56.289 ng

RT: 7.875 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

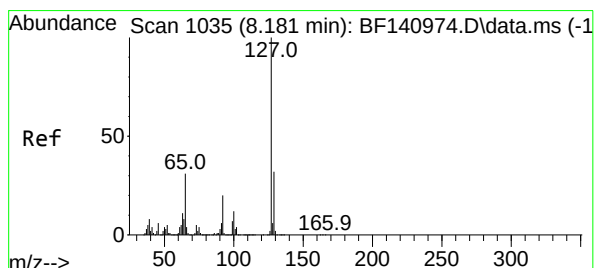
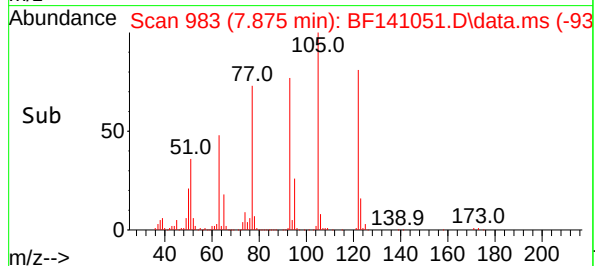
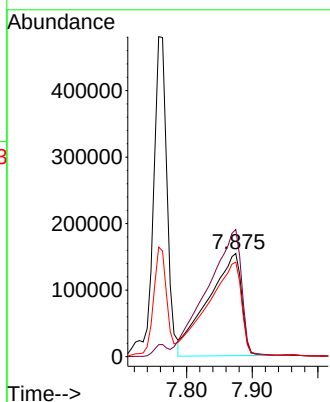
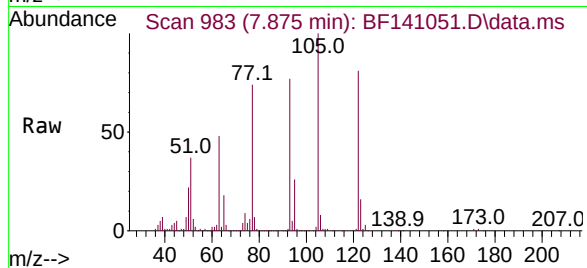
Tgt Ion:122 Resp: 547658

Ion Ratio Lower Upper

122 100

105 123.3 105.4 145.4

77 91.7 76.4 116.4



#33

4-Chloroaniline

Concen: 4.094 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Tgt Ion:127 Resp: 72192

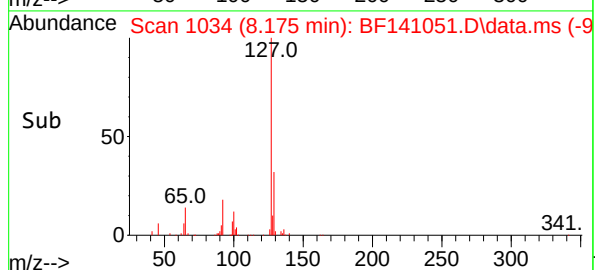
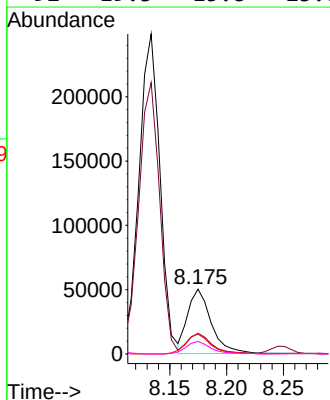
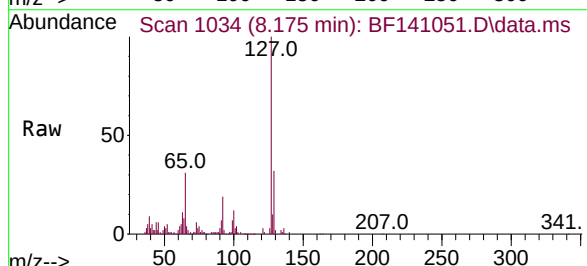
Ion Ratio Lower Upper

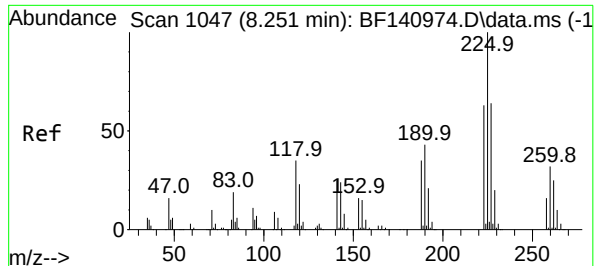
127 100

129 31.9 26.1 39.1

65 30.7 24.6 37.0

92 19.3 15.8 23.6





#34

Hexachlorobutadiene

Concen: 48.992 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

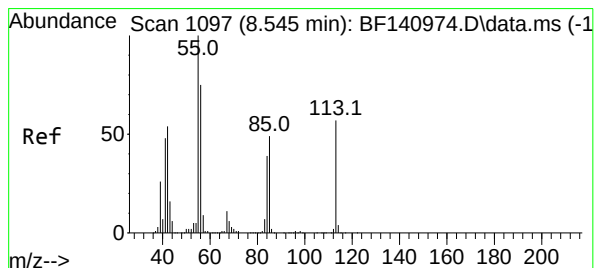
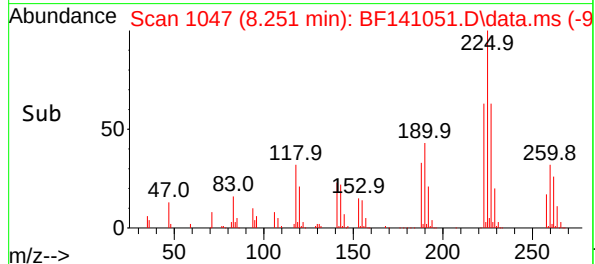
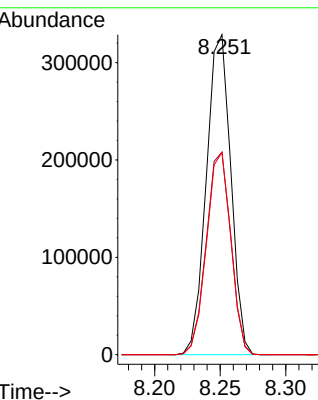
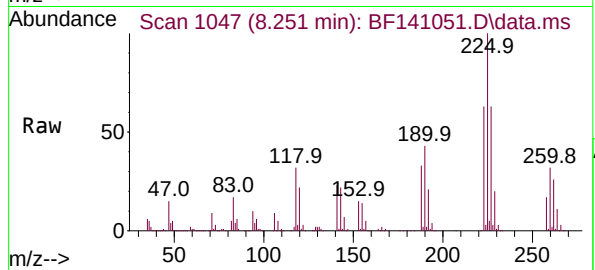
Tgt Ion:225 Resp: 426348

Ion Ratio Lower Upper

225 100

223 63.3 50.3 75.5

227 63.2 50.8 76.2



#35

Caprolactam

Concen: 43.289 ng m

RT: 8.539 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

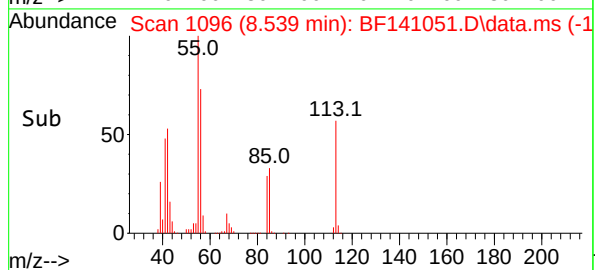
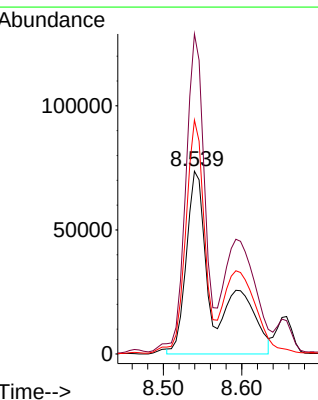
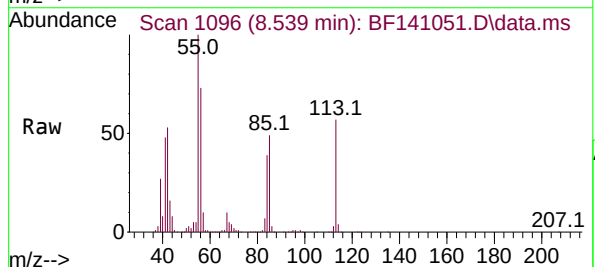
Tgt Ion:113 Resp: 191933

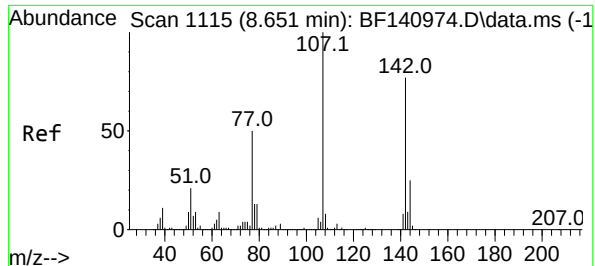
Ion Ratio Lower Upper

113 100

55 175.1 156.6 196.6

56 128.0 111.7 151.7





#36

4-Chloro-3-methylphenol

Concen: 52.532 ng

RT: 8.657 min Scan# 1115

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

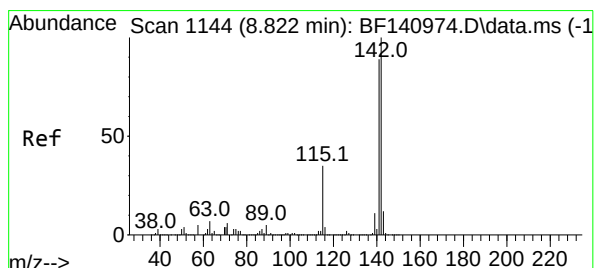
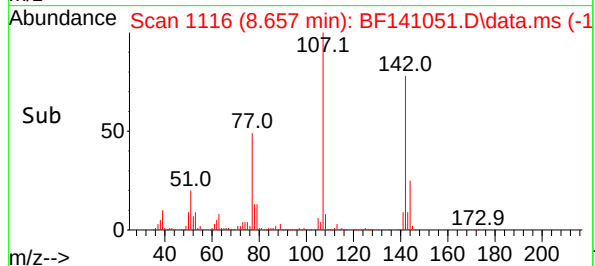
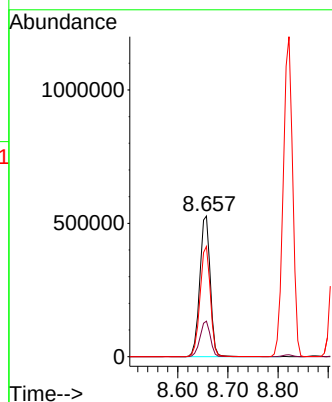
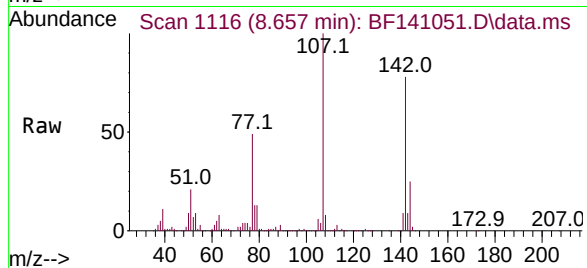
Tgt Ion:107 Resp: 760877

Ion Ratio Lower Upper

107 100

144 25.2 19.9 29.9

142 78.4 61.8 92.8



#37

2-Methylnaphthalene

Concen: 50.324 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141051.D

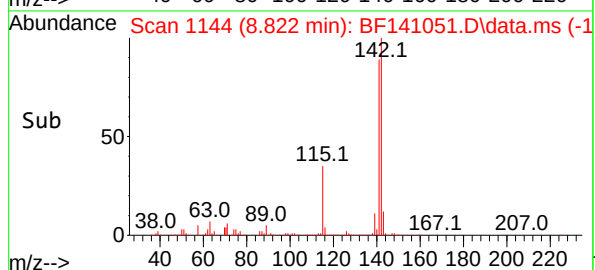
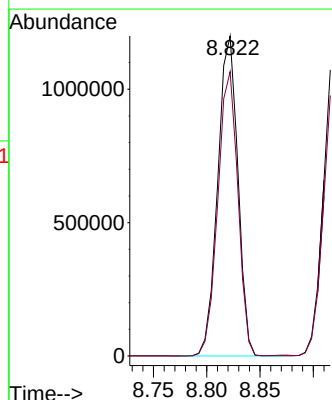
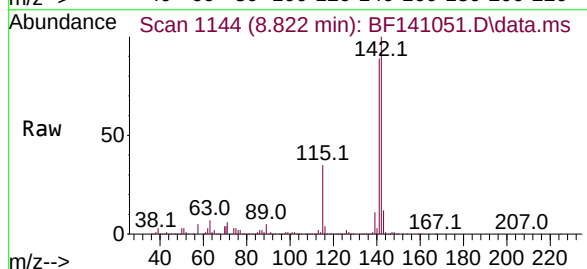
Acq: 31 Dec 2024 11:49

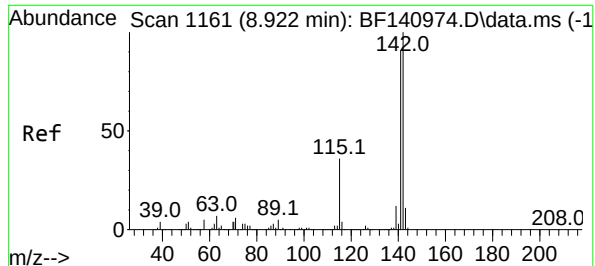
Tgt Ion:142 Resp: 1569379

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7





#38

1-Methylnaphthalene

Concen: 48.086 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

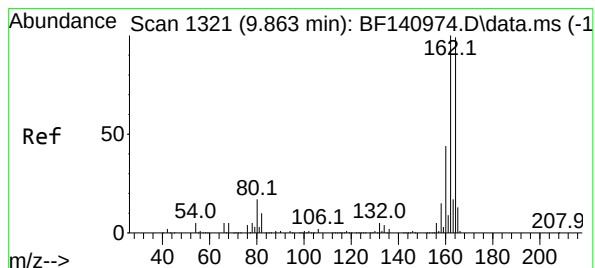
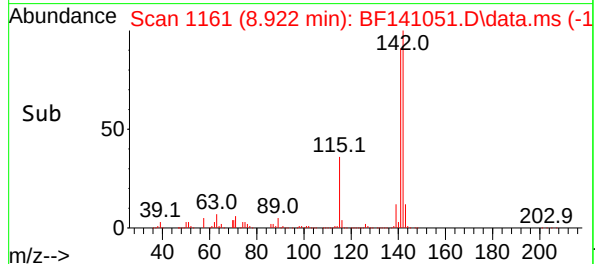
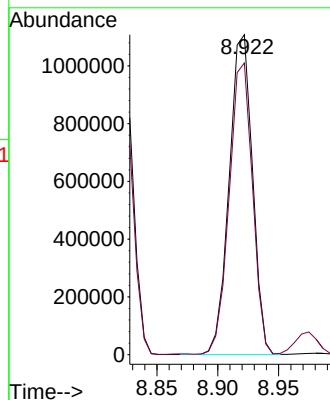
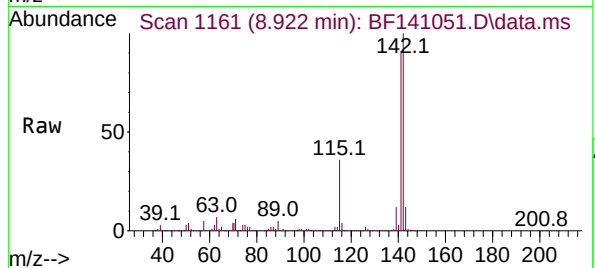
WC-SOIL-20241219MSD

Tgt Ion:142 Resp: 1473767

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

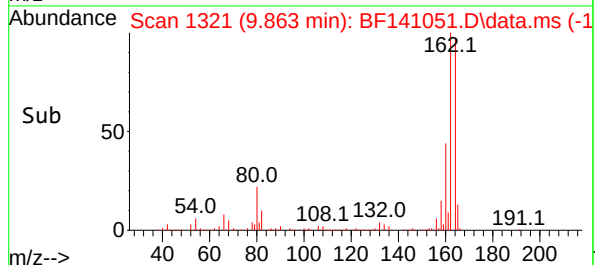
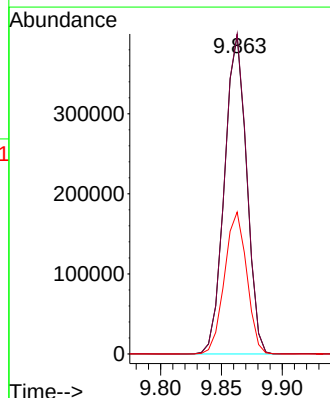
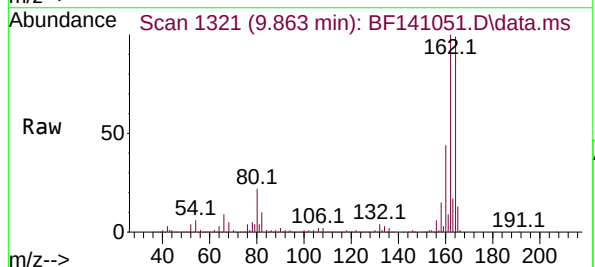
Tgt Ion:164 Resp: 503882

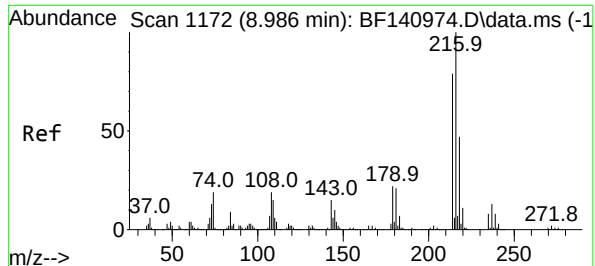
Ion Ratio Lower Upper

164 100

162 100.5 80.6 120.8

160 44.6 35.7 53.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.510 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

Tgt Ion:216 Resp: 700190

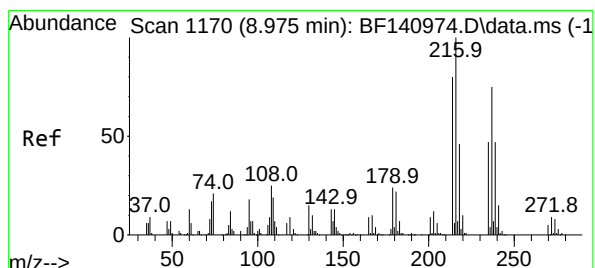
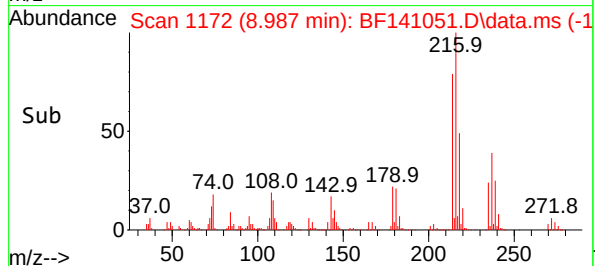
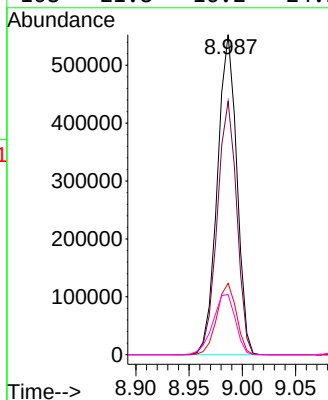
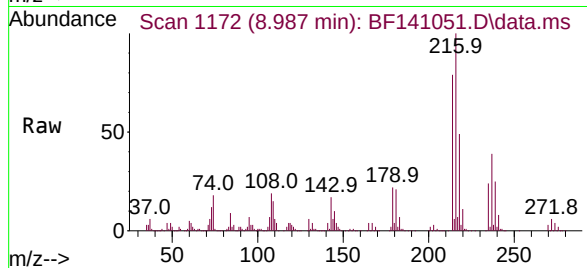
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 22.4 17.9 26.9

