

Cover Page

Order ID : P5117

Project ID : Ft Meade Tipton Airfield Parcel RI - PO 0111169

Client : Weston Solutions

Lab Sample Number

P5117-01
P5117-02

Client Sample Number

TAPIAL3-SB04I-10-120324-00-T1
TAPIAL2-IDW-SOIL-120424-00-T2

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: 12/17/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Weston Solutions

Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169

Project # N/A

Chemtech Project # P5117

Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Anions Group1, Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TOC and TS. 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.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD for {P5095-04MSD} with File ID: BF140792.D met criteria except for Nitrobenzene[22%] due to difference in results of MS and MSD.

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

The not QT review data is reported in the Miscellaneous.

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. Concentration of Water Sample:

$$\text{Concentration ug/L} = \frac{(Ax) (Is) (Vt) (DF) (GPC)}{(Ais) (RRF) (Vo) (Vi)}$$

Where,

Ax = Area of the characteristic ion for the compound to be measured.

Ais = Area of the characteristic ion for the internal standard.

Is = Amount of internal standard injected in ng.

Vo = Volume of water extracted in mL.

Vi = Volume of extract injected in uL.

Vt = Volume of the concentrated extract in uL

RRF = Mean Relative Response Factor determined from the initial calibration standard.

GPC = $\frac{V_{in}}{V_{out}}$ = GPC factor (If no GPC is performed, GPC=1)

G. 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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: P5117

MATRIX: TCLP

METHOD: 8270E/3510/1311

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all samples . The RPD for {P5095-04MSD} with File ID: BF140792.D met criteria except for Nitrobenzene[22%] due to difference in results of MS and MSD.			✓
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓

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NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

(CONTINUED)

		NA	NO	YES
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

The not QT review data is reported in the Miscellaneous.

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.

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5117

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/17/2024

LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-02	TAPIAL2-IDW-SOIL-1 20424-00-T2	TCLP			12/05/24			12/05/24
			TCLP BNA	8270E		12/06/24	12/09/24	



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Hit Summary Sheet
SW-846

SDG No.: P5117
Client: Weston Solutions

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: P5117

Client: Weston Solutions

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P5095-04MS	MH-764MS	2-Fluorophenol	150	128	86		19	119
		Phenol-d6	150	118	79		10	130
		Nitrobenzene-d5	100	88.2	88		44	120
		2-Fluorobiphenyl	100	89.2	89		44	119
		2,4,6-Tribromophenol	150	134	89		43	140
		Terphenyl-d14	100	100	100		50	134
P5095-04MSD	MH-764MSD	2-Fluorophenol	150	150	100		19	119
		Phenol-d6	150	136	91		10	130
		Nitrobenzene-d5	100	108	108		44	120
		2-Fluorobiphenyl	100	112	112		44	119
		2,4,6-Tribromophenol	150	166	111		43	140
		Terphenyl-d14	100	117	117		50	134
P5117-02	TAPIAL2-IDW-SOIL-120424-00-T2	2-Fluorophenol	150	127	85		19	119
		Phenol-d6	150	117	78		10	130
		Nitrobenzene-d5	100	89.3	89		44	120
		2-Fluorobiphenyl	100	93.9	94		44	119
		2,4,6-Tribromophenol	150	138	92		43	140
		Terphenyl-d14	100	93.1	93		50	134
PB165390TB	PB165390TB	2-Fluorophenol	150	149	100		19	119
		Phenol-d6	150	147	98		10	130
		Nitrobenzene-d5	100	98.3	98		44	120
		2-Fluorobiphenyl	100	101	101		44	119
		2,4,6-Tribromophenol	150	153	102		43	140
		Terphenyl-d14	100	90.7	91		50	134
PB165435BL	PB165435BL	2-Fluorophenol	150	159	106		19	119
		Phenol-d6	150	154	103		10	130
		Nitrobenzene-d5	100	103	103		44	120
		2-Fluorobiphenyl	100	107	107		44	119
		2,4,6-Tribromophenol	150	159	106		43	140
		Terphenyl-d14	100	99.0	99		50	134
PB165435BS	PB165435BS	2-Fluorophenol	150	141	94		19	119
		Phenol-d6	150	138	92		10	130
		Nitrobenzene-d5	100	94.0	94		44	120
		2-Fluorobiphenyl	100	97.2	97		44	119
		2,4,6-Tribromophenol	150	148	99		43	140
		Terphenyl-d14	100	94.4	94		50	134

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5117

Client: Weston Solutions

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5095-04MS	Client Sample ID:	MH-764MS					DataFile:	BF140791.D		
Pyridine	500	0	320	ug/L	64				10	153	
1,4-Dichlorobenzene	500	0	410	ug/L	82				29	112	
2-Methylphenol	500	0	460	ug/L	92				30	117	
3+4-Methylphenols	500	0	480	ug/L	96				29	110	
Hexachloroethane	500	0	390	ug/L	78				21	115	
Nitrobenzene	500	0	410	ug/L	82				45	121	
Hexachlorobutadiene	500	0	410	ug/L	82				22	124	
2,4,6-Trichlorophenol	500	0	450	ug/L	90				50	125	
2,4,5-Trichlorophenol	500	0	440	ug/L	88				53	123	
2,4-Dinitrotoluene	500	0	460	ug/L	92				57	128	
Hexachlorobenzene	500	0	460	ug/L	92				53	125	
Pentachlorophenol	1000	0	880	ug/L	88				35	138	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5117

Client: Weston Solutions

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5095-04MSD	Client Sample ID:	MH-764MSD					DataFile:	BF140792.D		
Pyridine	500	0	390	ug/L	78		20		10	153	20
1,4-Dichlorobenzene	500	0	460	ug/L	92		11		29	112	20
2-Methylphenol	500	0	530	ug/L	106		14		30	117	20
3+4-Methylphenols	500	0	540	ug/L	108		12		29	110	20
Hexachloroethane	500	0	450	ug/L	90		14		21	115	20
Nitrobenzene	500	0	510	ug/L	102		22	*	45	121	20
Hexachlorobutadiene	500	0	480	ug/L	96		16		22	124	20
2,4,6-Trichlorophenol	500	0	550	ug/L	110		20		50	125	20
2,4,5-Trichlorophenol	500	0	540	ug/L	108		20		53	123	20
2,4-Dinitrotoluene	500	0	550	ug/L	110		18		57	128	20
Hexachlorobenzene	500	0	550	ug/L	110		18		53	125	20
Pentachlorophenol	1000	0	990	ug/L	99		12		35	138	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5117

Client: Weston Solutions

Analytical Method: 8270E DataFile: BF140788.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165435BS	Pyridine	50	46.6	ug/L	93				10	153	
	1,4-Dichlorobenzene	50	45.1	ug/L	90				29	112	
	2-Methylphenol	50	47.7	ug/L	95				30	117	
	3+4-Methylphenols	50	49.5	ug/L	99				29	110	
	Hexachloroethane	50	45.2	ug/L	90				21	115	
	Nitrobenzene	50	45.1	ug/L	90				45	121	
	Hexachlorobutadiene	50	45.1	ug/L	90				22	124	
	2,4,6-Trichlorophenol	50	47.0	ug/L	94				50	125	
	2,4,5-Trichlorophenol	50	46.1	ug/L	92				53	123	
	2,4-Dinitrotoluene	50	48.4	ug/L	97				57	128	
	Hexachlorobenzene	50	46.8	ug/L	94				53	125	
	Pentachlorophenol	100	81.5	ug/L	82				35	138	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165435BL

Lab Name: CHEMTECH

Contract: WEST04

Lab Code: CHEM Case No.: P5117

SAS No.: P5117 SDG NO.: P5117

Lab File ID: BF140787.D

Lab Sample ID: PB165435BL

Instrument ID: BNA_F

Date Extracted: 12/06/2024

Matrix: (soil/water) water

Date Analyzed: 12/09/2024

Level: (low/med) LOW

Time Analyzed: 14:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165435BS	PB165435BS	BF140788.D	12/09/2024
PB165390TB	PB165390TB	BF140789.D	12/09/2024
TAPIAL2-IDW-SOIL-120424-00-T2	P5117-02	BF140790.D	12/09/2024
MH-764MS	P5095-04MS	BF140791.D	12/09/2024
MH-764MSD	P5095-04MSD	BF140792.D	12/09/2024

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: WEST04Lab Code: CHEMSAS No.: P5117 SDG NO.: P5117Lab File ID: BF140526.DDFTPP Injection Date: 11/21/2024Instrument ID: BNA_FDFTPP Injection Time: 10:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.3
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35.5
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	48
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	29.2
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.1 (18.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF140528.D	11/21/2024	11:13
SSTDICC005	SSTDICC005	BF140529.D	11/21/2024	11:39
SSTDICC010	SSTDICC010	BF140530.D	11/21/2024	12:05
SSTDICC020	SSTDICC020	BF140531.D	11/21/2024	12:32
SSTDICCC040	SSTDICCC040	BF140532.D	11/21/2024	12:58
SSTDICC050	SSTDICC050	BF140533.D	11/21/2024	13:25
SSTDICC060	SSTDICC060	BF140534.D	11/21/2024	13:51
SSTDICC080	SSTDICC080	BF140535.D	11/21/2024	14:18



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: WEST04Lab Code: CHEMSAS No.: P5117 SDG NO.: P5117Lab File ID: BF140782.DDFTPP Injection Date: 12/09/2024Instrument ID: BNA_FDFTPP Injection Time: 11:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.3 (0.8) 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	6.7
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.1 (18.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140783.D	12/09/2024	12:21
PB165435BL	PB165435BL	BF140787.D	12/09/2024	14:05
PB165435BS	PB165435BS	BF140788.D	12/09/2024	14:31
PB165390TB	PB165390TB	BF140789.D	12/09/2024	14:58
TAPIAL2-IDW-SOIL-120424-00-T2	P5117-02	BF140790.D	12/09/2024	15:29
MH-764MS	P5095-04MS	BF140791.D	12/09/2024	15:55
MH-764MSD	P5095-04MSD	BF140792.D	12/09/2024	16:22
SSTDCCC040EC	SSTDCCC040	BF140793.D	12/09/2024	16:54

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5117 SAS No.: P5117 SDG NO.: P5117

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/09/2024

Lab File ID: BF140783.D Time Analyzed: 12:21

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	92885	6.863	346239	8.15	189814	9.90
UPPER LIMIT	185770	7.363	692478	8.645	379628	10.404
LOWER LIMIT	46442.5	6.363	173120	7.645	94907	9.404
EPA SAMPLE NO.						
01 MH-764MS	79701	6.86	316728	8.15	186143	9.90
02 MH-764MSD	63535	6.86	235636	8.15	128638	9.90
03 TAPIAL2-IDW-SOIL-120424-00-T2	73927	6.86	273491	8.15	145627	9.90
04 PB165390TB	81916	6.86	312242	8.15	173398	9.90
05 PB165435BL	64208	6.86	244060	8.15	138194	9.90
06 PB165435BS	73132	6.86	268344	8.15	151024	9.90

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.: P5117 SAS No.: P5117 SDG NO.: P5117

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/09/2024

Lab File ID: BF140783.D Time Analyzed: 12:21

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	363500	11.398	224946	14.051	187010	15.551
UPPER LIMIT	727000	11.898	449892	14.551	374020	16.051
LOWER LIMIT	181750	10.898	112473	13.551	93505	15.051
EPA SAMPLE NO.						
01 MH-764MS	339098	11.39	172761	14.05	180382	15.55
02 MH-764MSD	239472	11.39	124543	14.05	130200	15.55
03 TAPIAL2-IDW-SOIL-120424-00	269317	11.39	149997	14.05	152646	15.55
04 PB165390TB	343254	11.39	238978	14.05	186251	15.55
05 PB165435BL	265718	11.39	179670	14.05	141543	15.56
06 PB165435BS	291303	11.40	190407	14.05	142298	15.56

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:	Weston Solutions	Date Collected:	12/05/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	P5117
Lab Sample ID:	P5117-02	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
BF140790.D	1	12/06/24 10:45	12/09/24 15:29	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	40.0	U	15.5	40.0	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	40.0	U	8.40	40.0	50.0	ug/L
95-48-7	2-Methylphenol	40.0	U	11.3	40.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	80.0	U	11.5	80.0	100	ug/L
67-72-1	Hexachloroethane	40.0	U	10.1	40.0	50.0	ug/L
98-95-3	Nitrobenzene	40.0	U	12.7	40.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	40.0	U	12.7	40.0	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	40.0	U	8.90	40.0	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	40.0	U	10.1	40.0	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	40.0	U	15.2	40.0	50.0	ug/L
118-74-1	Hexachlorobenzene	40.0	U	11.4	40.0	50.0	ug/L
87-86-5	Pentachlorophenol	80.0	U	18.5	80.0	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127		19 - 119		85%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 130		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.3		44 - 120		89%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.9		44 - 119		94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		43 - 140		92%	SPK: 150
1718-51-0	Terphenyl-d14	93.1		50 - 134		93%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73900	6.863				
1146-65-2	Naphthalene-d8	273000	8.145				
15067-26-2	Acenaphthene-d10	146000	9.898				
1517-22-2	Phenanthrene-d10	269000	11.392				
1719-03-5	Chrysene-d12	150000	14.045				
1520-96-3	Perylene-d12	153000	15.551				

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/05/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	P5117
Lab Sample ID:	P5117-02	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
BF140790.D	1	12/06/24 10:45	12/09/24 15:29	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF120924\
Data File : BF140790.D
Acq On : 09 Dec 2024 15:29
Operator : RC/JU
Sample : P5117-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

Quant Time: Dec 09 16:50:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73927	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	273491	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	145627	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	269317	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	149997	20.000	ng	0.00
86) Perylene-d12	15.551	264	152646	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	552001	127.400	ng	0.01
7) Phenol-d6	6.510	99	667523	116.535	ng	0.00
23) Nitrobenzene-d5	7.428	82	477264	89.261	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	215076	138.091	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	917382	93.859	ng	-0.02
79) Terphenyl-d14	12.980	244	897296	93.149	ng	-0.01

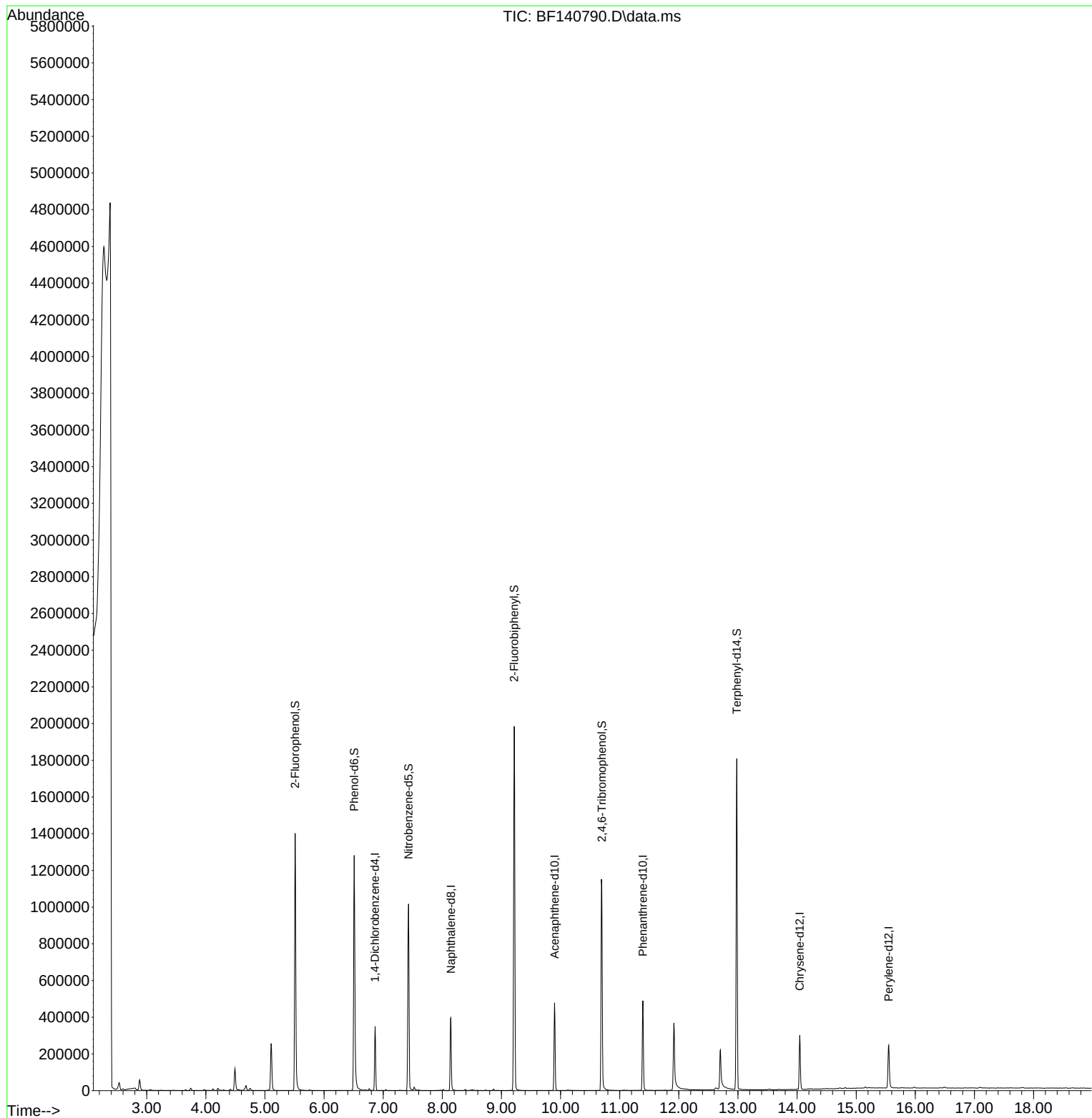
Target Compounds	Qvalue

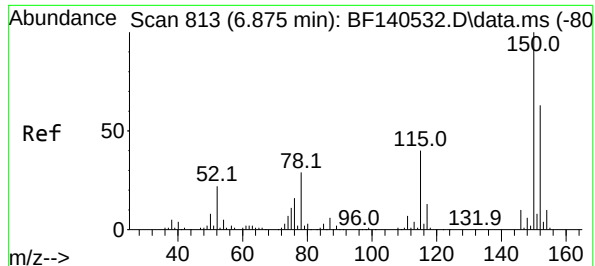
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140790.D
Acq On : 09 Dec 2024 15:29
Operator : RC/JU
Sample : P5117-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

Quant Time: Dec 09 16:50:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

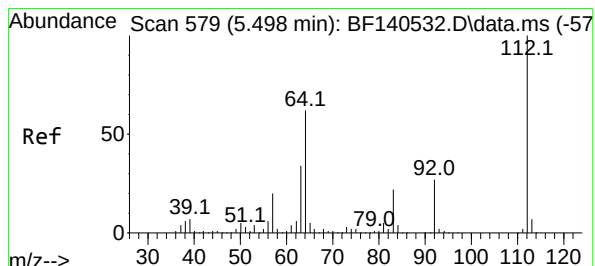
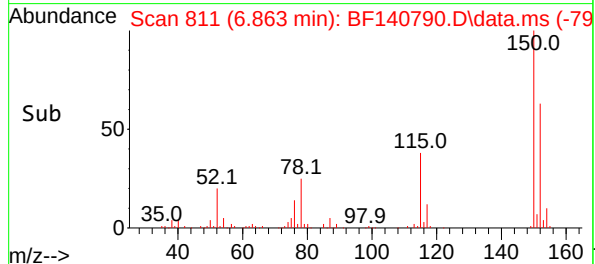
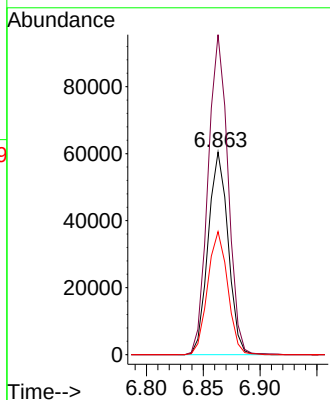
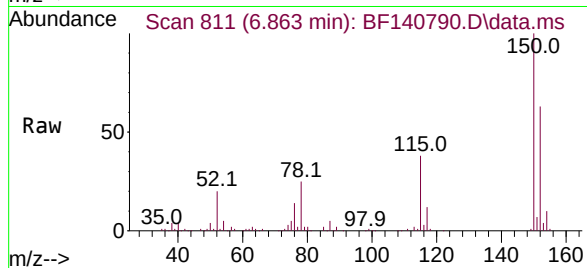




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

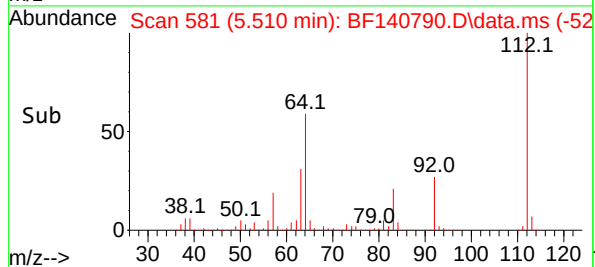
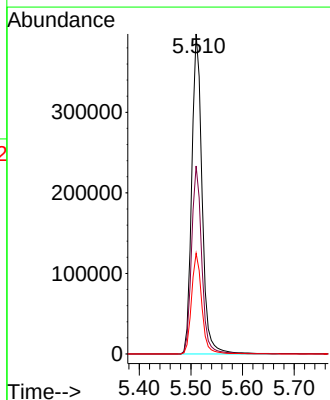
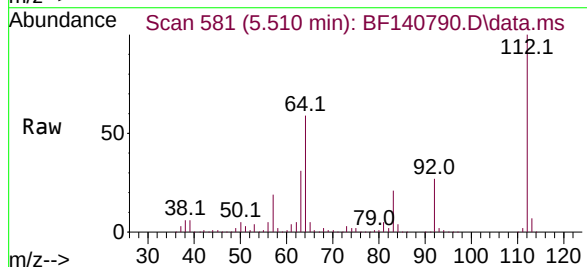
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

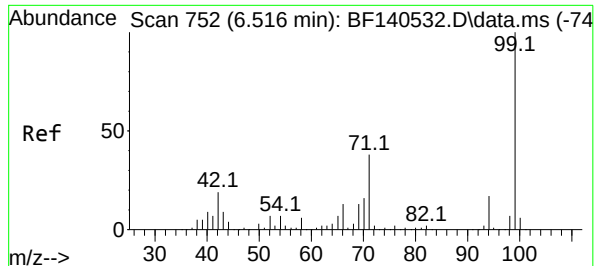
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	128.5	192.7
115	60.7	50.2	75.4



#5
2-Fluorophenol
Concen: 127.400 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.2	73.8
63	31.5	27.0	40.4

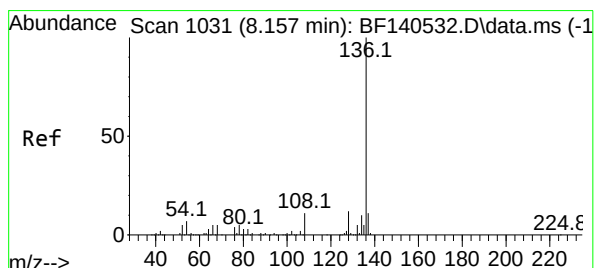
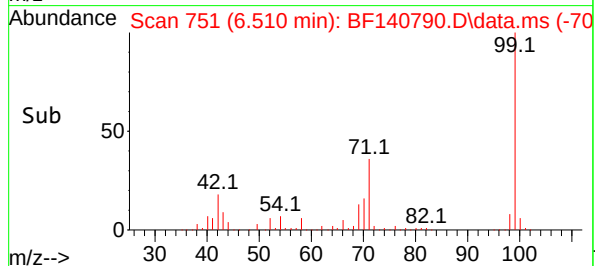
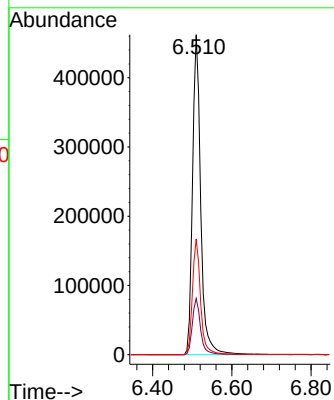
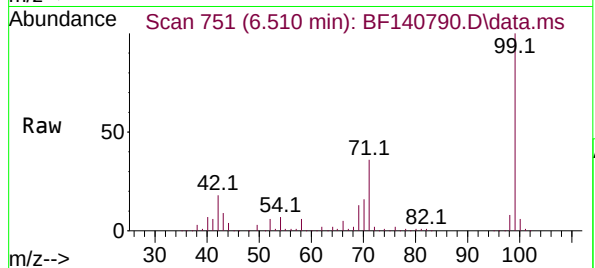




#7
Phenol-d6
Concen: 116.535 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

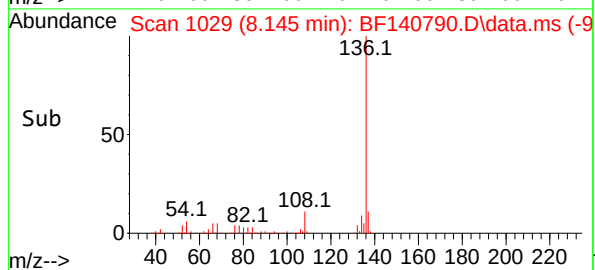
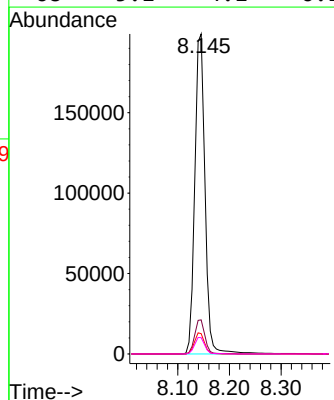
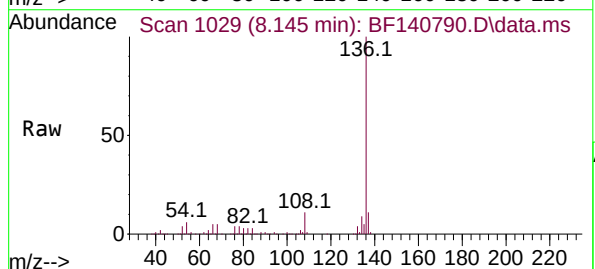
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

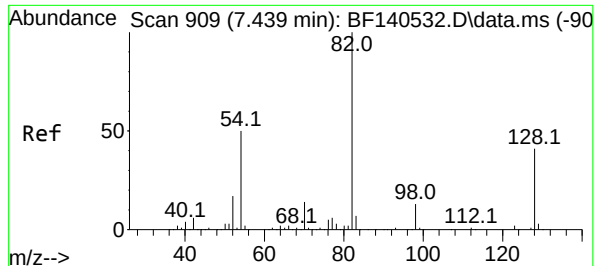
Tgt Ion: 99 Resp: 667523
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

Tgt Ion: 136 Resp: 273491
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.3 5.8 8.8
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 89.261 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140790.D

Acq: 09 Dec 2024 15:29

Instrument :

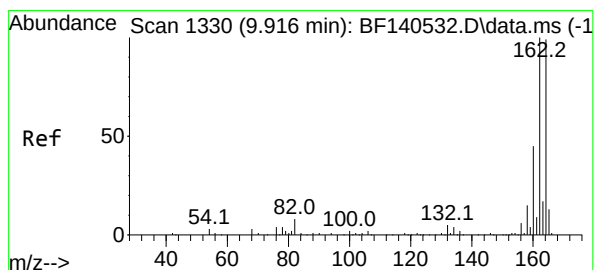
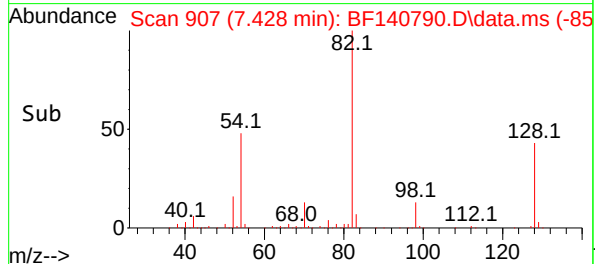
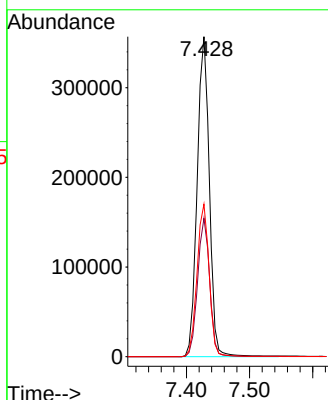
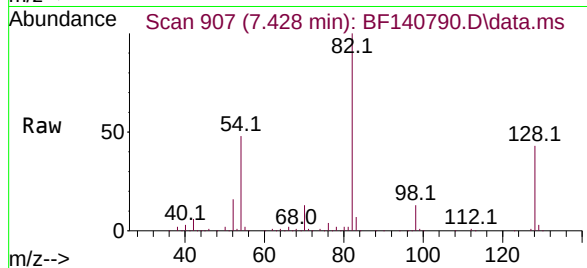
BNA_F

ClientSampleId :

TAPIAL2-IDW-SOIL-120424-00-T2

Tgt Ion: 82 Resp: 477264

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	47.6	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

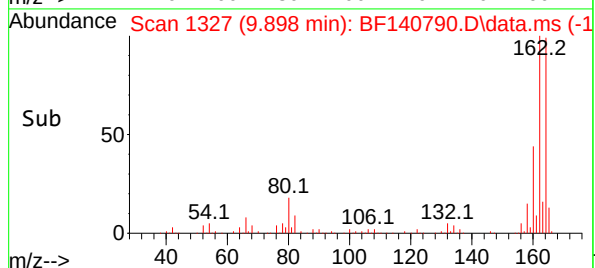
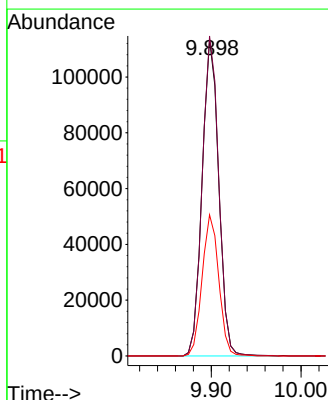
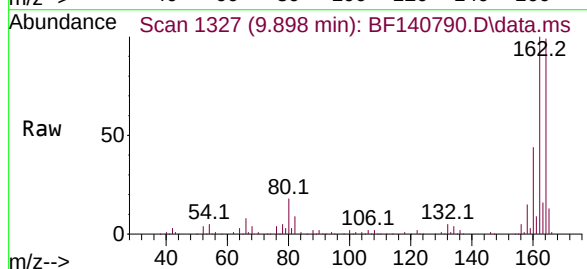
Delta R.T. -0.018 min

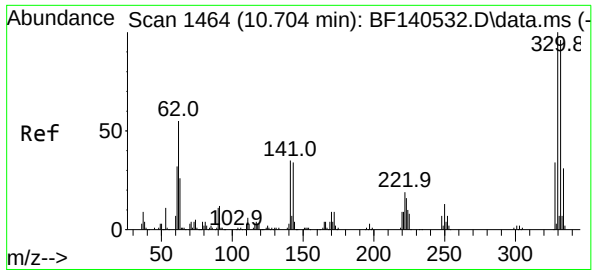
Lab File: BF140790.D

Acq: 09 Dec 2024 15:29

Tgt Ion:164 Resp: 145627

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	44.6	36.2	54.4

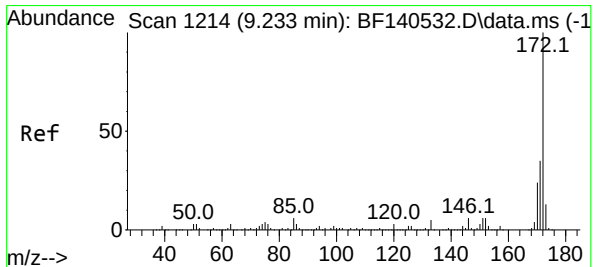
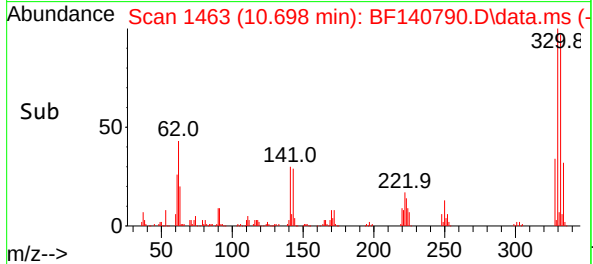
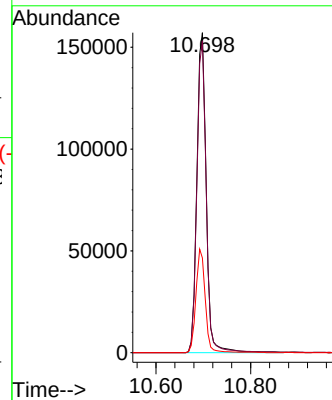
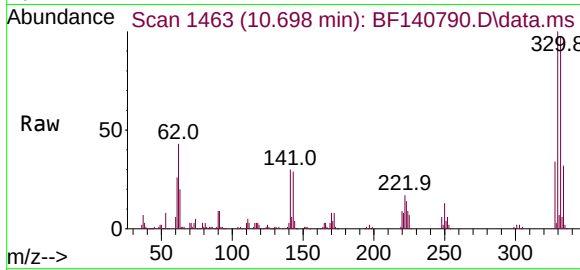




#42
2,4,6-Tribromophenol
Concen: 138.091 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

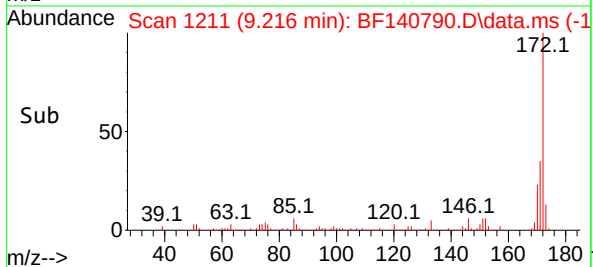
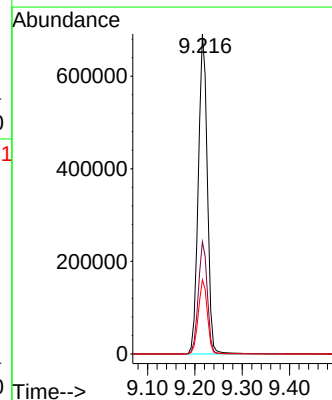
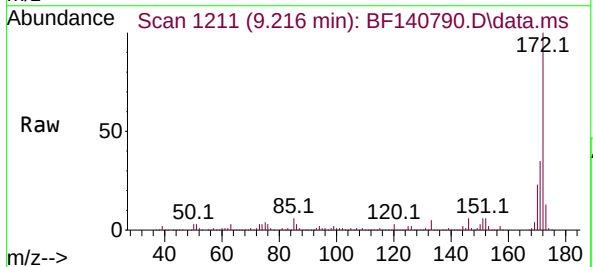
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

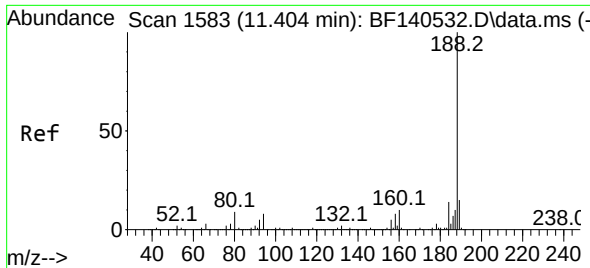
Tgt Ion: 330 Resp: 215076
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 32.2 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 93.859 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

Tgt Ion: 172 Resp: 917382
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.1 19.0 28.6

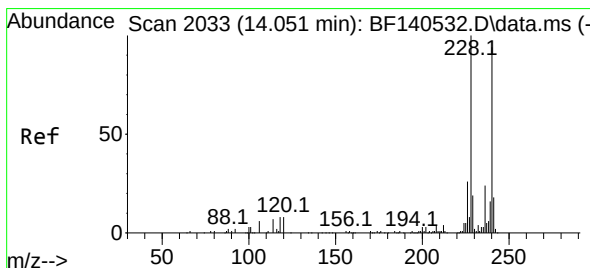
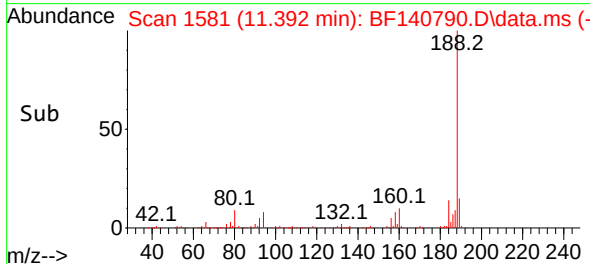
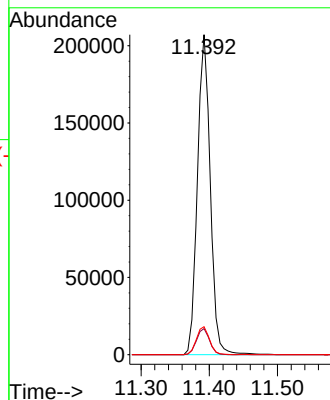
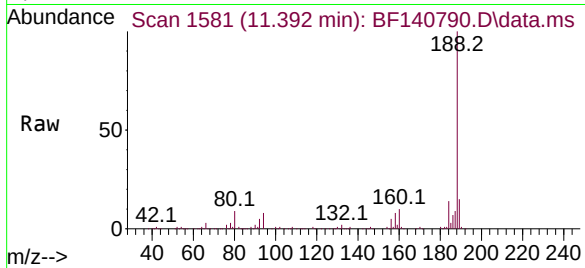




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

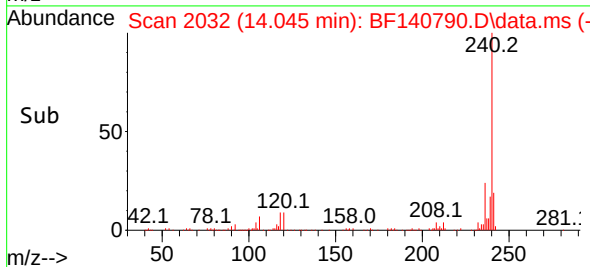
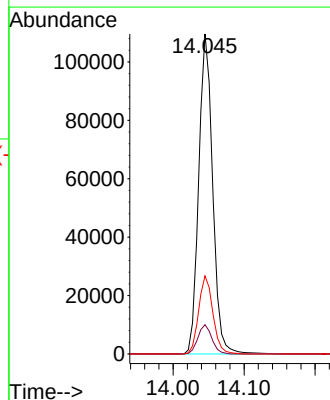
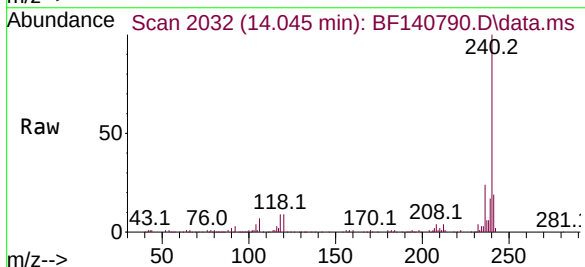
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

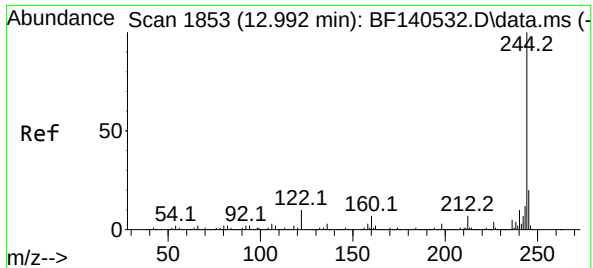
Tgt Ion:188 Resp: 269317
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

Tgt Ion:240 Resp: 149997
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 24.4 20.6 31.0

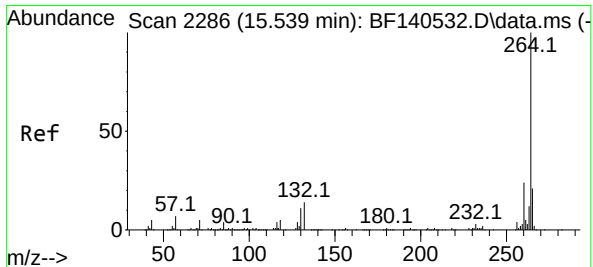
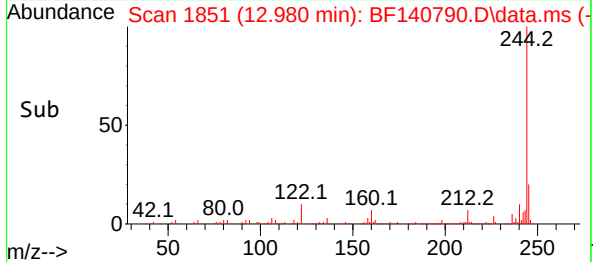
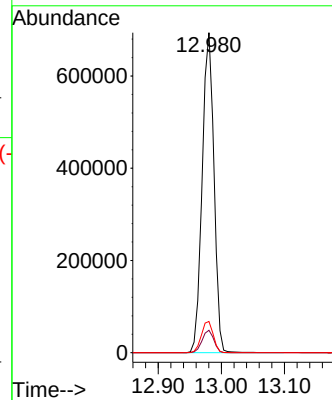
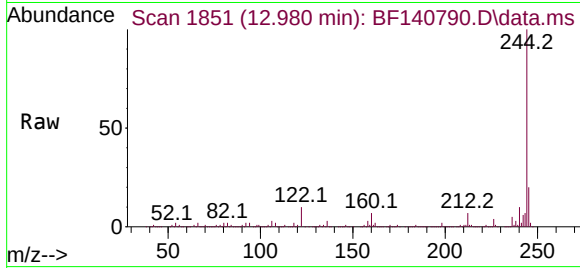




#79
Terphenyl-d14
Concen: 93.149 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

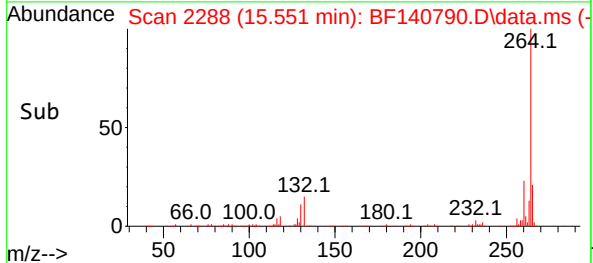
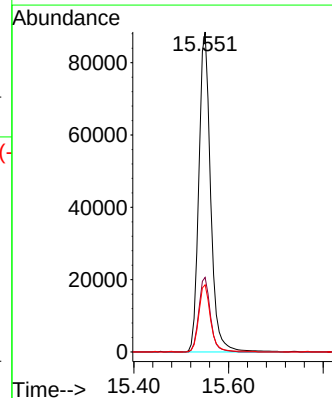
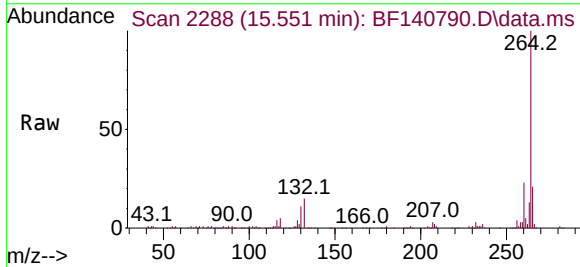
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-IDW-SOIL-120424-00-T2

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.8	8.0	12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140790.D
Acq: 09 Dec 2024 15:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.0	16.6	25.0



Report of Analysis

Client:	Weston Solutions	Date Collected:	12/06/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/06/24
Client Sample ID:	PB165390TB	SDG No.:	P5117
Lab Sample ID:	PB165390TB	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
BF140789.D	1	12/06/24 10:45	12/09/24 14:58	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	40.0	U	15.5	40.0	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	40.0	U	8.40	40.0	50.0	ug/L
95-48-7	2-Methylphenol	40.0	U	11.3	40.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	80.0	U	11.5	80.0	100	ug/L
67-72-1	Hexachloroethane	40.0	U	10.1	40.0	50.0	ug/L
98-95-3	Nitrobenzene	40.0	U	12.7	40.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	40.0	U	12.7	40.0	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	40.0	U	8.90	40.0	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	40.0	U	10.1	40.0	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	40.0	U	15.2	40.0	50.0	ug/L
118-74-1	Hexachlorobenzene	40.0	U	11.4	40.0	50.0	ug/L
87-86-5	Pentachlorophenol	80.0	U	18.5	80.0	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	149		19 - 119		100%	SPK: 150
13127-88-3	Phenol-d6	147		10 - 130		98%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.3		44 - 120		98%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		44 - 119		101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		43 - 140		102%	SPK: 150
1718-51-0	Terphenyl-d14	90.7		50 - 134		91%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81900	6.863				
1146-65-2	Naphthalene-d8	312000	8.145				
15067-26-2	Acenaphthene-d10	173000	9.898				
1517-22-2	Phenanthrene-d10	343000	11.392				
1719-03-5	Chrysene-d12	239000	14.045				
1520-96-3	Perylene-d12	186000	15.545				

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/06/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/06/24
Client Sample ID:	PB165390TB	SDG No.:	P5117
Lab Sample ID:	PB165390TB	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
BF140789.D	1	12/06/24 10:45	12/09/24 14:58	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF120924\
Data File : BF140789.D
Acq On : 09 Dec 2024 14:58
Operator : RC/JU
Sample : PB165390TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165390TB

Quant Time: Dec 09 16:21:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81916	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	312242	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	173398	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	343254	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	238978	20.000	ng	0.00
86) Perylene-d12	15.545	264	186251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	716618	149.263	ng	0.01
7) Phenol-d6	6.510	99	930847	146.657	ng	0.00
23) Nitrobenzene-d5	7.428	82	600096	98.305	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	282961	152.580	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1172778	100.772	ng	-0.02
79) Terphenyl-d14	12.980	244	1392656	90.743	ng	-0.01

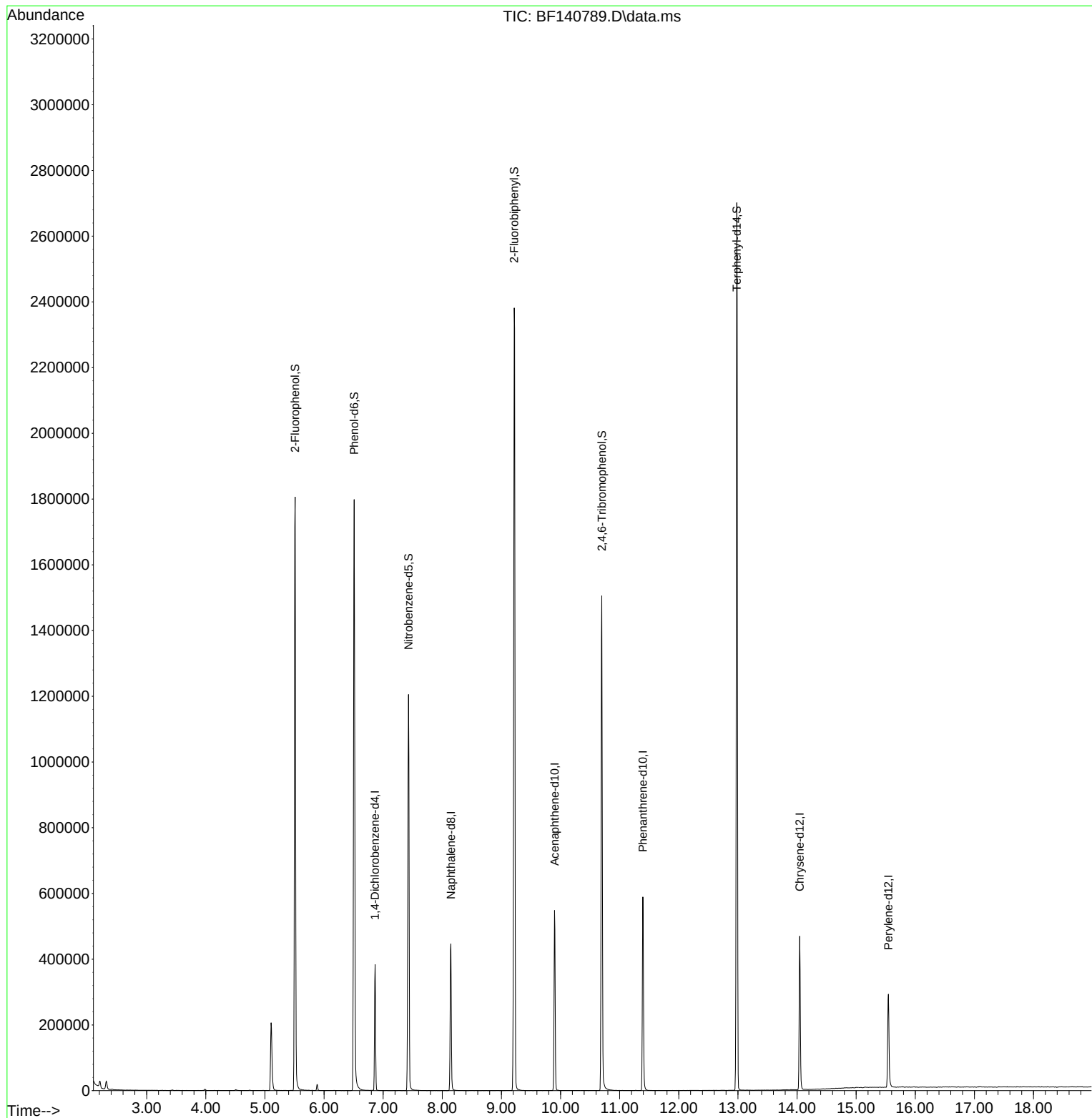
Target Compounds	Qvalue

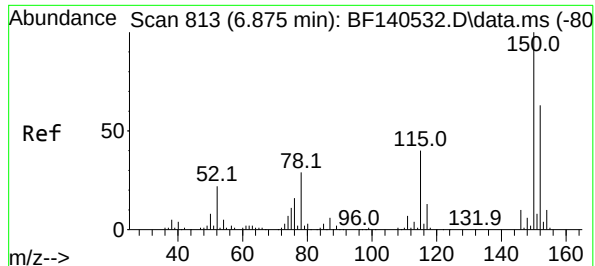
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140789.D
Acq On : 09 Dec 2024 14:58
Operator : RC/JU
Sample : PB165390TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165390TB

Quant Time: Dec 09 16:21:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

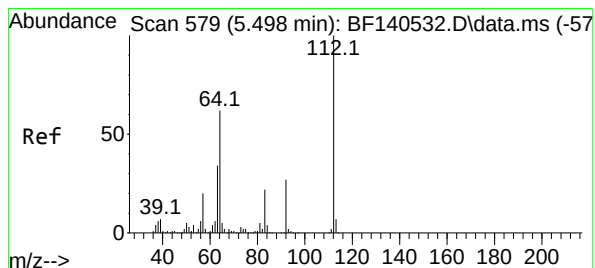
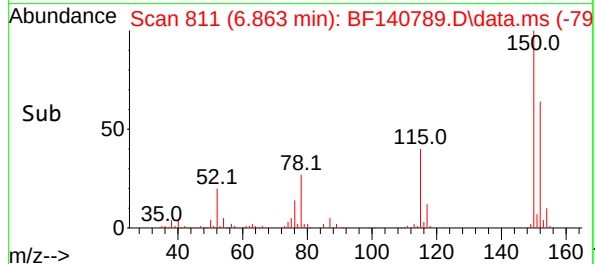
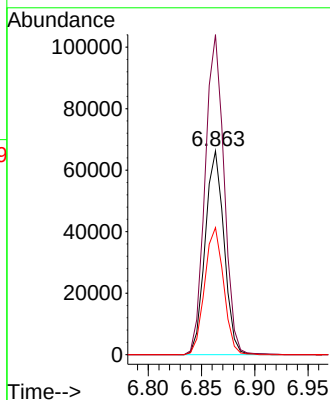
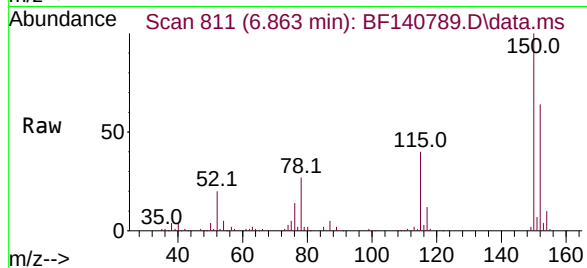




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

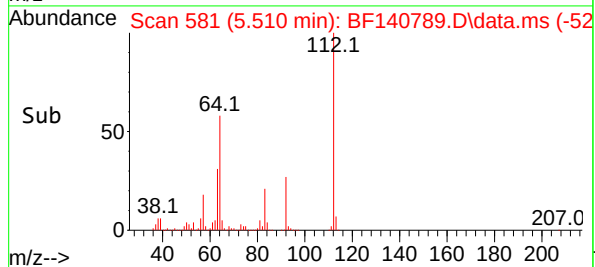
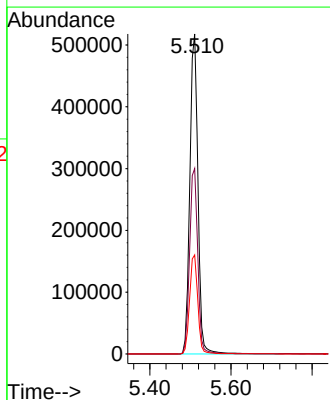
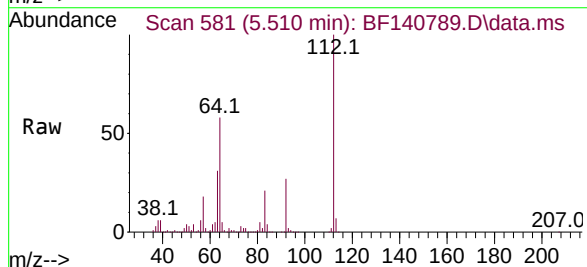
Instrument :
BNA_F
ClientSampleId :
PB165390TB

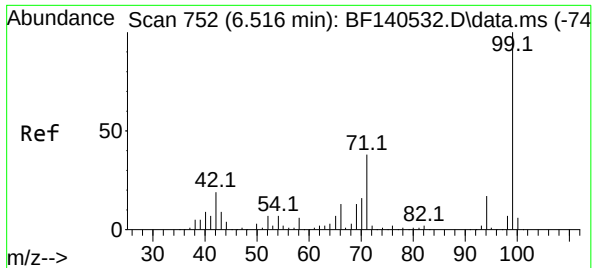
Tgt Ion:152 Resp: 81916
Ion Ratio Lower Upper
152 100
150 157.1 128.5 192.7
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 149.263 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Tgt Ion:112 Resp: 716618
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 30.9 27.0 40.4

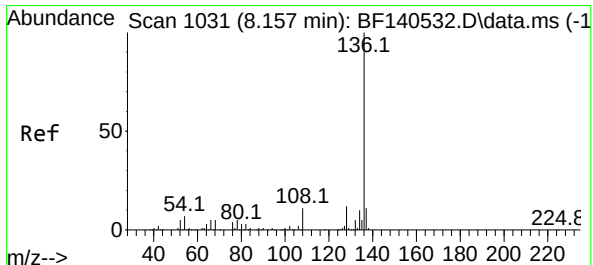
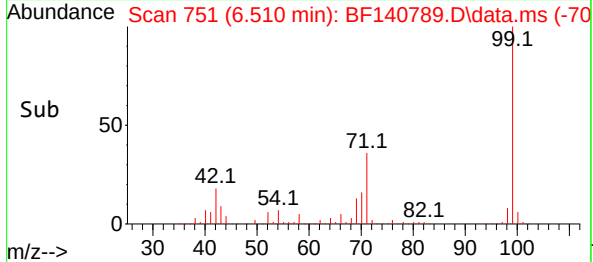
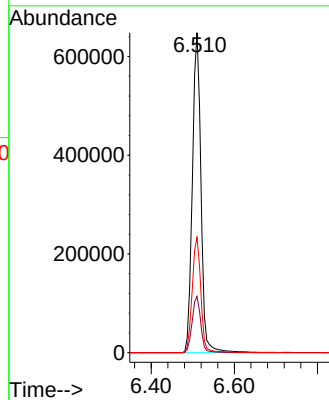
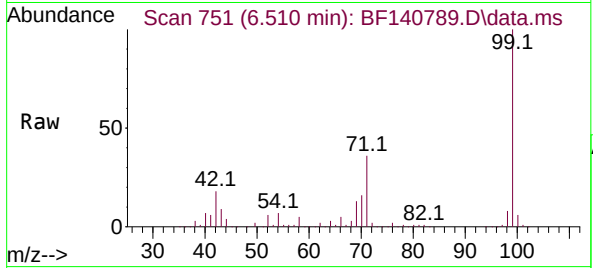




#7
Phenol-d6
Concen: 146.657 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

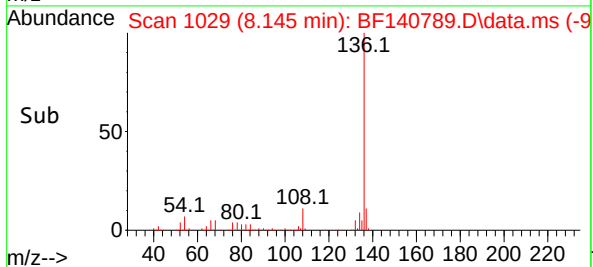
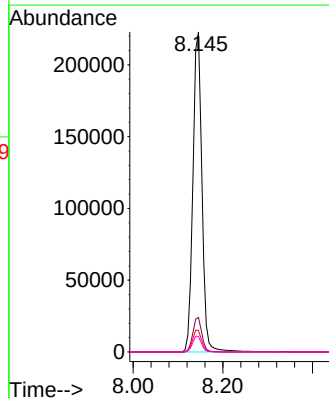
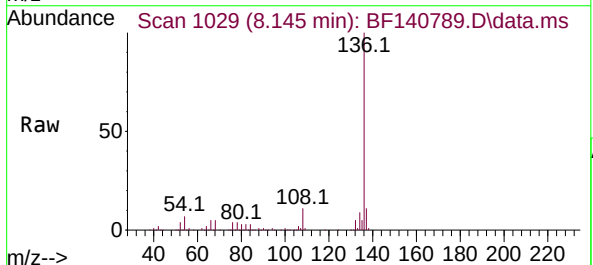
Instrument :
BNA_F
ClientSampleId :
PB165390TB

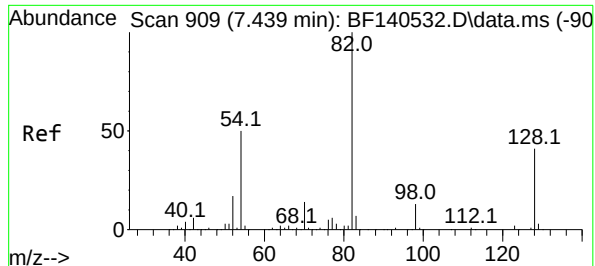
Tgt Ion: 99 Resp: 930847
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140789.D
Acq: 09 Dec 2024 14:58

Tgt Ion: 136 Resp: 312242
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 98.305 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB165390TB

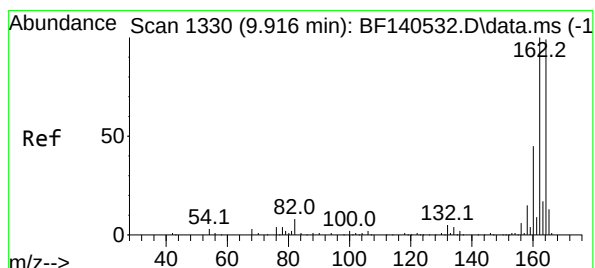
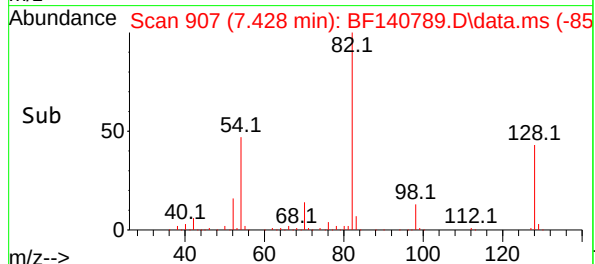
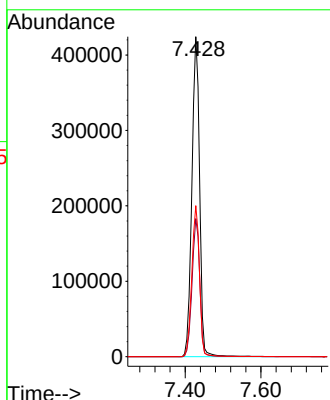
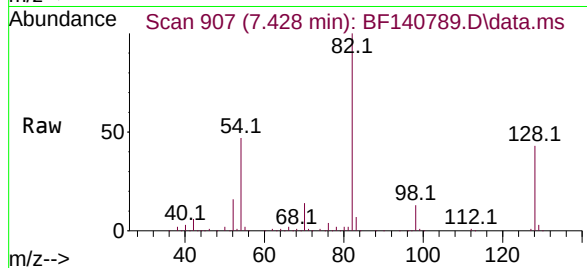
Tgt Ion: 82 Resp: 600096

Ion Ratio Lower Upper

82 100

128 43.2 33.0 49.4

54 47.2 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

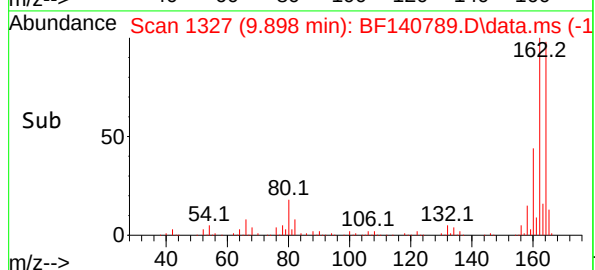
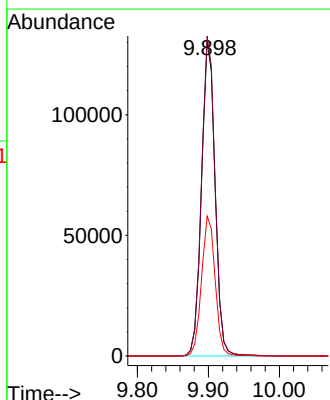
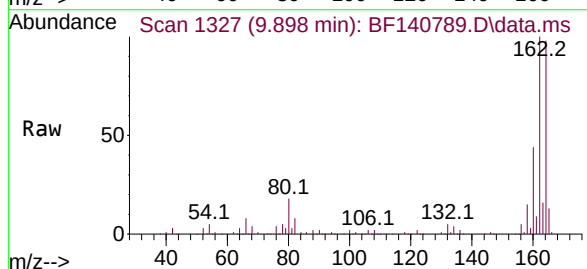
Tgt Ion:164 Resp: 173398

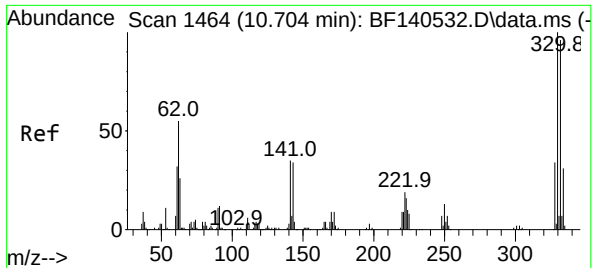
Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 152.580 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140789.D

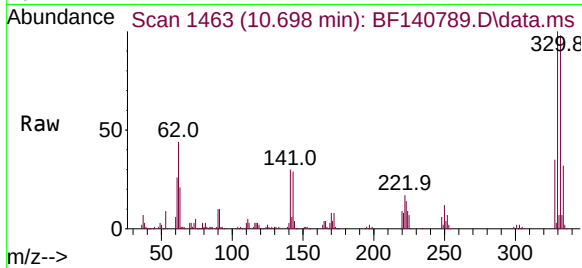
Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB165390TB



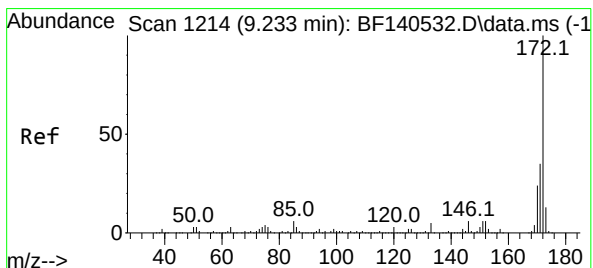
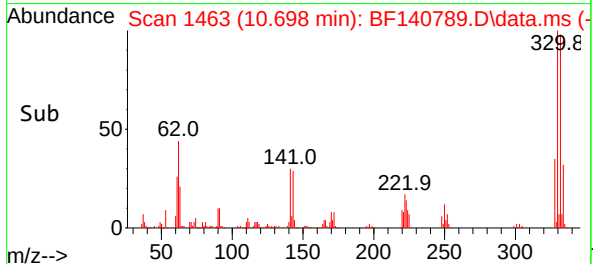
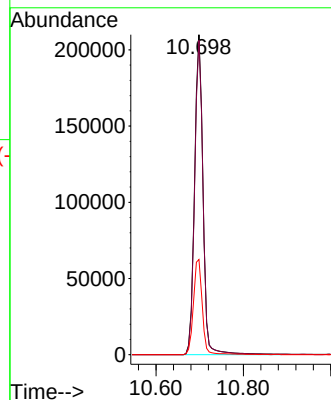
Tgt Ion:330 Resp: 282961

Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 31.0 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 100.772 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

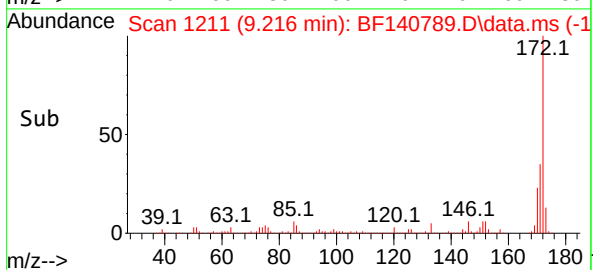
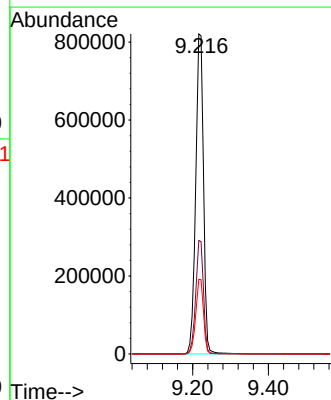
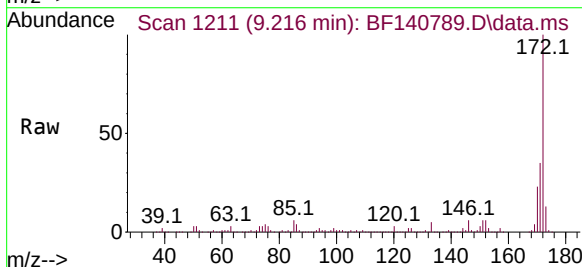
Tgt Ion:172 Resp: 1172778

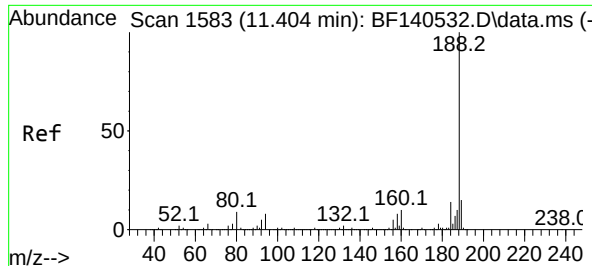
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB165390TB

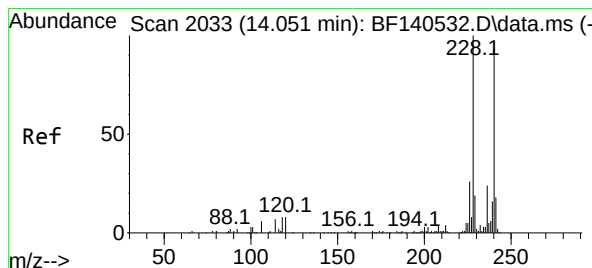
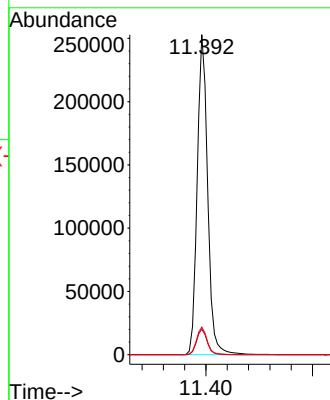
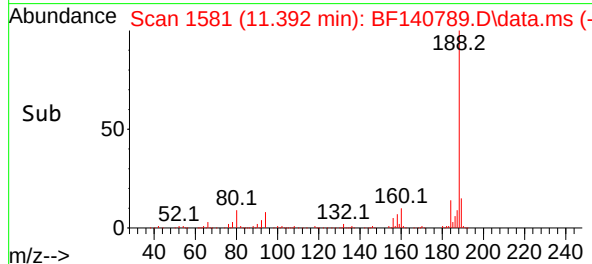
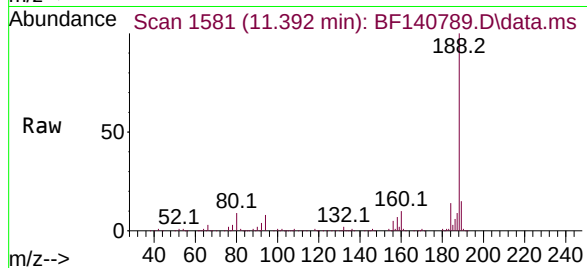
Tgt Ion:188 Resp: 343254

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.7 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

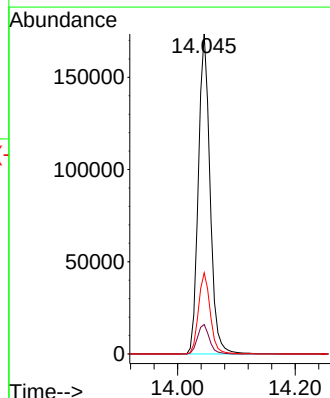
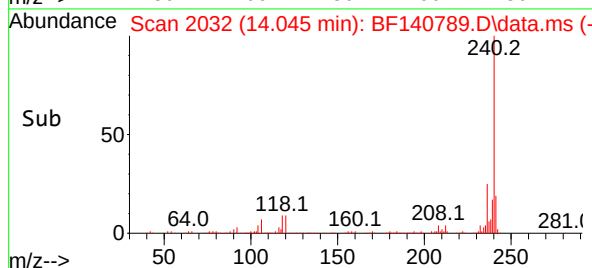
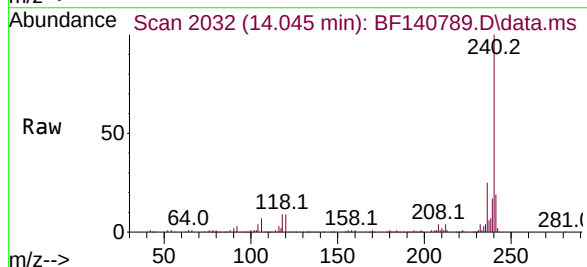
Tgt Ion:240 Resp: 238978

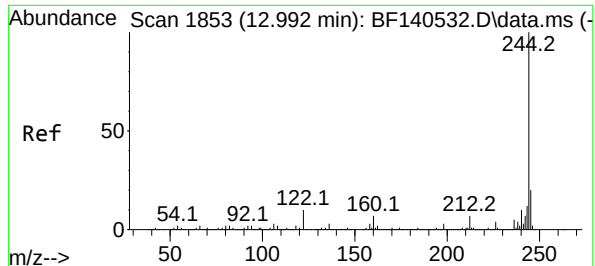
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 90.743 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140789.D

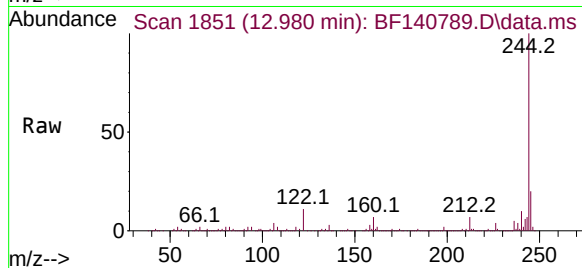
Acq: 09 Dec 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB165390TB



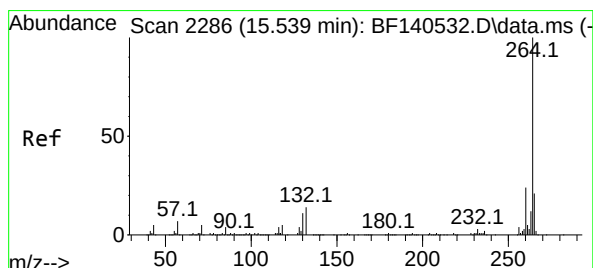
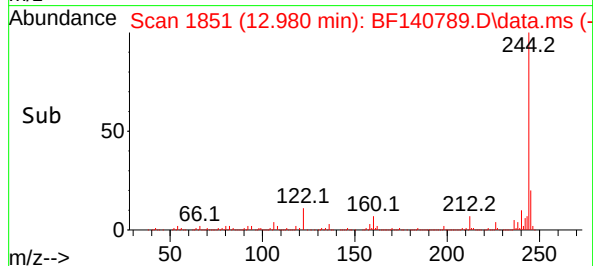
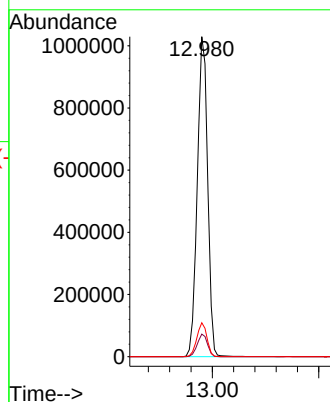
Tgt Ion:244 Resp: 1392656

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.6 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140789.D

Acq: 09 Dec 2024 14:58

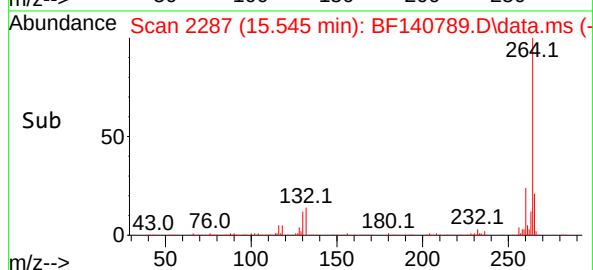
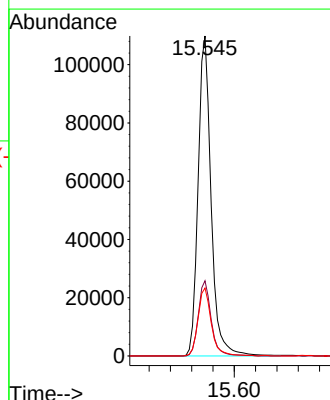
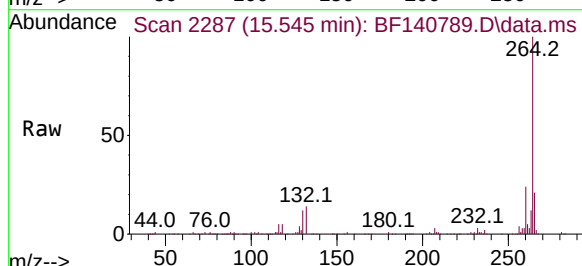
Tgt Ion:264 Resp: 186251

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.2 16.6 25.0





CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF112124.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Nov 21 15:23:48 2024
 Response Via : Initial Calibration

Calibration Files

2.5 =BF140528.D 5 =BF140529.D 10 =BF140530.D 20 =BF140531.D 40 =BF140532.D 50 =BF140533.D 60 =BF140534.D 80 =BF140535.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.501	0.502	0.576	0.489	0.452	0.454	0.477	0.493		8.46
3)	Pyridine	0.981	1.019	1.121	1.192	1.062	1.087	1.128	1.084		6.54
4)	n-Nitrosodimet...	0.616	0.611	0.661	0.648	0.632	0.632	0.660	0.637		3.15
5) S	2-Fluorophenol	1.261	1.233	1.202	1.174	1.117	1.127	1.091	1.172		5.40
6)	Aniline	1.159	1.195	1.133	1.251	1.042	1.020	0.835	1.091		12.73
7) S	Phenol-d6	1.729	1.617	1.559	1.602	1.465	1.470	1.407	1.550		7.14
8)	2-Chlorophenol	1.385	1.328	1.278	1.283	1.201	1.208	1.145	1.261		6.51
9)	Benzaldehyde		1.007	0.970	0.738	0.752	0.635		0.820		19.55
10) C	Phenol	1.723	1.648	1.620	1.667	1.514	1.490	1.417	1.583		6.98
11)	bis(2-Chloroet...	1.292	1.242	1.214	1.246	1.146	1.200	1.138	1.211		4.56
12)	1,3-Dichlorobe...	1.600	1.493	1.433	1.399	1.345	1.361	1.288	1.417		7.31
13) C	1,4-Dichlorobe...	1.613	1.501	1.456	1.428	1.358	1.372	1.314	1.435		7.04
14)	1,2-Dichlorobe...	1.503	1.434	1.375	1.355	1.268	1.266	1.210	1.344		7.71
15)	Benzyl Alcohol	1.234	1.174	1.161	1.224	1.113	1.090	1.048	1.149		5.98
16)	2,2'-oxybis(1-...	1.650	1.480	1.434	1.463	1.335	1.377	1.276	1.431		8.43
17)	2-Methylphenol	1.121	1.034	1.033	1.042	0.956	0.959	0.922	1.009		6.74
18)	Hexachloroethane	0.598	0.545	0.549	0.537	0.514	0.510	0.499	0.536		6.17
19) P	n-Nitroso-di-n...	0.972	1.002	0.949	0.916	0.946	0.856	0.857	0.829	0.916	6.82
20)	3+4-Methylphenols	1.495	1.362	1.305	1.347	1.211	1.209	1.154	1.298		8.98
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.536	0.511	0.494	0.481	0.463	0.460	0.468	0.488		5.75
23) S	Nitrobenzene-d5	0.409	0.403	0.395	0.392	0.377	0.377	0.383	0.391		3.21
24)	Nitrobenzene	0.439	0.409	0.409	0.401	0.388	0.391	0.392	0.404		4.35
25)	Isophorone	0.694	0.654	0.657	0.662	0.629	0.634	0.635	0.652		3.44
26) C	2-Nitrophenol	0.178	0.172	0.185	0.180	0.178	0.180	0.180	0.179		2.17
27)	2,4-Dimethylph...	0.221	0.214	0.213	0.224	0.204	0.207	0.218	0.214		3.40
28)	bis(2-Chloroet...	0.428	0.408	0.403	0.397	0.378	0.384	0.383	0.397		4.37
29) C	2,4-Dichloroph...	0.301	0.291	0.290	0.282	0.277	0.274	0.271	0.284		3.82
30)	1,2,4-Trichlor...	0.342	0.338	0.332	0.317	0.317	0.312	0.312	0.324		3.91
31)	Naphthalene	1.116	1.075	1.062	1.013	0.993	0.983	0.970	1.030		5.32
32)	Benzoic acid		0.101	0.126	0.177	0.185	0.192	0.202	0.164		24.72
33)	4-Chloroaniline	0.308	0.318	0.309	0.325	0.303	0.308	0.289	0.308		3.71
34) C	Hexachlorobuta...	0.227	0.225	0.219	0.212	0.209	0.207	0.204	0.215		4.15
35)	Caprolactam	0.091	0.091	0.091	0.090	0.085	0.085	0.083	0.088		3.99
36) C	4-Chloro-3-met...	0.348	0.318	0.317	0.327	0.307	0.307	0.301	0.318		4.95
37)	2-Methylnaphth...	0.724	0.680	0.669	0.650	0.623	0.620	0.615	0.654		6.09
38)	1-Methylnaphth...	0.707	0.665	0.659	0.638	0.611	0.608	0.601	0.641		5.98

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF112124.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.635	0.604	0.606	0.563	0.561	0.565	0.565	0.586	5.02	
41) P	Hexachlorocycl...	0.055	0.090	0.114	0.121	0.129	0.133	0.107	27.80		
42) S	2,4,6-Tribromo...	0.222	0.209	0.220	0.216	0.210	0.210	0.211	0.214	2.52	
43) C	2,4,6-Trichlor...	0.384	0.358	0.375	0.366	0.364	0.360	0.365	0.367	2.45	
44)	2,4,5-Trichlor...	0.402	0.396	0.410	0.404	0.390	0.397	0.392	0.399	1.80	
45) S	2-Fluorobiphenyl	1.550	1.402	1.423	1.291	1.255	1.240	1.235	1.342	8.90	
46)	1,1'-Biphenyl	1.666	1.530	1.563	1.447	1.427	1.418	1.403	1.493	6.50	
47)	2-Chloronaphth...	1.251	1.145	1.162	1.106	1.082	1.084	1.091	1.131	5.39	
48)	2-Nitroaniline	0.367	0.351	0.379	0.367	0.363	0.357	0.359	0.363	2.50	
49)	Acenaphthylene	1.890	1.765	1.808	1.662	1.628	1.623	1.590	1.710	6.58	
50)	Dimethylphthalate	1.455	1.329	1.346	1.299	1.267	1.270	1.254	1.317	5.28	
51)	2,6-Dinitrotol...	0.314	0.299	0.307	0.301	0.291	0.293	0.286	0.299	3.24	
52) C	Acenaphthene	1.182	1.110	1.134	1.063	1.052	1.037	1.026	1.086	5.29	
53)	3-Nitroaniline	0.307	0.297	0.309	0.300	0.289	0.281	0.262	0.292	5.71	
54) P	2,4-Dinitrophenol	0.057	0.089	0.140	0.145	0.150	0.154	0.122	32.70		
55)	Dibenzofuran	1.898	1.739	1.739	1.622	1.559	1.531	1.509	1.657	8.53	
56) P	4-Nitrophenol	0.160	0.195	0.207	0.212	0.214	0.208	0.199	10.31		
57)	2,4-Dinitrotol...	0.403	0.403	0.416	0.404	0.386	0.389	0.379	0.397	3.24	
58)	Fluorene	1.509	1.409	1.399	1.295	1.263	1.224	1.210	1.330	8.37	
59)	2,3,4,6-Tetrac...	0.307	0.296	0.308	0.312	0.305	0.305	0.312	0.306	1.72	
60)	Diethylphthalate	1.495	1.375	1.393	1.311	1.292	1.268	1.234	1.338	6.66	
61)	4-Chlorophenyl...	0.739	0.682	0.685	0.639	0.619	0.605	0.599	0.653	7.90	
62)	4-Nitroaniline	0.307	0.301	0.315	0.312	0.310	0.309	0.291	0.306	2.67	
63)	Azobenzene	1.406	1.320	1.320	1.235	1.205	1.206	1.179	1.267	6.55	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.073	0.090	0.110	0.110	0.117	0.113	0.102	16.74		
66) c	n-Nitrosodiphe...	0.632	0.618	0.597	0.578	0.577	0.580	0.558	0.591	4.39	
67)	4-Bromophenyl-...	0.218	0.215	0.206	0.200	0.200	0.205	0.198	0.206	3.79	
68)	Hexachlorobenzene	0.257	0.240	0.239	0.233	0.232	0.236	0.232	0.238	3.65	
69)	Atrazine	0.181	0.171	0.131	0.140	0.147	0.196	0.198	0.166	16.37	
70) C	Pentachlorophenol	0.071	0.090	0.116	0.115	0.121	0.118	0.105	19.24		
71)	Phenanthrene	1.074	1.020	0.970	0.944	0.925	0.916	0.881	0.961	6.87	
72)	Anthracene	1.038	0.994	0.958	0.925	0.905	0.904	0.859	0.940	6.47	
73)	Carbazole	1.004	0.949	0.930	0.889	0.876	0.862	0.821	0.905	6.75	
74)	Di-n-butylphth...	1.144	1.075	1.074	1.023	1.021	1.007	0.967	1.044	5.56	
75) C	Fluoranthene	1.186	1.111	1.114	1.014	0.999	0.962	0.921	1.044	9.11	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.268	0.422	0.296	0.575	0.734	1.025	0.751	0.581	47.31	
78)	Pyrene	1.905	1.801	1.897	1.853	1.791	1.898	1.799	1.849	2.79	
79) S	Terphenyl-d14	1.351	1.254	1.308	1.283	1.228	1.313	1.254	1.284	3.31	
80)	Butylbenzylpht...	0.676	0.644	0.694	0.679	0.655	0.674	0.641	0.666	2.96	
81)	Benzo(a)anthra...	1.409	1.319	1.379	1.286	1.295	1.338	1.242	1.324	4.30	
82)	3,3'-Dichlorob...	0.375	0.383	0.393	0.413	0.406	0.419	0.394	0.397	4.03	
83)	Chrysene	1.354	1.263	1.218	1.201	1.137	1.173	1.128	1.211	6.50	
84)	Bis(2-ethylhex...	0.904	0.828	0.862	0.833	0.824	0.841	0.797	0.841	4.00	
85) c	Di-n-octyl pht...	1.198	1.133	1.147	1.132	1.147	1.169	1.121	1.150	2.29	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF112124.M

86) I	Perylene-d12	-----ISTD-----	
87)	Indeno(1,2,3-c...	1.209 1.283 1.299 1.304 1.306 1.409 1.313 1.303	4.51
88)	Benzo(b)fluora...	1.347 1.256 1.380 1.186 1.248 1.207 1.168 1.256	6.41
89)	Benzo(k)fluora...	1.243 1.236 1.059 1.101 1.022 1.055 0.980 1.099	9.34
90) C	Benzo(a)pyrene	1.062 1.050 1.063 1.007 0.998 1.014 0.957 1.021	3.81
91)	Dibenzo(a,h)an...	1.015 1.038 1.063 1.068 1.075 1.149 1.064 1.067	3.90
92)	Benzo(g,h,i)pe...	1.033 1.090 1.078 1.085 1.094 1.161 1.083 1.089	3.48

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140528.D
Acq On : 21 Nov 2024 11:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 21 15:08:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration

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

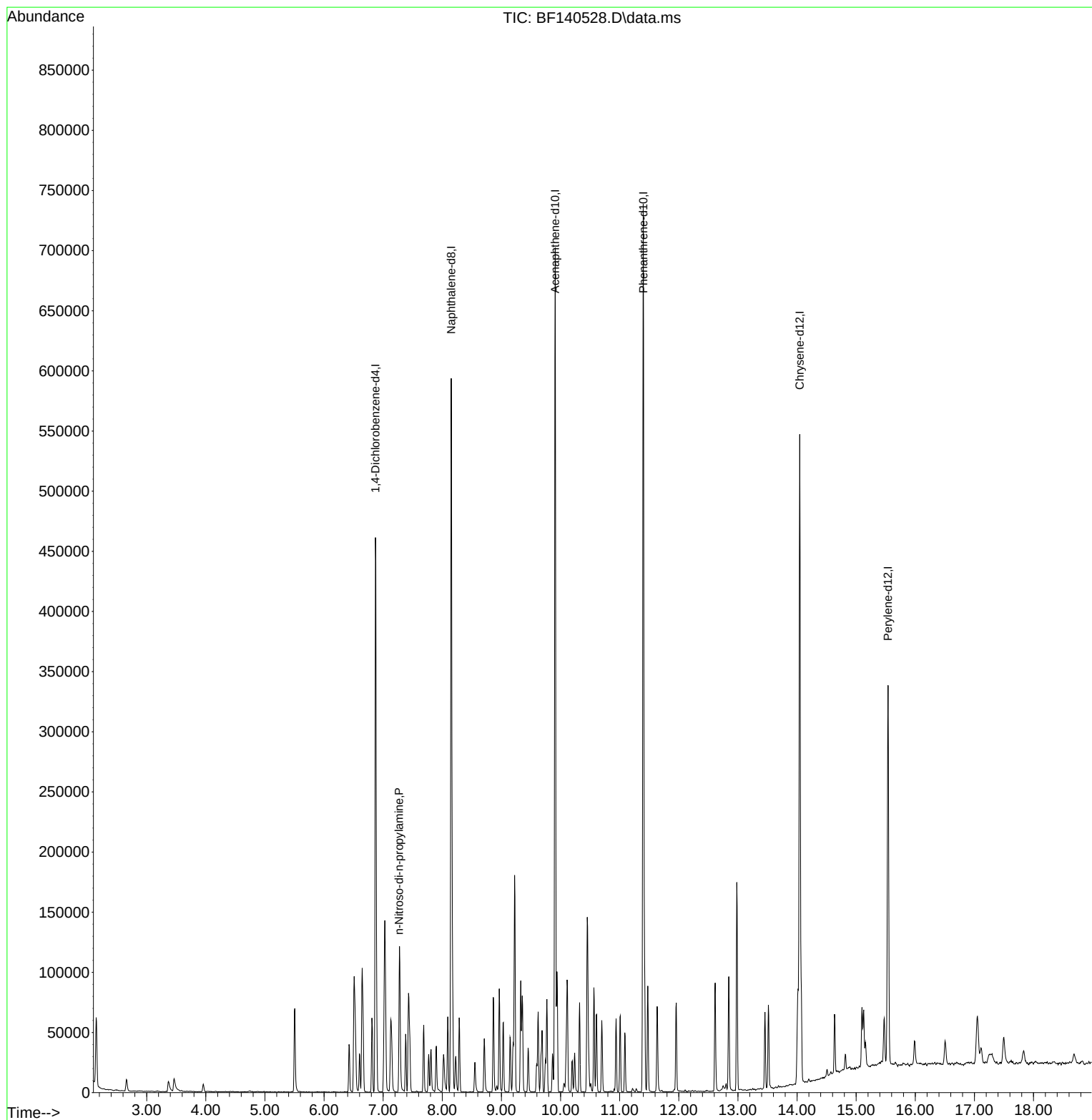
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98970	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	372671	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	211504	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	393771	20.000	ng	0.00
76) Chrysene-d12	14.045	240	232997	20.000	ng	0.00
86) Perylene-d12	15.539	264	178104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	12029	2.654	ng	98