108 21.8 16.2 24.2



#41

Hexachlorocyclopentadiene

Concen: 182.207 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

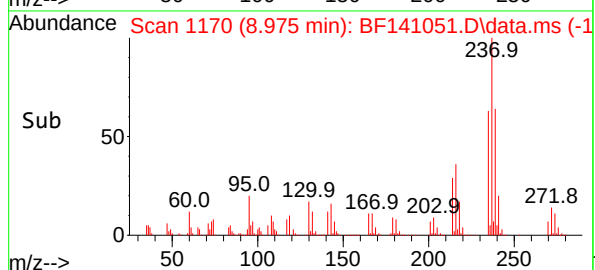
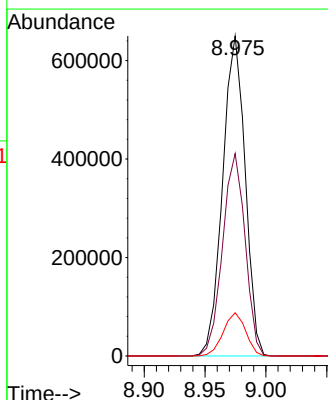
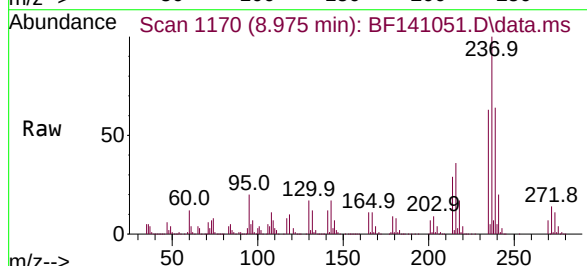
Tgt Ion:237 Resp: 837030

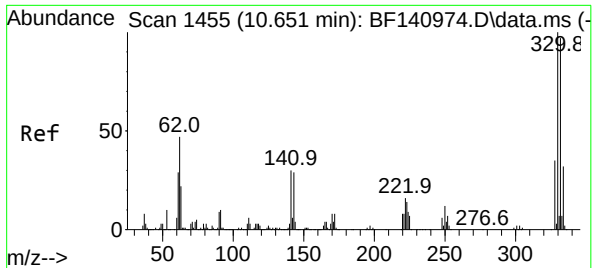
Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

272 13.5 0.0 32.6





#42

2,4,6-Tribromophenol

Concen: 184.238 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

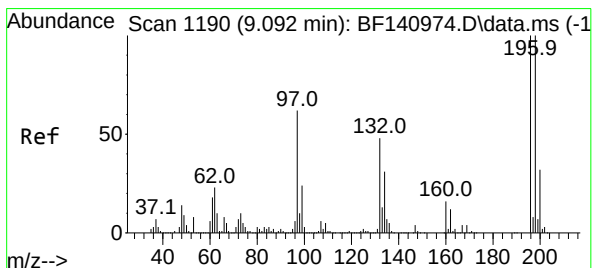
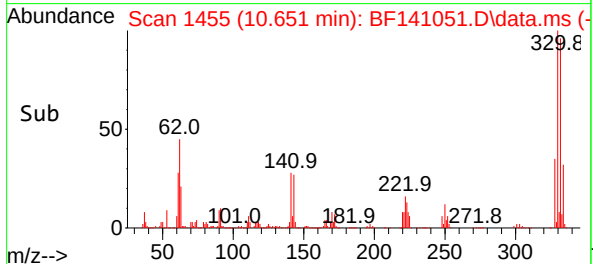
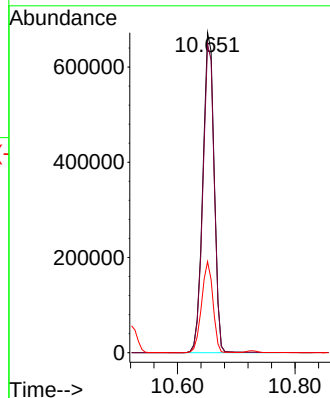
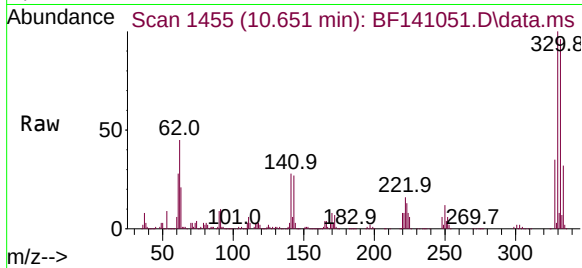
Tgt Ion:330 Resp: 902078

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 28.5 26.4 39.6



#43

2,4,6-Trichlorophenol

Concen: 56.035 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

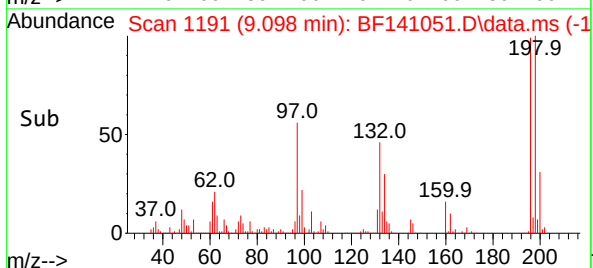
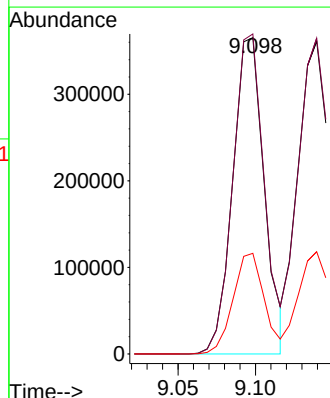
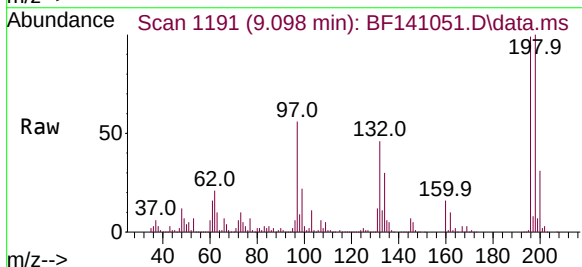
Tgt Ion:196 Resp: 516987

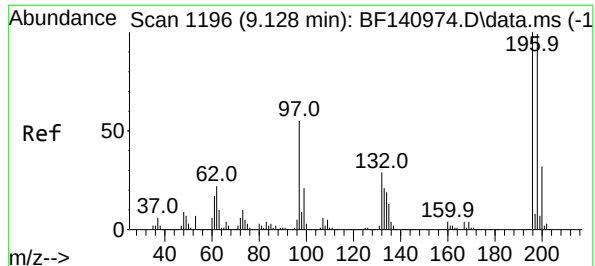
Ion Ratio Lower Upper

196 100

198 101.1 80.2 120.4

200 31.8 25.8 38.6





#44

2,4,5-Trichlorophenol

Concen: 54.792 ng

RT: 9.139 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

Tgt Ion:196 Resp: 517247

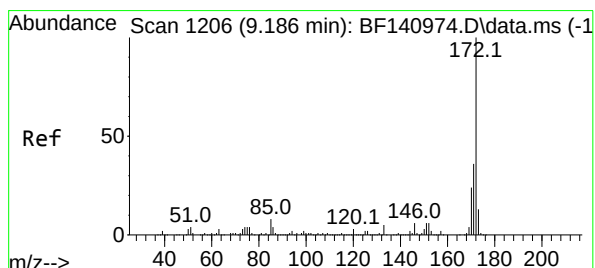
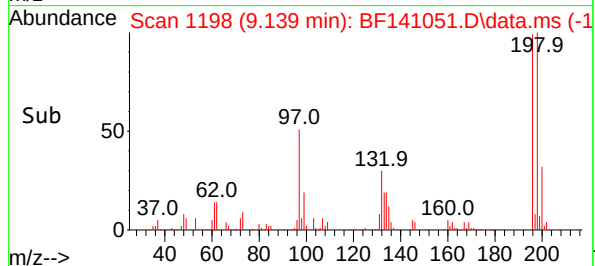
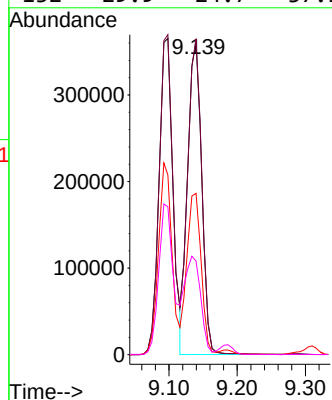
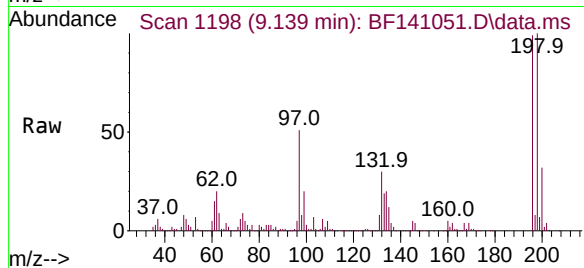
Ion Ratio Lower Upper

196 100

198 100.9 79.9 119.9

97 51.6 44.3 66.5

132 29.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 100.375 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

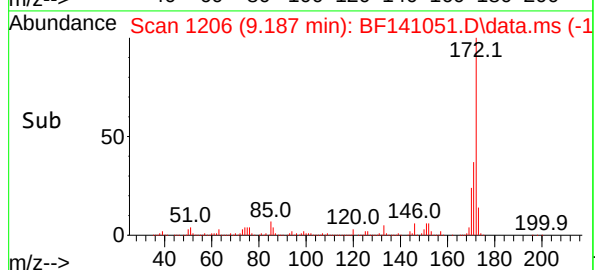
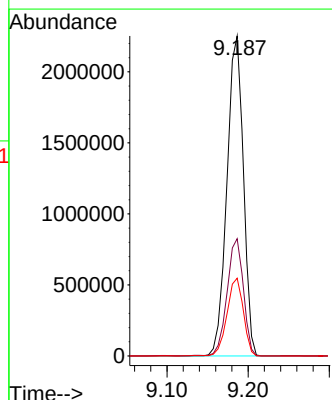
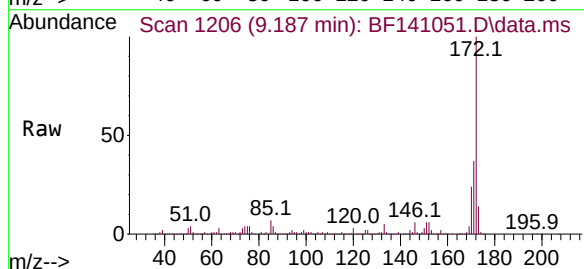
Tgt Ion:172 Resp: 3174486

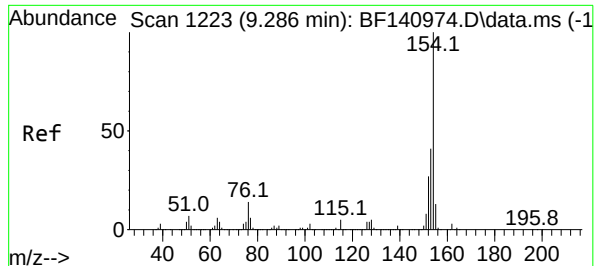
Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 24.3 19.6 29.4





#46

1,1'-Biphenyl

Concen: 50.078 ng

RT: 9.287 min Scan# 1223

Delta R.T. 0.001 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

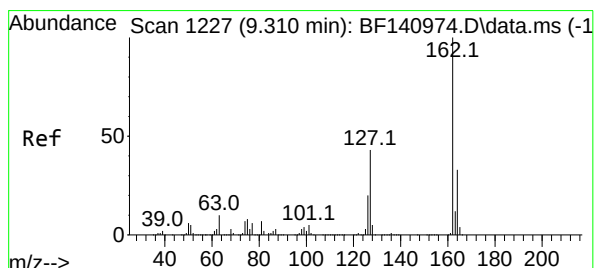
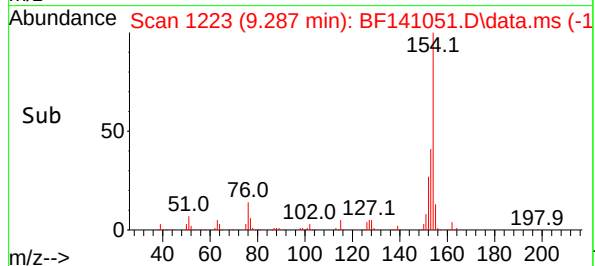
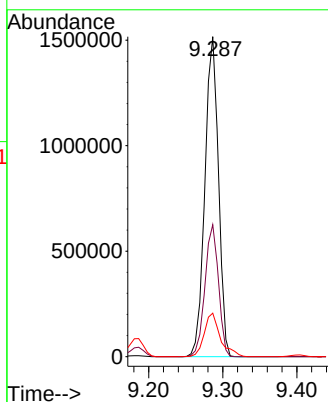
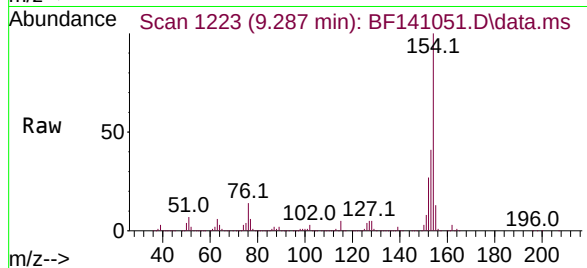
Tgt Ion:154 Resp: 1932118

Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

76 13.6 0.0 34.0



#47

2-Chloronaphthalene

Concen: 48.934 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

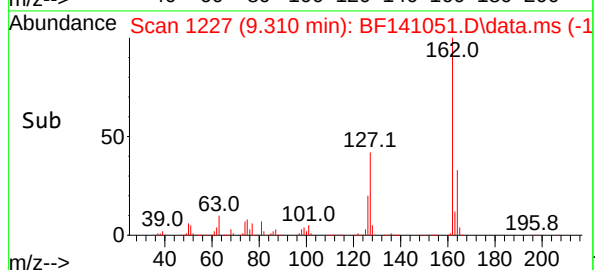
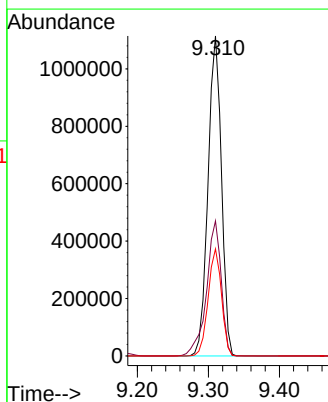
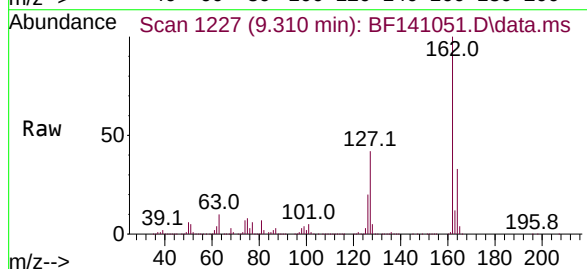
Tgt Ion:162 Resp: 1464242

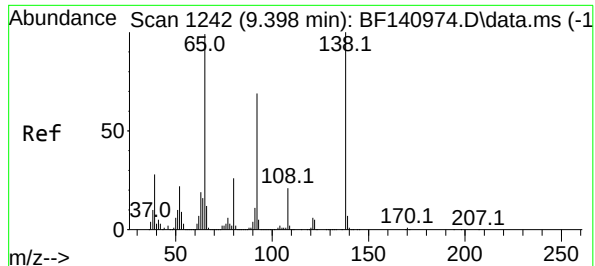
Ion Ratio Lower Upper

162 100

127 42.2 34.2 51.4

164 33.4 26.6 40.0





#48

2-Nitroaniline

Concen: 57.795 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

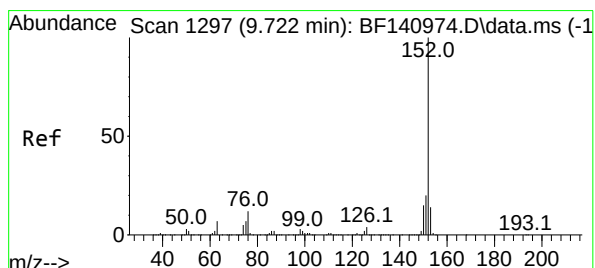
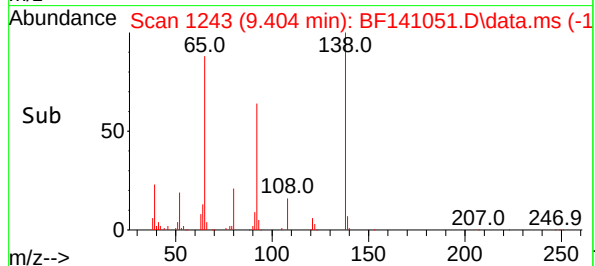
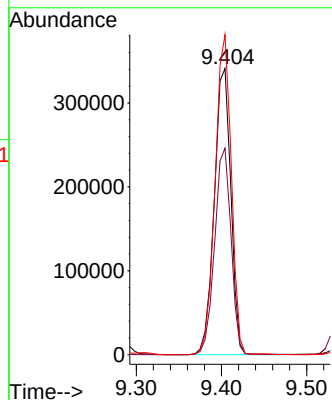
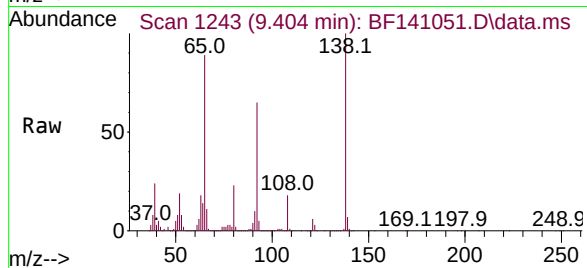
Tgt Ion: 65 Resp: 460638

Ion Ratio Lower Upper

65 100

92 72.2 55.6 83.4

138 111.8 80.5 120.7



#49

Acenaphthylene

Concen: 52.519 ng

RT: 9.728 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

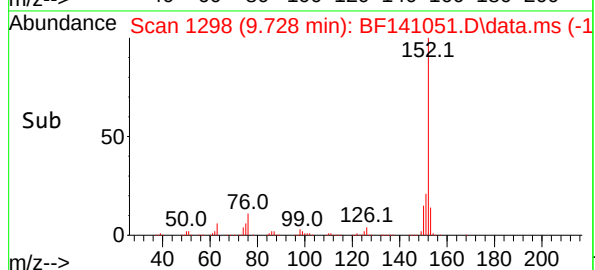
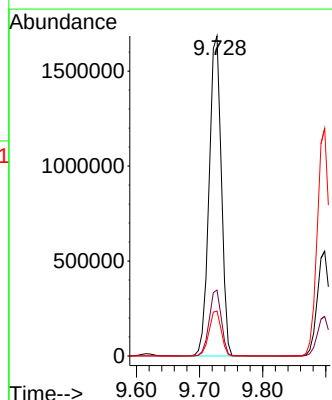
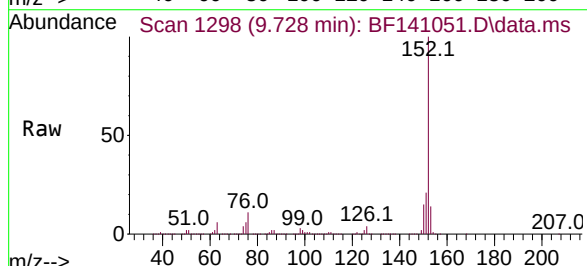
Tgt Ion: 152 Resp: 2262303

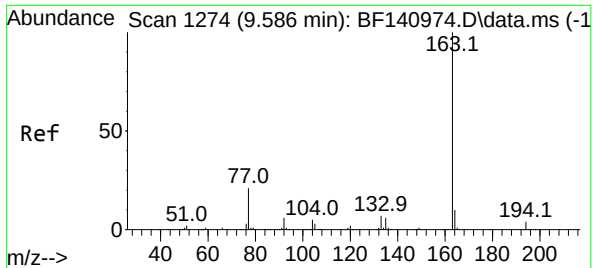
Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.1 11.4 17.0





#50

Dimethylphthalate

Concen: 53.897 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

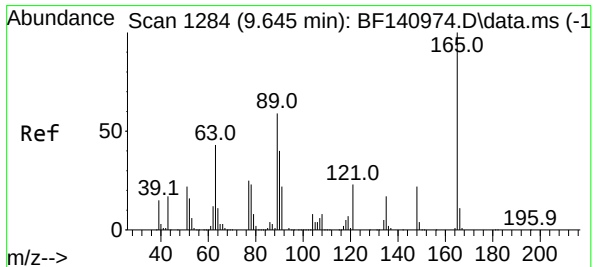
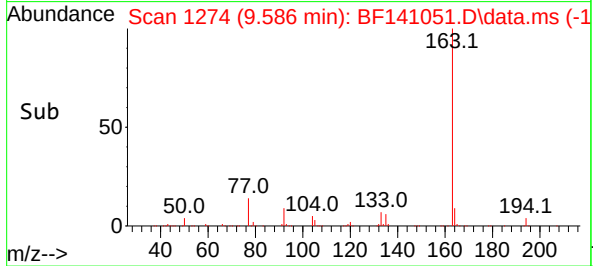
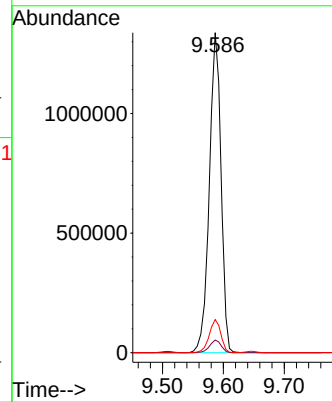
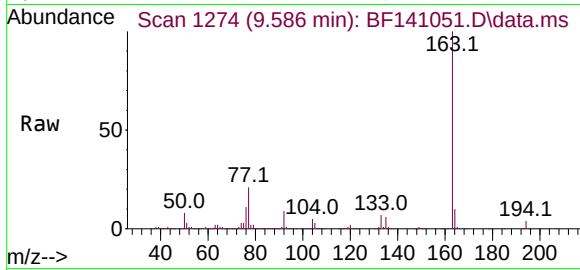
Tgt Ion:163 Resp: 1786357

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: 57.772 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

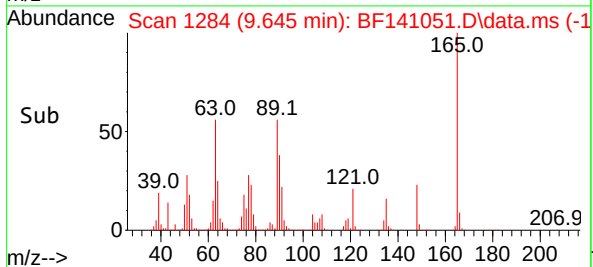
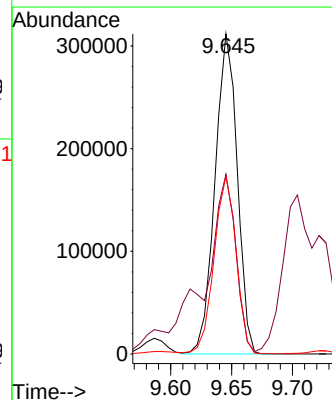
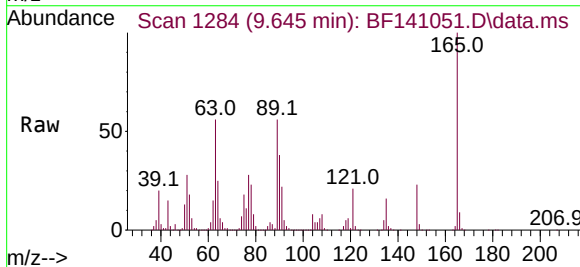
Tgt Ion:165 Resp: 395932

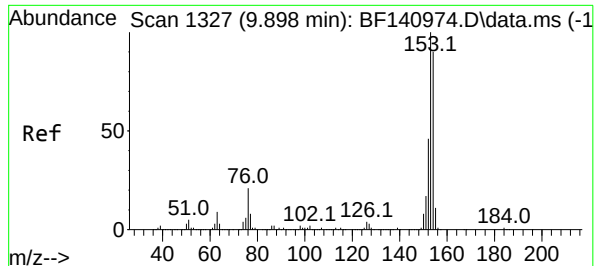
Ion Ratio Lower Upper

165 100

63 56.1 47.1 70.7

89 55.6 47.0 70.4





#52

Acenaphthene

Concen: 58.334 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

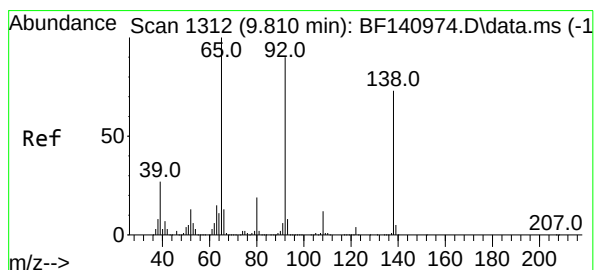
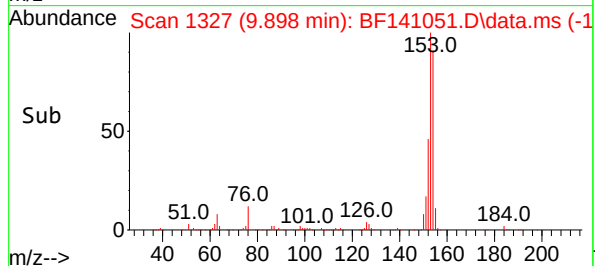
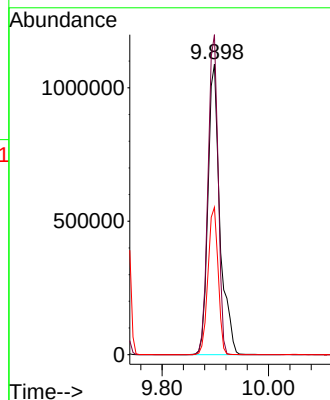
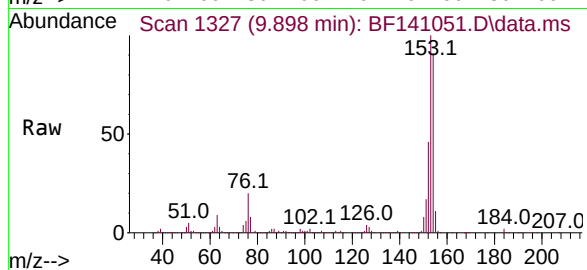
Tgt Ion:154 Resp: 1698760

Ion Ratio Lower Upper

154 100

153 110.2 89.2 133.8

152 50.7 40.9 61.3



#53

3-Nitroaniline

Concen: 11.544 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

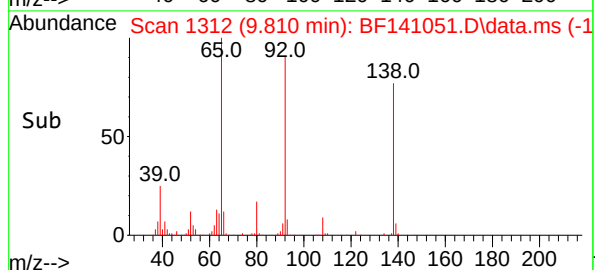
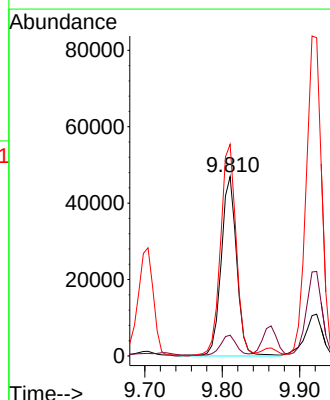
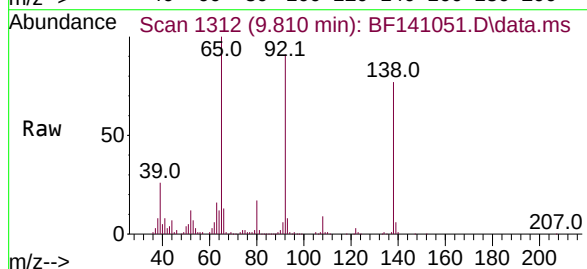
Tgt Ion:138 Resp: 65298

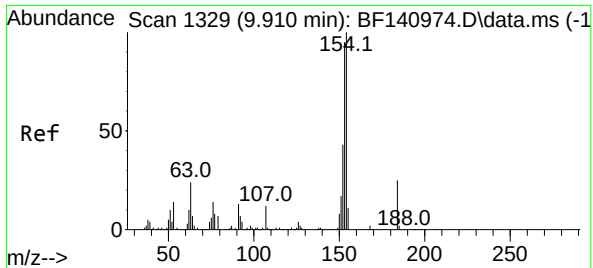
Ion Ratio Lower Upper

138 100

108 11.6 13.5 20.3#

92 118.1 97.7 146.5





#54

2,4-Dinitrophenol

Concen: 129.142 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF141051.D

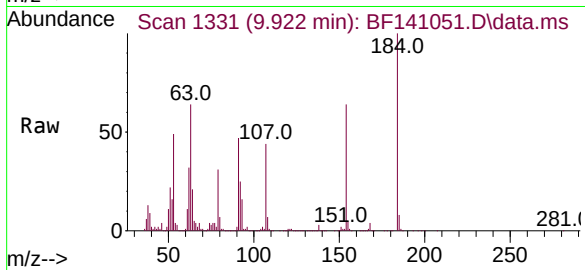
Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD



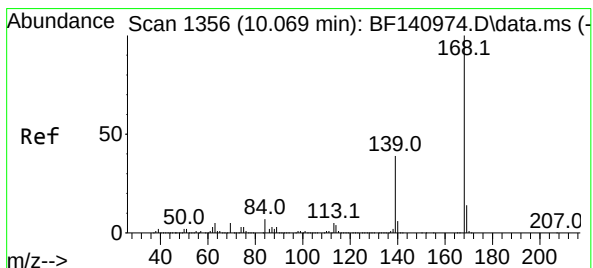
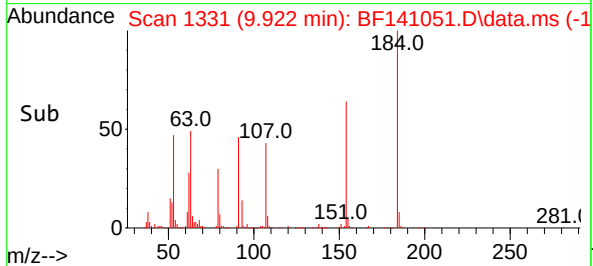
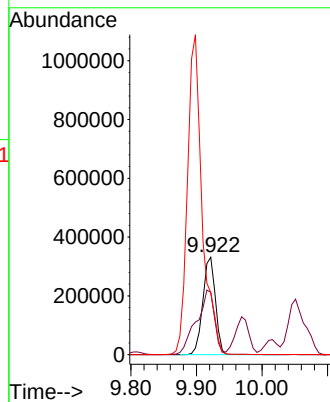
Tgt Ion:184 Resp: 446375

Ion Ratio Lower Upper

184 100

63 63.9 81.6 122.4#

154 63.7 363.5 545.3#



#55

Dibenzofuran

Concen: 50.661 ng

RT: 10.069 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

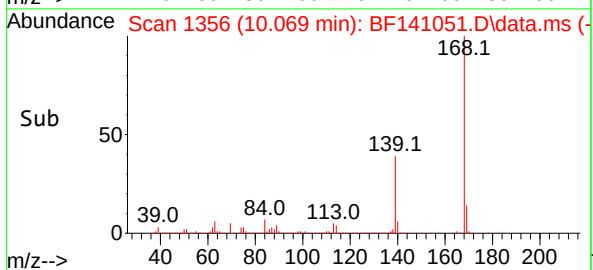
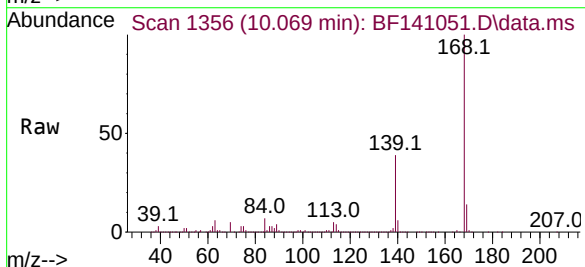
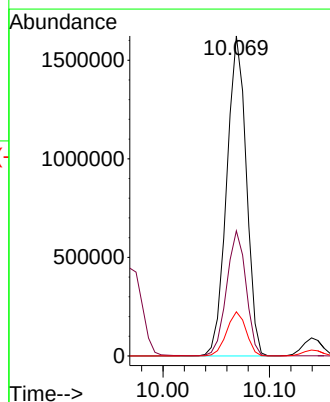
Tgt Ion:168 Resp: 2073334

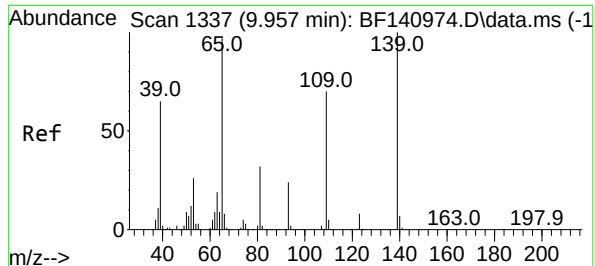
Ion Ratio Lower Upper

168 100

139 39.1 31.6 47.4

169 13.8 11.0 16.6





#56

4-Nitrophenol

Concen: 116.604 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.012 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

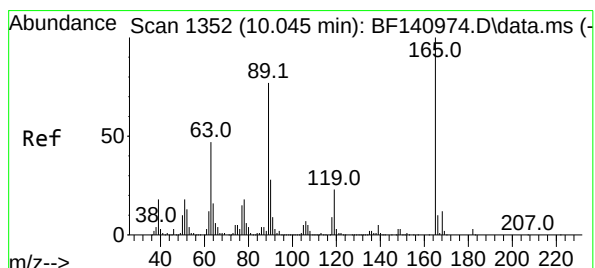
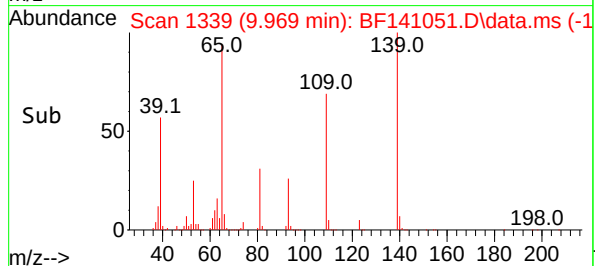
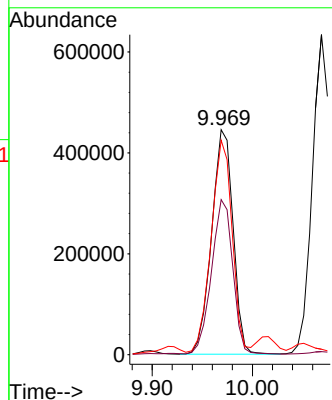
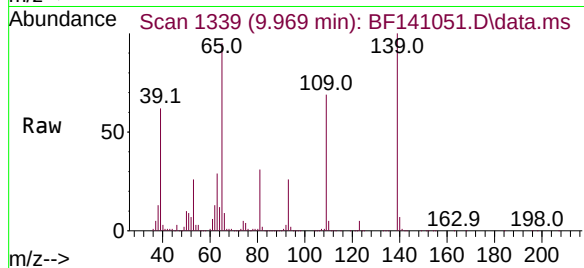
Tgt Ion:139 Resp: 661085

Ion Ratio Lower Upper

139 100

109 69.0 50.8 90.8

65 95.3 78.5 118.5



#57

2,4-Dinitrotoluene

Concen: 63.887 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Tgt Ion:165 Resp: 542012

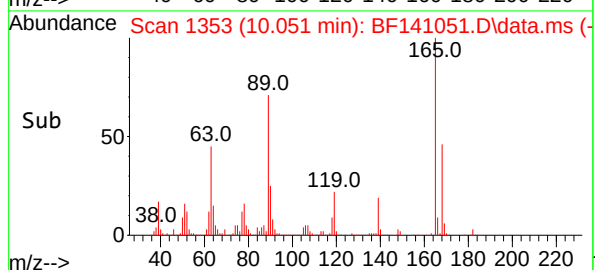
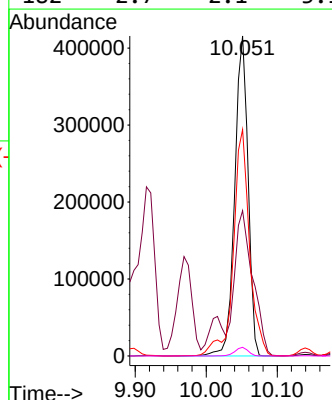
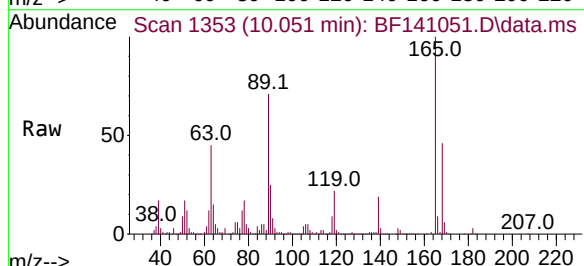
Ion Ratio Lower Upper