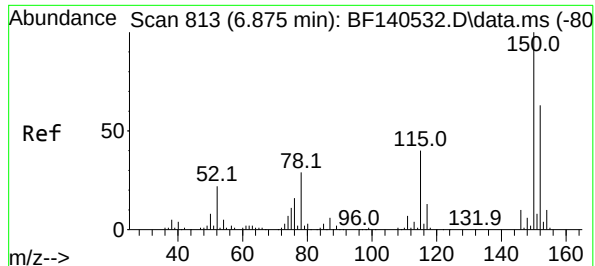
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140528.D
Acq On : 21 Nov 2024 11:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 21 15:08:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.869 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

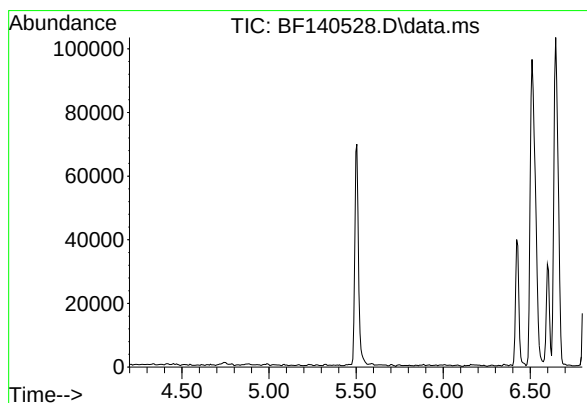
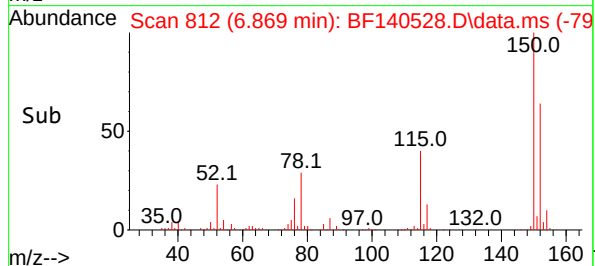
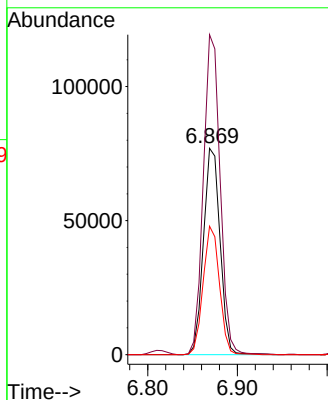
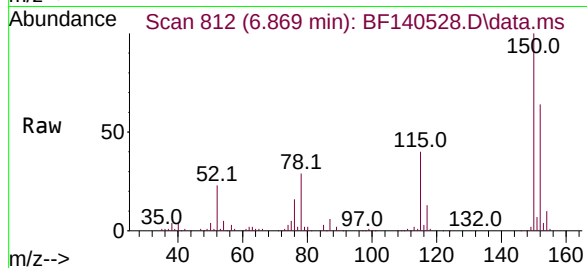
Tgt Ion:152 Resp: 98970

Ion Ratio Lower Upper

152 100

150 155.1 128.5 192.7

115 62.3 50.2 75.4



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.50 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

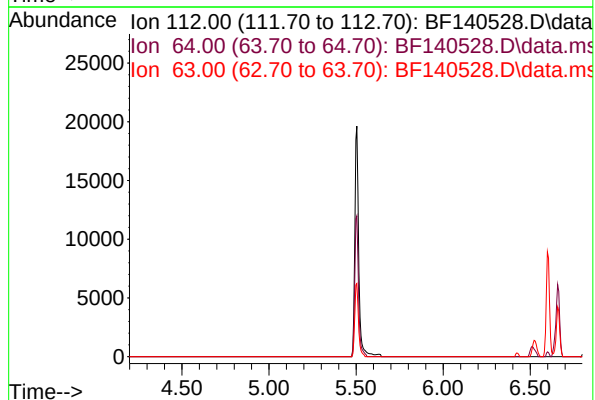
Tgt Ion: 112

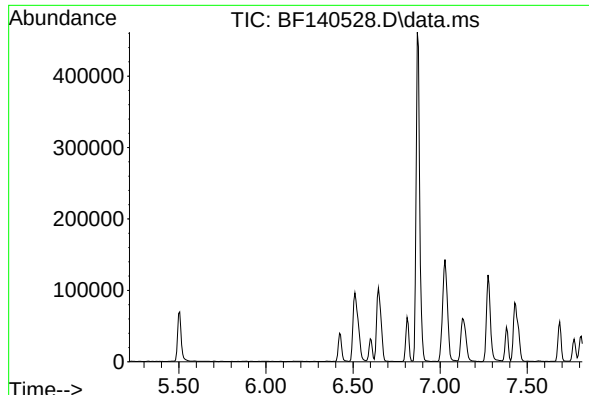
Sig Exp Ratio

112 100

64 61.5

63 33.7





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

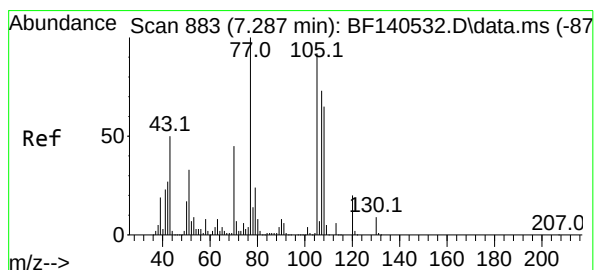
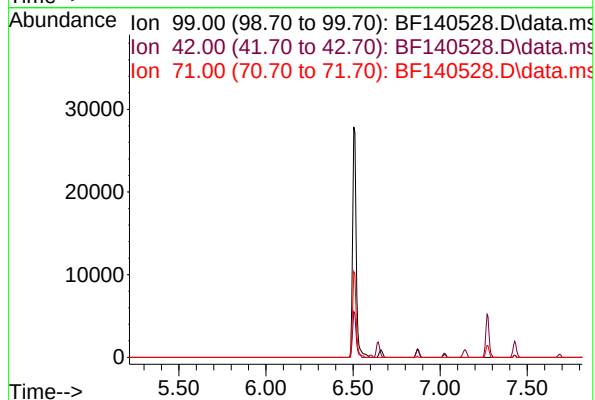
Tgt Ion: 99

Sig Exp Ratio

99 100

42 19.2

71 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.654 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.018 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Tgt Ion: 70 Resp: 12029

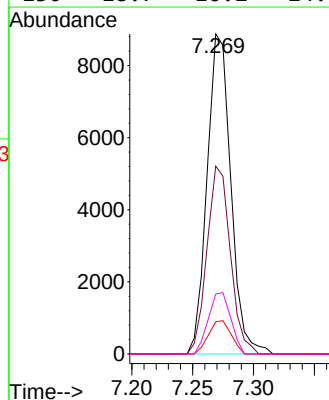
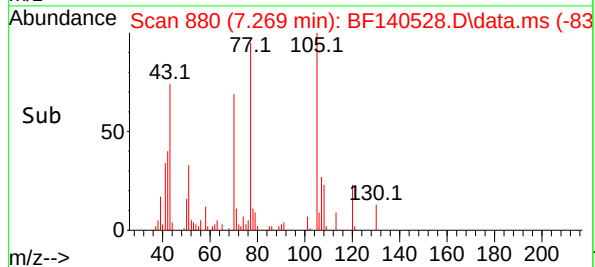
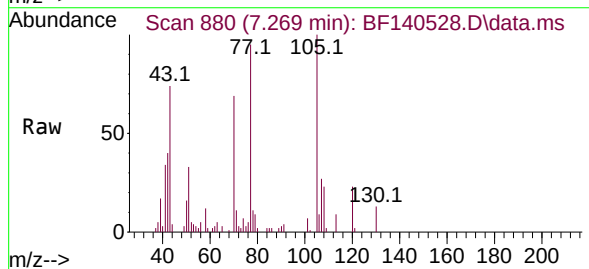
Ion Ratio Lower Upper

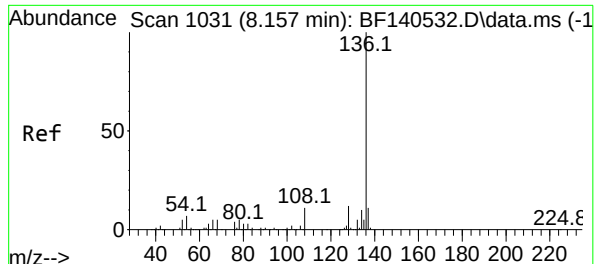
70 100

42 58.7 47.6 71.4

101 10.0 7.6 11.4

130 18.7 16.2 24.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140528.D

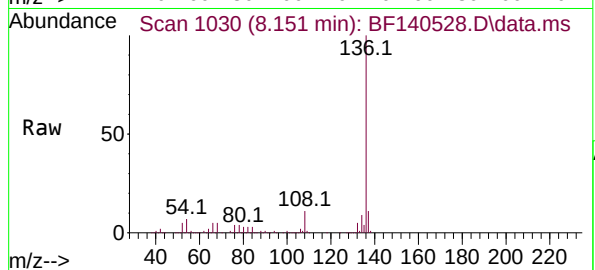
Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 372671

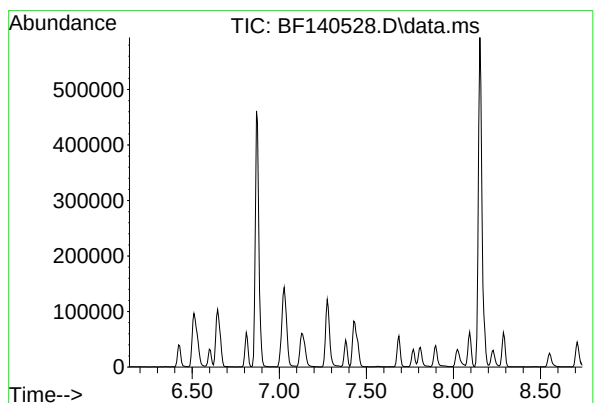
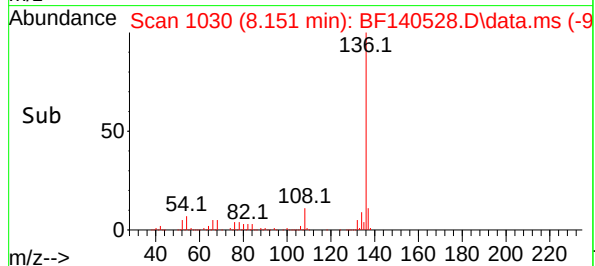
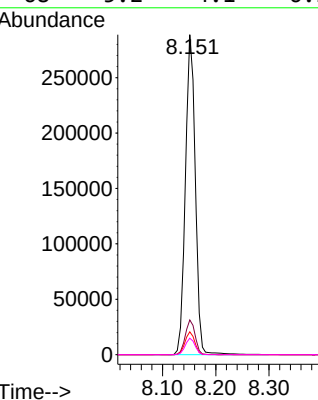
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.2 5.8 8.8

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.44 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

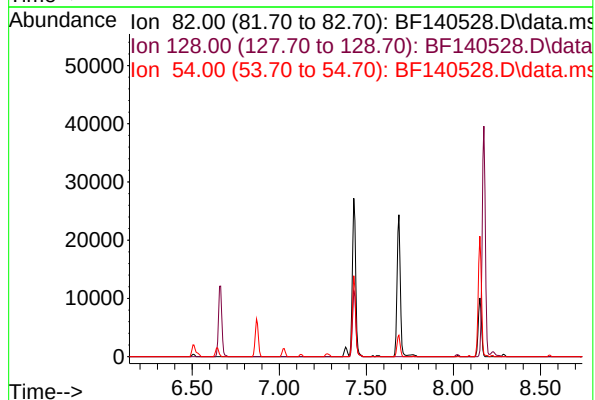
Tgt Ion: 82

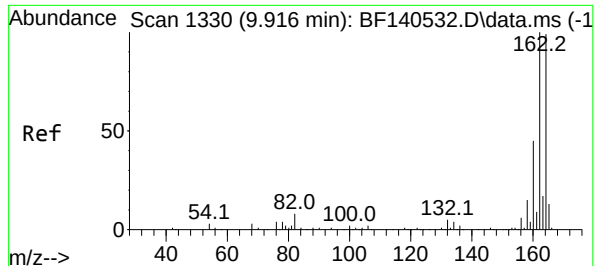
Sig Exp Ratio

82 100

128 41.2

54 49.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140528.D

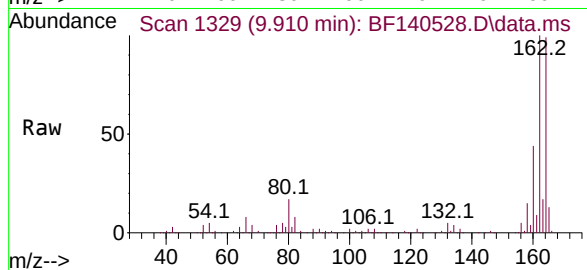
Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

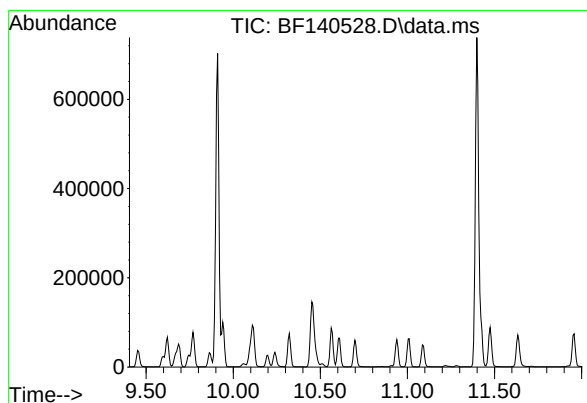
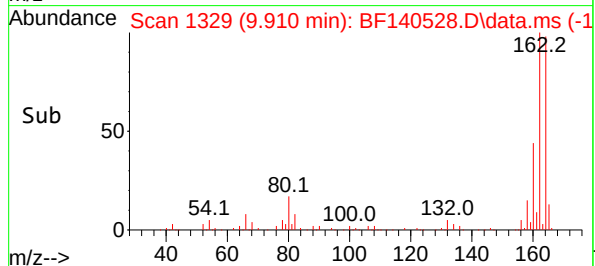
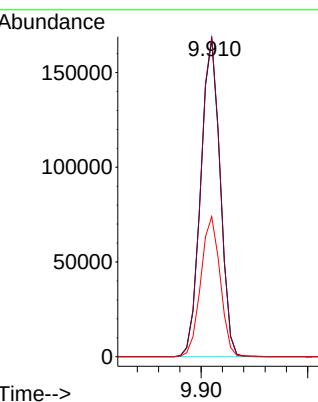
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 211504

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.1	36.2	54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

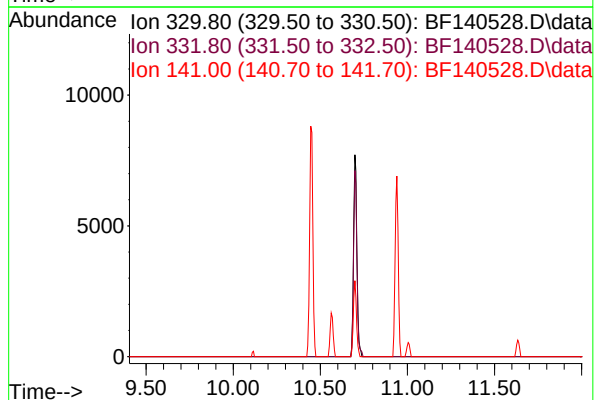
Expected RT: 10.70 min

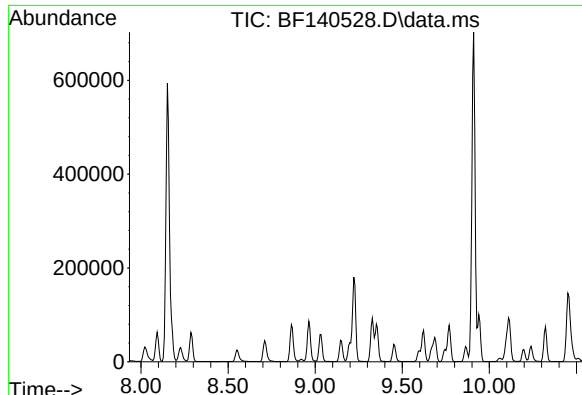
Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	33.4





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.23 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

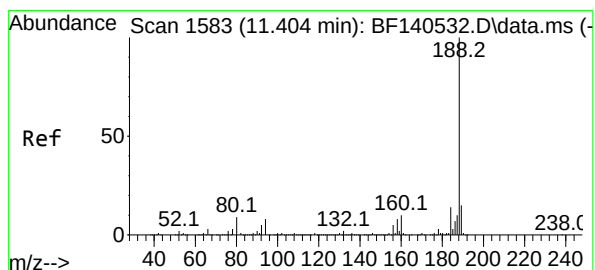
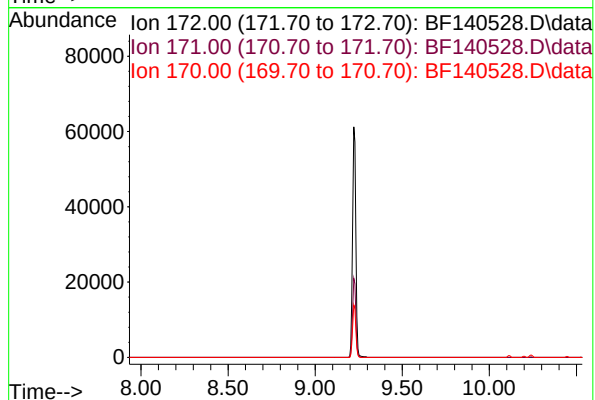
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.5

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

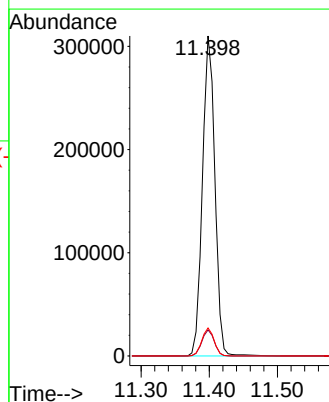
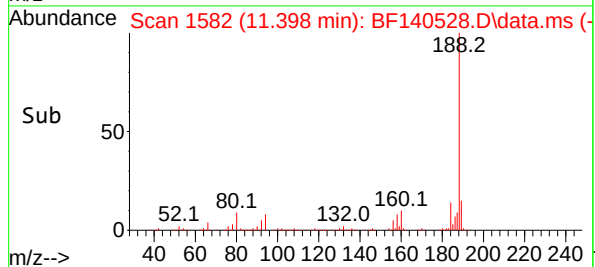
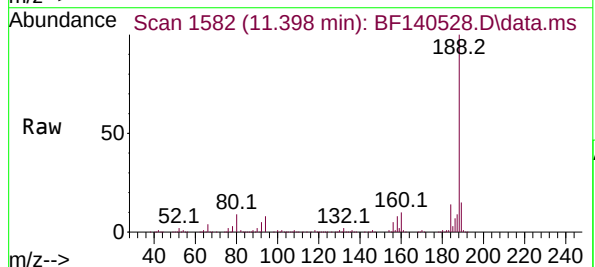
Tgt Ion:188 Resp: 393771

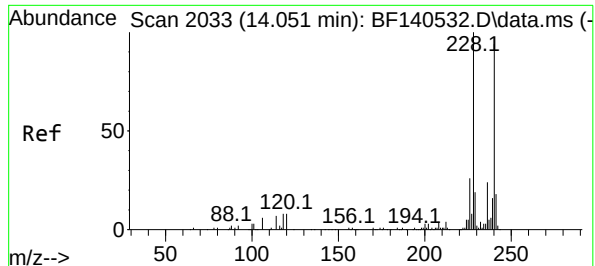
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

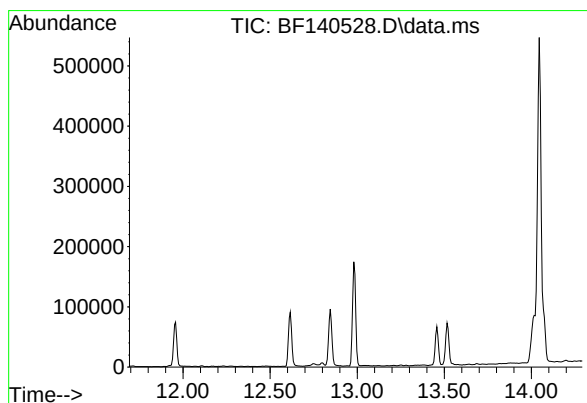
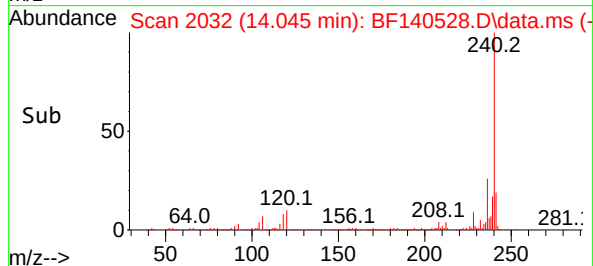
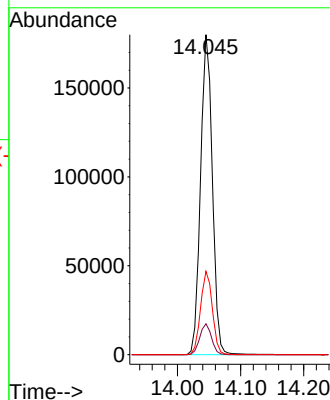
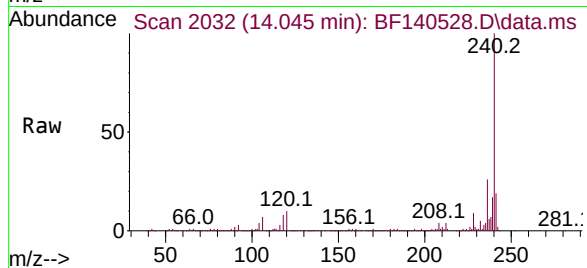
Tgt Ion:240 Resp: 232997

Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 12.99 min

Lab File: BF140528.D

Acq: 21 Nov 2024 11:13

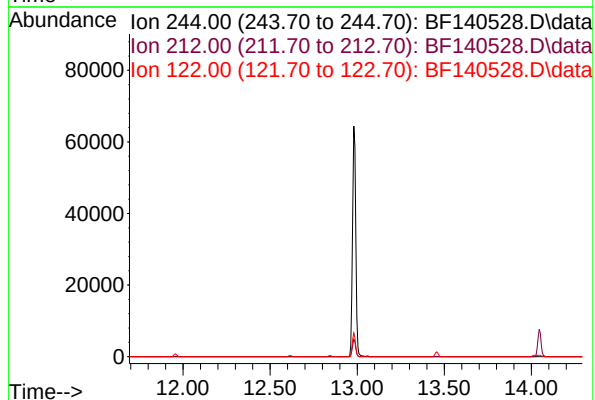
Tgt Ion: 244

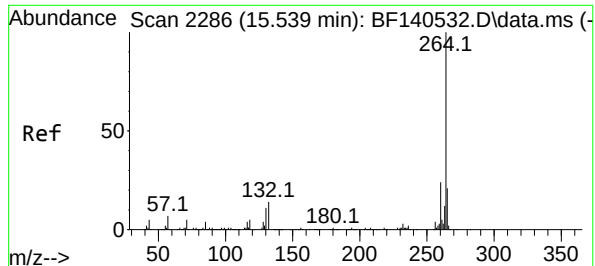
Sig Exp Ratio

244 100

212 7.3

122 10.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140528.D

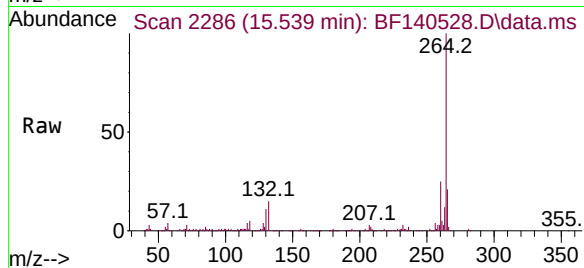
Acq: 21 Nov 2024 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



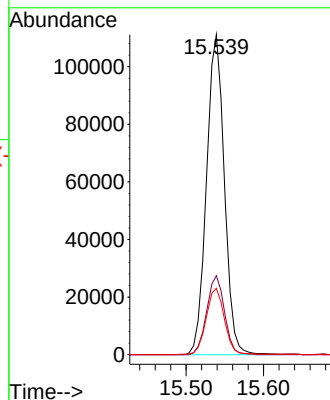
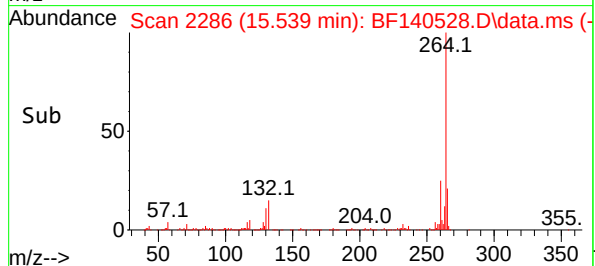
Tgt Ion:264 Resp: 178104

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 20.7 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140529.D
 Acq On : 21 Nov 2024 11:39
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 21 15:09:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	104134	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	395935	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	219293	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	428851	20.000	ng	0.00
76) Chrysene-d12	14.045	240	270381	20.000	ng	0.00
86) Perylene-d12	15.533	264	205006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	65659	10.758	ng	0.00
7) Phenol-d6	6.504	99	90026	11.158	ng	-0.01
23) Nitrobenzene-d5	7.428	82	80941	10.457	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	24342	10.379	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	170000	11.550	ng	-0.01
79) Terphenyl-d14	12.980	244	182707	10.522	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	13033	5.079	ng	99
3) Pyridine	3.440	79	25544	4.524	ng	98
4) n-Nitrosodimethylamine	3.358	42	16043	4.835	ng	# 98
6) Aniline	6.534	93	30162	5.311	ng	# 85
8) 2-Chlorophenol	6.657	128	36046	5.490	ng	99
10) Phenol	6.522	94	44852	5.443	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	33630	5.333	ng	99
12) 1,3-Dichlorobenzene	6.810	146	41643	5.644	ng	97
13) 1,4-Dichlorobenzene	6.887	146	42002	5.622	ng	98
14) 1,2-Dichlorobenzene	7.040	146	39138	5.591	ng	97
15) Benzyl Alcohol	7.010	79	32114	5.367	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	42946	5.765	ng	79
17) 2-Methylphenol	7.128	107	29188	5.553	ng	96
18) Hexachloroethane	7.381	117	15560	5.577	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	26085	5.470	ng	99
20) 3+4-Methylphenols	7.281	107	38915	5.760	ng	97
22) Acetophenone	7.275	105	53017	5.492	ng	95
24) Nitrobenzene	7.451	77	43460	5.432	ng	99
25) Isophorone	7.687	82	68701	5.321	ng	100
26) 2-Nitrophenol	7.769	139	17600	4.964	ng	100
27) 2,4-Dimethylphenol	7.804	122	21843	5.149	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	42337	5.383	ng	99
29) 2,4-Dichlorophenol	8.022	162	29819	5.305	ng	95
30) 1,2,4-Trichlorobenzene	8.092	180	33886	5.280	ng	99
31) Naphthalene	8.175	128	110501	5.418	ng	99
33) 4-Chloroaniline	8.228	127	30440	4.985	ng	97
34) Hexachlorobutadiene	8.287	225	22446	5.280	ng	99
35) Caprolactam	8.557	113	8985	5.165	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	34404	5.467	ng	99
37) 2-Methylnaphthalene	8.863	142	71706	5.536	ng	100
38) 1-Methylnaphthalene	8.963	142	69955	5.510	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	34836	5.426	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	21046	5.224	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	22061	5.046	ng	99
46) 1,1'-Biphenyl	9.328	154	91336	5.579	ng	99
47) 2-Chloronaphthalene	9.351	162	68559	5.526	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140529.D
 Acq On : 21 Nov 2024 11:39
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

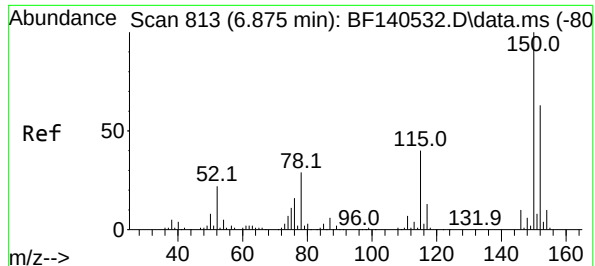
Quant Time: Nov 21 15:09:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	9.451	65	20109	5.050	ng	99
49) Acenaphthylene	9.769	152	103605	5.527	ng	99
50) Dimethylphthalate	9.622	163	79770	5.523	ng	98
51) 2,6-Dinitrotoluene	9.687	165	17217	5.256	ng	99
52) Acenaphthene	9.939	154	64777	5.337	ng	97
53) 3-Nitroaniline	9.863	138	16842	5.257	ng	98
55) Dibenzofuran	10.116	168	104044	5.727	ng	96
57) 2,4-Dinitrotoluene	10.098	165	22110	5.079	ng	98
58) Fluorene	10.457	166	82732	5.674	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	16825	5.007	ng	# 96
60) Diethylphthalate	10.322	149	81981	5.587	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	40537	5.665	ng	95
62) 4-Nitroaniline	10.469	138	16848	5.014	ng	98
63) Azobenzene	10.604	77	77108	5.549	ng	96
66) n-Nitrosodiphenylamine	10.563	169	67794	5.346	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	23355	5.288	ng	99
68) Hexachlorobenzene	11.010	284	27532	5.384	ng	99
69) Atrazine	11.086	200	19452	5.452	ng	99
71) Phenanthrene	11.422	178	115121	5.584	ng	98
72) Anthracene	11.475	178	111316	5.520	ng	100
73) Carbazole	11.633	167	107643	5.549	ng	98
74) Di-n-butylphthalate	11.957	149	122687	5.478	ng	99
75) Fluoranthene	12.616	202	127194	5.683	ng	100
77) Benzidine	12.745	184	18105	2.303	ng	99
78) Pyrene	12.845	202	128760	5.150	ng	98
80) Butylbenzylphthalate	13.457	149	45690	5.073	ng	99
81) Benzo(a)anthracene	14.033	228	95229	5.321	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	25321	4.712	ng	97
83) Chrysene	14.069	228	91528	5.593	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	61082	5.371	ng	100
85) Di-n-octyl phthalate	14.633	149	80990	5.211	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	61952	4.637	ng	97
88) Benzo(b)fluoranthene	15.098	252	69048	5.362	ng	98
89) Benzo(k)fluoranthene	15.127	252	63717	5.655	ng	96
90) Benzo(a)pyrene	15.469	252	54423	5.198	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	52029	4.755	ng	99
92) Benzo(g,h,i)perylene	17.492	276	52919	4.740	ng	97

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

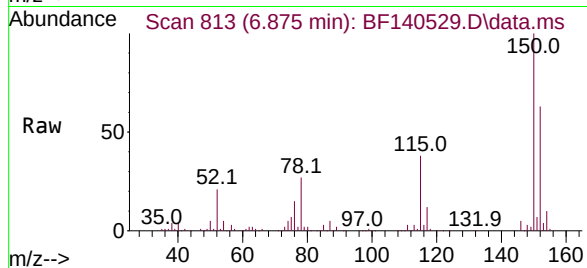
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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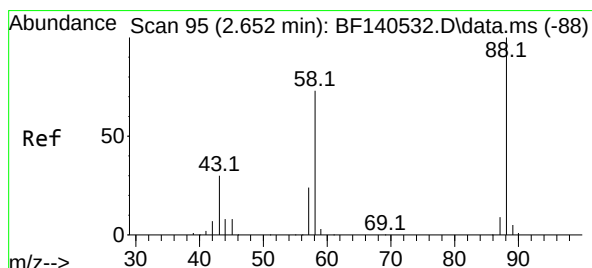
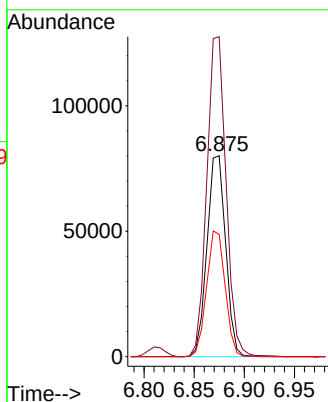
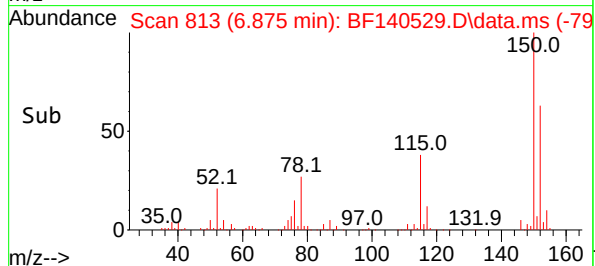


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

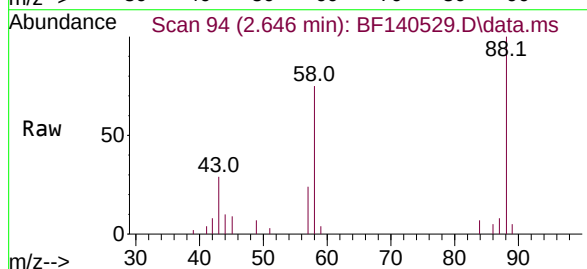
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



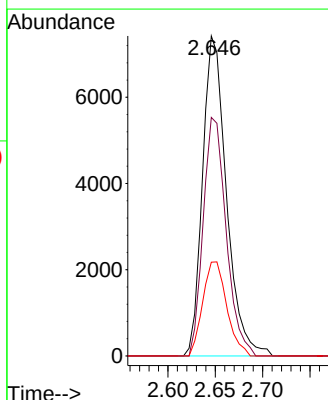
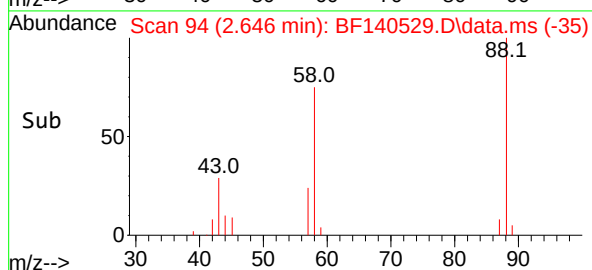
Tgt Ion:152 Resp: 104134
Ion Ratio Lower Upper
152 100
150 159.2 128.5 192.7
115 60.8 50.2 75.4

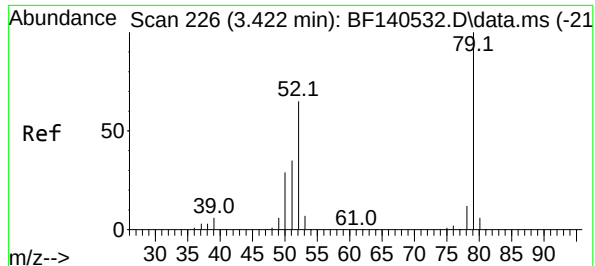


#2
1,4-Dioxane
Concen: 5.079 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39



Tgt Ion: 88 Resp: 13033
Ion Ratio Lower Upper
88 100
58 71.6 57.4 86.2
43 29.5 24.3 36.5





#3

Pyridine

Concen: 4.524 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

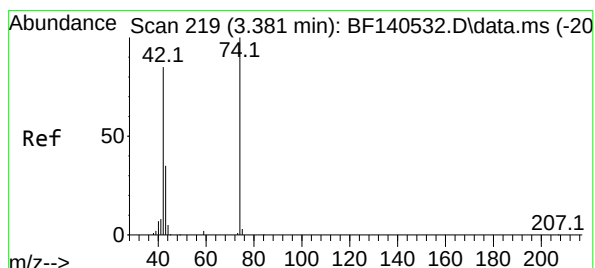
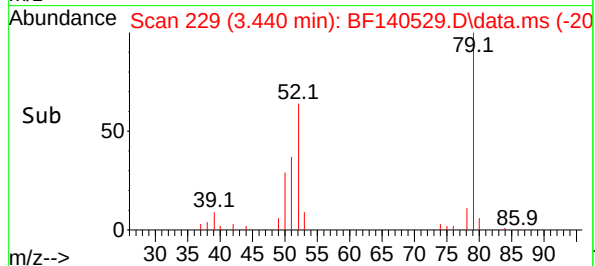
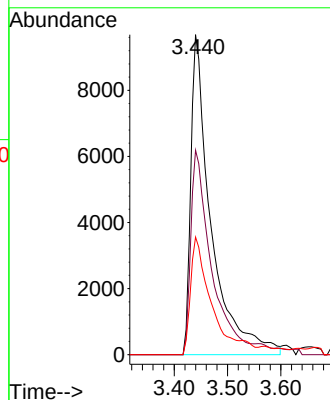
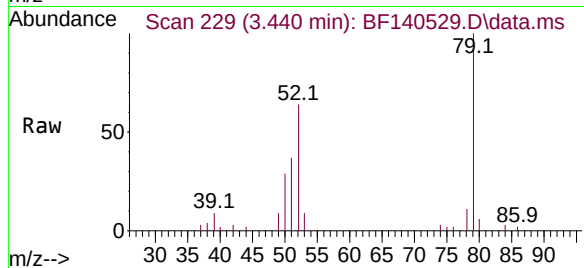
Tgt Ion: 79 Resp: 25544

Ion Ratio Lower Upper

79 100

52 63.9 52.1 78.1

51 36.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 4.835 ng

RT: 3.358 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

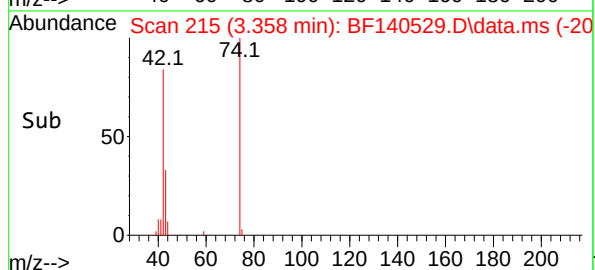
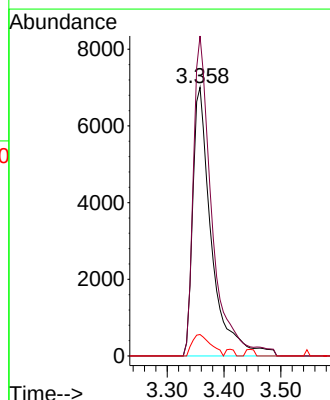
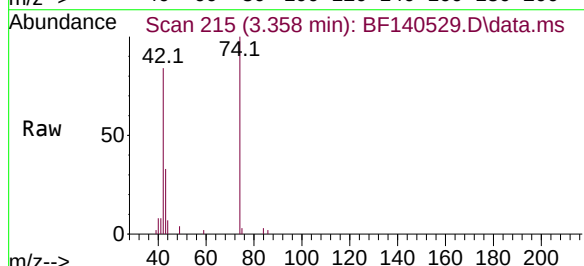
Tgt Ion: 42 Resp: 16043

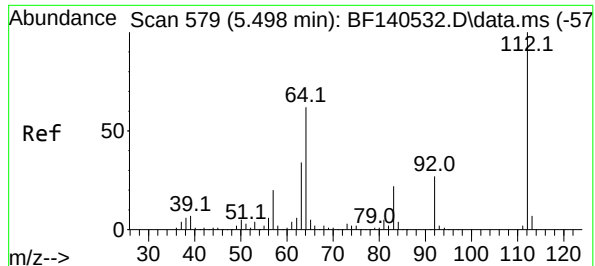
Ion Ratio Lower Upper

42 100

74 119.1 93.8 140.6

44 8.0 4.6 6.8#





#5
2-Fluorophenol

Concen: 10.758 ng

RT: 5.499 min Scan# 51

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

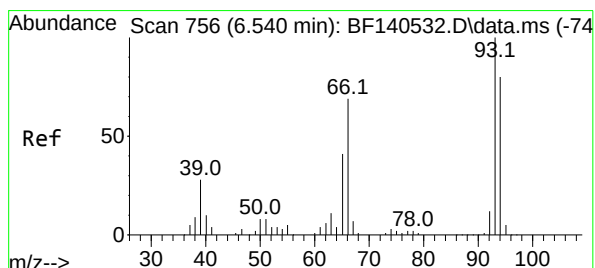
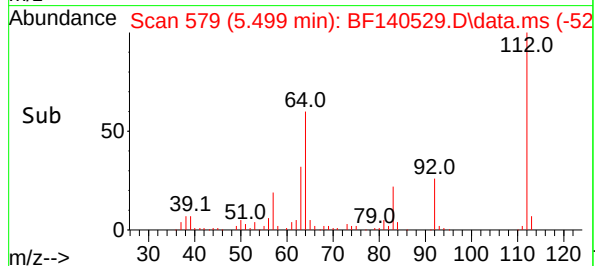
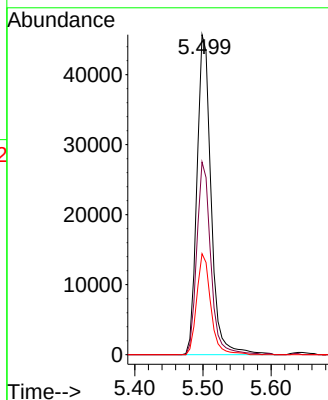
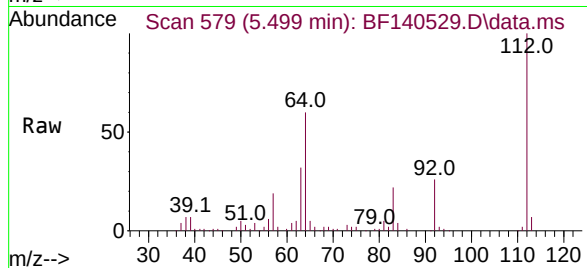
Tgt Ion:112 Resp: 65659

Ion Ratio Lower Upper

112 100

64 60.2 49.2 73.8

63 31.6 27.0 40.4



#6

Aniline

Concen: 5.311 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

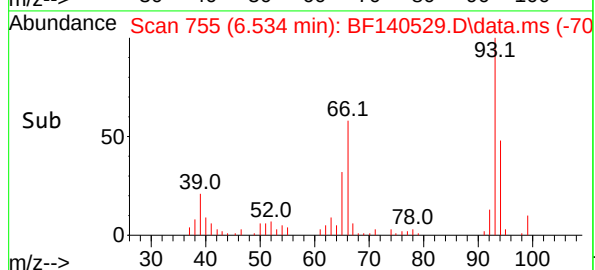
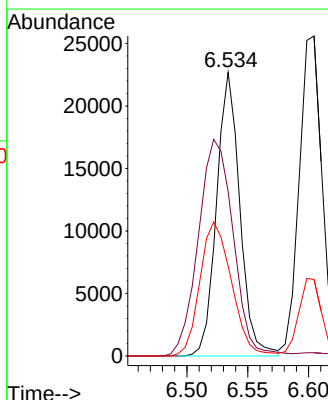
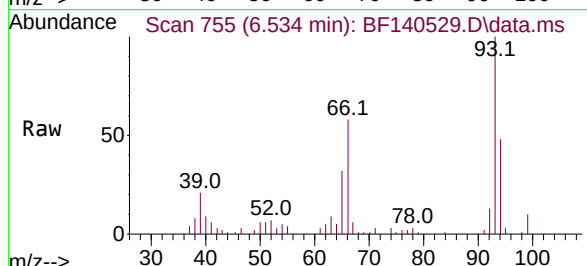
Tgt Ion: 93 Resp: 30162

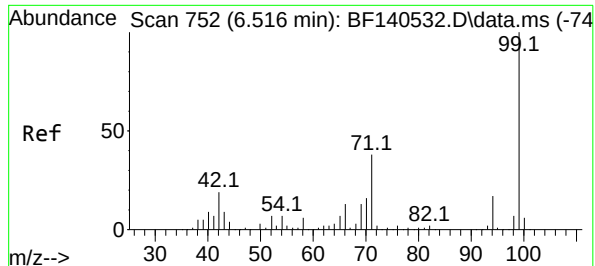
Ion Ratio Lower Upper

93 100

66 58.1 56.5 84.7

65 31.8 32.9 49.3#





#7

Phenol-d6

Concen: 11.158 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

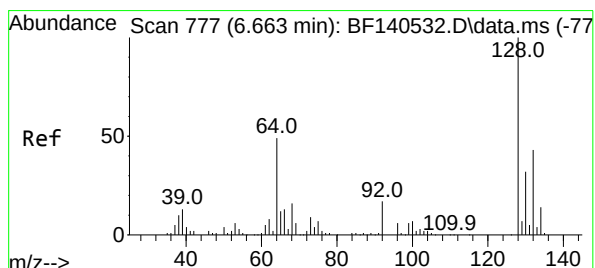
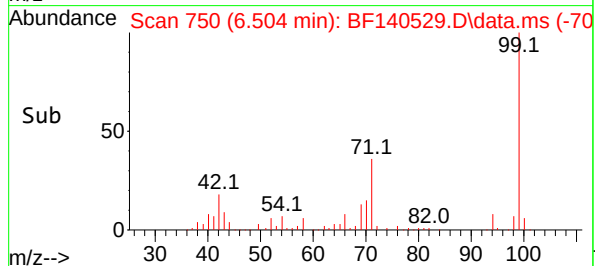
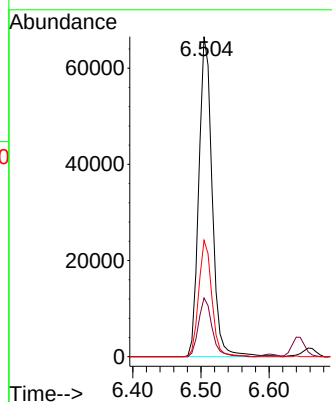
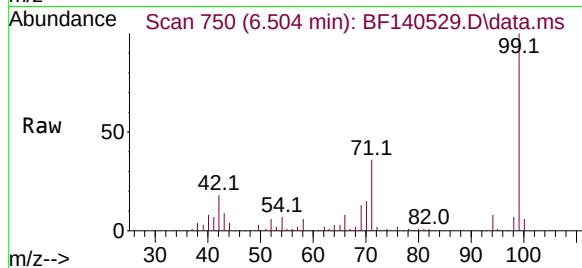
Tgt Ion: 99 Resp: 90026

Ion Ratio Lower Upper

99 100

42 18.4 15.4 23.0

71 36.4 30.6 46.0



#8

2-Chlorophenol

Concen: 5.490 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

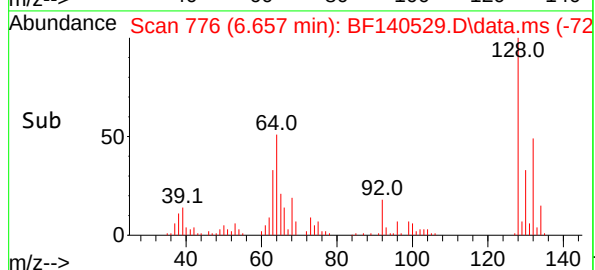
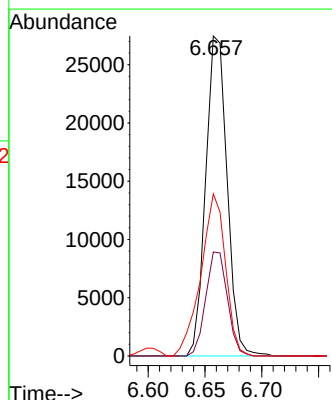
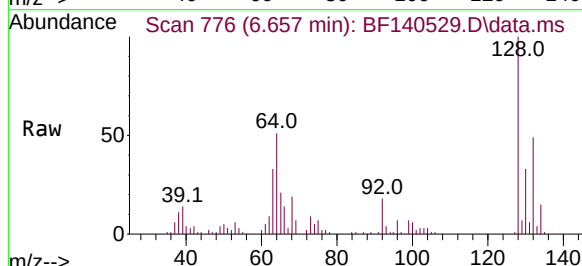
Tgt Ion:128 Resp: 36046

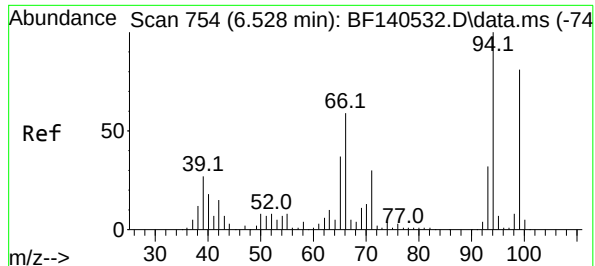
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 50.7 30.2 70.2

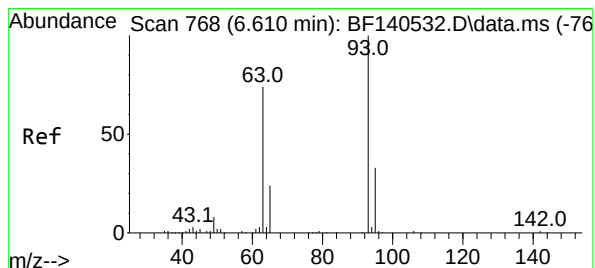
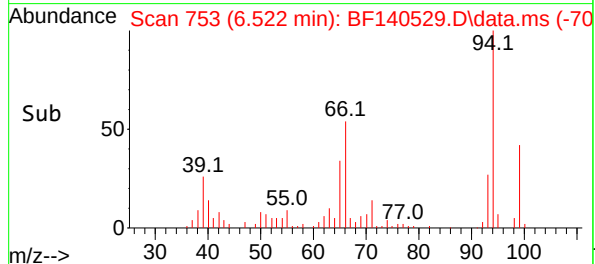
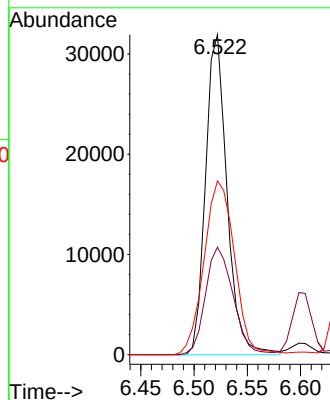
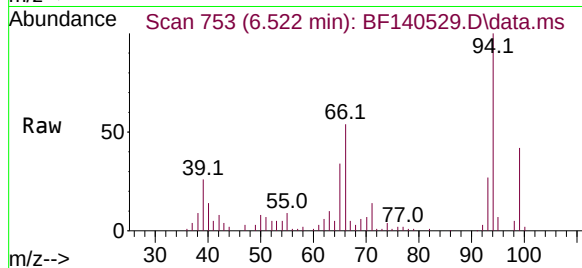




#10
Phenol
Concen: 5.443 ng
RT: 6.522 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

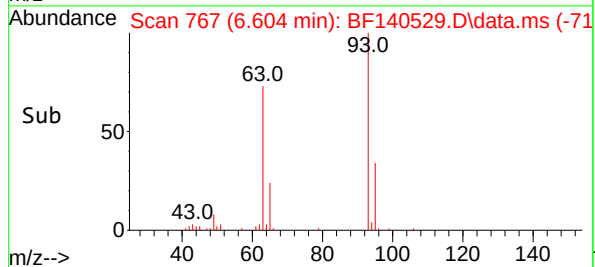
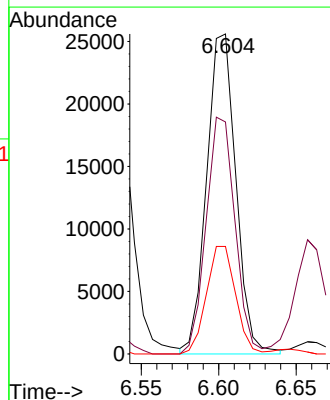
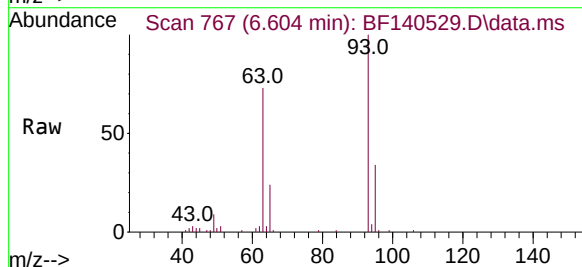
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

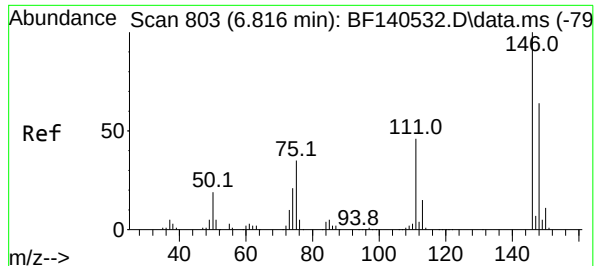
Tgt Ion: 94 Resp: 44852
Ion Ratio Lower Upper
94 100
65 33.6 17.2 57.2
66 54.3 39.2 79.2



#11
bis(2-Chloroethyl)ether
Concen: 5.333 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion: 93 Resp: 33630
Ion Ratio Lower Upper
93 100
63 72.5 52.8 92.8
95 33.6 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 5.644 ng

RT: 6.810 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

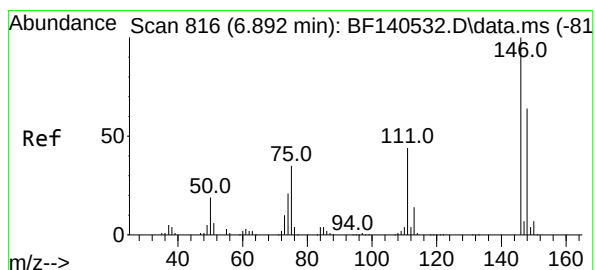
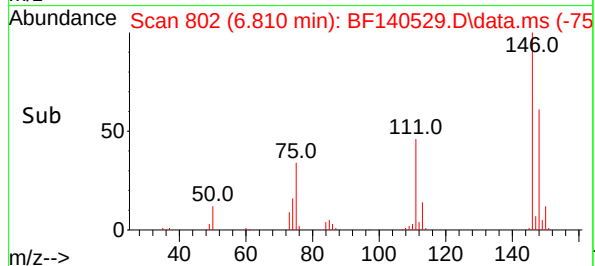
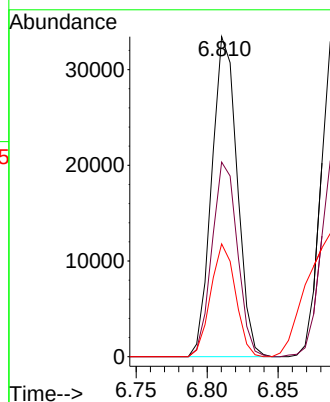
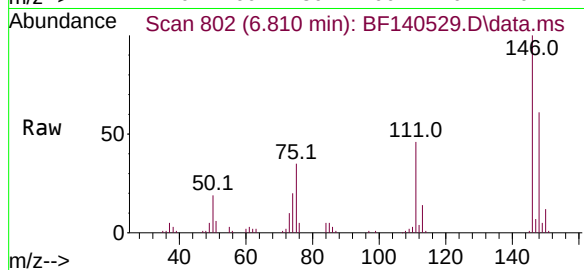
Tgt Ion:146 Resp: 41643

Ion Ratio Lower Upper

146 100

148 60.8 51.3 76.9

75 35.3 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 5.622 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

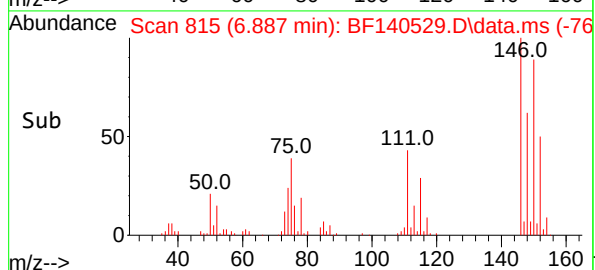
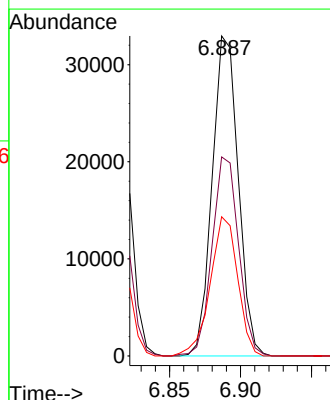
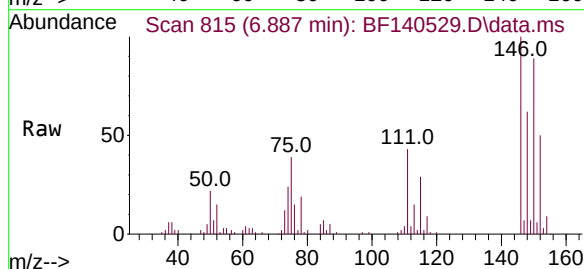
Tgt Ion:146 Resp: 42002

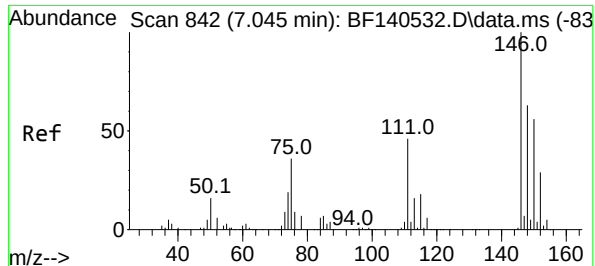
Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.6

111 43.5 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 5.591 ng

RT: 7.040 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

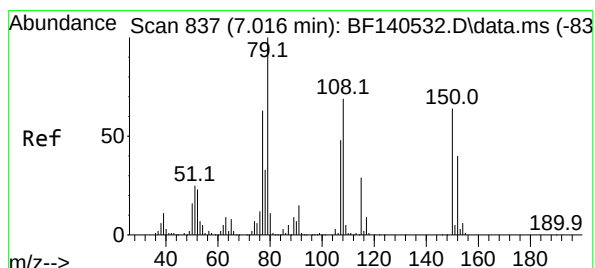
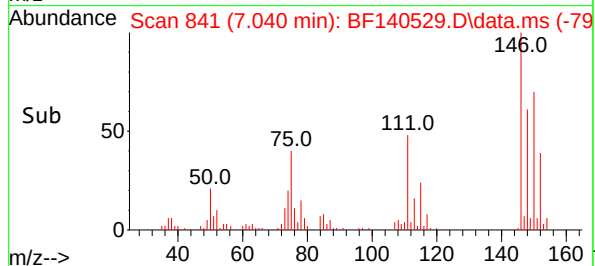
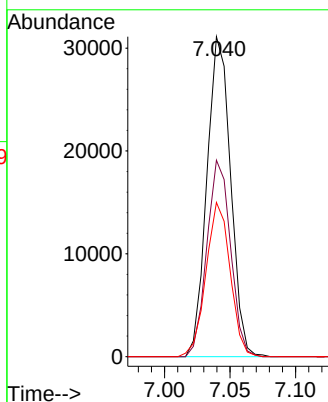
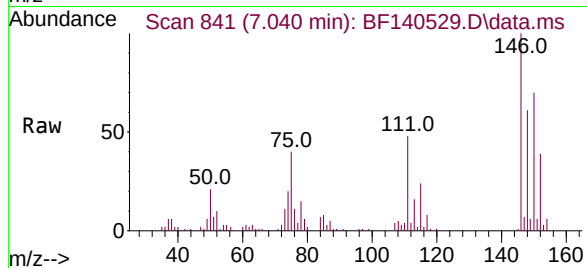
Tgt Ion:146 Resp: 39138

Ion Ratio Lower Upper

146 100

148 61.4 50.5 75.7

111 48.2 36.7 55.1



#15

Benzyl Alcohol

Concen: 5.367 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

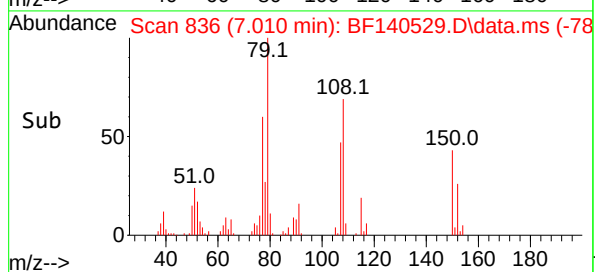
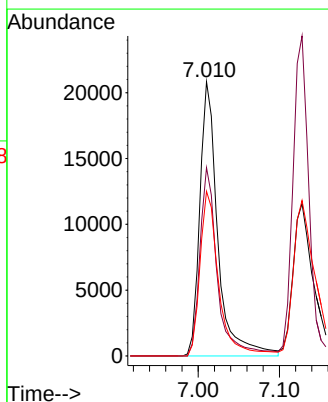
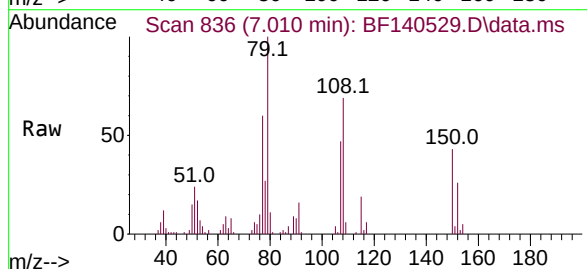
Tgt Ion: 79 Resp: 32114

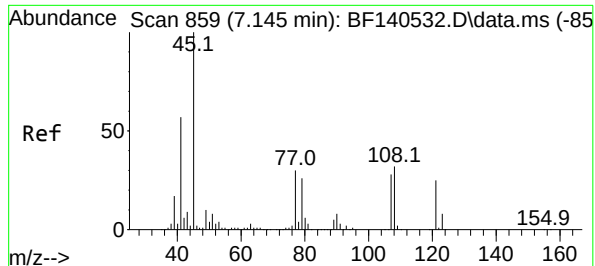
Ion Ratio Lower Upper

79 100

108 68.7 55.0 82.6

77 60.1 50.1 75.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.765 ng

RT: 7.146 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

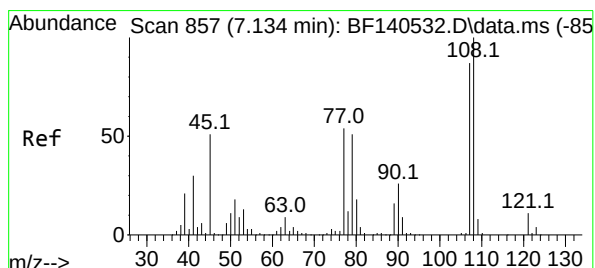
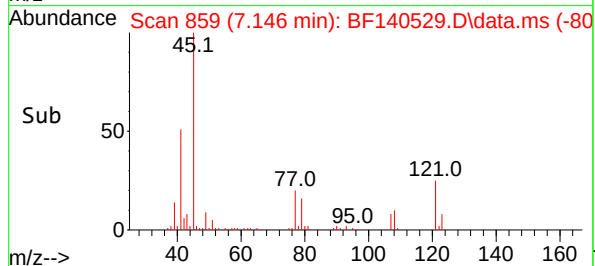
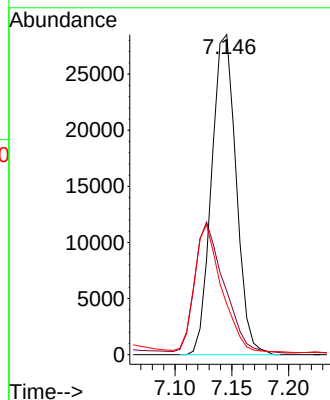
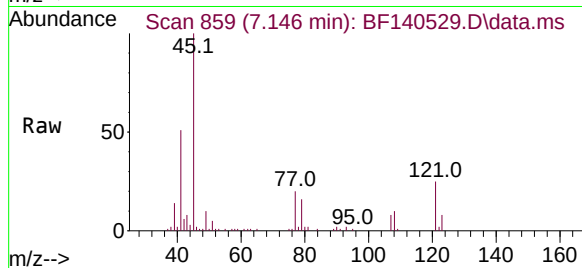
Tgt Ion: 45 Resp: 42946

Ion Ratio Lower Upper

45 100

77 19.9 10.7 50.7

79 15.8 7.0 47.0



#17

2-Methylphenol

Concen: 5.553 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion: 107 Resp: 29188

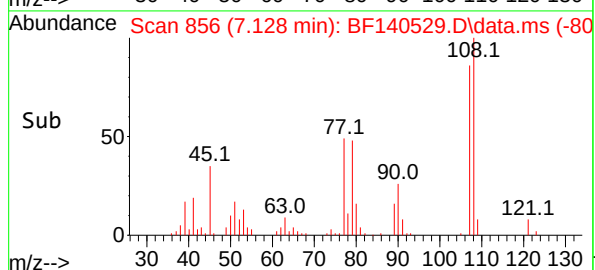
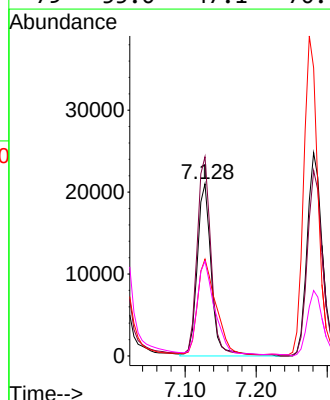
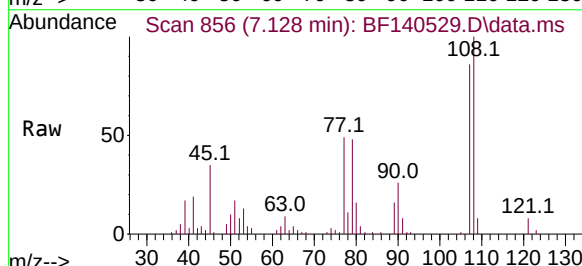
Ion Ratio Lower Upper

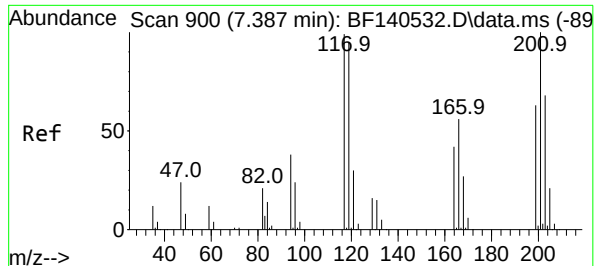
107 100

108 115.6 91.7 137.5

77 56.2 49.3 73.9

79 55.0 47.1 70.7





#18

Hexachloroethane

Concen: 5.577 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

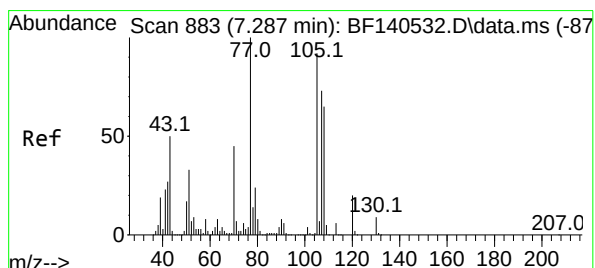
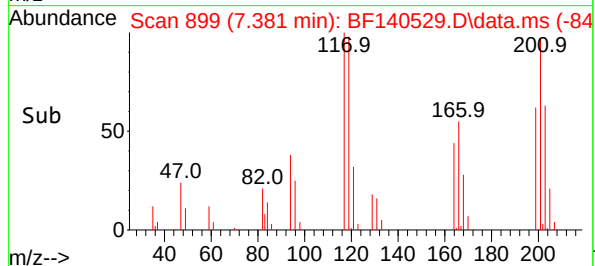
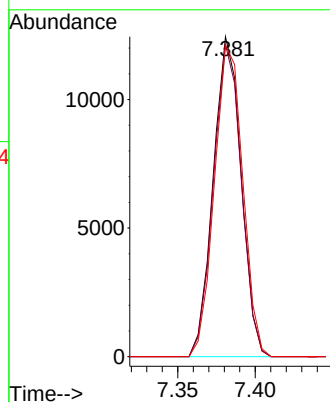
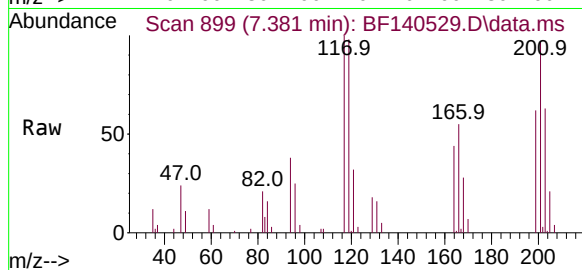
Tgt Ion:117 Resp: 15560

Ion Ratio Lower Upper

117 100

119 97.6 77.1 115.7

201 97.4 81.1 121.7



#19

n-Nitroso-di-n-propylamine

Concen: 5.470 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion: 70 Resp: 26085

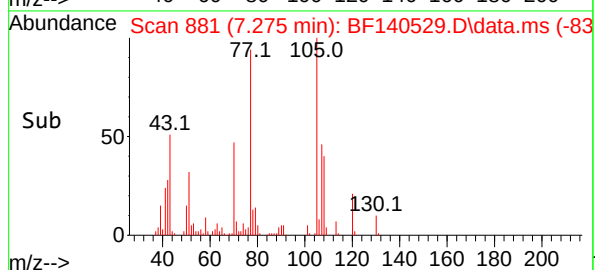
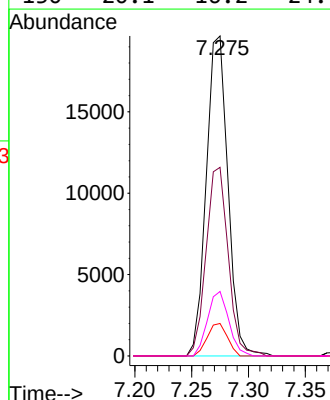
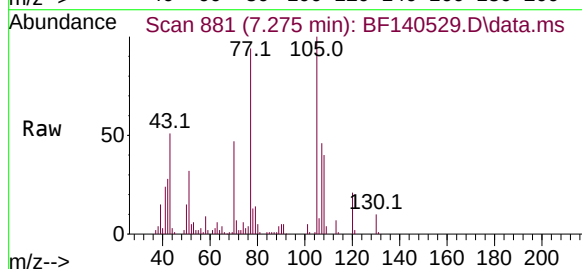
Ion Ratio Lower Upper

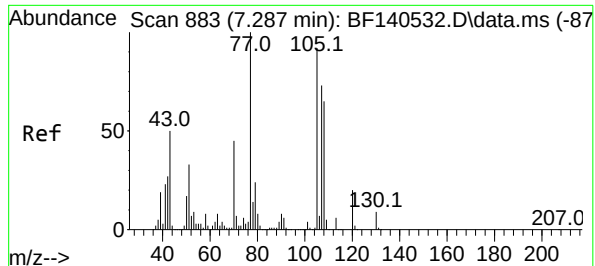
70 100

42 58.9 47.6 71.4

101 10.2 7.6 11.4

130 20.1 16.2 24.4





#20

3+4-Methylphenols

Concen: 5.760 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140529.D

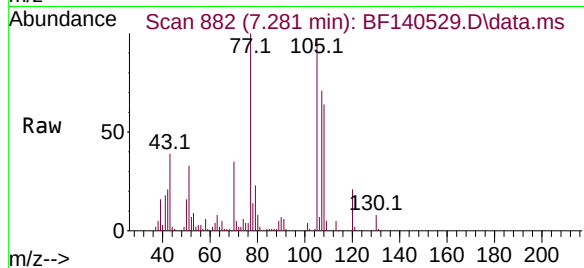
Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:107 Resp: 38915

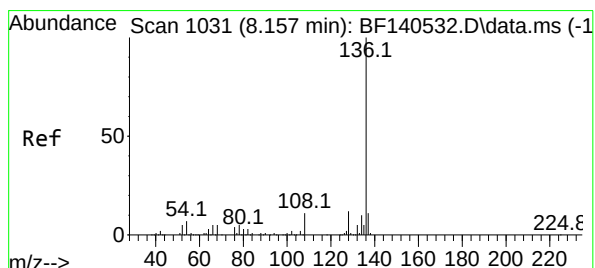
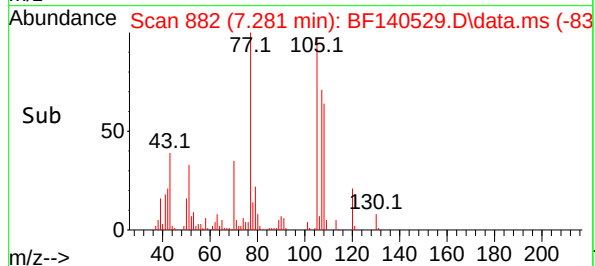
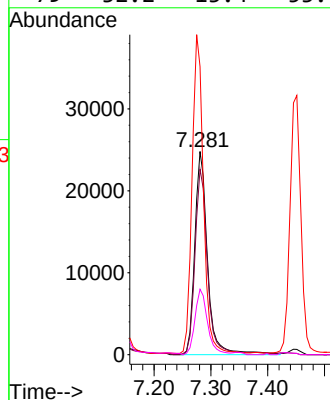
Ion Ratio Lower Upper

107 100

108 91.2 69.9 109.9

77 141.7 117.7 157.7

79 32.2 13.4 53.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:136 Resp: 395935

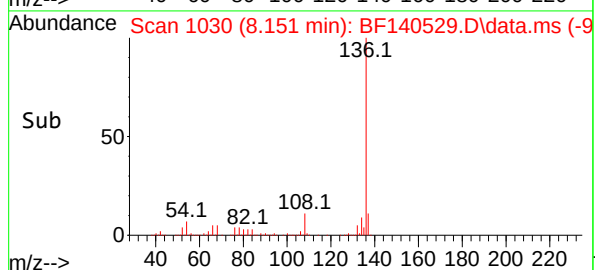
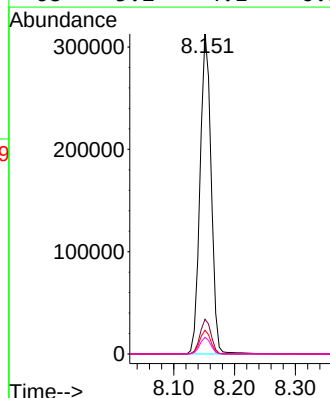
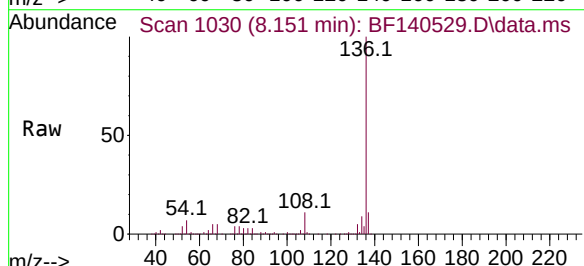
Ion Ratio Lower Upper

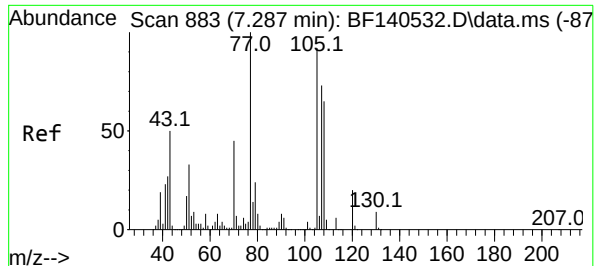
136 100

137 10.9 8.6 13.0

54 7.4 5.8 8.8

68 5.2 4.1 6.1





#22

Acetophenone

Concen: 5.492 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140529.D

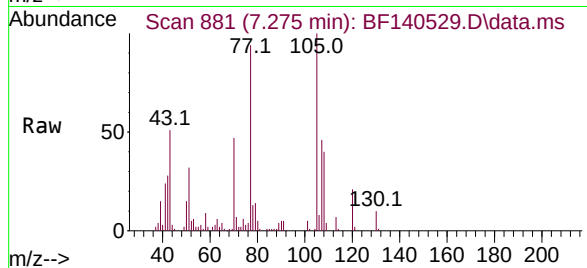
Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:105 Resp: 53017

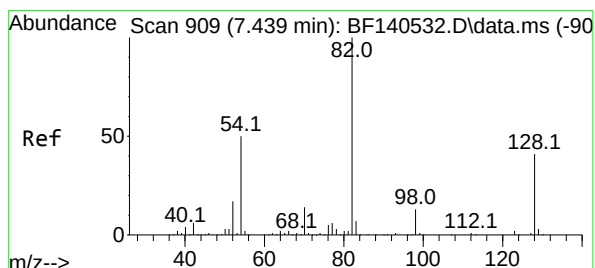
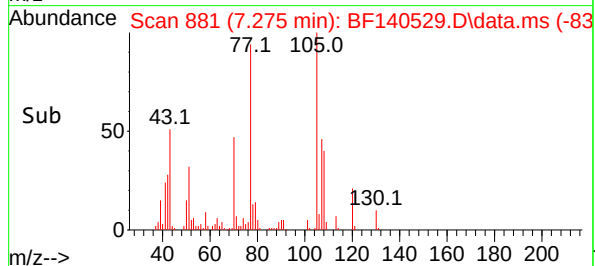
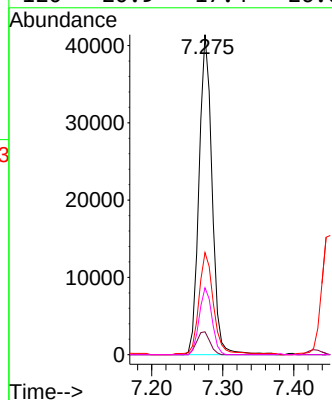
Ion Ratio Lower Upper

105 100

71 7.2 6.2 9.2

51 31.9 29.0 43.6

120 20.9 17.4 26.0



#23

Nitrobenzene-d5

Concen: 10.457 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

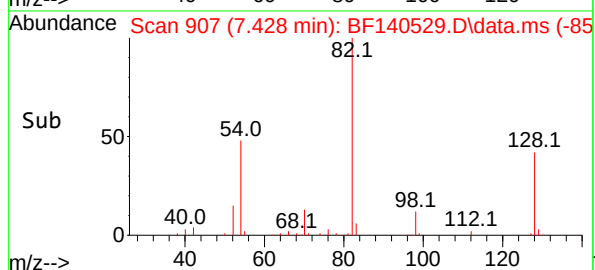
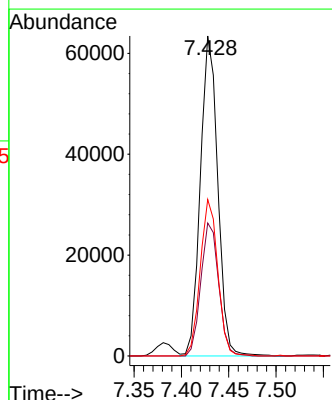
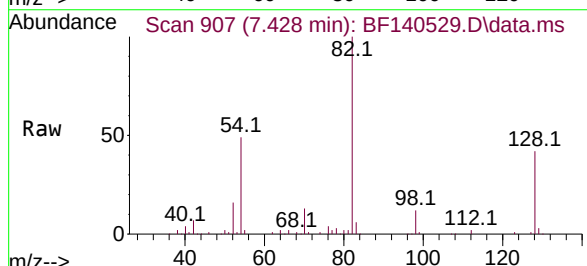
Tgt Ion: 82 Resp: 80941

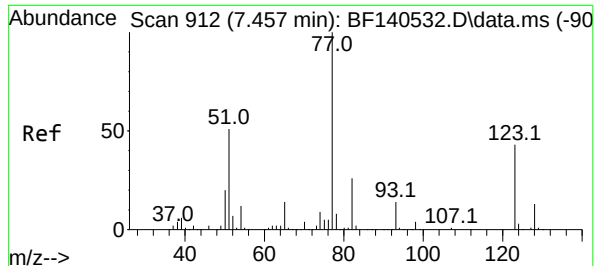
Ion Ratio Lower Upper

82 100

128 41.6 33.0 49.4

54 48.9 39.5 59.3





#24

Nitrobenzene

Concen: 5.432 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

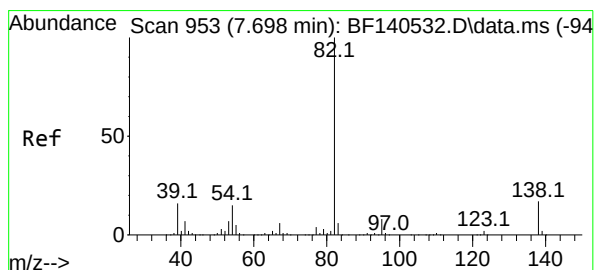
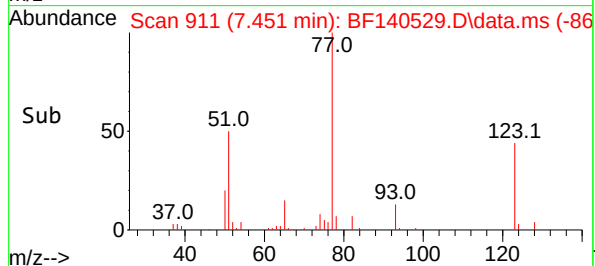
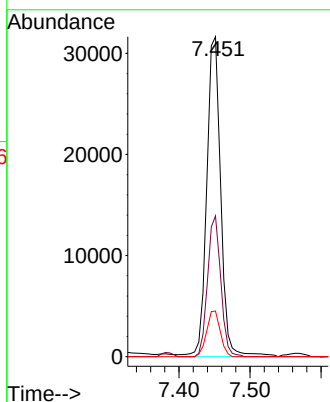
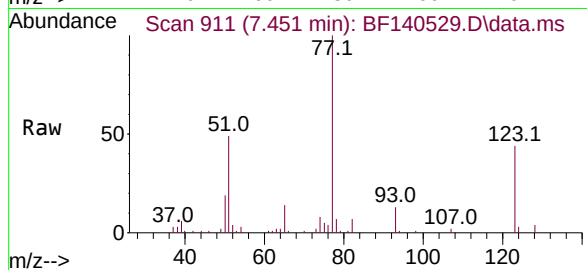
Tgt Ion: 77 Resp: 43460

Ion Ratio Lower Upper

77 100

123 44.0 34.3 51.5

65 14.3 11.2 16.8



#25

Isophorone

Concen: 5.321 ng

RT: 7.687 min Scan# 951

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

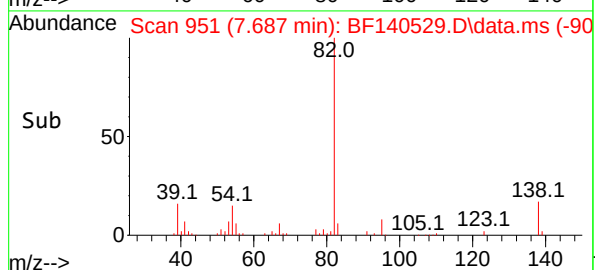
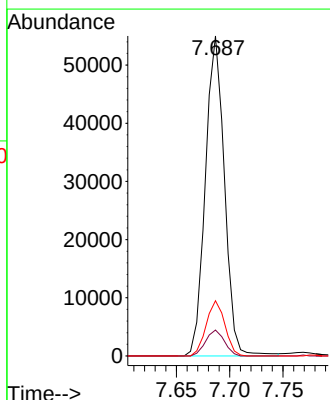
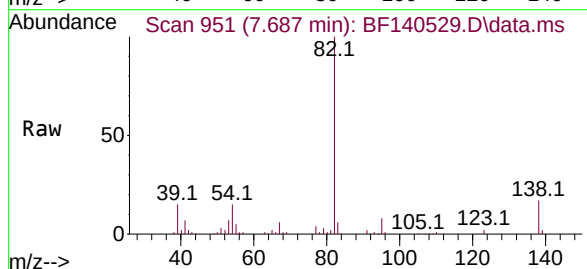
Tgt Ion: 82 Resp: 68701

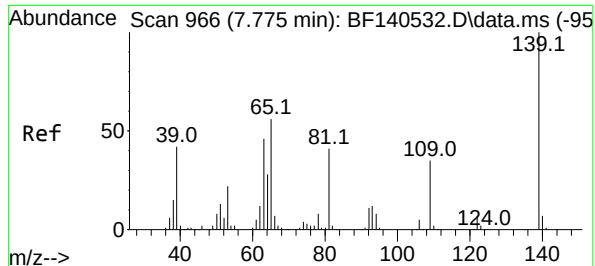
Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 17.2 13.8 20.6

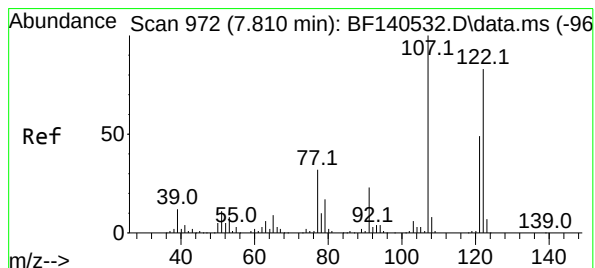
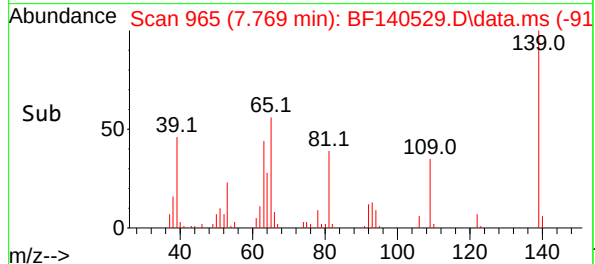
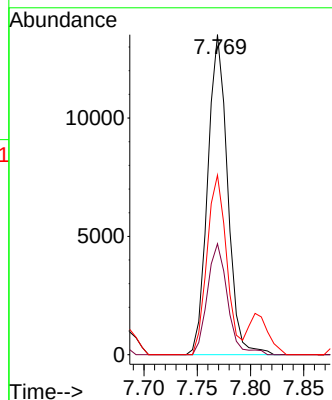
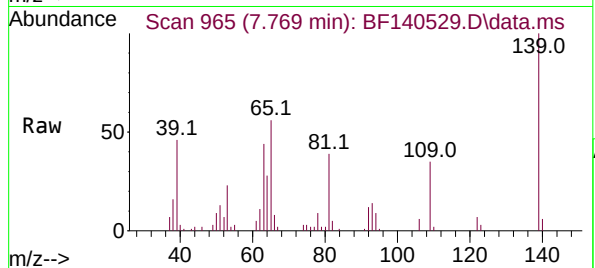




#26
2-Nitrophenol
Concen: 4.964 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

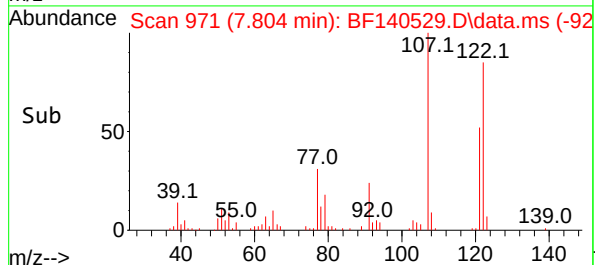
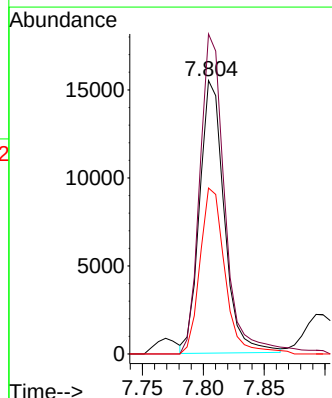
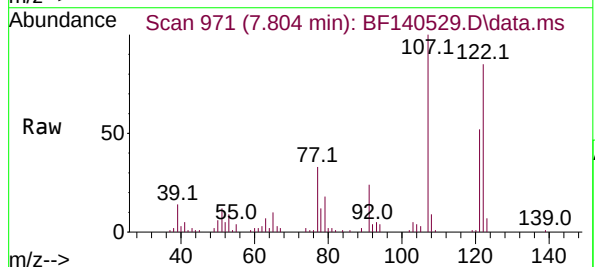
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