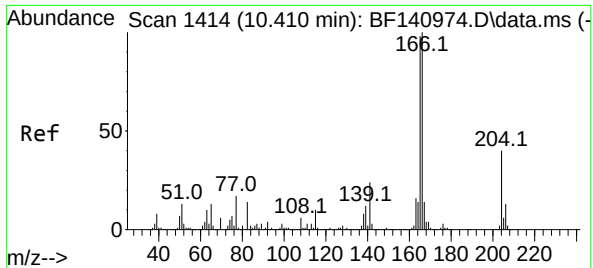
165 100

63 45.4 38.1 57.1

89 70.8 61.4 92.2

182 2.7 2.1 3.1

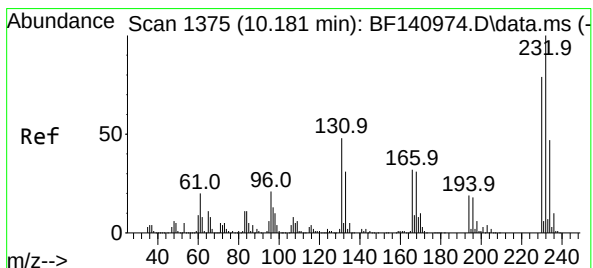
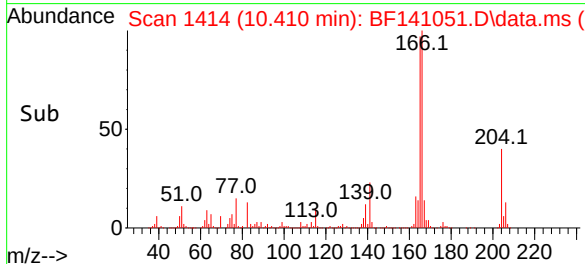
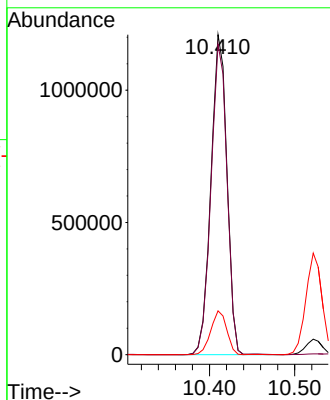
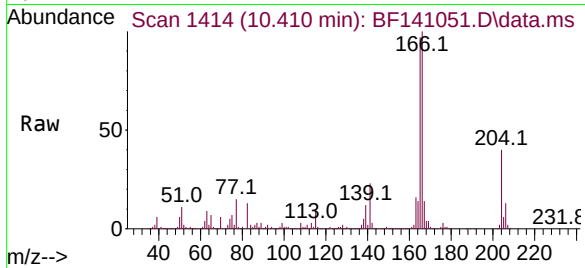




#58
Fluorene
Concen: 49.790 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

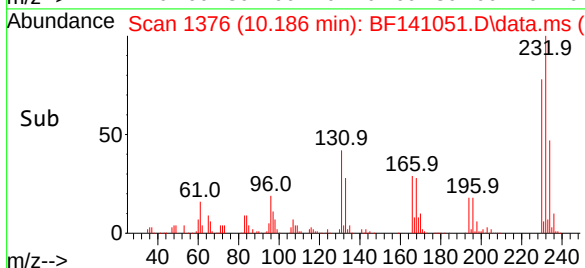
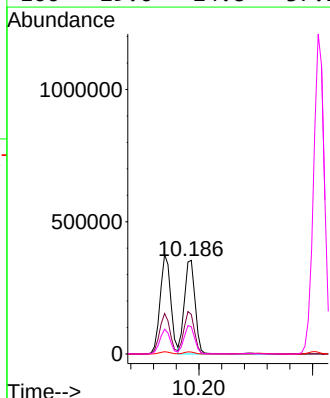
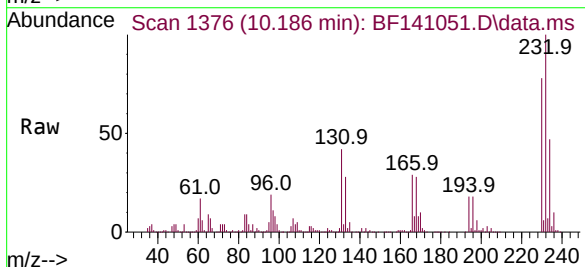
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

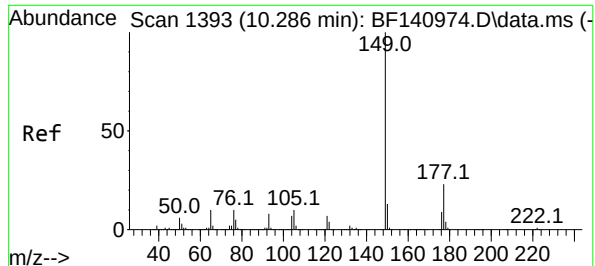
Tgt Ion:166 Resp: 1580114
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.7 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 59.215 ng
RT: 10.186 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:232 Resp: 462961
Ion Ratio Lower Upper
232 100
131 44.0 37.4 56.2
130 2.2 1.8 2.8
166 29.6 24.8 37.2





#60

Diethylphthalate

Concen: 52.335 ng

RT: 10.286 min Scan# 1393

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

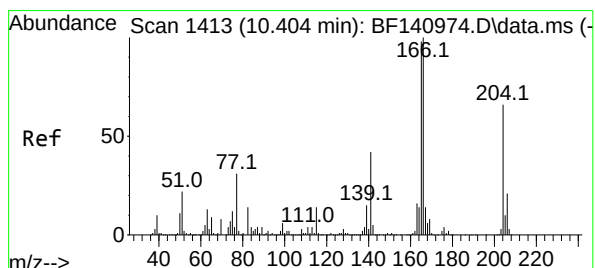
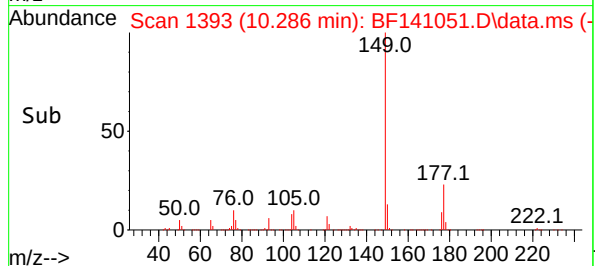
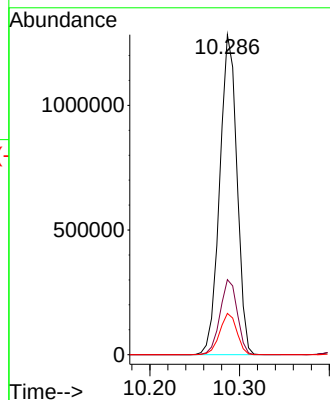
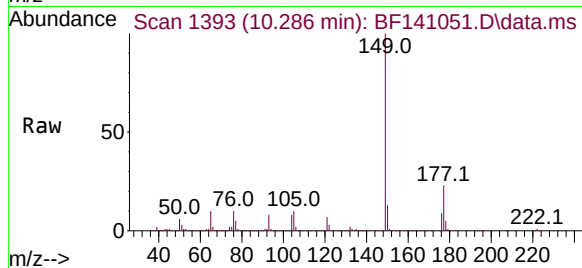
Tgt Ion:149 Resp: 1712441

Ion Ratio Lower Upper

149 100

177 23.4 18.3 27.5

150 12.9 10.4 15.6



#61

4-Chlorophenyl-phenylether

Concen: 50.650 ng

RT: 10.404 min Scan# 1413

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

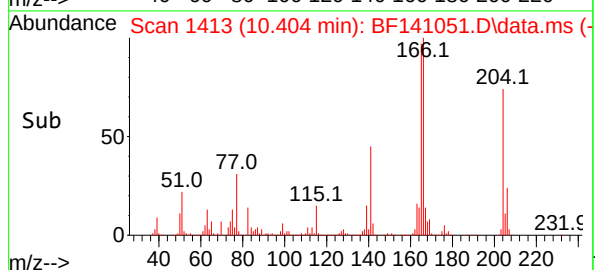
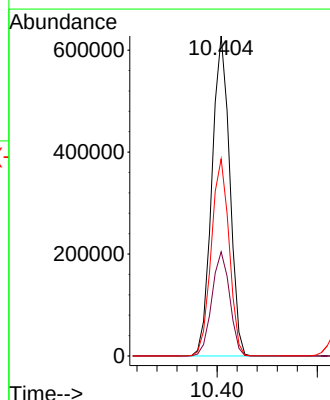
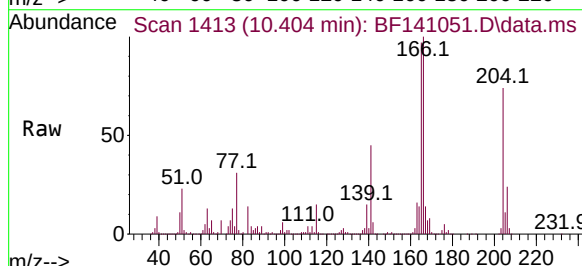
Tgt Ion:204 Resp: 773442

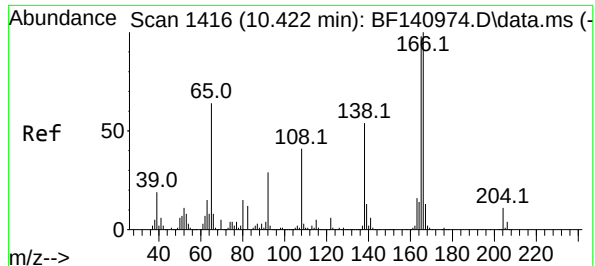
Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

141 61.6 51.2 76.8

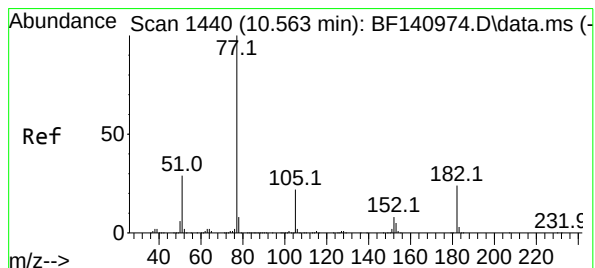
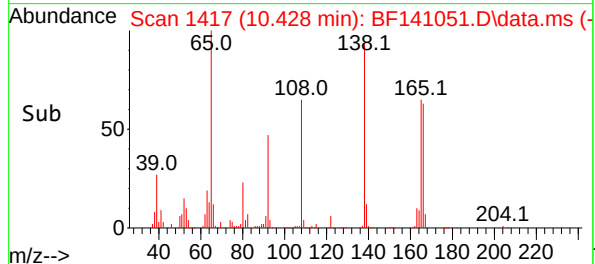
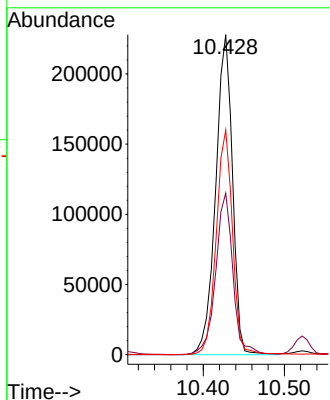
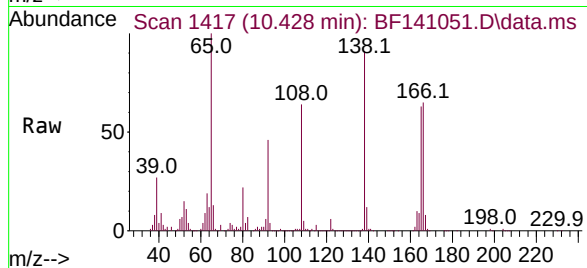




#62
4-Nitroaniline
Concen: 44.986 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

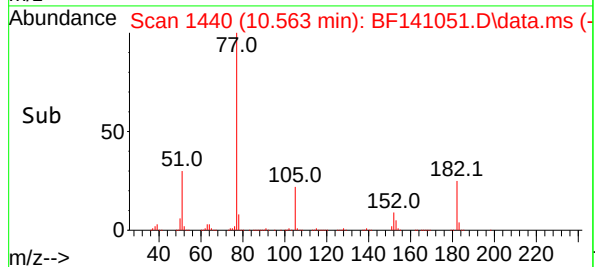
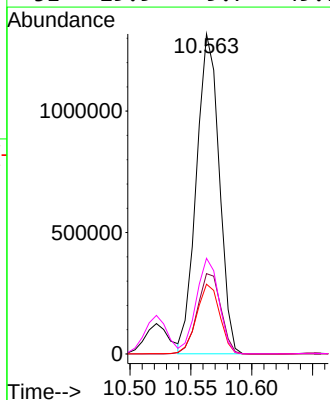
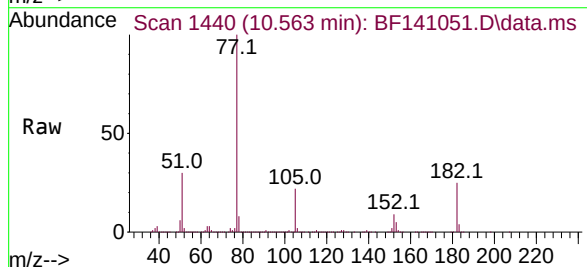
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

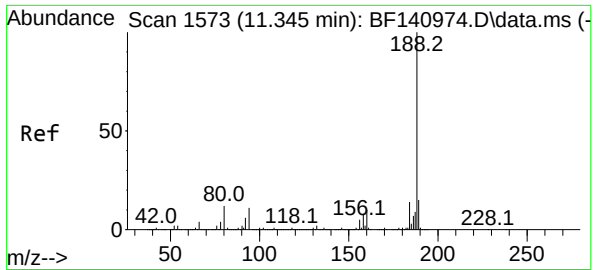
Tgt Ion:138 Resp: 328695
Ion Ratio Lower Upper
138 100
92 50.5 34.8 74.8
108 70.2 55.9 95.9



#63
Azobenzene
Concen: 49.822 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion: 77 Resp: 1711084
Ion Ratio Lower Upper
77 100
182 25.1 4.1 44.1
105 21.8 1.8 41.8
51 29.9 9.7 49.7

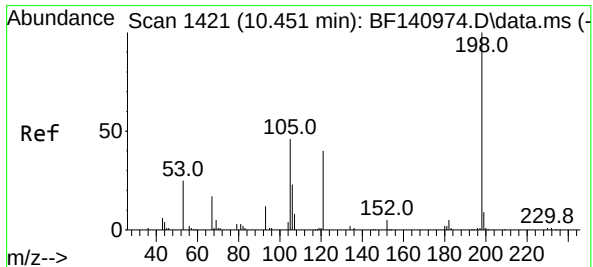
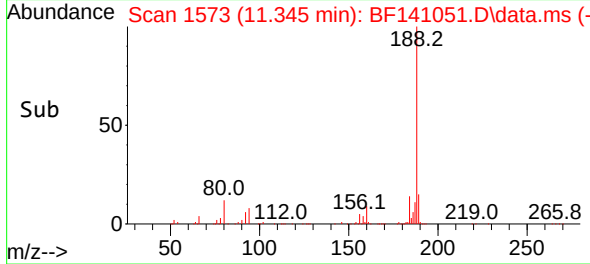
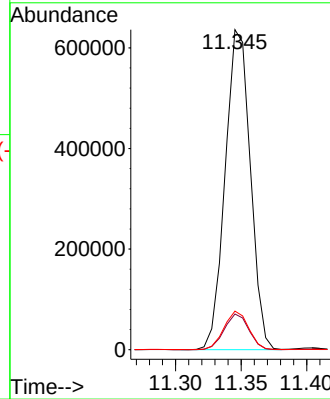
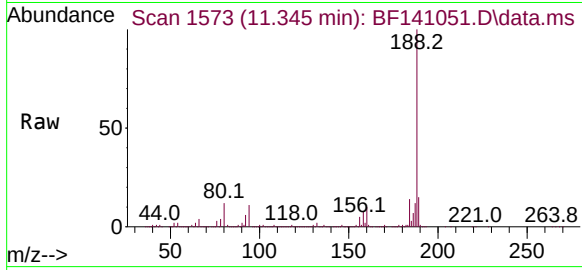




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

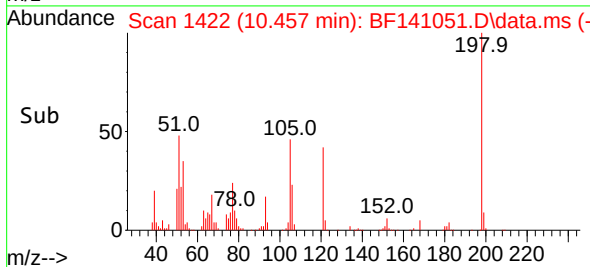
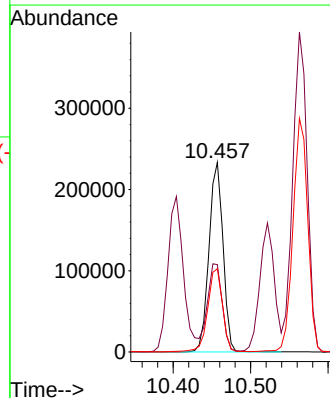
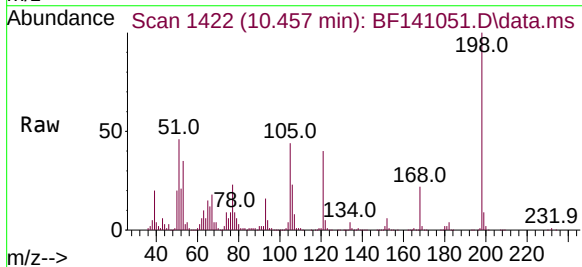
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

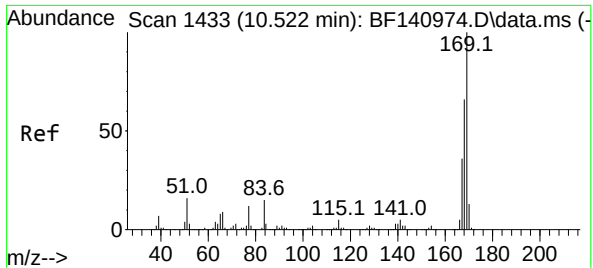
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.6
80	12.1	9.8	14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 79.159 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.0	32.3	72.3
105	43.9	28.4	68.4

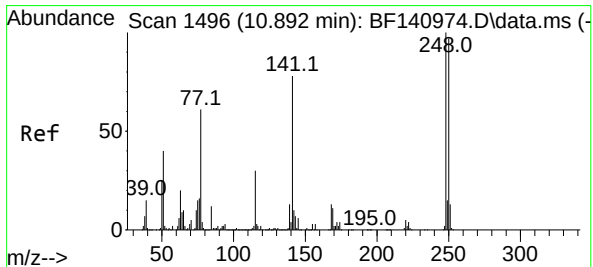
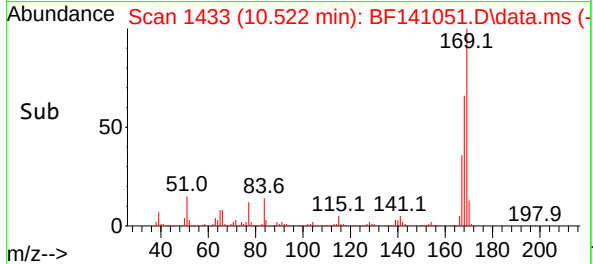
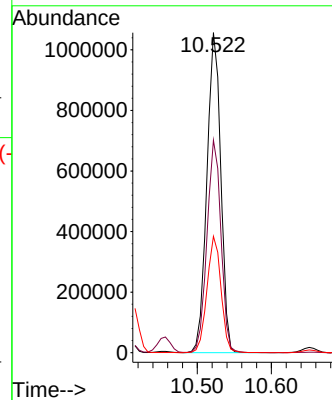
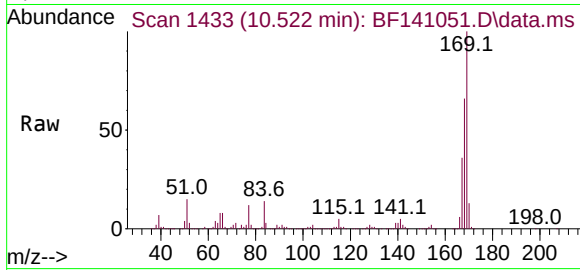




#66
n-Nitrosodiphenylamine
Concen: 51.370 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

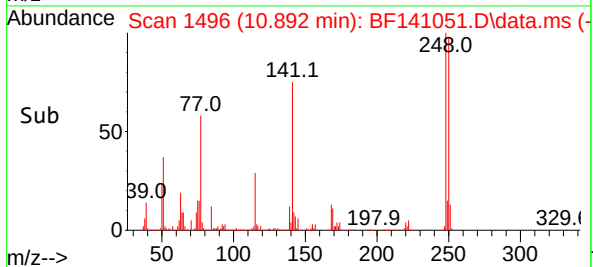
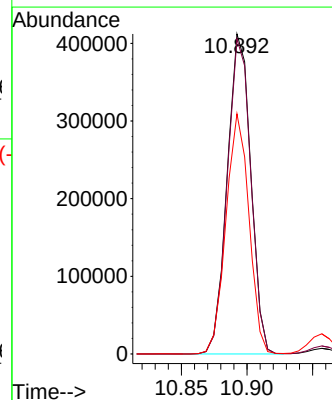
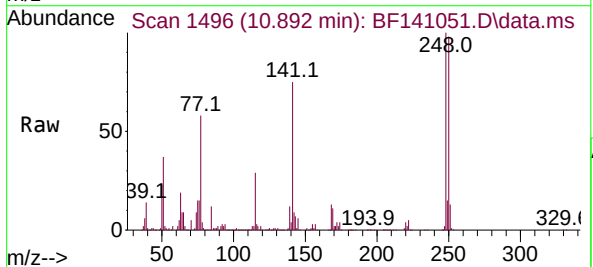
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

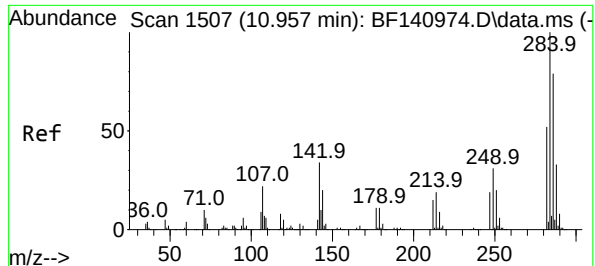
Tgt Ion:169 Resp: 1374523
Ion Ratio Lower Upper
169 100
168 66.4 52.6 79.0
167 36.3 29.0 43.4



#67
4-Bromophenyl-phenylether
Concen: 56.097 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:248 Resp: 515279
Ion Ratio Lower Upper
248 100
250 98.5 77.7 116.5
141 75.0 62.1 93.1





#68

Hexachlorobenzene

Concen: 55.296 ng

RT: 10.957 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

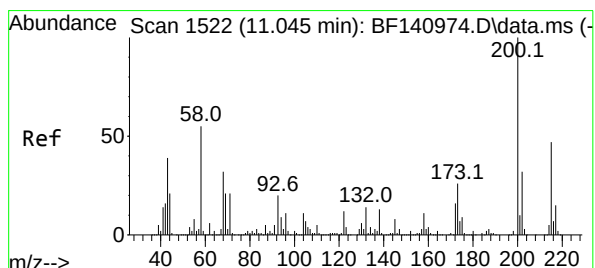
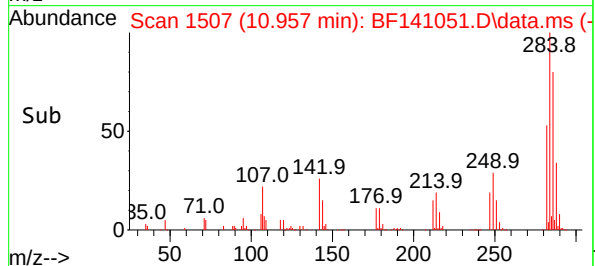
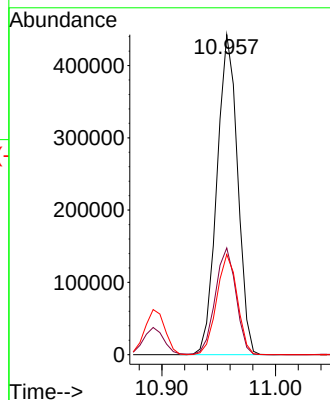
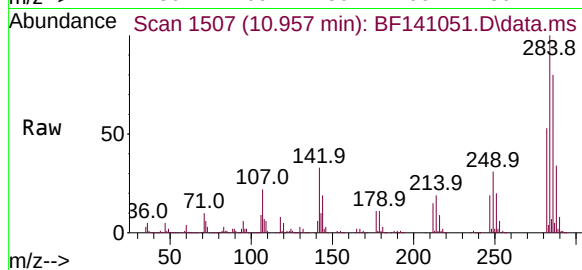
Tgt Ion:284 Resp: 560058

Ion Ratio Lower Upper

284 100

142 33.4 27.1 40.7

249 31.3 25.1 37.7



#69

Atrazine

Concen: 37.888 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

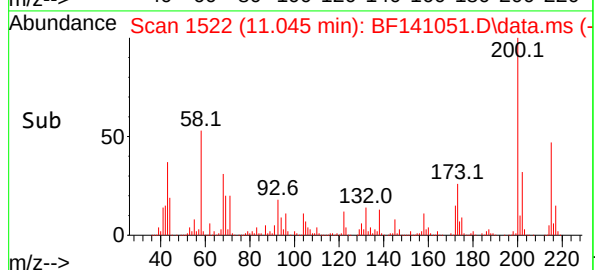
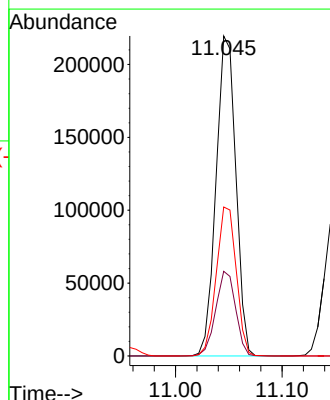
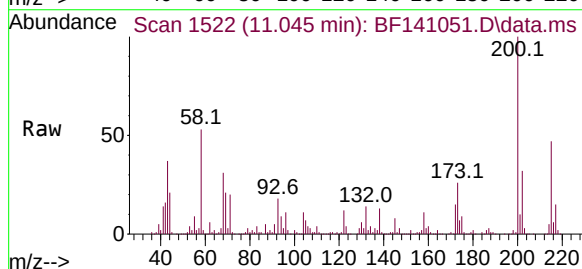
Tgt Ion:200 Resp: 283213

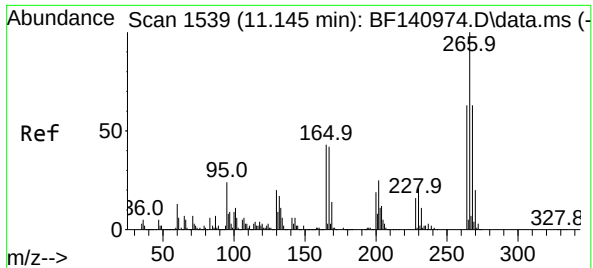
Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

215 46.5 27.2 67.2





#70

Pentachlorophenol

Concen: 113.255 ng

RT: 11.151 min Scan# 1539

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

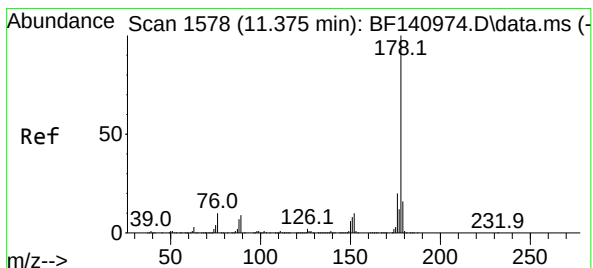
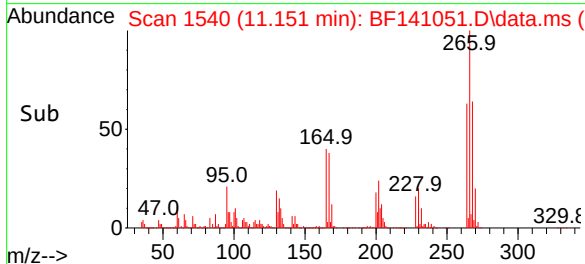
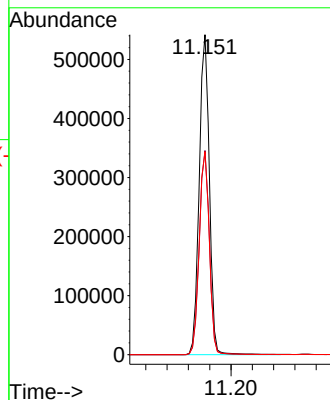
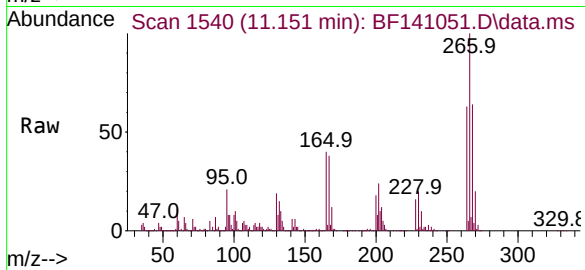
Tgt Ion:266 Resp: 714191

Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

264 63.4 50.2 75.4



#71

Phenanthrene

Concen: 52.122 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

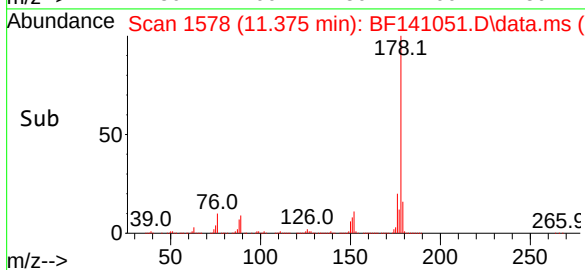
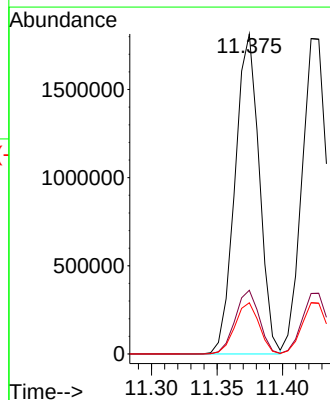
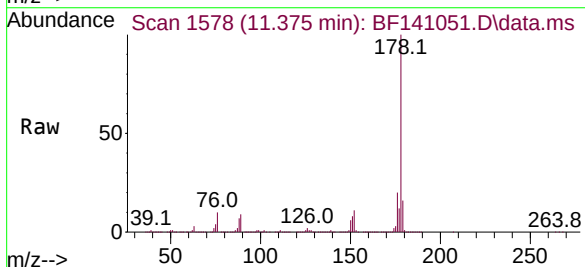
Tgt Ion:178 Resp: 2330937

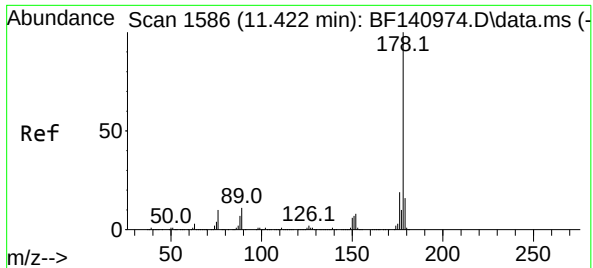
Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

179 16.0 12.6 19.0

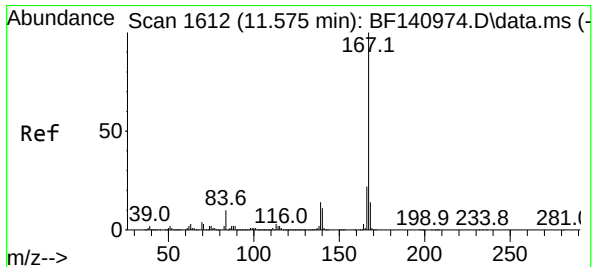
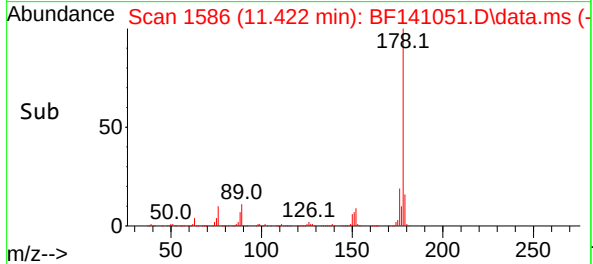
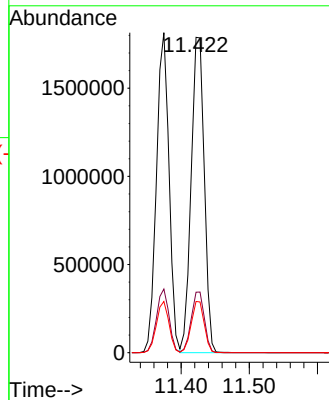
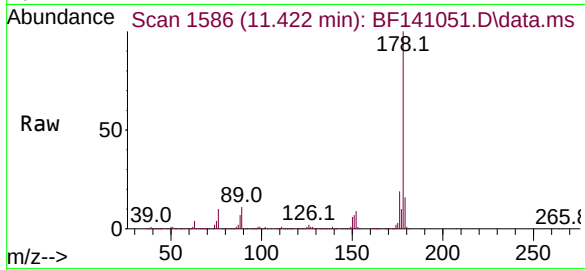




#72
Anthracene
Concen: 54.370 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

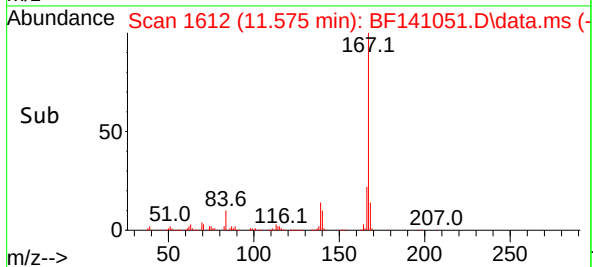
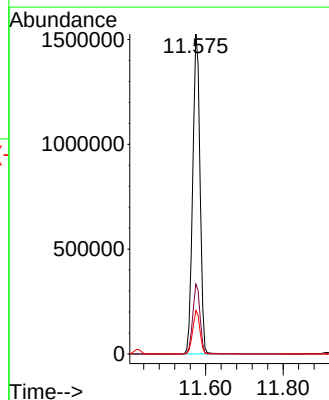
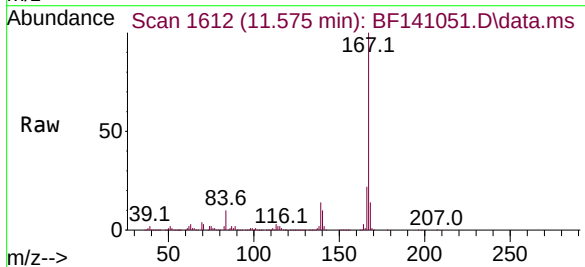
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

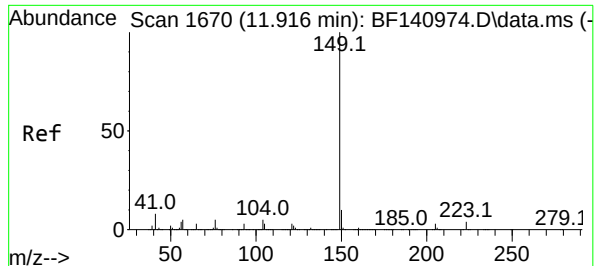
Tgt Ion:178 Resp: 2382528
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.2 12.9 19.3



#73
Carbazole
Concen: 47.426 ng
RT: 11.575 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:167 Resp: 1997834
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.6 11.0 16.4

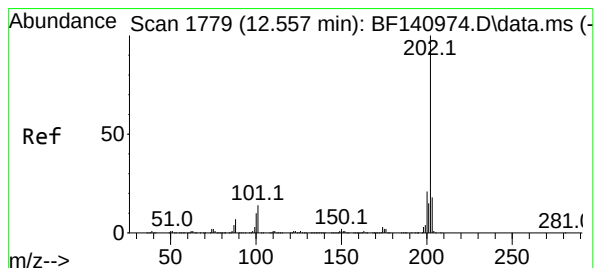
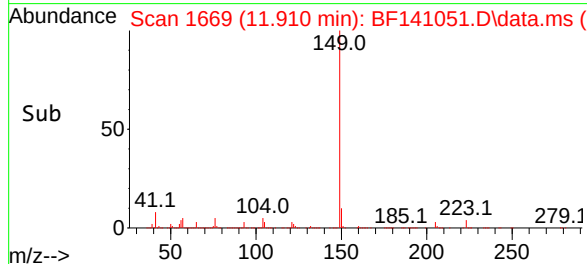
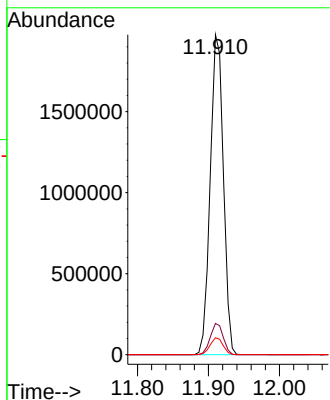
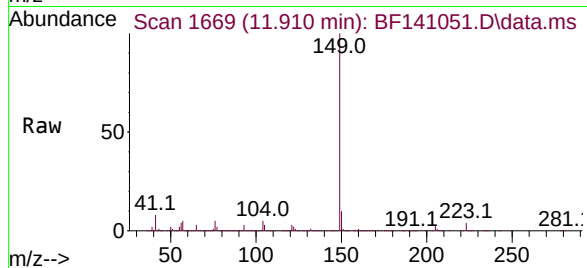




#74
Di-n-butylphthalate
Concen: 53.036 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