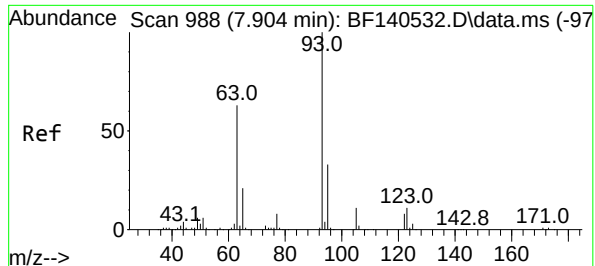
Tgt Ion:139 Resp: 17600
Ion Ratio Lower Upper
139 100
109 34.7 28.0 42.0
65 56.1 44.6 67.0



#27
2,4-Dimethylphenol
Concen: 5.149 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:122 Resp: 21843
Ion Ratio Lower Upper
122 100
107 117.0 96.8 145.2
121 60.7 47.4 71.0





#28

bis(2-Chloroethoxy)methane

Concen: 5.383 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

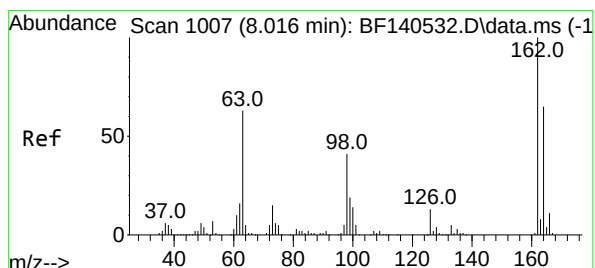
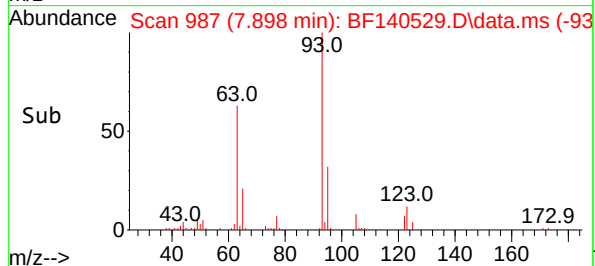
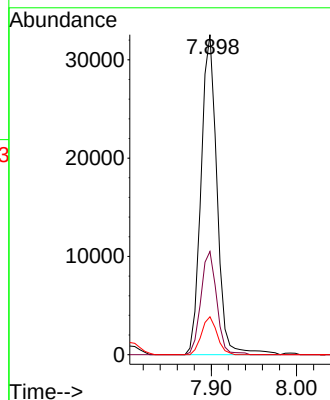
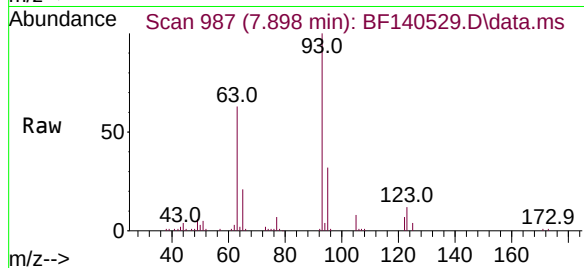
Tgt Ion: 93 Resp: 42337

Ion Ratio Lower Upper

93 100

95 32.2 26.1 39.1

123 11.9 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 5.305 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

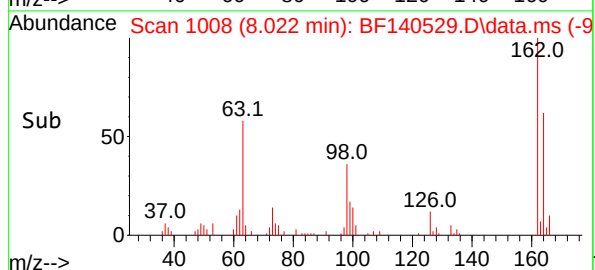
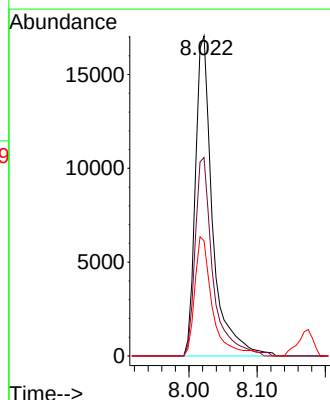
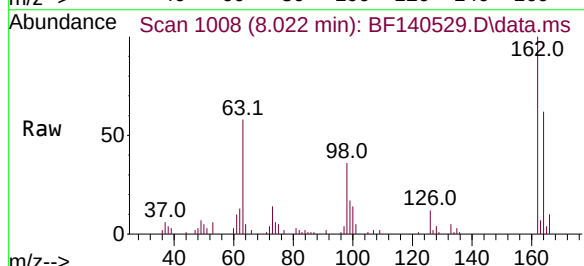
Tgt Ion:162 Resp: 29819

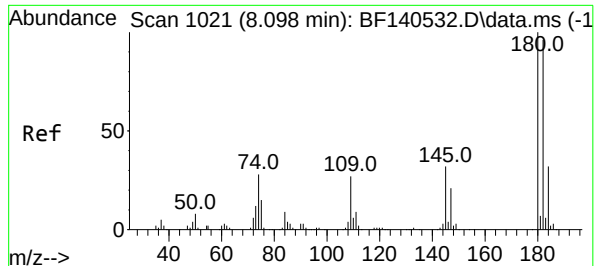
Ion Ratio Lower Upper

162 100

164 62.0 44.8 84.8

98 36.0 21.2 61.2





#30

1,2,4-Trichlorobenzene

Concen: 5.280 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

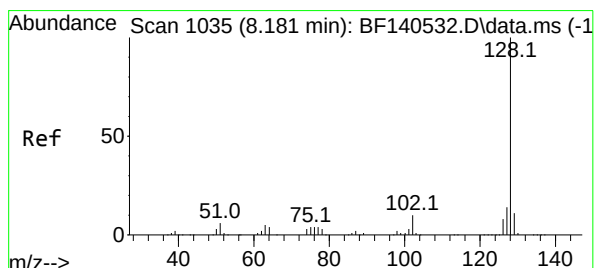
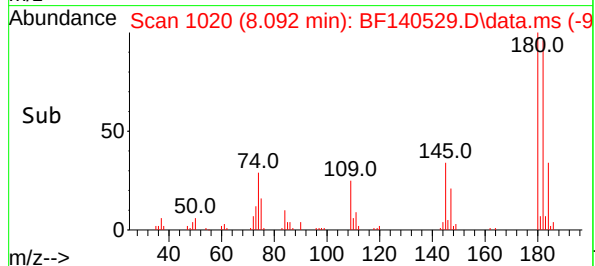
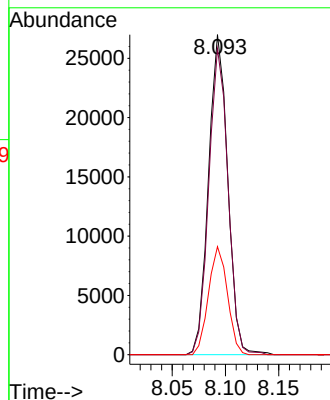
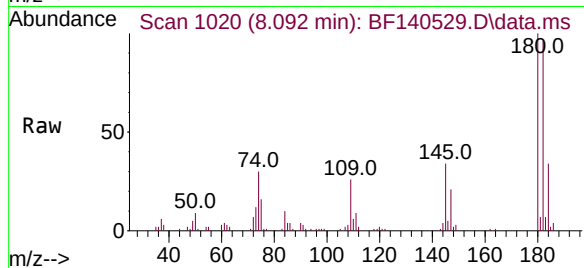
Tgt Ion:180 Resp: 33886

Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

145 33.8 25.9 38.9



#31

Naphthalene

Concen: 5.418 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

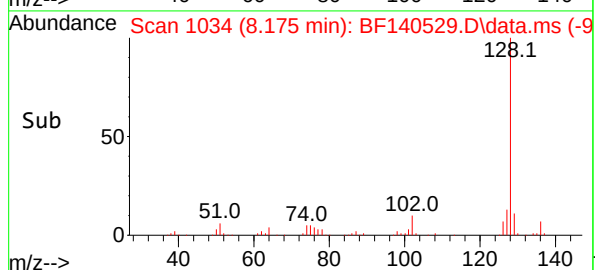
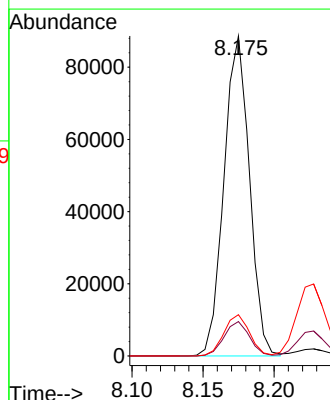
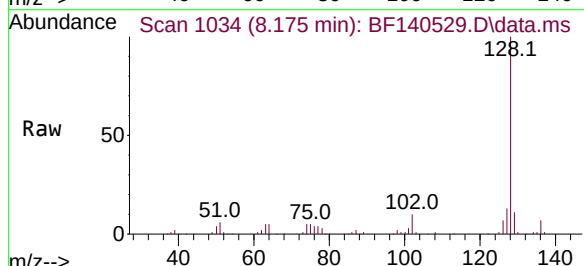
Tgt Ion:128 Resp: 110501

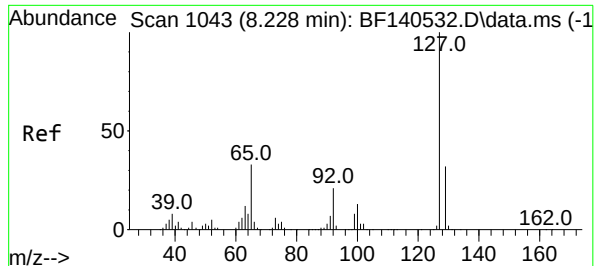
Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.9 10.8 16.2

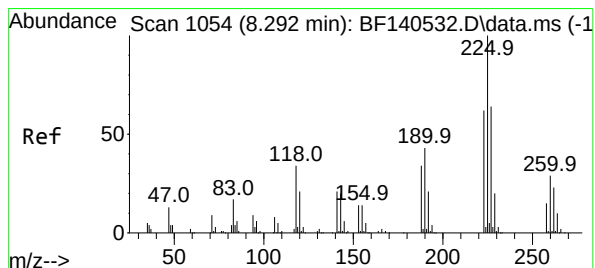
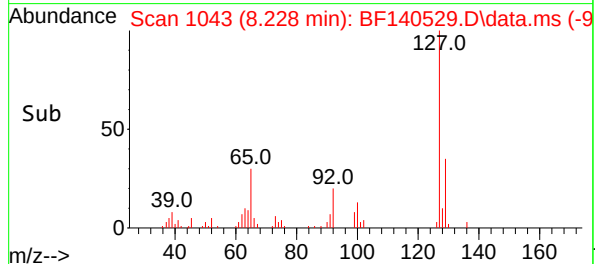
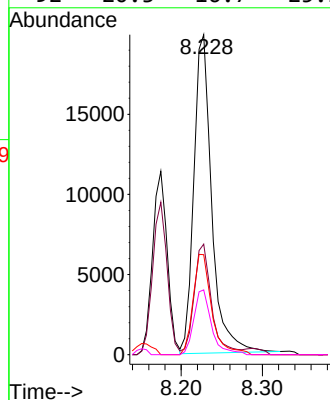
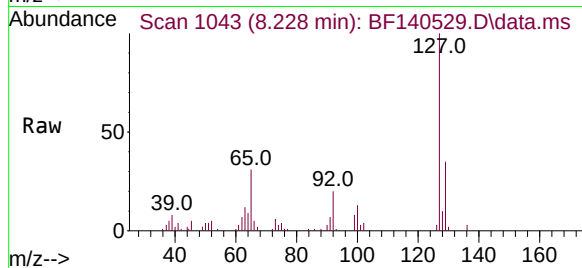




#33
4-Chloroaniline
Concen: 4.985 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

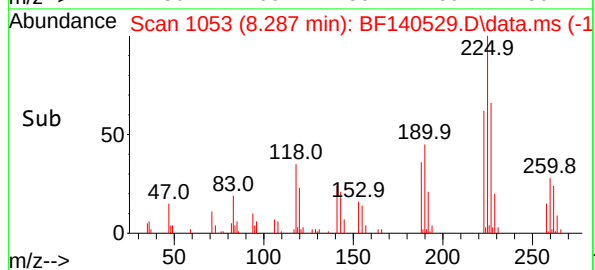
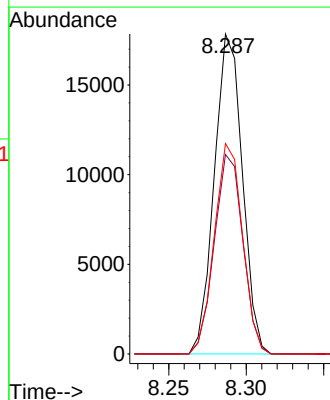
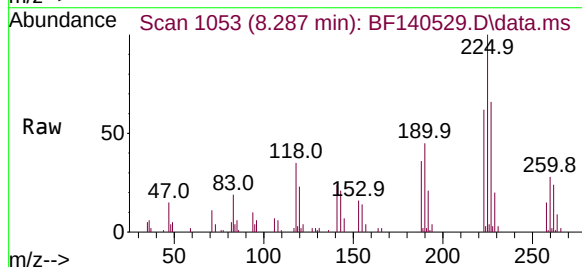
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

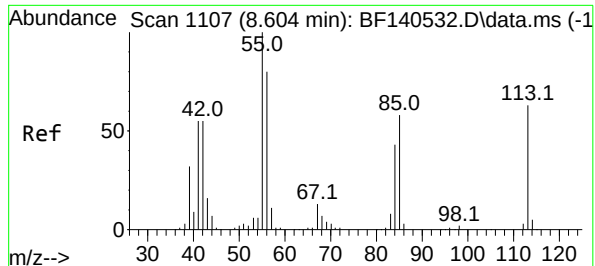
Tgt Ion:	127	Resp:	30440
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.0	39.0
65	31.3	26.0	39.0
92	20.3	16.7	25.1



#34
Hexachlorobutadiene
Concen: 5.280 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:	225	Resp:	22446
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	65.7	51.3	76.9

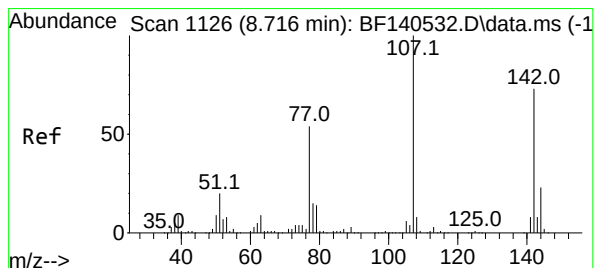
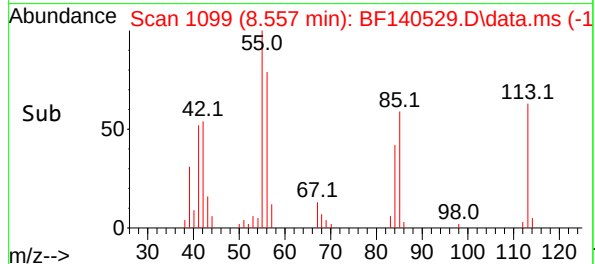
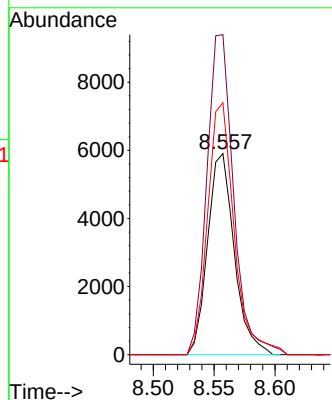
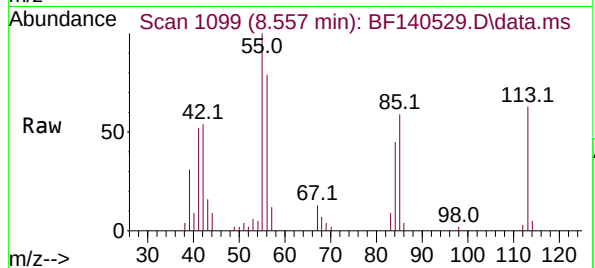




#35
Caprolactam
Concen: 5.165 ng
RT: 8.557 min Scan# 1099
Delta R.T. -0.047 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

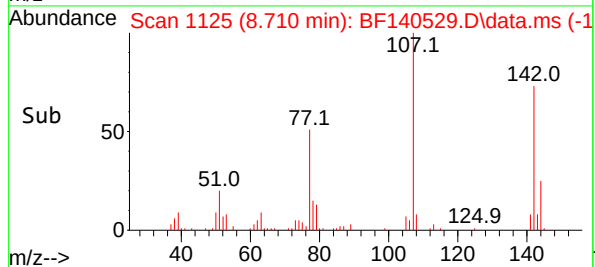
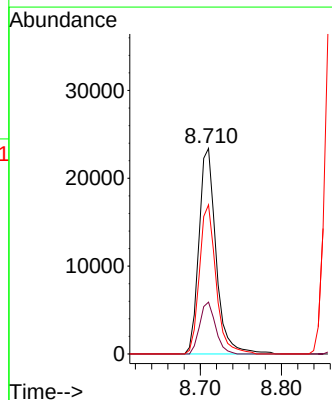
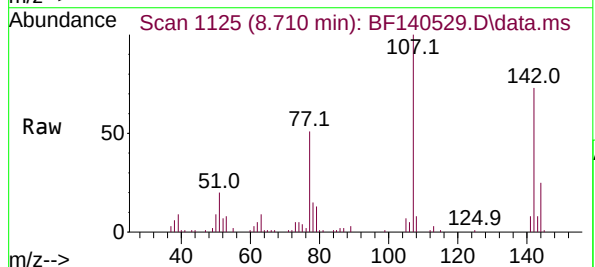
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

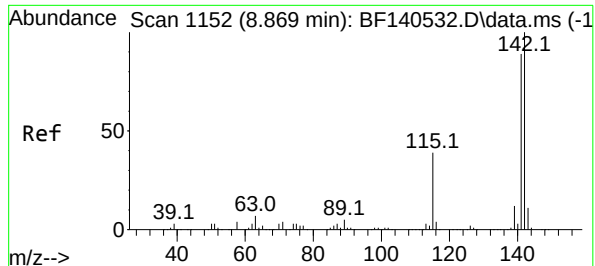
Tgt Ion:113 Resp: 8985
Ion Ratio Lower Upper
113 100
55 159.1 137.7 177.7
56 125.3 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 5.467 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:107 Resp: 34404
Ion Ratio Lower Upper
107 100
144 25.2 18.7 28.1
142 72.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 5.536 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

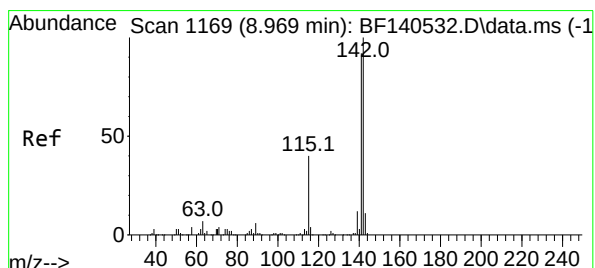
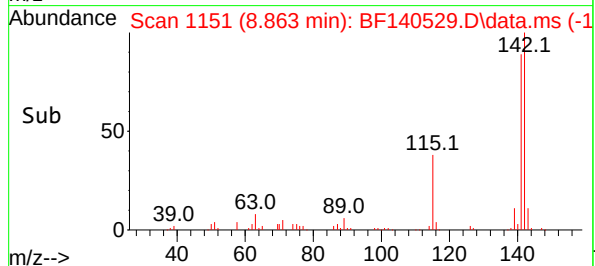
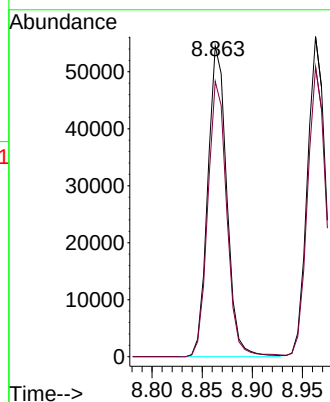
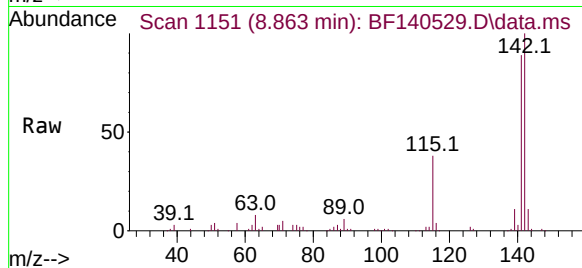
SSTDICC005

Tgt Ion:142 Resp: 71706

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 5.510 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140529.D

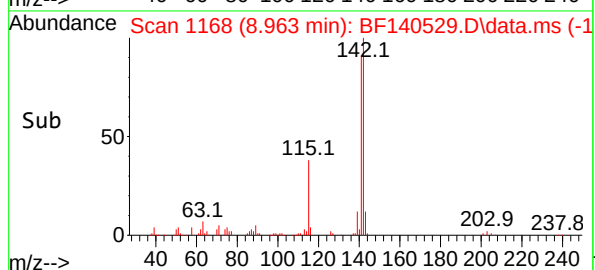
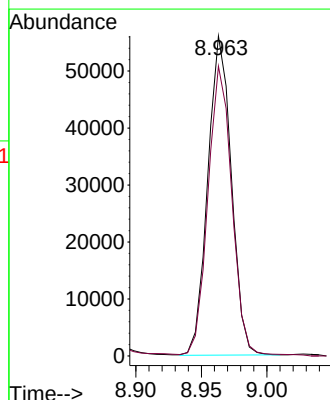
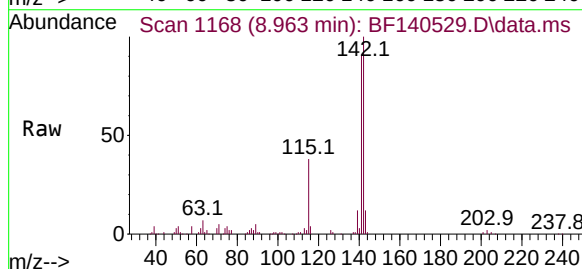
Acq: 21 Nov 2024 11:39

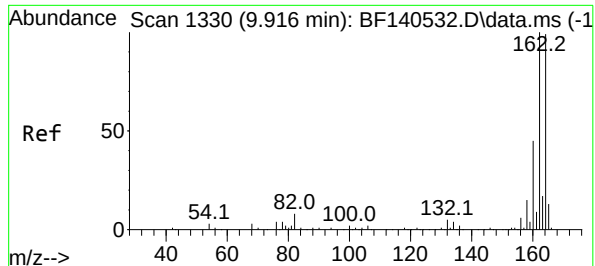
Tgt Ion:142 Resp: 69955

Ion Ratio Lower Upper

142 100

141 90.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

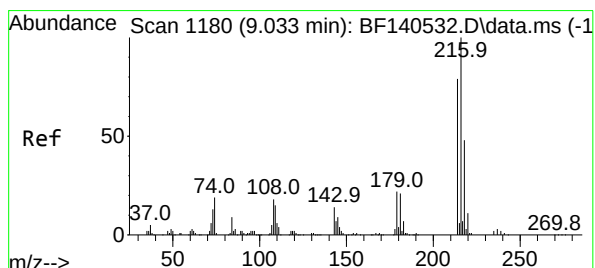
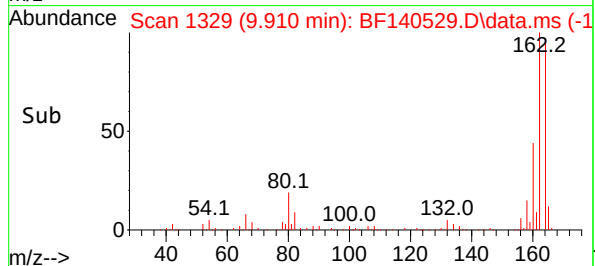
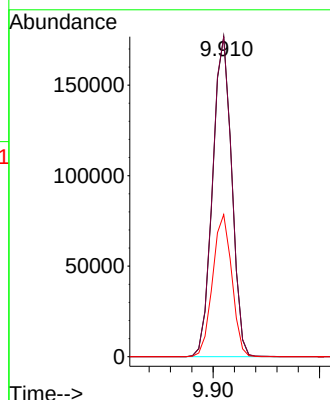
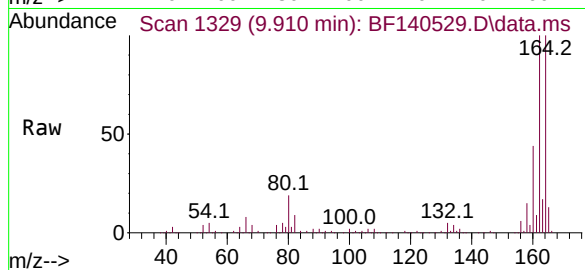
Tgt Ion:164 Resp: 219293

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.426 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:216 Resp: 34836

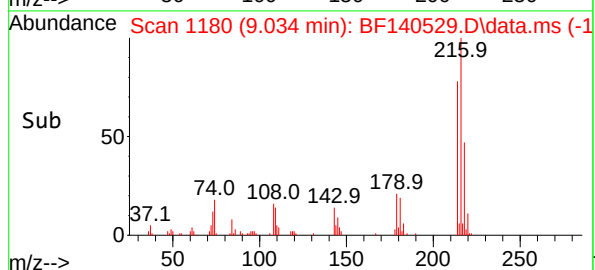
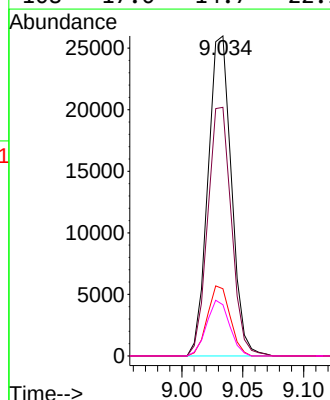
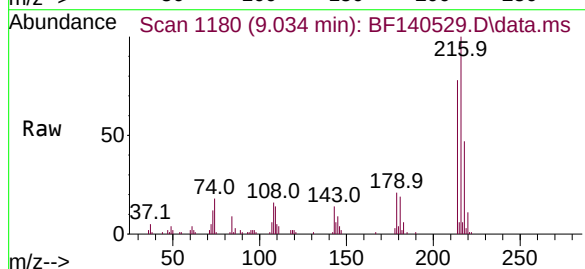
Ion Ratio Lower Upper

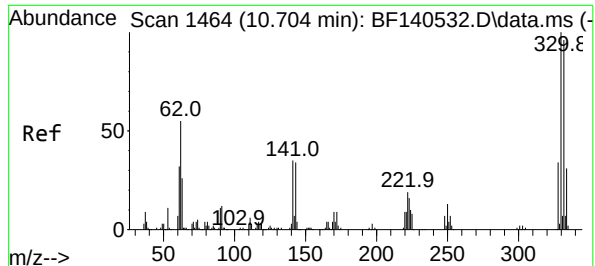
216 100

214 78.2 63.0 94.4

179 21.3 17.5 26.3

108 17.0 14.7 22.1





#42

2,4,6-Tribromophenol

Concen: 10.379 ng

RT: 10.698 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

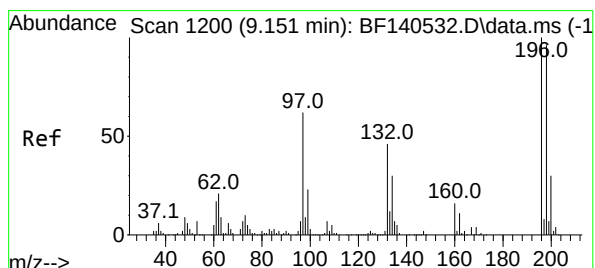
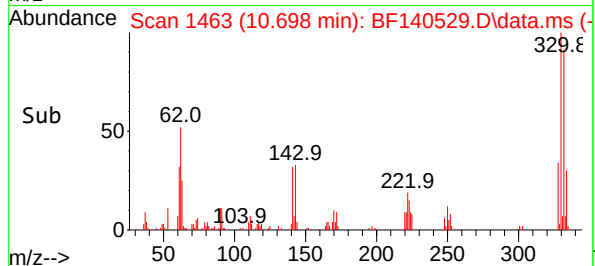
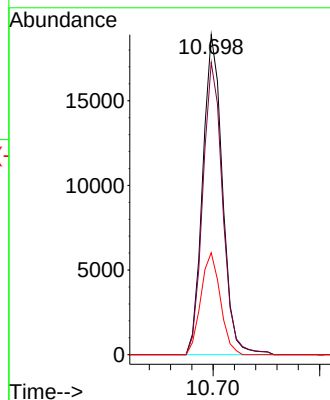
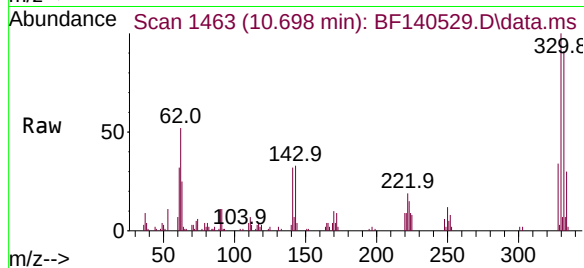
Tgt Ion:330 Resp: 24342

Ion Ratio Lower Upper

330 100

332 91.8 76.9 115.3

141 31.5 26.7 40.1



#43

2,4,6-Trichlorophenol

Concen: 5.224 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

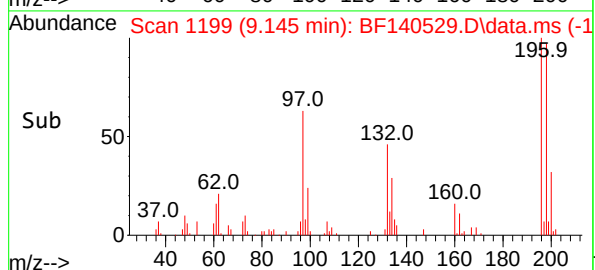
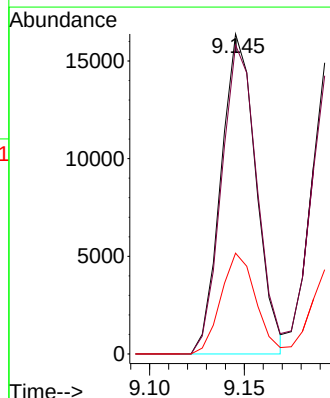
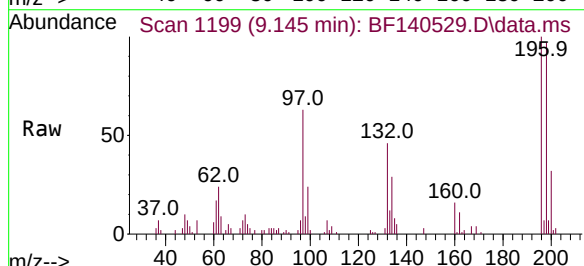
Tgt Ion:196 Resp: 21046

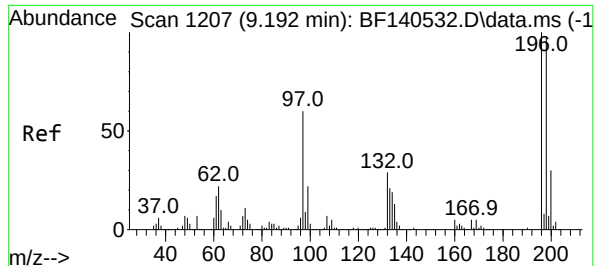
Ion Ratio Lower Upper

196 100

198 96.6 76.8 115.2

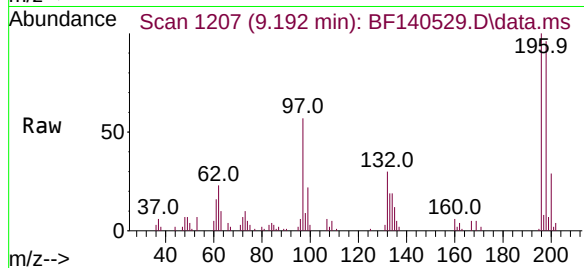
200 31.5 24.3 36.5



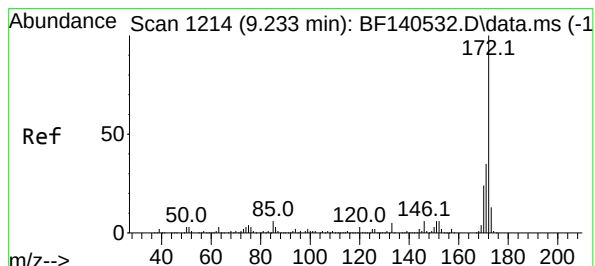
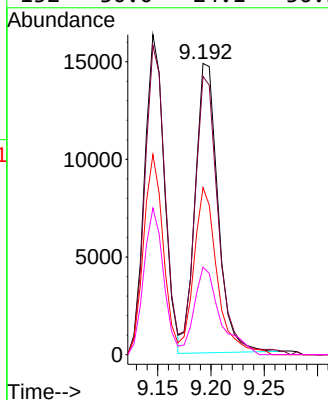
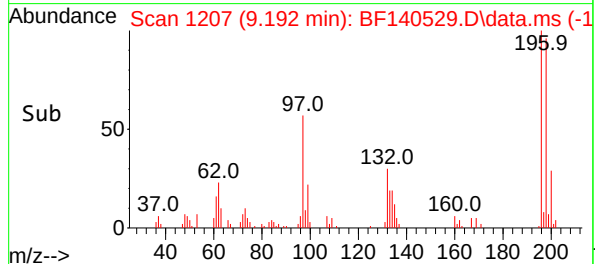


#44
2,4,5-Trichlorophenol
Concen: 5.046 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

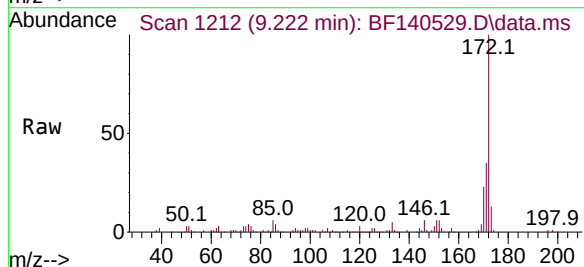
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



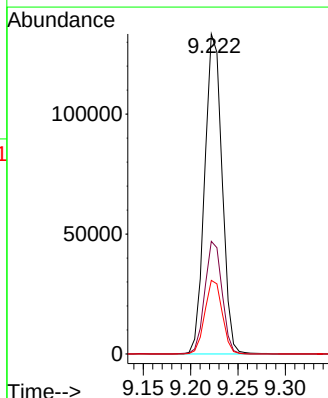
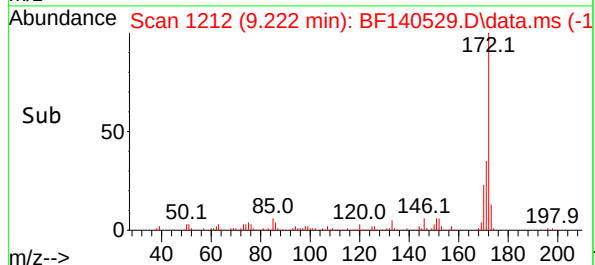
Tgt Ion:196 Resp: 22061
Ion Ratio Lower Upper
196 100
198 95.5 77.2 115.8
97 57.4 47.1 70.7
132 30.0 24.1 36.1

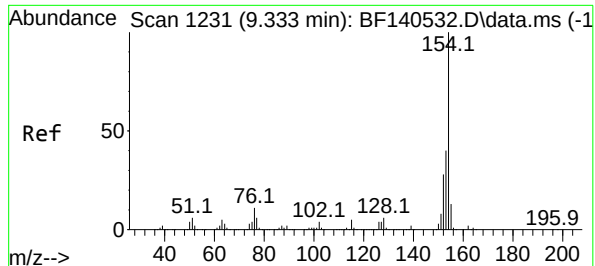


#45
2-Fluorobiphenyl
Concen: 11.550 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39



Tgt Ion:172 Resp: 170000
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.0 19.0 28.6

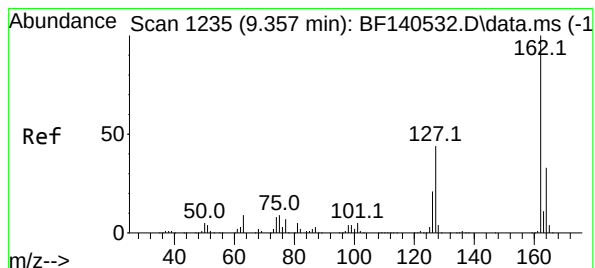
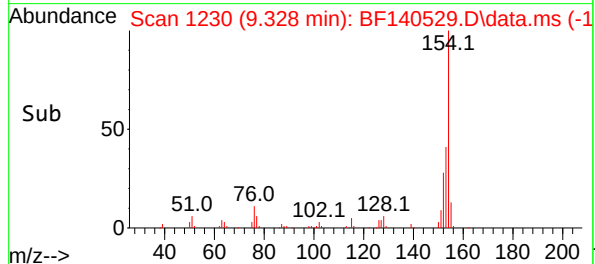
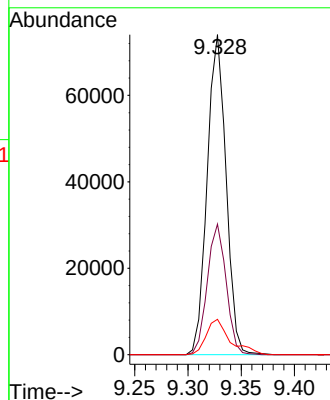
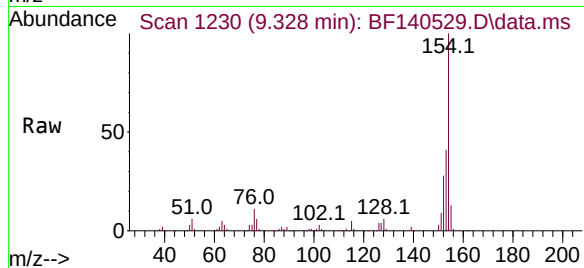




#46
1,1'-Biphenyl
Concen: 5.579 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

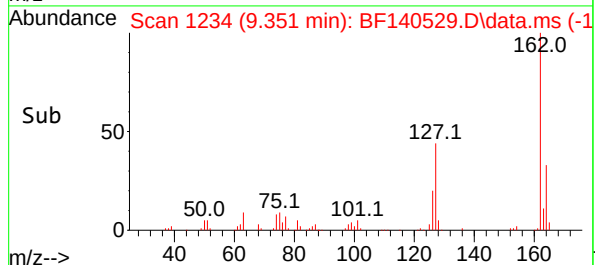
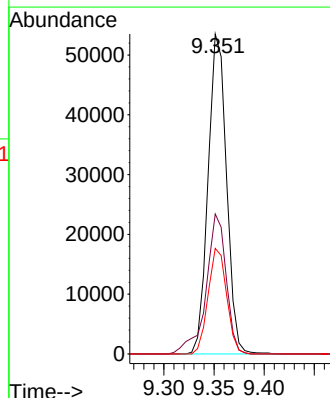
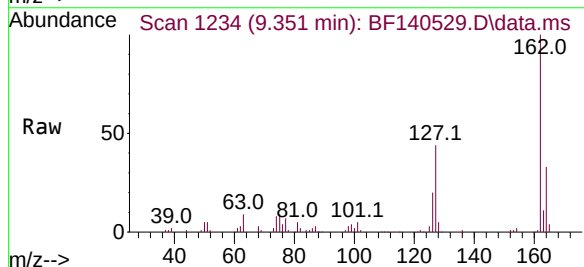
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

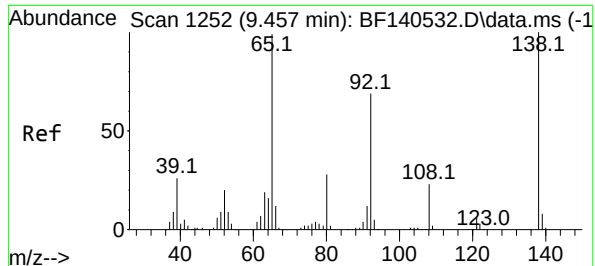
Tgt Ion:154 Resp: 91336
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.0 0.0 31.2



#47
2-Chloronaphthalene
Concen: 5.526 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:162 Resp: 68559
Ion Ratio Lower Upper
162 100
127 43.8 35.7 53.5
164 33.0 26.1 39.1

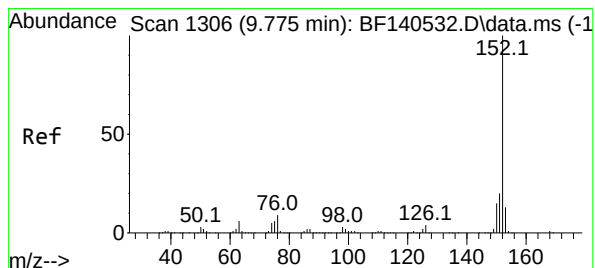
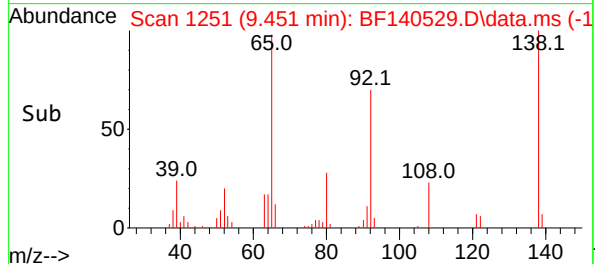
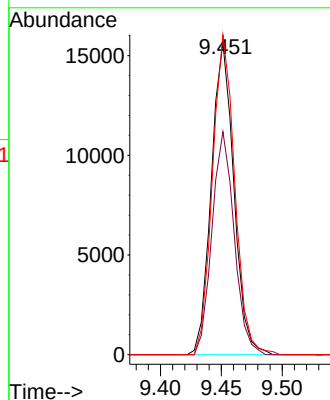
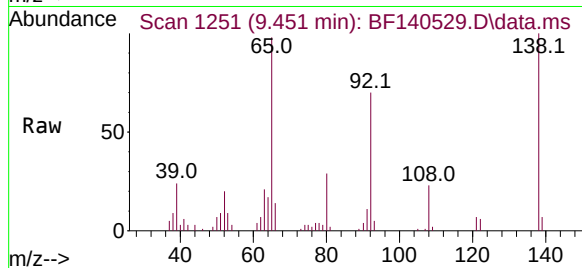




#48
2-Nitroaniline
Concen: 5.050 ng
RT: 9.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

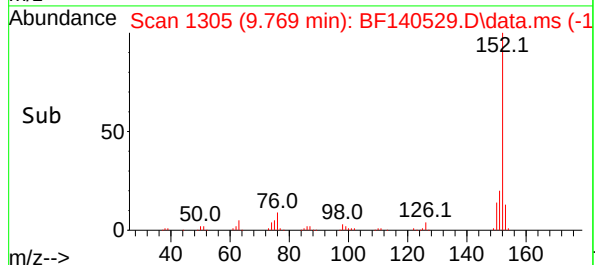
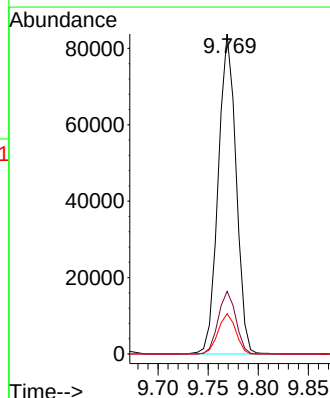
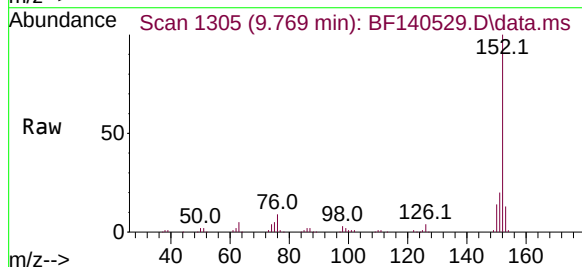
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

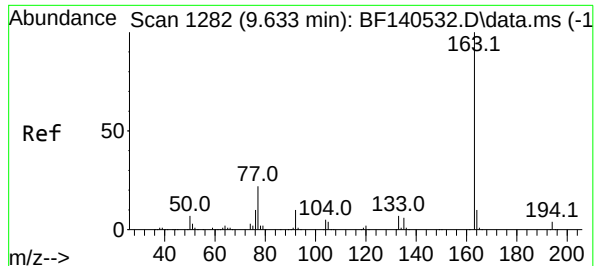
Tgt Ion:	65	Resp:	20109
Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.1	84.1
138	102.5	81.0	121.6



#49
Acenaphthylene
Concen: 5.527 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:	152	Resp:	103605
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.6	10.6	16.0

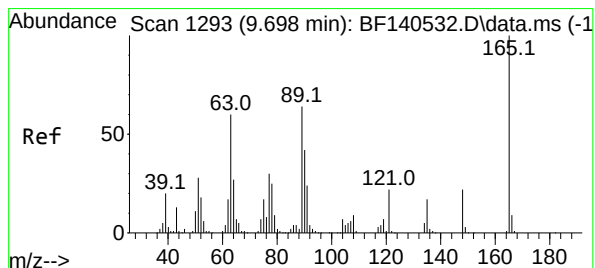
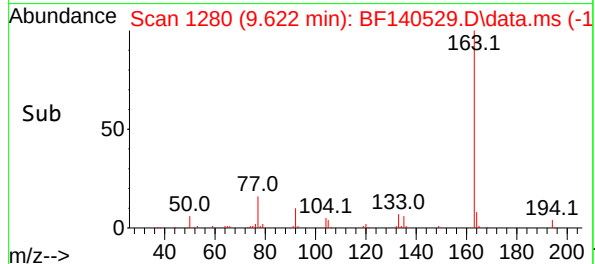
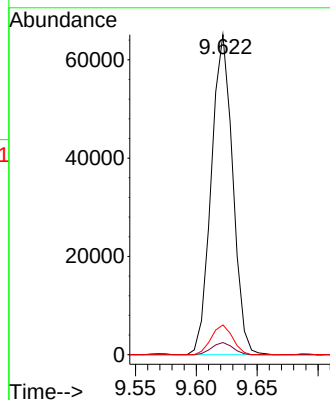
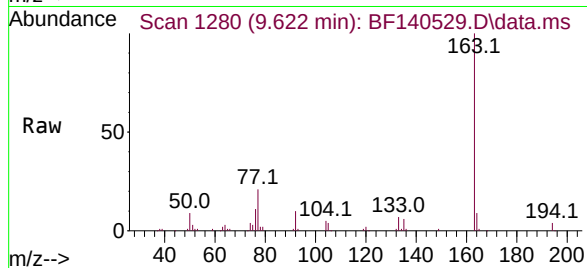




#50
Dimethylphthalate
Concen: 5.523 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

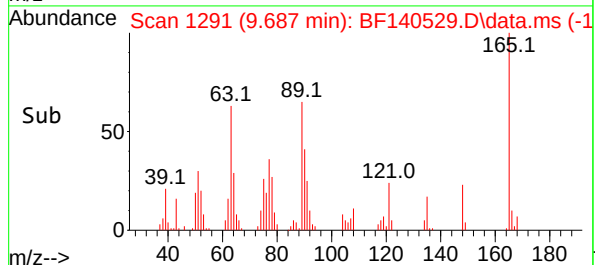
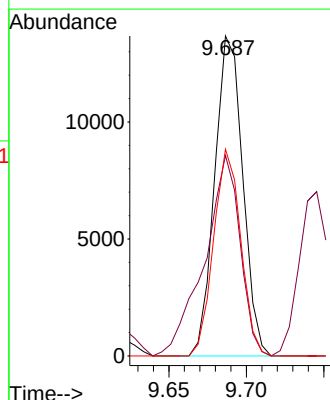
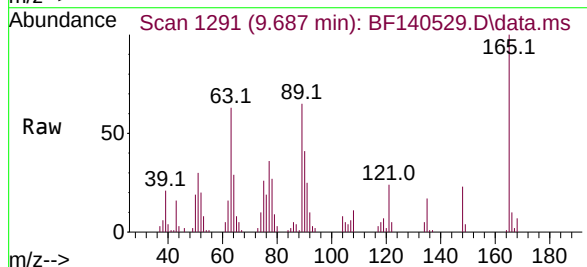
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

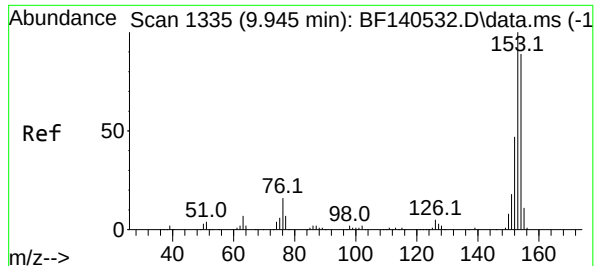
Tgt Ion:163 Resp: 79770
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.3 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 5.256 ng
RT: 9.687 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:165 Resp: 17217
Ion Ratio Lower Upper
165 100
63 62.7 49.9 74.9
89 64.6 50.9 76.3

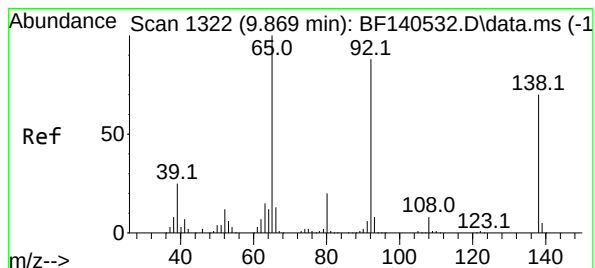
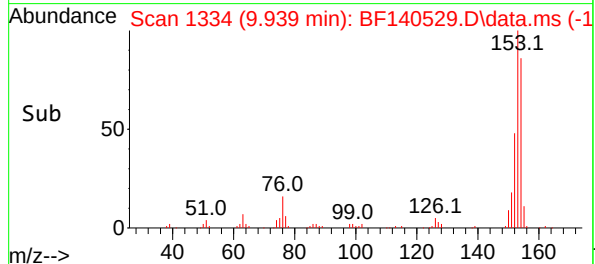
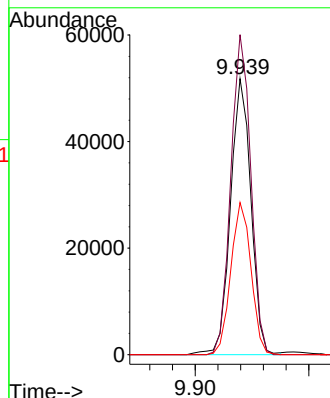
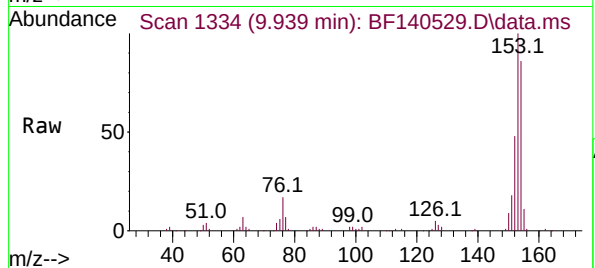




#52
Acenaphthene
Concen: 5.337 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

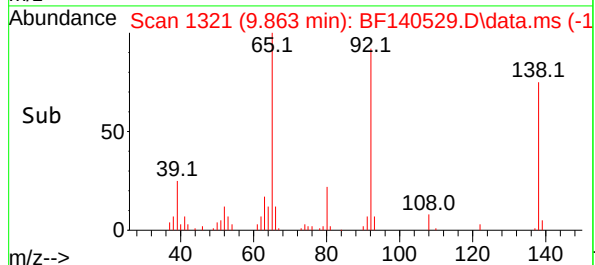
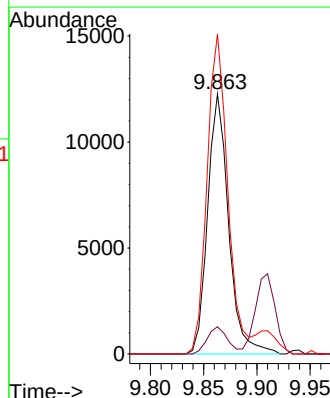
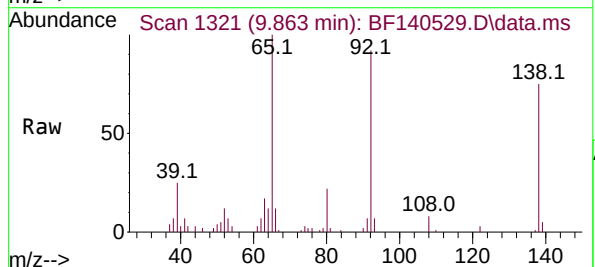
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

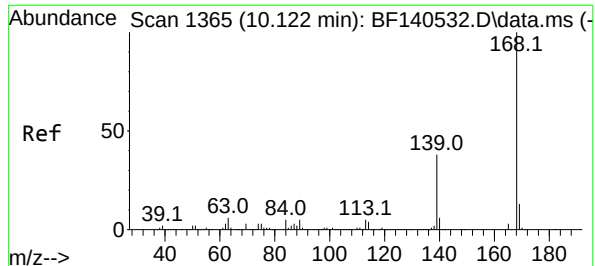
Tgt Ion:154 Resp: 64777
Ion Ratio Lower Upper
154 100
153 116.0 89.7 134.5
152 55.1 42.5 63.7



#53
3-Nitroaniline
Concen: 5.257 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:138 Resp: 16842
Ion Ratio Lower Upper
138 100
108 10.5 9.2 13.8
92 123.1 100.6 150.8





#55

Dibenzenofuran

Concen: 5.727 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

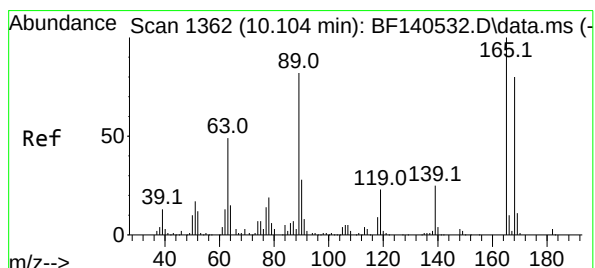
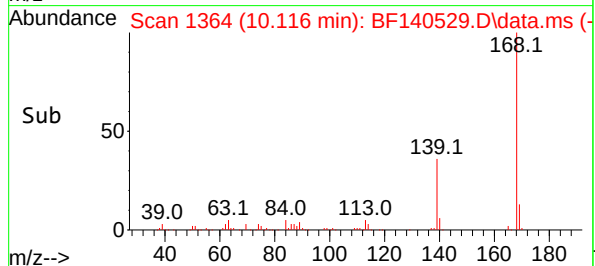
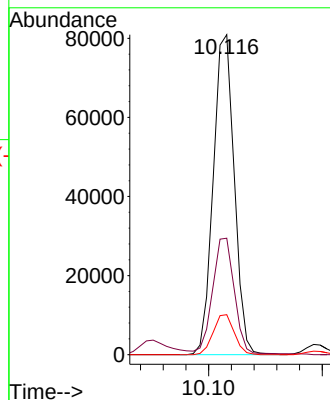
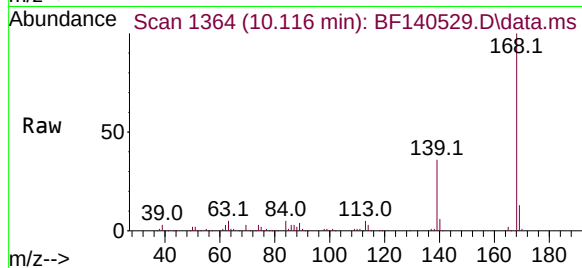
Tgt Ion:168 Resp: 104044

Ion Ratio Lower Upper

168 100

139 36.4 31.3 46.9

169 12.5 10.5 15.7



#57

2,4-Dinitrotoluene

Concen: 5.079 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion:165 Resp: 22110

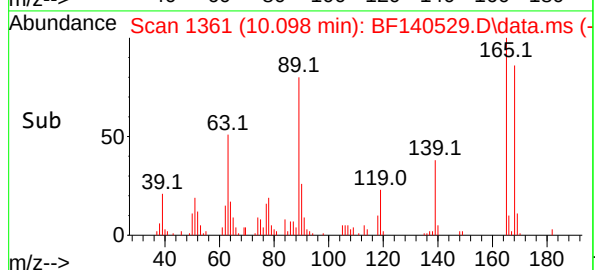
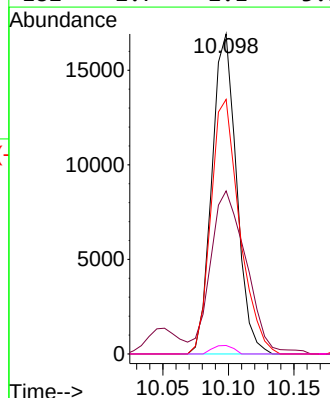
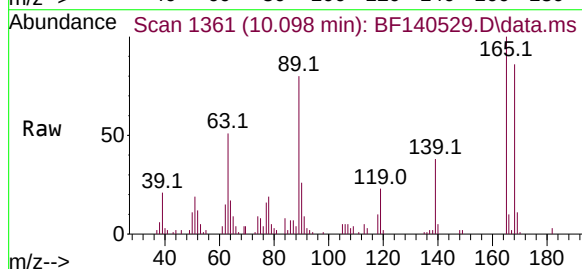
Ion Ratio Lower Upper

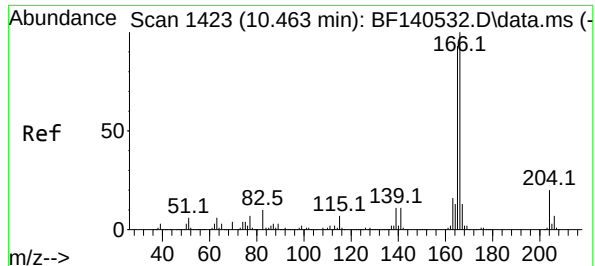
165 100

63 50.9 41.7 62.5

89 79.6 65.8 98.8

182 2.7 2.1 3.1

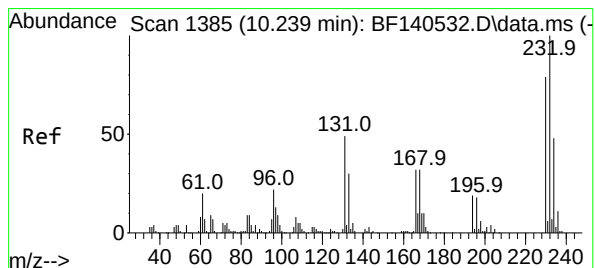
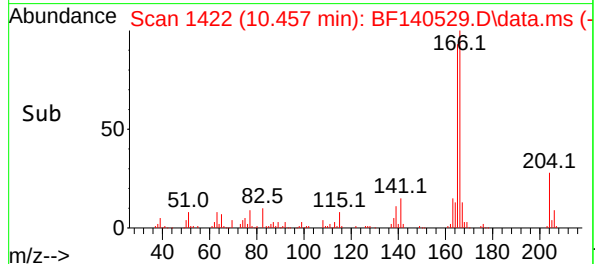
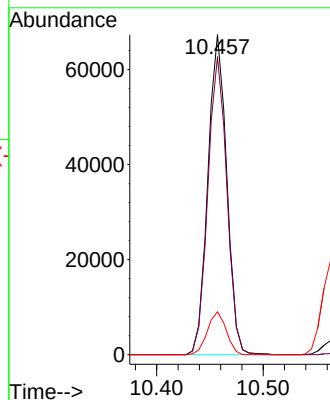
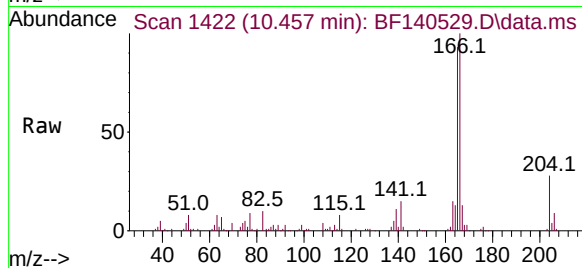




#58
Fluorene
Concen: 5.674 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

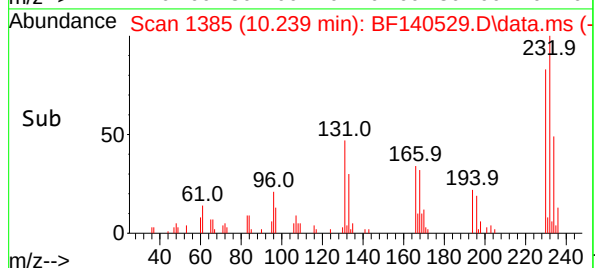
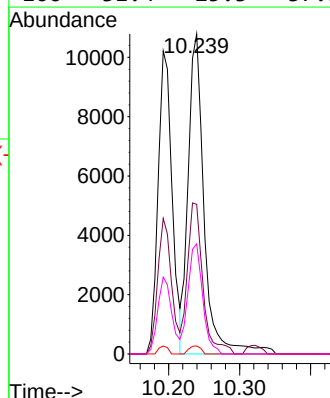
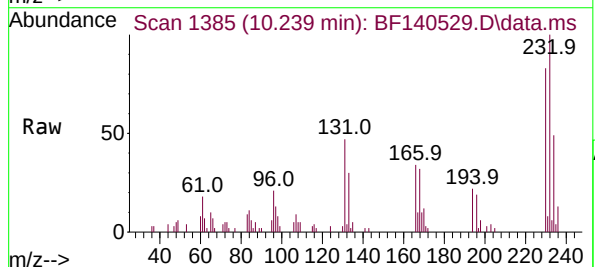
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

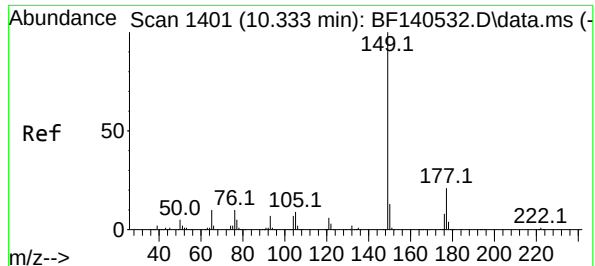
Tgt Ion:166 Resp: 82732
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.4 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 5.007 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:232 Resp: 16825
Ion Ratio Lower Upper
232 100
131 45.4 39.6 59.4
130 1.8 1.9 2.9#
166 31.4 25.3 37.9





#60

Diethylphthalate

Concen: 5.587 ng

RT: 10.322 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

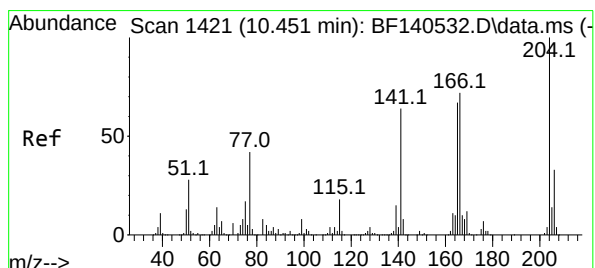
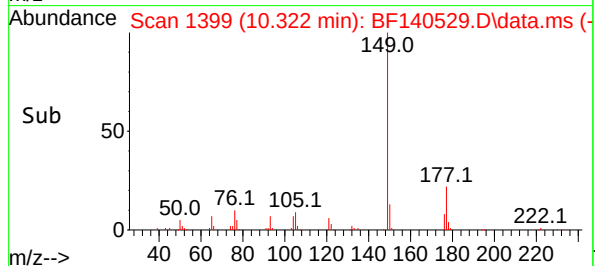
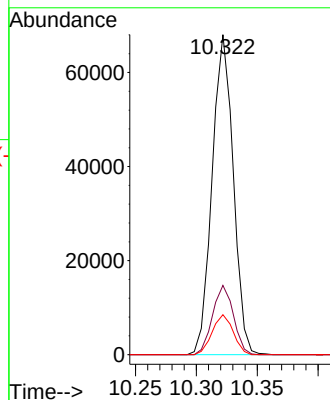
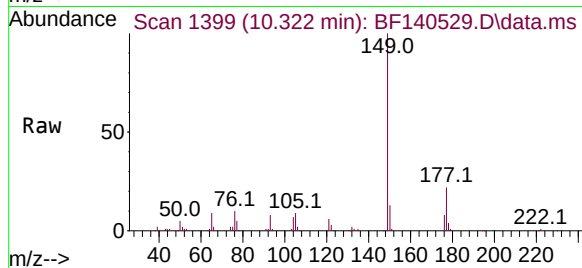
Tgt Ion:149 Resp: 81981

Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.5 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 5.665 ng

RT: 10.451 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

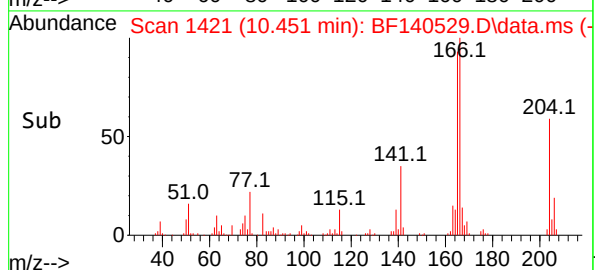
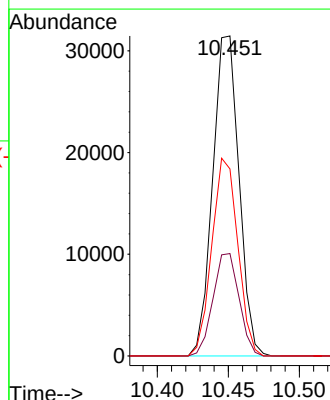
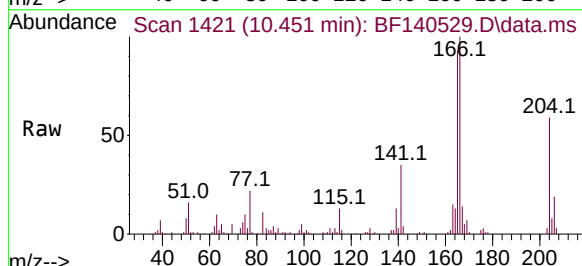
Tgt Ion:204 Resp: 40537

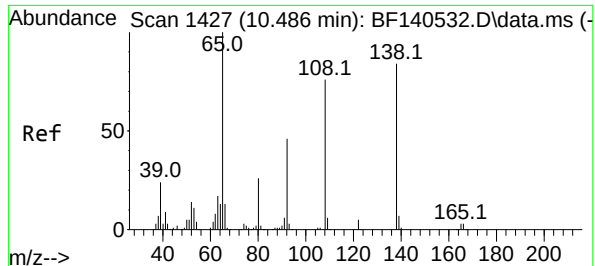
Ion Ratio Lower Upper

204 100

206 32.0 26.6 40.0

141 58.5 51.1 76.7





#62

4-Nitroaniline

Concen: 5.014 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.018 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

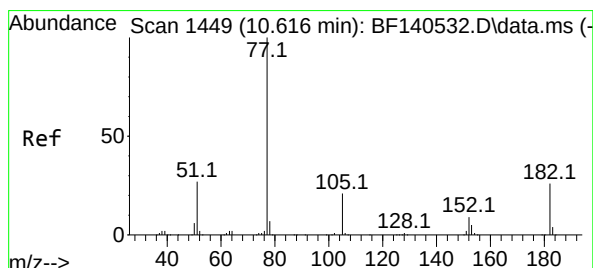
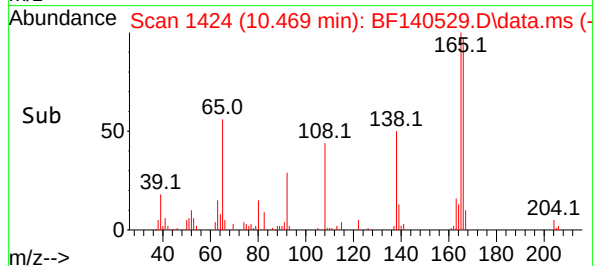
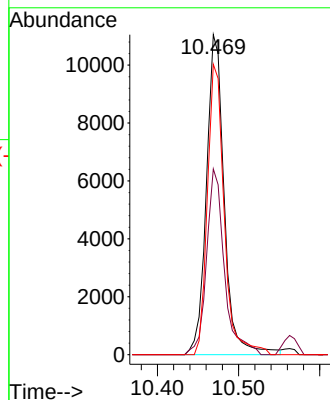
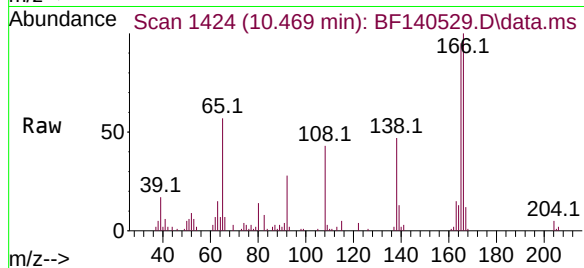
Tgt Ion:138 Resp: 16848

Ion Ratio Lower Upper

138 100

92 58.1 34.5 74.5

108 90.7 70.6 110.6



#63

Azobenzene

Concen: 5.549 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Tgt Ion: 77 Resp: 77108

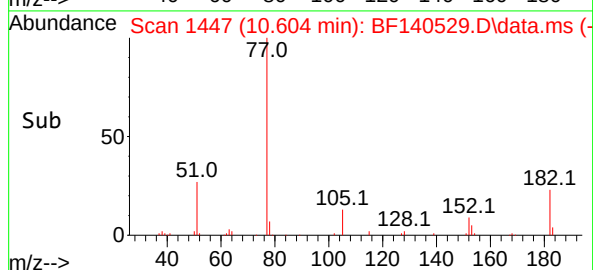
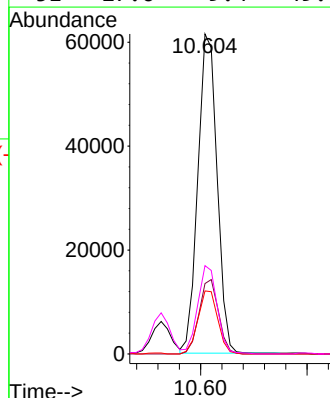
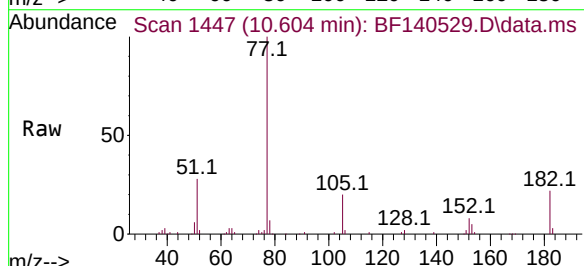
Ion Ratio Lower Upper

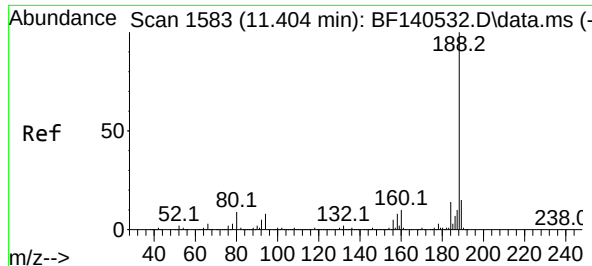
77 100

182 22.0 5.3 45.3

105 19.7 0.3 40.3

51 27.6 9.4 49.4

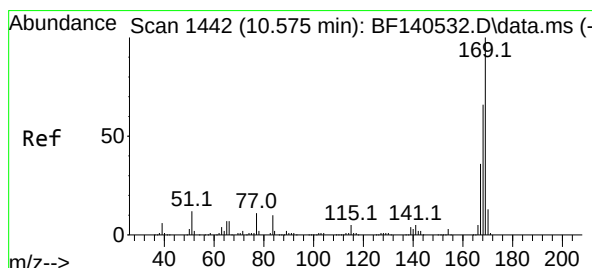
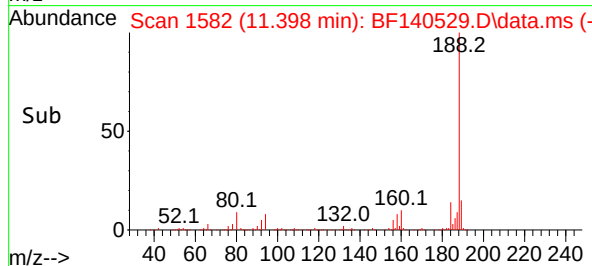
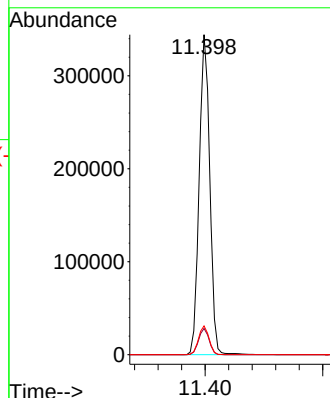
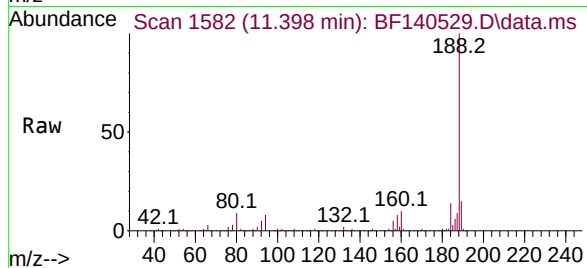




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

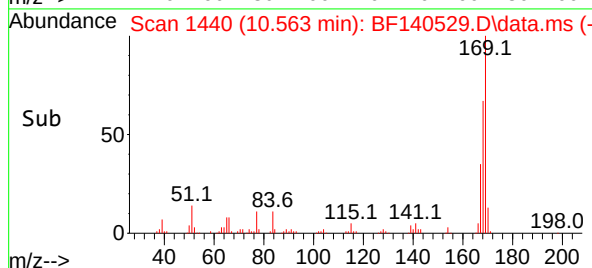
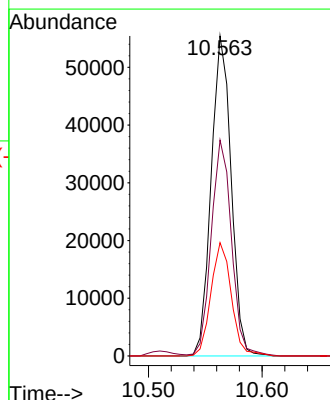
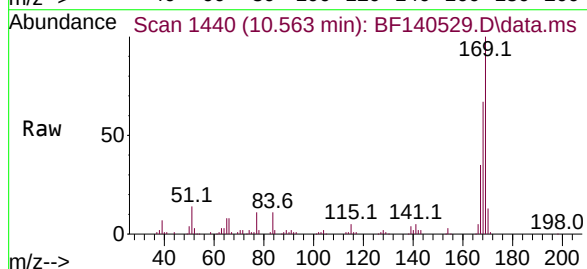
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

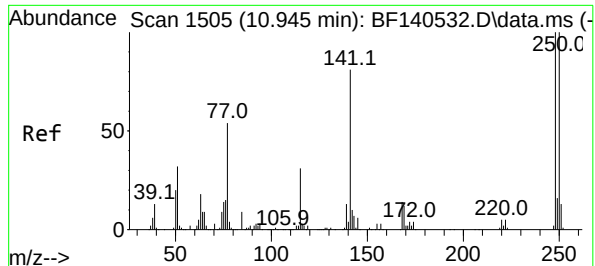
Tgt Ion:188 Resp: 428851
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.0 6.9 10.3



#66
n-Nitrosodiphenylamine
Concen: 5.346 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:169 Resp: 67794
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 35.4 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 5.288 ng

RT: 10.939 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

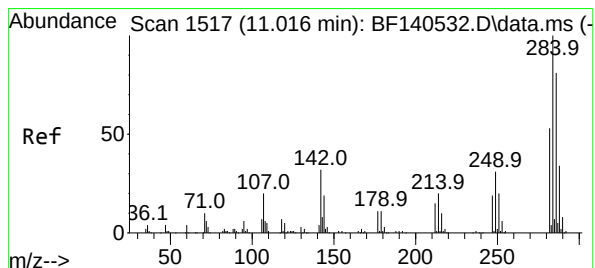
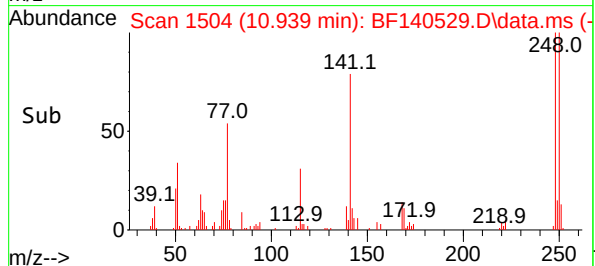
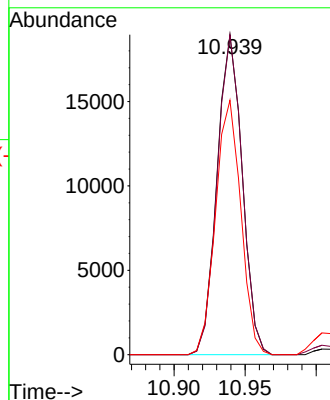
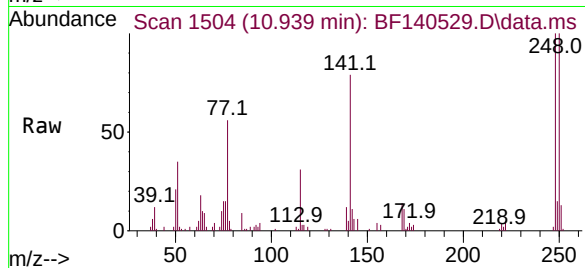
Tgt Ion:248 Resp: 23355

Ion Ratio Lower Upper

248 100

250 99.9 79.8 119.8

141 79.5 64.7 97.1



#68

Hexachlorobenzene

Concen: 5.384 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

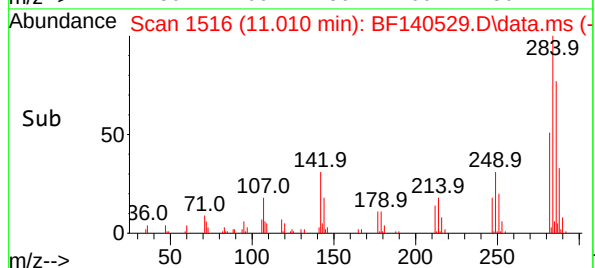
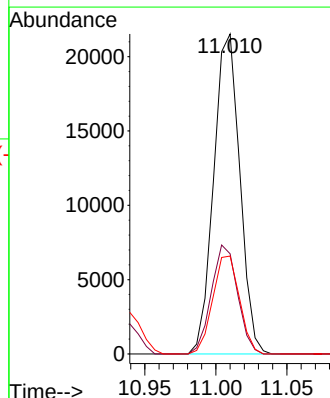
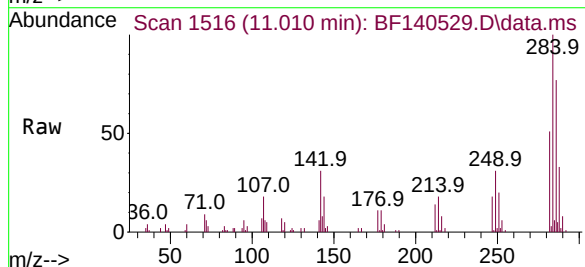
Tgt Ion:284 Resp: 27532

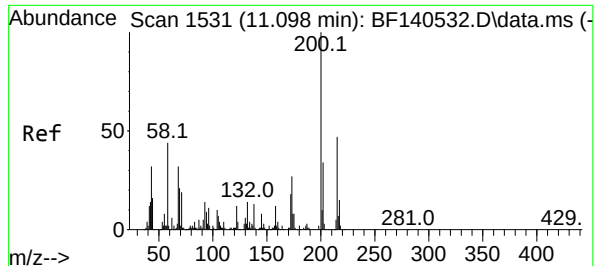
Ion Ratio Lower Upper

284 100

142 31.3 25.3 37.9

249 30.6 24.8 37.2





#69

Atrazine

Concen: 5.452 ng

RT: 11.086 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

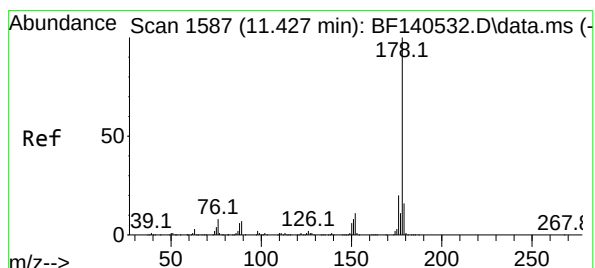
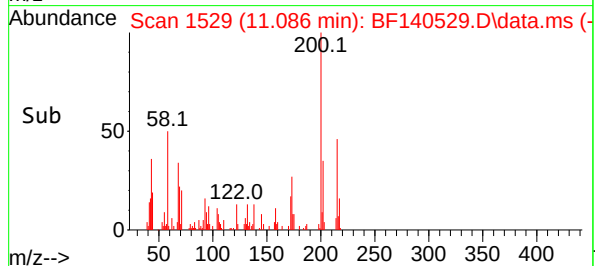
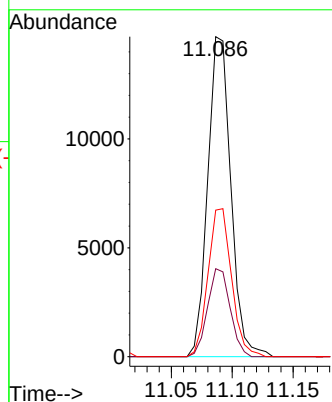
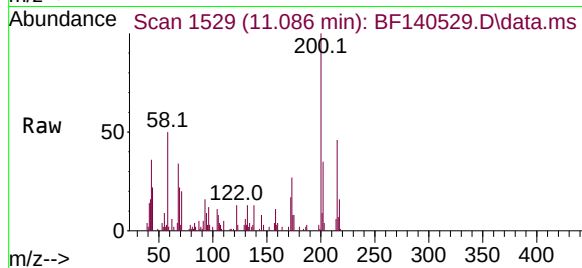
Tgt Ion:200 Resp: 19452

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 45.8 26.7 66.7



#71

Phenanthrene

Concen: 5.584 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

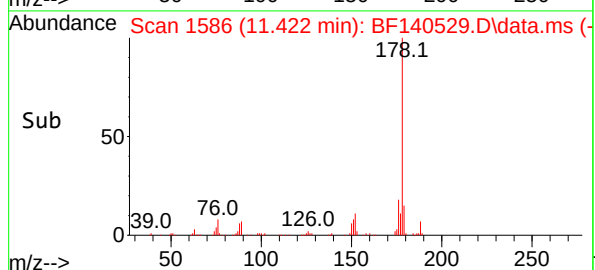
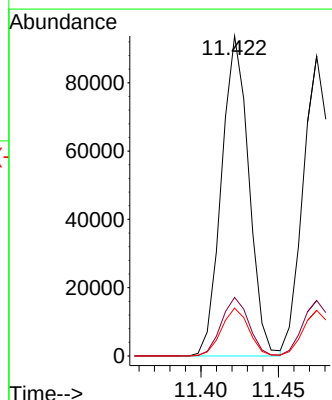
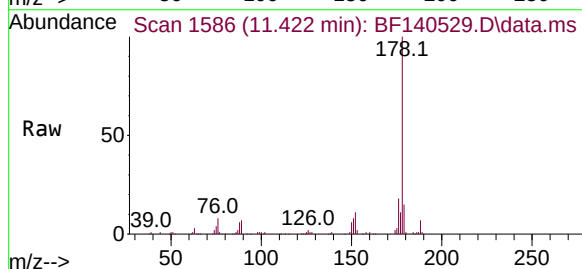
Tgt Ion:178 Resp: 115121

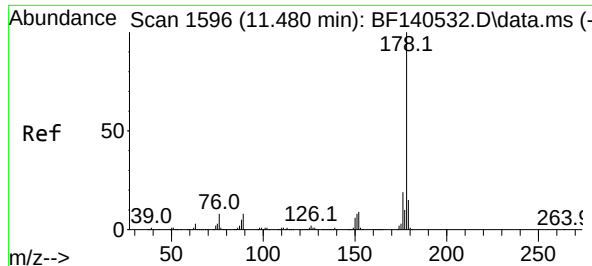
Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.6

179 14.9 12.4 18.6

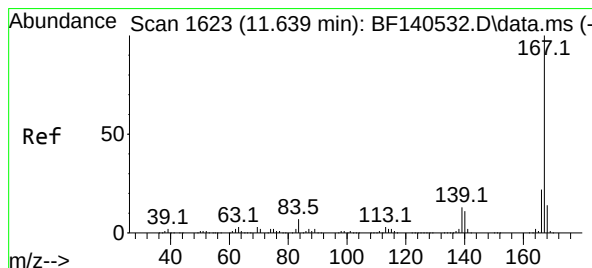
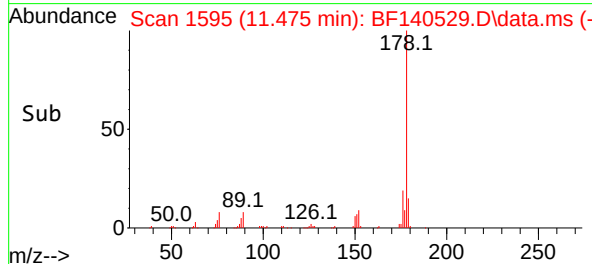
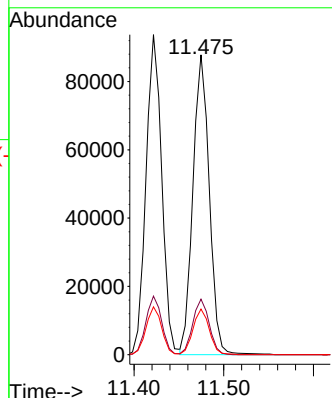
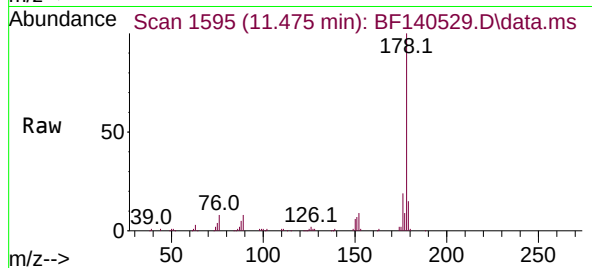




#72
Anthracene
Concen: 5.520 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

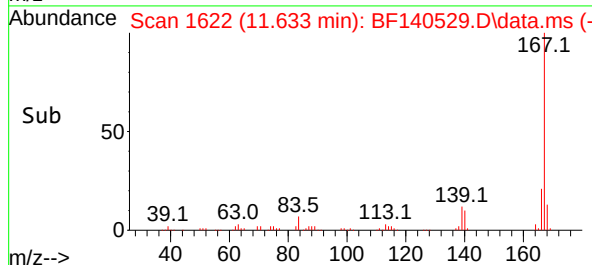
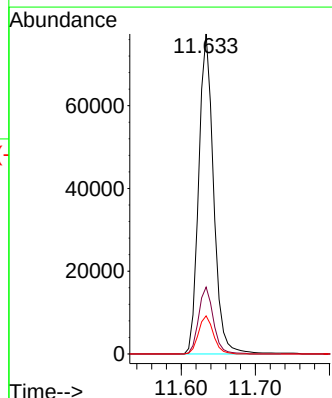
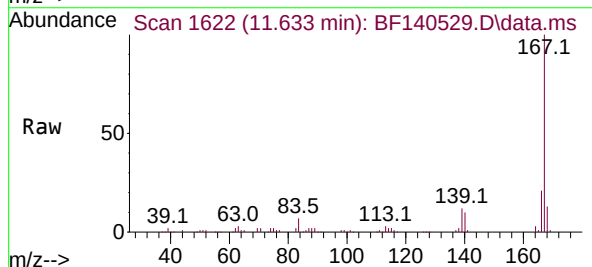
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

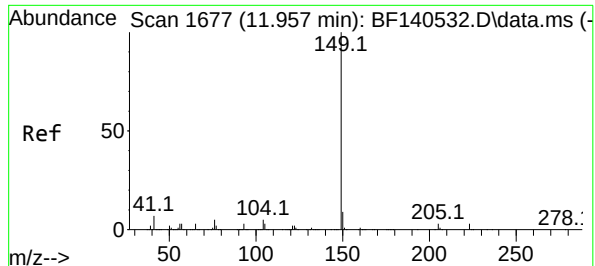
Tgt Ion:178 Resp: 111316
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.2 12.2 18.4



#73
Carbazole
Concen: 5.549 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:167 Resp: 107643
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 11.9 10.6 15.8

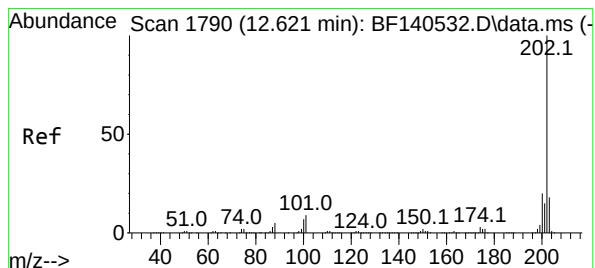
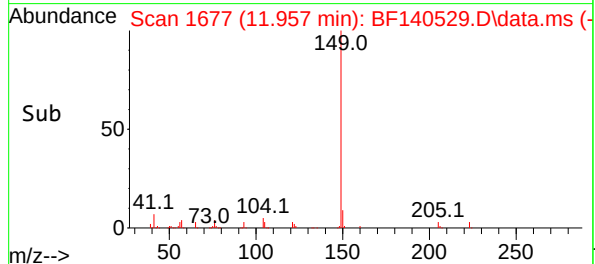
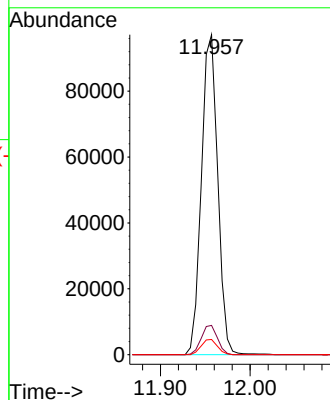
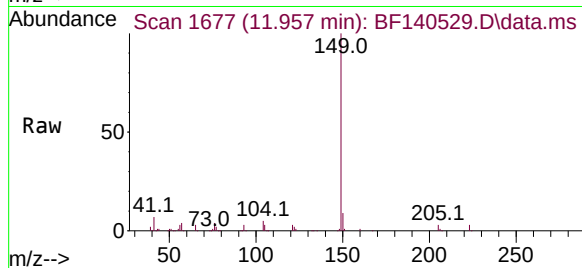




#74
Di-n-butylphthalate
Concen: 5.478 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

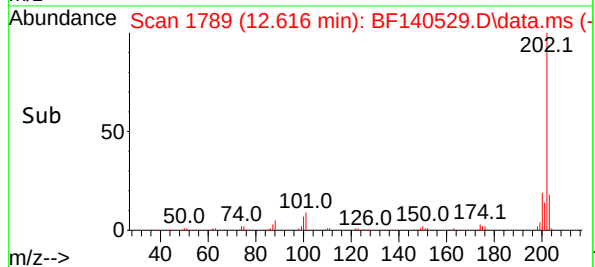
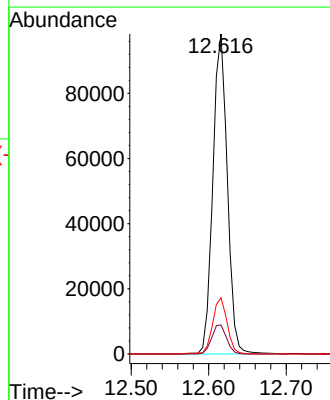
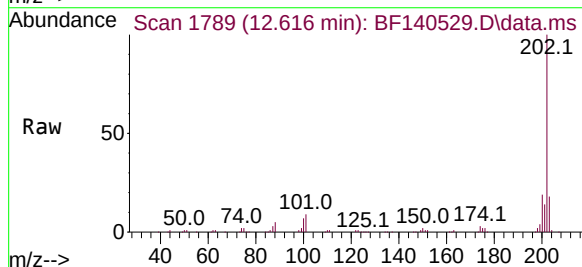
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

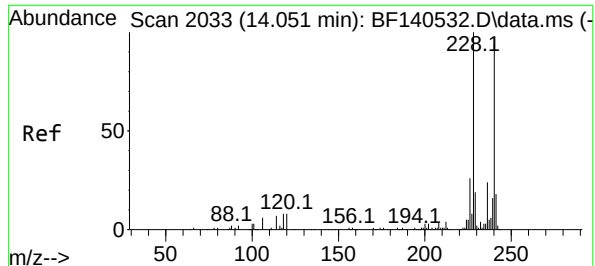
Tgt Ion:149 Resp: 122687
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.7 4.1 6.1



#75
Fluoranthene
Concen: 5.683 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:202 Resp: 127194
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.5 0.0 37.6

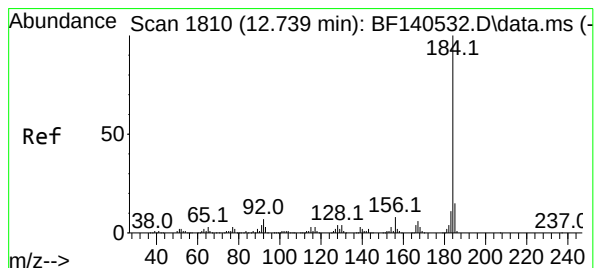
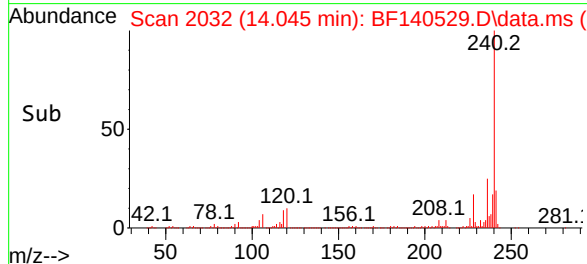
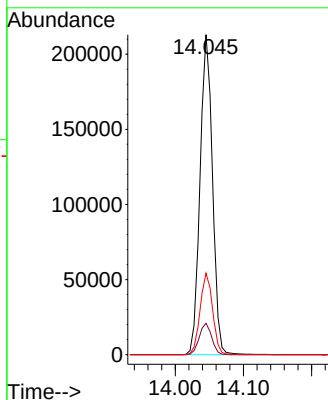
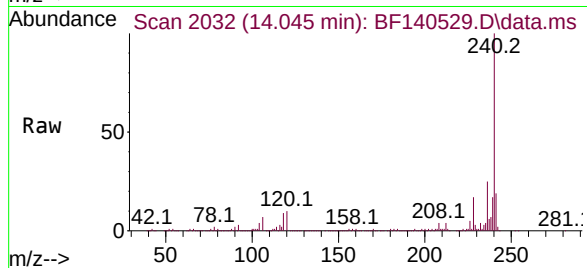




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

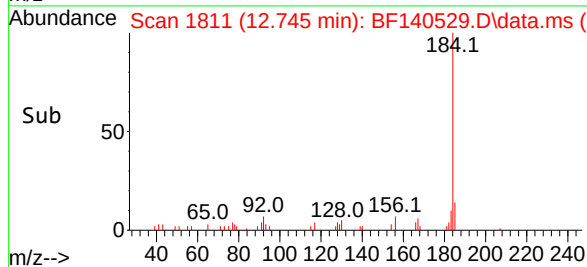
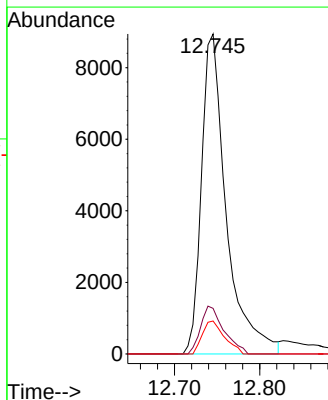
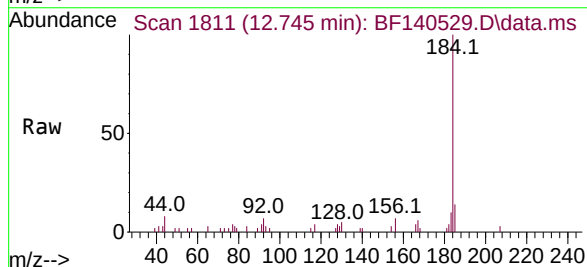
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

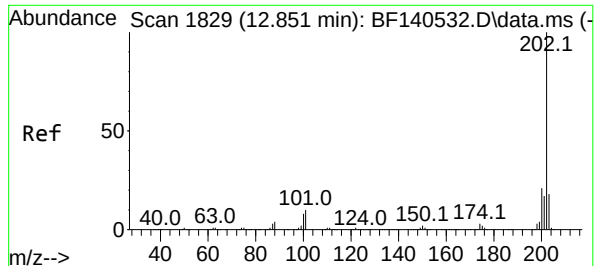
Tgt Ion:240 Resp: 270381
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.5 20.6 31.0



#77
Benzidine
Concen: 2.303 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:184 Resp: 18105
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.3 8.8 13.2

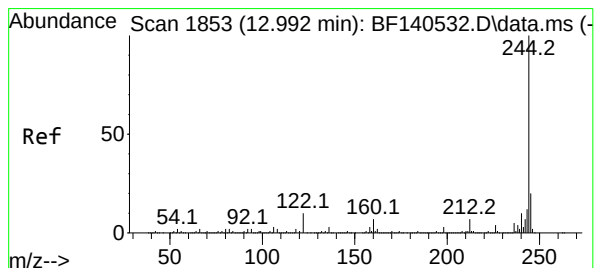
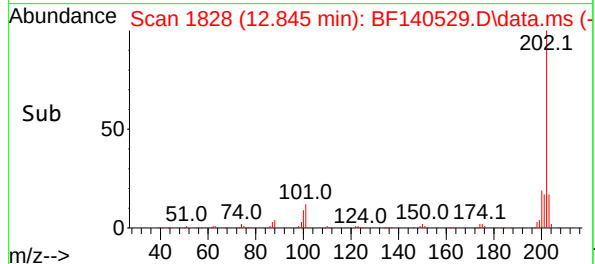
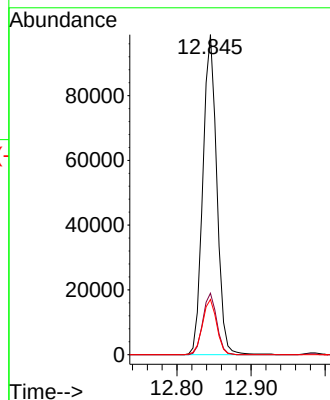
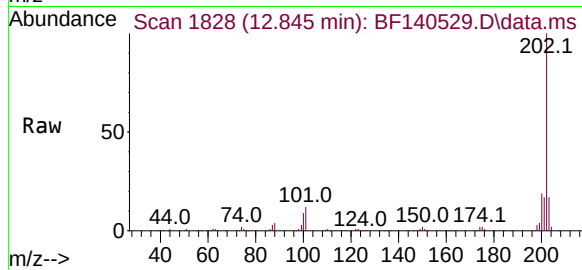




#78
Pyrene
Concen: 5.150 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

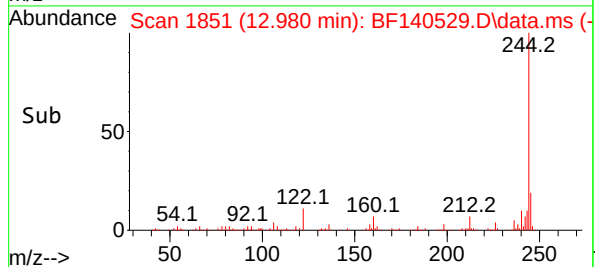
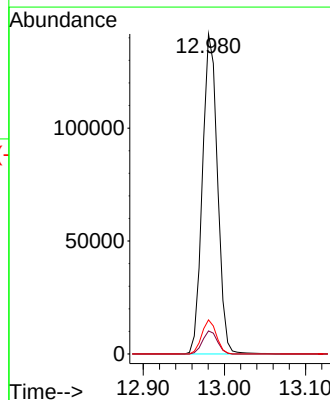
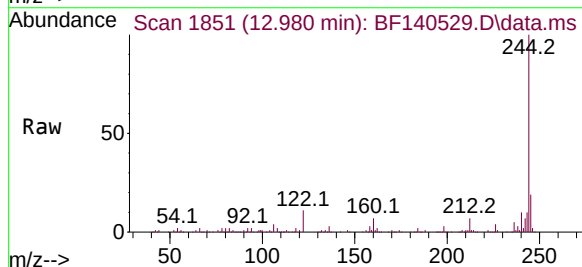
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

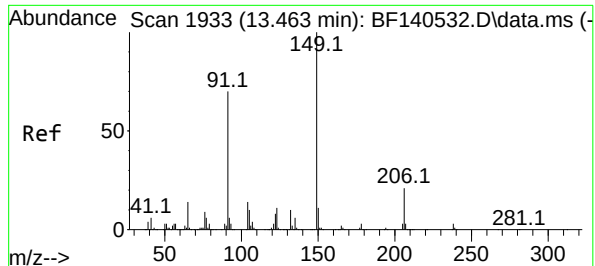
Tgt Ion:202 Resp: 128760
Ion Ratio Lower Upper
202 100
200 19.2 16.5 24.7
203 17.3 14.2 21.4



#79
Terphenyl-d14
Concen: 10.522 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:244 Resp: 182707
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.7 8.0 12.0





#80

Butylbenzylphthalate

Concen: 5.073 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

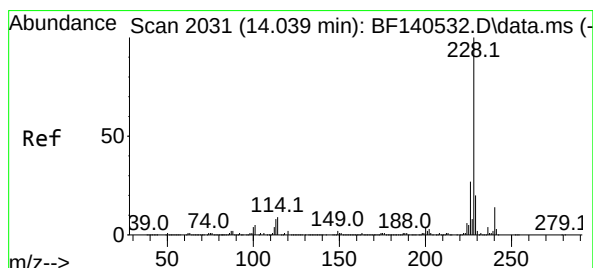
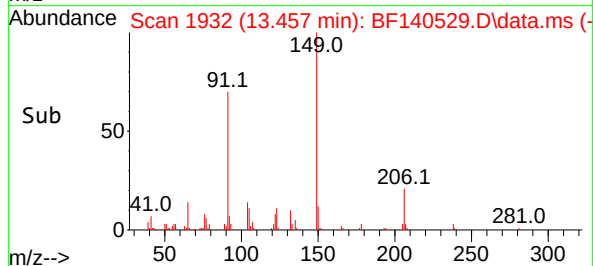
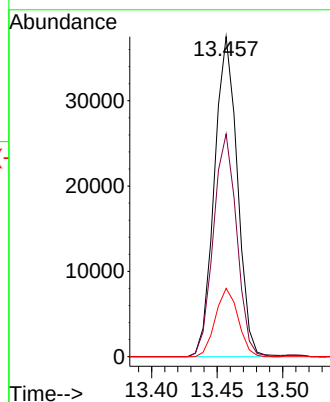
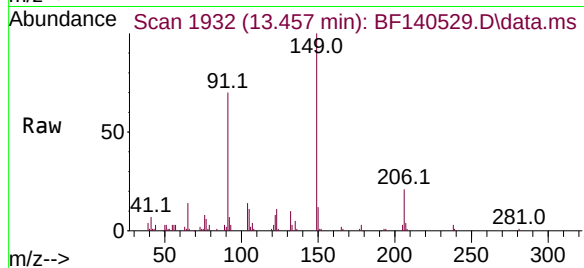
Tgt Ion:149 Resp: 45690

Ion Ratio Lower Upper

149 100

91 69.6 56.2 84.2

206 21.4 16.4 24.6



#81

Benzo(a)anthracene

Concen: 5.321 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

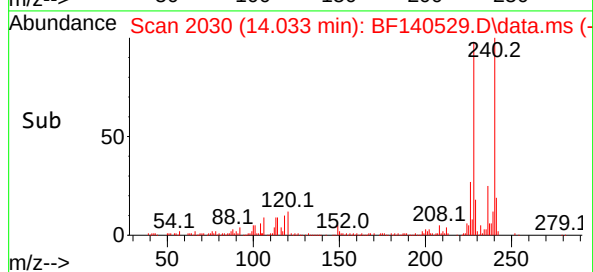
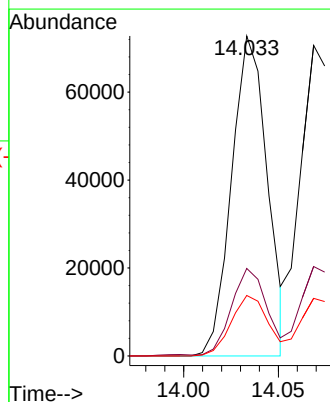
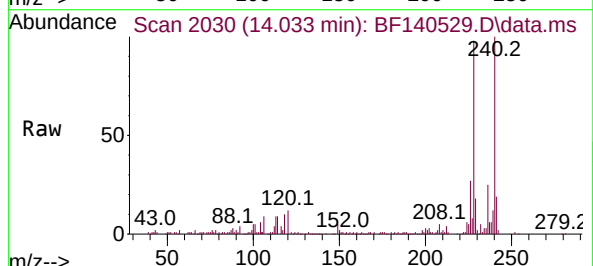
Tgt Ion:228 Resp: 95229

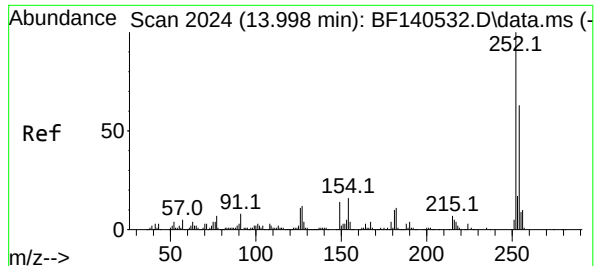
Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 18.9 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 4.712 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

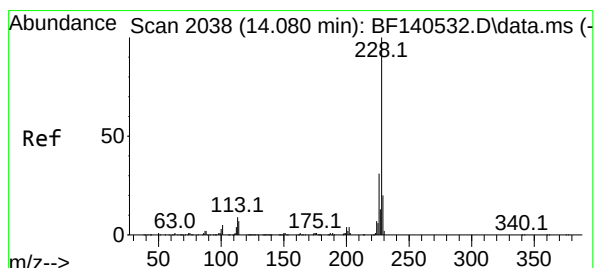
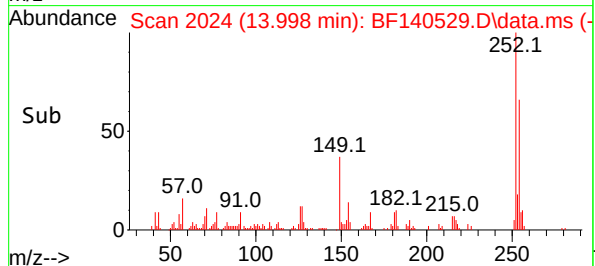
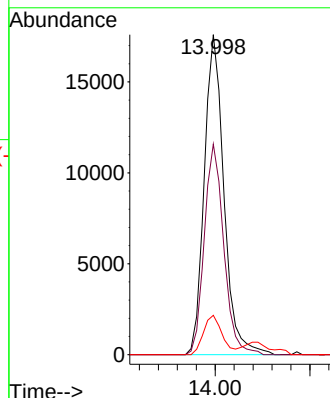
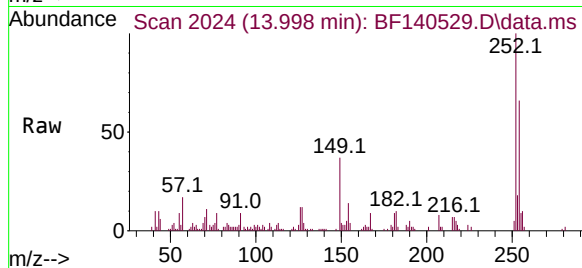
Tgt Ion:252 Resp: 25321

Ion Ratio Lower Upper

252 100

254 65.8 50.8 76.2

126 12.3 8.6 13.0



#83

Chrysene

Concen: 5.593 ng

RT: 14.069 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

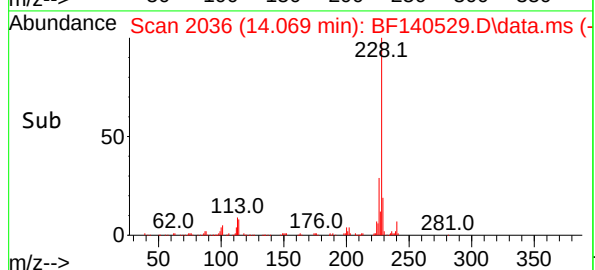
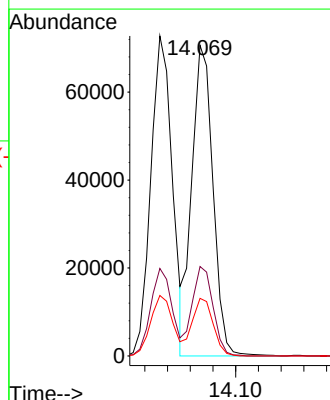
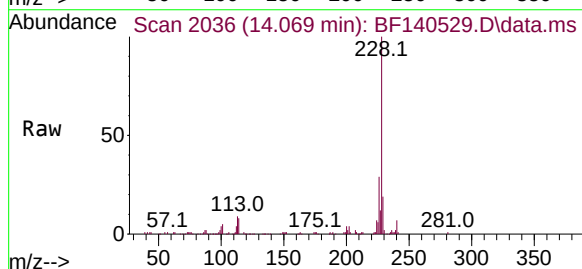
Tgt Ion:228 Resp: 91528

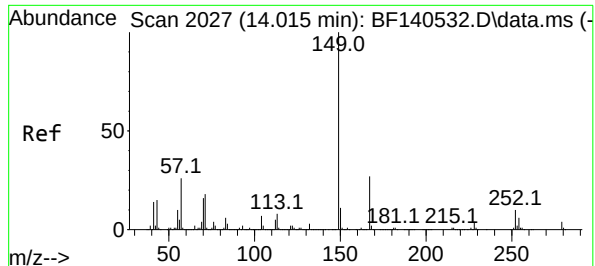
Ion Ratio Lower Upper

228 100

226 28.8 24.4 36.6

229 18.5 15.8 23.6

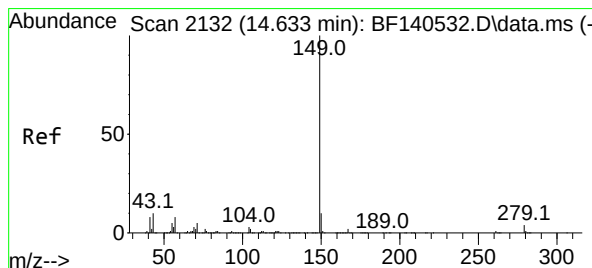
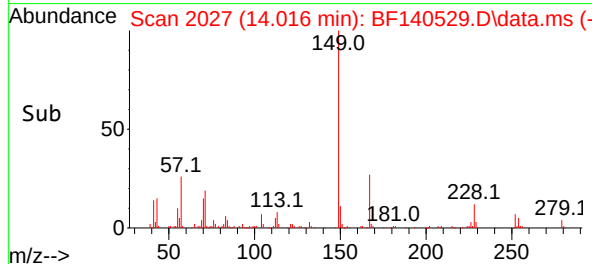
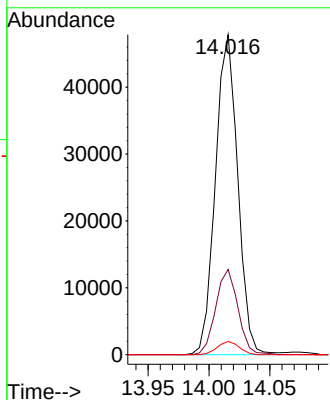
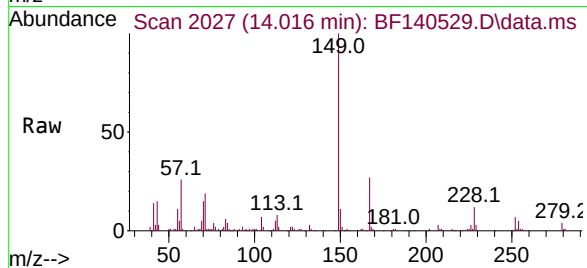




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.371 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

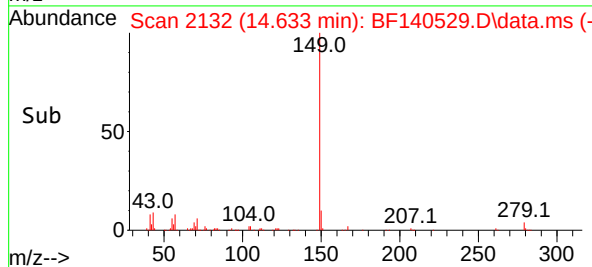
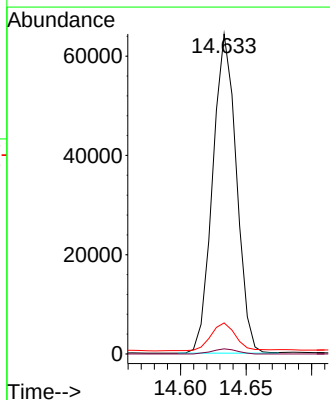
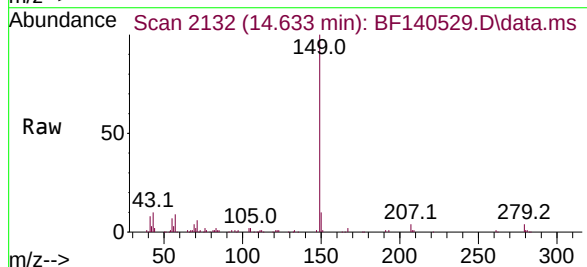
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

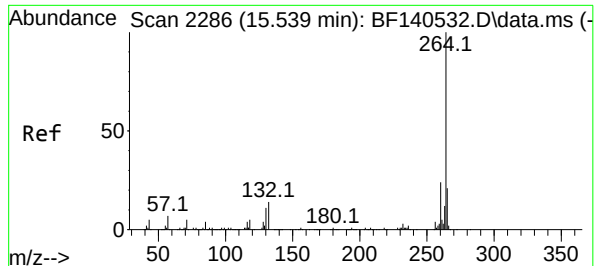
Tgt Ion:149 Resp: 61082
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 4.1 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 5.211 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:149 Resp: 80990
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.3 7.7 11.5

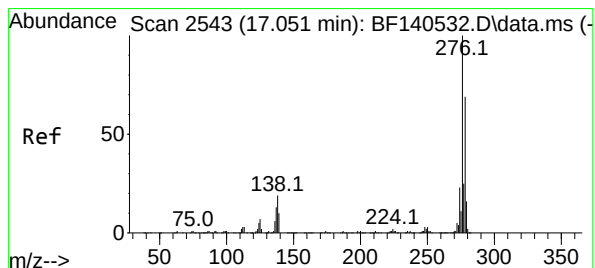
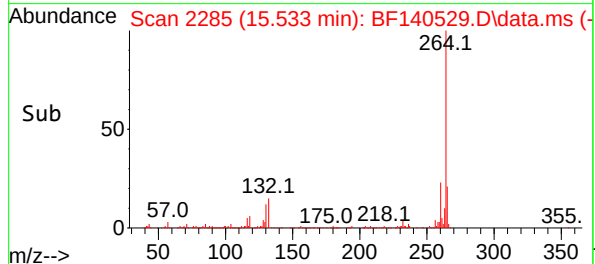
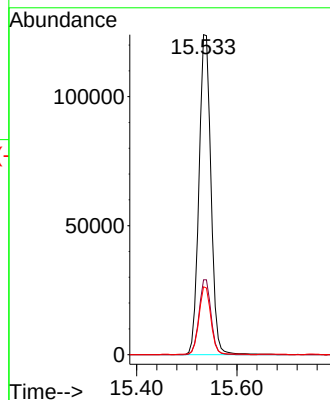
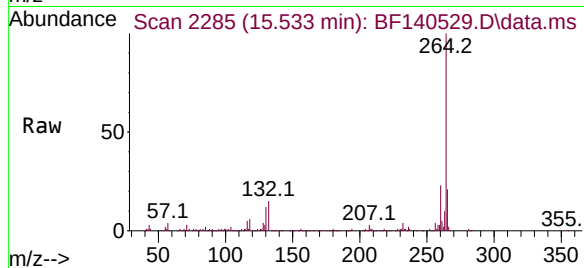




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

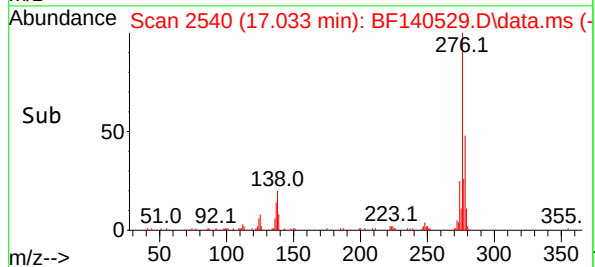
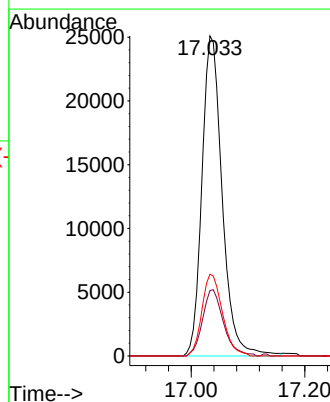
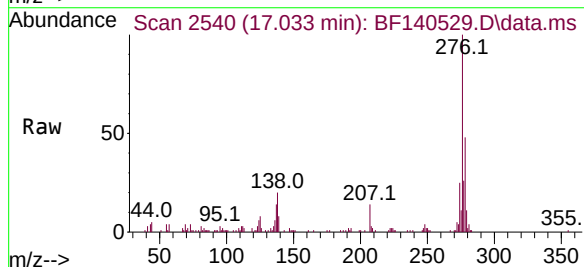
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

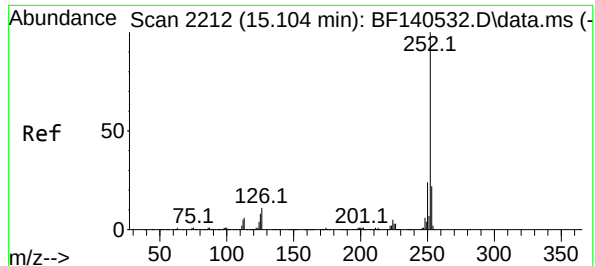
Tgt Ion:264 Resp: 205006
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.2 16.6 25.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.637 ng
RT: 17.033 min Scan# 2540
Delta R.T. -0.017 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion:276 Resp: 61952
Ion Ratio Lower Upper
276 100
138 21.5 15.5 23.3
277 25.8 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 5.362 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

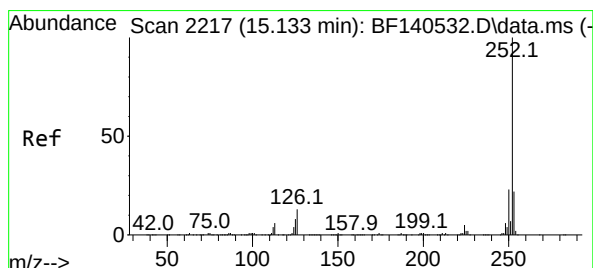
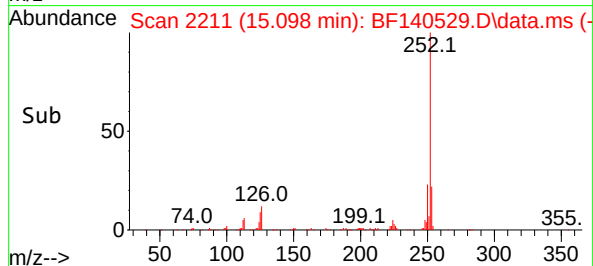
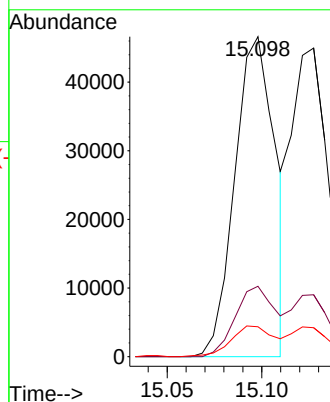
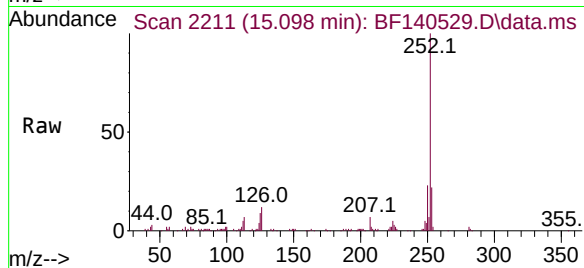
Tgt Ion:252 Resp: 69048

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.4 6.7 10.1



#89

Benzo(k)fluoranthene

Concen: 5.655 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF140529.D

Acq: 21 Nov 2024 11:39

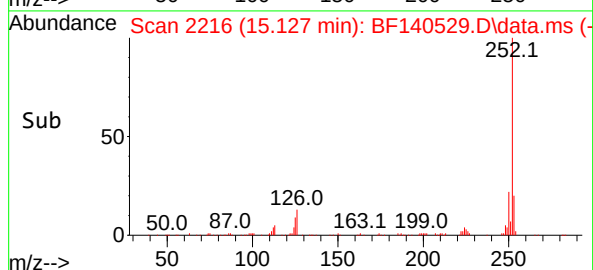
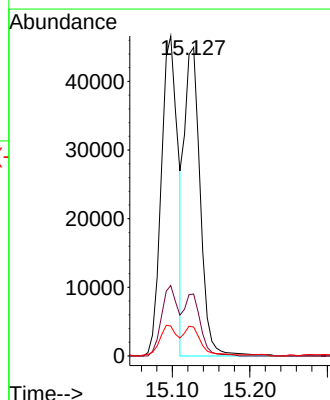
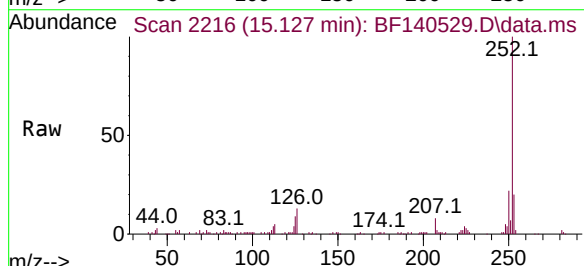
Tgt Ion:252 Resp: 63717

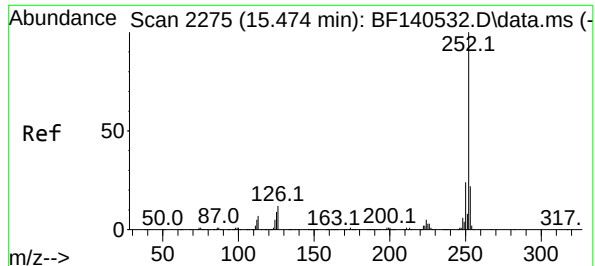
Ion Ratio Lower Upper

252 100

253 20.1 17.5 26.3

125 9.4 6.5 9.7

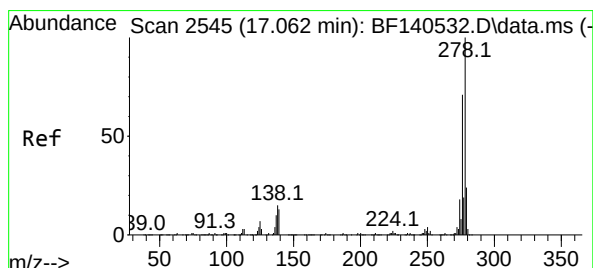
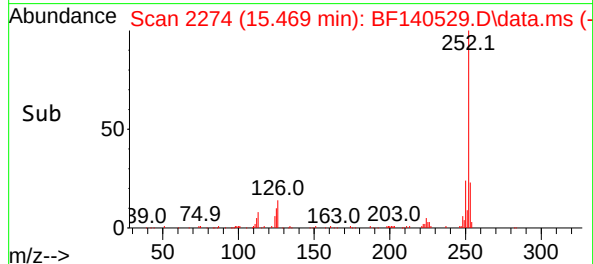
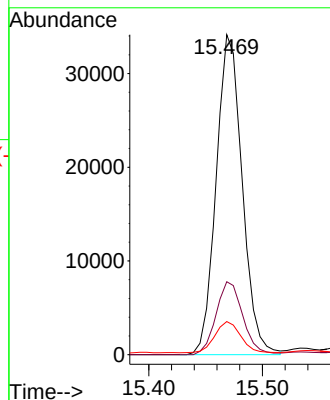
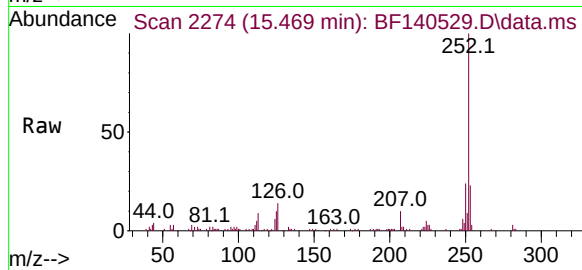




#90
Benzo(a)pyrene
Concen: 5.198 ng
RT: 15.469 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

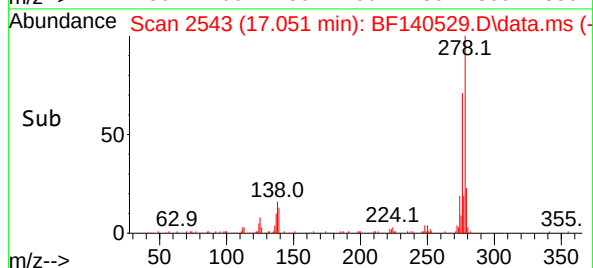
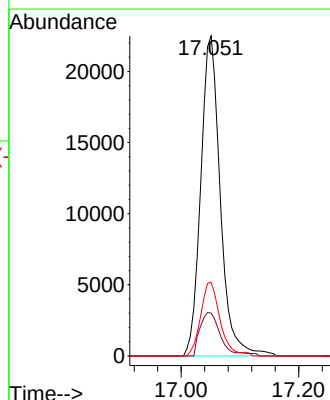
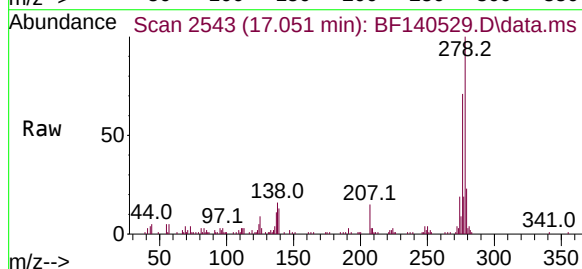
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

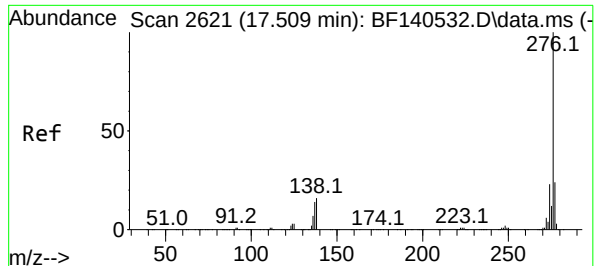
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.4	7.0	10.6



#91
Dibenzo(a,h)anthracene
Concen: 4.755 ng
RT: 17.051 min Scan# 2543
Delta R.T. -0.012 min
Lab File: BF140529.D
Acq: 21 Nov 2024 11:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.2	15.4
279	23.0	18.9	28.3





#92

Benzo(g,h,i)perylene

Concen: 4.740 ng

RT: 17.492 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF140529.D

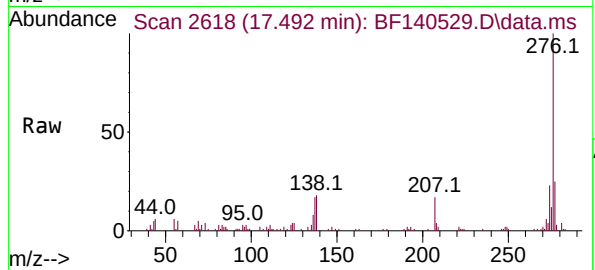
Acq: 21 Nov 2024 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



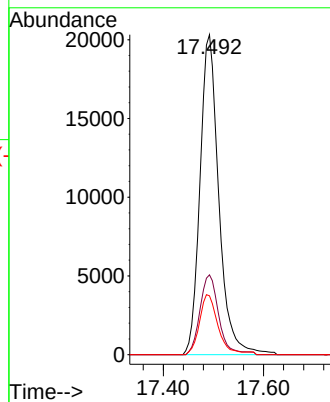
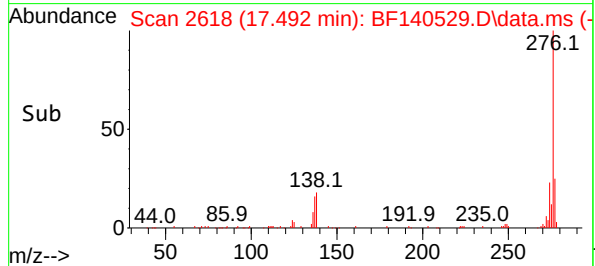
Tgt Ion:276 Resp: 52919

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 18.4 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140530.D
 Acq On : 21 Nov 2024 12:05
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:10:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	101758	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	377828	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	213774	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	399362	20.000	ng	0.00
76) Chrysene-d12	14.045	240	256196	20.000	ng	0.00
86) Perylene-d12	15.533	264	194024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	125454	21.035	ng	0.00
7) Phenol-d6	6.504	99	164515	20.866	ng	-0.01
23) Nitrobenzene-d5	7.428	82	152410	20.633	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	44626	19.519	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	299817	20.896	ng	0.00
79) Terphenyl-d14	12.980	244	321362	19.532	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	25524	10.179	ng	99
3) Pyridine	3.428	79	51851	9.398	ng	96
4) n-Nitrosodimethylamine	3.357	42	31093	9.589	ng	99
6) Aniline	6.534	93	60808	10.957	ng	# 79
8) 2-Chlorophenol	6.657	128	67572	10.531	ng	98
9) Benzaldehyde	6.422	77	51225	12.273	ng	99
10) Phenol	6.522	94	83830	10.411	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	63186	10.255	ng	99
12) 1,3-Dichlorobenzene	6.810	146	75941	10.533	ng	99
13) 1,4-Dichlorobenzene	6.887	146	76389	10.464	ng	99
14) 1,2-Dichlorobenzene	7.040	146	72962	10.666	ng	100
15) Benzyl Alcohol	7.010	79	59748	10.218	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	75295	10.344	ng	79
17) 2-Methylphenol	7.128	107	52599	10.241	ng	94
18) Hexachloroethane	7.381	117	27715	10.165	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	48309	10.367	ng	98
20) 3+4-Methylphenols	7.281	107	69290	10.496	ng	98
22) Acetophenone	7.275	105	96618	10.489	ng	97
24) Nitrobenzene	7.451	77	77259	10.120	ng	99
25) Isophorone	7.687	82	123528	10.026	ng	99
26) 2-Nitrophenol	7.769	139	32564	9.625	ng	98
27) 2,4-Dimethylphenol	7.804	122	40421	9.986	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	77116	10.274	ng	99
29) 2,4-Dichlorophenol	8.016	162	55037	10.261	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	63769	10.413	ng	98
31) Naphthalene	8.175	128	203054	10.434	ng	99
32) Benzoic acid	7.887	122	19174m	11.820	ng	
33) 4-Chloroaniline	8.222	127	60102	10.315	ng	99
34) Hexachlorobutadiene	8.287	225	42479	10.472	ng	98
35) Caprolactam	8.563	113	17126	10.317	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	60104	10.008	ng	99
37) 2-Methylnaphthalene	8.863	142	128393	10.387	ng	100
38) 1-Methylnaphthalene	8.963	142	125672	10.372	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	64508	10.308	ng	99
41) Hexachlorocyclopentadiene	9.016	237	5836	11.063	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	38279	9.748	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140530.D
 Acq On : 21 Nov 2024 12:05
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:10:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 14:50:10 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	42321	9.930	ng	99
46) 1,1'-Biphenyl	9.328	154	163500	10.244	ng	99
47) 2-Chloronaphthalene	9.351	162	122350	10.117	ng	99
48) 2-Nitroaniline	9.451	65	37481	9.655	ng	98
49) Acenaphthylene	9.769	152	188676	10.326	ng	99
50) Dimethylphthalate	9.622	163	142079	10.092	ng	100
51) 2,6-Dinitrotoluene	9.692	165	31999	10.021	ng	94
52) Acenaphthene	9.939	154	118691	10.031	ng	99
53) 3-Nitroaniline	9.863	138	31781	10.177	ng	96
54) 2,4-Dinitrophenol	9.981	184	6086	11.143	ng	98
55) Dibenzofuran	10.116	168	185902	10.497	ng	99
56) 4-Nitrophenol	10.039	139	17052	8.006	ng	96
57) 2,4-Dinitrotoluene	10.098	165	43030	10.140	ng	95
58) Fluorene	10.457	166	150592	10.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	31672	9.670	ng	98
60) Diethylphthalate	10.322	149	146994	10.276	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	72915	10.452	ng	97
62) 4-Nitroaniline	10.469	138	32193	9.829	ng	96
63) Azobenzene	10.610	77	141049	10.412	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	14572	7.140	ng	93
66) n-Nitrosodiphenylamine	10.563	169	123384	10.447	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	42955	10.444	ng	98
68) Hexachlorobenzene	11.010	284	47993	10.078	ng	97
69) Atrazine	11.092	200	34193	10.292	ng	100
70) Pentachlorophenol	11.210	266	14110	6.732	ng	97
71) Phenanthrene	11.422	178	203602	10.606	ng	99
72) Anthracene	11.475	178	198430	10.567	ng	100
73) Carbazole	11.633	167	189597	10.495	ng	100
74) Di-n-butylphthalate	11.957	149	214564	10.288	ng	99
75) Fluoranthene	12.616	202	221773	10.640	ng	99
77) Benzidine	12.739	184	54022	7.252	ng	100
78) Pyrene	12.845	202	230747	9.741	ng	98
80) Butylbenzylphthalate	13.457	149	82557	9.674	ng	100
81) Benzo(a)anthracene	14.033	228	168988	9.964	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	49053	9.634	ng	100
83) Chrysene	14.069	228	161811	10.435	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	106093	9.846	ng	100
85) Di-n-octyl phthalate	14.633	149	145085	9.852	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	124455	9.843	ng	99
88) Benzo(b)fluoranthene	15.098	252	121884	10.001	ng	99
89) Benzo(k)fluoranthene	15.127	252	119878	11.241	ng	100
90) Benzo(a)pyrene	15.468	252	101824	10.276	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	100656	9.720	ng	99
92) Benzo(g,h,i)perylene	17.492	276	105771	10.010	ng	99

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

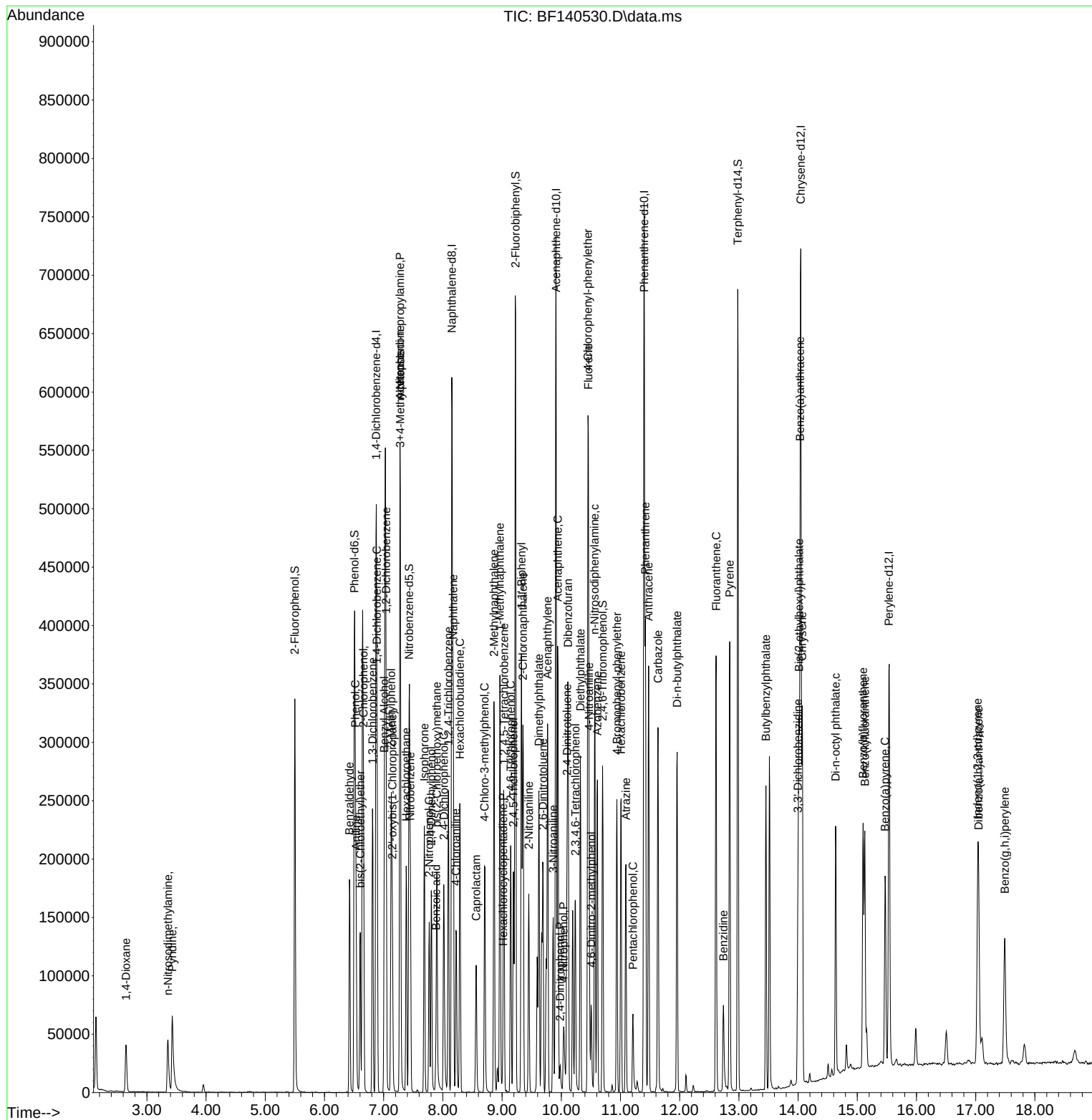
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140530.D
Acq On : 21 Nov 2024 12:05
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

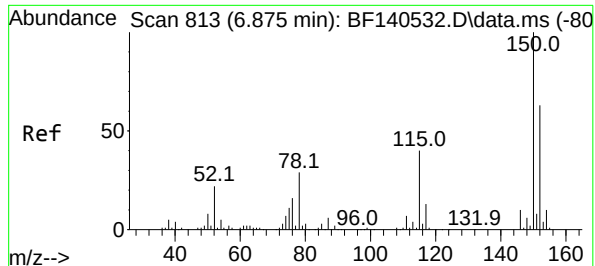
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

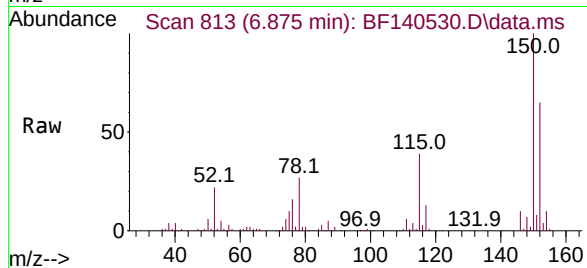
Quant Time: Nov 21 15:10:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

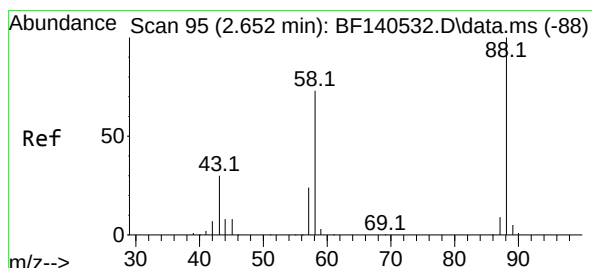
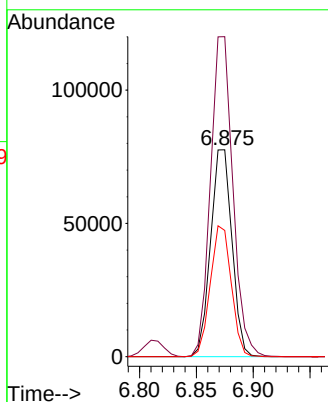
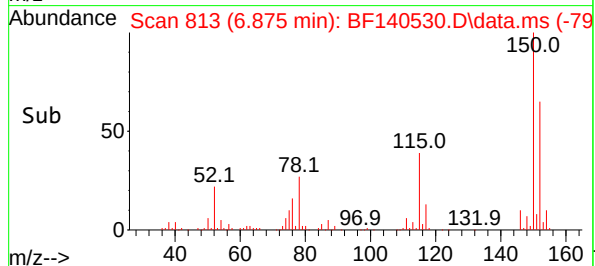
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 101758
Ion Ratio Lower Upper
152 100
150 154.6 128.5 192.7
115 61.0 50.2 75.4

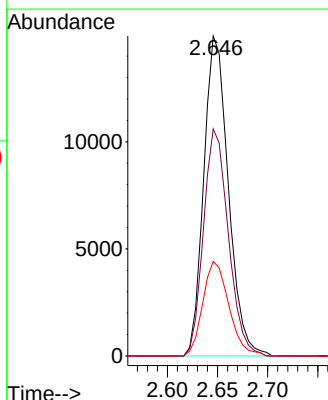
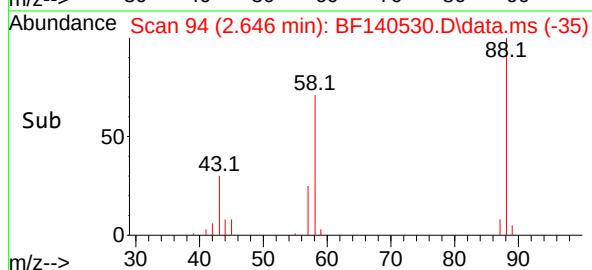
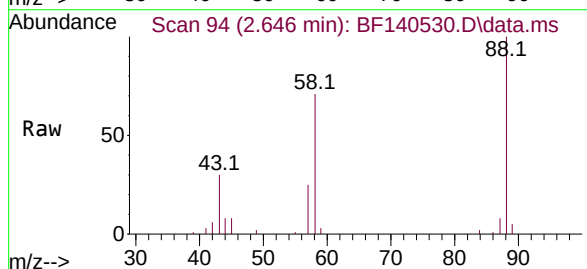
Manual Integrations
APPROVED

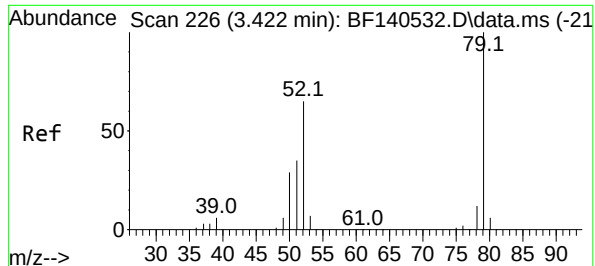
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 10.179 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion: 88 Resp: 25524
Ion Ratio Lower Upper
88 100
58 71.6 57.4 86.2
43 31.4 24.3 36.5





#3

Pyridine

Concen: 9.398 ng

RT: 3.428 min Scan# 215

Delta R.T. 0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 5185

Ion Ratio Lower Upper

79 100

52 68.8 52.1 78.1

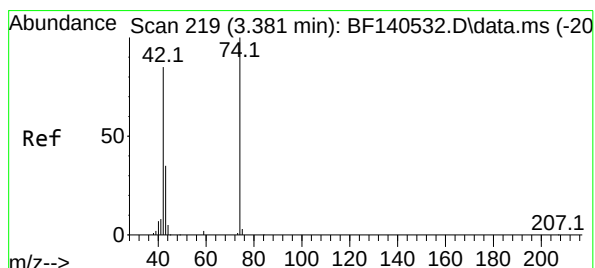
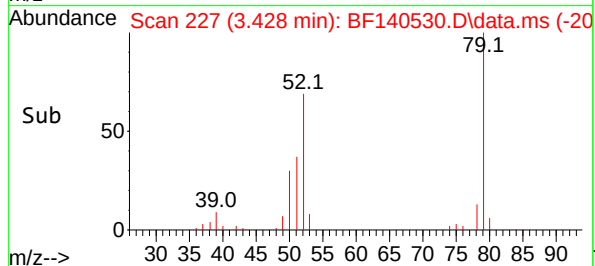
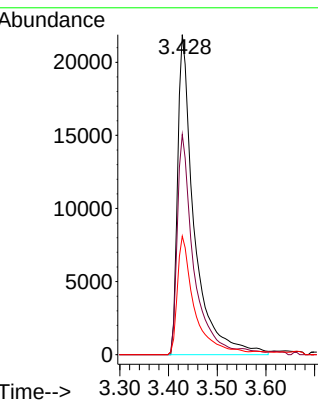
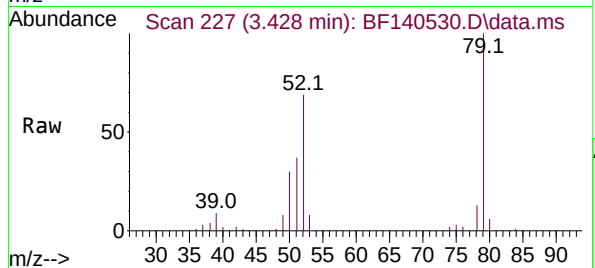
51 37.1 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 9.589 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

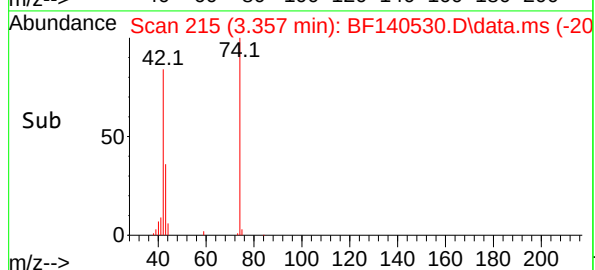
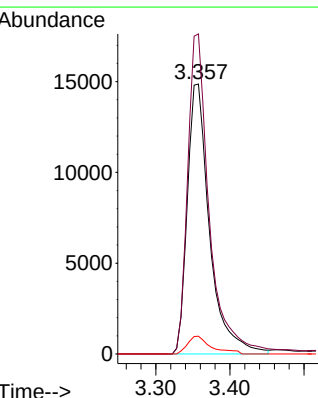
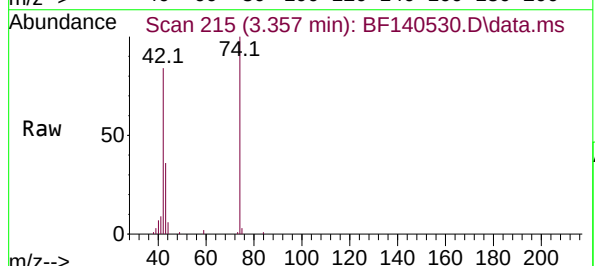
Tgt Ion: 42 Resp: 31093

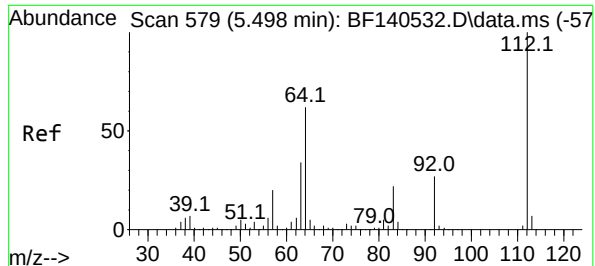
Ion Ratio Lower Upper

42 100

74 118.6 93.8 140.6

44 6.6 4.6 6.8





#5

2-Fluorophenol

Concen: 21.035 ng

RT: 5.498 min Scan# 51

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:112 Resp: 125454

Ion Ratio Lower Upper

112 100

64 59.4 49.2 73.8

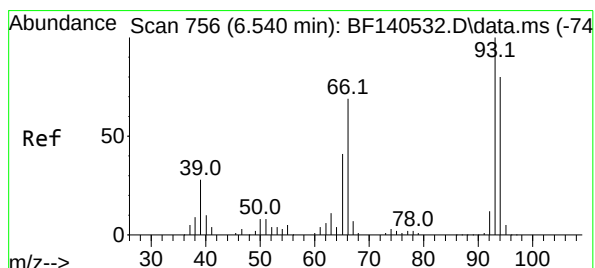
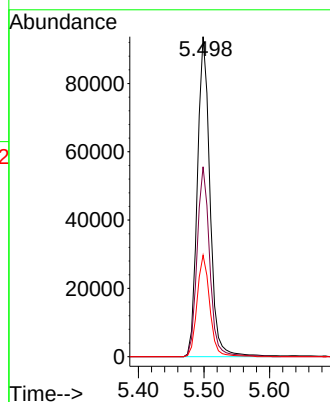
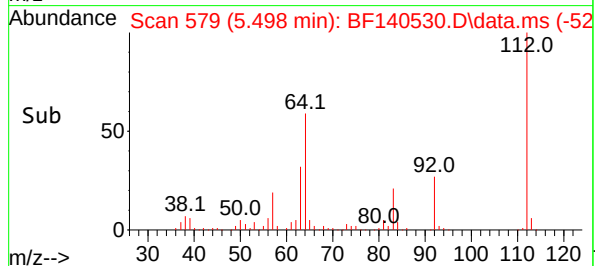
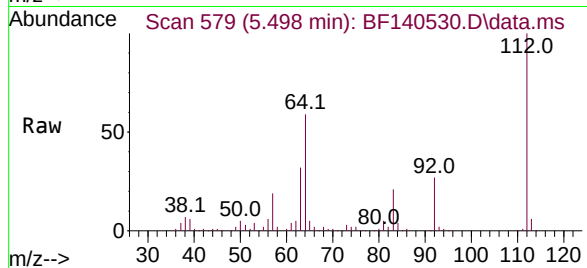
63 31.7 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#6

Aniline

Concen: 10.957 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

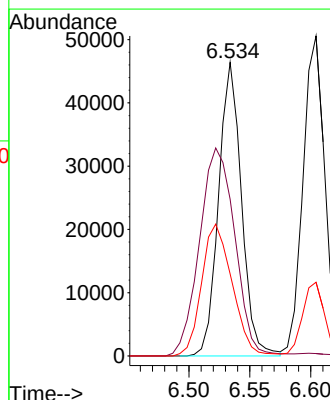
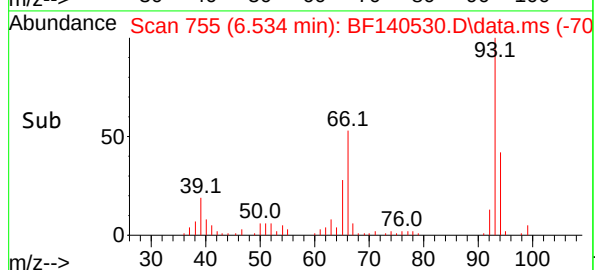
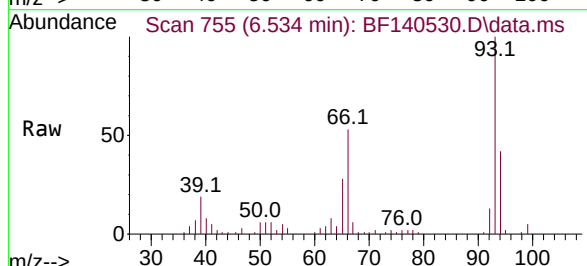
Tgt Ion: 93 Resp: 60808

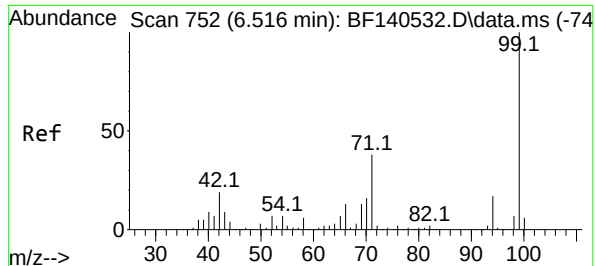
Ion Ratio Lower Upper

93 100

66 53.4 56.5 84.7#

65 28.0 32.9 49.3#





#7

Phenol-d6

Concen: 20.866 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 99 Resp: 16451

Ion Ratio Lower Upper

99 100

42 19.0 15.4 23.0

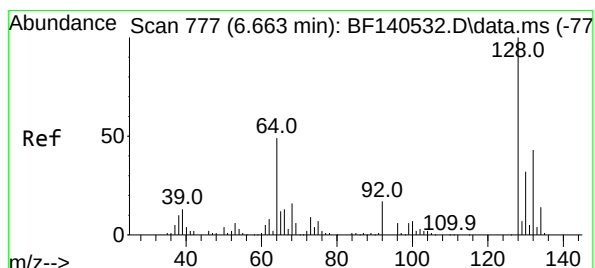
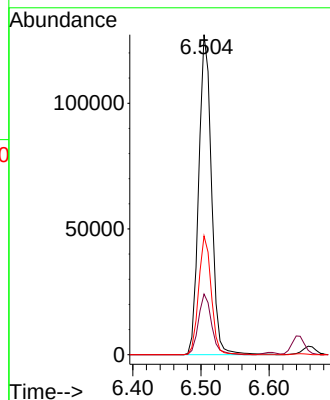
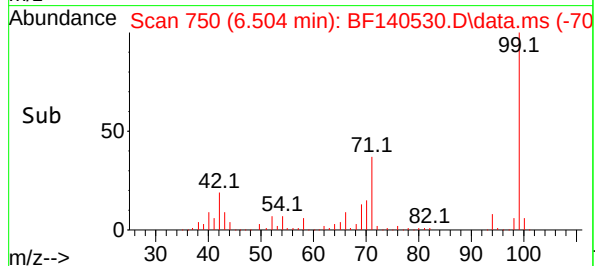
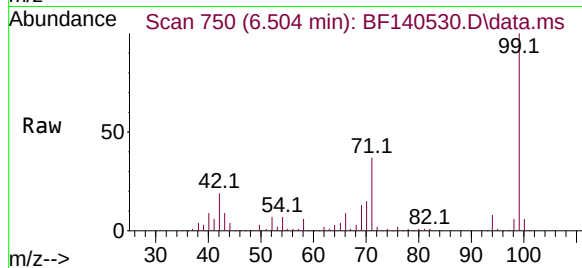
71 37.1 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#8

2-Chlorophenol

Concen: 10.531 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

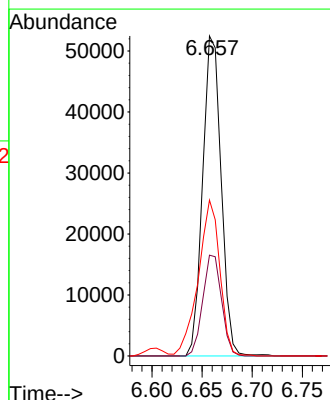
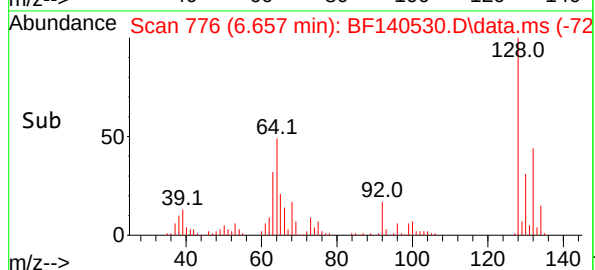
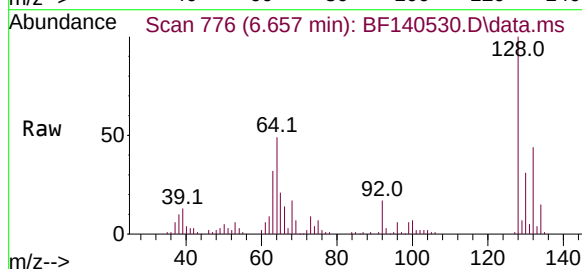
Tgt Ion:128 Resp: 67572

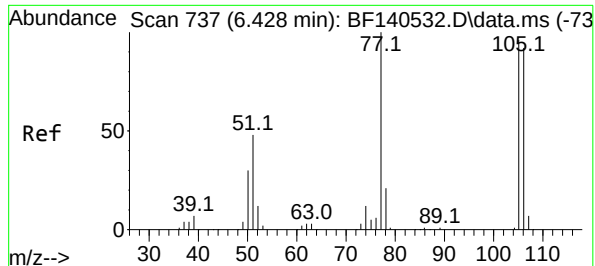
Ion Ratio Lower Upper

128 100

130 31.5 12.3 52.3

64 48.7 30.2 70.2





#9

Benzaldehyde

Concen: 12.273 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

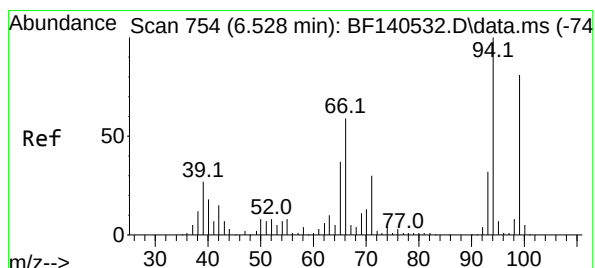
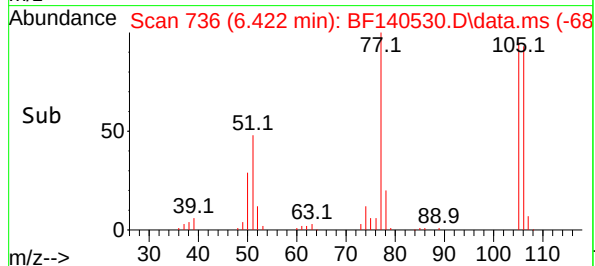
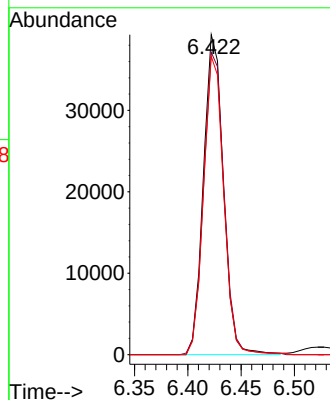
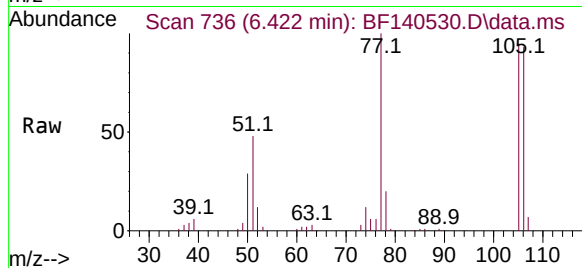
SSTDICC010

Tgt Ion:	77	Resp:	5122
Ion	Ratio	Lower	Upper
77	100		
105	94.5	75.6	115.6
106	93.3	72.0	112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 10.411 ng

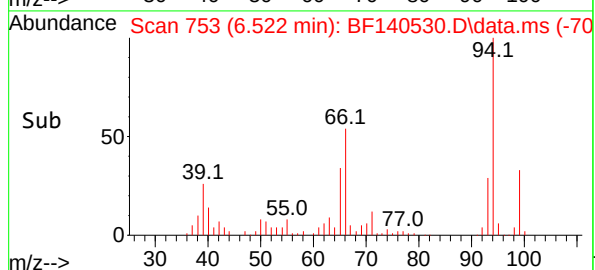
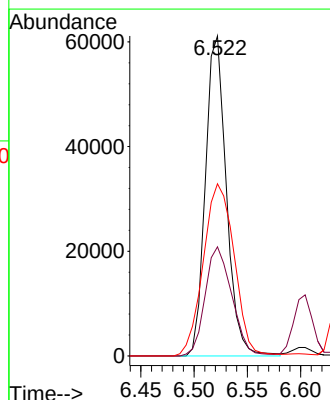
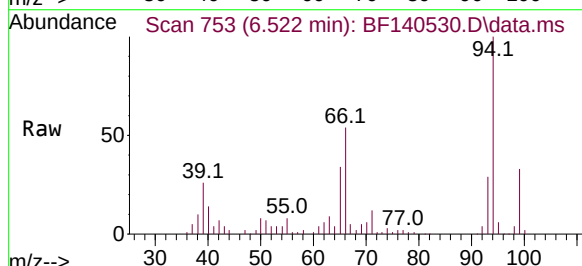
RT: 6.522 min Scan# 753

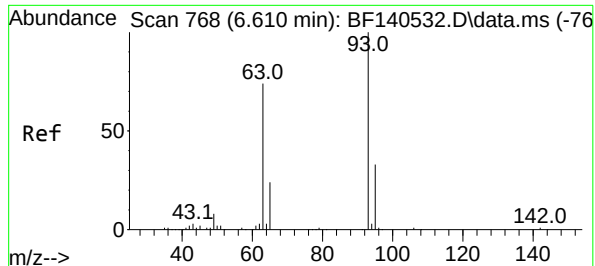
Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:	94	Resp:	83830
Ion	Ratio	Lower	Upper
94	100		
65	34.1	17.2	57.2
66	53.8	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 10.255 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 63180

Ion Ratio Lower Upper

93 100

63 72.2 52.8 92.8

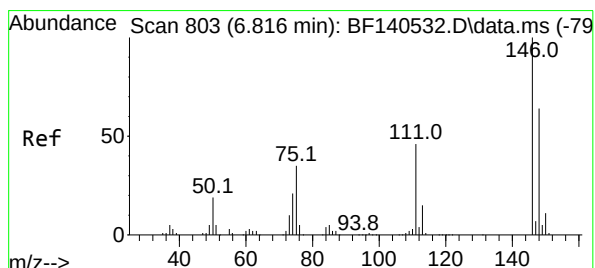
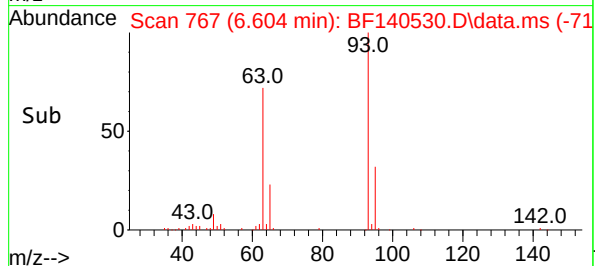
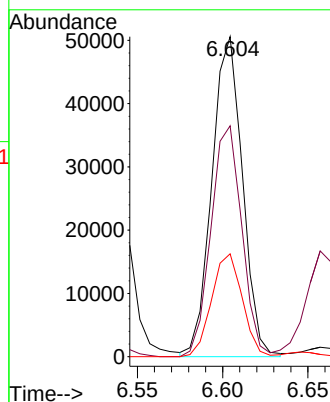
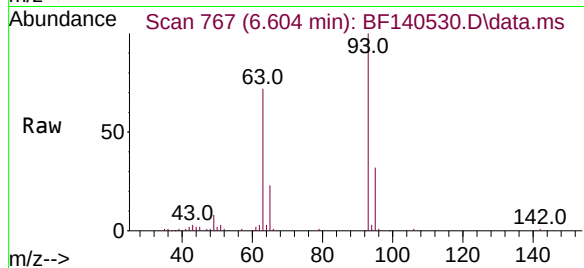
95 32.2 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 10.533 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

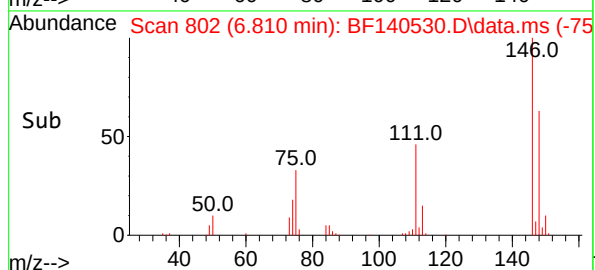
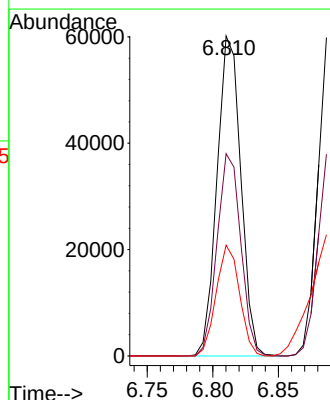
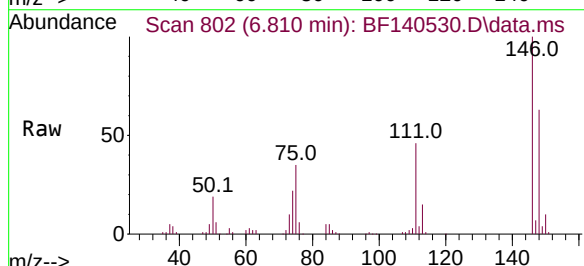
Tgt Ion:146 Resp: 75941

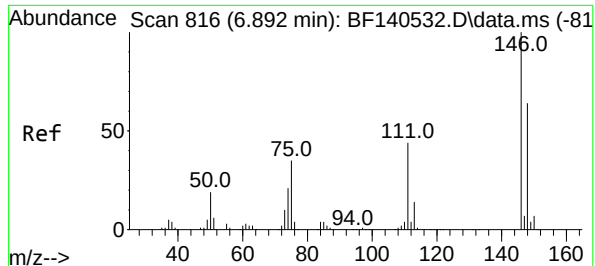
Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

75 34.6 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 10.464 ng

RT: 6.887 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 76389

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

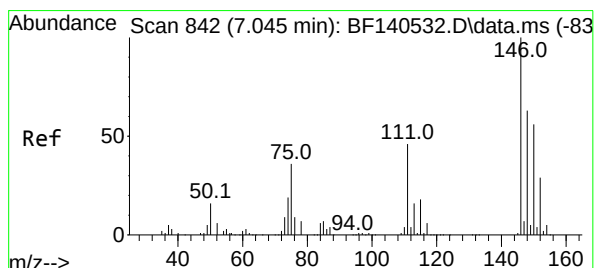
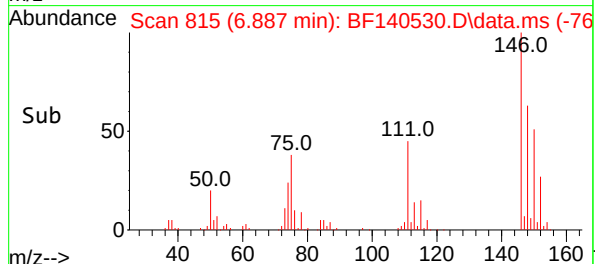
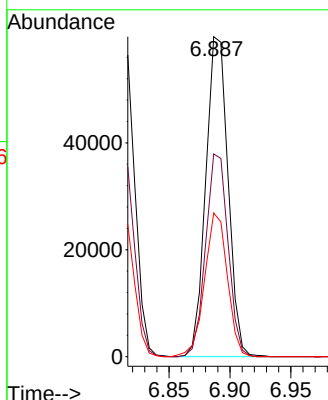
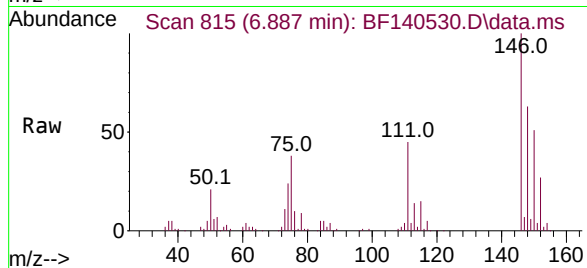
111 44.9 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#14

1,2-Dichlorobenzene

Concen: 10.666 ng

RT: 7.040 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

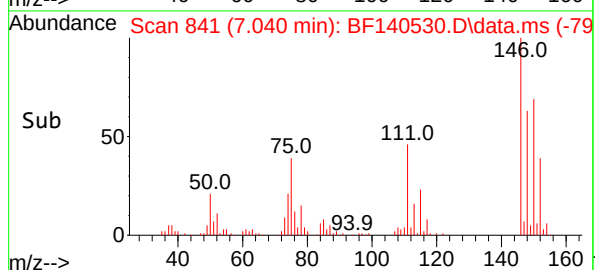
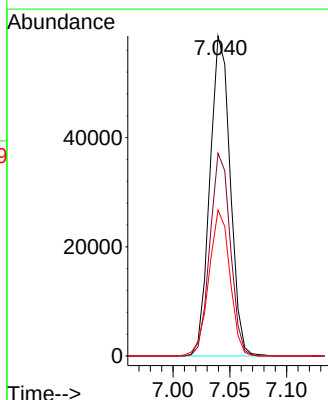
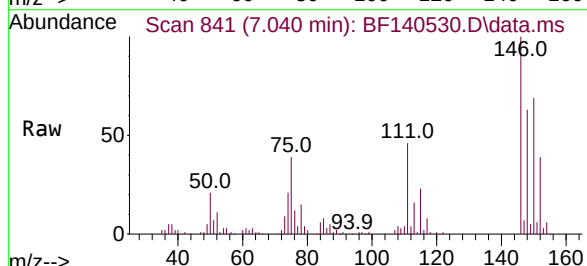
Tgt Ion:146 Resp: 72962

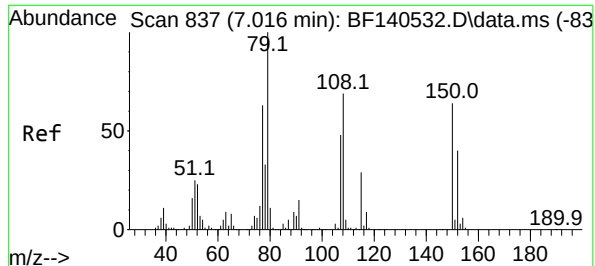
Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

111 45.6 36.7 55.1





#15

Benzyl Alcohol

Concen: 10.218 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

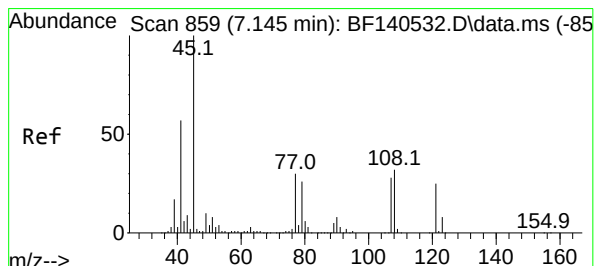
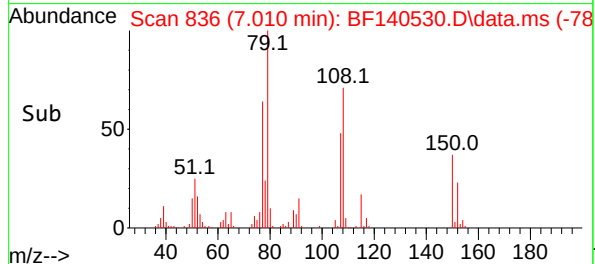
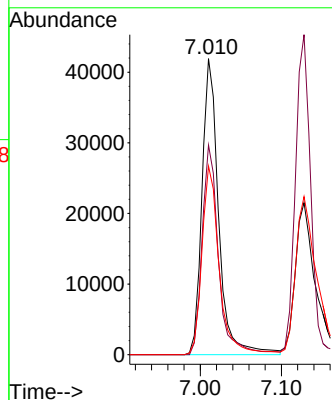
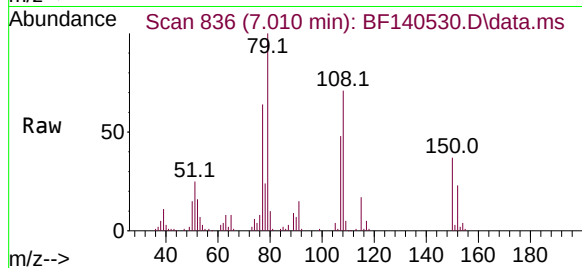
SSTDICC010

Tgt Ion:	79	Resp:	5974
Ion	Ratio	Lower	Upper
79	100		
108	70.8	55.0	82.6
77	63.7	50.1	75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.344 ng

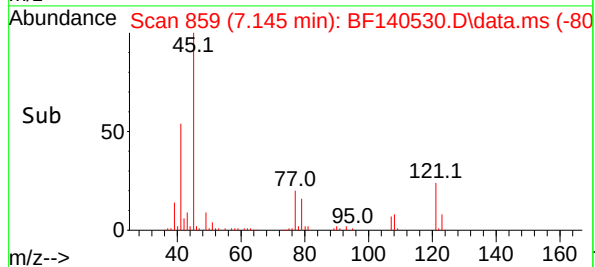
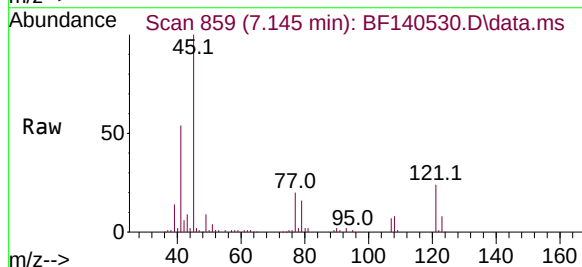
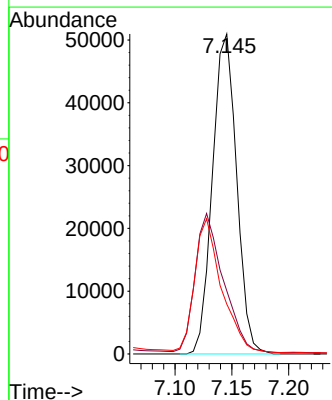
RT: 7.145 min Scan# 859

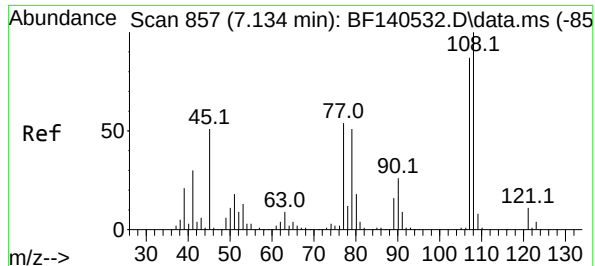
Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

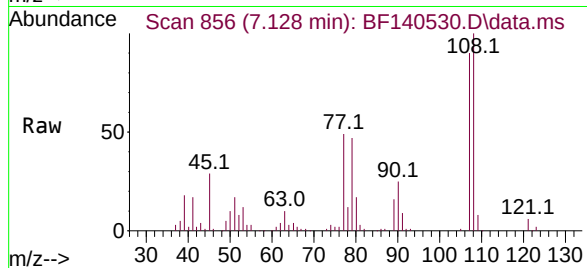
Tgt Ion:	45	Resp:	75295
Ion	Ratio	Lower	Upper
45	100		
77	19.7	10.7	50.7
79	15.6	7.0	47.0





#17
2-Methylphenol
Concen: 10.241 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

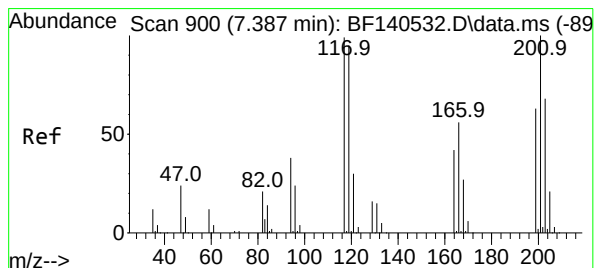
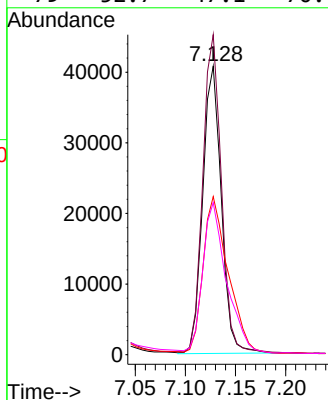
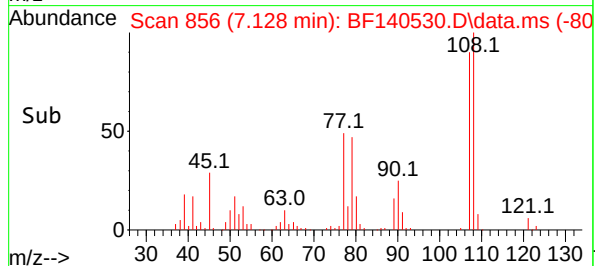
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