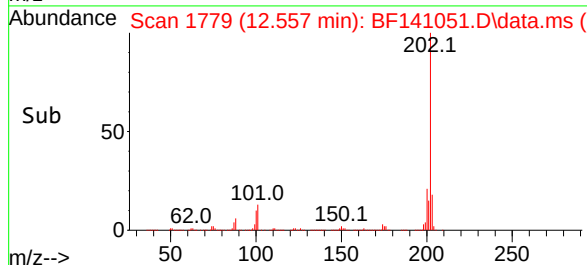
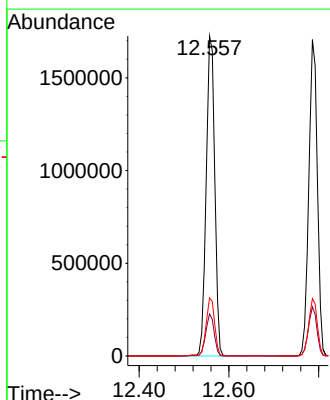
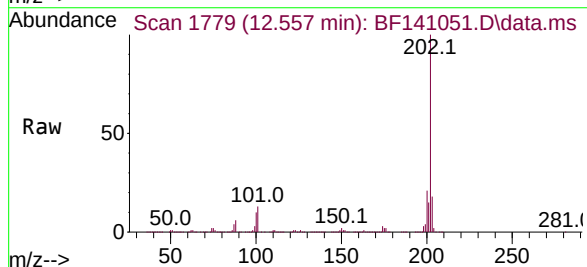
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

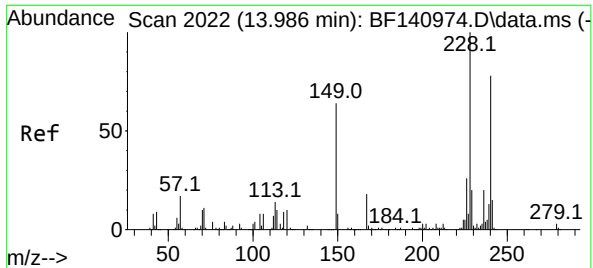
Tgt Ion:149 Resp: 2541145
Ion Ratio Lower Upper
149 100
150 9.8 7.7 11.5
104 5.3 4.1 6.1



#75
Fluoranthene
Concen: 47.056 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:202 Resp: 2282314
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.7
203 18.2 0.0 38.1

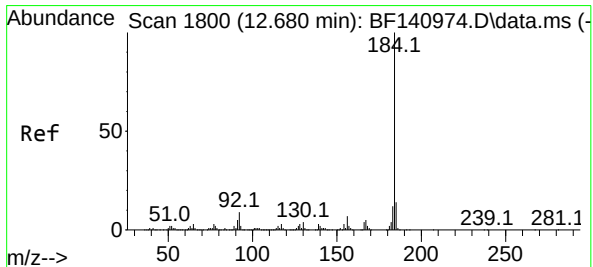
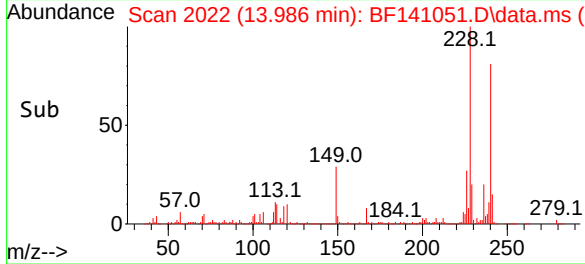
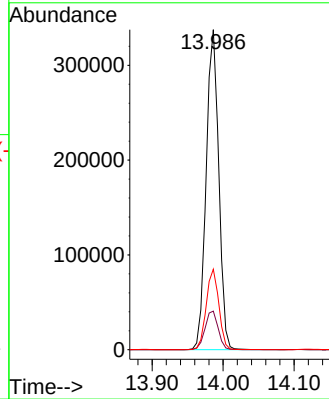
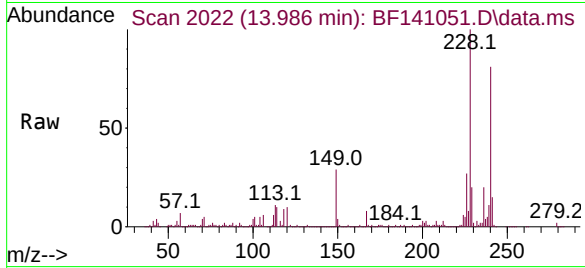




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

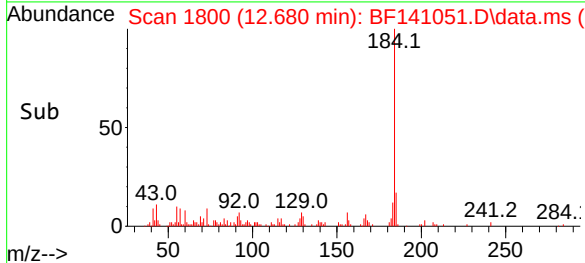
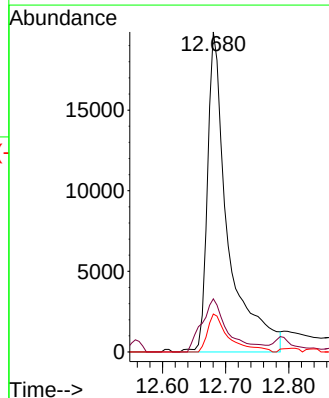
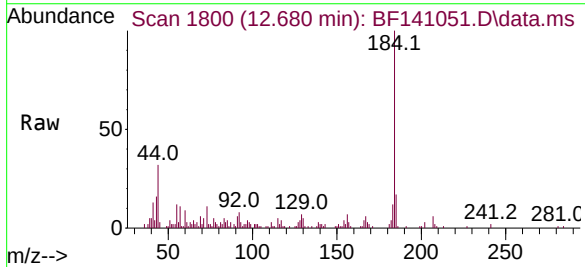
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

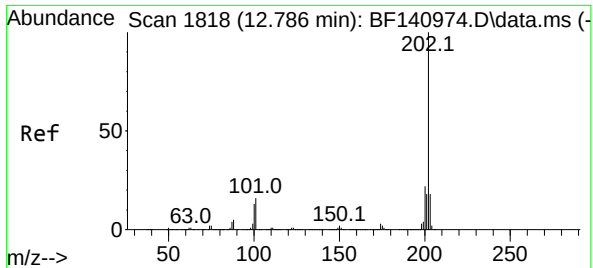
Tgt Ion:240 Resp: 416215
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 25.2 20.6 31.0



#77
Benzidine
Concen: 5.097 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:184 Resp: 44837
Ion Ratio Lower Upper
184 100
185 16.6 11.4 17.2
183 11.9 9.4 14.0

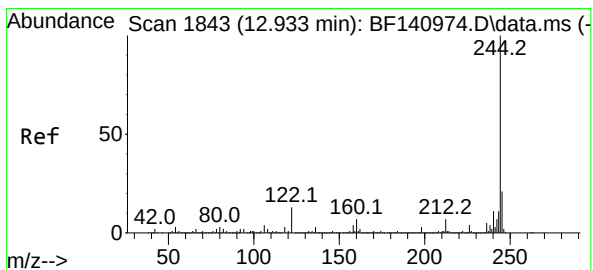
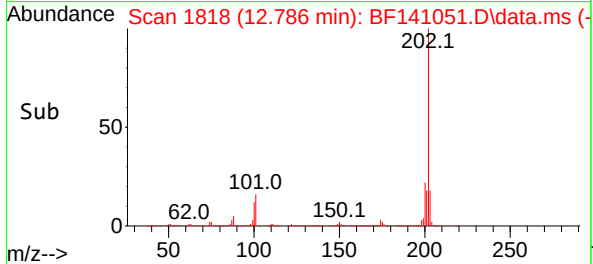
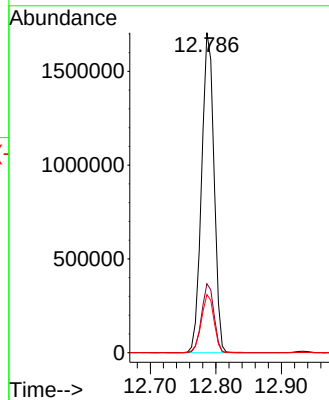
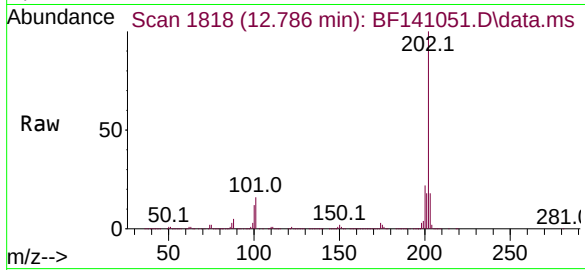




#78
Pyrene
Concen: 61.908 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

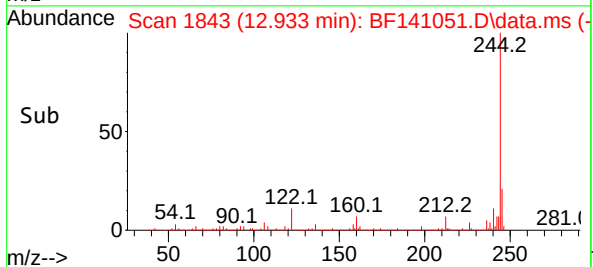
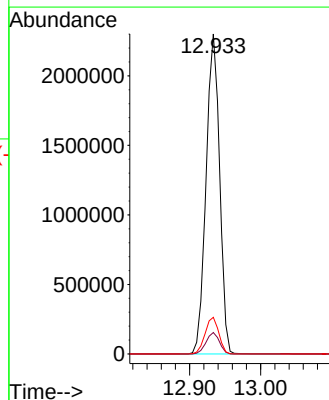
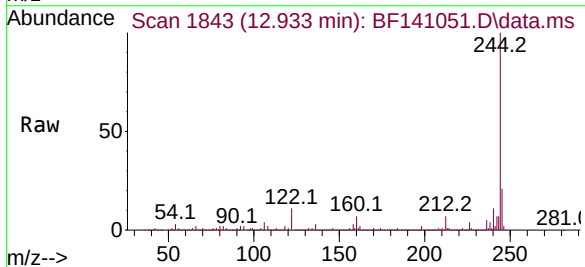
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

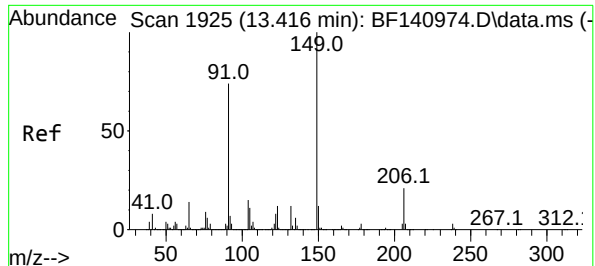
Tgt Ion:202 Resp: 2253520
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 18.2 14.6 21.8



#79
Terphenyl-d14
Concen: 121.819 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:244 Resp: 3052555
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 11.4 10.2 15.2





#80

Butylbenzylphthalate

Concen: 63.410 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

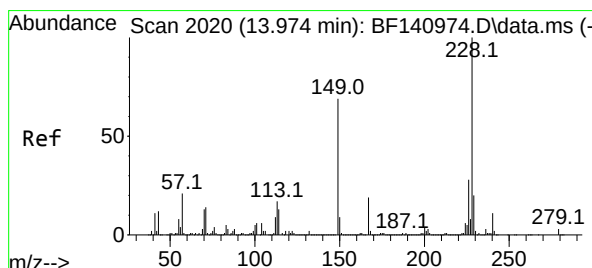
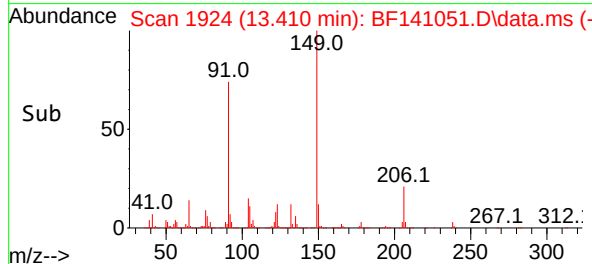
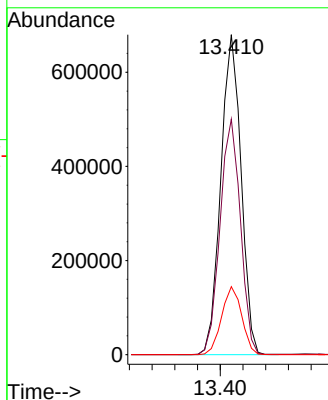
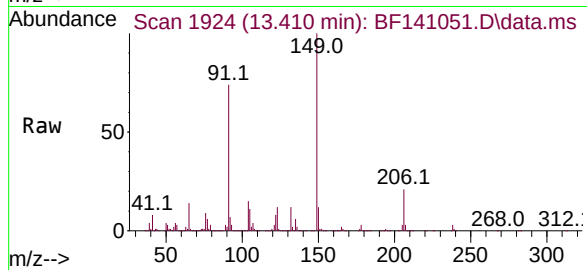
Tgt Ion:149 Resp: 842846

Ion Ratio Lower Upper

149 100

91 73.6 59.5 89.3

206 21.3 17.1 25.7



#81

Benzo(a)anthracene

Concen: 48.523 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

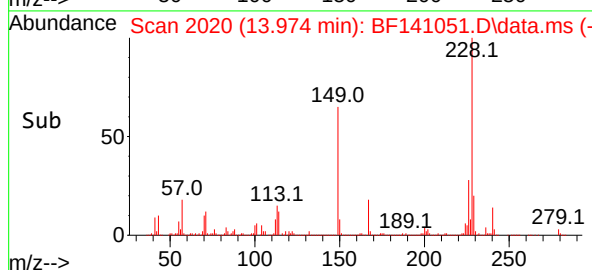
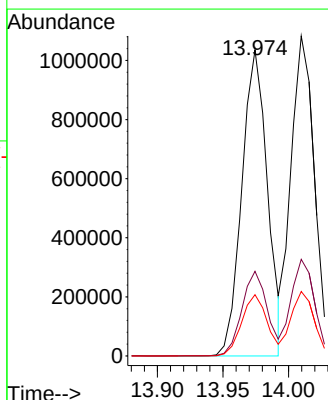
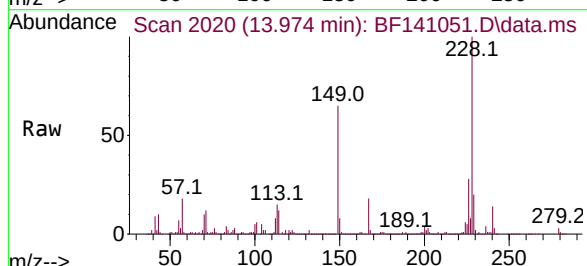
Tgt Ion:228 Resp: 1407543

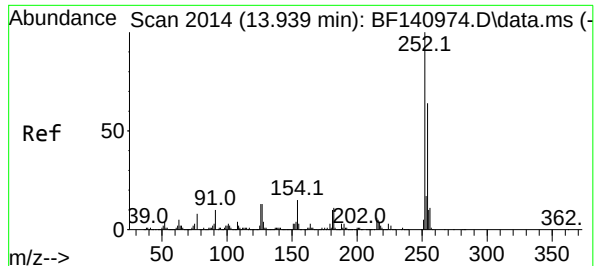
Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 20.0 16.2 24.2





#82

3,3'-Dichlorobenzidine

Concen: 10.498 ng

RT: 13.939 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

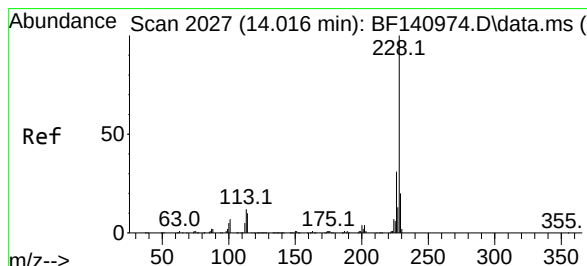
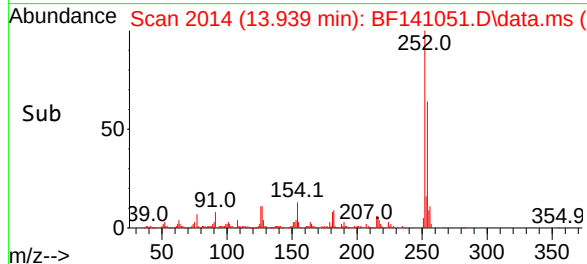
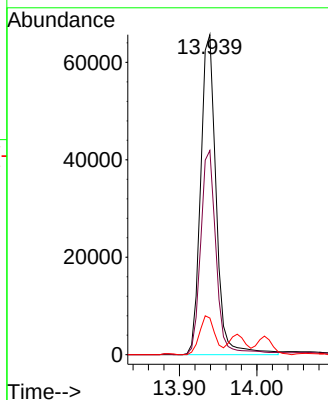
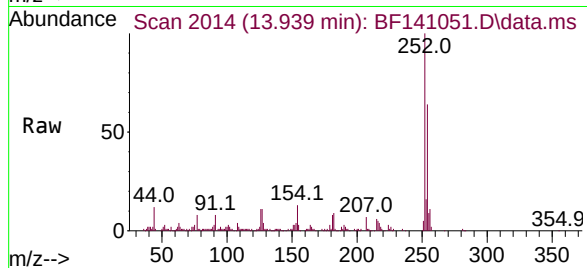
Tgt Ion:252 Resp: 91490

Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 11.5 10.3 15.5



#83

Chrysene

Concen: 51.388 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

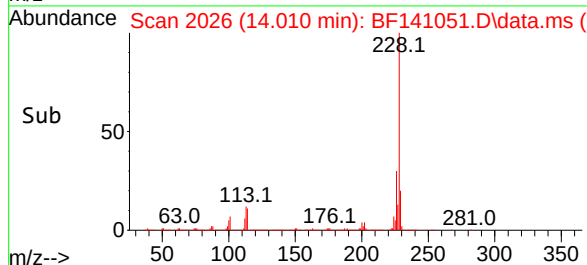
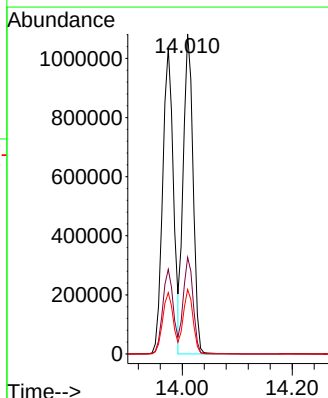
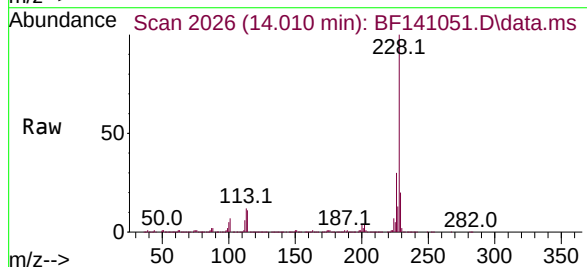
Tgt Ion:228 Resp: 1343766