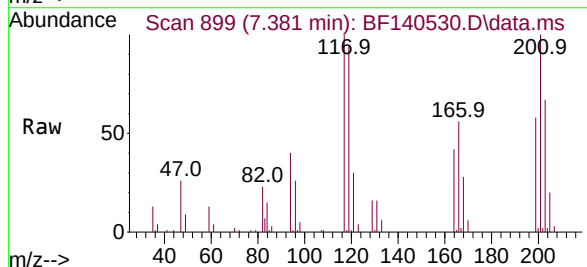
Tgt Ion:107 Resp: 5259
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 54.8 49.3 73.9
79 52.7 47.1 70.7

Manual Integrations
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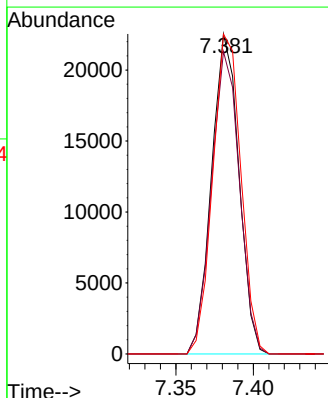
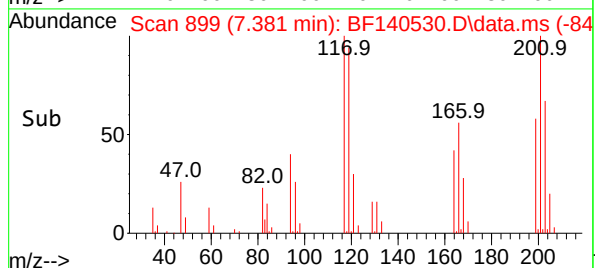
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

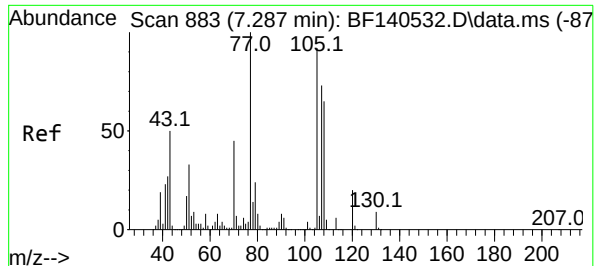


#18
Hexachloroethane
Concen: 10.165 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



Tgt Ion:117 Resp: 27715
Ion Ratio Lower Upper
117 100
119 94.5 77.1 115.7
201 99.9 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.367 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 48309

Ion Ratio Lower Upper

70 100

42 57.7 47.6 71.4

101 9.7 7.6 11.4

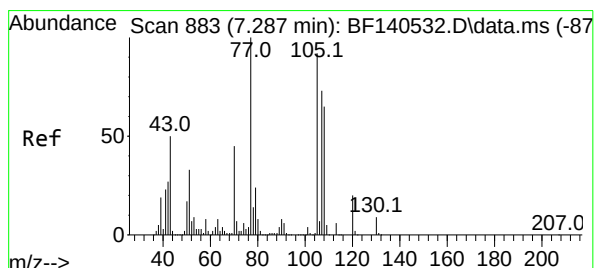
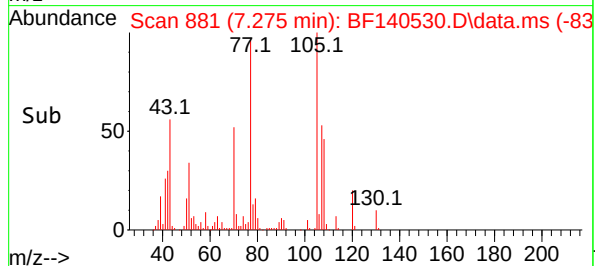
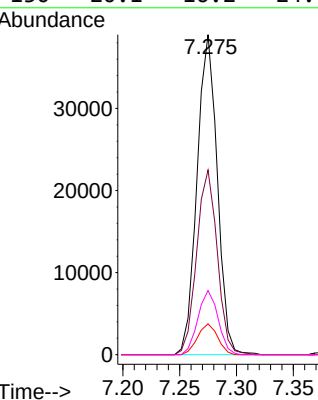
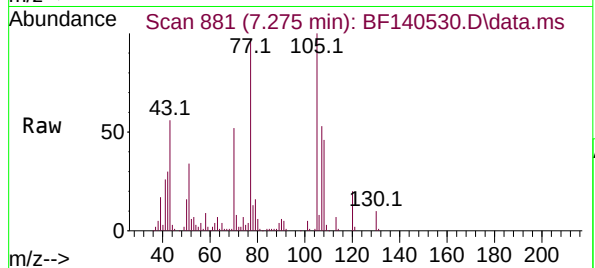
130 20.1 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 10.496 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:107 Resp: 69290

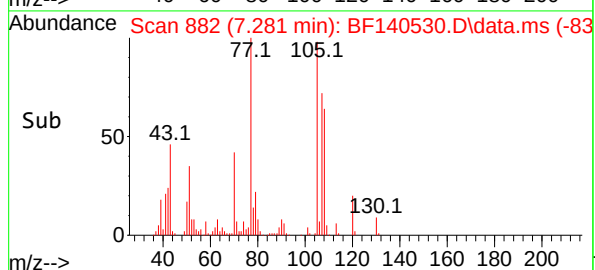
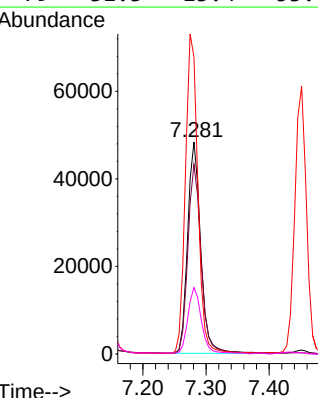
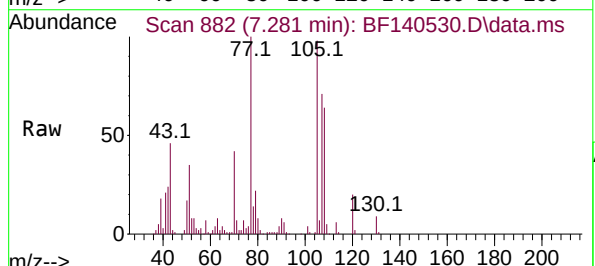
Ion Ratio Lower Upper

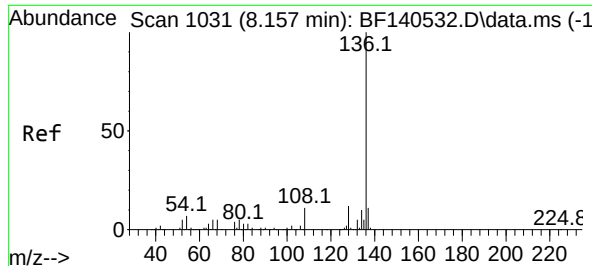
107 100

108 89.4 69.9 109.9

77 140.1 117.7 157.7

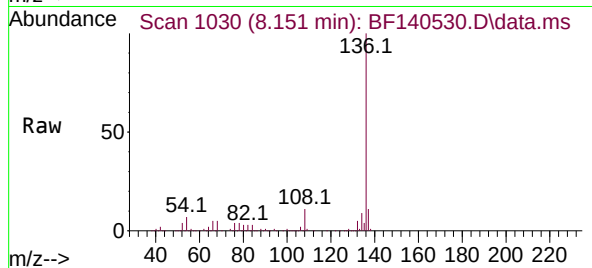
79 31.3 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

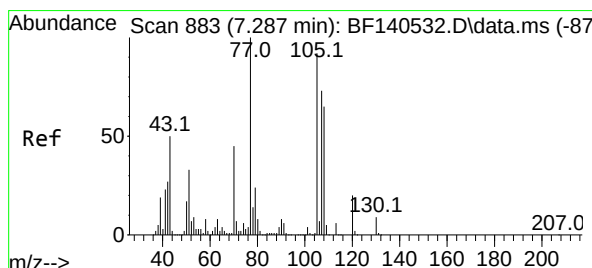
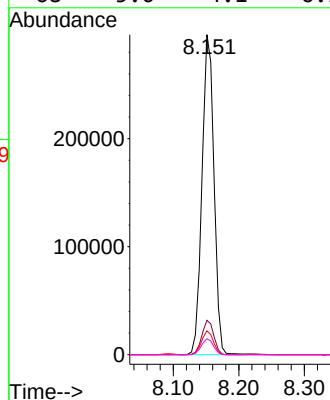
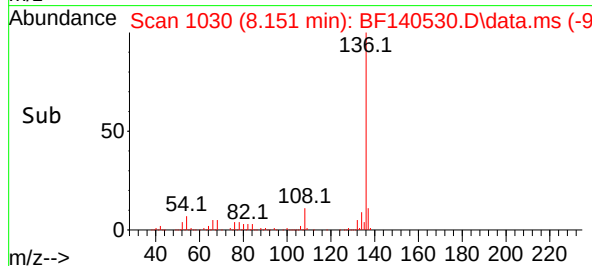
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 377828
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.4 5.8 8.8
68 5.0 4.1 6.1

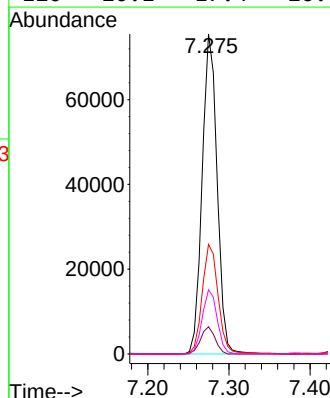
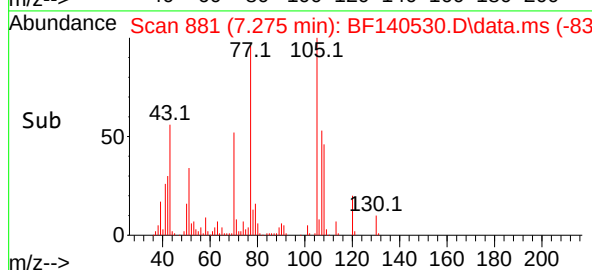
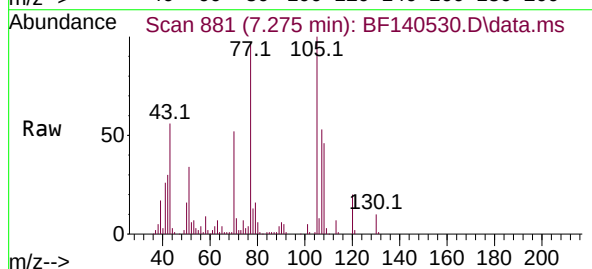
Manual Integrations
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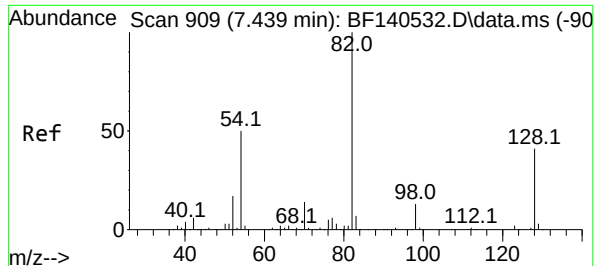
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 10.489 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:105 Resp: 96618
Ion Ratio Lower Upper
105 100
71 8.5 6.2 9.2
51 34.3 29.0 43.6
120 20.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 20.633 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 152410

Ion Ratio Lower Upper

82 100

128 39.7 33.0 49.4

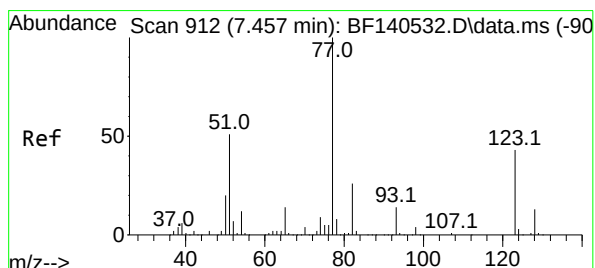
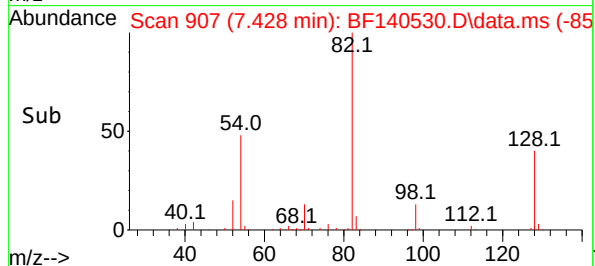
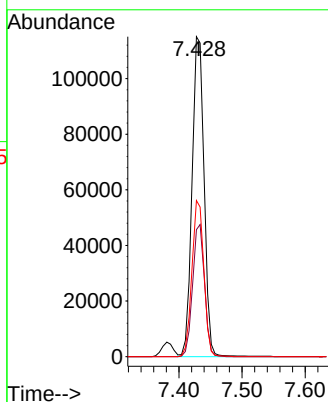
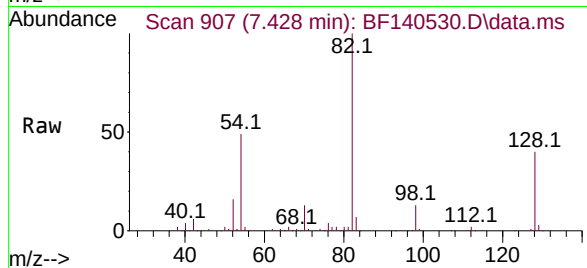
54 48.8 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 10.120 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

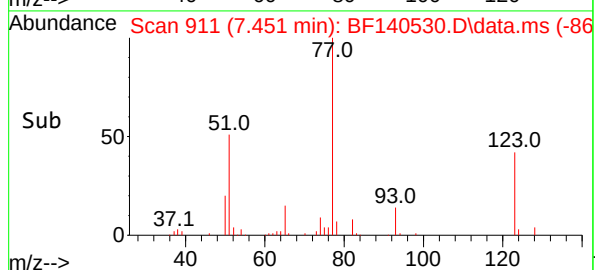
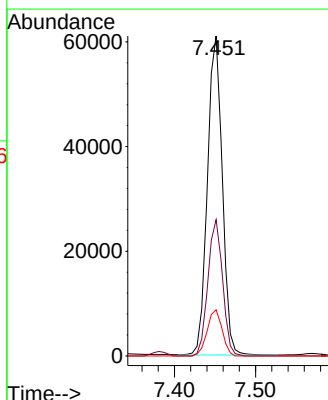
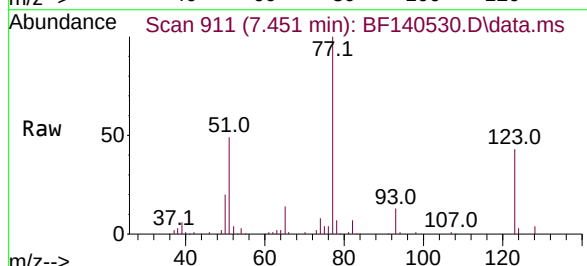
Tgt Ion: 77 Resp: 77259

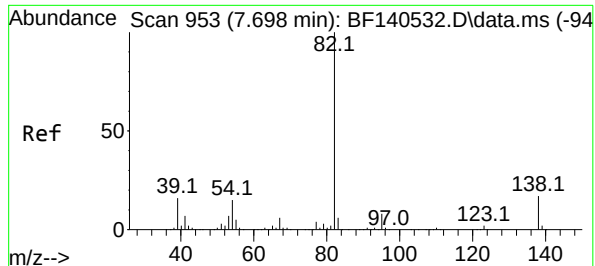
Ion Ratio Lower Upper

77 100

123 42.6 34.3 51.5

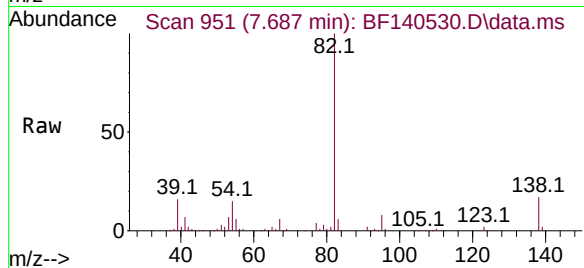
65 14.4 11.2 16.8





#25
Isophorone
Concen: 10.026 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

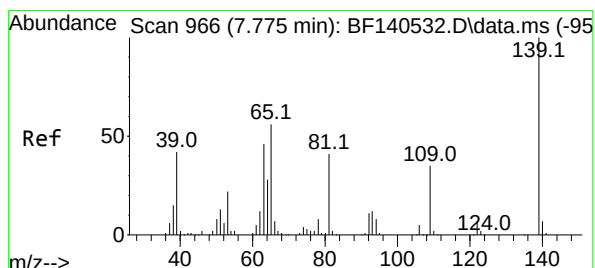
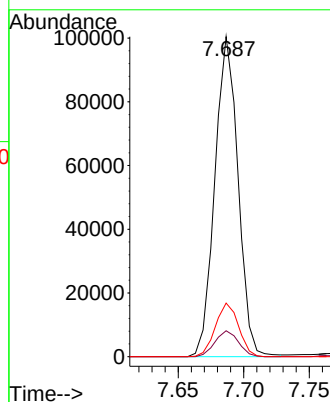
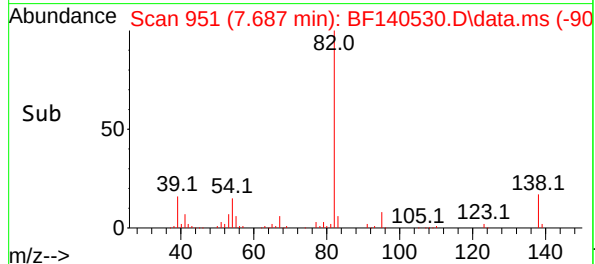
Instrument :
BNA_F
Client SampleId :
SSTDICC010



Tgt Ion: 82 Resp: 123528
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 16.7 13.8 20.6

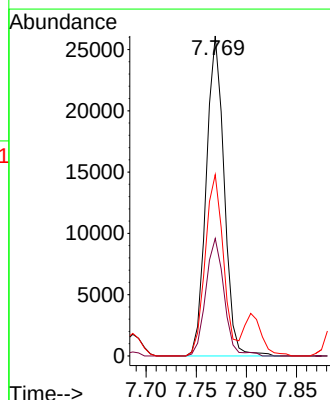
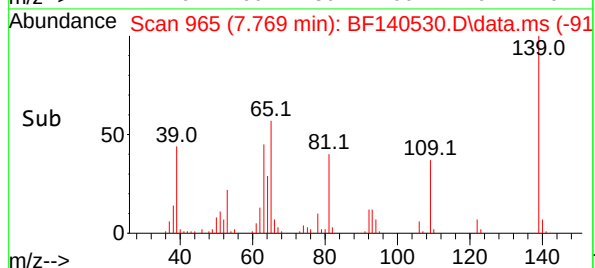
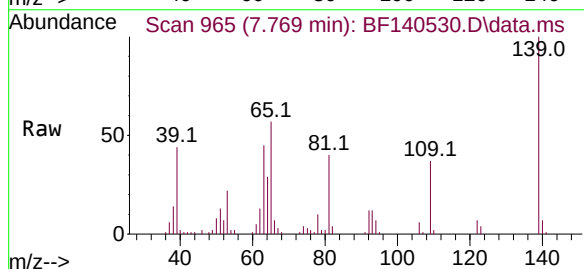
Manual Integrations
APPROVED

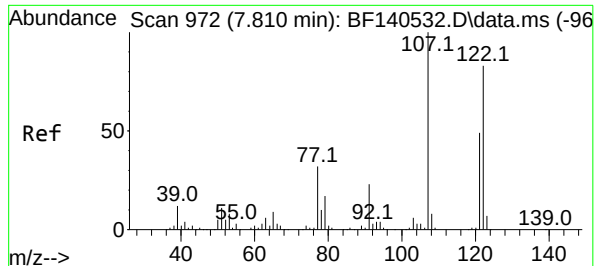
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 9.625 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:139 Resp: 32564
Ion Ratio Lower Upper
139 100
109 36.7 28.0 42.0
65 56.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 9.986 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

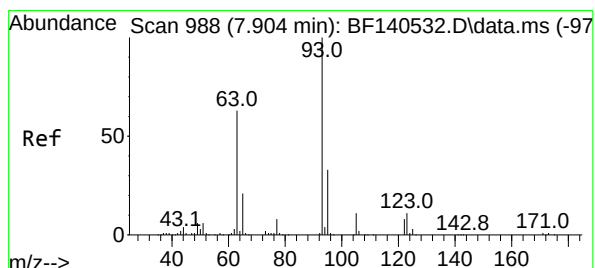
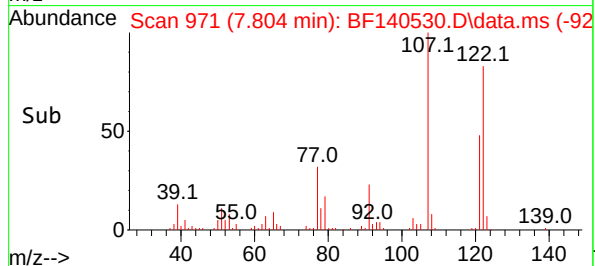
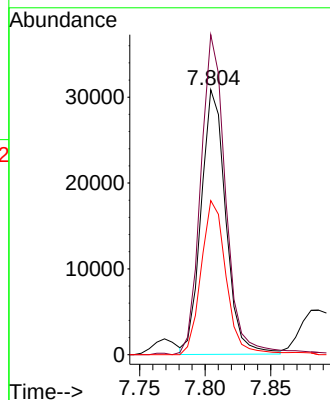
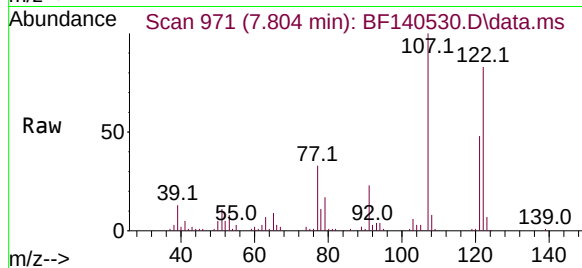
SSTDICC010

Tgt Ion:	122	Resp:	4042
Ion Ratio	Lower	Upper	
122	100		
107	120.8	96.8	145.2
121	58.2	47.4	71.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 10.274 ng

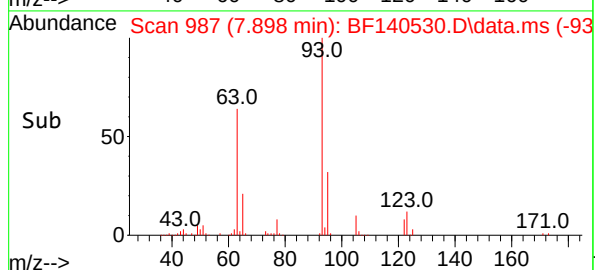
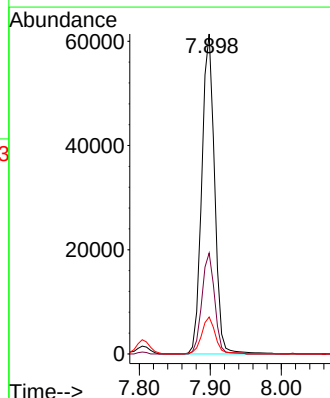
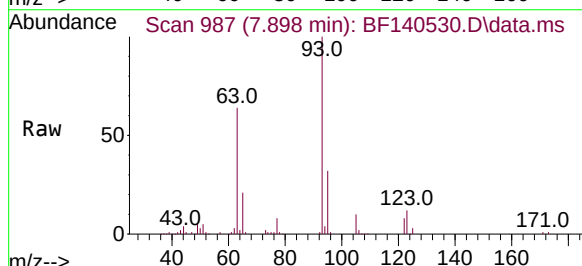
RT: 7.898 min Scan# 987

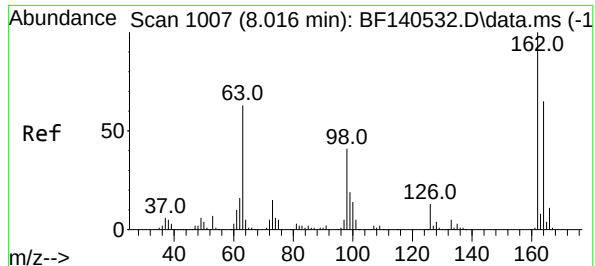
Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:	93	Resp:	77116
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.1	39.1
123	11.6	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 10.261 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

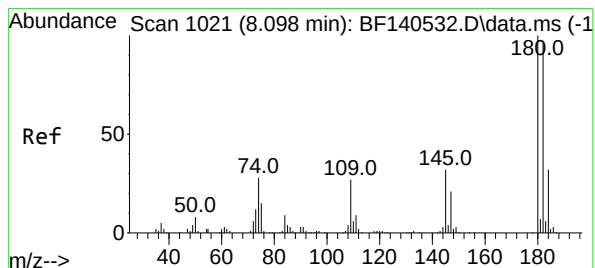
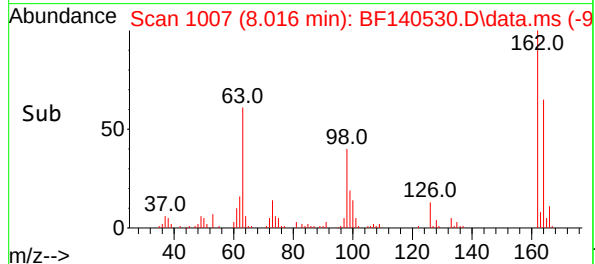
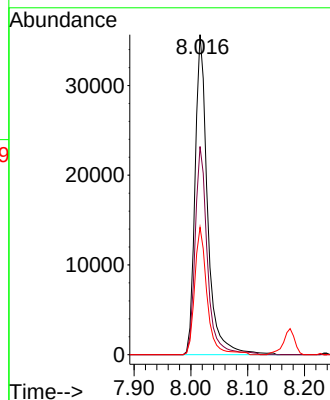
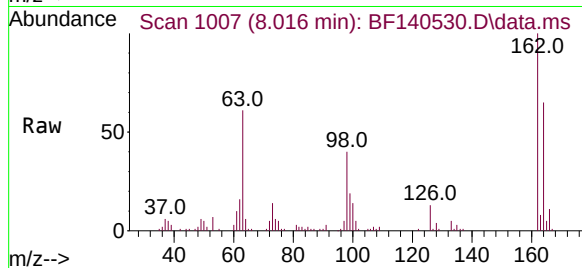
SSTDICC010

Tgt Ion:	162	Resp:	5503
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.8	84.8
98	39.8	21.2	61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.413 ng

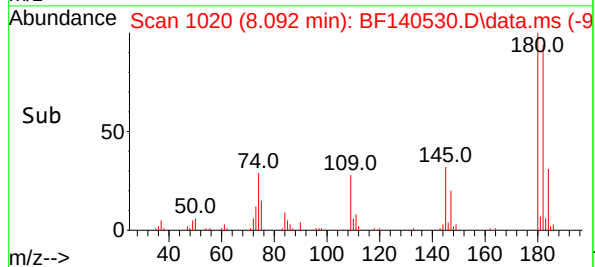
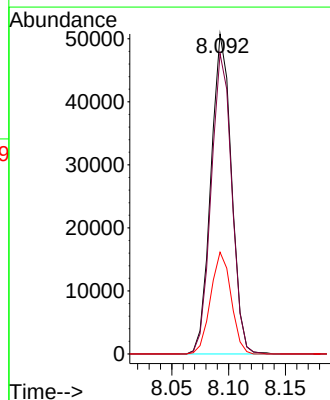
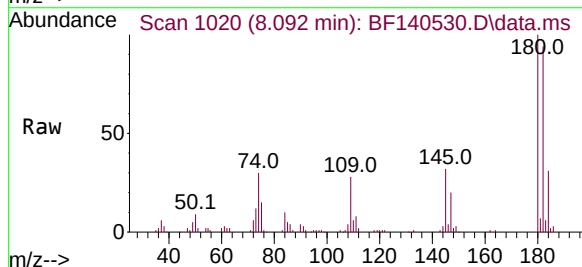
RT: 8.092 min Scan# 1020

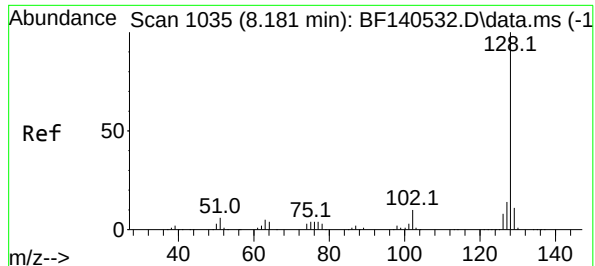
Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

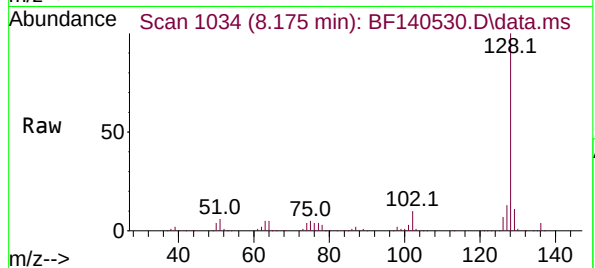
Tgt Ion:	180	Resp:	63769
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.4	114.6
145	31.8	25.9	38.9





#31
Naphthalene
Concen: 10.434 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

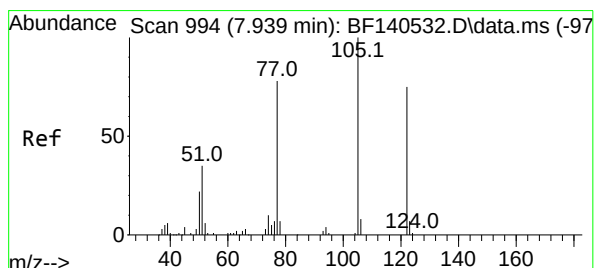
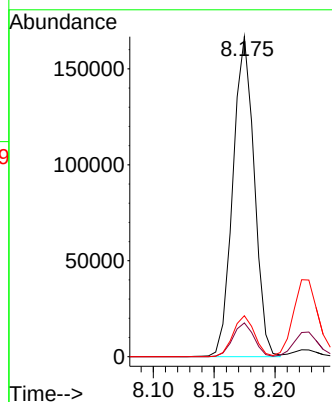
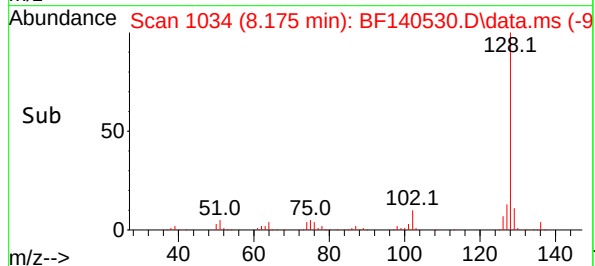
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 203054
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.8 10.8 16.2

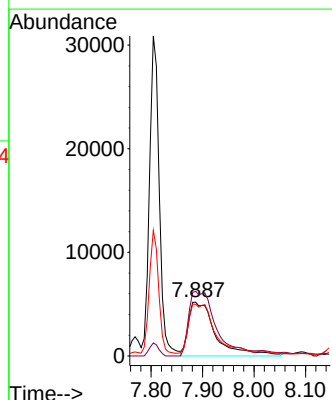
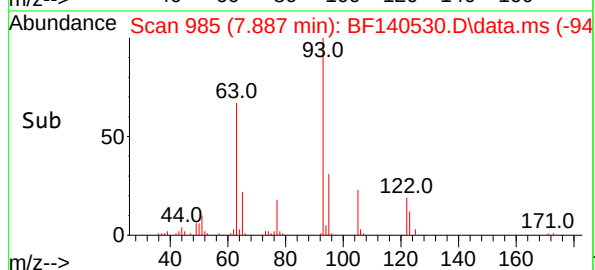
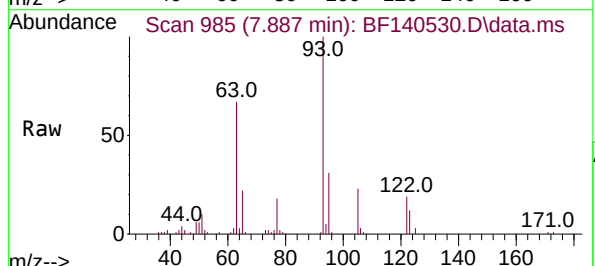
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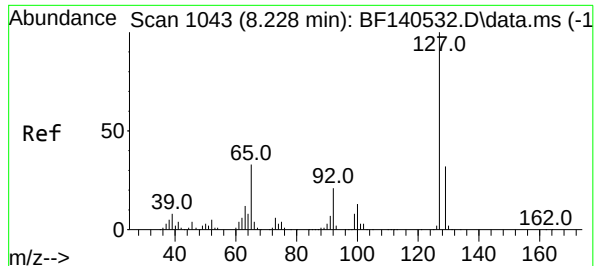
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 11.820 ng m
RT: 7.887 min Scan# 985
Delta R.T. -0.052 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:122 Resp: 19174
Ion Ratio Lower Upper
122 100
105 120.1 109.3 149.3
77 96.0 82.3 122.3





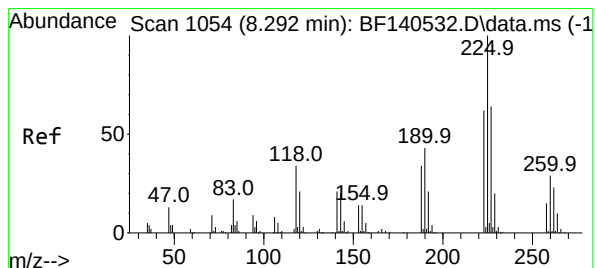
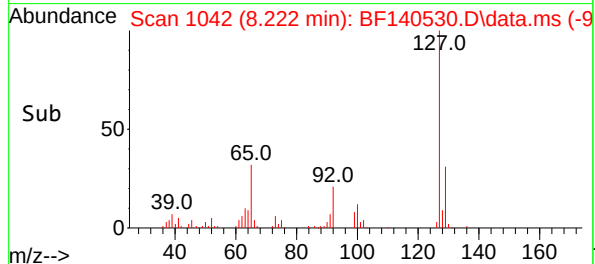
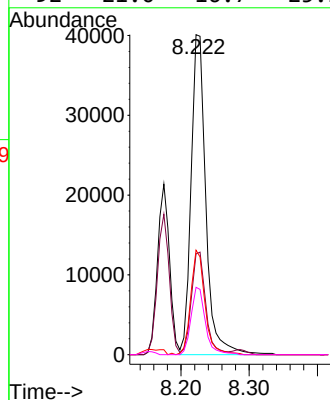
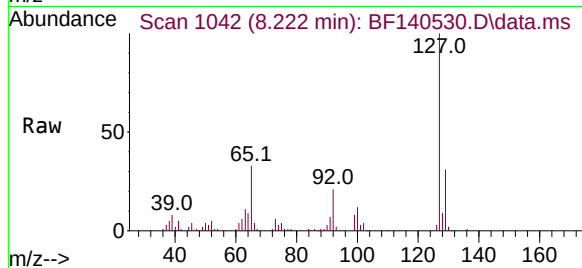
#33
4-Chloroaniline
Concen: 10.315 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	32.6	26.0	39.0
92	21.0	16.7	25.1

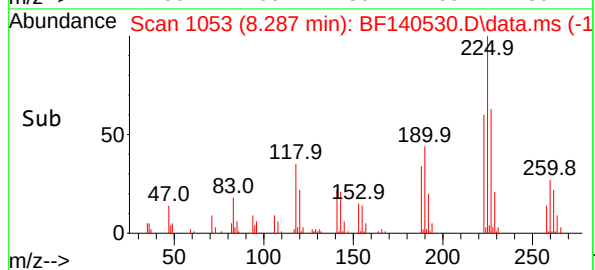
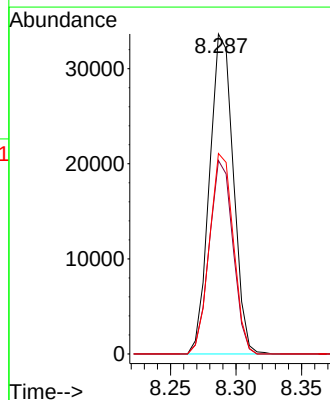
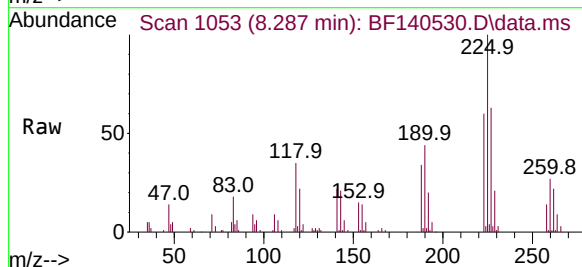
Manual Integrations
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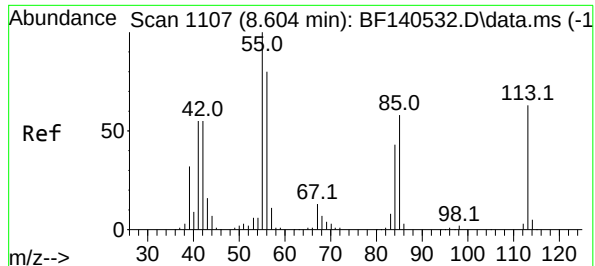
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 10.472 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.8	74.8
227	62.7	51.3	76.9





#35

Caprolactam

Concen: 10.317 ng

RT: 8.563 min Scan# 1107

Delta R.T. -0.041 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:113 Resp: 17120

Ion Ratio Lower Upper

113 100

55 151.0 137.7 177.7

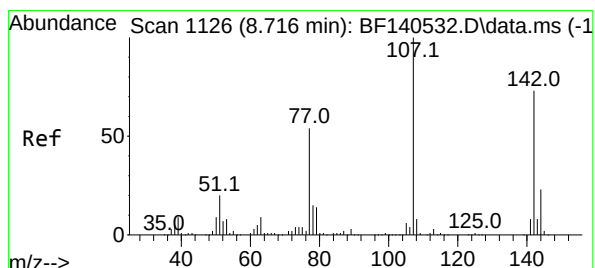
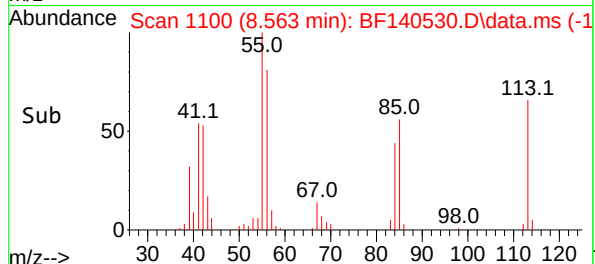
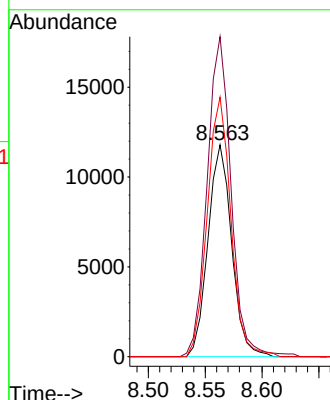
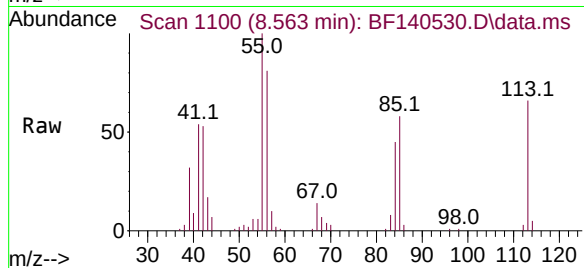
56 122.5 106.4 146.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#36

4-Chloro-3-methylphenol

Concen: 10.008 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

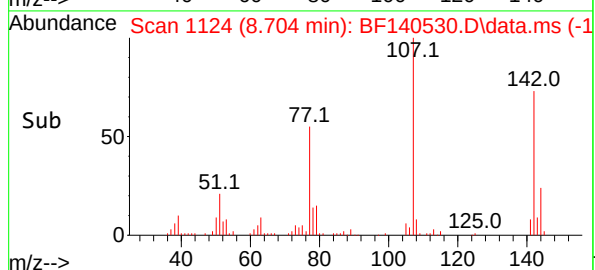
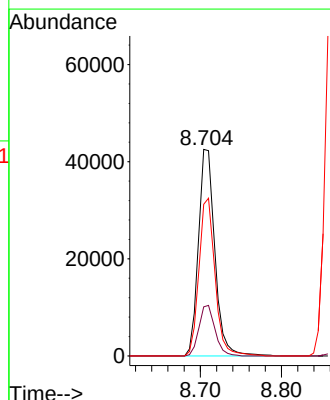
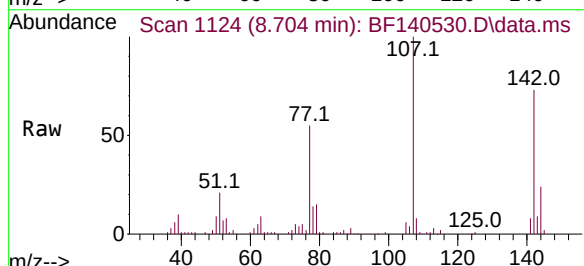
Tgt Ion:107 Resp: 60104

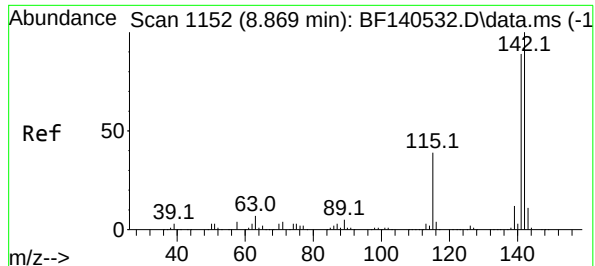
Ion Ratio Lower Upper

107 100

144 23.8 18.7 28.1

142 73.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 10.387 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:142 Resp: 12839

Ion Ratio Lower Upper

142 100

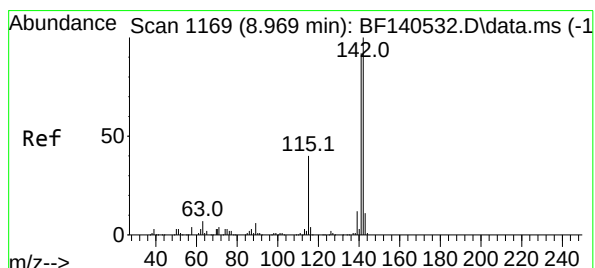
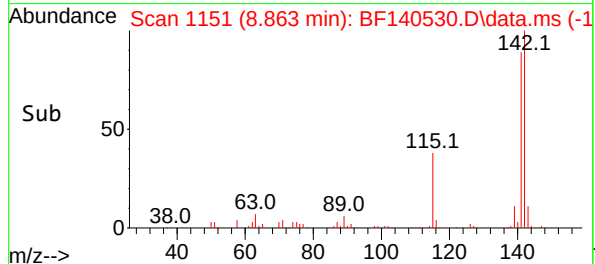
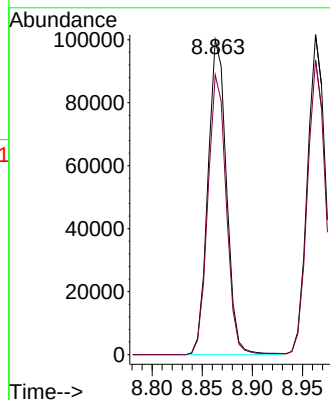
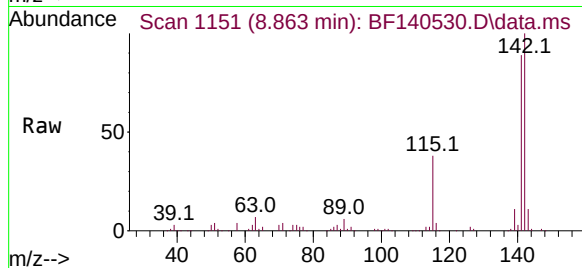
141 88.8 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 10.372 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140530.D

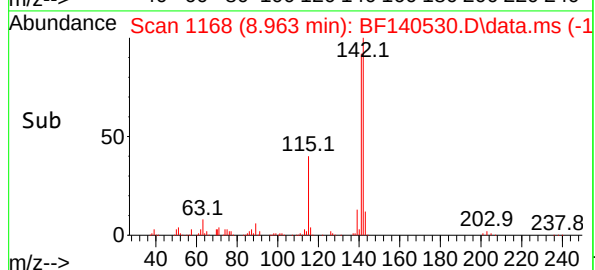
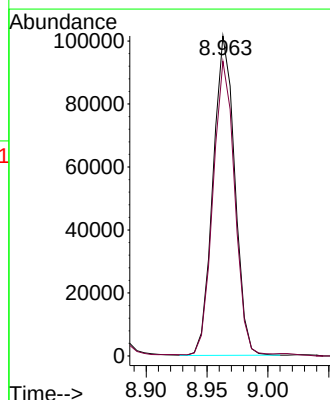
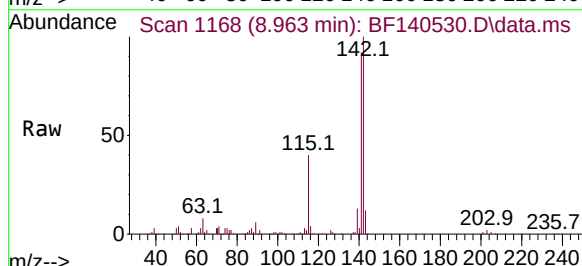
Acq: 21 Nov 2024 12:05

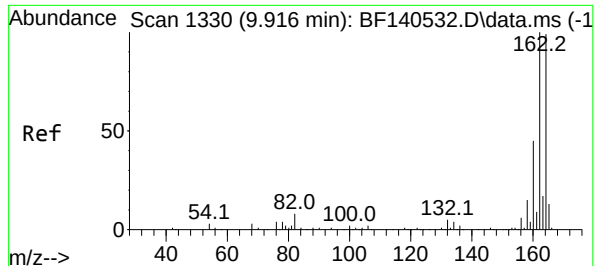
Tgt Ion:142 Resp: 125672

Ion Ratio Lower Upper

142 100

141 92.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

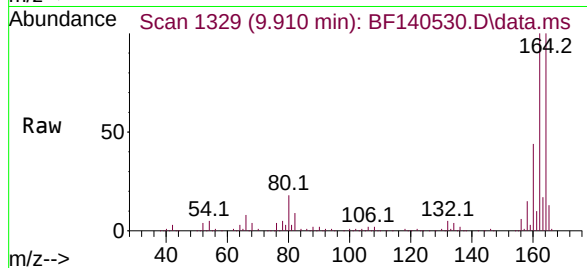
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 213774

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

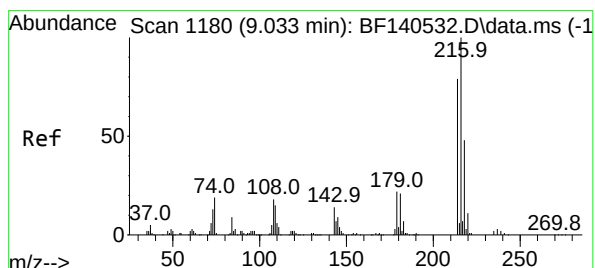
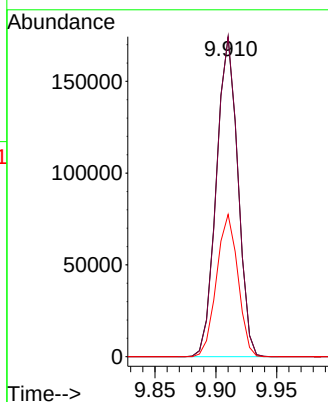
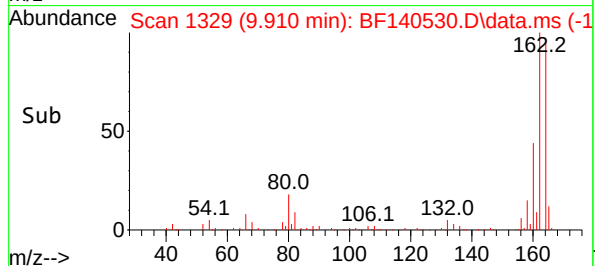
160 44.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

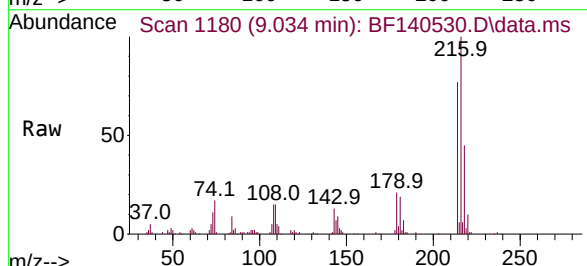
Concen: 10.308 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05



Tgt Ion:216 Resp: 64508

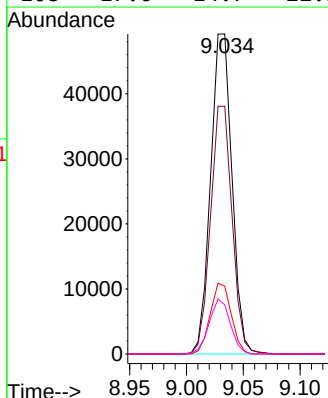
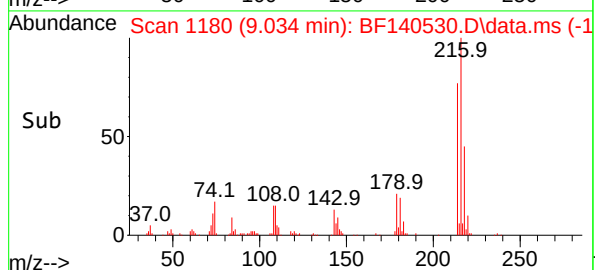
Ion Ratio Lower Upper

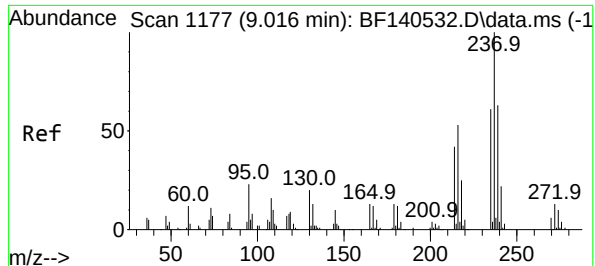
216 100

214 78.0 63.0 94.4

179 21.7 17.5 26.3

108 17.0 14.7 22.1





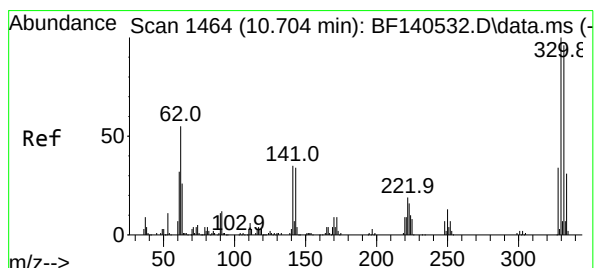
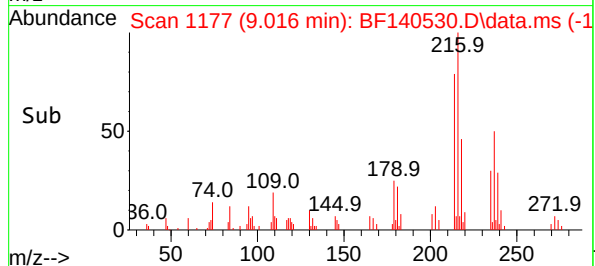
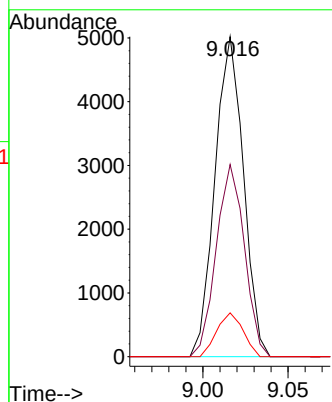
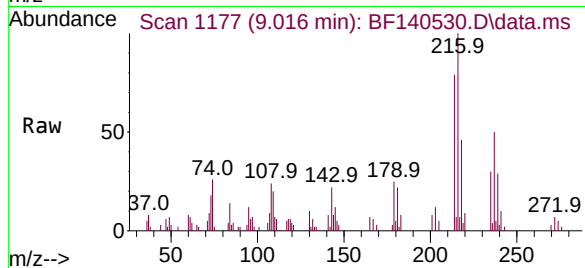
#41
Hexachlorocyclopentadiene
Concen: 11.063 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 5830
Ion Ratio Lower Upper
237 100
235 60.1 41.1 81.1
272 13.7 0.0 32.6

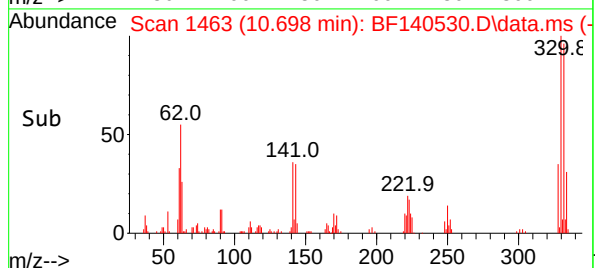
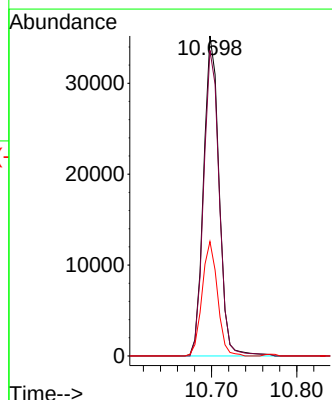
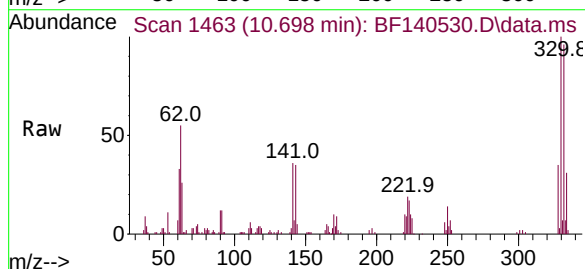
Manual Integrations
APPROVED

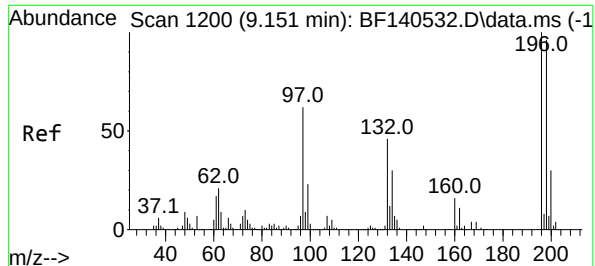
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 19.519 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:330 Resp: 44626
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 35.3 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 9.748 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140530.D

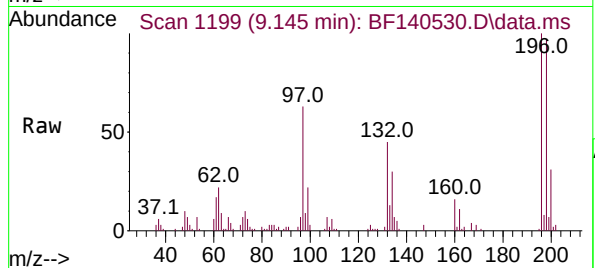
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 38279

Ion Ratio Lower Upper

196 100

198 97.3 76.8 115.2

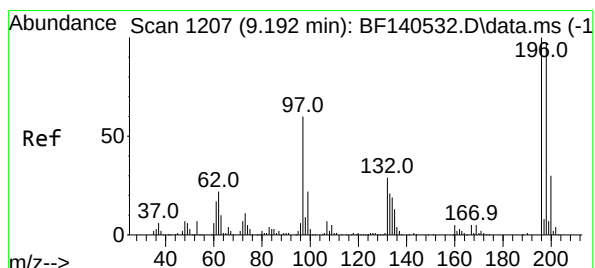
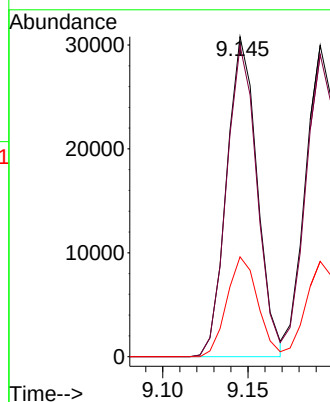
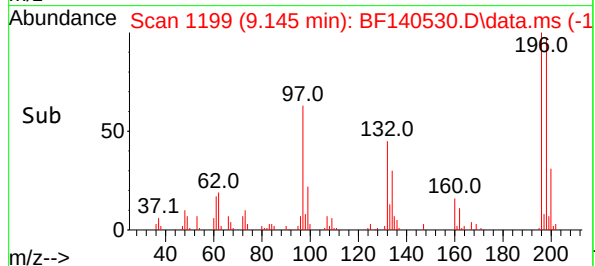
200 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

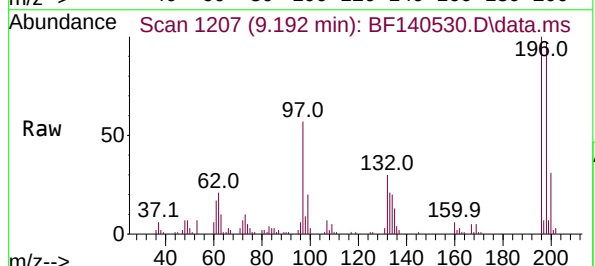
Concen: 9.930 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05



Tgt Ion:196 Resp: 42321

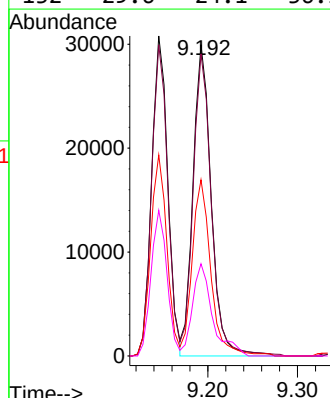
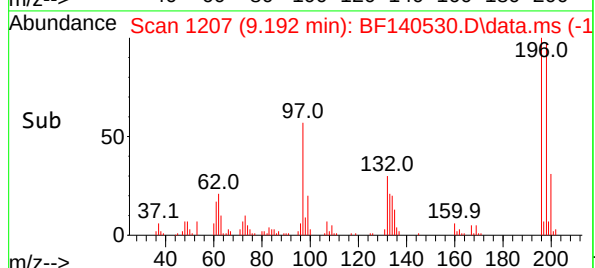
Ion Ratio Lower Upper

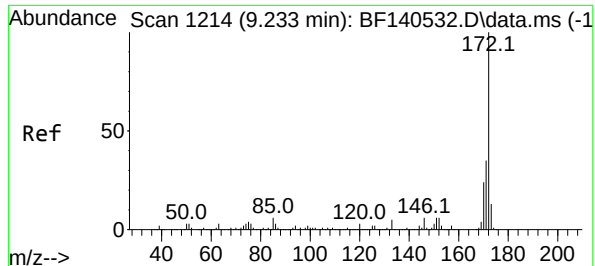
196 100

198 97.0 77.2 115.8

97 56.6 47.1 70.7

132 29.6 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 20.896 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 29981

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

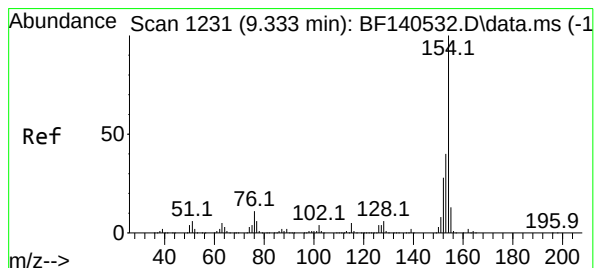
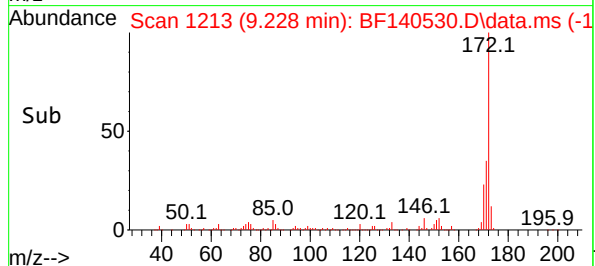
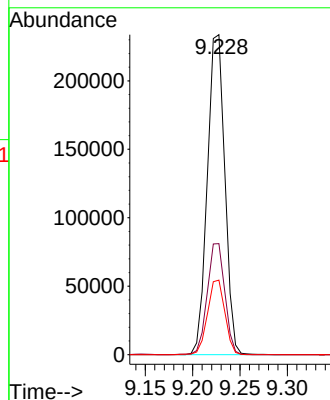
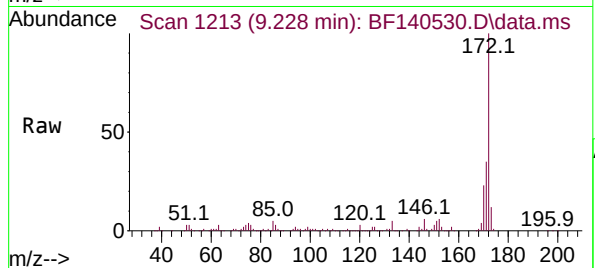
170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 10.244 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

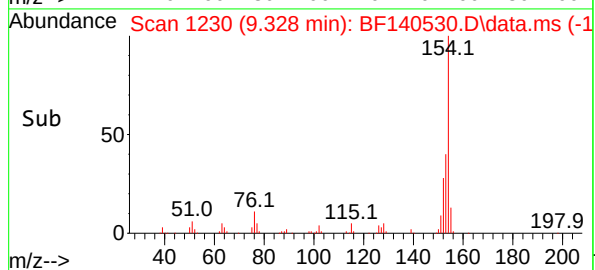
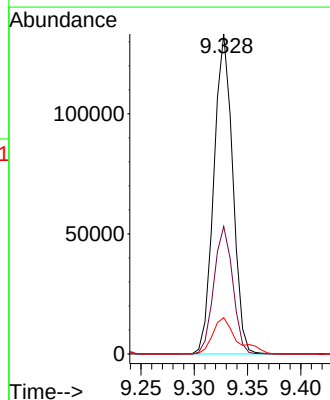
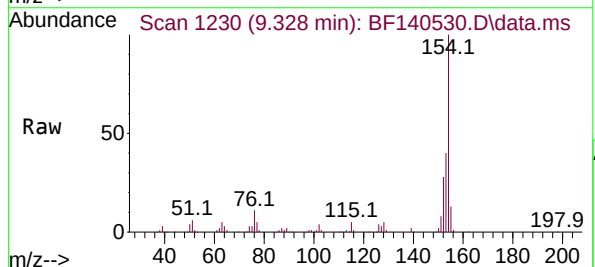
Tgt Ion:154 Resp: 163500

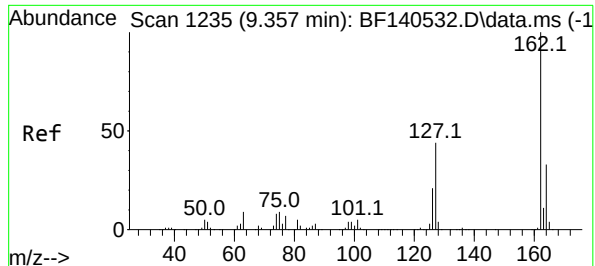
Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 10.117 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

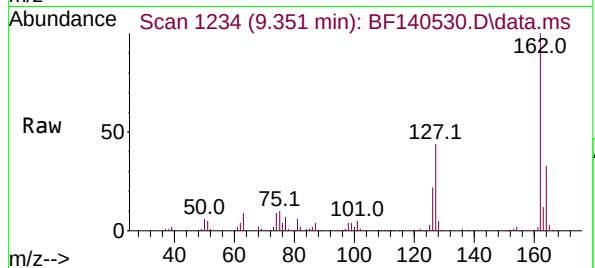
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 122350

Ion Ratio Lower Upper

162 100

127 43.9 35.7 53.5

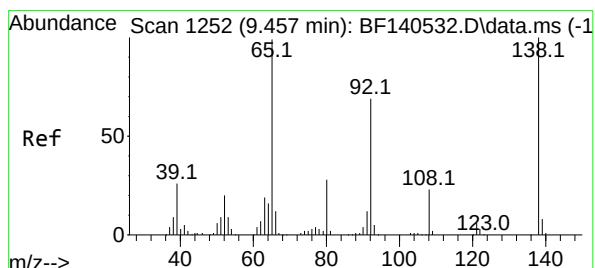
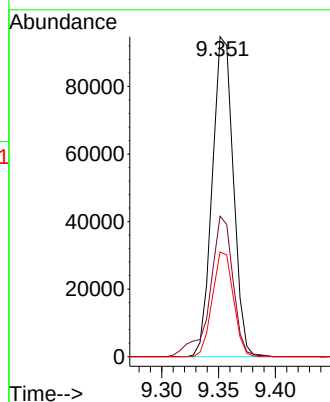
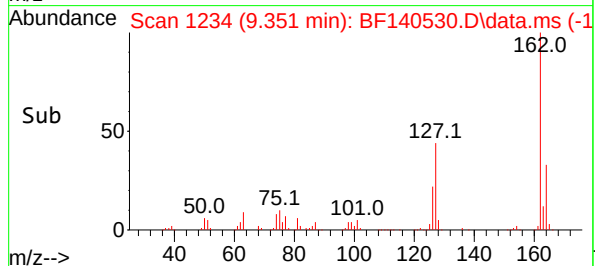
164 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 9.655 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

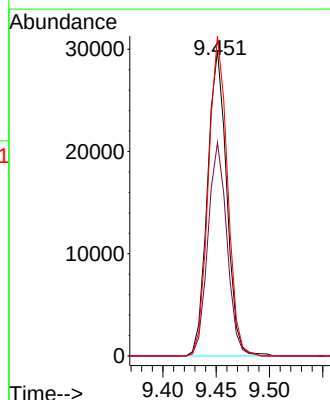
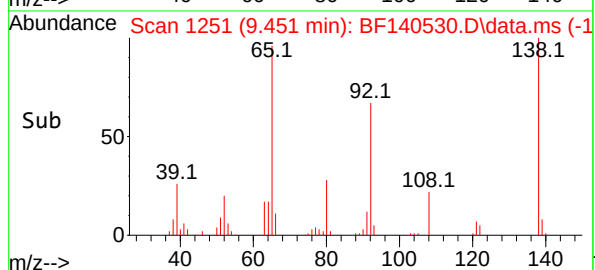
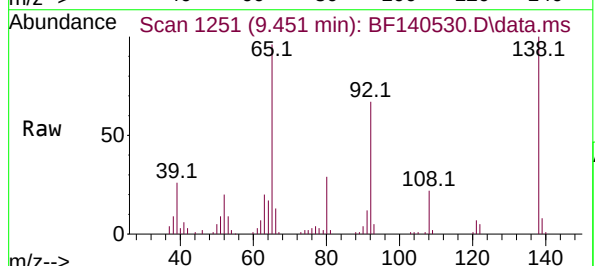
Tgt Ion: 65 Resp: 37481

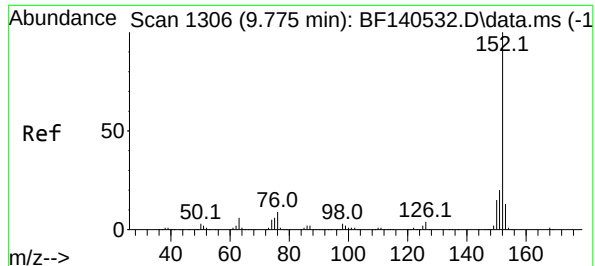
Ion Ratio Lower Upper

65 100

92 69.8 56.1 84.1

138 104.7 81.0 121.6





#49

Acenaphthylene

Concen: 10.326 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 188670

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

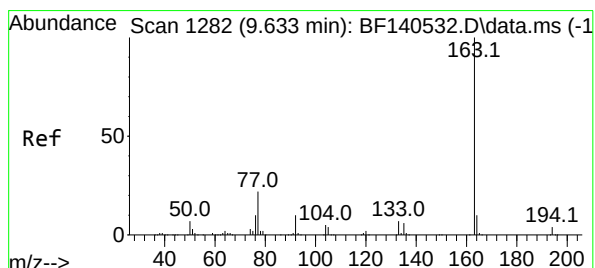
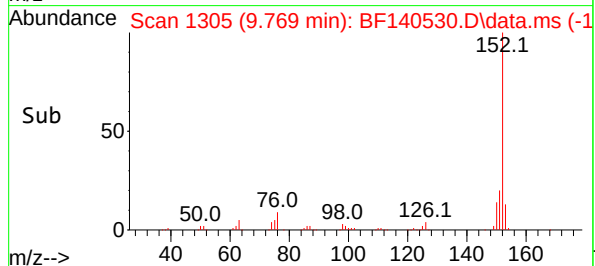
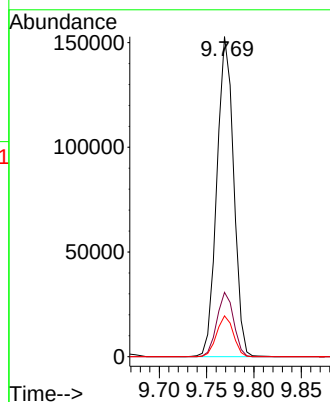
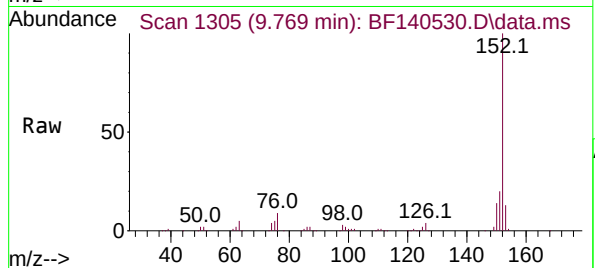
153 12.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#50

Dimethylphthalate

Concen: 10.092 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

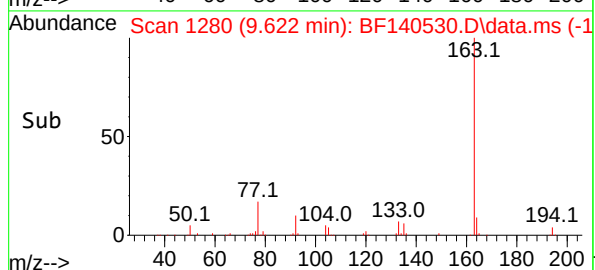
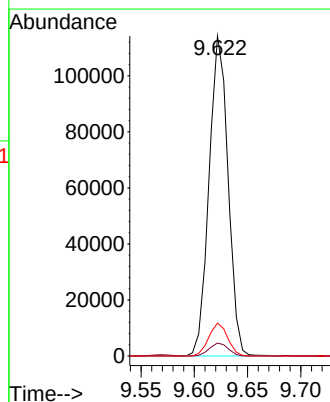
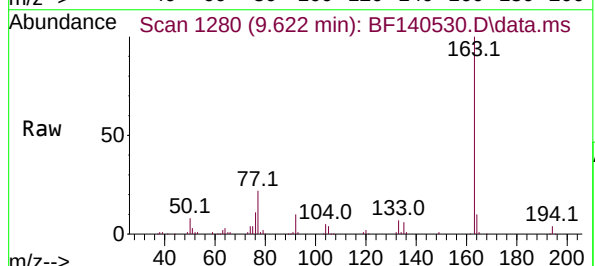
Tgt Ion:163 Resp: 142079

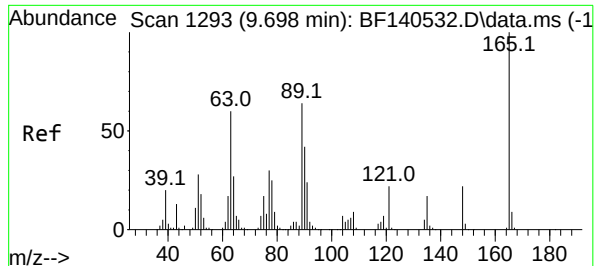
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

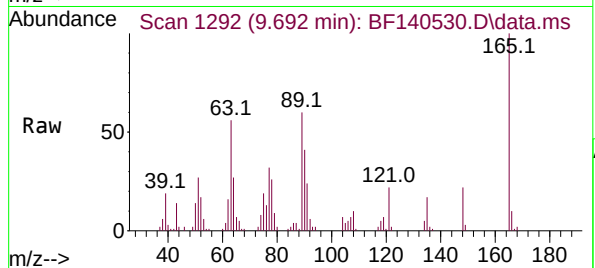
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 10.021 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

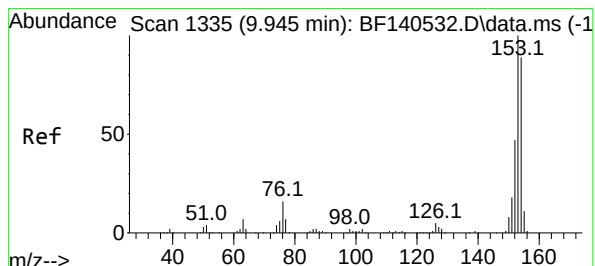
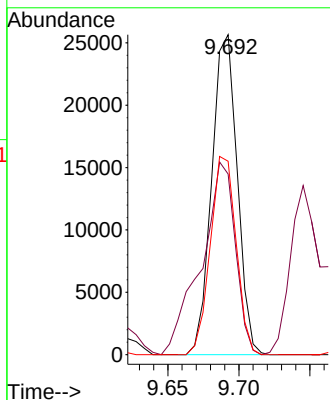
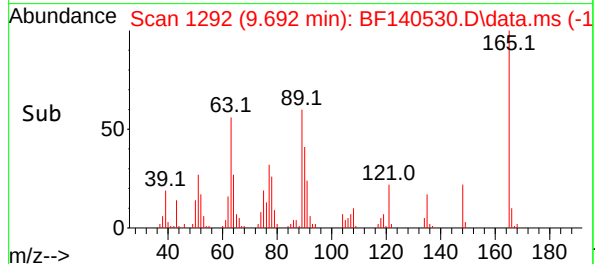
Instrument :
BNA_F
Client Sample Id :
SSTDICC010



Tgt Ion:165 Resp: 31998
Ion Ratio Lower Upper
165 100
63 56.5 49.9 74.9
89 60.4 50.9 76.3

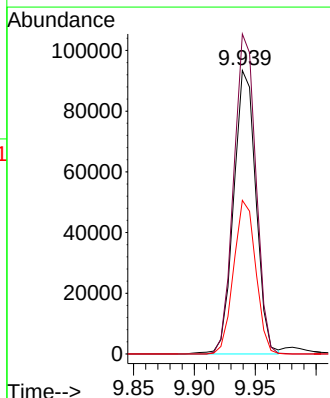
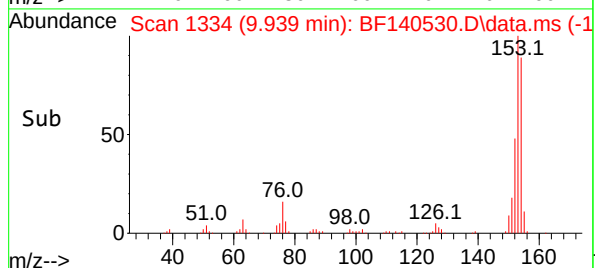
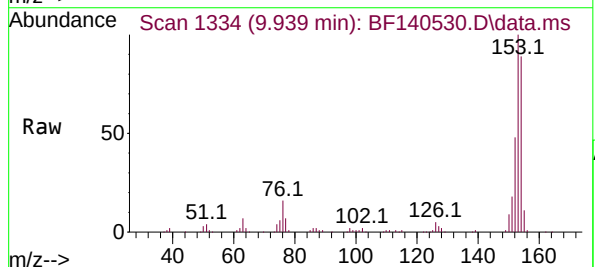
Manual Integrations
APPROVED

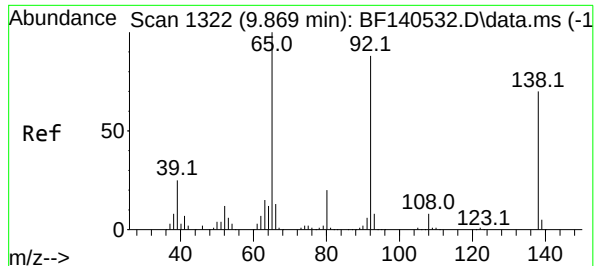
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 10.031 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:154 Resp: 118691
Ion Ratio Lower Upper
154 100
153 112.8 89.7 134.5
152 54.2 42.5 63.7





#53
3-Nitroaniline
Concen: 10.177 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

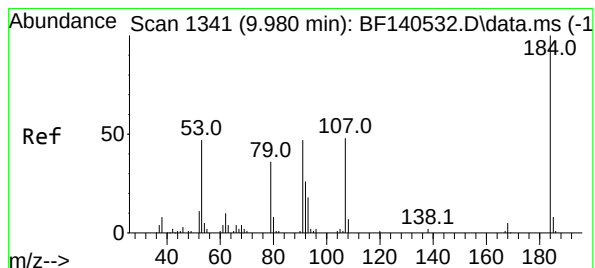
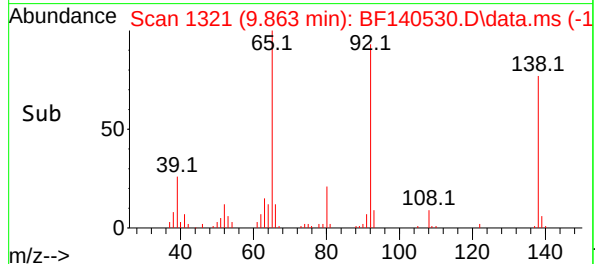
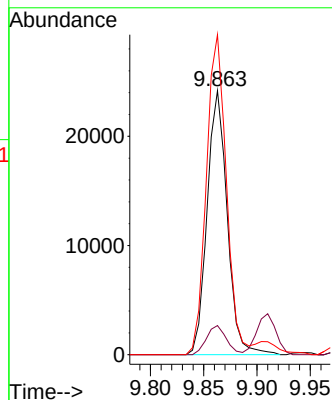
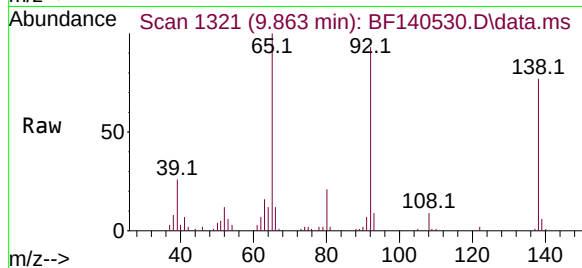
SSTDICC010

Tgt Ion:138 Resp: 3178
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 121.2 100.6 150.8

Manual Integrations

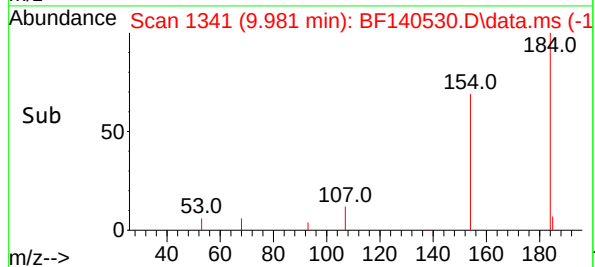
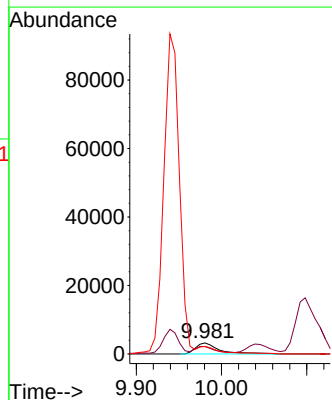
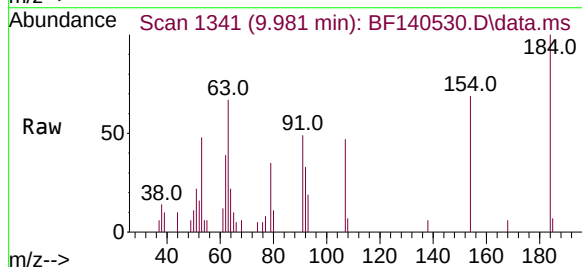
APPROVED

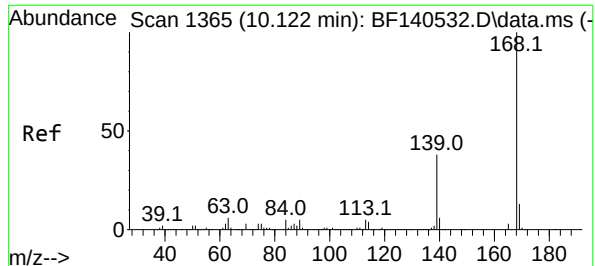
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 11.143 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:184 Resp: 6086
Ion Ratio Lower Upper
184 100
63 67.4 54.1 81.1
154 68.7 57.4 86.0





#55

Dibenzenofuran

Concen: 10.497 ng

RT: 10.116 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 185902

Ion Ratio Lower Upper

168 100

139 38.7 31.3 46.9

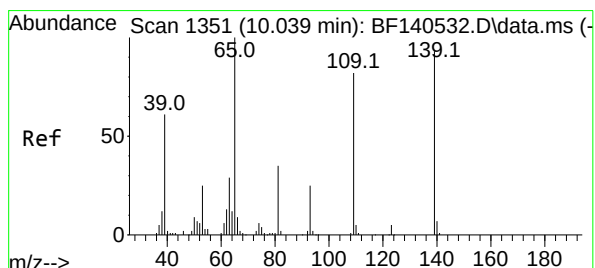
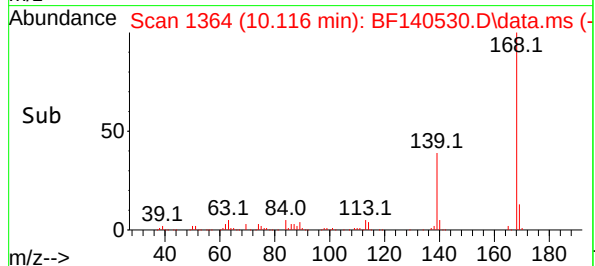
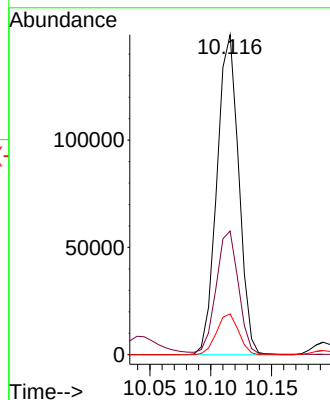
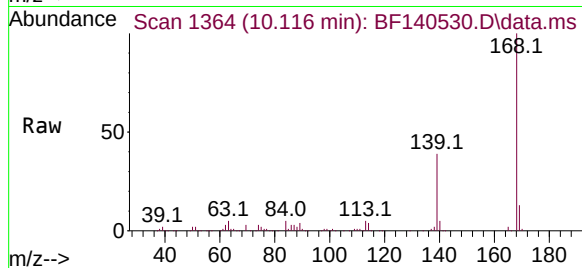
169 12.8 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#56

4-Nitrophenol

Concen: 8.006 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

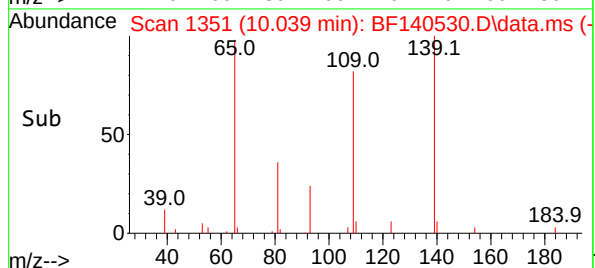
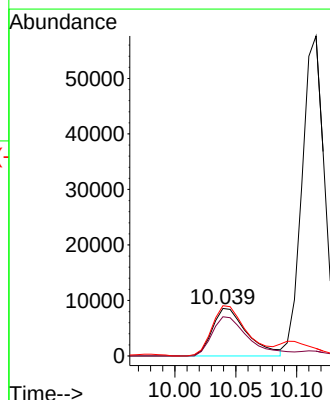
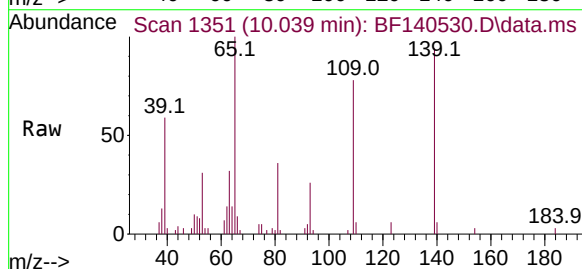
Tgt Ion:139 Resp: 17052

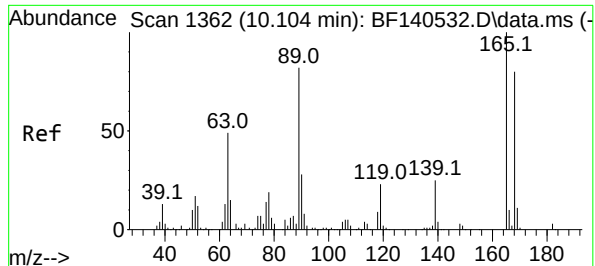
Ion Ratio Lower Upper

139 100

109 82.5 68.4 108.4

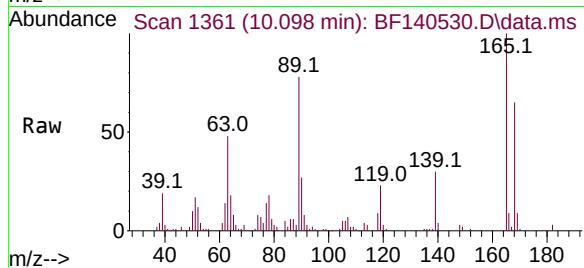
65 105.9 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 10.140 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

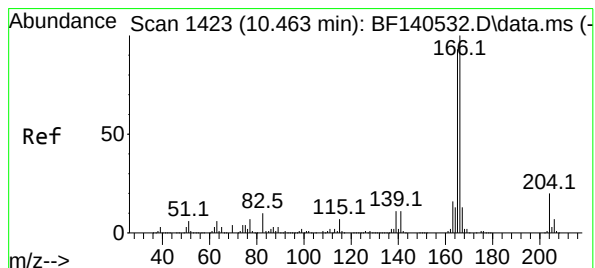
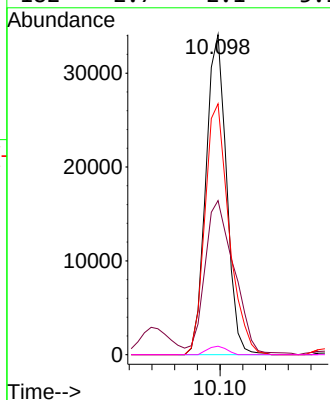
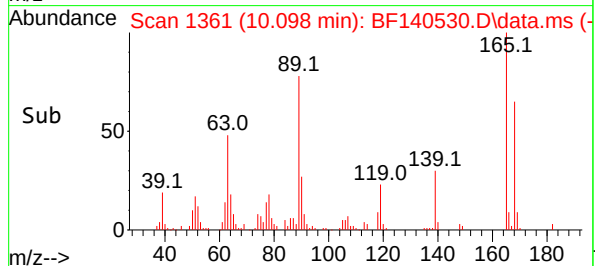
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 43030
Ion Ratio Lower Upper
165 100
63 48.1 41.7 62.5
89 78.4 65.8 98.8
182 2.7 2.1 3.1