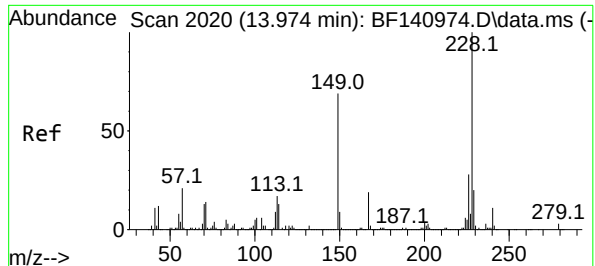
Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 20.1 16.2 24.4

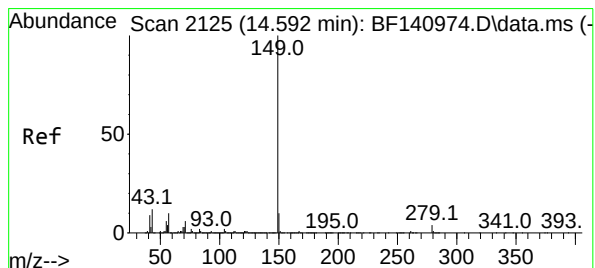
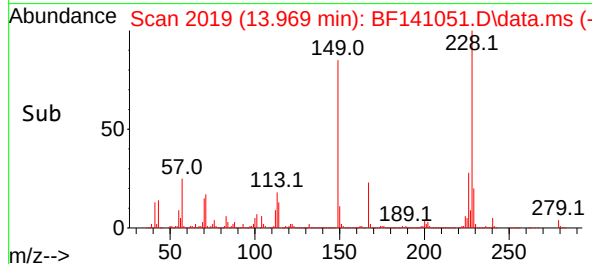
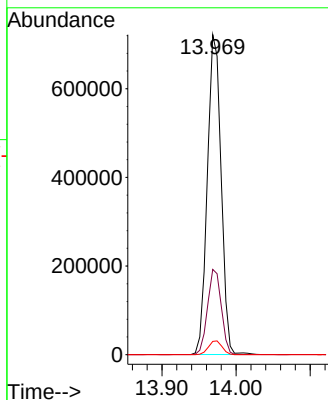
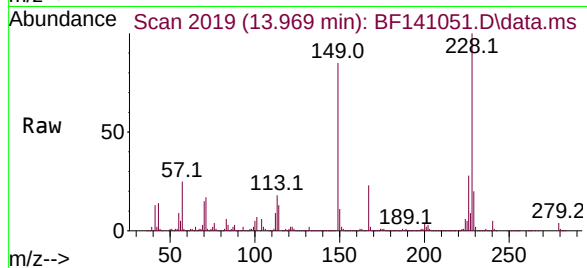




#84
Bis(2-ethylhexyl)phthalate
Concen: 54.023 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

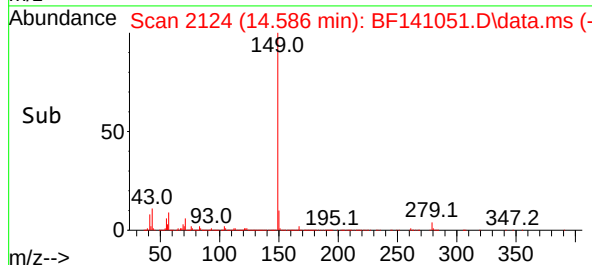
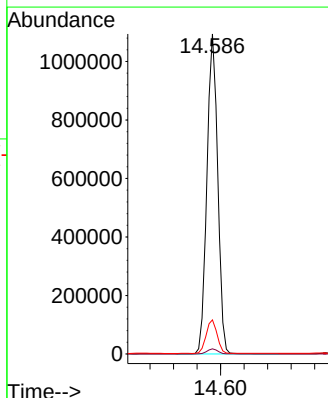
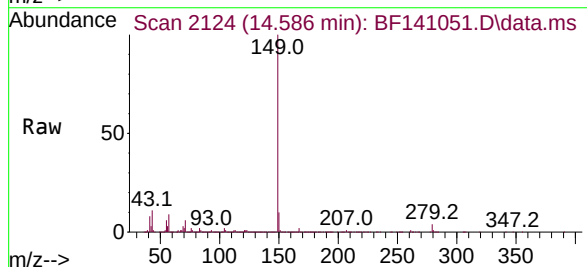
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

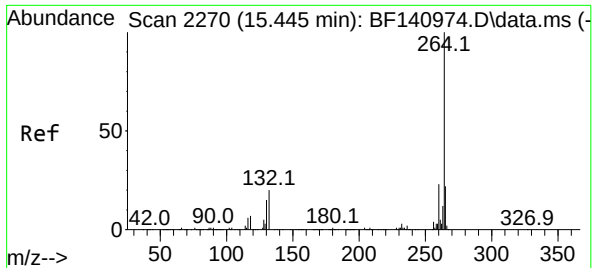
Tgt Ion:149 Resp: 931448
Ion Ratio Lower Upper
149 100
167 26.6 21.6 32.4
279 4.1 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 55.553 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:149 Resp: 1386309
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.6 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

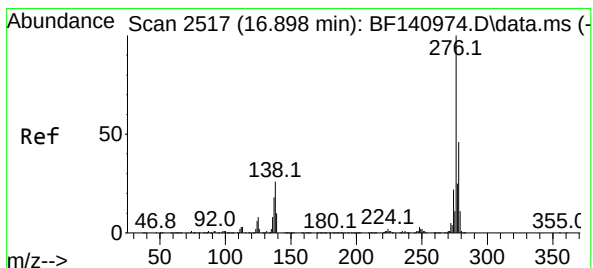
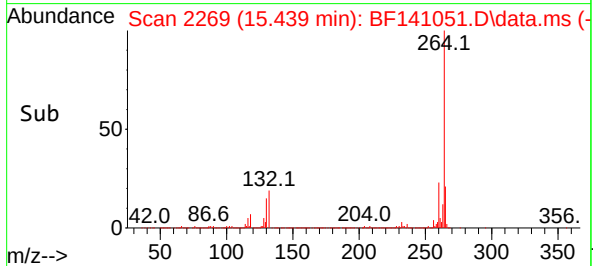
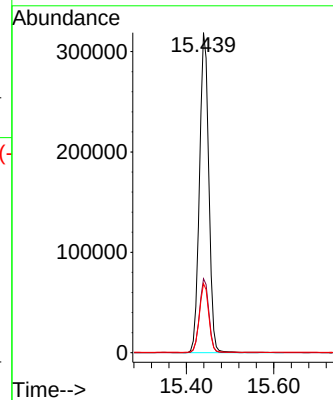
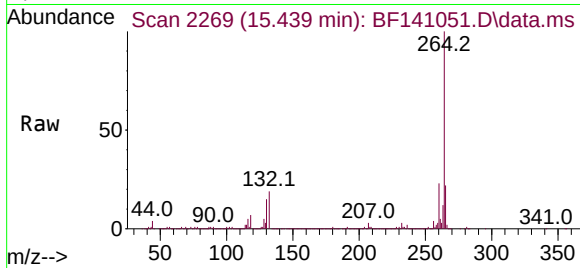
Tgt Ion:264 Resp: 472841

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.6 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 66.588 ng

RT: 16.904 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

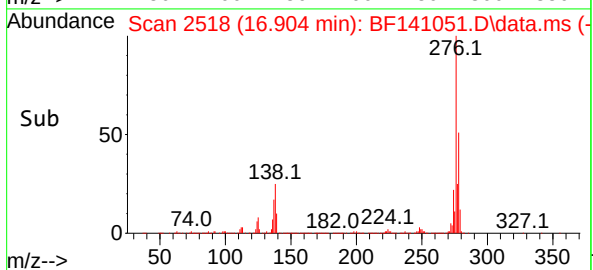
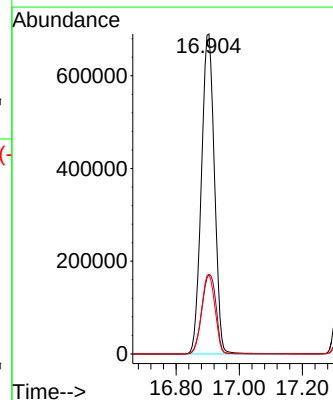
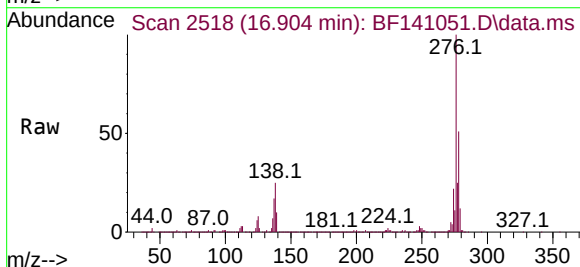
Tgt Ion:276 Resp: 1983646

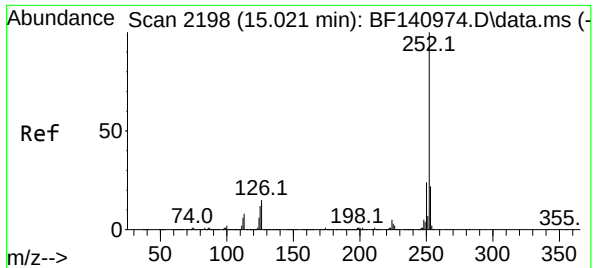
Ion Ratio Lower Upper

276 100

138 26.8 23.1 34.7

277 25.6 20.4 30.6

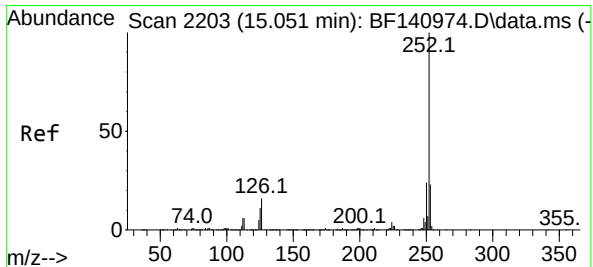
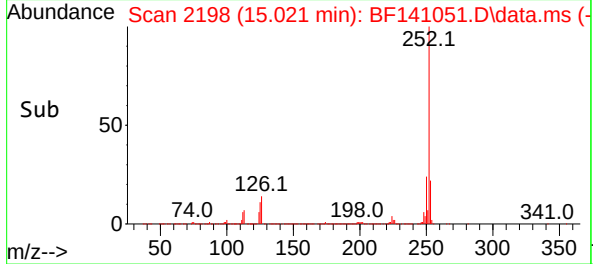
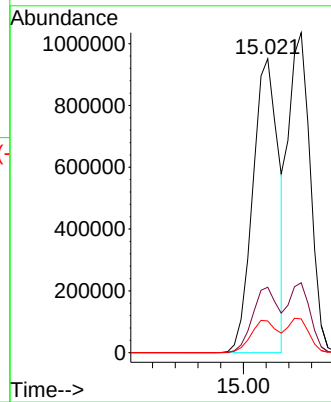
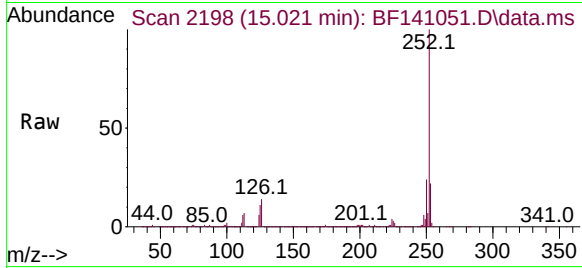




#88
Benzo(b)fluoranthene
Concen: 45.230 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

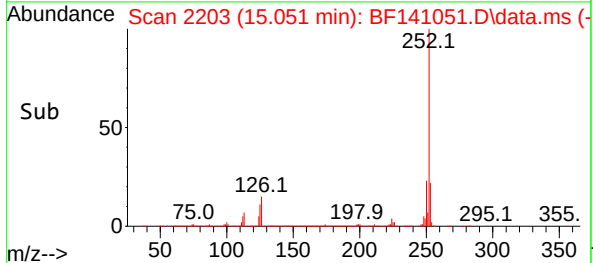
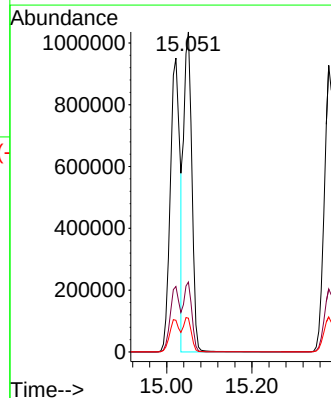
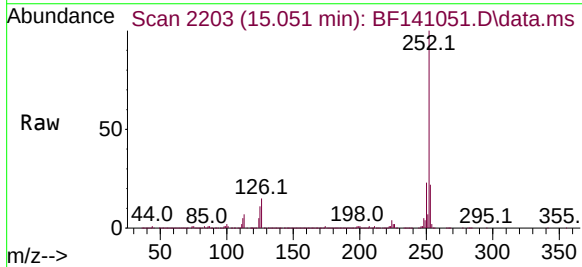
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MSD

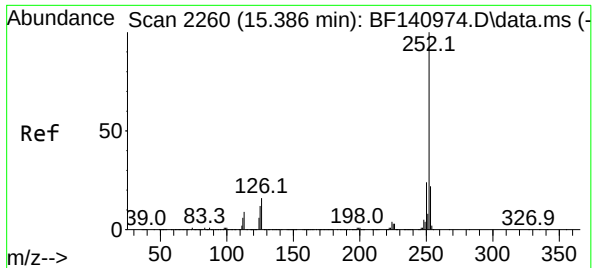
Tgt Ion:252 Resp: 1491587
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.8 9.3 13.9



#89
Benzo(k)fluoranthene
Concen: 53.198 ng
RT: 15.051 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF141051.D
Acq: 31 Dec 2024 11:49

Tgt Ion:252 Resp: 1375012
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.5 9.4 14.0





#90

Benzo(a)pyrene

Concen: 56.315 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD

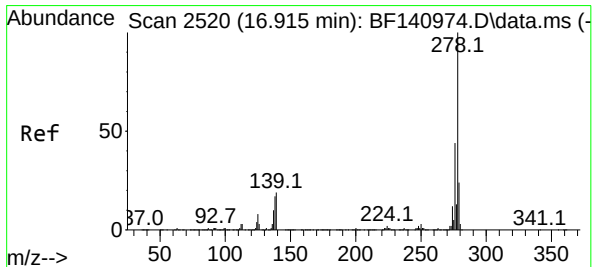
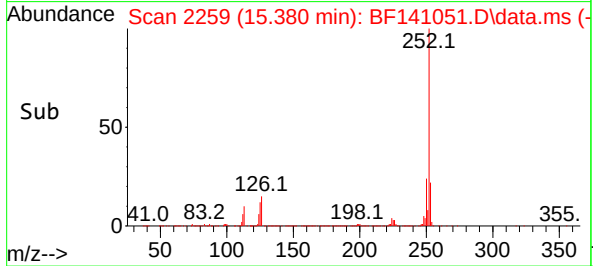
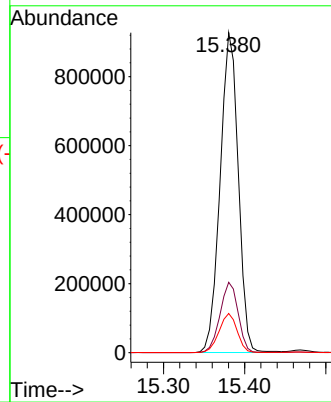
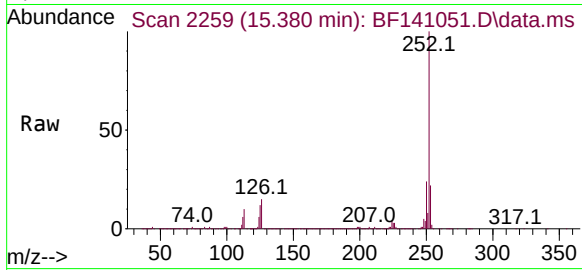
Tgt Ion:252 Resp: 1441471

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 12.2 9.8 14.8



#91

Dibenzo(a,h)anthracene

Concen: 65.995 ng

RT: 16.921 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF141051.D

Acq: 31 Dec 2024 11:49

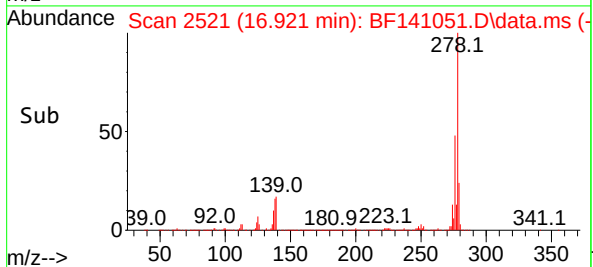
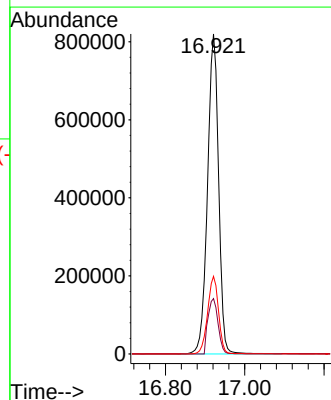
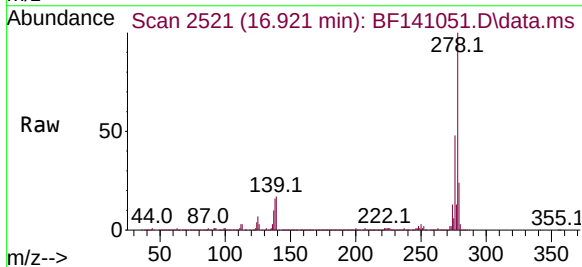
Tgt Ion:278 Resp: 1593652

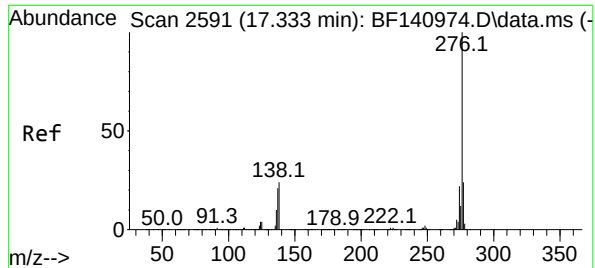
Ion Ratio Lower Upper

278 100

139 17.3 14.9 22.3

279 24.3 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 59.450 ng

RT: 17.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141051.D

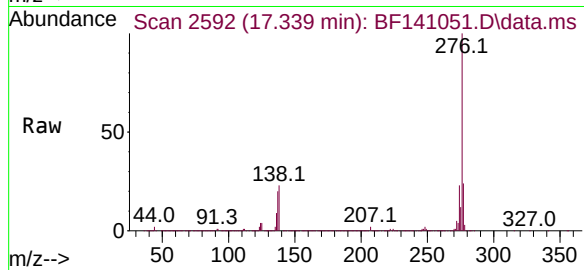
Acq: 31 Dec 2024 11:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20241219MSD