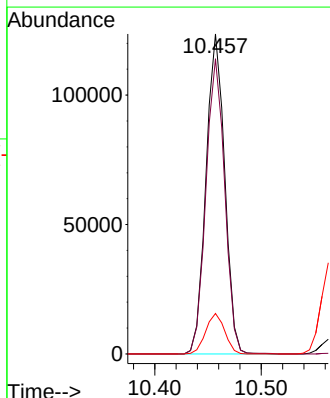
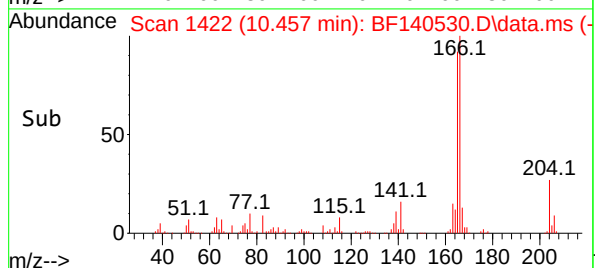
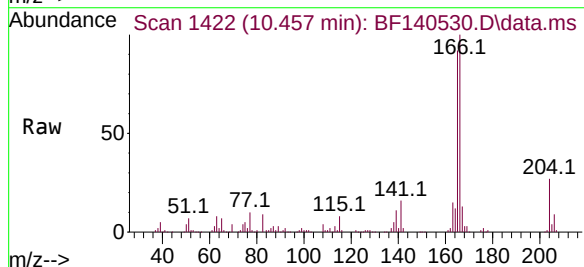
Manual Integrations
APPROVED

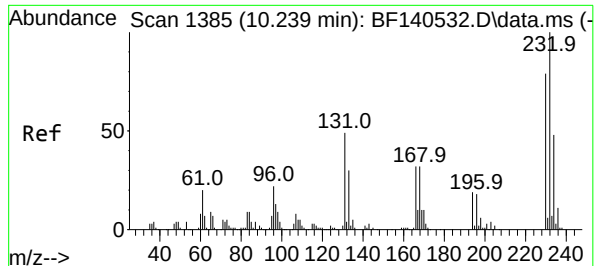
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 10.594 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

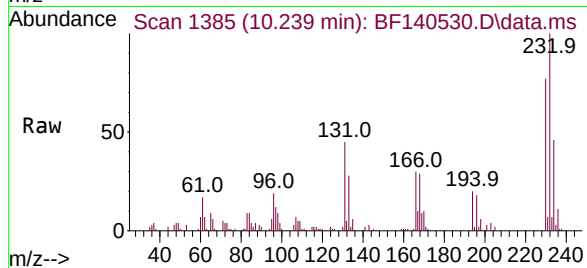
Tgt Ion:166 Resp: 150592
Ion Ratio Lower Upper
166 100
165 92.3 74.6 111.8
167 12.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.670 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

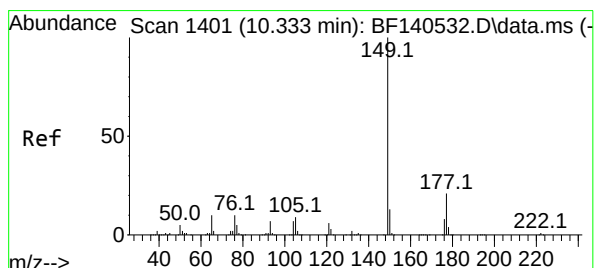
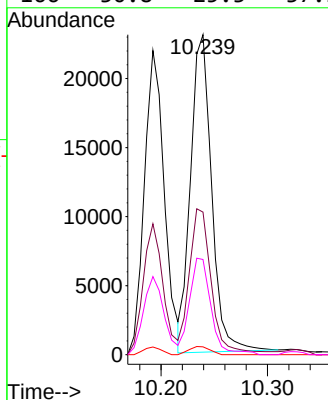
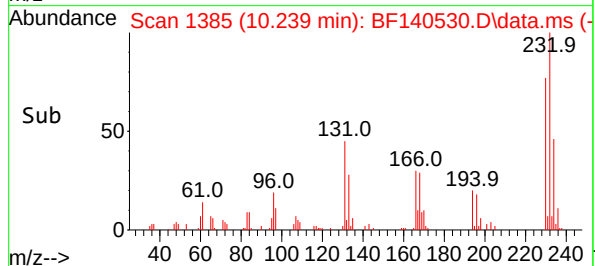
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



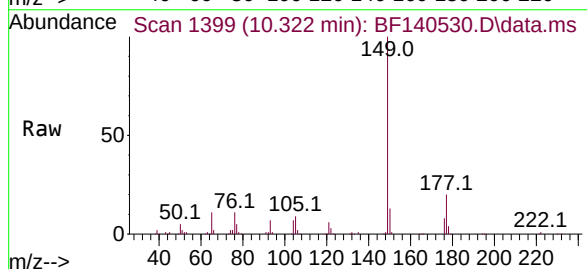
Tgt Ion:232 Resp: 31672
Ion Ratio Lower Upper
232 100
131 48.3 39.6 59.4
130 2.6 1.9 2.9
166 30.8 25.3 37.9

Manual Integrations
APPROVED

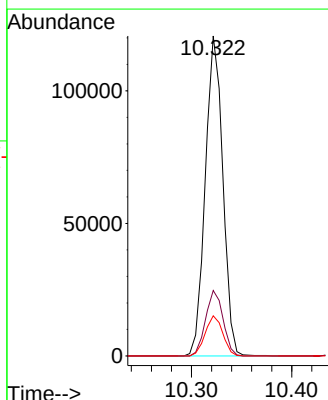
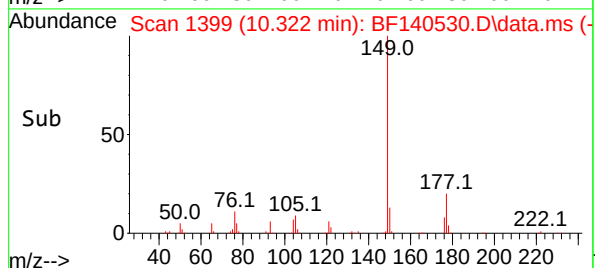
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

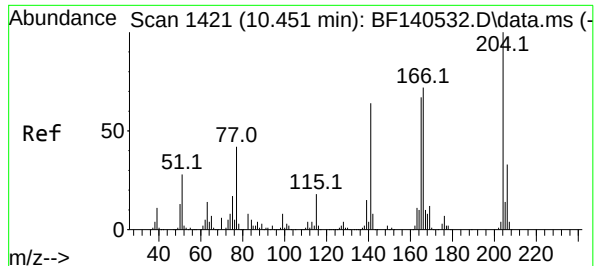


#60
Diethylphthalate
Concen: 10.276 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



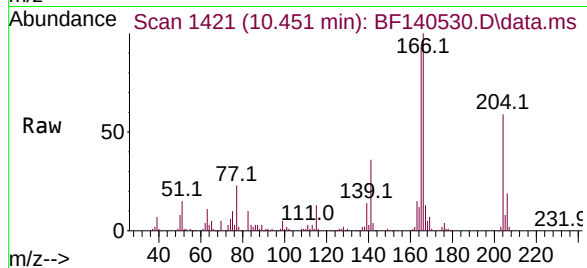
Tgt Ion:149 Resp: 146994
Ion Ratio Lower Upper
149 100
177 20.4 17.1 25.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 10.452 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

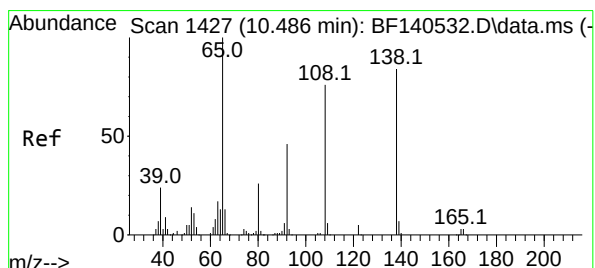
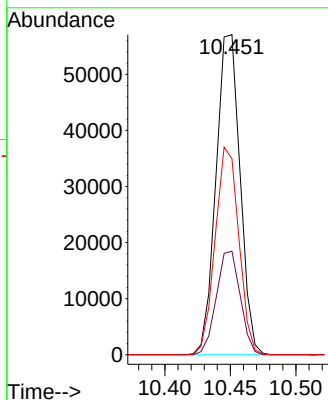
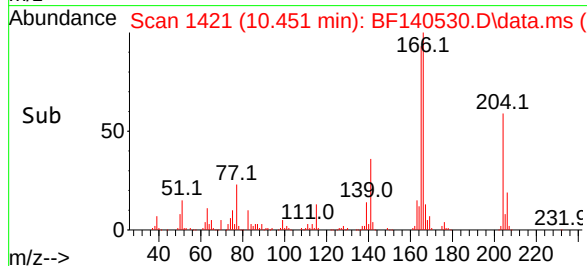
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



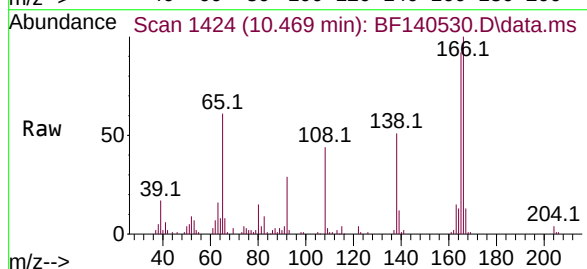
Tgt Ion:204 Resp: 72915
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 61.2 51.1 76.7

Manual Integrations
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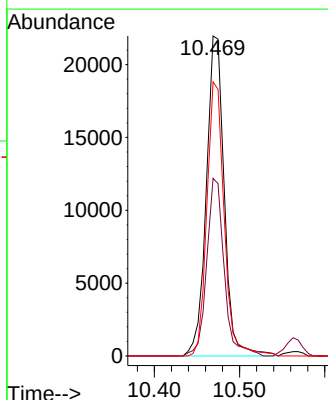
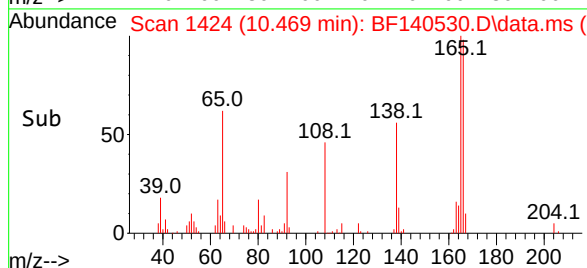
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

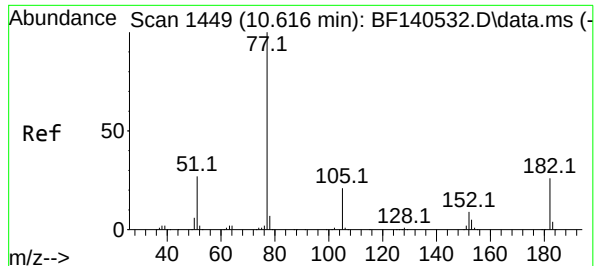


#62
4-Nitroaniline
Concen: 9.829 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



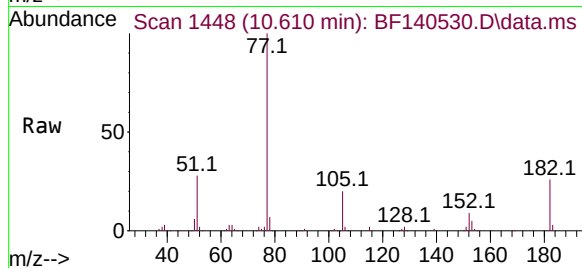
Tgt Ion:138 Resp: 32193
Ion Ratio Lower Upper
138 100
92 55.5 34.5 74.5
108 85.7 70.6 110.6





#63
Azobenzene
Concen: 10.412 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

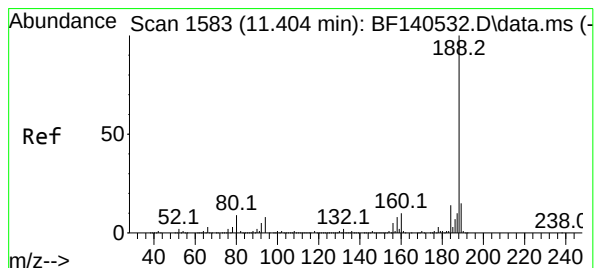
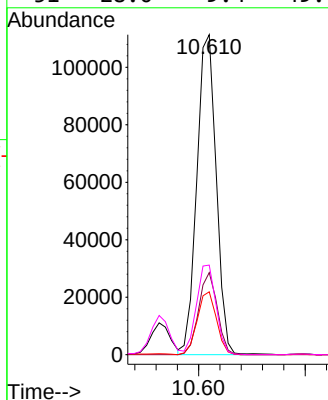
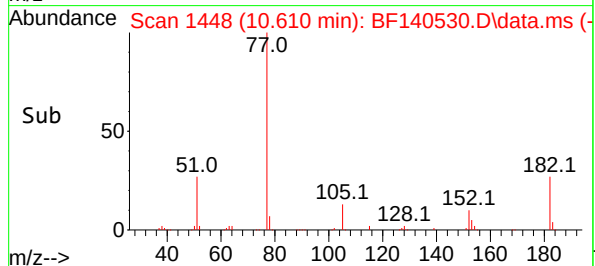
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 141049
Ion Ratio Lower Upper
77 100
182 25.6 5.3 45.3
105 19.6 0.3 40.3
51 28.0 9.4 49.4

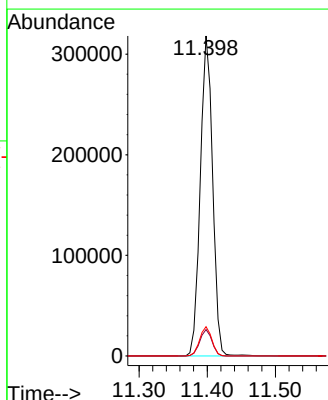
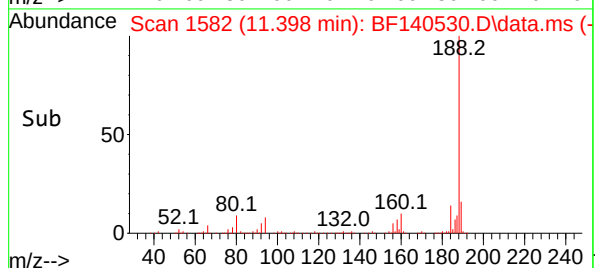
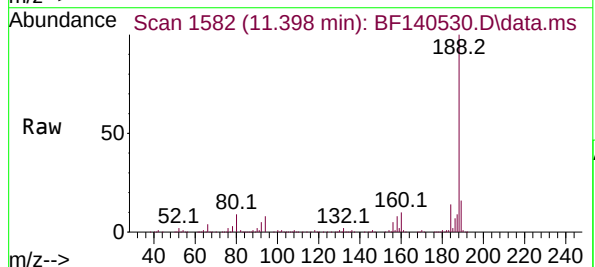
Manual Integrations
APPROVED

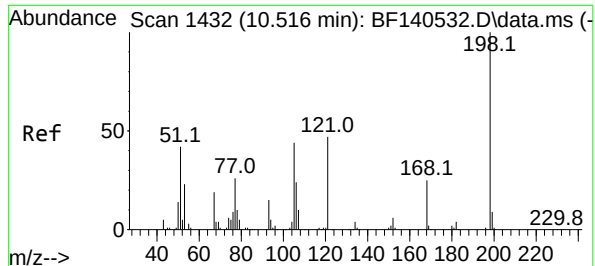
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:188 Resp: 399362
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.1 6.9 10.3





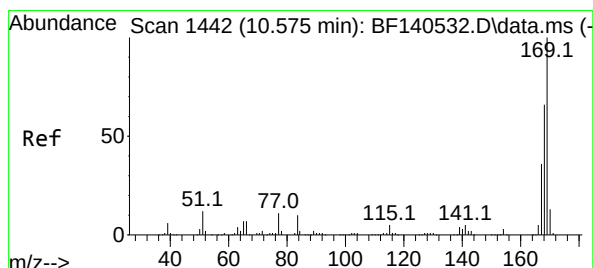
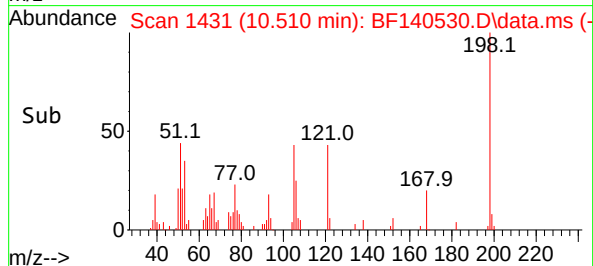
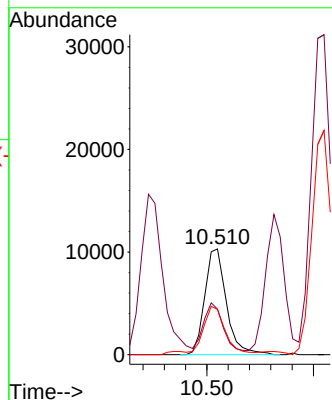
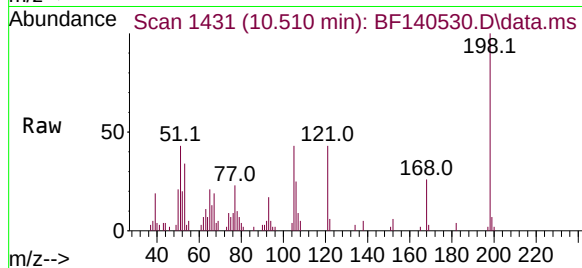
#65
4,6-Dinitro-2-methylphenol
Concen: 7.140 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 14572
Ion Ratio Lower Upper
198 100
51 43.0 29.4 69.4
105 42.8 25.4 65.4

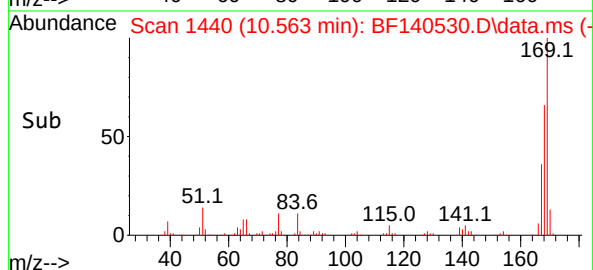
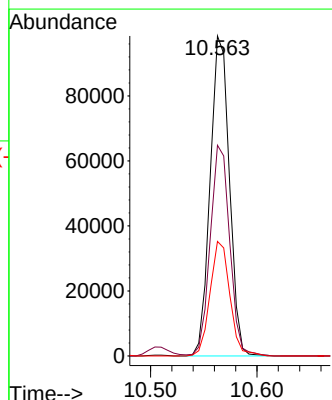
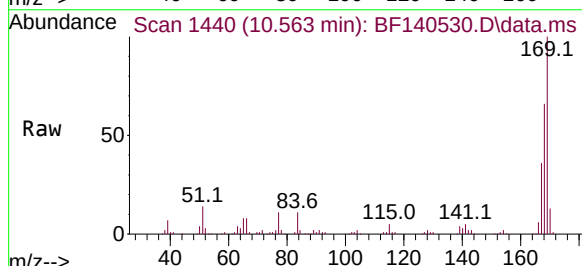
Manual Integrations
APPROVED

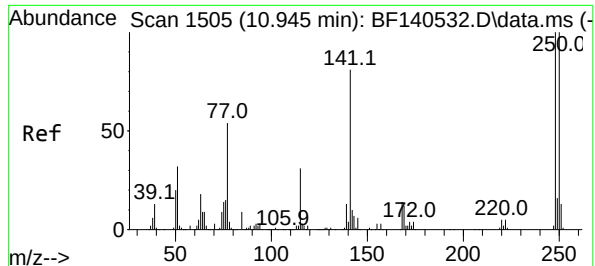
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 10.447 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:169 Resp: 123384
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 10.444 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

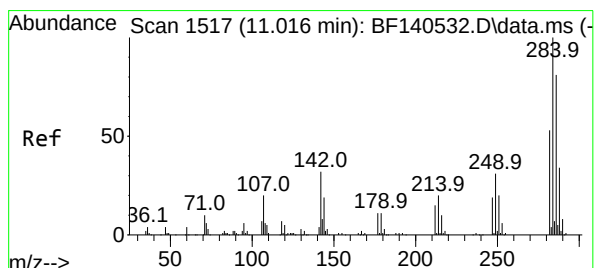
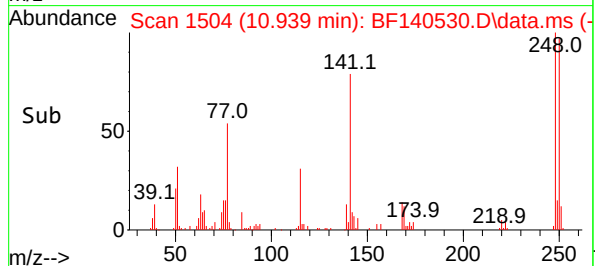
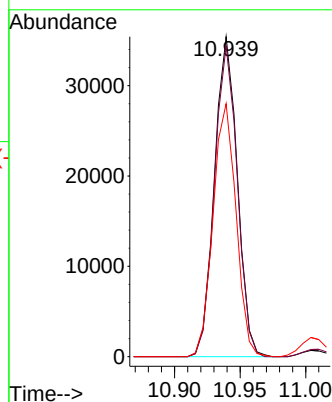
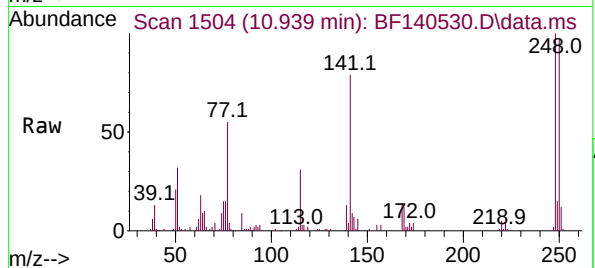
SSTDICC010

Tgt Ion:248 Resp: 42958
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 79.1 64.7 97.1

Manual Integrations

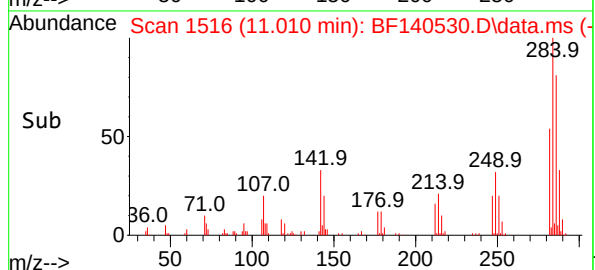
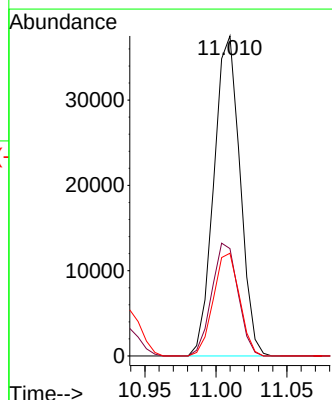
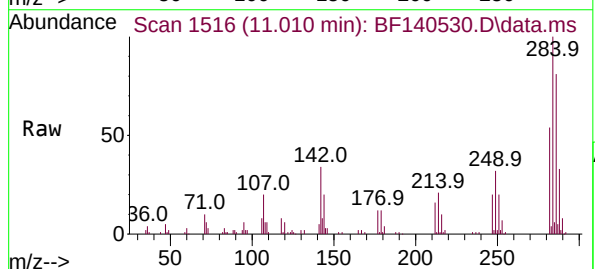
APPROVED

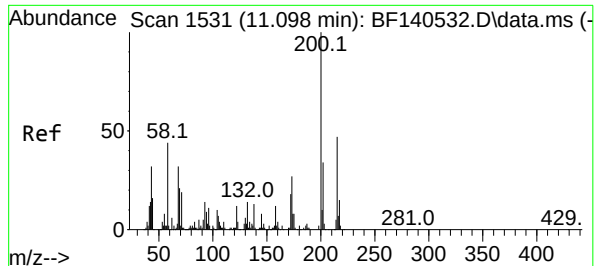
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 10.078 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:284 Resp: 47993
Ion Ratio Lower Upper
284 100
142 33.6 25.3 37.9
249 32.1 24.8 37.2





#69

Atrazine

Concen: 10.292 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

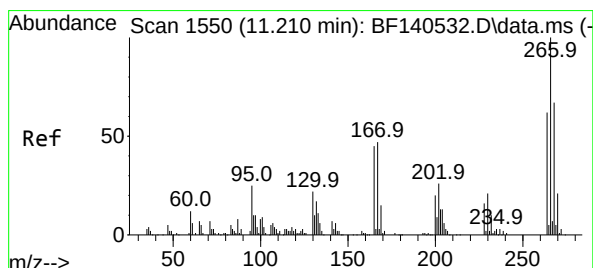
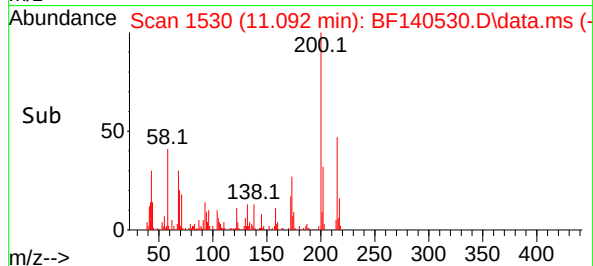
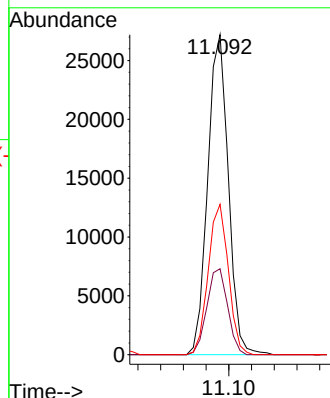
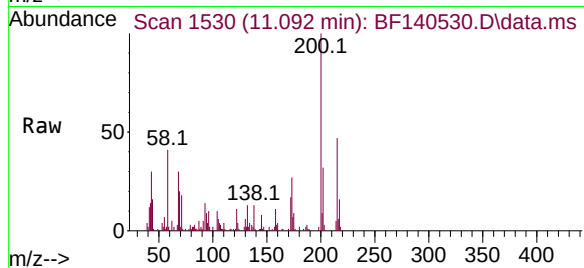
Tgt Ion	200	Resp	3419
Ion Ratio	Lower	Upper	
200	100		
173	26.8	7.0	47.0
215	47.0	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 6.732 ng

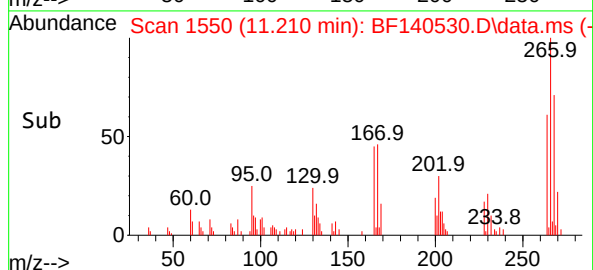
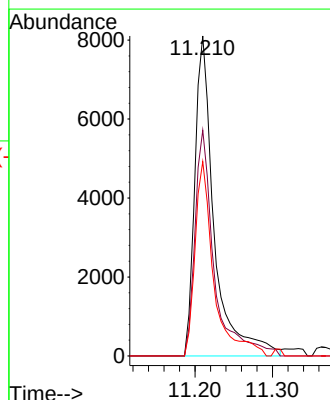
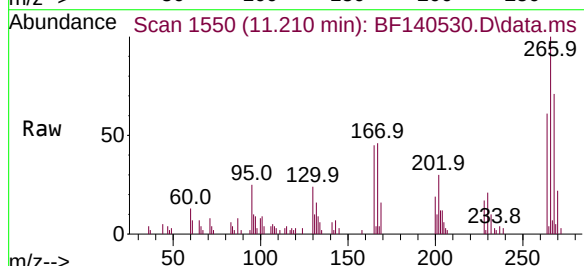
RT: 11.210 min Scan# 1550

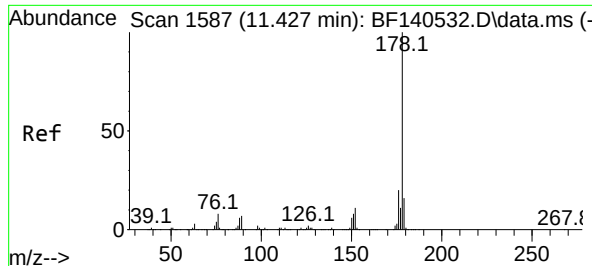
Delta R.T. -0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion	266	Resp	14110
Ion Ratio	Lower	Upper	
266	100		
268	70.5	53.7	80.5
264	60.7	49.8	74.8





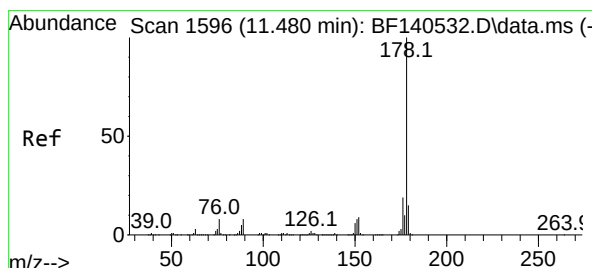
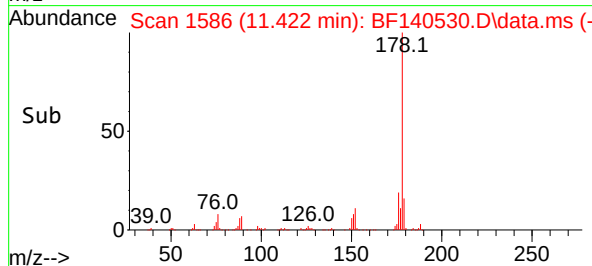
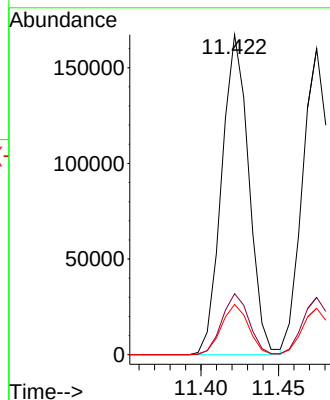
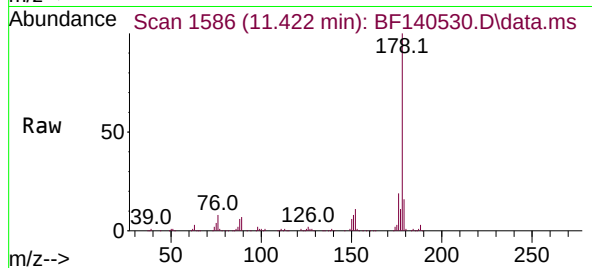
#71
Phenanthrene
Concen: 10.606 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 203602
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.7 12.4 18.6

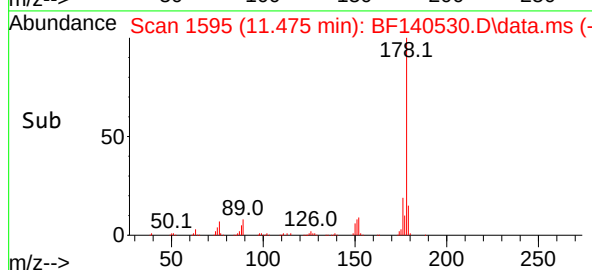
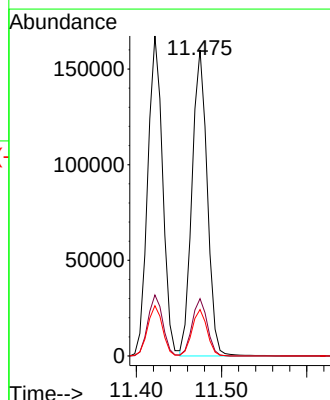
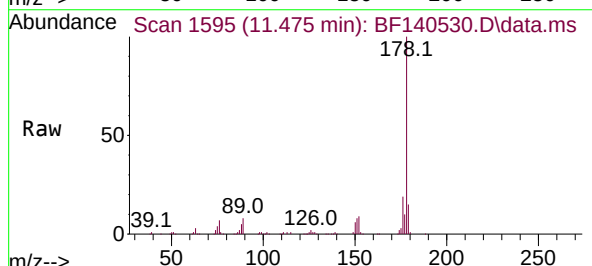
Manual Integrations
APPROVED

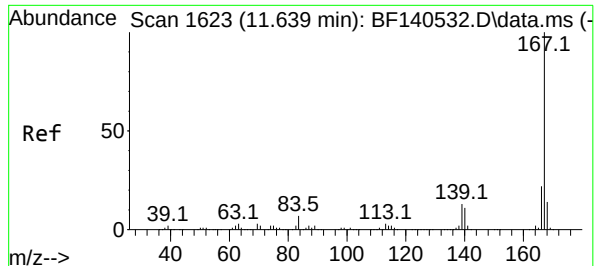
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 10.567 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

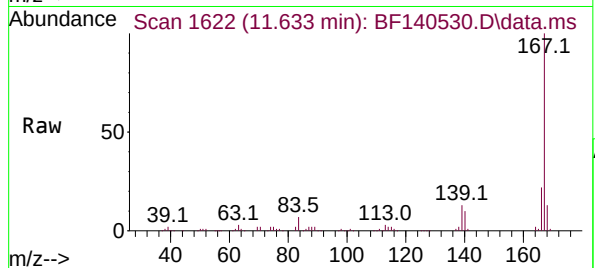
Tgt Ion:178 Resp: 198430
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.1 12.2 18.4





#73
Carbazole
Concen: 10.495 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

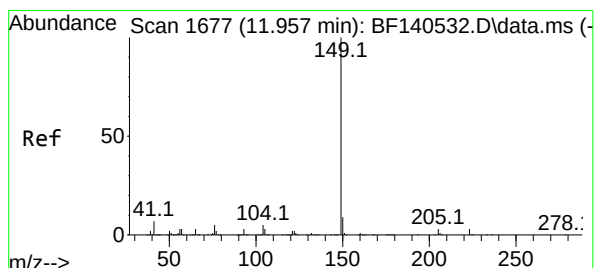
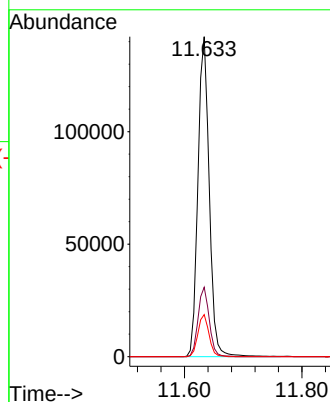
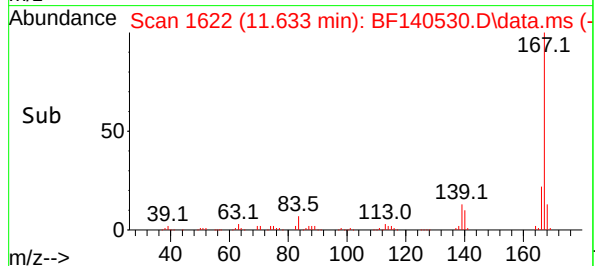
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



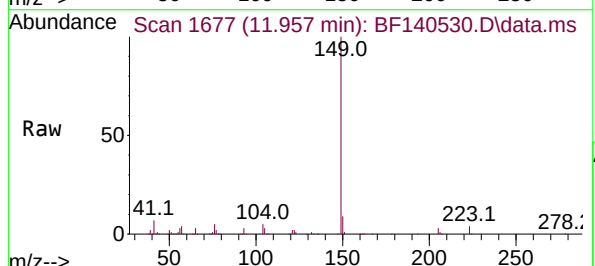
Tgt Ion:167 Resp: 189597
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.2 10.6 15.8

Manual Integrations
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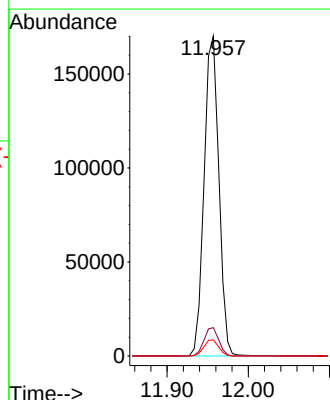
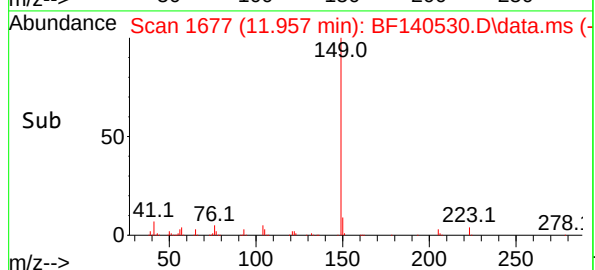
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

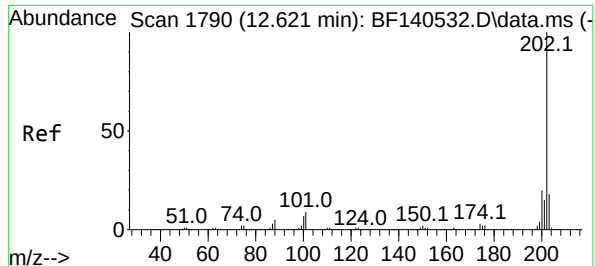


#74
Di-n-butylphthalate
Concen: 10.288 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



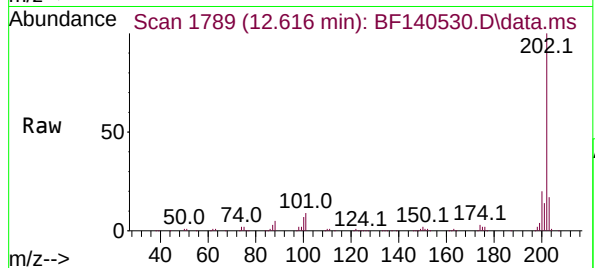
Tgt Ion:149 Resp: 214564
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 10.640 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

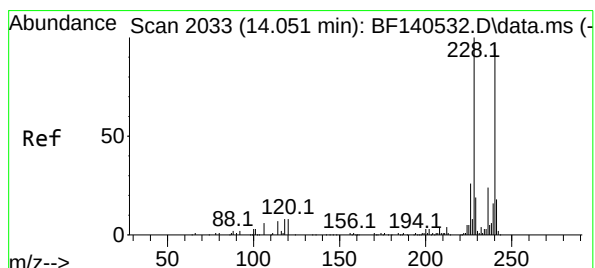
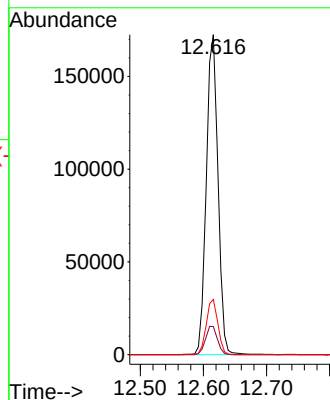
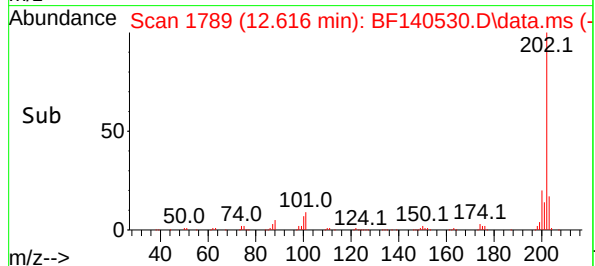
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 22177
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.9
203 17.3 0.0 37.6

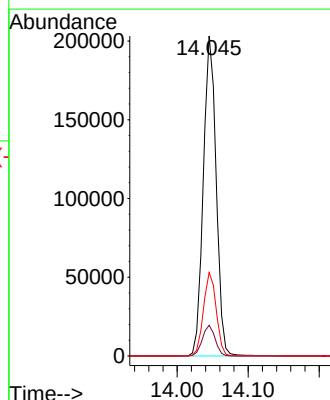
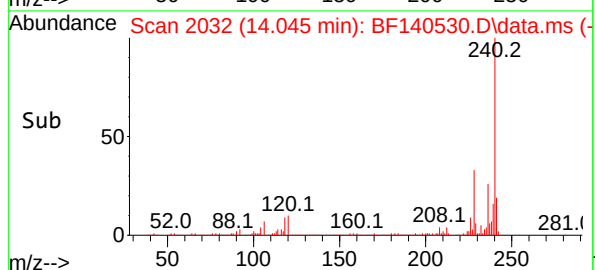
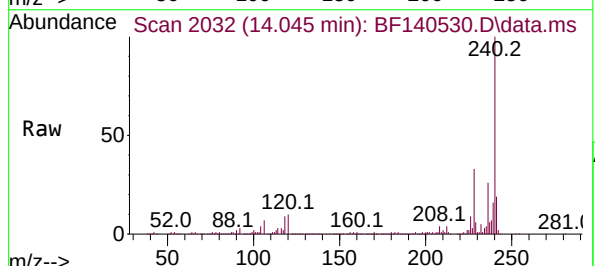
Manual Integrations
APPROVED

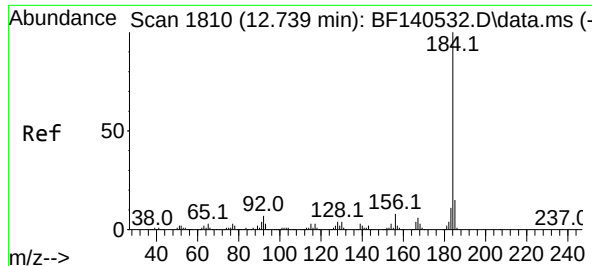
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

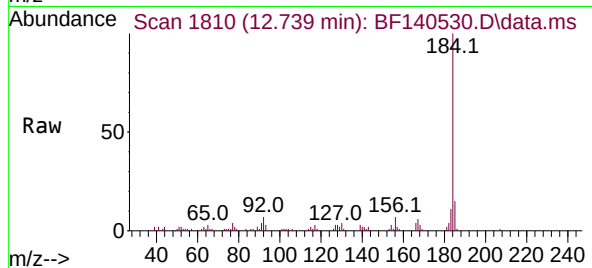
Tgt Ion:240 Resp: 256196
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.1 20.6 31.0





#77
Benzidine
Concen: 7.252 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

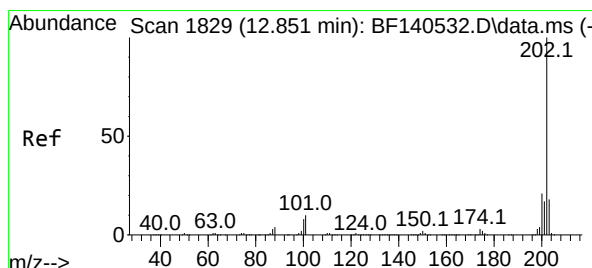
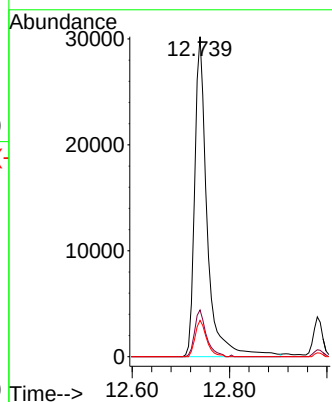
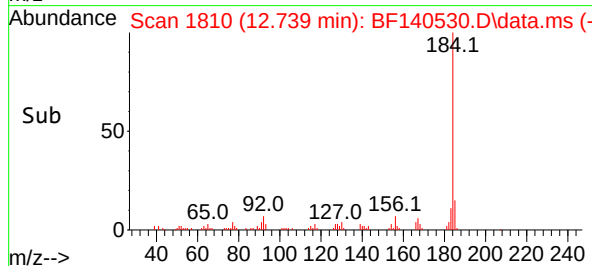
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 5402
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.4 8.8 13.2

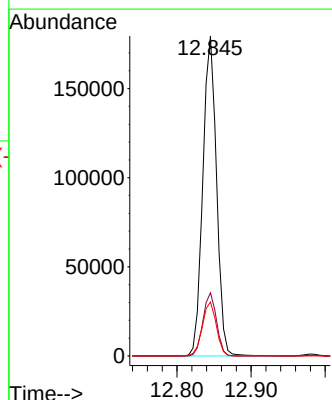
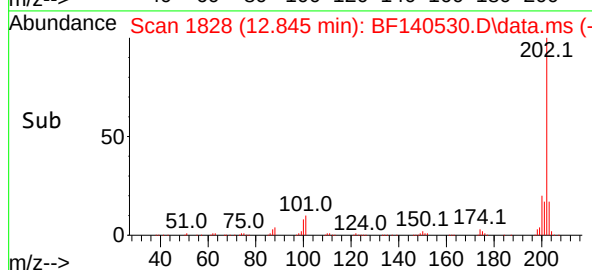
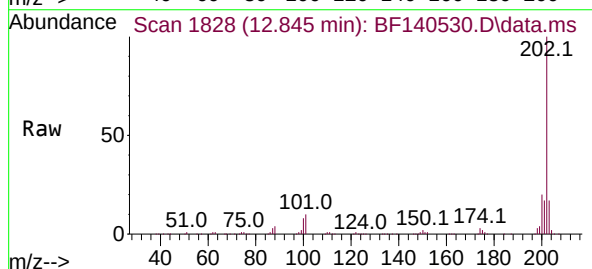
Manual Integrations
APPROVED

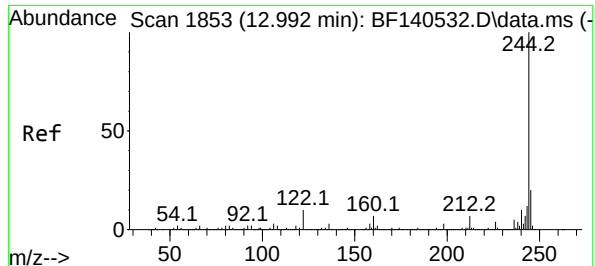
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 9.741 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

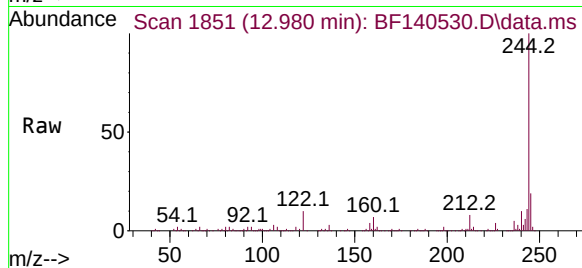
Tgt Ion:202 Resp: 230747
Ion Ratio Lower Upper
202 100
200 19.7 16.5 24.7
203 16.9 14.2 21.4





#79
Terphenyl-d14
Concen: 19.532 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

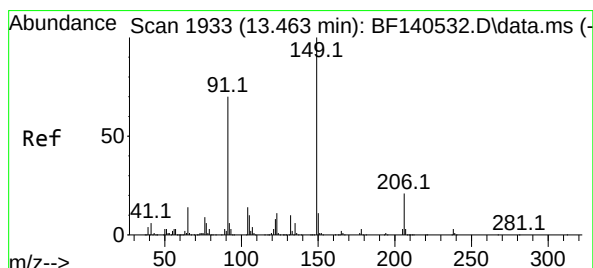
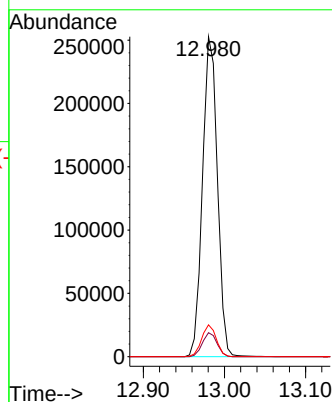
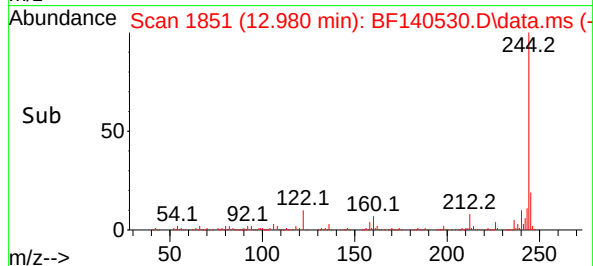
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 321362
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.0 8.0 12.0

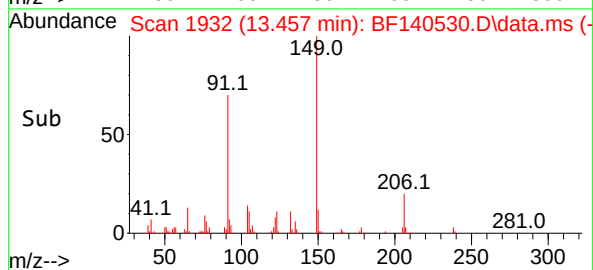
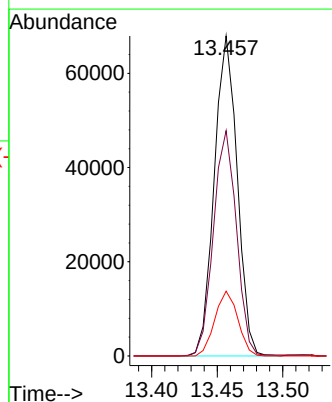
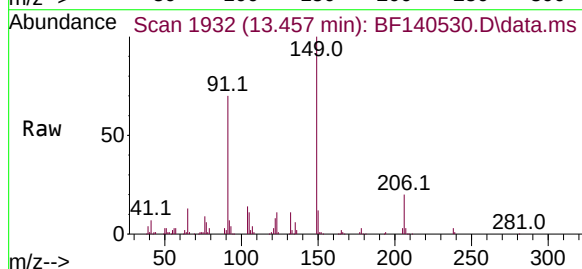
Manual Integrations
APPROVED

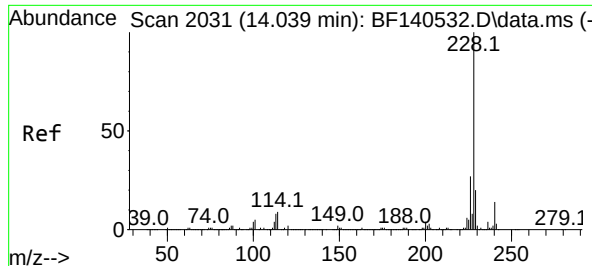
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#80
Butylbenzylphthalate
Concen: 9.674 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

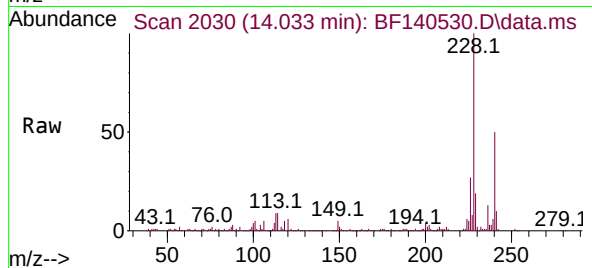
Tgt Ion:149 Resp: 82557
Ion Ratio Lower Upper
149 100
91 70.4 56.2 84.2
206 20.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 9.964 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

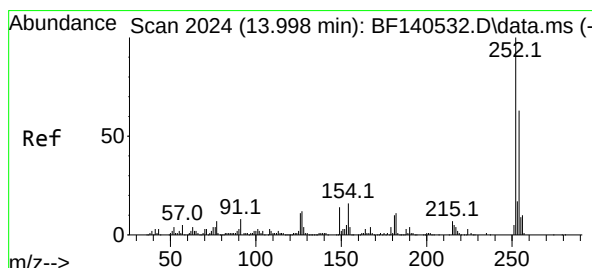
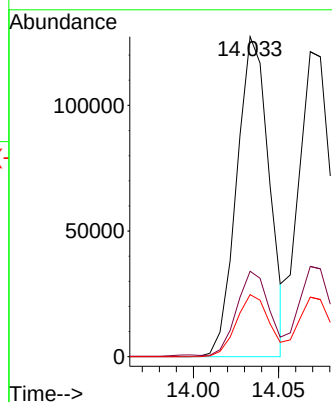
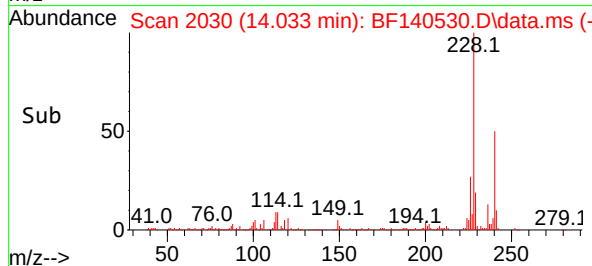
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



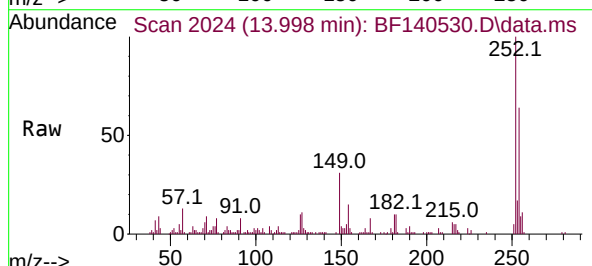
Tgt Ion:228 Resp: 168988
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.4 15.8 23.6

Manual Integrations
APPROVED

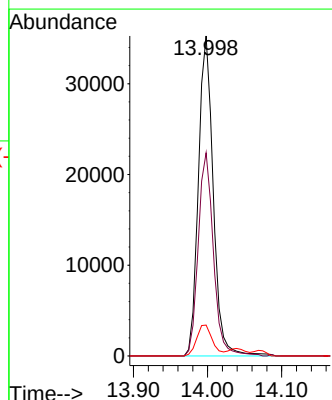
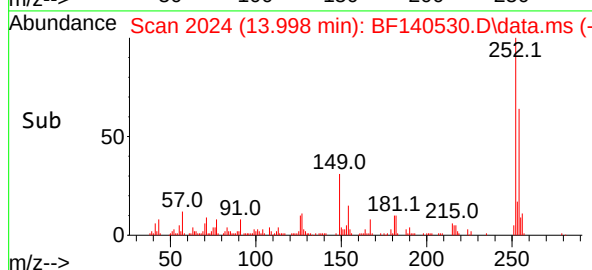
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

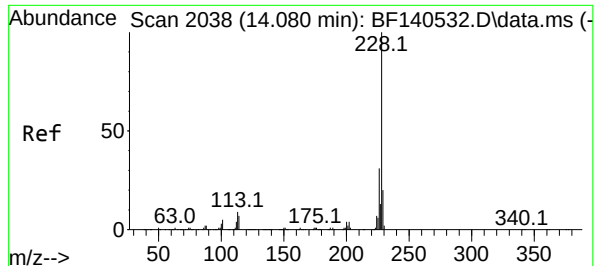


#82
3,3'-Dichlorobenzidine
Concen: 9.634 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



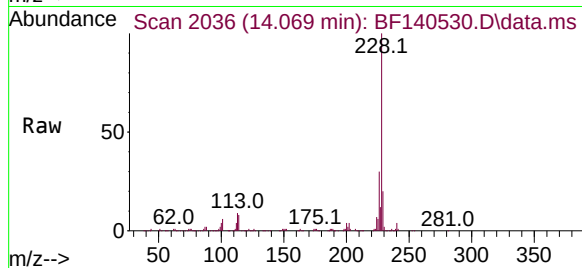
Tgt Ion:252 Resp: 49053
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 9.6 8.6 13.0





#83
Chrysene
Concen: 10.435 ng
RT: 14.069 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

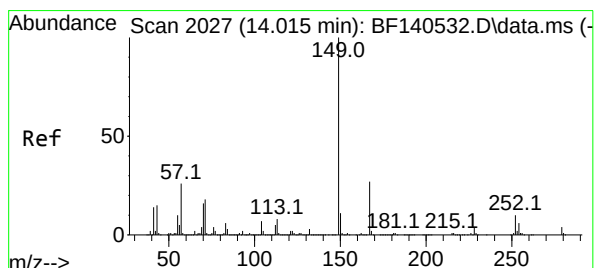
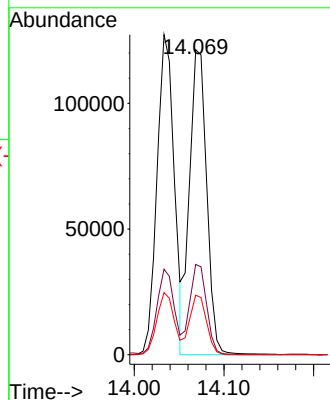
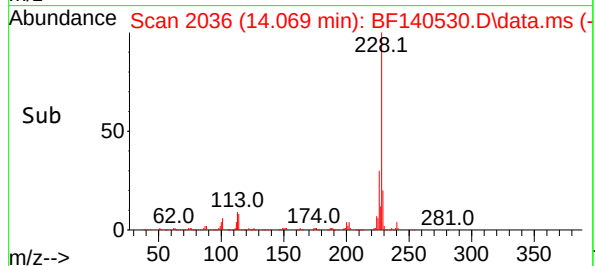
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 16181
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 19.5 15.8 23.6

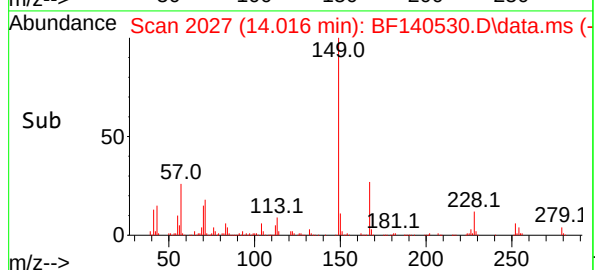
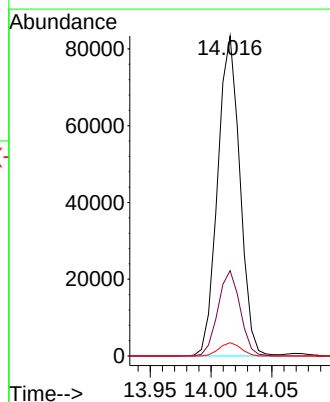
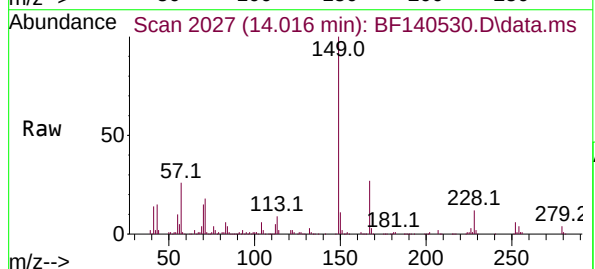
Manual Integrations
APPROVED

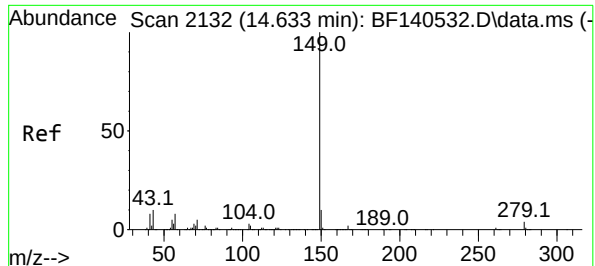
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.846 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

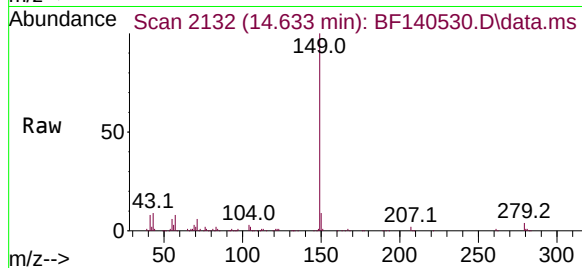
Tgt Ion:149 Resp: 106093
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 9.852 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

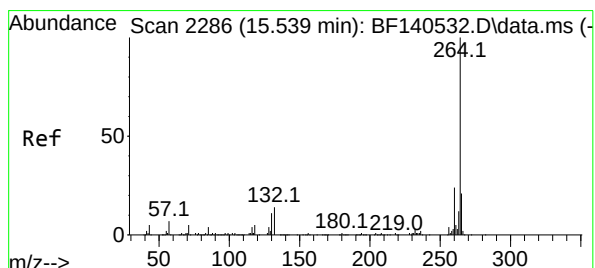
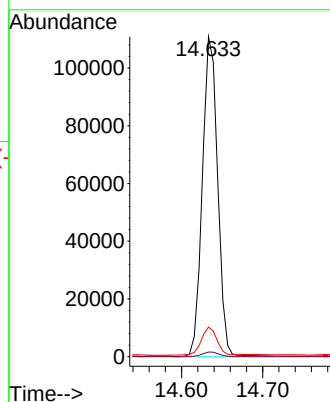
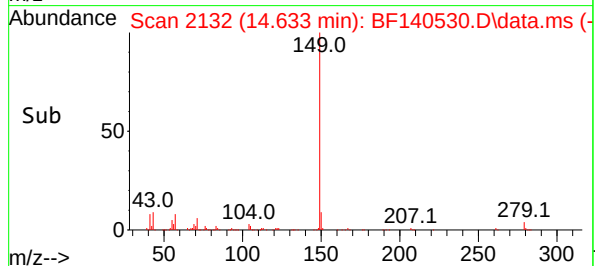
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 145085
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.7 11.5

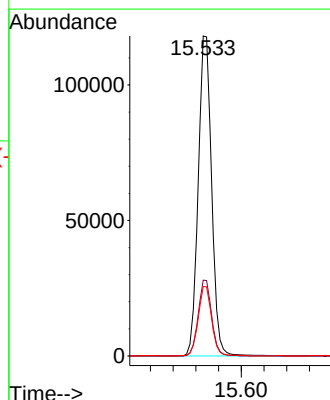
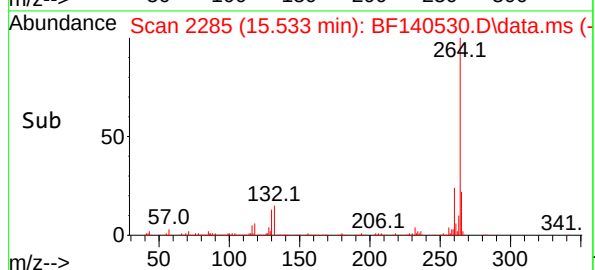
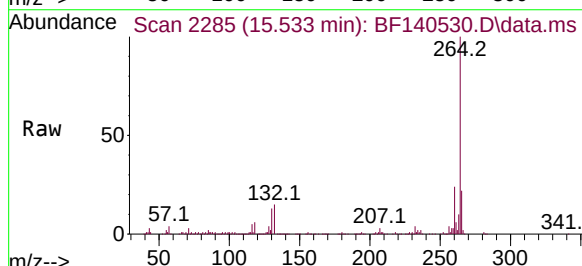
Manual Integrations
APPROVED

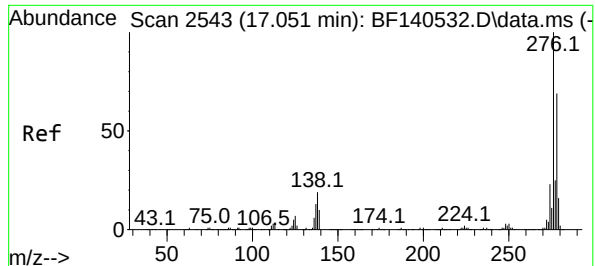
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:264 Resp: 194024
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.7 16.6 25.0





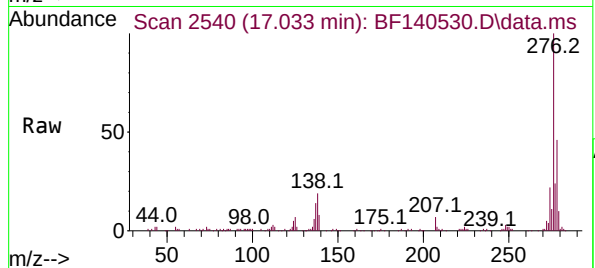
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.843 ng
RT: 17.033 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

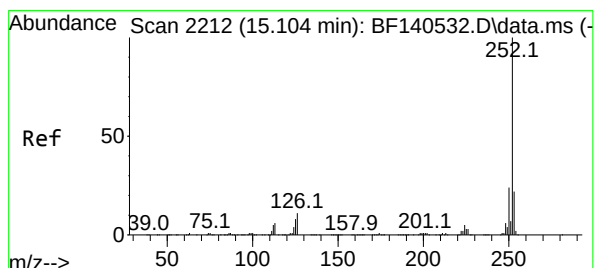
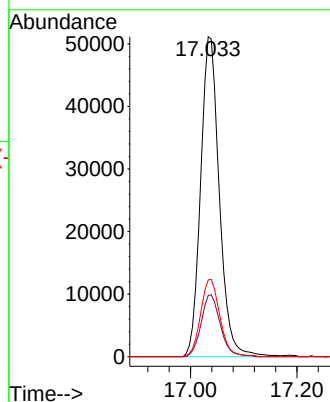
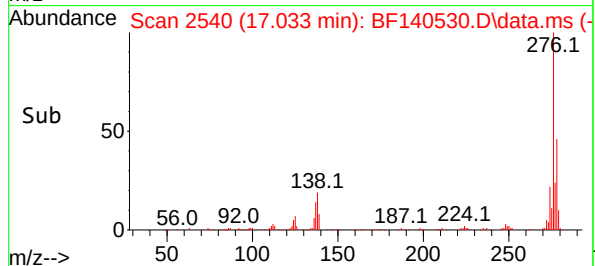


Tgt Ion:276 Resp: 124458
Ion Ratio Lower Upper
276 100
138 19.8 15.5 23.3
277 25.0 20.1 30.1

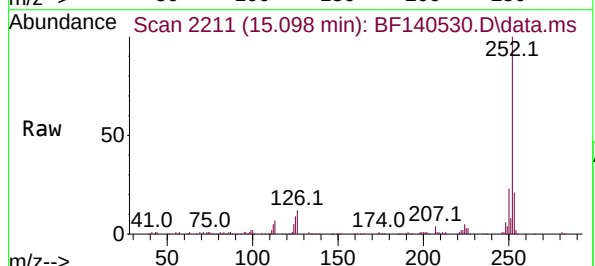
Manual Integrations

APPROVED

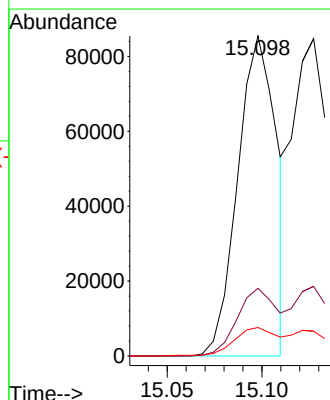
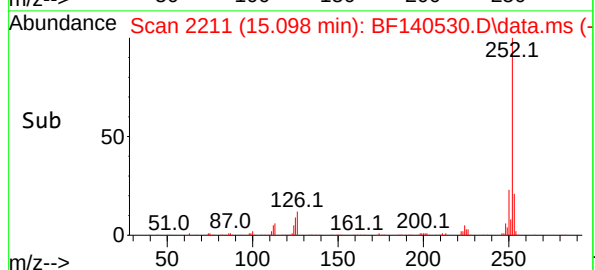
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

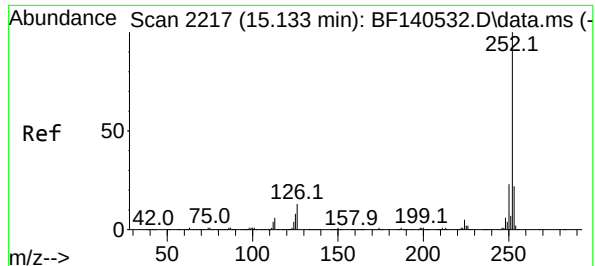


#88
Benzo(b)fluoranthene
Concen: 10.001 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05



Tgt Ion:252 Resp: 121884
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 11.241 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 119878

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

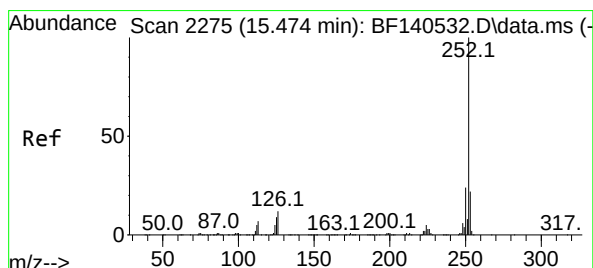
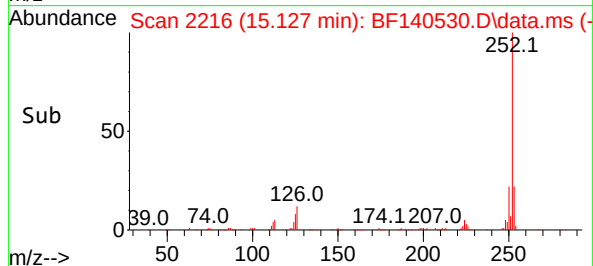
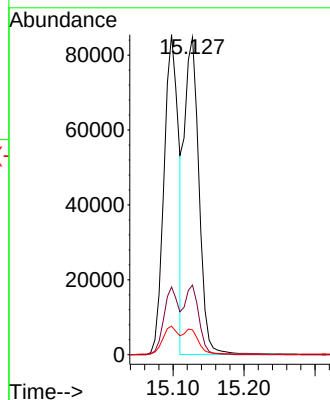
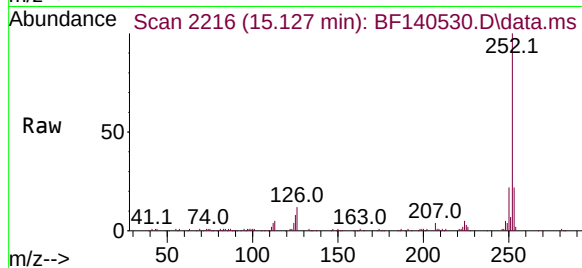
125 7.8 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 10.276 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

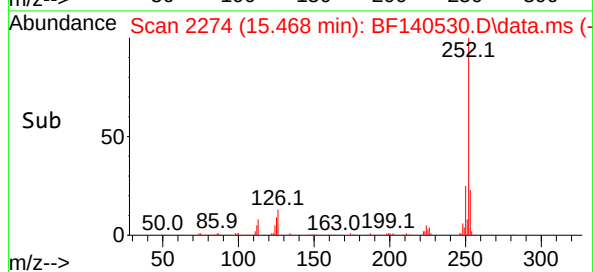
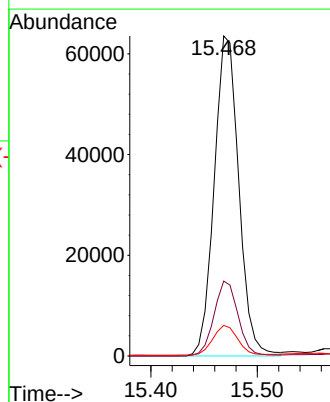
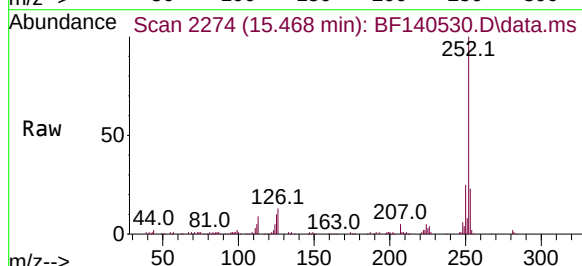
Tgt Ion:252 Resp: 101824

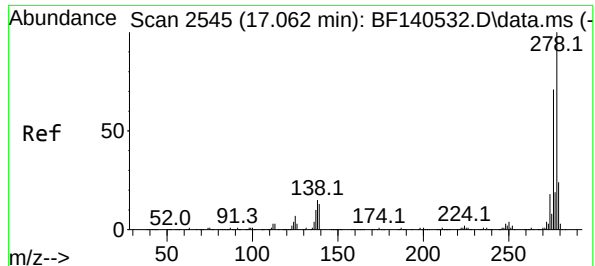
Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 9.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 9.720 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:278 Resp: 100650

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

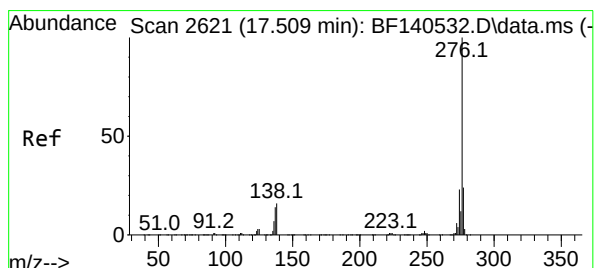
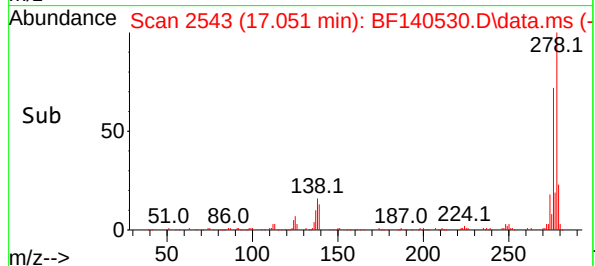
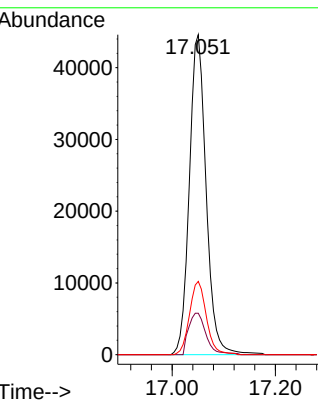
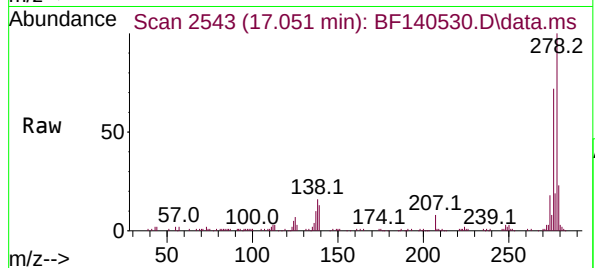
279 22.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#92

Benzo(g,h,i)perylene

Concen: 10.010 ng

RT: 17.492 min Scan# 2618

Delta R.T. -0.018 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

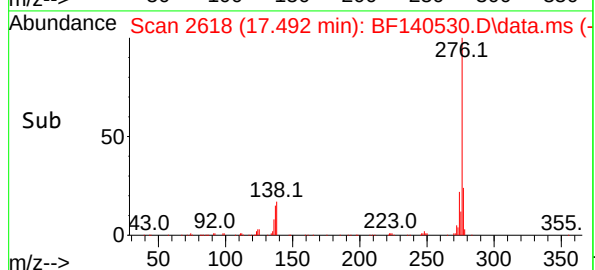
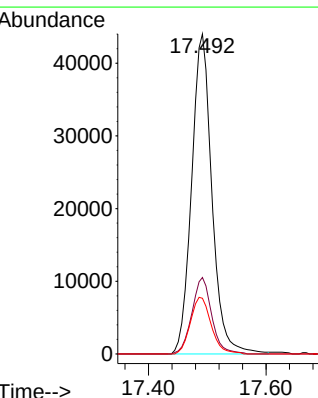
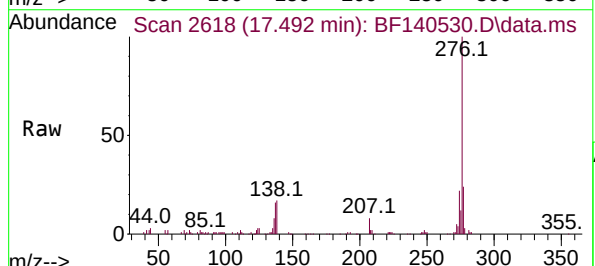
Tgt Ion:276 Resp: 105771

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 17.4 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140531.D
 Acq On : 21 Nov 2024 12:32
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:11:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	99570	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364692	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	198805	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	382041	20.000	ng	0.00
76) Chrysene-d12	14.051	240	225903	20.000	ng	0.00
86) Perylene-d12	15.533	264	173612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	239365	41.017	ng	0.00
7) Phenol-d6	6.510	99	310375	40.230	ng	0.00
23) Nitrobenzene-d5	7.434	82	288201	40.422	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	87426	41.118	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	565607	42.389	ng	0.00
79) Terphenyl-d14	12.986	244	590771	40.721	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	57318	23.361	ng	98
3) Pyridine	3.422	79	111651	20.682	ng	98
4) n-Nitrosodimethylamine	3.357	42	65851	20.754	ng	95
6) Aniline	6.534	93	112828	20.778	ng	88
8) 2-Chlorophenol	6.663	128	127220	20.263	ng	96
9) Benzaldehyde	6.422	77	96584	23.648	ng	97
10) Phenol	6.522	94	161262	20.467	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	120837	20.042	ng	100
12) 1,3-Dichlorobenzene	6.816	146	142704	20.228	ng	99
13) 1,4-Dichlorobenzene	6.893	146	144955	20.293	ng	100
14) 1,2-Dichlorobenzene	7.045	146	136939	20.459	ng	99
15) Benzyl Alcohol	7.010	79	115602	20.205	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	142742	20.040	ng	81
17) 2-Methylphenol	7.128	107	102895	20.473	ng	94
18) Hexachloroethane	7.381	117	54624	20.475	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	91173	19.996	ng	97
20) 3+4-Methylphenols	7.281	107	129954	20.117	ng	94
22) Acetophenone	7.281	105	180222	20.270	ng	100
24) Nitrobenzene	7.451	77	148986	20.218	ng	100
25) Isophorone	7.687	82	239713	20.158	ng	98
26) 2-Nitrophenol	7.769	139	67593	20.699	ng	100
27) 2,4-Dimethylphenol	7.804	122	77504	19.836	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	146899	20.277	ng	100
29) 2,4-Dichlorophenol	8.016	162	105906	20.456	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	120949	20.461	ng	100
31) Naphthalene	8.175	128	387236	20.614	ng	99
32) Benzoic acid	7.904	122	45935	18.678	ng	99
33) 4-Chloroaniline	8.222	127	112719	20.042	ng	100
34) Hexachlorobutadiene	8.287	225	79980	20.427	ng	99
35) Caprolactam	8.581	113	33020	20.609	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	115782	19.974	ng	98
37) 2-Methylnaphthalene	8.863	142	243949	20.446	ng	99
38) 1-Methylnaphthalene	8.963	142	240502	20.564	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	120444	20.695	ng	100
41) Hexachlorocyclopentadiene	9.016	237	17909	19.734	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	74538	20.410	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140531.D
 Acq On : 21 Nov 2024 12:32
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:11:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 14:50:10 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	81588	20.585	ng	98
46) 1,1'-Biphenyl	9.328	154	310749	20.936	ng	100
47) 2-Chloronaphthalene	9.357	162	231066	20.545	ng	99
48) 2-Nitroaniline	9.451	65	75343	20.871	ng	99
49) Acenaphthylene	9.769	152	359483	21.155	ng	100
50) Dimethylphthalate	9.628	163	267629	20.440	ng	99
51) 2,6-Dinitrotoluene	9.692	165	61076	20.568	ng	97
52) Acenaphthene	9.945	154	225540m	20.497	ng	
53) 3-Nitroaniline	9.863	138	61362	21.128	ng	96
54) 2,4-Dinitrophenol	9.975	184	17628	18.164	ng	98
55) Dibenzofuran	10.116	168	345729	20.992	ng	100
56) 4-Nitrophenol	10.034	139	38787	19.582	ng	97
57) 2,4-Dinitrotoluene	10.098	165	82706	20.957	ng	96
58) Fluorene	10.457	166	278115	21.038	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	61142	20.072	ng	98
60) Diethylphthalate	10.328	149	276859	20.812	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	136189	20.992	ng	98
62) 4-Nitroaniline	10.475	138	62610	20.555	ng	99
63) Azobenzene	10.610	77	262444	20.833	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	34412	17.627	ng	97
66) n-Nitrosodiphenylamine	10.569	169	228075	20.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	78863	20.044	ng	98
68) Hexachlorobenzene	11.010	284	91363	20.055	ng	97
69) Atrazine	11.092	200	50070	15.754	ng	99
70) Pentachlorophenol	11.210	266	34309	17.111	ng	97
71) Phenanthrene	11.428	178	370424	20.171	ng	99
72) Anthracene	11.475	178	366152	20.383	ng	100
73) Carbazole	11.633	167	355423	20.567	ng	99
74) Di-n-butylphthalate	11.957	149	410317	20.566	ng	99
75) Fluoranthene	12.616	202	425403	21.335	ng	99
77) Benzidine	12.739	184	66895	10.185	ng	99
78) Pyrene	12.845	202	428479	20.514	ng	99
80) Butylbenzylphthalate	13.457	149	156775	20.835	ng	96
81) Benzo(a)anthracene	14.039	228	311416	20.825	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	88858	19.791	ng	98
83) Chrysene	14.074	228	275068	20.117	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	194626	20.484	ng	100
85) Di-n-octyl phthalate	14.633	149	259088	19.953	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	225489	19.930	ng	100
88) Benzo(b)fluoranthene	15.098	252	239653	21.977	ng	99
89) Benzo(k)fluoranthene	15.127	252	183799	19.261	ng	99
90) Benzo(a)pyrene	15.474	252	184528	20.812	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	184632	19.926	ng	99
92) Benzo(g,h,i)perylene	17.492	276	187164	19.795	ng	98

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

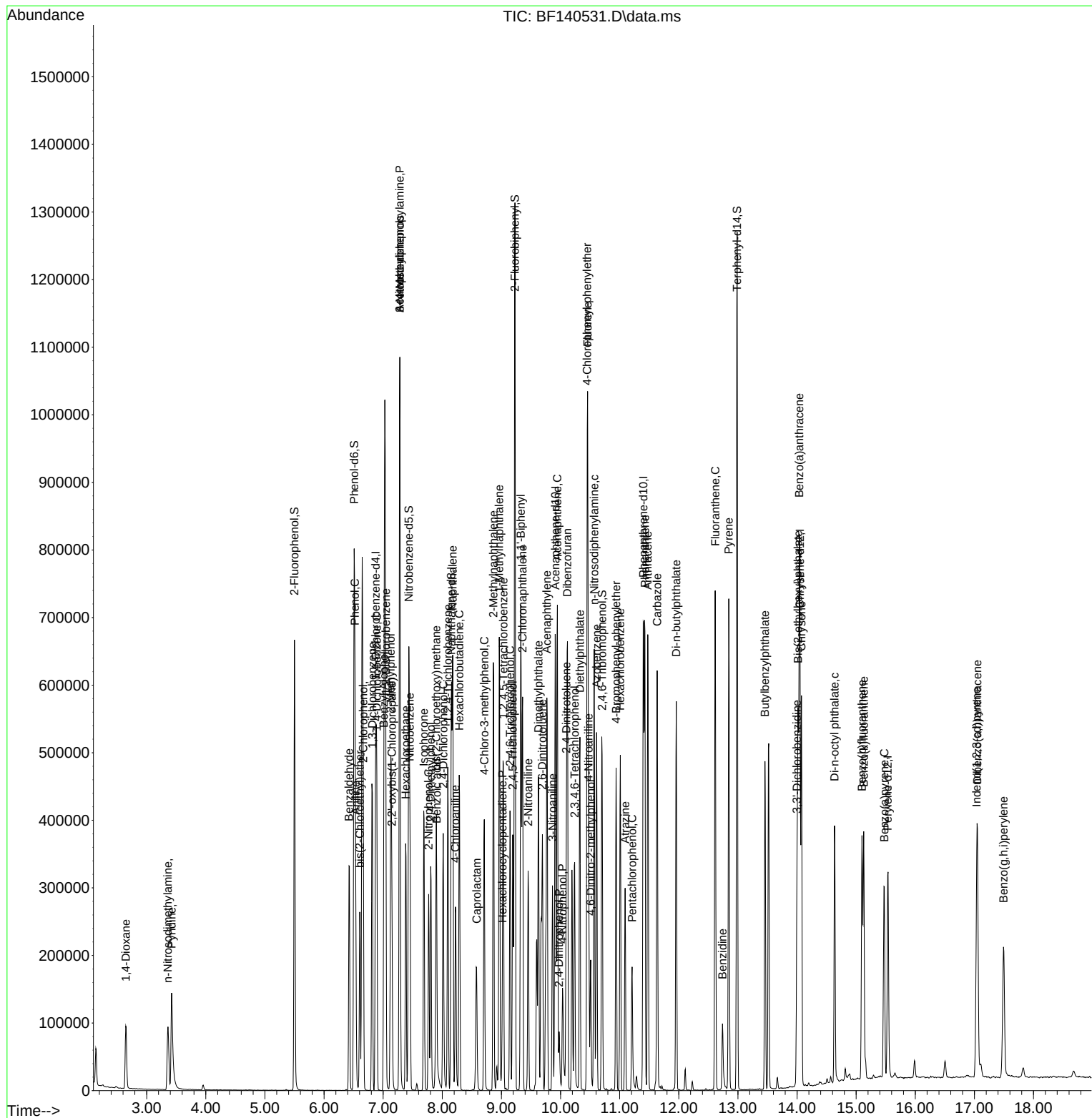
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140531.D
Acq On : 21 Nov 2024 12:32
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

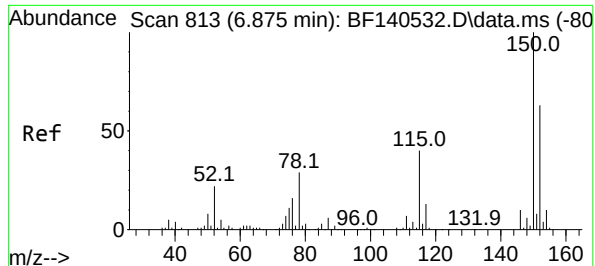
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

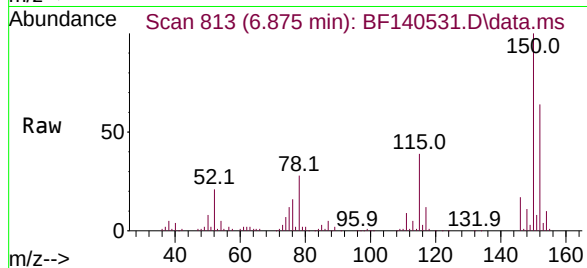
Quant Time: Nov 21 15:11:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

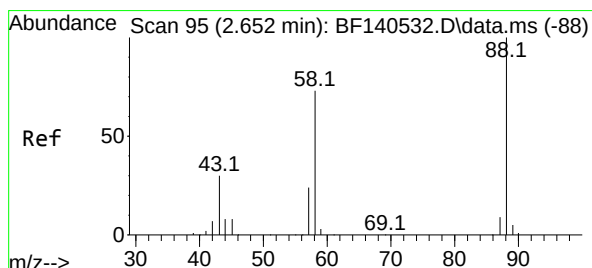
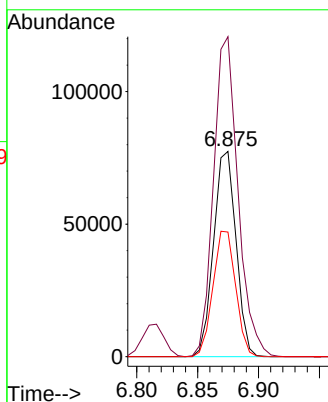
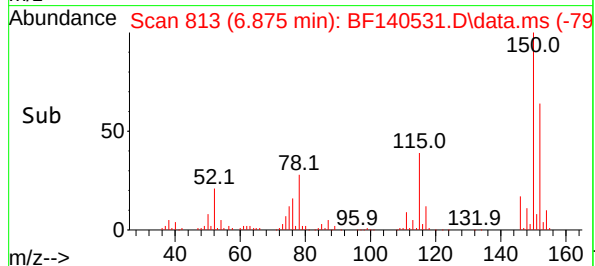
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 99570
Ion Ratio Lower Upper
152 100
150 155.8 128.5 192.7
115 60.7 50.2 75.4

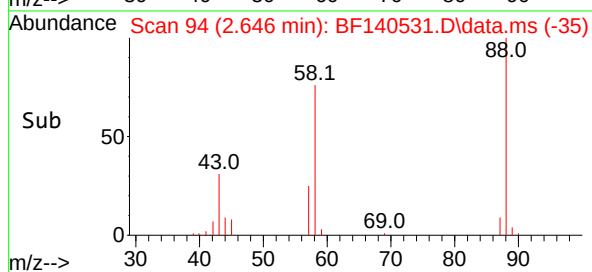
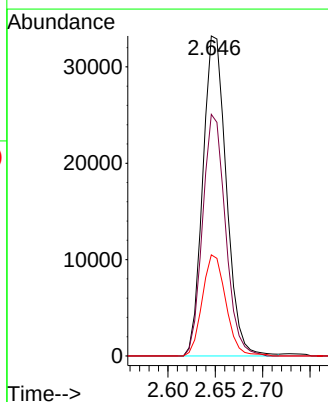
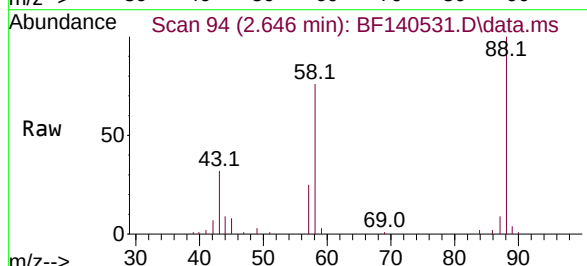
Manual Integrations
APPROVED

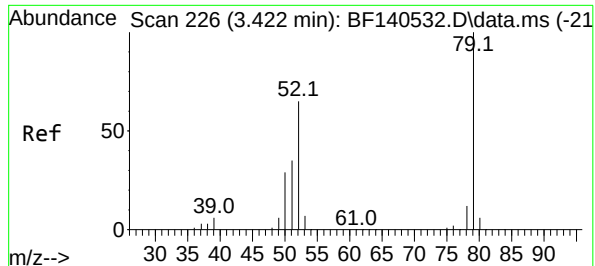
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 23.361 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 88 Resp: 57318
Ion Ratio Lower Upper
88 100
58 73.3 57.4 86.2
43 31.6 24.3 36.5





#3

Pyridine

Concen: 20.682 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 11165

Ion Ratio Lower Upper

79 100

52 66.7 52.1 78.1

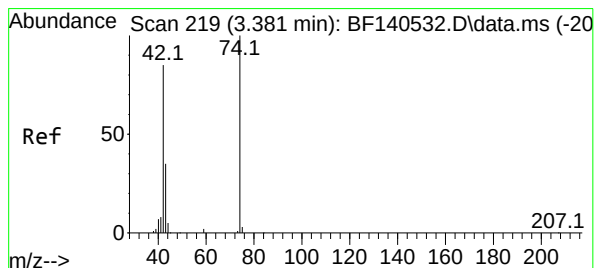
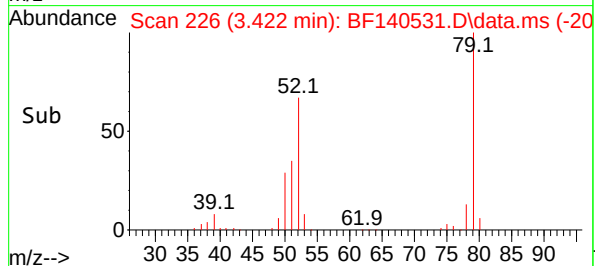
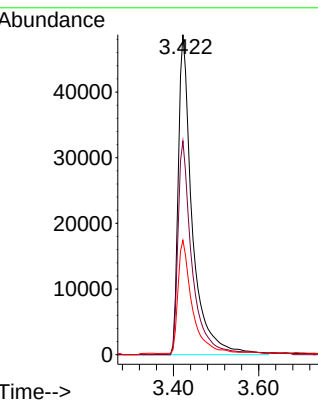
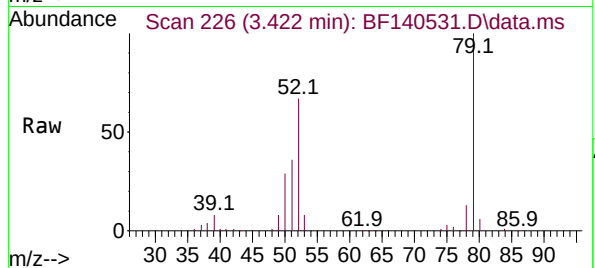
51 35.8 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 20.754 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

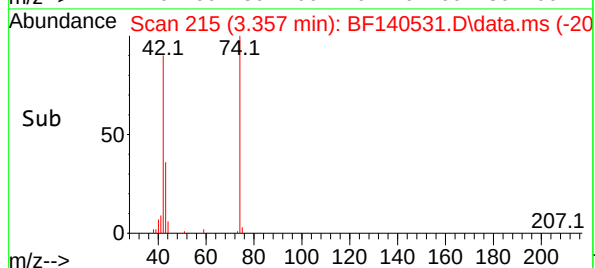
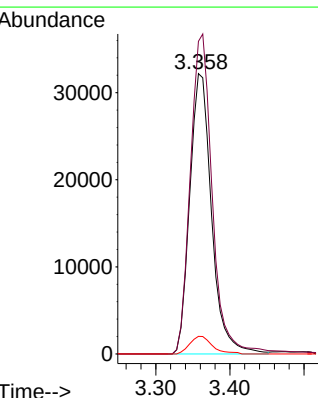
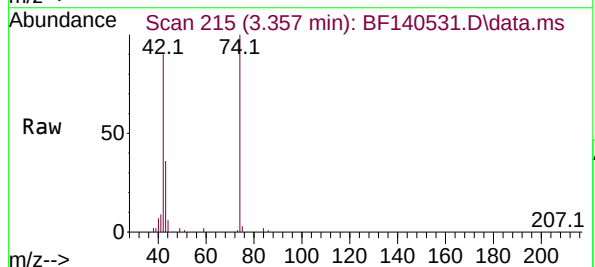
Tgt Ion: 42 Resp: 65851

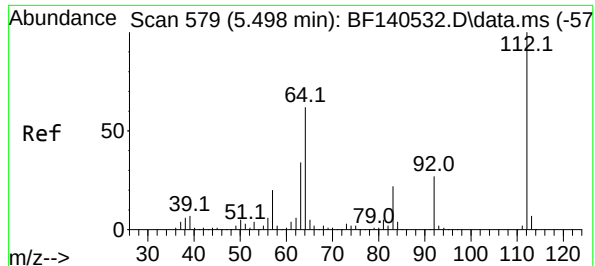
Ion Ratio Lower Upper

42 100

74 111.5 93.8 140.6

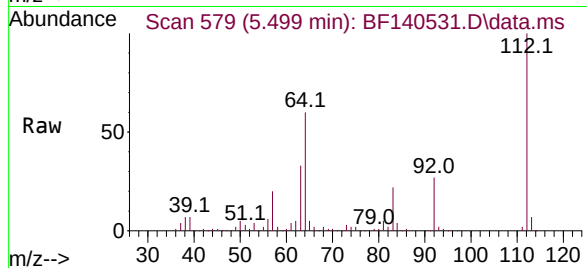
44 6.3 4.6 6.8





#5
2-Fluorophenol
Concen: 41.017 ng
RT: 5.499 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

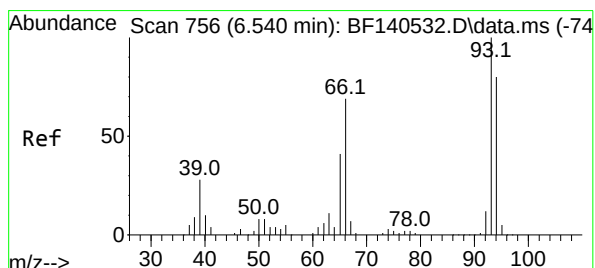
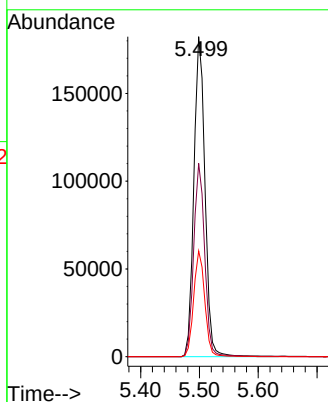
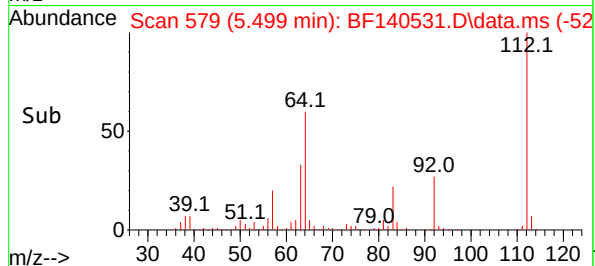
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 23936
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 33.0 27.0 40.4

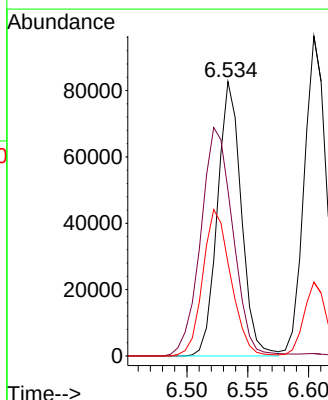
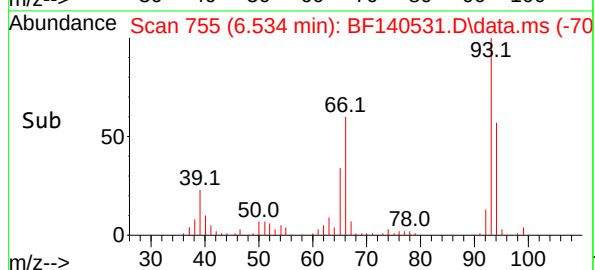
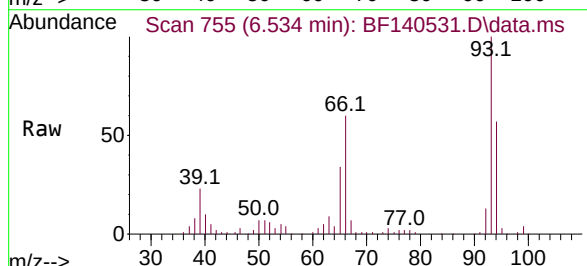
Manual Integrations
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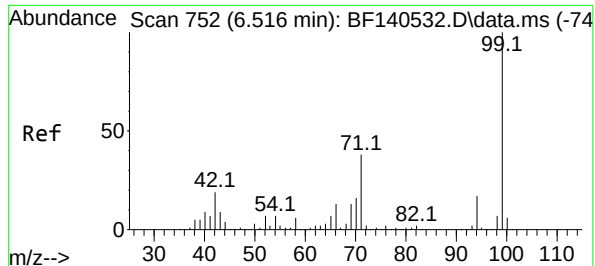
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 20.778 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

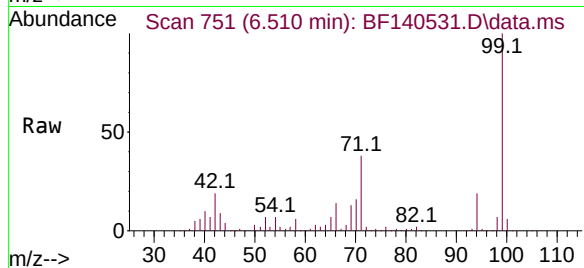
Tgt Ion: 93 Resp: 112828
Ion Ratio Lower Upper
93 100
66 60.4 56.5 84.7
65 34.0 32.9 49.3





#7
Phenol-d6
Concen: 40.230 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

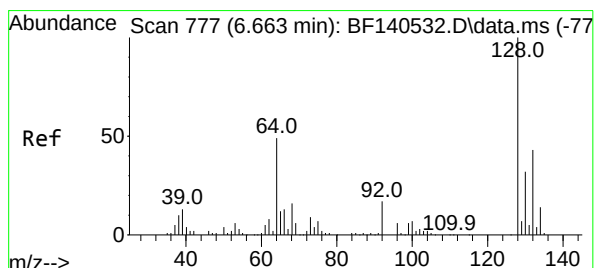
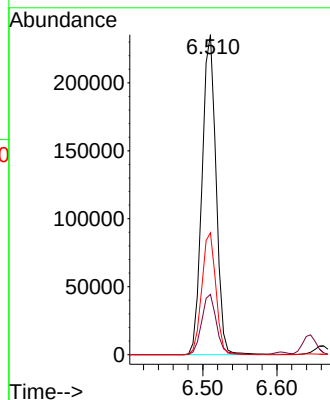
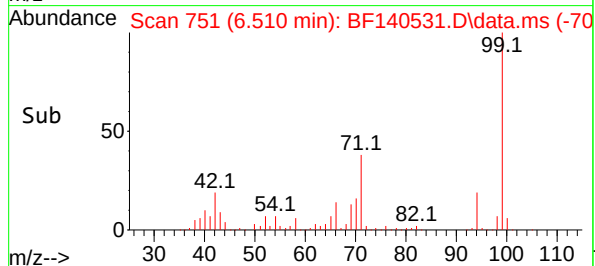
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 310375
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 38.1 30.6 46.0

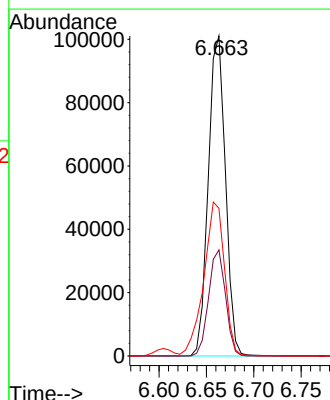
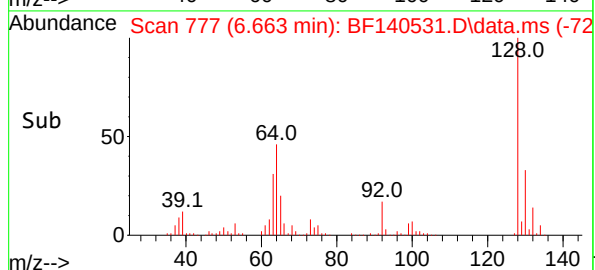
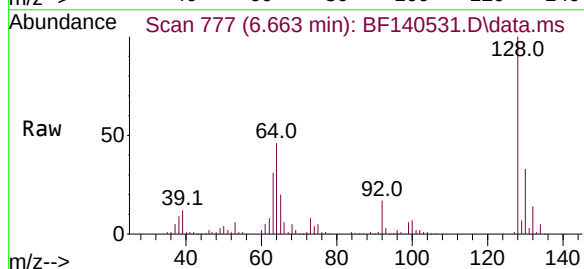
Manual Integrations
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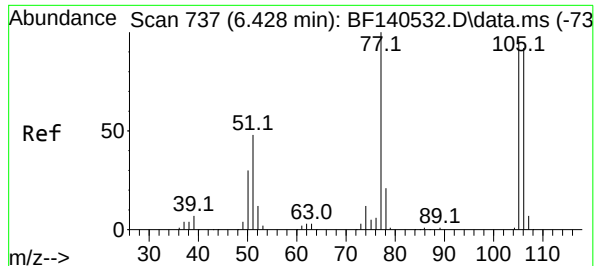
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 20.263 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:128 Resp: 127220
Ion Ratio Lower Upper
128 100
130 33.2 12.3 52.3
64 46.2 30.2 70.2





#9

Benzaldehyde

Concen: 23.648 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

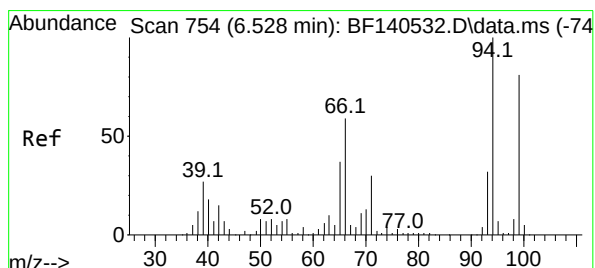
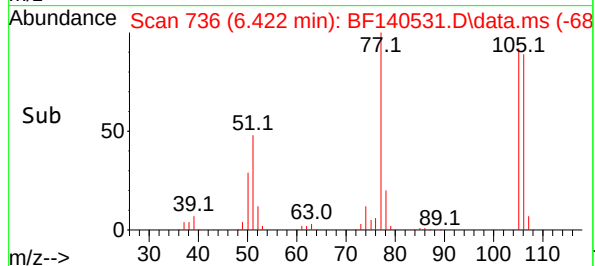
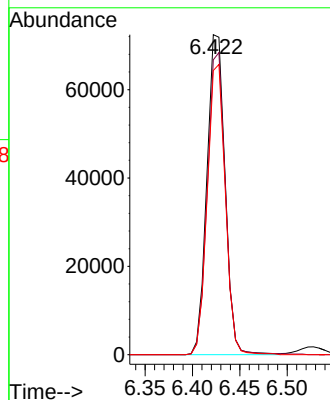
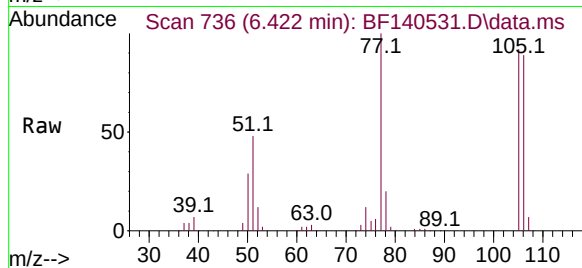
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
77	100		
105	92.1	75.6	115.6
106	88.8	72.0	112.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 20.467 ng

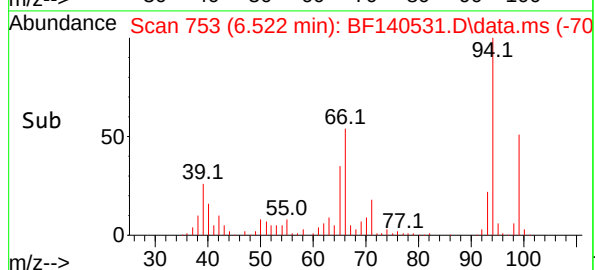
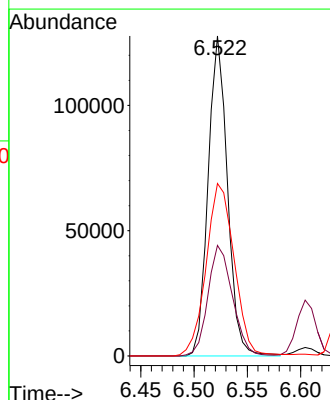
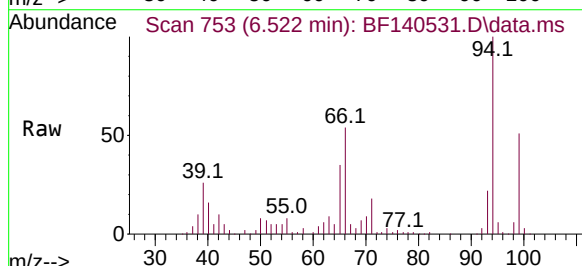
RT: 6.522 min Scan# 753

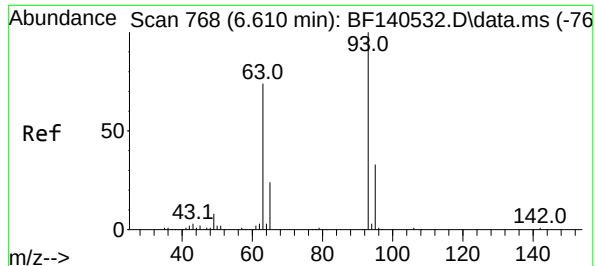
Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	17.2	57.2
66	53.9	39.2	79.2





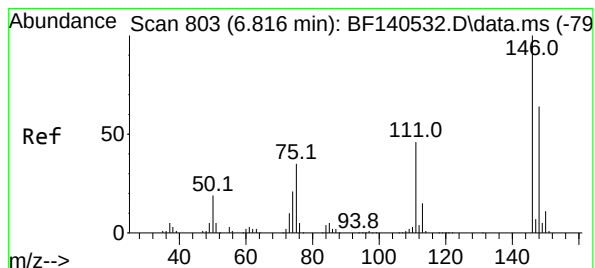
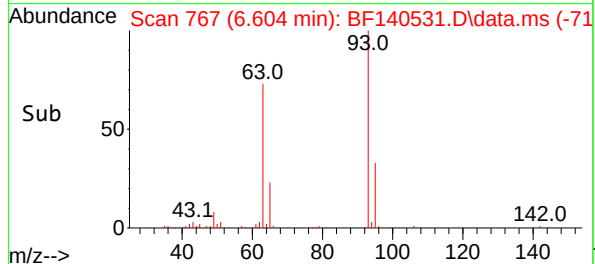
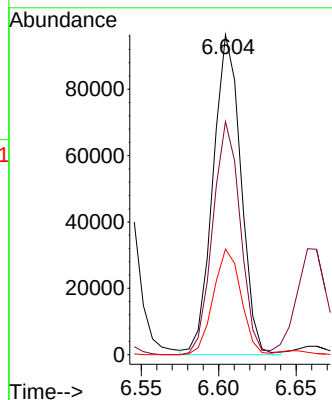
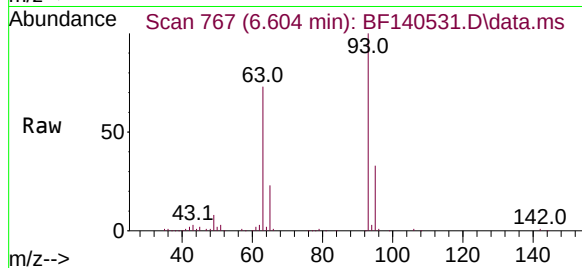
#11
bis(2-Chloroethyl)ether
Concen: 20.042 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 12083
Ion Ratio Lower Upper
93 100
63 72.9 52.8 92.8
95 33.0 12.3 52.3

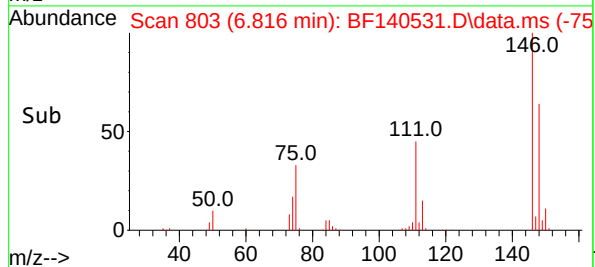
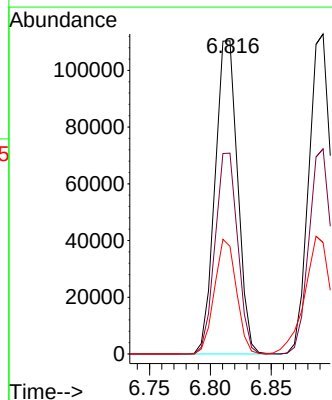
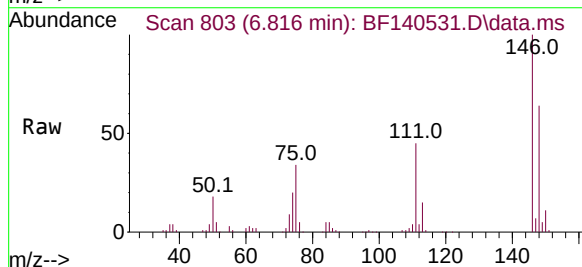
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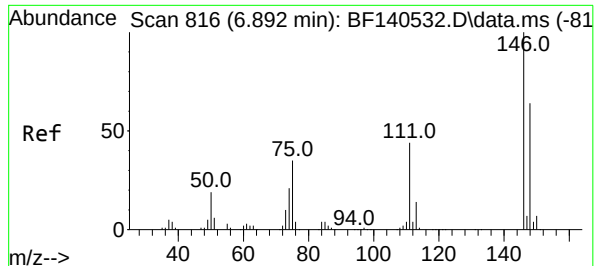
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 20.228 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:146 Resp: 142704
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 34.4 28.2 42.2





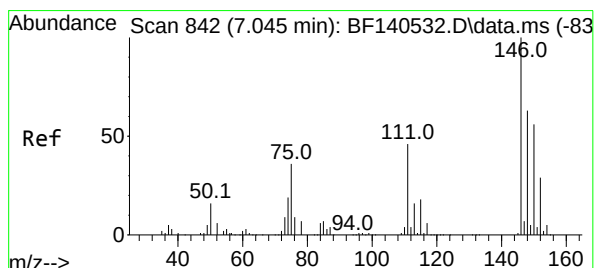
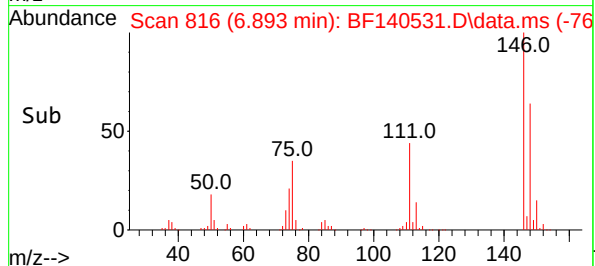
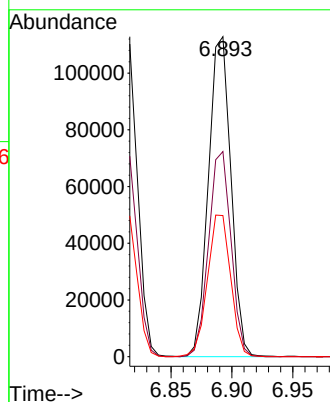
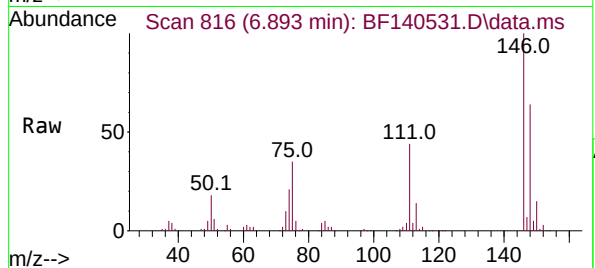
#13
1,4-Dichlorobenzene
Concen: 20.293 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 14495
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 44.1 35.3 52.9

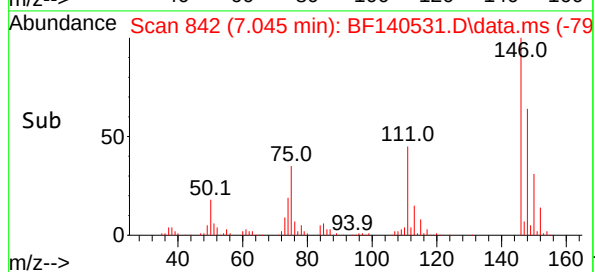
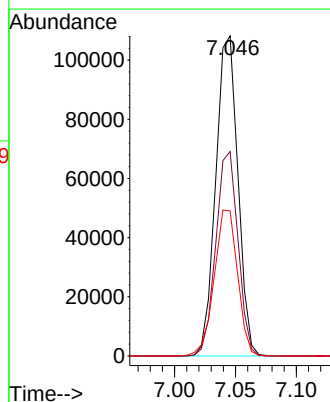
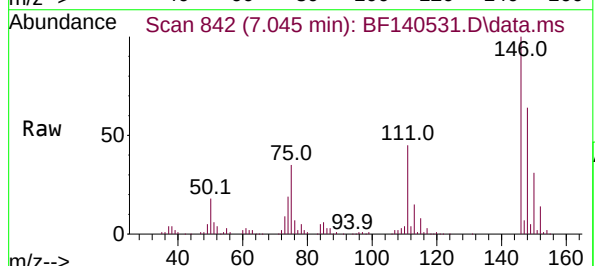
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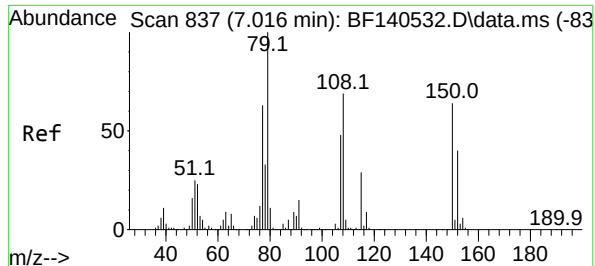
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 20.459 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:146 Resp: 136939
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 45.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 20.205 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 115602

Ion Ratio Lower Upper

79 100

108 69.8 55.0 82.6

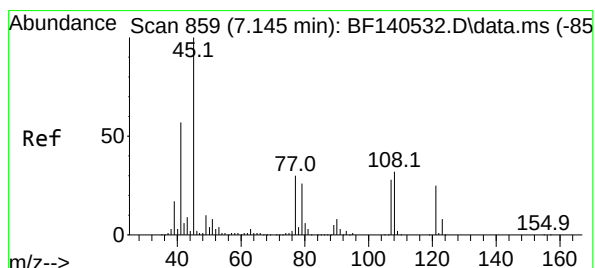
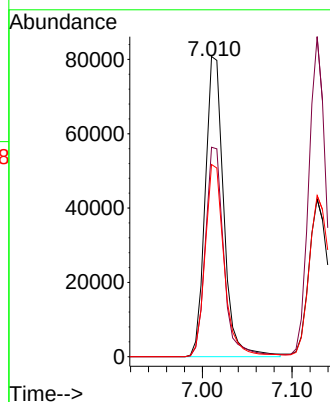
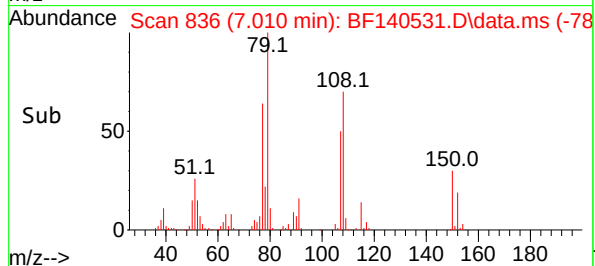
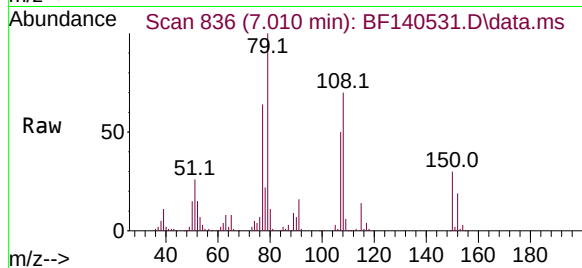
77 64.0 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.040 ng

RT: 7.146 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

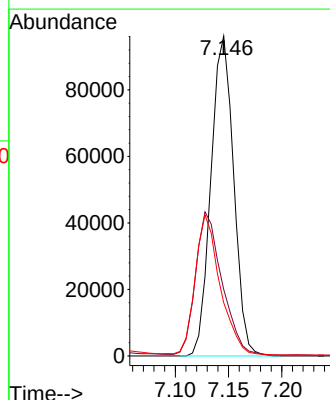
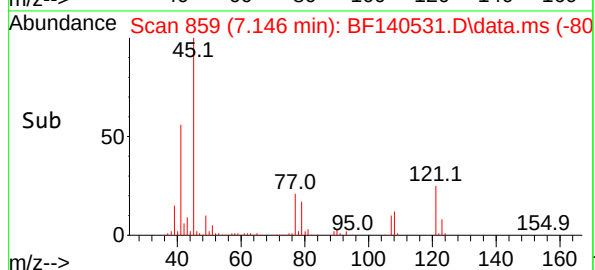
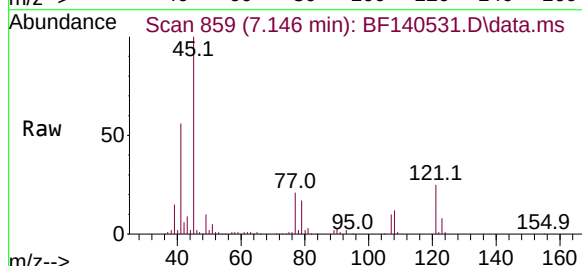
Tgt Ion: 45 Resp: 142742

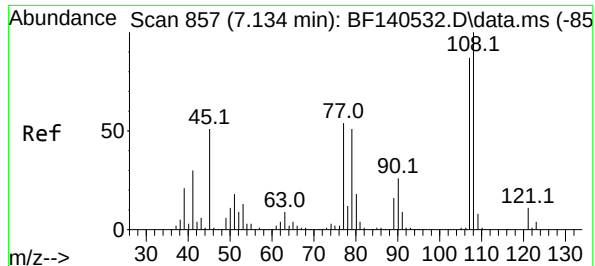
Ion Ratio Lower Upper

45 100

77 20.8 10.7 50.7

79 16.6 7.0 47.0





#17

2-Methylphenol

Concen: 20.473 ng

RT: 7.128 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 10289

Ion Ratio Lower Upper

107 100

108 109.8 91.7 137.5

77 55.3 49.3 73.9

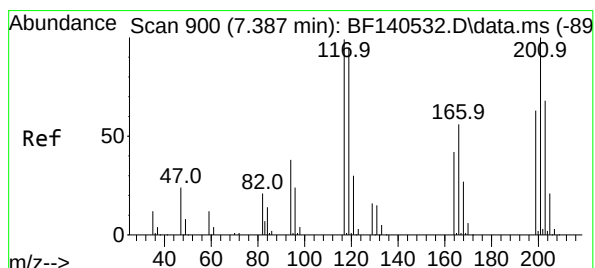
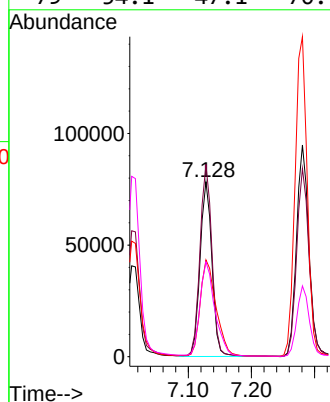
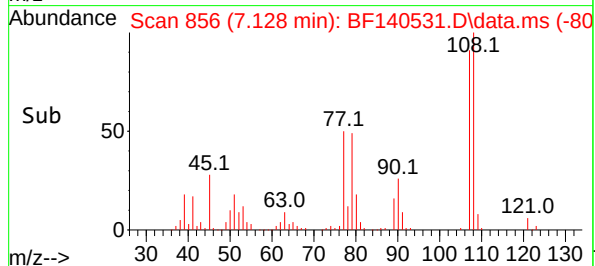
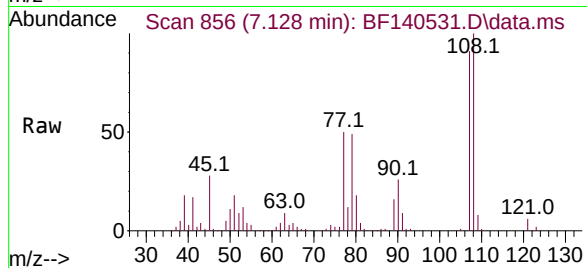
79 54.1 47.1 70.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#18

Hexachloroethane

Concen: 20.475 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

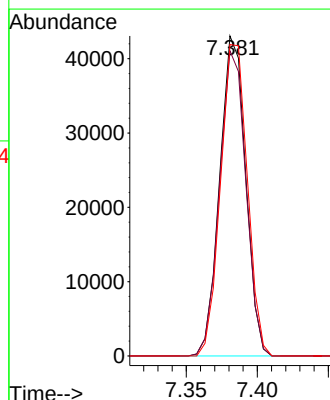
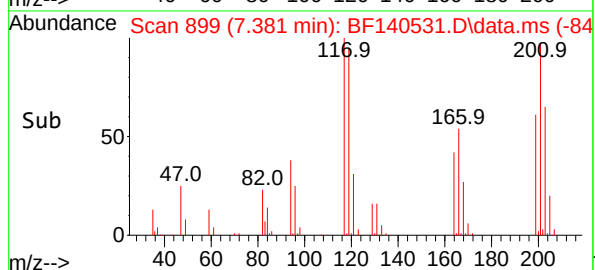
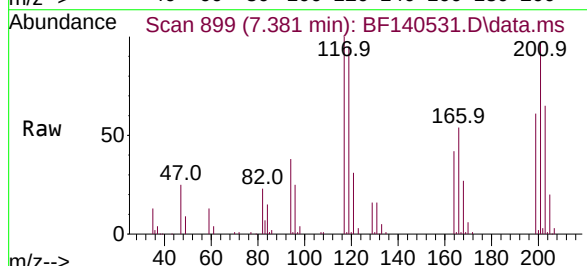
Tgt Ion:117 Resp: 54624

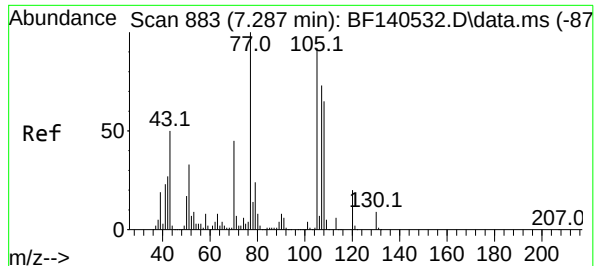
Ion Ratio Lower Upper

117 100

119 95.4 77.1 115.7

201 97.3 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 19.996 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 9117

Ion Ratio Lower Upper

70 100

42 56.8 47.6 71.4

101 9.8 7.6 11.4

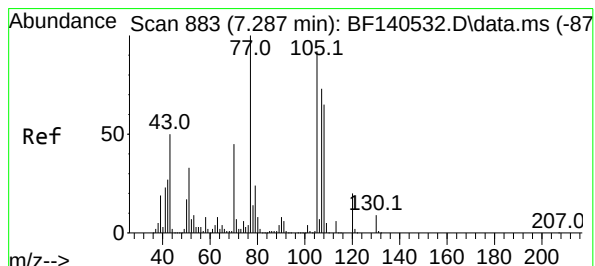
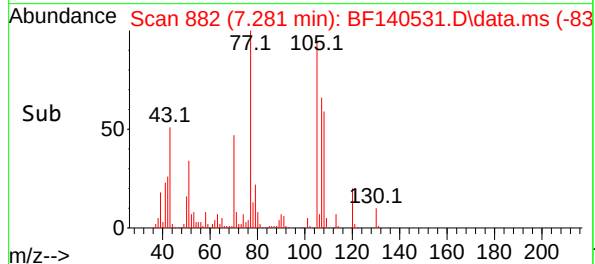
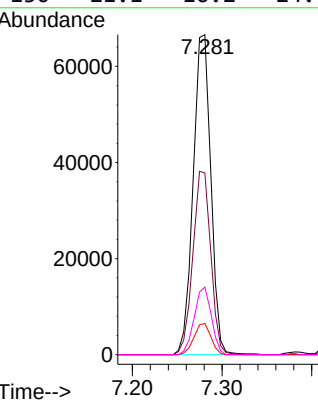
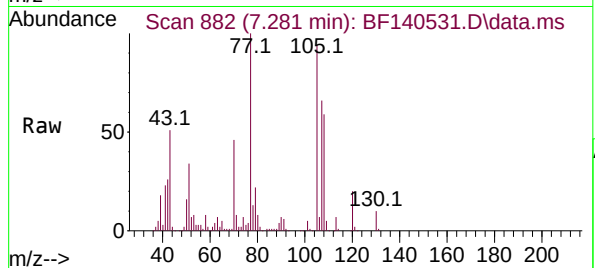
130 21.1 16.2 24.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 20.117 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:107 Resp: 129954

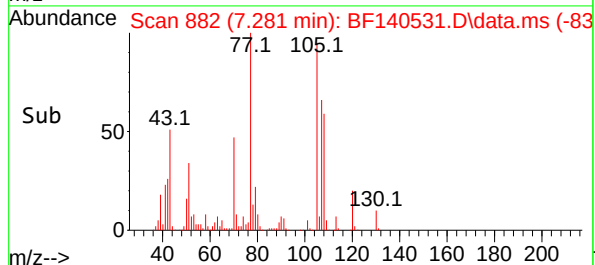
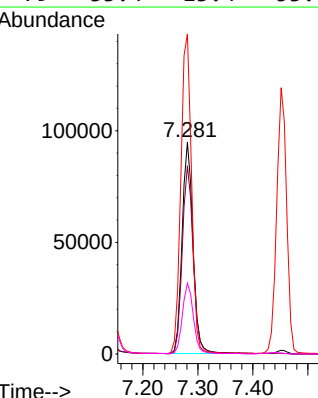
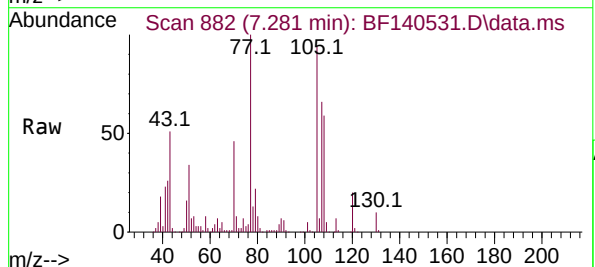
Ion Ratio Lower Upper

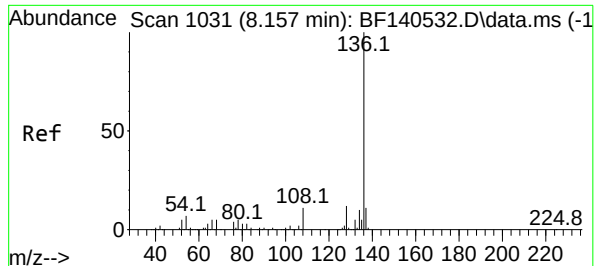
107 100

108 88.9 69.9 109.9

77 151.1 117.7 157.7

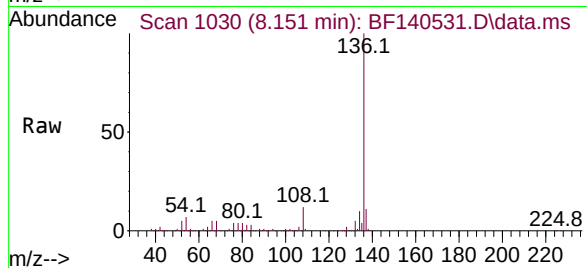
79 33.4 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

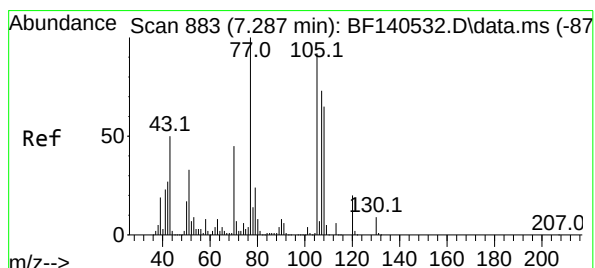
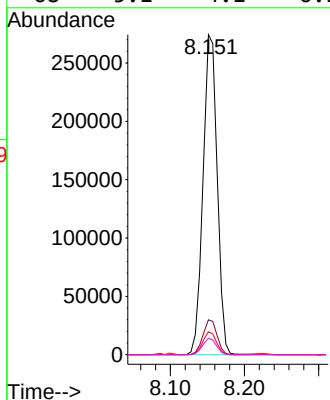
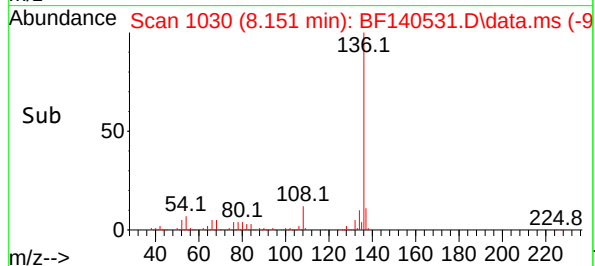
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



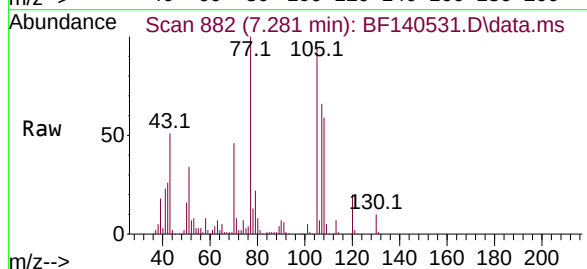
Tgt Ion:136 Resp: 364692
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations
APPROVED

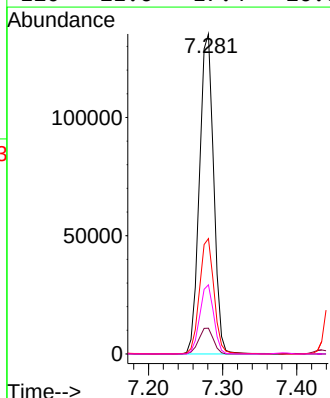
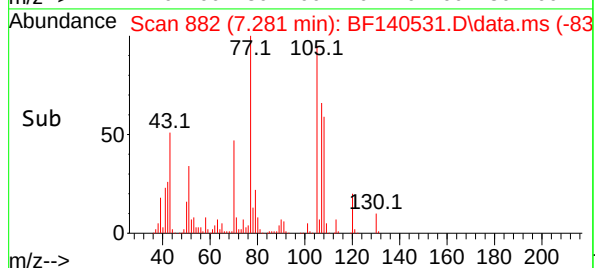
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

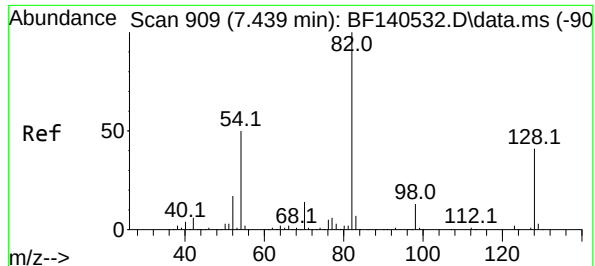


#22
Acetophenone
Concen: 20.270 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:105 Resp: 180222
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 36.1 29.0 43.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 40.422 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 28820

Ion Ratio Lower Upper

82 100

128 41.4 33.0 49.4

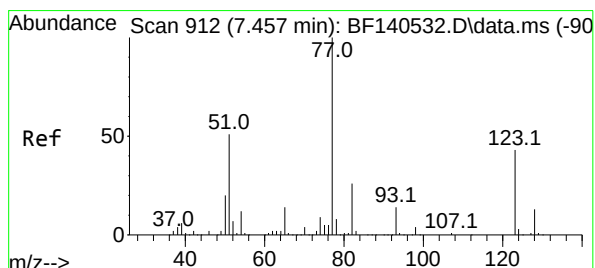
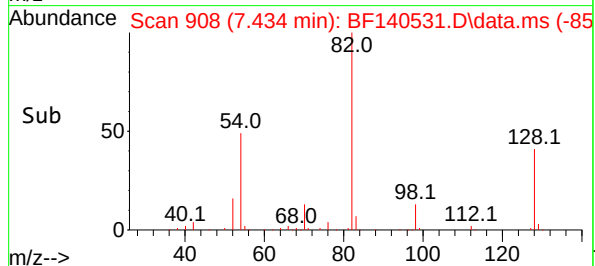
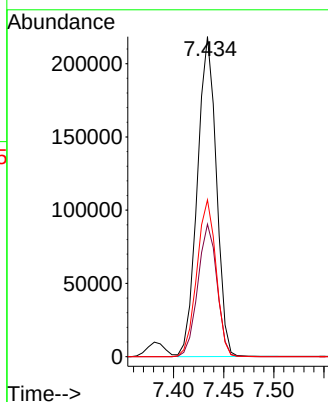
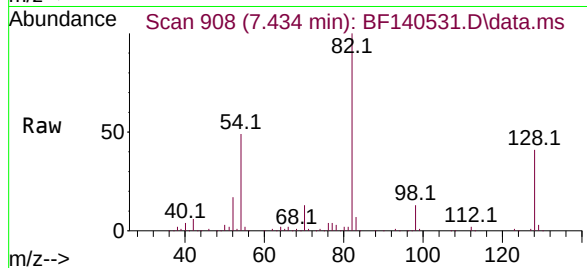
54 49.0 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 20.218 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

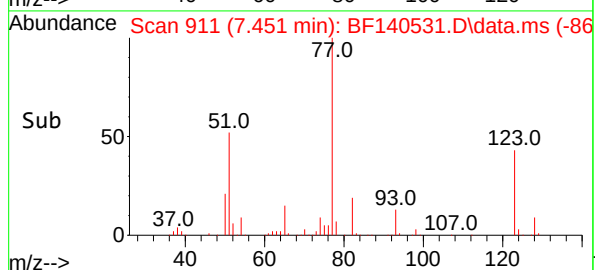
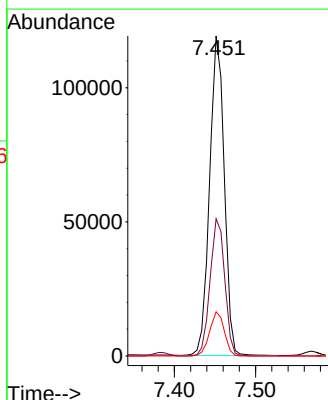
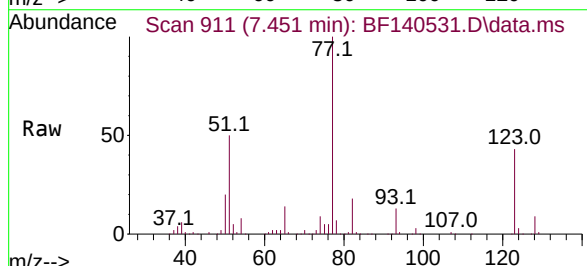
Tgt Ion: 77 Resp: 148986

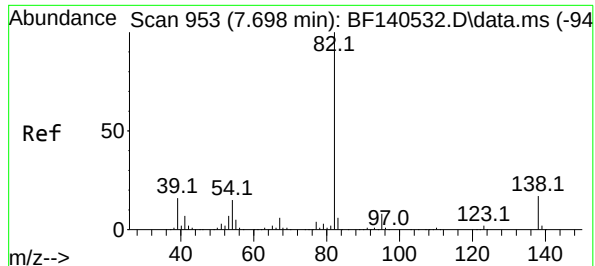
Ion Ratio Lower Upper

77 100

123 42.9 34.3 51.5

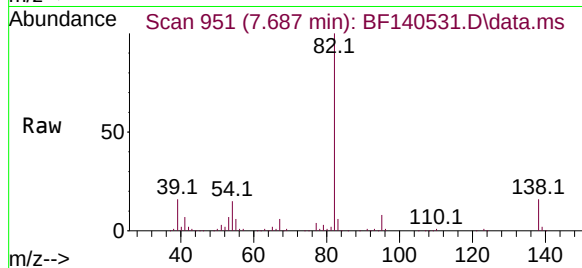
65 13.8 11.2 16.8





#25
Isophorone
Concen: 20.158 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

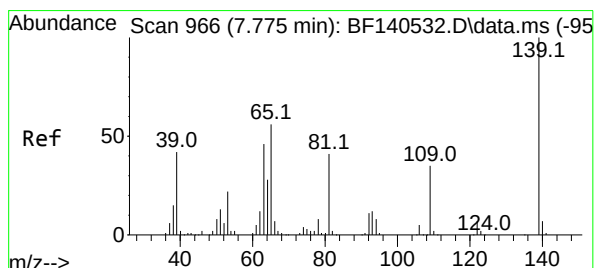
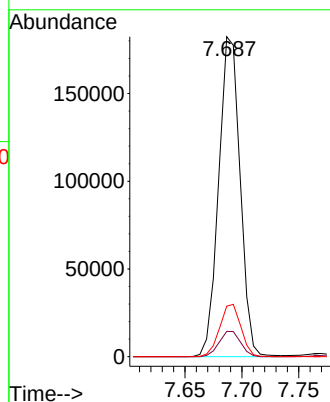
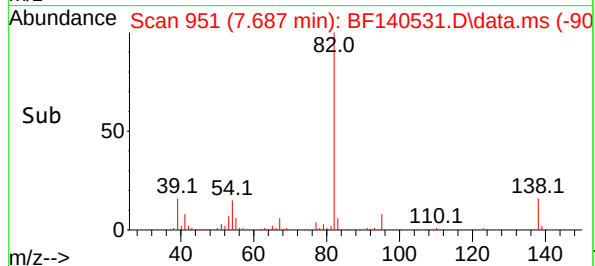
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 23971
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 15.8 13.8 20.6

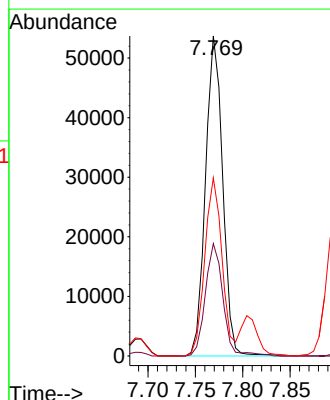
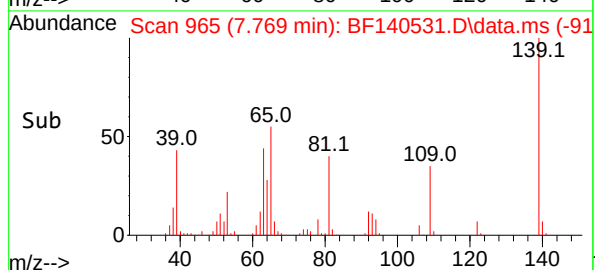
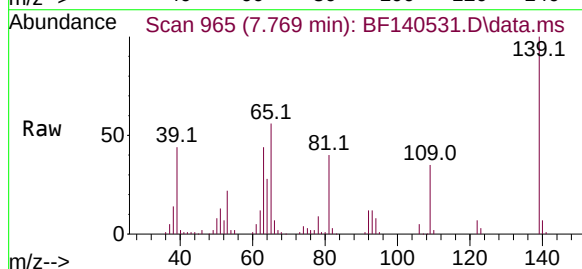
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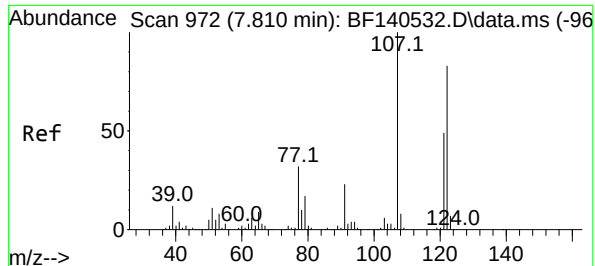
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 20.699 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:139 Resp: 67593
Ion Ratio Lower Upper
139 100
109 35.1 28.0 42.0
65 55.6 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 19.836 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

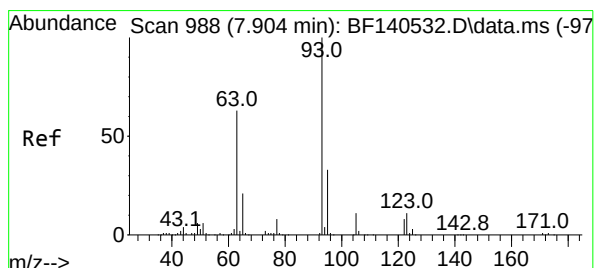
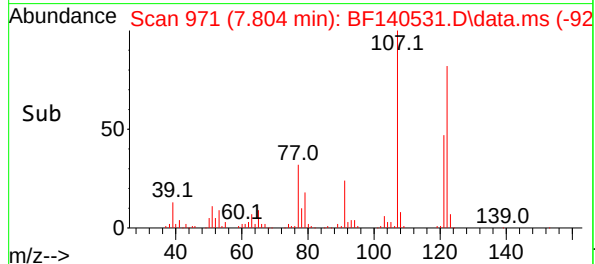
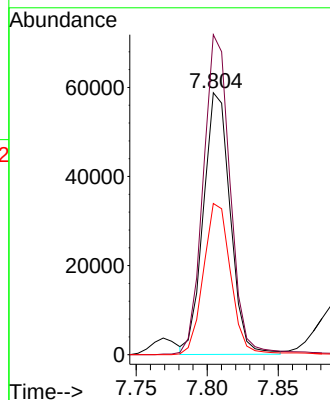
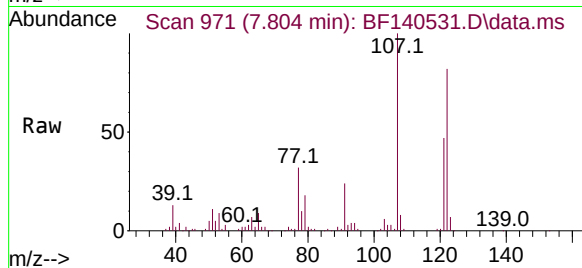
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.2	96.8	145.2
121	57.7	47.4	71.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 20.277 ng

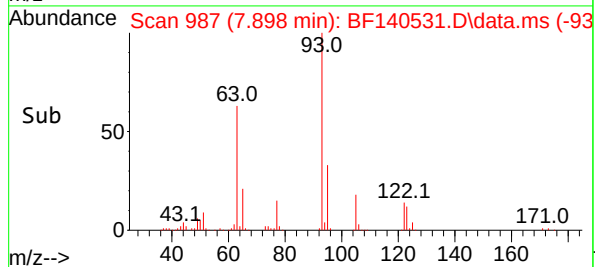
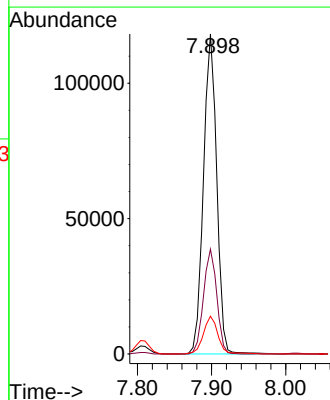
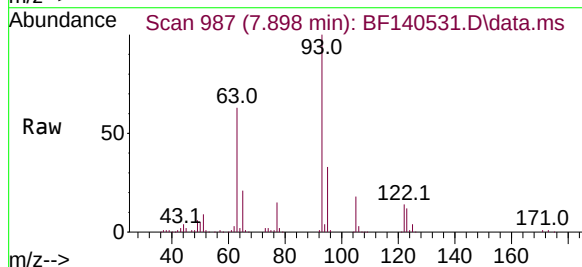
RT: 7.898 min Scan# 987

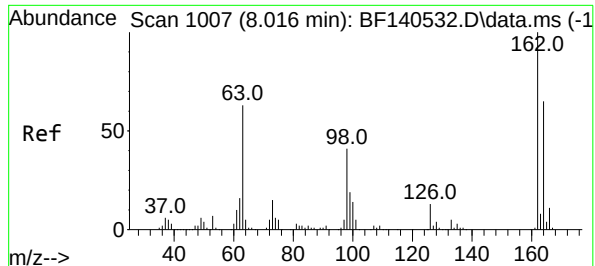
Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	11.8	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 20.456 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

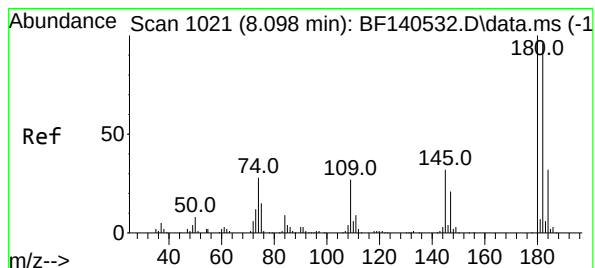
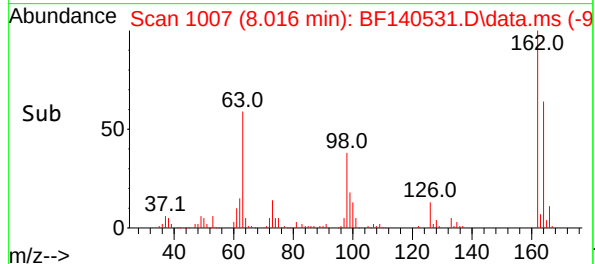
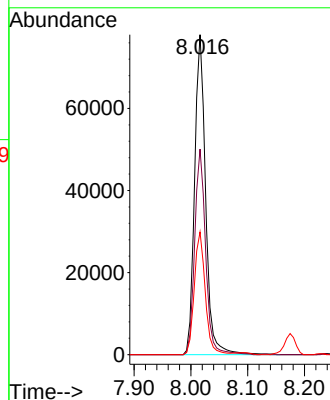
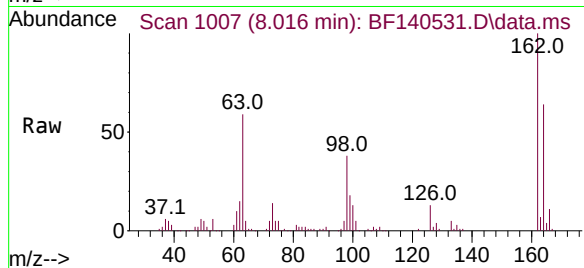
ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 105900
Ion Ratio Lower Upper
162 100
164 64.3 44.8 84.8
98 38.3 21.2 61.2

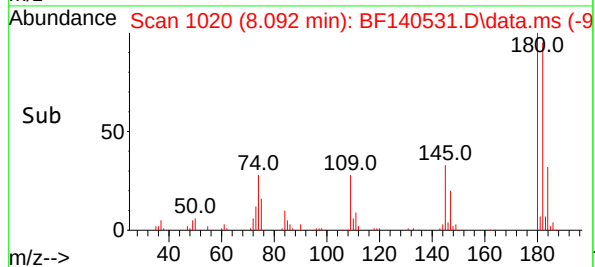
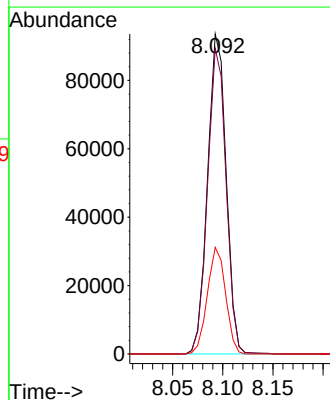
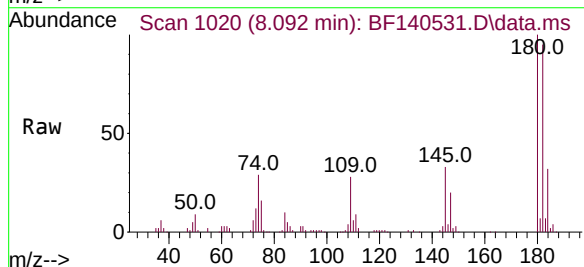
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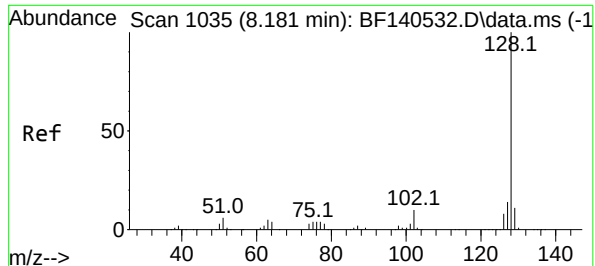
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 20.461 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

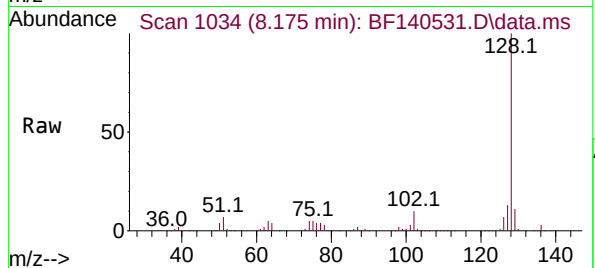
Tgt Ion:180 Resp: 120949
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 33.3 25.9 38.9





#31
Naphthalene
Concen: 20.614 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

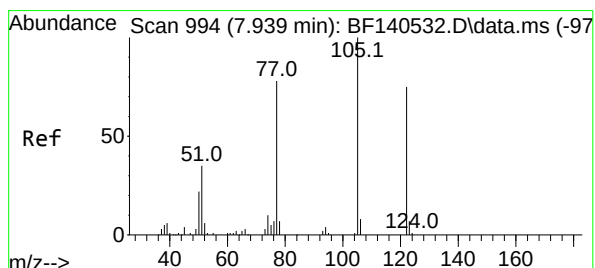
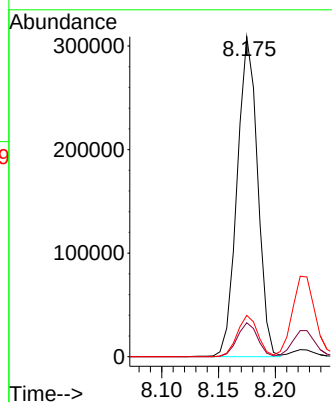
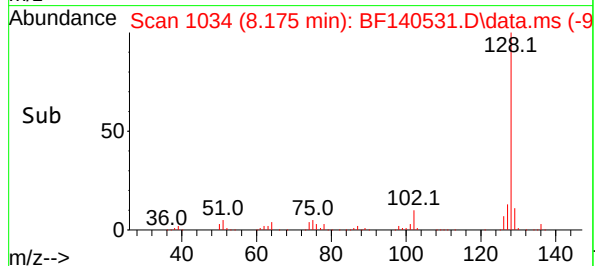
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 387230
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.8 16.2

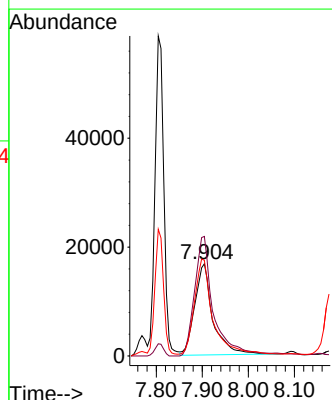
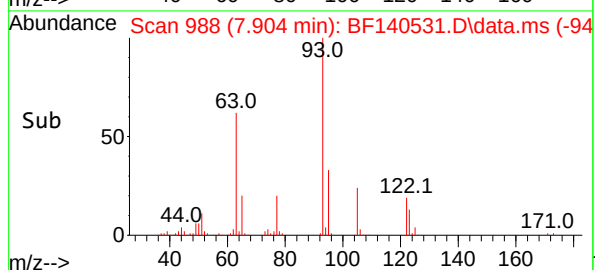
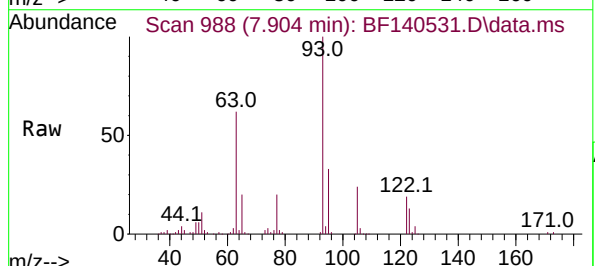
Manual Integrations
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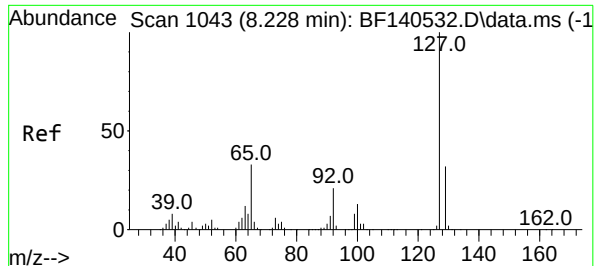
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 18.678 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.035 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:122 Resp: 45935
Ion Ratio Lower Upper
122 100
105 129.6 109.3 149.3
77 103.8 82.3 122.3





#33

4-Chloroaniline

Concen: 20.042 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 112719

Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 32.6 26.0 39.0

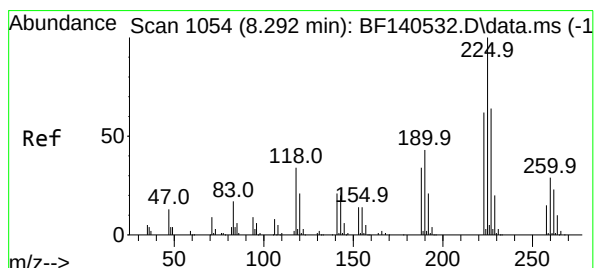
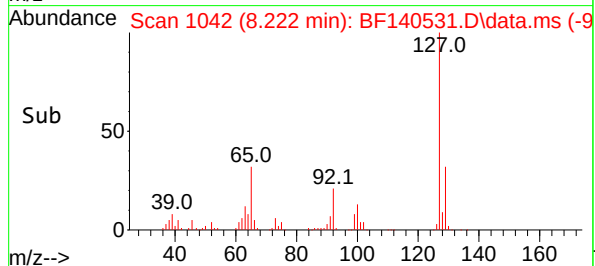
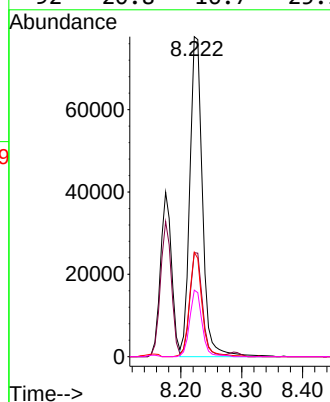
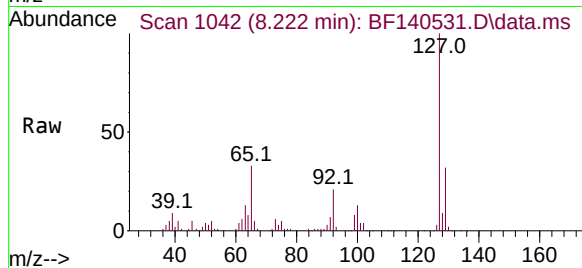
92 20.8 16.7 25.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#34

Hexachlorobutadiene

Concen: 20.427 ng

RT: 8.287 min Scan# 1053

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

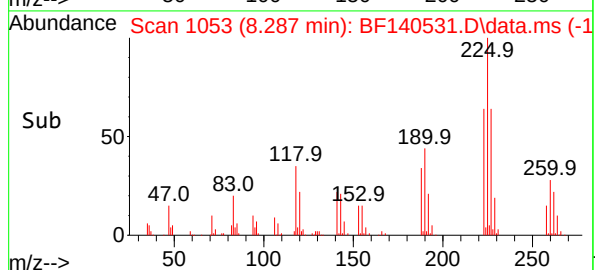
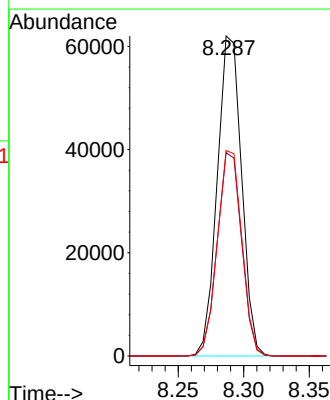
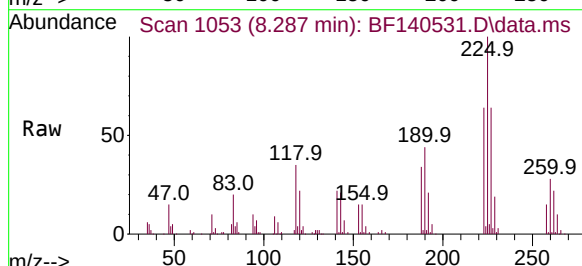
Tgt Ion:225 Resp: 79980

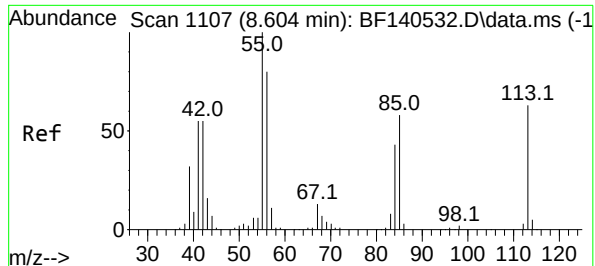
Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.8

227 64.2 51.3 76.9





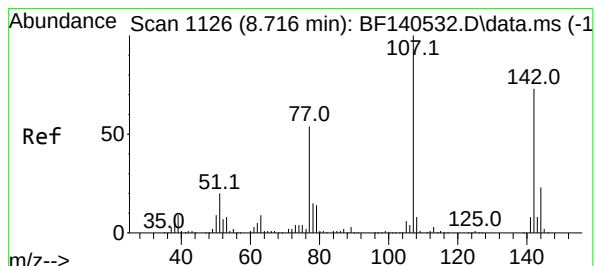
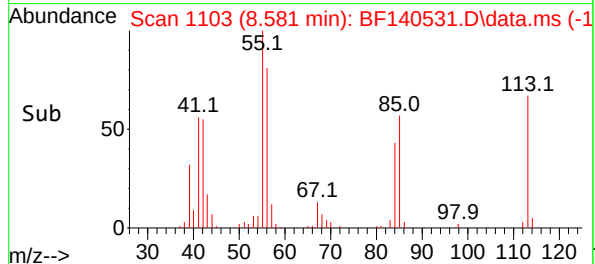
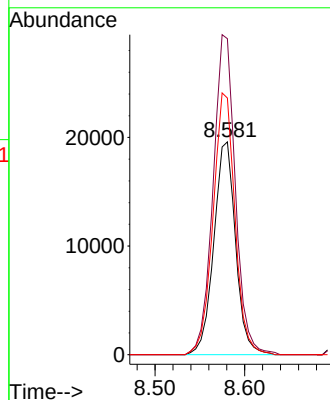
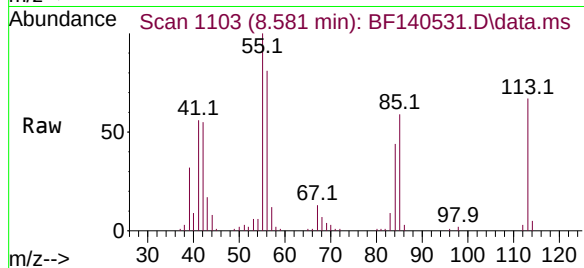
#35
Caprolactam
Concen: 20.609 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.023 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 33020
Ion Ratio Lower Upper
113 100
55 148.5 137.7 177.7
56 120.6 106.4 146.4

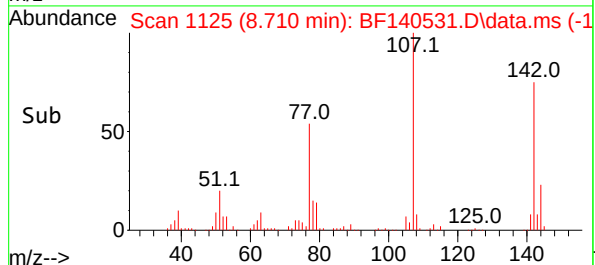
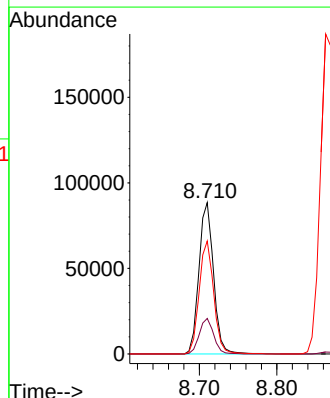
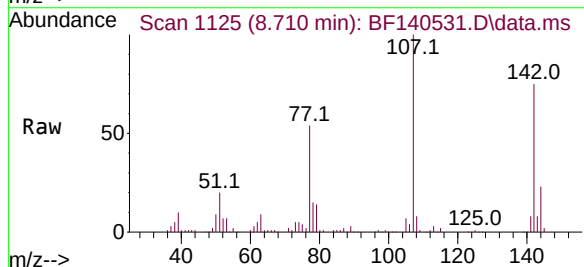
Manual Integrations
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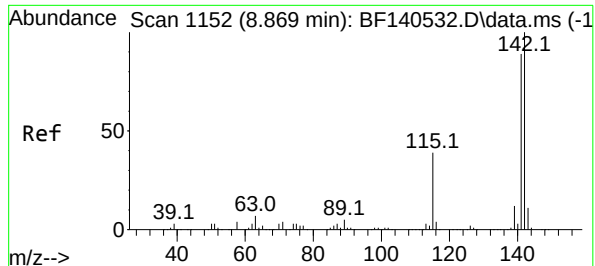
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 19.974 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:107 Resp: 115782
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 74.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 20.446 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 243949

Ion Ratio Lower Upper

142 100

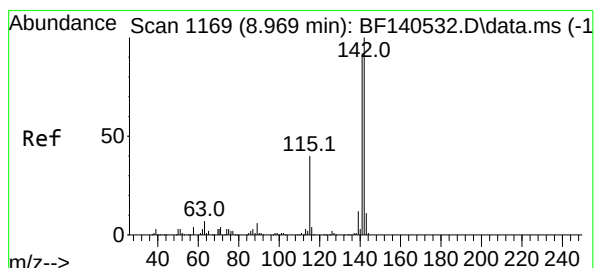
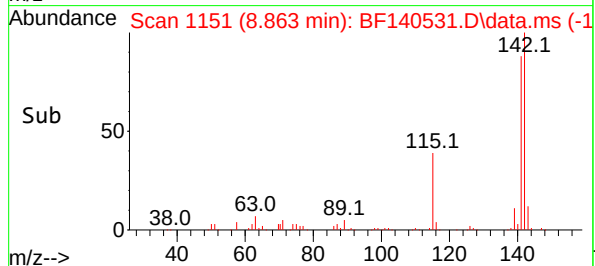
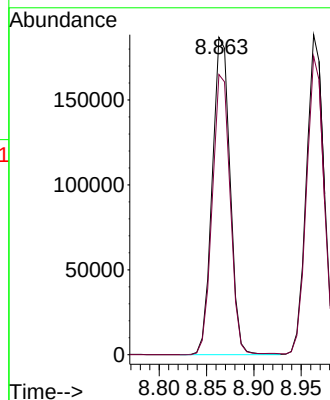
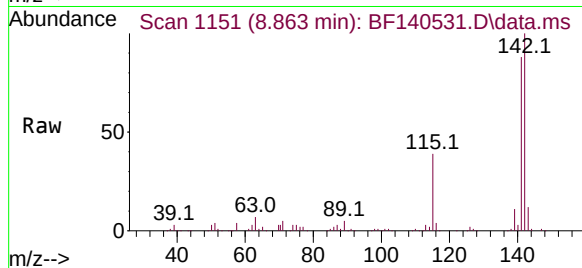
141 88.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 20.564 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140531.D

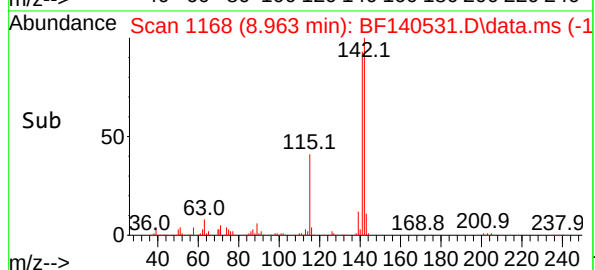
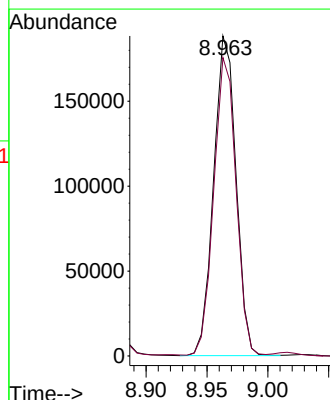
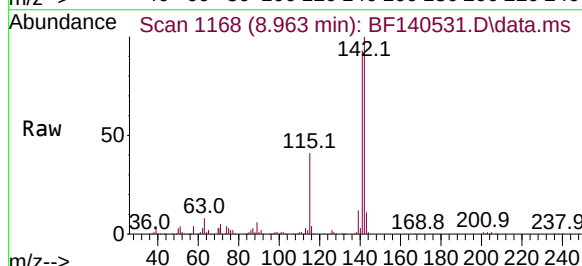
Acq: 21 Nov 2024 12:32

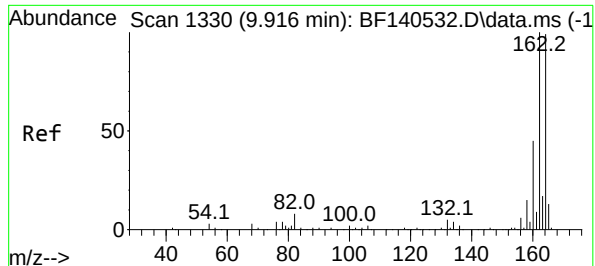
Tgt Ion:142 Resp: 240502

Ion Ratio Lower Upper

142 100

141 93.2 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140531.D

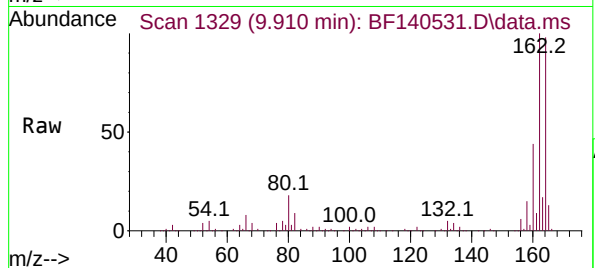
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 19880

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

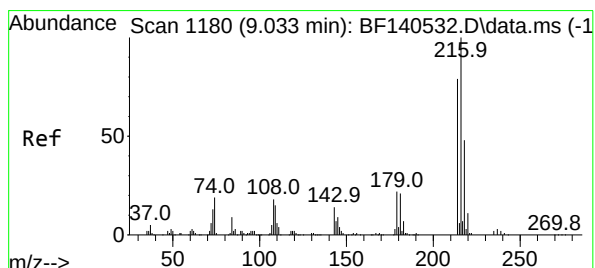
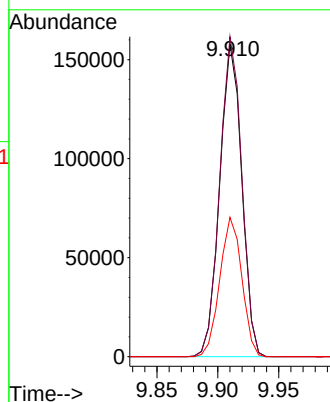
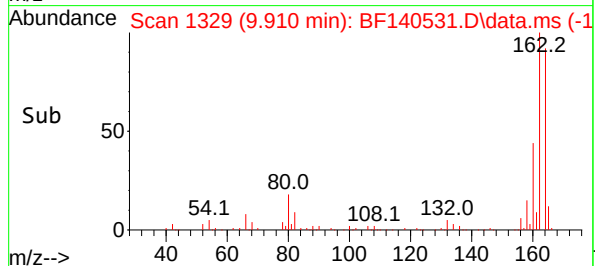
160 44.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.695 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:216 Resp: 120444

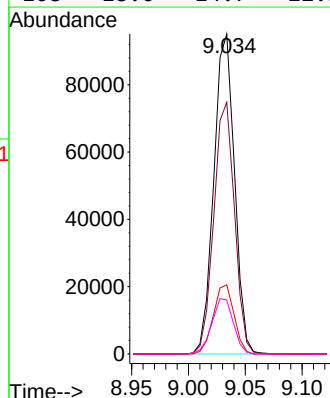
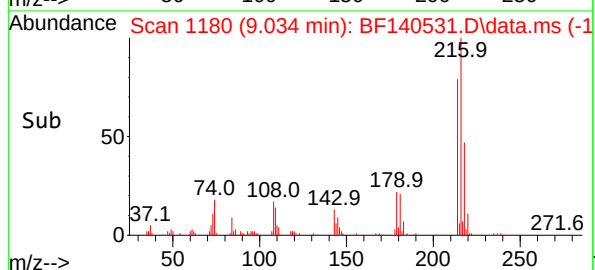
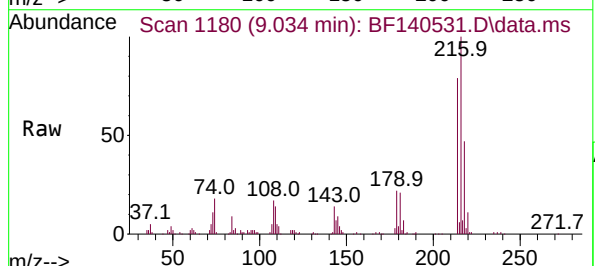
Ion Ratio Lower Upper

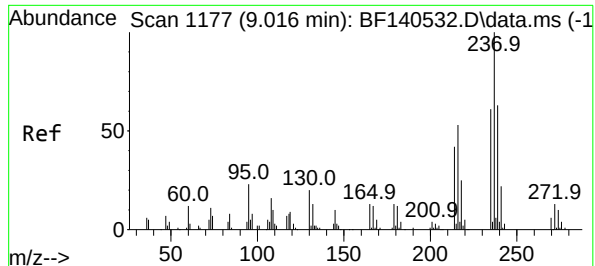
216 100

214 78.6 63.0 94.4

179 21.7 17.5 26.3

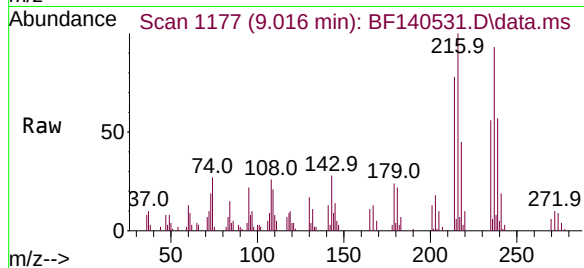
108 18.0 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 19.734 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

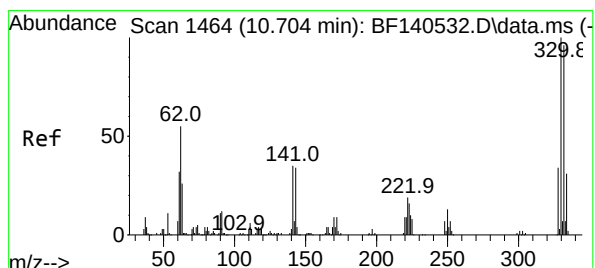
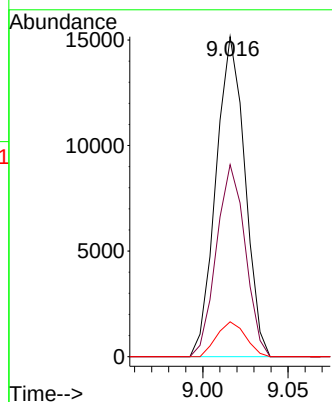
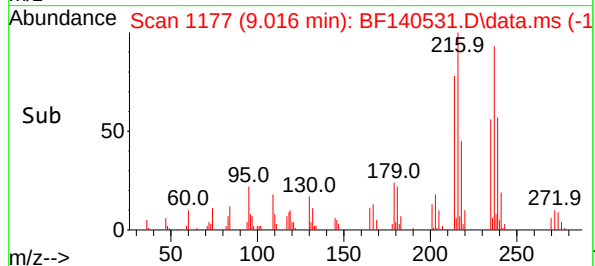
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



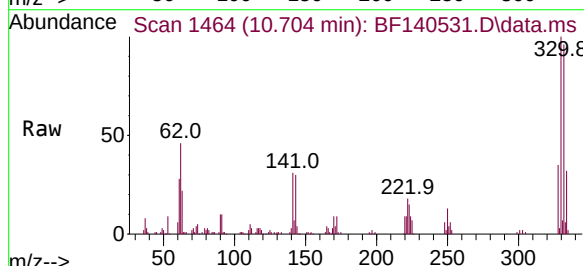
Tgt Ion: 237 Resp: 17909
Ion Ratio Lower Upper
237 100
235 60.0 41.1 81.1
272 10.9 0.0 32.6

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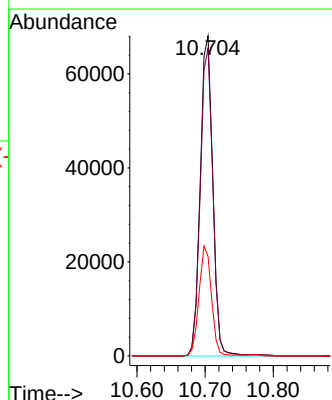
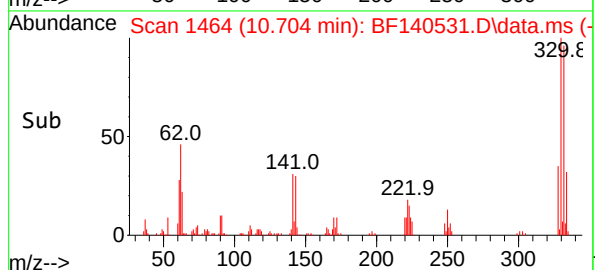
Reviewed By : Yogesh Patel 11/22/2024
Supervised By : mohammad ahmed 11/27/2024

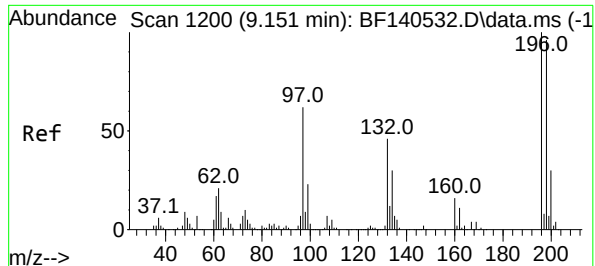


#42
2,4,6-Tribromophenol
Concen: 41.118 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion: 330 Resp: 87426
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 34.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 20.410 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140531.D

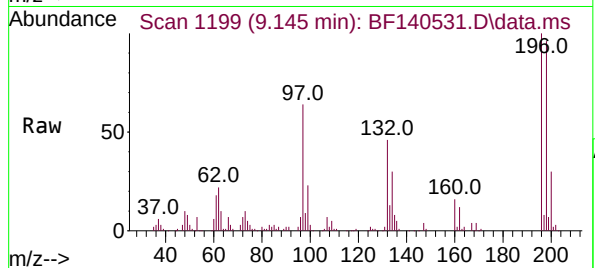
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 74538