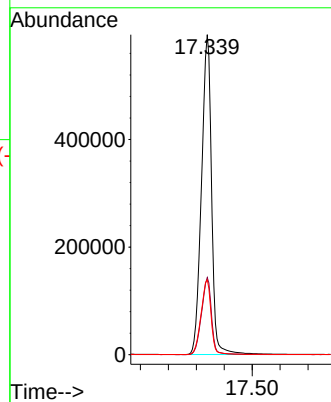
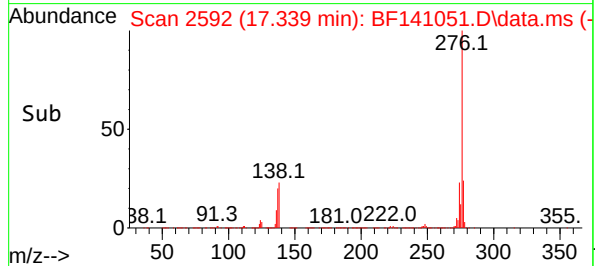
Tgt Ion:276 Resp: 1488983

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 23.4 19.4 29.2



Manual Integration Report

Sequence:

BF122624

Instrument

BNA_f

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



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

Manual Integration Report

Sequence:

BF123024

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB165894BS	BF141021.D	Caprolactam	Jagrut	12/31/2024 4:33:49 PM	mohammad	1/1/2025 7:15:14 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF123124

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P5362-02MS	BF141050.D	Caprolactam	Jagrut	12/31/2024 4:33:07 PM	mohammad	1/3/2025 12:31:08 AM	Peak Integrated by Software
P5362-02MSD	BF141051.D	Caprolactam	Jagrut	12/31/2024 4:33:09 PM	mohammad	1/3/2025 12:31:08 AM	Peak Integrated by Software
SSTDCCC040	BF141056.D	Caprolactam	Jagrut	1/2/2025 10:25:59 AM	mohammad	1/3/2025 12:31:08 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 # BF123024

Review By	Jagrut	Review On	12/31/2024 4:34:29 PM
Supervise By	mohammad	Supervise On	1/1/2025 7:15:14 AM
SubDirectory	BF123024	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	BF141018.D	30 Dec 2024 08:58	RC/JU	Ok
2	SSTDCCC040	BF141019.D	30 Dec 2024 09:24	RC/JU	Ok
3	PB165894BL	BF141020.D	30 Dec 2024 09:50	RC/JU	Ok
4	PB165894BS	BF141021.D	30 Dec 2024 10:17	RC/JU	Ok,M
5	PB165858TB	BF141022.D	30 Dec 2024 10:43	RC/JU	Ok
6	PB165875BS	BF141023.D	30 Dec 2024 11:10	RC/JU	Ok,M
7	PB165790BL	BF141024.D	30 Dec 2024 11:36	RC/JU	Ok
8	PB165875BSD	BF141025.D	30 Dec 2024 12:03	RC/JU	Ok,M
9	PB165875BL	BF141026.D	30 Dec 2024 12:30	RC/JU	Ok
10	PB165872BS	BF141027.D	30 Dec 2024 12:56	RC/JU	Ok,M
11	P5380-02	BF141028.D	30 Dec 2024 13:29	RC/JU	Ok
12	SSTDCCC040	BF141029.D	30 Dec 2024 14:01	RC/JU	Ok
13	DFTPP	BF141030.D	30 Dec 2024 14:54	RC/JU	Ok
14	SSTDCCC040	BF141031.D	30 Dec 2024 15:20	RC/JU	Ok
15	PB165900BL	BF141032.D	30 Dec 2024 15:47	RC/JU	Ok
16	P5362-02	BF141033.D	30 Dec 2024 16:20	RC/JU	Ok
17	P5362-02MS	BF141034.D	30 Dec 2024 16:47	RC/JU	Not Ok
18	P5362-02MSD	BF141035.D	30 Dec 2024 17:13	RC/JU	Not Ok
19	P5386-02	BF141036.D	30 Dec 2024 17:39	RC/JU	Ok
20	P5386-04	BF141037.D	30 Dec 2024 18:06	RC/JU	Ok
21	P5386-05	BF141038.D	30 Dec 2024 18:32	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF123024

Review By	Jagrut	Review On	12/31/2024 4:34:29 PM
Supervise By	mohammad	Supervise On	1/1/2025 7:15:14 AM
SubDirectory	BF123024	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	P5386-01	BF141039.D	30 Dec 2024 18:58	RC/JU	Ok
23	P5386-03	BF141040.D	30 Dec 2024 19:25	RC/JU	Ok
24	P5391-01	BF141041.D	30 Dec 2024 19:51	RC/JU	Ok,M
25	P5391-01MS	BF141042.D	30 Dec 2024 20:18	RC/JU	Ok,M
26	P5391-01MSD	BF141043.D	30 Dec 2024 20:44	RC/JU	Ok,M
27	P5390-01	BF141044.D	30 Dec 2024 21:11	RC/JU	Ok,M
28	P5318-01	BF141045.D	30 Dec 2024 21:37	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF123124

Review By	Jagrut	Review On	12/31/2024 4:33:25 PM
Supervise By	mohammad	Supervise On	1/3/2025 12:31:08 AM
SubDirectory	BF123124	HP Acquire Method	BNA_F
		HP Processing Method	bf122624
STD. NAME	STD REF.#		
Tune/Reschk	SP6701		
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	BF141046.D	31 Dec 2024 09:24	RC/JU	Ok
2	SSTDCCC040	BF141047.D	31 Dec 2024 09:50	RC/JU	Ok
3	PB165790BL	BF141048.D	31 Dec 2024 10:17	RC/JU	Ok
4	PB165900BS	BF141049.D	31 Dec 2024 10:44	RC/JU	Not Ok
5	P5362-02MS	BF141050.D	31 Dec 2024 11:23	RC/JU	Ok,M
6	P5362-02MSD	BF141051.D	31 Dec 2024 11:49	RC/JU	Ok,M
7	P5398-03	BF141052.D	31 Dec 2024 12:16	RC/JU	Ok
8	P5398-01	BF141053.D	31 Dec 2024 12:42	RC/JU	Ok,M
9	P5398-01MS	BF141054.D	31 Dec 2024 13:09	RC/JU	Ok,M
10	P5398-01MSD	BF141055.D	31 Dec 2024 13:35	RC/JU	Ok,M
11	SSTDCCC040	BF141056.D	31 Dec 2024 14:18	RC/JU	Ok,M

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 # BF123024

Review By	Jagrut	Review On	12/31/2024 4:34:29 PM				
Supervise By	mohammad	Supervise On	1/1/2025 7:15:14 AM				
SubDirectory	BF123024	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	BF141018.D	30 Dec 2024 08:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141019.D	30 Dec 2024 09:24		RC/JU	Ok
3	PB165894BL	PB165894BL	BF141020.D	30 Dec 2024 09:50		RC/JU	Ok
4	PB165894BS	PB165894BS	BF141021.D	30 Dec 2024 10:17		RC/JU	Ok,M
5	PB165858TB	PB165858TB	BF141022.D	30 Dec 2024 10:43		RC/JU	Ok
6	PB165875BS	PB165875BS	BF141023.D	30 Dec 2024 11:10		RC/JU	Ok,M
7	PB165790BL	PB165790BL	BF141024.D	30 Dec 2024 11:36		RC/JU	Ok
8	PB165875BSD	PB165875BSD	BF141025.D	30 Dec 2024 12:03		RC/JU	Ok,M
9	PB165875BL	PB165875BL	BF141026.D	30 Dec 2024 12:30		RC/JU	Ok
10	PB165872BS	PB165872BS	BF141027.D	30 Dec 2024 12:56		RC/JU	Ok,M
11	P5380-02	TAPIAL3-IDW-SOIL-12	BF141028.D	30 Dec 2024 13:29		RC/JU	Ok
12	SSTDCCC040	SSTDCCC040EC	BF141029.D	30 Dec 2024 14:01		RC/JU	Ok
13	DFTPP	DFTPP	BF141030.D	30 Dec 2024 14:54		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF141031.D	30 Dec 2024 15:20		RC/JU	Ok
15	PB165900BL	PB165900BL	BF141032.D	30 Dec 2024 15:47		RC/JU	Ok
16	P5362-02	WC-SOIL-20241219	BF141033.D	30 Dec 2024 16:20		RC/JU	Ok
17	P5362-02MS	WC-SOIL-20241219MS	BF141034.D	30 Dec 2024 16:47	END CCC Missing	RC/JU	Not Ok
18	P5362-02MSD	WC-SOIL-20241219MS	BF141035.D	30 Dec 2024 17:13	END CCC Missing	RC/JU	Not Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF123024

Review By	Jagrut	Review On	12/31/2024 4:34:29 PM		
Supervise By	mohammad	Supervise On	1/1/2025 7:15:14 AM		
SubDirectory	BF123024	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	P5386-02	MOO-24-00398	BF141036.D	30 Dec 2024 17:39		RC/JU	Ok
20	P5386-04	MOO-24-00395-96	BF141037.D	30 Dec 2024 18:06		RC/JU	Ok
21	P5386-05	MOO-24-00397	BF141038.D	30 Dec 2024 18:32		RC/JU	Ok
22	P5386-01	MOO-24-00398	BF141039.D	30 Dec 2024 18:58	Internal Standard Fail	RC/JU	Ok
23	P5386-03	MOO-24-00395-96	BF141040.D	30 Dec 2024 19:25	Internal Standard Fail	RC/JU	Ok
24	P5391-01	NB-07-12272024	BF141041.D	30 Dec 2024 19:51		RC/JU	Ok,M
25	P5391-01MS	NB-07-12272024MS	BF141042.D	30 Dec 2024 20:18		RC/JU	Ok,M
26	P5391-01MSD	NB-07-12272024MSD	BF141043.D	30 Dec 2024 20:44		RC/JU	Ok,M
27	P5390-01	EO-01-12272024	BF141044.D	30 Dec 2024 21:11		RC/JU	Ok,M
28	P5318-01	AU-06-122024	BF141045.D	30 Dec 2024 21:37	Internal Standard Fail	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF123124

Review By	Jagrut	Review On	12/31/2024 4:33:25 PM
Supervise By	mohammad	Supervise On	1/3/2025 12:31:08 AM
SubDirectory	BF123124	HP Acquire Method	BNA_F
		HP Processing Method	bf122624

STD. NAME	STD REF.#
Tune/Reschk	SP6701
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	BF141046.D	31 Dec 2024 09:24		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141047.D	31 Dec 2024 09:50		RC/JU	Ok
3	PB165790BL	PB165790BL	BF141048.D	31 Dec 2024 10:17		RC/JU	Ok
4	PB165900BS	PB165900BS	BF141049.D	31 Dec 2024 10:44	Surrogate Fail, Recovery Fail High For Many Compound	RC/JU	Not Ok
5	P5362-02MS	WC-SOIL-20241219MS	BF141050.D	31 Dec 2024 11:23		RC/JU	Ok,M
6	P5362-02MSD	WC-SOIL-20241219MS	BF141051.D	31 Dec 2024 11:49		RC/JU	Ok,M
7	P5398-03	352	BF141052.D	31 Dec 2024 12:16		RC/JU	Ok
8	P5398-01	341-349	BF141053.D	31 Dec 2024 12:42		RC/JU	Ok,M
9	P5398-01MS	341-349MS	BF141054.D	31 Dec 2024 13:09		RC/JU	Ok,M
10	P5398-01MSD	341-349MSD	BF141055.D	31 Dec 2024 13:35		RC/JU	Ok,M
11	SSTDCCC040	SSTDCCC040EC	BF141056.D	31 Dec 2024 14:18		RC/JU	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-15
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 114771

Start Prep Date : 12/26/2024 **Time :** 16:00
End Prep Date : 12/27/2024 **Time :** 10:15
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature: 22 °C
Final Room Temperature: 21 °C
TCLP Technician Signature : *JP*
Supervisor By : 12

Standardized Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP110801
HCL-TCLP,1N	N/A	WP110803
HNO3-TCLP,1N	N/A	WP110804
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	90424-08
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP83122

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. Tumbler T-1 checked, 30 rpm. p5386-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/27/24 10:00	<i>JP</i>	<i>Sig.</i>
10:30	Preparation Group	Analysis Group

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P5342-08	CHRT26634	01	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
P5342-09	HT2651	02	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
P5362-02	WC-SOIL-20241219	03	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
P5380-02	TAPIAL3-IDW-SOIL-122024-T1	04	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
P5386-02	MOO-24-00398	05	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
P5386-04	MOO-24-00395-96	06	100.01	2000	N/A	N/A	N/A	4.5	1.5	T-1
PB165858TB	LEB858	07	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P5342-08	CHRT26634	N/A	N/A	N/A	N/A	100	N/A
P5342-09	HT2651	N/A	N/A	N/A	N/A	100	N/A
P5362-02	WC-SOIL-20241219	N/A	N/A	N/A	N/A	100	N/A
P5380-02	TAPIAL3-IDW-SOIL-122024-T1	N/A	N/A	N/A	N/A	100	N/A
P5386-02	MOO-24-00398	N/A	N/A	N/A	N/A	100	N/A
P5386-04	MOO-24-00395-96	N/A	N/A	N/A	N/A	100	N/A
PB165858TB	LEB858	N/A	N/A	N/A	N/A	N/A	N/A

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
P5342-08	CHRT26634	5.02	96.5	6.6	2.5	#1	4.93
P5342-09	HT2651	5.03	96.5	6.2	2.5	#1	4.93
P5362-02	WC-SOIL-20241219	5.02	96.5	7.6	3.0	#1	4.93
P5380-02	TAPIAL3-IDW-SOIL-122024-T1	5.01	96.5	10.5	4.0	#1	4.93
P5386-02	MOO-24-00398	5.02	96.5	6.8	2.5	#1	4.93
P5386-04	MOO-24-00395-96	5.00	96.5	7.0	2.5	#1	4.93
PB165858TB	LEB858	N/A	N/A	N/A	N/A	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip p5380 WorkList ID : 186583 Department : TCLP Extraction Date : 12-26-2024 07:38:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5342-08	CHRT26634	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N12	12/18/2024	1311
P5342-09	HT2651	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N12	12/18/2024	1311
P5362-02	WC-SOIL-20241219	Solid	TCLP Extraction	Cool 4 deg C	PARS02	N21	12/19/2024	1311
P5380-02	TAPIAL3-IDW-SOIL-122024-T1	Solid	TCLP Extraction	Cool 4 deg C	WEST04	N31	12/20/2024	1311
P5386-02	MOO-24-00398	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	12/26/2024	1311
P5386-04	MOO-24-00395-96	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	12/26/2024	1311

Date/Time 12/26/24 15130
Raw Sample Received by: SA WDC,
Raw Sample Relinquished by: gm/sml

Date/Time 12/26/24 17130
Raw Sample Received by: gm/sml
Raw Sample Relinquished by: gm/sml

SOP ID:	M3510C,3580A-Extraction SVOC-20		
Clean Up SOP #:	N/A	Extraction Start Date :	12/27/2024
Matrix :	Water	Extraction Start Time :	10:25
Weigh By:	N/A	Extraction By:	RJ
Balance check:	N/A	Filter By:	RJ
Balance ID:	N/A	Extraction End Date :	12/27/2024
pH Strip Lot#:	E3574	Extraction End Time :	15:25
		Concentration By:	EH
		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
Methylene Chloride	N/A	e3848
Baked Na2SO4	N/A	EP2573
10N NaOH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. pH Adjusted <2 with 1:1 H2SO4 & >11 with 10N NaOH.

KD Bath ID:	WATER BATH-1,2	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/27/24	RP (Ext Lab)	AC/SVOC
15:30	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 12/27/2024

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165858TB	PB165858TB	TCLP BNA	100	6	ritesh	rajesh	1			SEP-08
PB165894BL	PB165894BL	TCLP BNA	1000	6	ritesh	rajesh	1			9
PB165894BS	PB165894BS	TCLP BNA	1000	6	ritesh	rajesh	1			10
P5362-02	WC-SOIL-20241219	TCLP BNA	100	6	ritesh	rajesh	1	A		11
P5362-02MS	WC-SOIL-20241219MS	TCLP BNA	100	6	ritesh	rajesh	1	A		12
P5362-02MS D	WC-SOIL-20241219MSD	TCLP BNA	100	6	ritesh	rajesh	1	A		13
P5380-02	TAPIAL3-IDW-SOIL-1220 24-T1	TCLP BNA	100	6	ritesh	rajesh	1	A		14
P5386-02	MOO-24-00398	TCLP BNA	100	6	ritesh	rajesh	1	A		15
P5386-04	MOO-24-00395-96	TCLP BNA	100	6	ritesh	rajesh	1	A		16

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P5342-08	CHRT26634	01	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
P5342-09	HT2651	02	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
P5362-02	WC-SOIL-20241219	03	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
P5380-02	TAPIAL3-IDW-SOIL-122024-T1	04	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
P5386-02	MOO-24-00398	05	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
P5386-04	MOO-24-00395-96	06	100.01	2000	N/A	N/A	N/A	4.5	1.5	T-1
PB165858TB	LEB858	07	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1

12/27/24

10:00



SHIPPING DOCUMENTS

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

2041513

P5362

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ParsonsADDRESS: 301 Plainfield RoadCITY Syracuse STATE: NY ZIP: 13212ATTENTION: Stephen LiberatorePHONE: (315) 418-8767 FAX: —

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed East River SIPROJECT NO.: 453648 LOCATION: ManhattanPROJECT MANAGER: S. Liberatore NYe-mail: Stephen.Liberatore@parsons.comPHONE: (315) 418-8767 FAX: —

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#: 453648ADDRESS: 301 Plainfield RoadCITY Syracuse STATE: NY ZIP: 13212ATTENTION: S. Liberatore PHONE: (315) 418-8767

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5-day rush DAYS*HARDCOPY (DATA PACKAGE): 5-day rush DAYS*EDD: 5-day rush 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

VOCs, SVOCs
TAL metals
PCBS, TPH
TCLP VOCs, TCLP SVOCs
TCLP metals
TCLP pest. TCLP herb
Ignitability, reactivity
Corrosivity, pH

CHEMTECH
SAMPLE
IDPROJECT
SAMPLE IDENTIFICATIONSAMPLE
MATRIXSAMPLE
TYPE
COMP GRABSAMPLE
COLLECTION
DATE TIME

OF BOTTLES

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.WC-Soil - 2024/12/19SoilX12/19/24143014XXXXXXXXXXXXX

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

1. K. Walenta12-19-24/1630[Signature]

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

Conditions of bottles or coolers at receipt:

☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP5.1 °C

Comments:

Page ____ of ____

CLIENT:

☐ Hand Delivered ☐ Other

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 : P5362 PARS02

Order Date : 12/20/2024 10:07:00 AM

Project Mgr :

Client Name : PARSONS Main of New Yc

Project Name : Con Edison Non-MGP - Ea

Report Type : Results Only

Client Contact : Stephen Liberatore

Receive DateTime : 12/19/2024 4:30:00 PM

EDD Type : NYSDEC EDD V-4

Invoice Name : PARSONS Main of New Yc

Purchase Order :

Hard Copy Date :

Invoice Contact : Stephen Liberatore

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5362-01	WC-SOIL-20241219	Solid	12/19/2024	14:30	VOC-TCLVOA-10		8260D		5 Bus. Days

Relinquished By :

Date / Time :

12-20-24 11:00

Received By :

Date / Time :

12/20/24 11:00 *Sam* *Reg H 6* *F22*

Storage Area : VOA Refridgerator Room