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

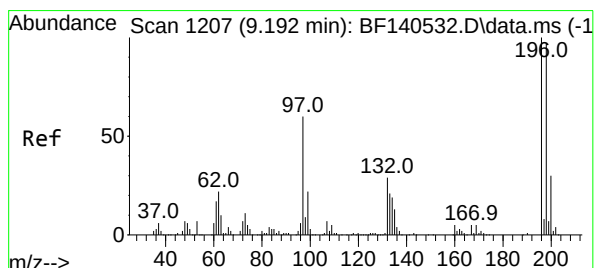
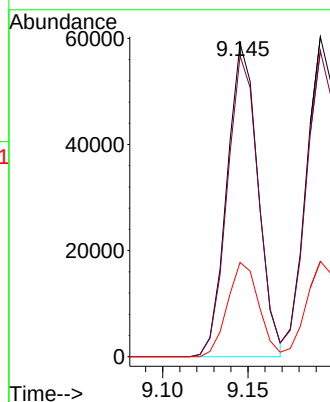
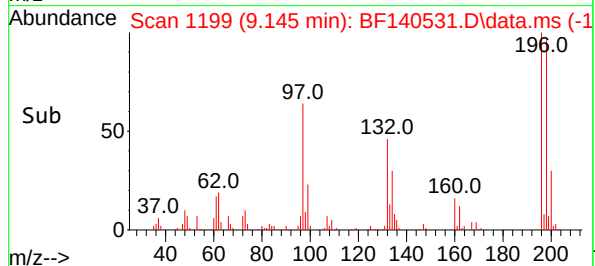
200 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

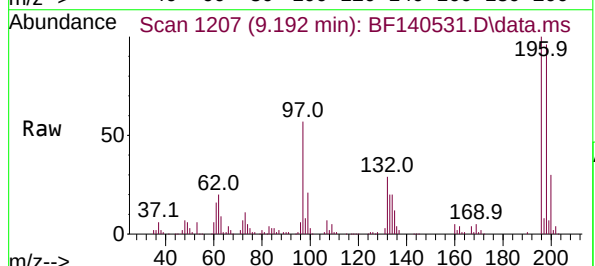
Concen: 20.585 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32



Tgt Ion:196 Resp: 81588

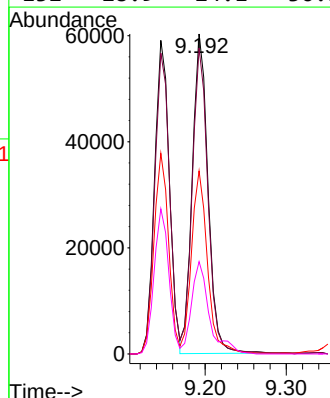
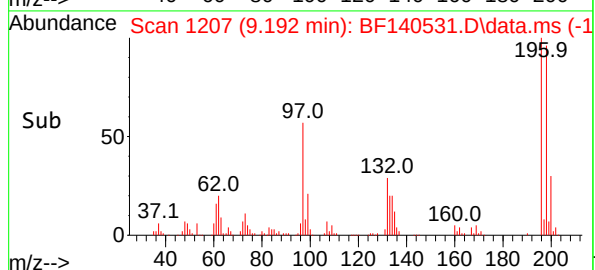
Ion Ratio Lower Upper

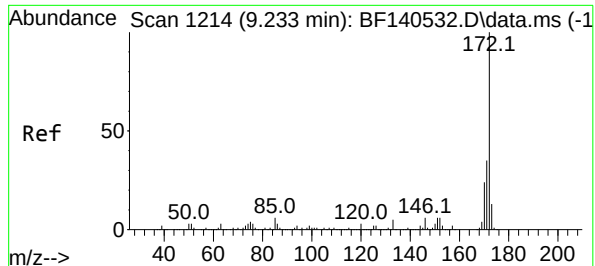
196 100

198 95.6 77.2 115.8

97 57.2 47.1 70.7

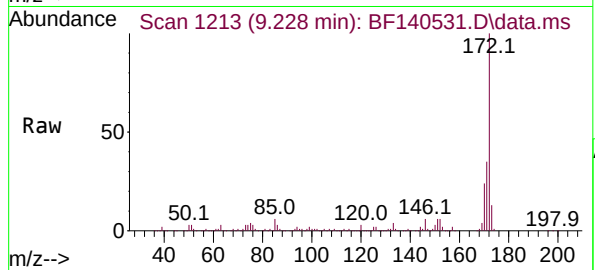
132 28.9 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 42.389 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

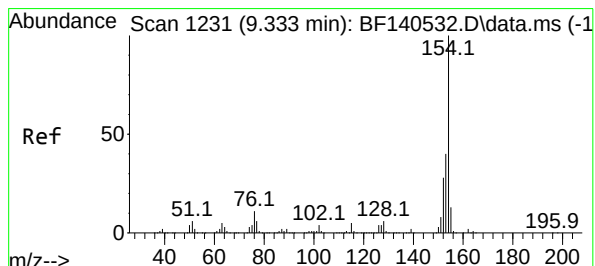
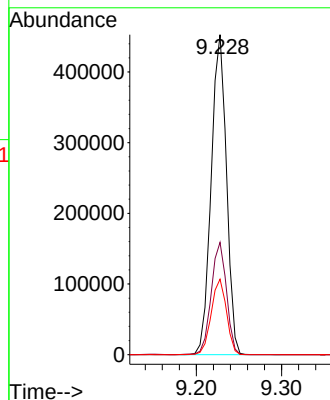
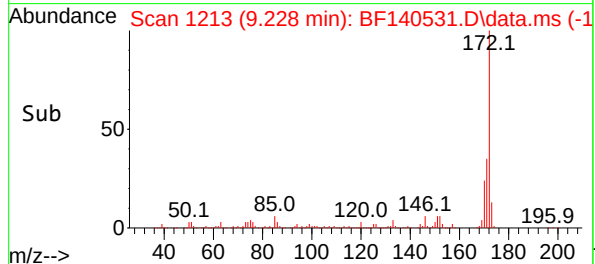
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 56560
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.0 28.6

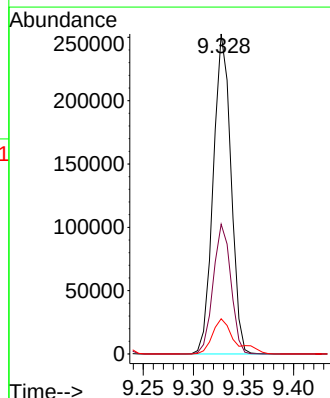
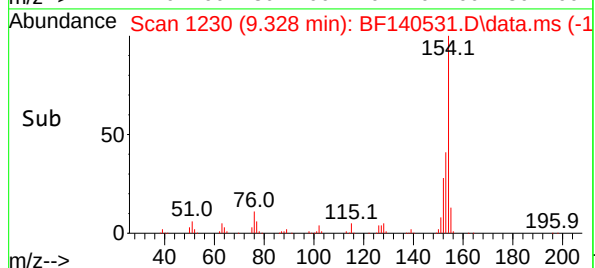
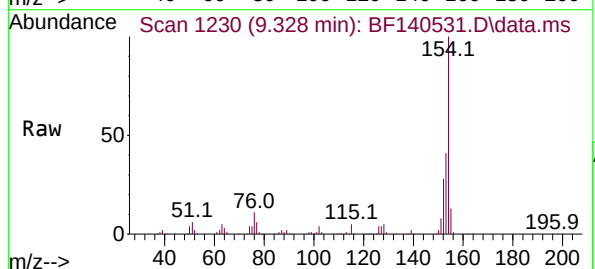
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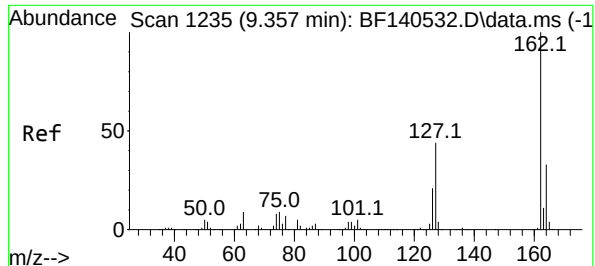
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 20.936 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:154 Resp: 310749
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 20.545 ng

RT: 9.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140531.D

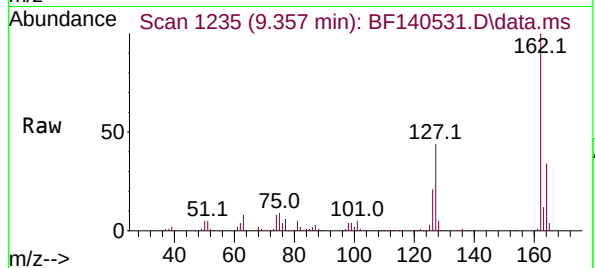
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 23106

Ion Ratio Lower Upper

162 100

127 44.0 35.7 53.5

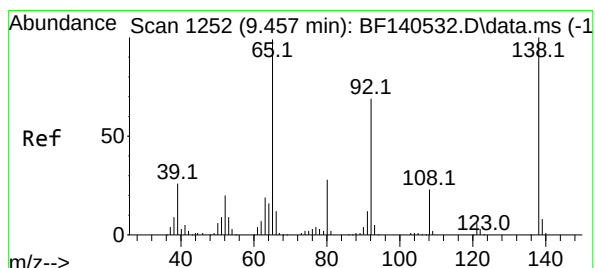
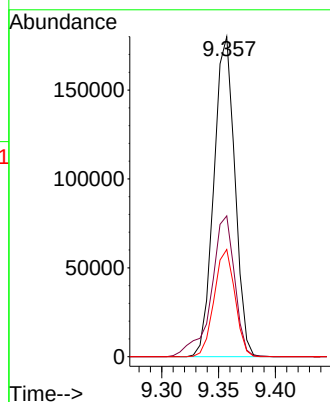
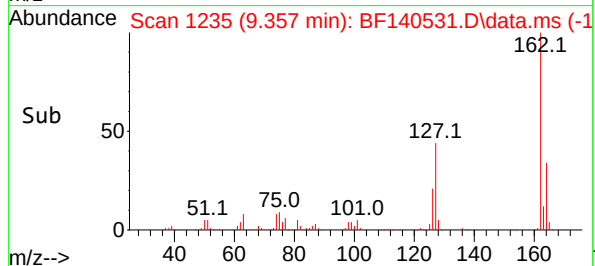
164 33.5 26.1 39.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

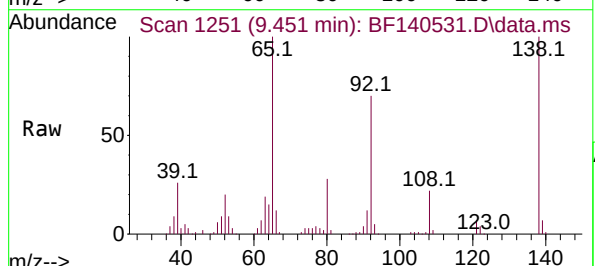
Concen: 20.871 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32



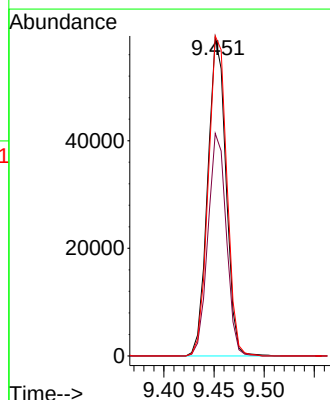
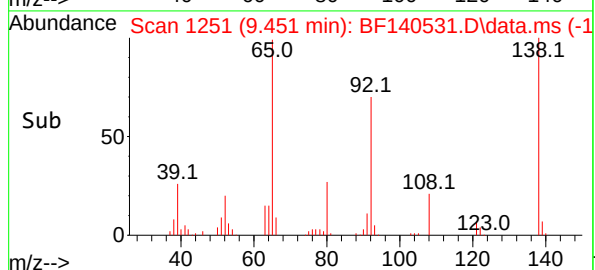
Tgt Ion: 65 Resp: 75343

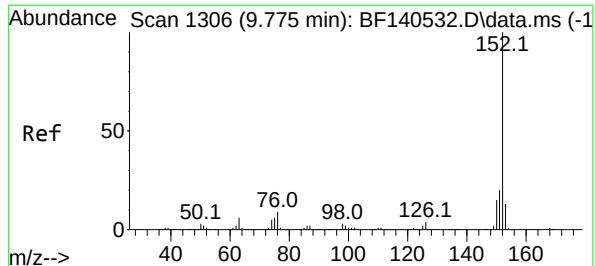
Ion Ratio Lower Upper

65 100

92 69.8 56.1 84.1

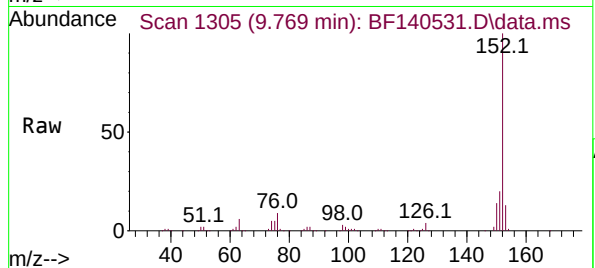
138 100.4 81.0 121.6





#49
Acenaphthylene
Concen: 21.155 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

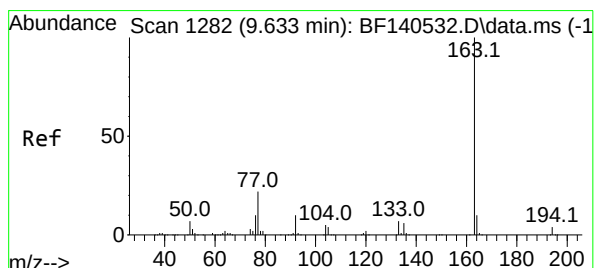
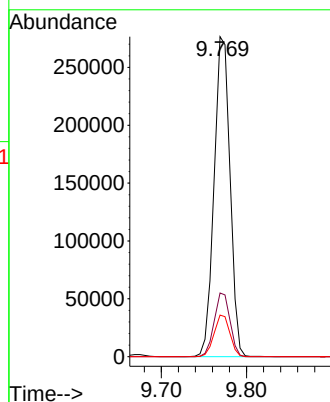
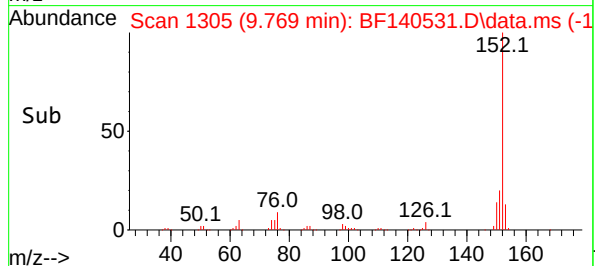
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



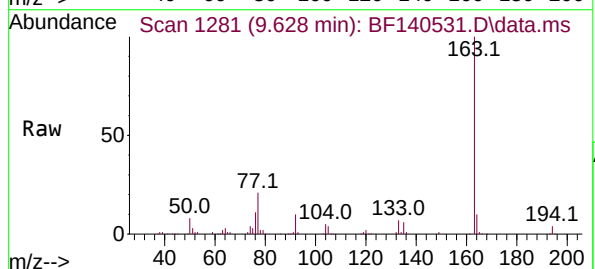
Tgt Ion:152 Resp: 35948
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.6 16.0

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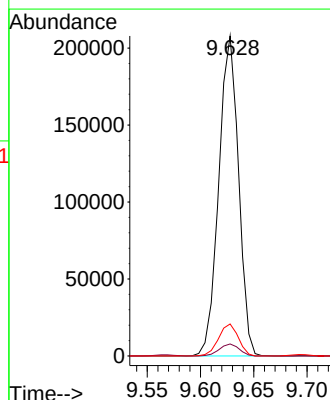
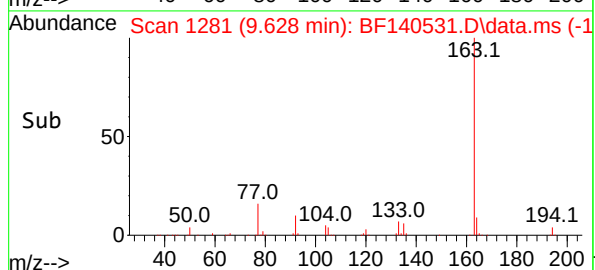
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

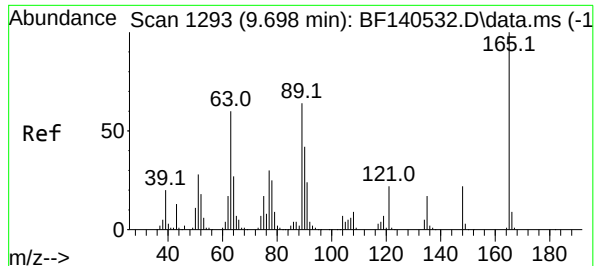


#50
Dimethylphthalate
Concen: 20.440 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:163 Resp: 267629
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 20.568 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 61070

Ion Ratio Lower Upper

165 100

63 60.7 49.9 74.9

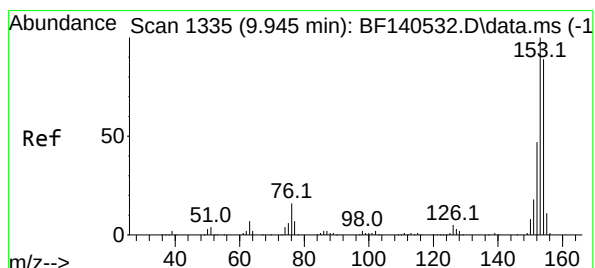
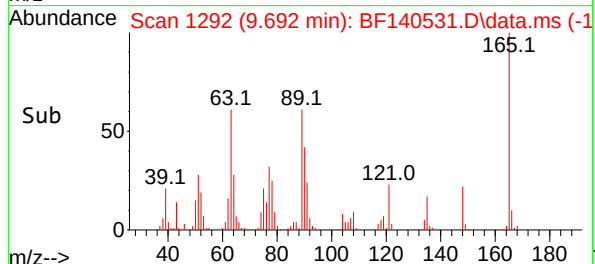
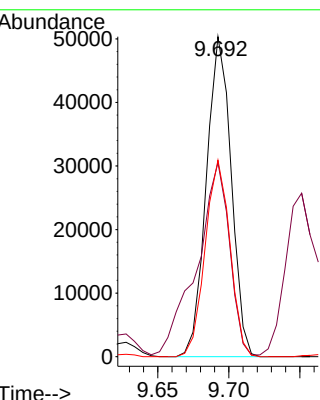
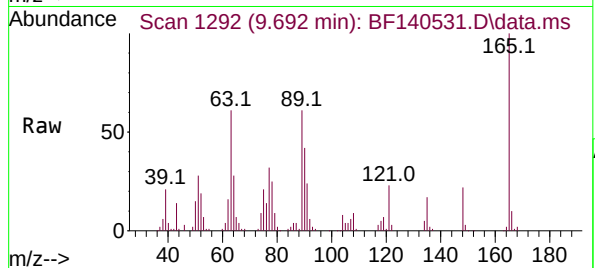
89 61.4 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#52

Acenaphthene

Concen: 20.497 ng m

RT: 9.945 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

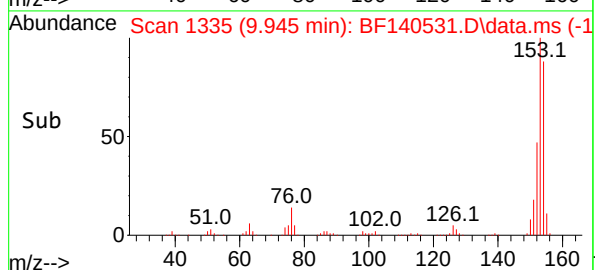
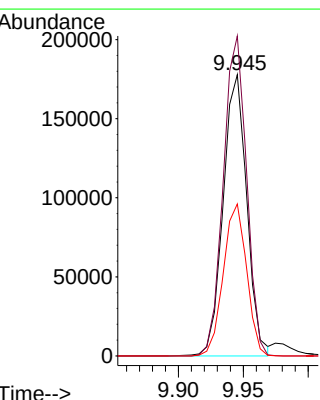
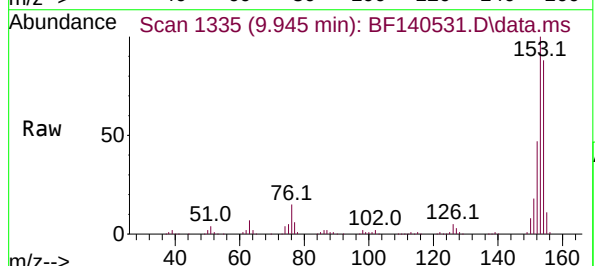
Tgt Ion:154 Resp: 225540

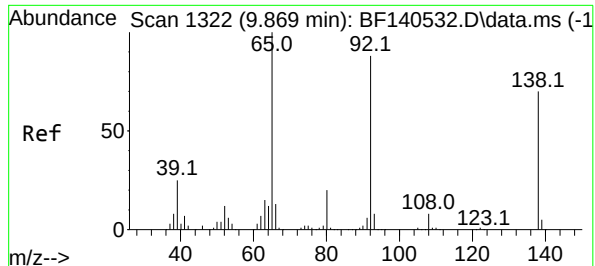
Ion Ratio Lower Upper

154 100

153 113.8 89.7 134.5

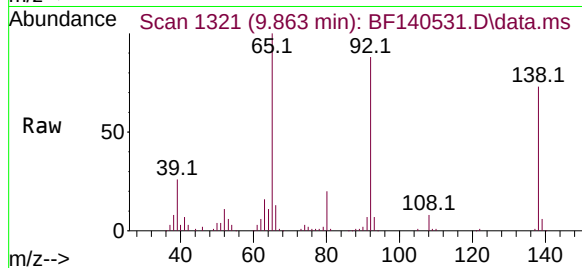
152 54.0 42.5 63.7





#53
3-Nitroaniline
Concen: 21.128 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

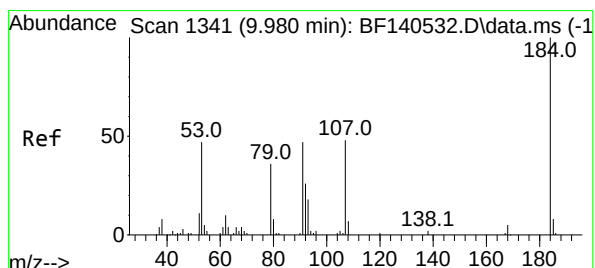
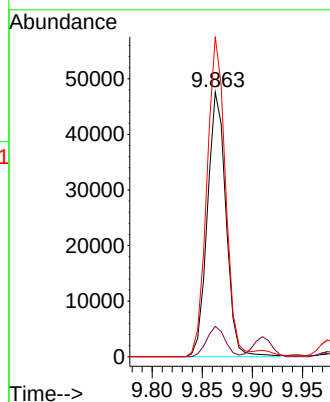
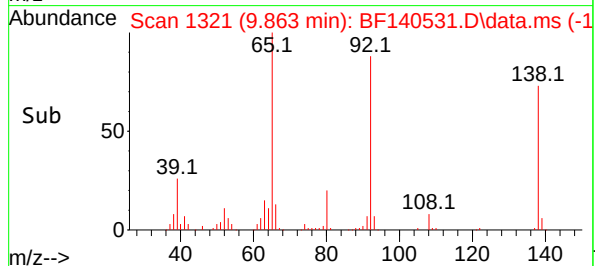
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 61362
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 121.0 100.6 150.8

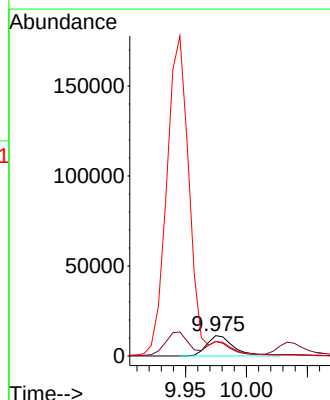
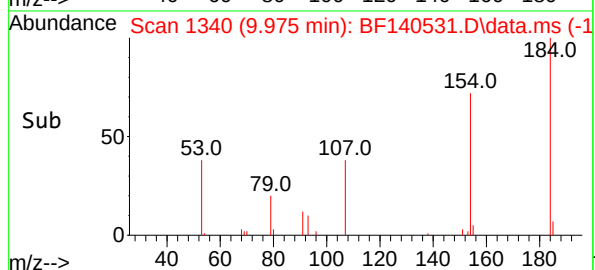
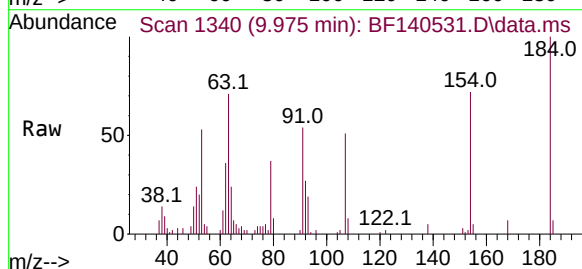
Manual Integrations
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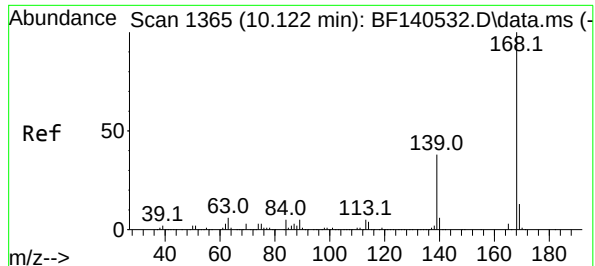
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 18.164 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.005 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:184 Resp: 17628
Ion Ratio Lower Upper
184 100
63 71.0 54.1 81.1
154 71.5 57.4 86.0





#55

Dibenzofuran

Concen: 20.992 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 345729

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

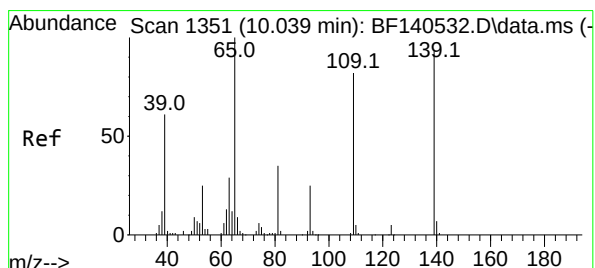
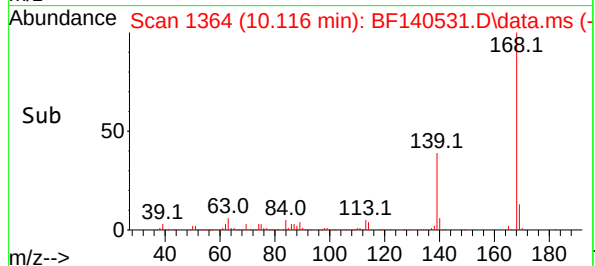
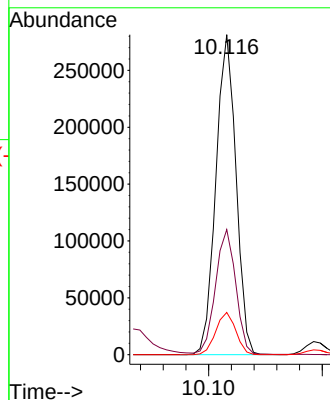
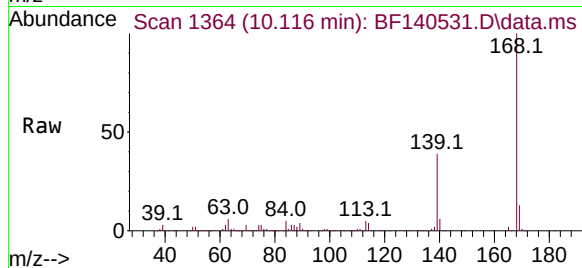
169 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#56

4-Nitrophenol

Concen: 19.582 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.005 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

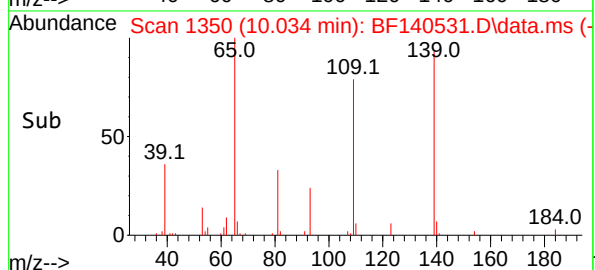
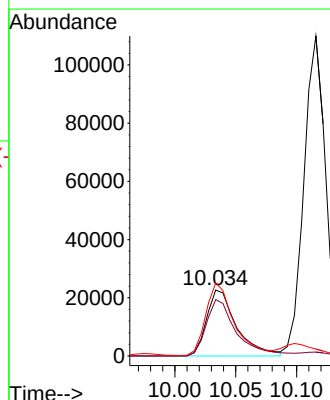
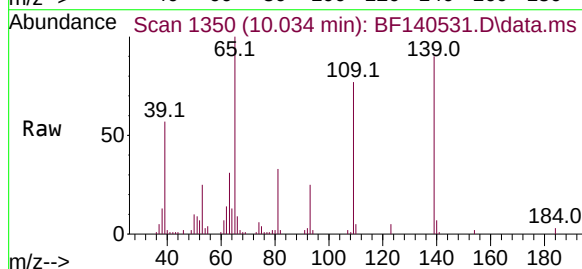
Tgt Ion:139 Resp: 38787

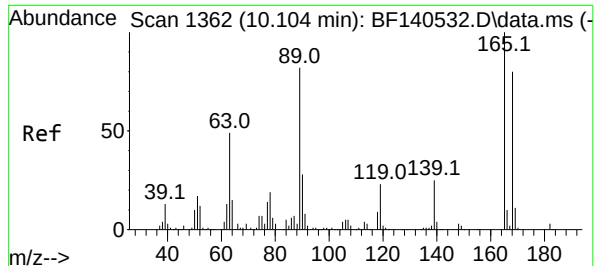
Ion Ratio Lower Upper

139 100

109 85.4 68.4 108.4

65 110.9 88.6 128.6





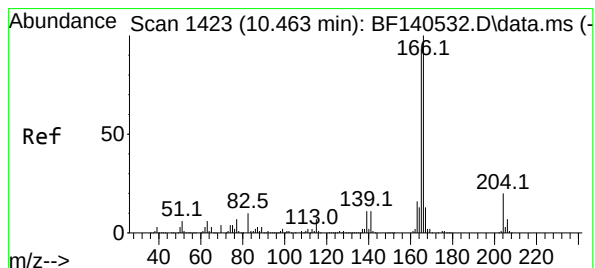
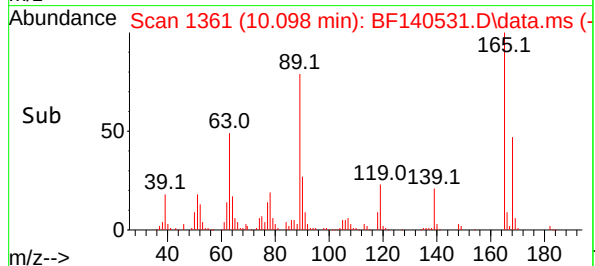
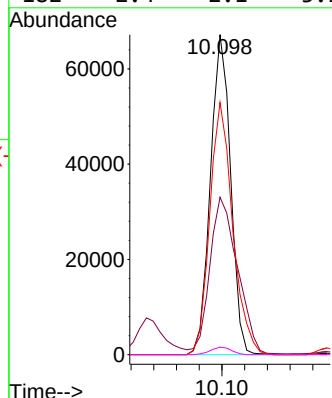
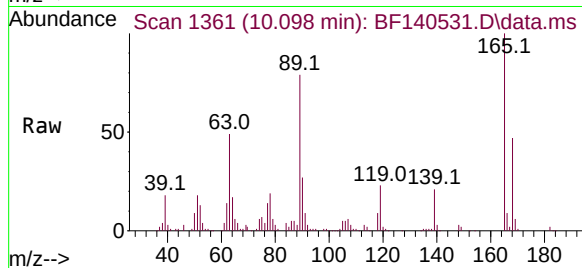
#57
2,4-Dinitrotoluene
Concen: 20.957 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 82700
Ion Ratio Lower Upper
165 100
63 49.2 41.7 62.5
89 78.8 65.8 98.8
182 2.4 2.1 3.1

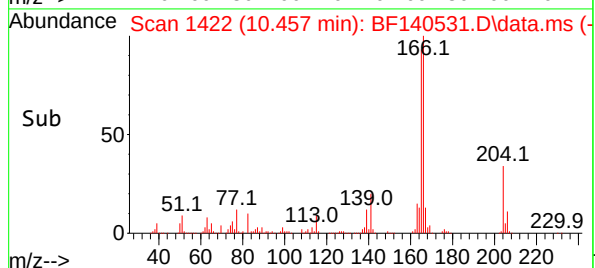
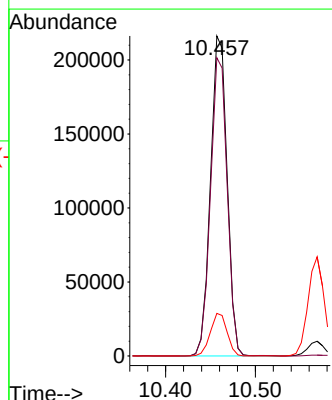
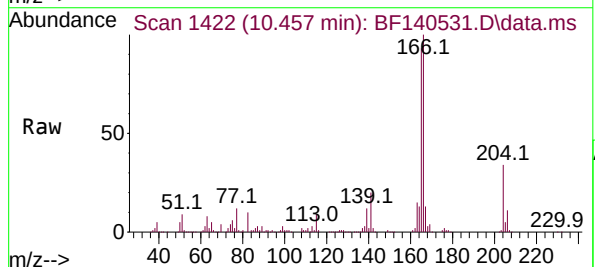
Manual Integrations
APPROVED

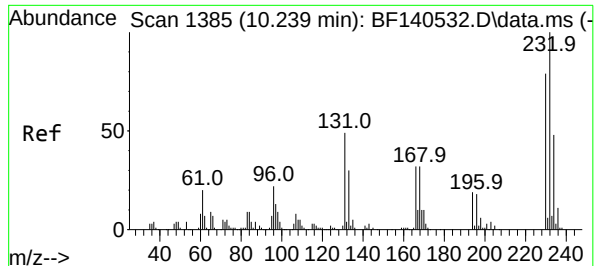
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 21.038 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

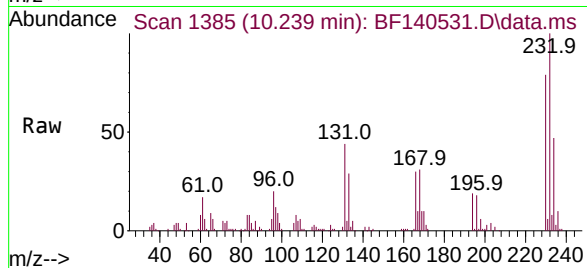
Tgt Ion:166 Resp: 278115
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.072 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

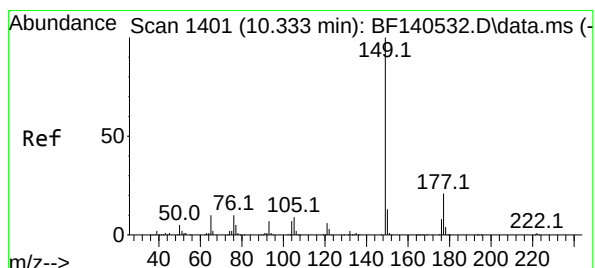
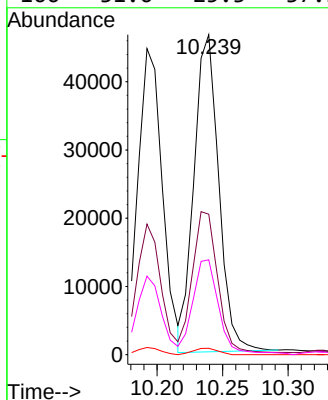
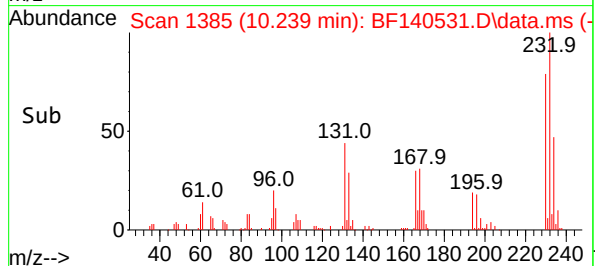
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 6114
Ion Ratio Lower Upper
232 100
131 47.5 39.6 59.4
130 2.0 1.9 2.9
166 31.6 25.3 37.9

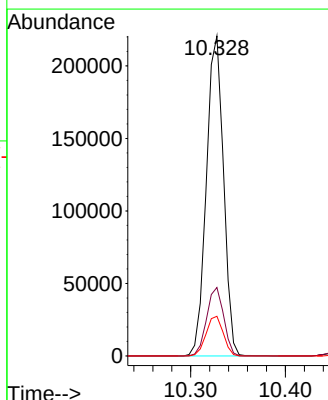
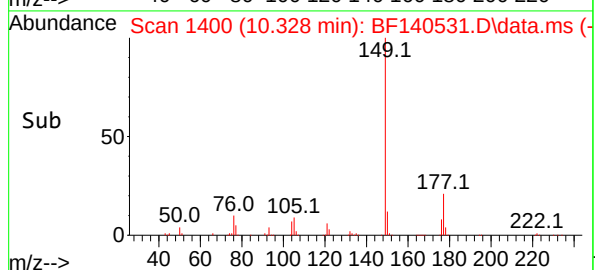
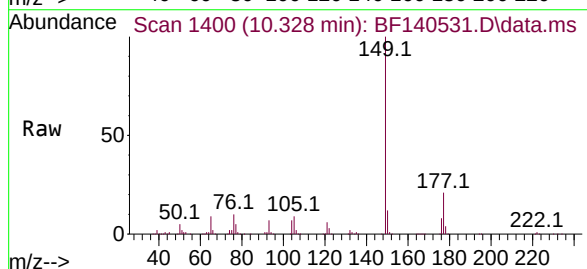
Manual Integrations
APPROVED

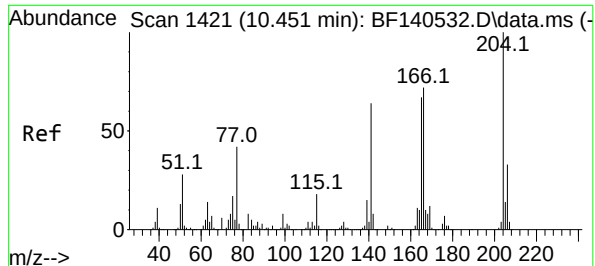
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 20.812 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

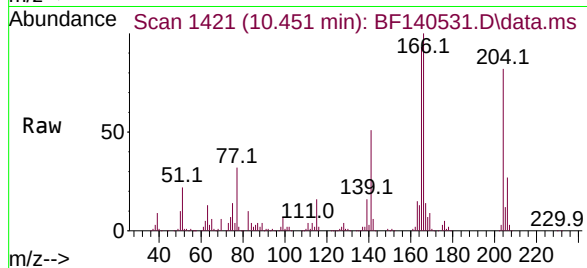
Tgt Ion:149 Resp: 276859
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 20.992 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

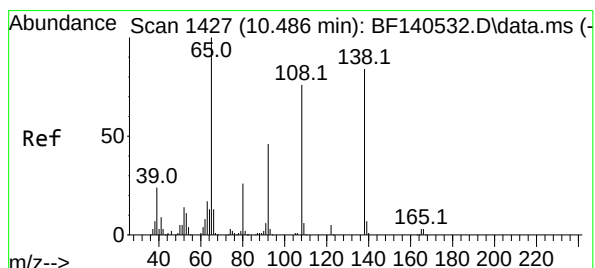
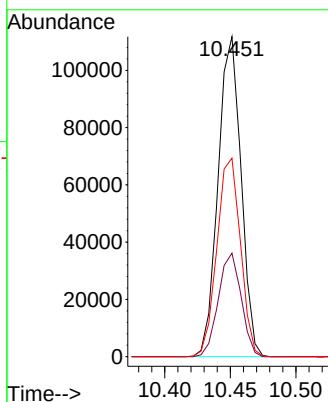
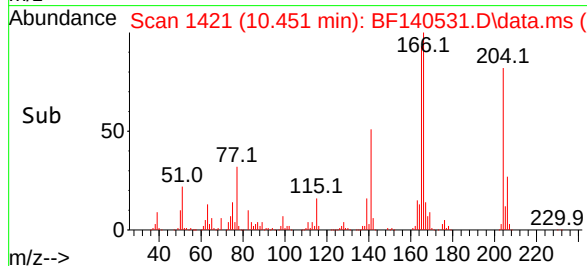
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 136189
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.0 51.1 76.7

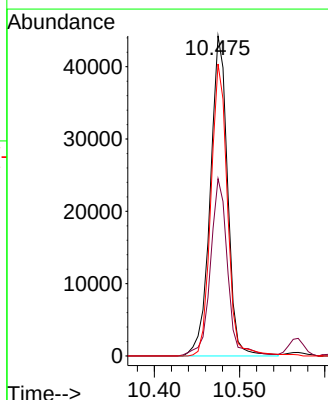
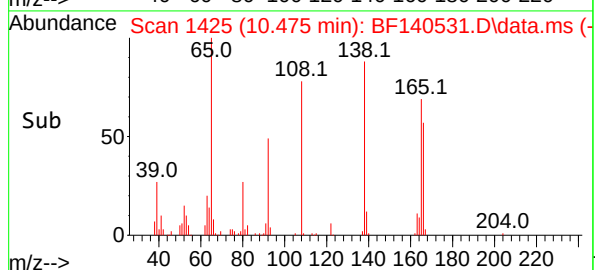
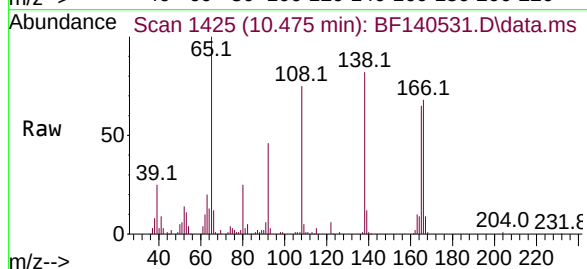
Manual Integrations
APPROVED

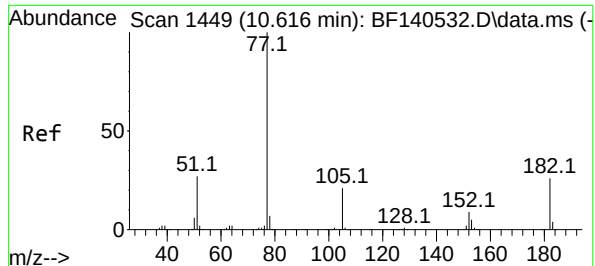
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 20.555 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

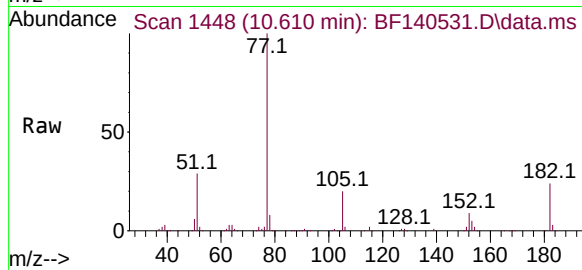
Tgt Ion:138 Resp: 62610
Ion Ratio Lower Upper
138 100
92 55.4 34.5 74.5
108 91.2 70.6 110.6





#63
Azobenzene
Concen: 20.833 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

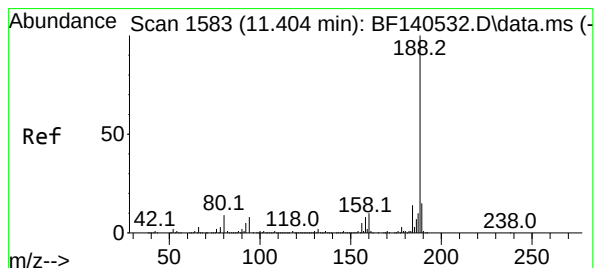
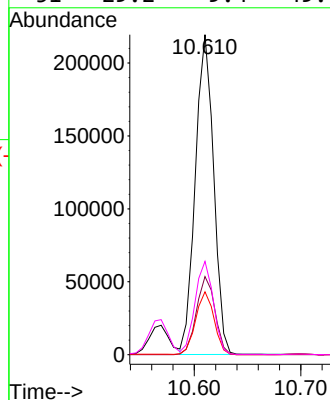
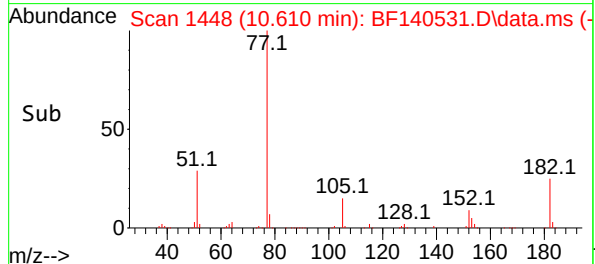
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 262444
Ion Ratio Lower Upper
77 100
182 24.4 5.3 45.3
105 19.7 0.3 40.3
51 29.2 9.4 49.4

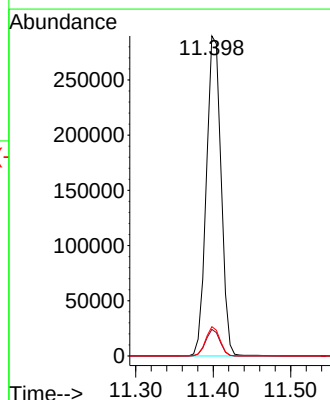
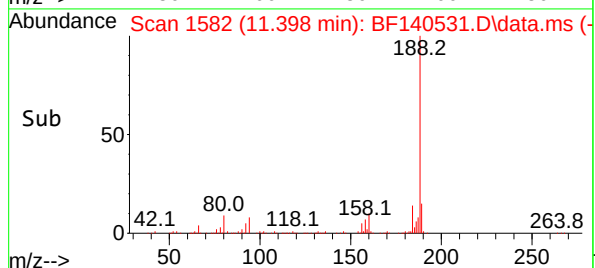
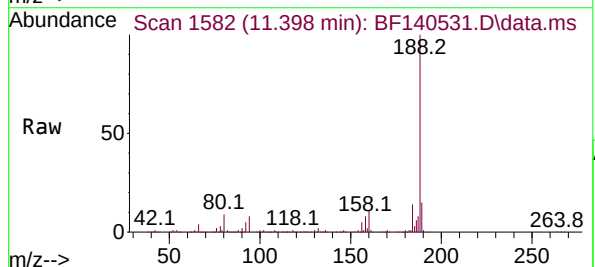
Manual Integrations
APPROVED

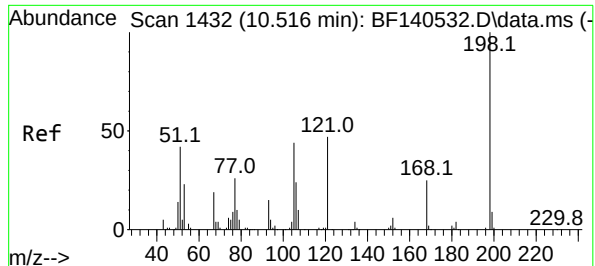
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:188 Resp: 382041
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.1 6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 17.627 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 3441

Ion Ratio Lower Upper

198 100

51 51.1 29.4 69.4

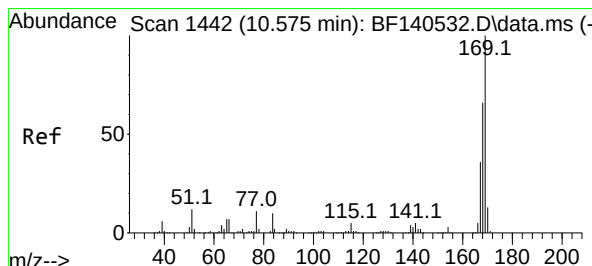
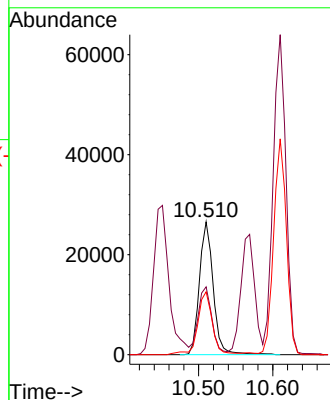
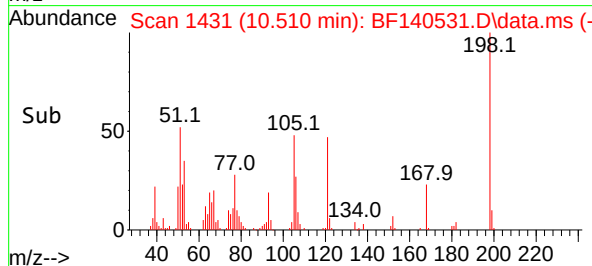
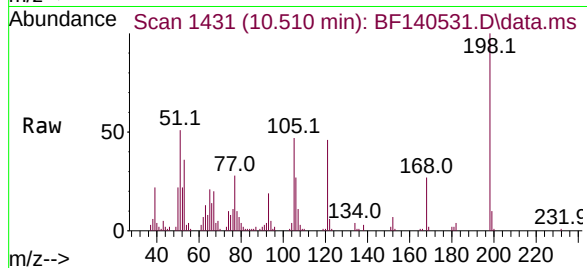
105 47.4 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#66

n-Nitrosodiphenylamine

Concen: 20.187 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

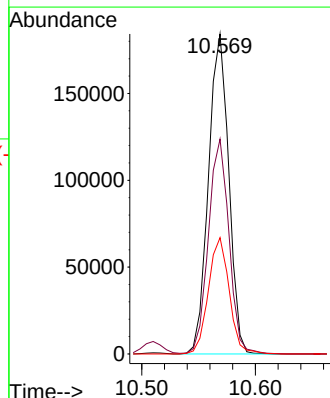
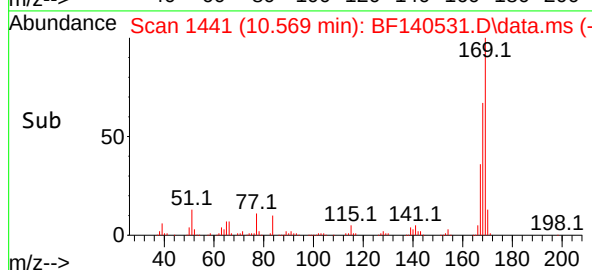
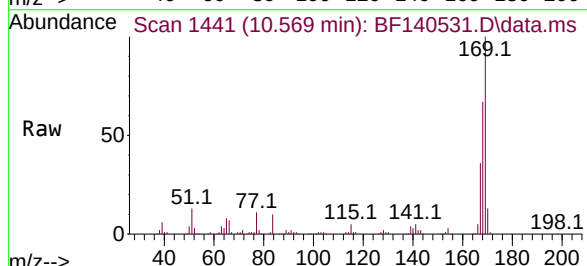
Tgt Ion:169 Resp: 228075

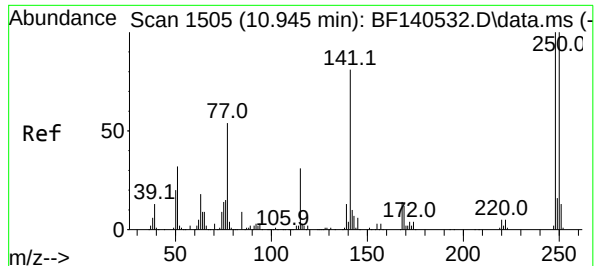
Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

167 36.4 29.0 43.6





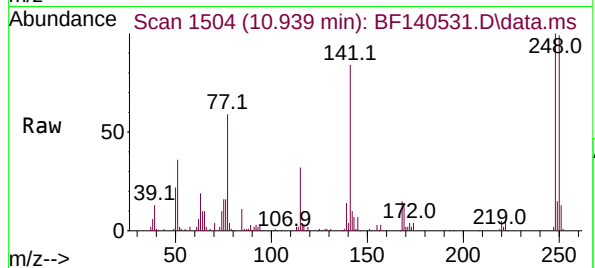
#67
4-Bromophenyl-phenylether
Concen: 20.044 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

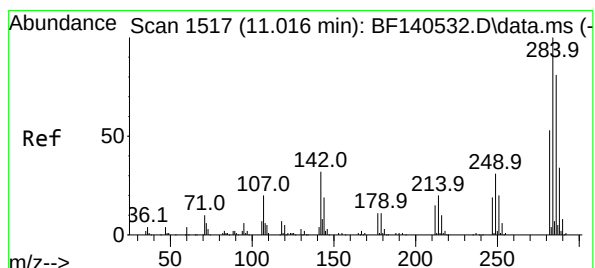
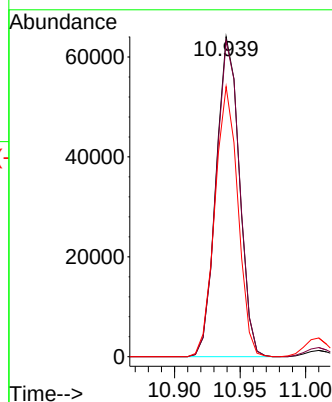
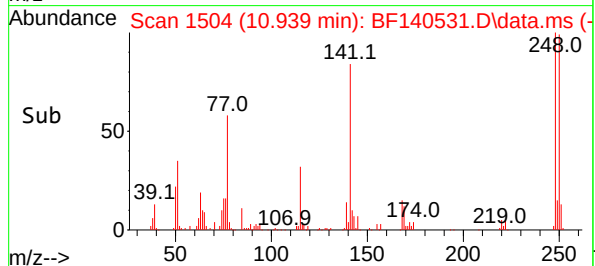


Tgt Ion:248 Resp: 7886
Ion Ratio Lower Upper
248 100
250 98.7 79.8 119.8
141 84.4 64.7 97.1

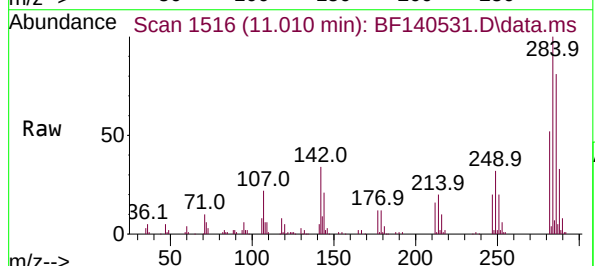
Manual Integrations

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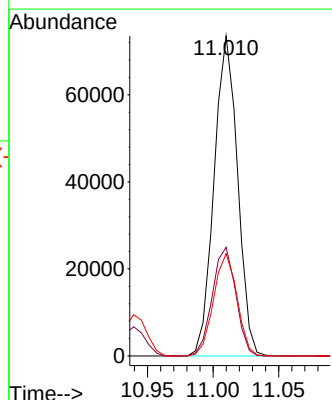
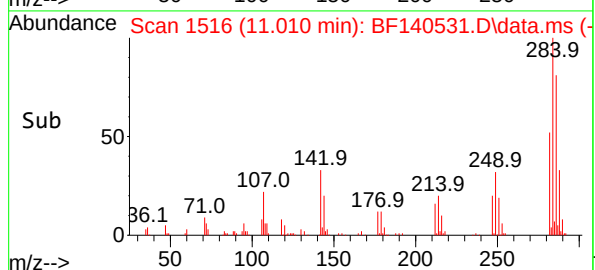
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

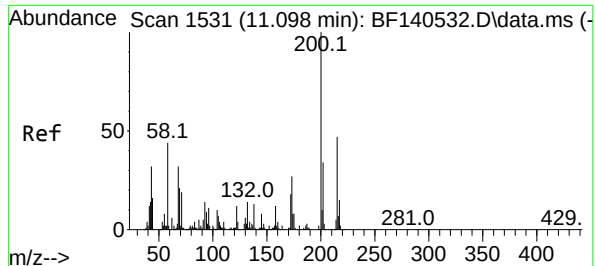


#68
Hexachlorobenzene
Concen: 20.055 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:284 Resp: 91363
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 31.9 24.8 37.2





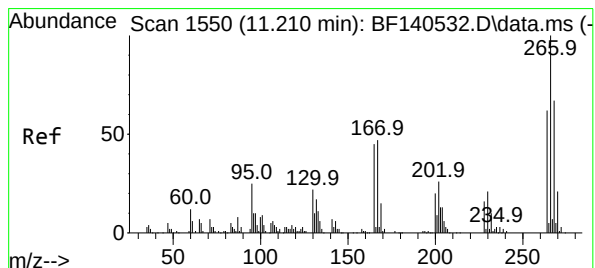
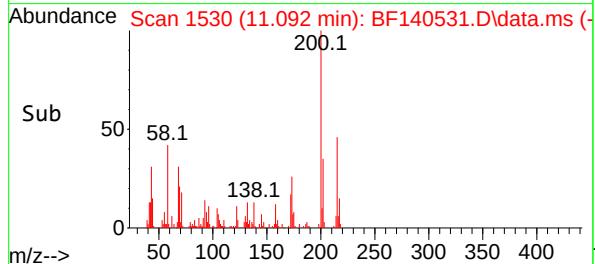
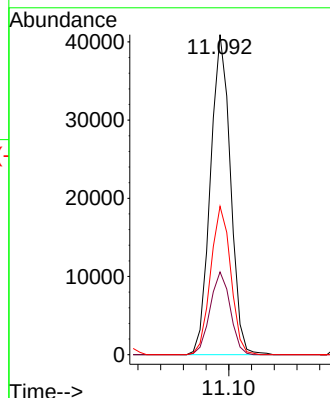
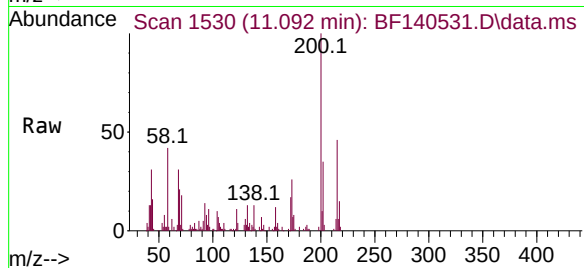
#69
Atrazine
Concen: 15.754 ng
RT: 11.092 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 50070
Ion Ratio Lower Upper
200 100
173 25.9 7.0 47.0
215 46.3 26.7 66.7

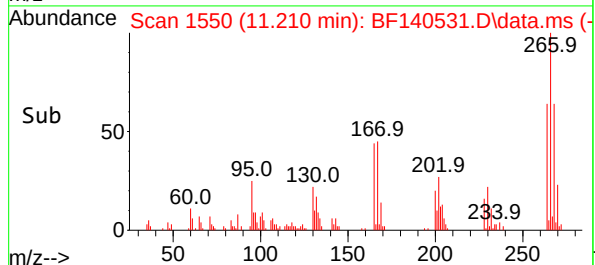
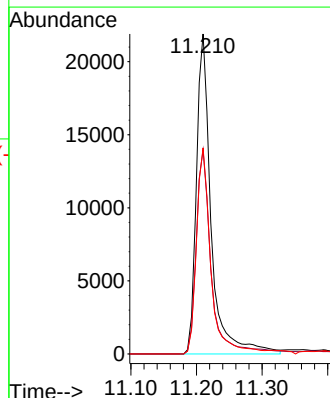
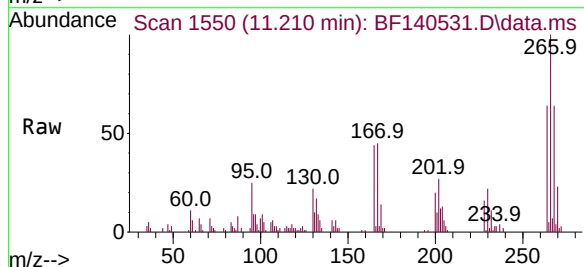
Manual Integrations
APPROVED

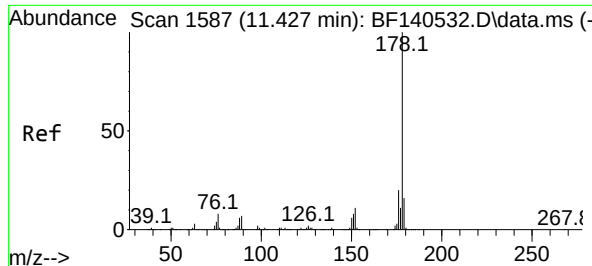
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#70
Pentachlorophenol
Concen: 17.111 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:266 Resp: 34309
Ion Ratio Lower Upper
266 100
268 63.8 53.7 80.5
264 64.4 49.8 74.8





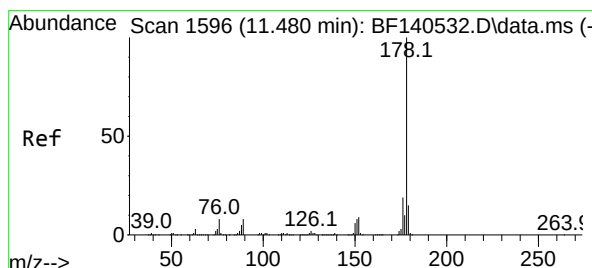
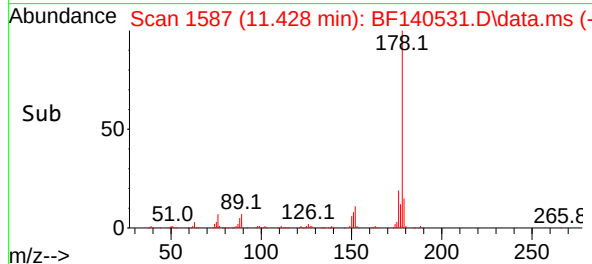
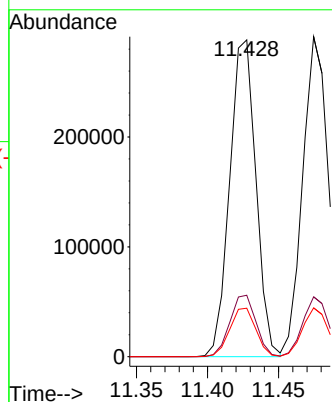
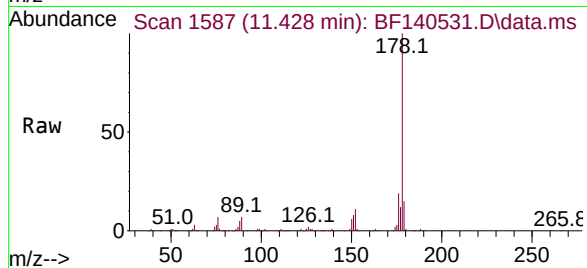
#71
Phenanthrene
Concen: 20.171 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 370424
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.3 12.4 18.6

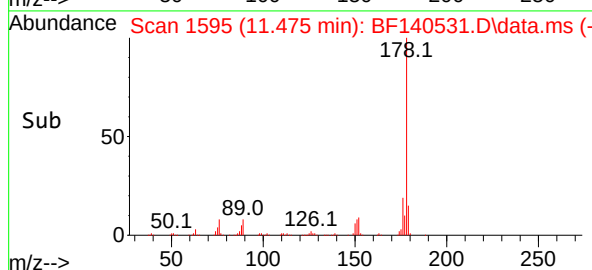
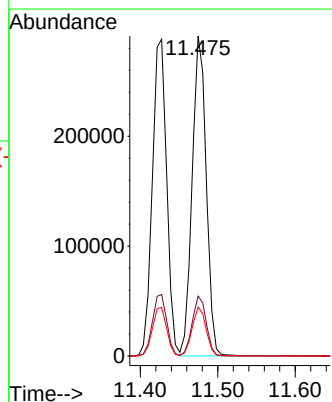
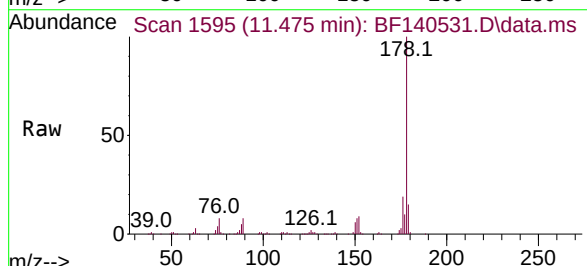
Manual Integrations
APPROVED

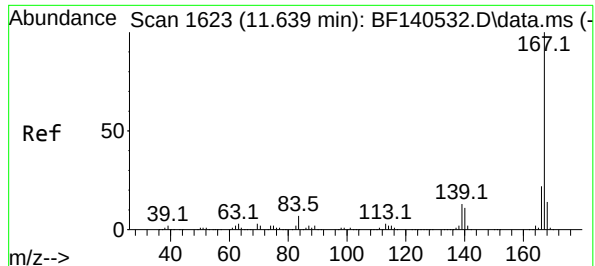
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 20.383 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:178 Resp: 366152
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.4





#73

Carbazole

Concen: 20.567 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140531.D

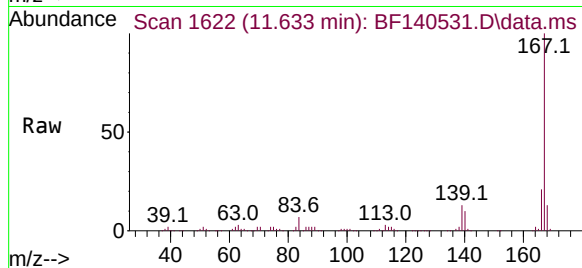
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:167 Resp: 35542

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

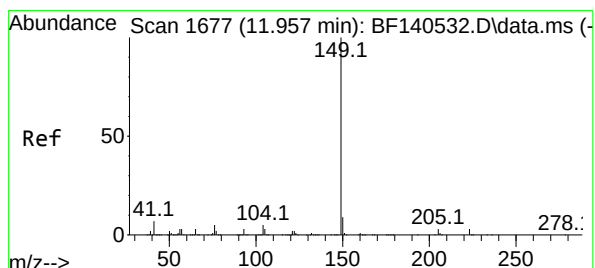
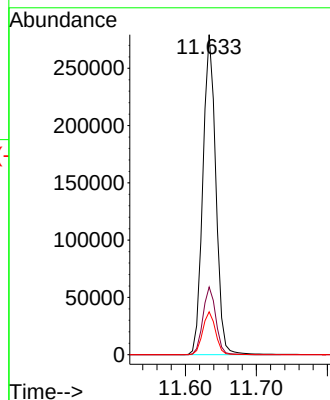
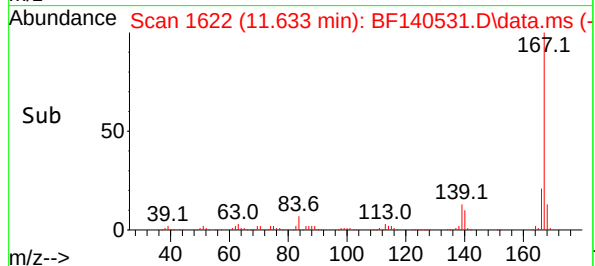
139 13.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#74

Di-n-butylphthalate

Concen: 20.566 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

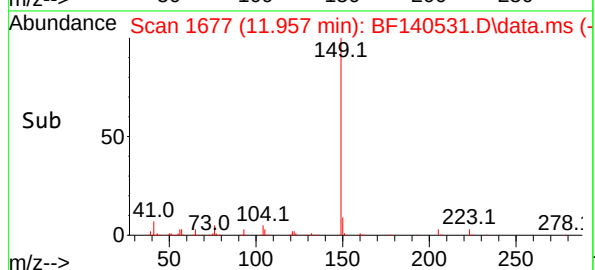
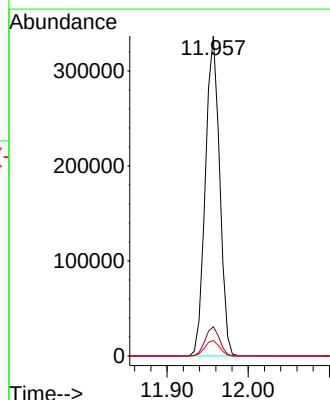
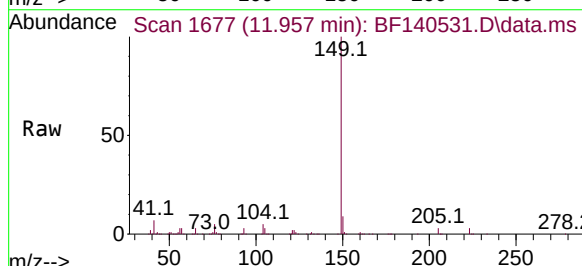
Tgt Ion:149 Resp: 410317

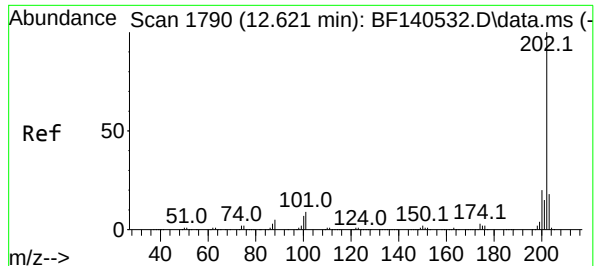
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

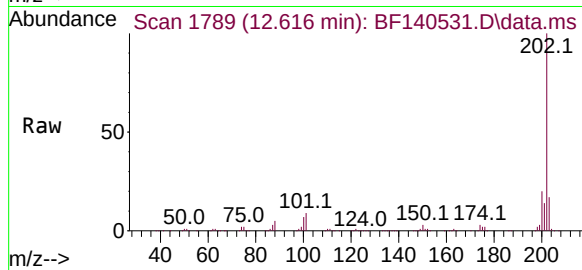
104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 21.335 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

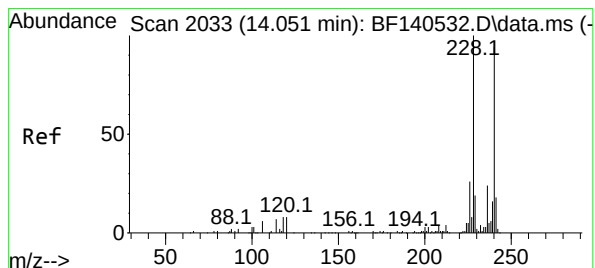
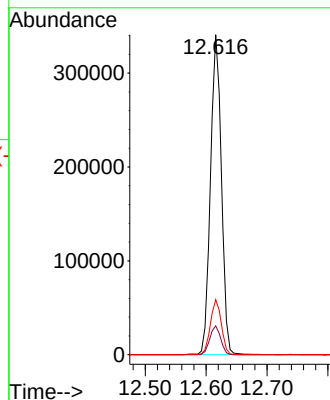
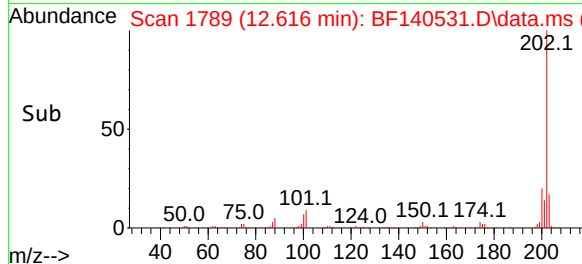
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 425403
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.2 0.0 37.6

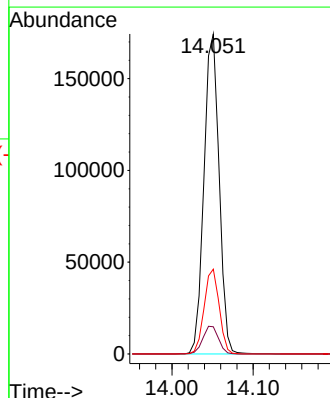
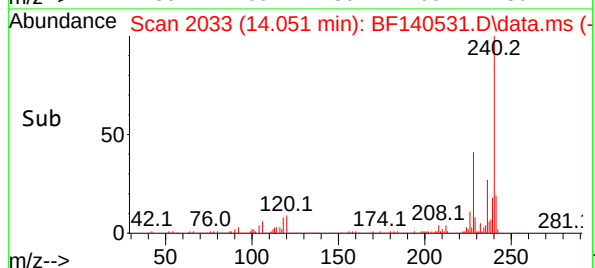
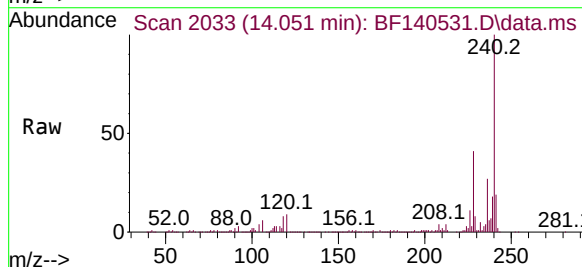
Manual Integrations
APPROVED

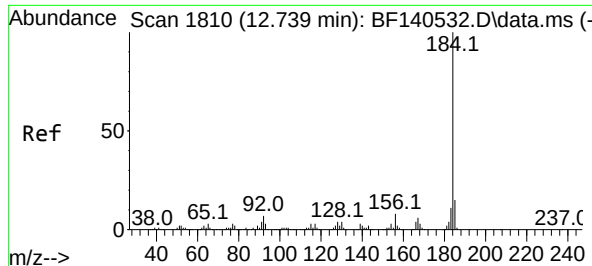
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

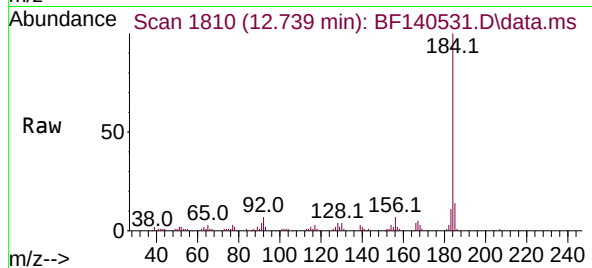
Tgt Ion:240 Resp: 225903
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 26.5 20.6 31.0





#77
Benzidine
Concen: 10.185 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

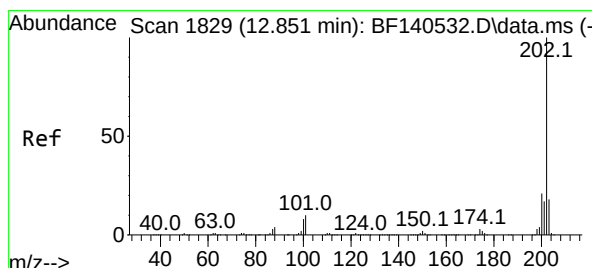
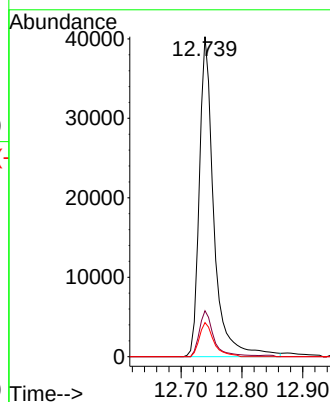
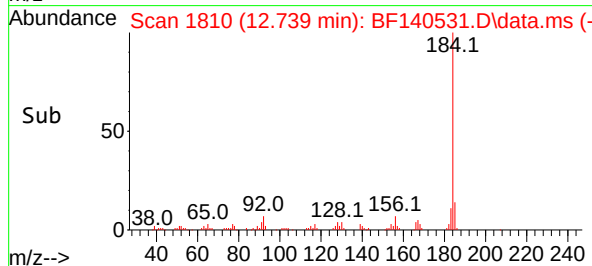
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 6689
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.6 8.8 13.2

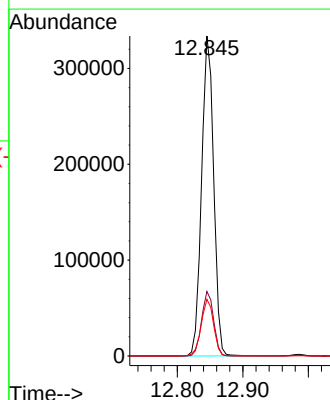
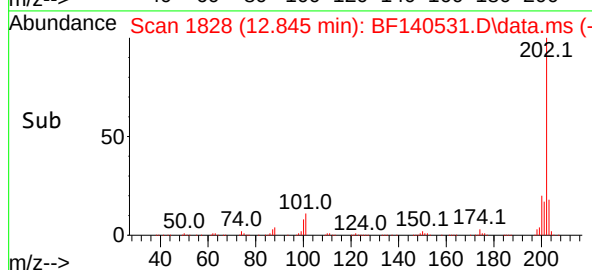
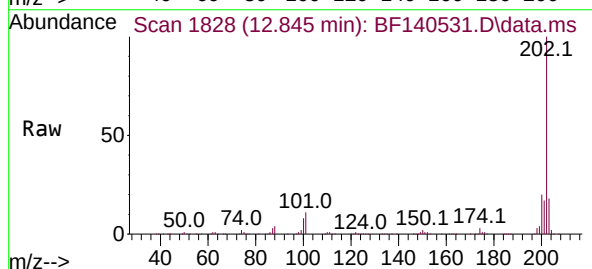
Manual Integrations
APPROVED

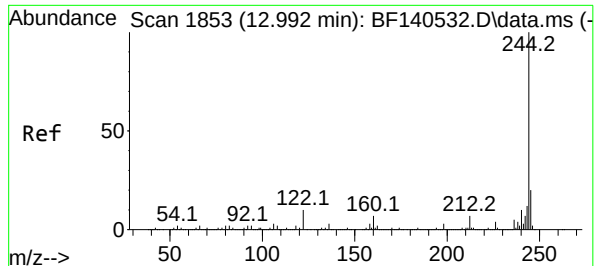
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 20.514 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

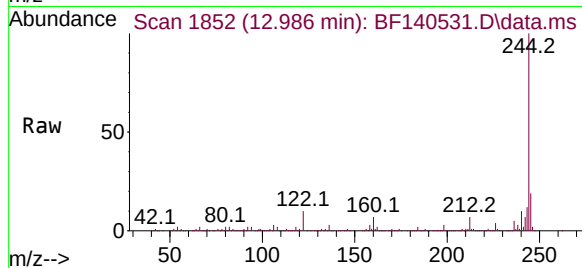
Tgt Ion:202 Resp: 428479
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79
Terphenyl-d14
Concen: 40.721 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

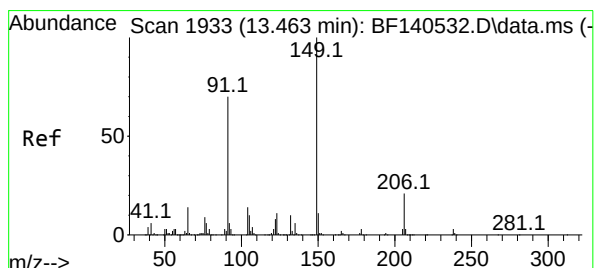
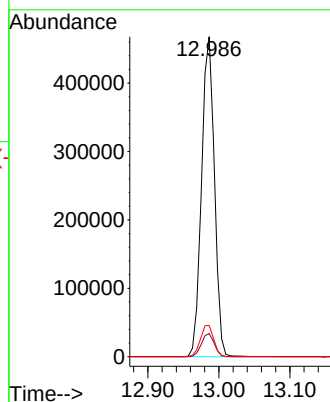
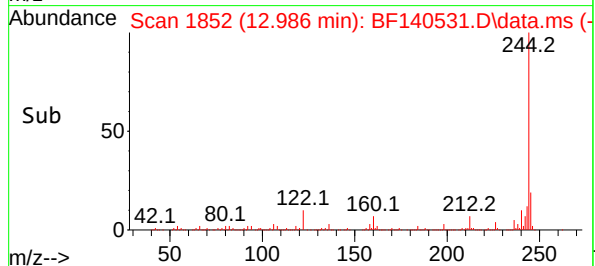
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 590775
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.7 8.0 12.0

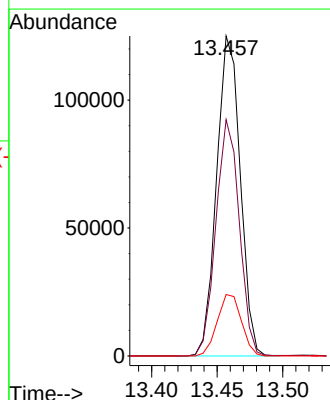
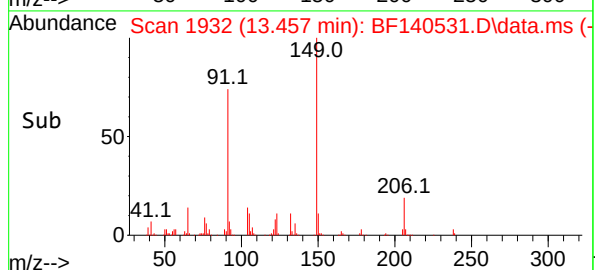
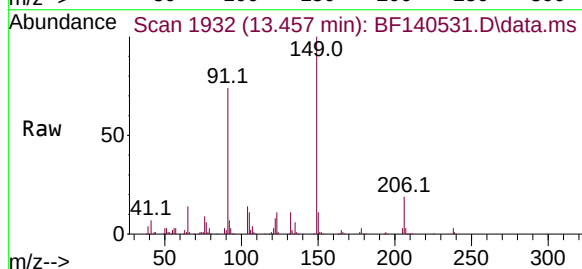
Manual Integrations
APPROVED

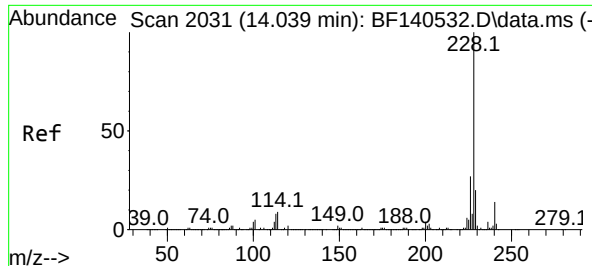
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#80
Butylbenzylphthalate
Concen: 20.835 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

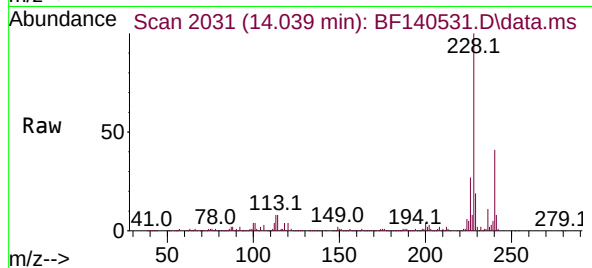
Tgt Ion:149 Resp: 156775
Ion Ratio Lower Upper
149 100
91 73.8 56.2 84.2
206 19.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 20.825 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

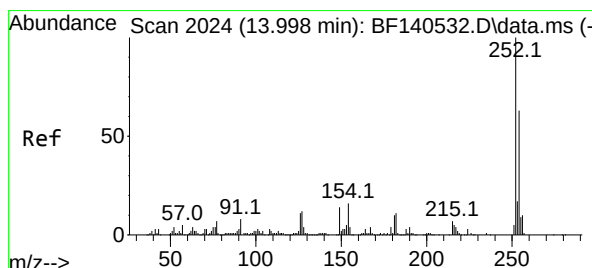
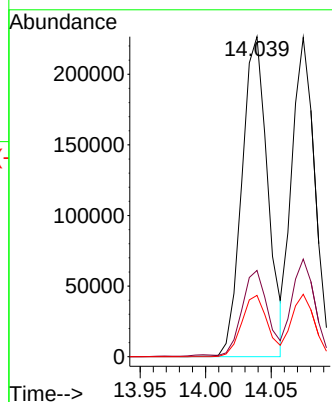
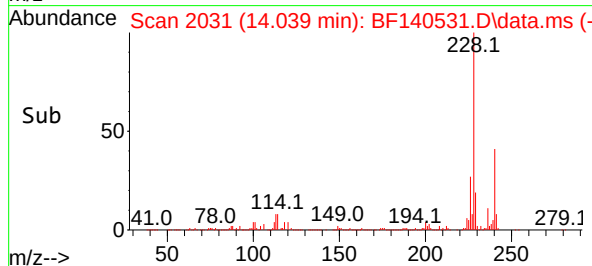
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 311410
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.2 15.8 23.6

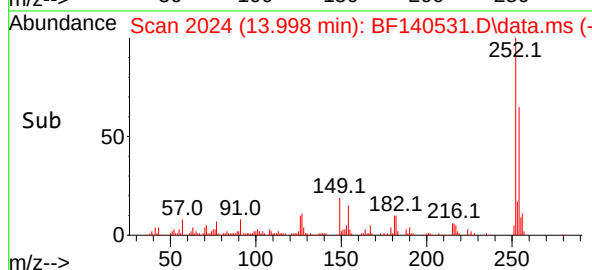
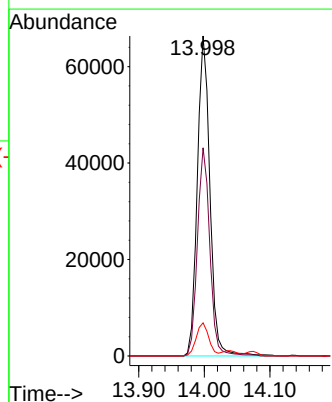
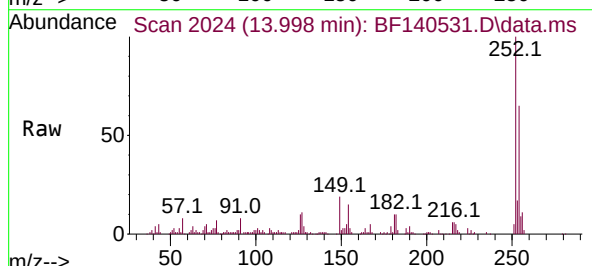
Manual Integrations
APPROVED

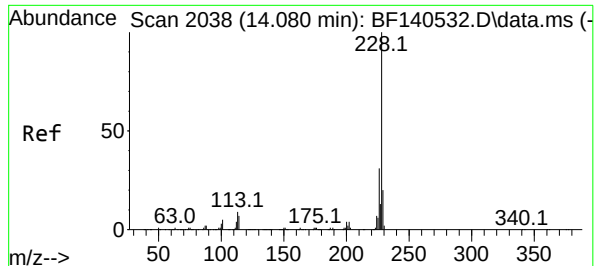
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 19.791 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

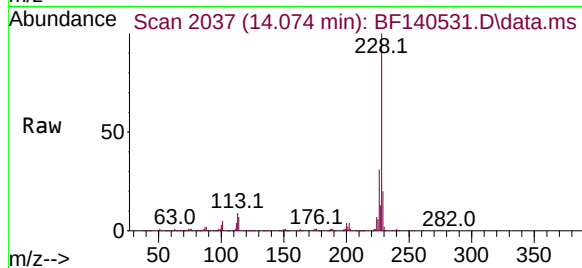
Tgt Ion:252 Resp: 88858
Ion Ratio Lower Upper
252 100
254 65.0 50.8 76.2
126 10.4 8.6 13.0





#83
Chrysene
Concen: 20.117 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

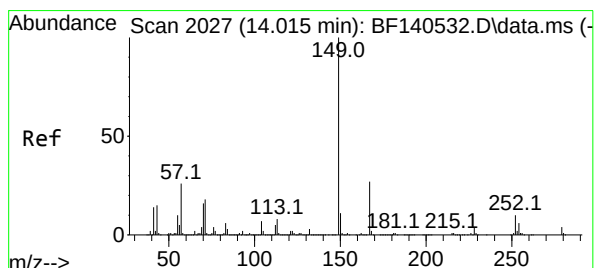
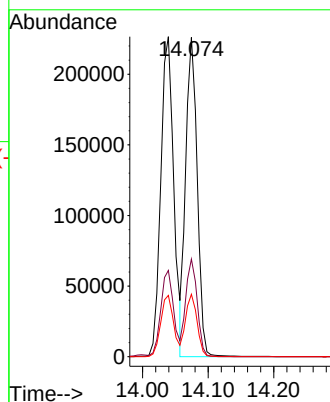
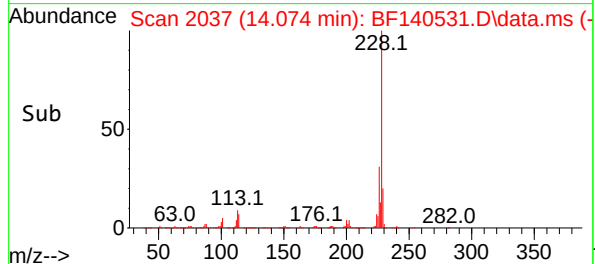
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 275068
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.6 15.8 23.6

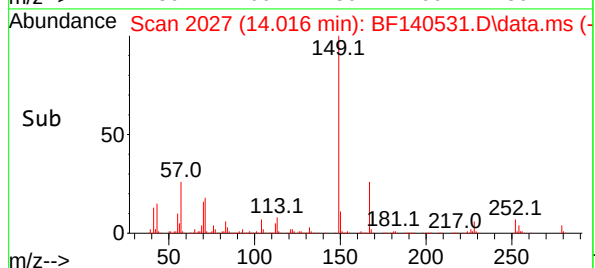
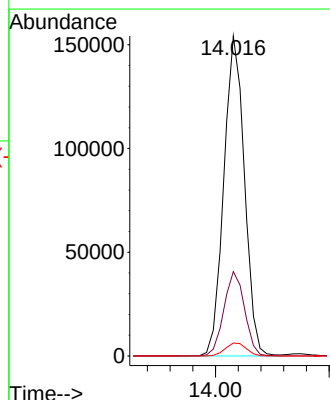
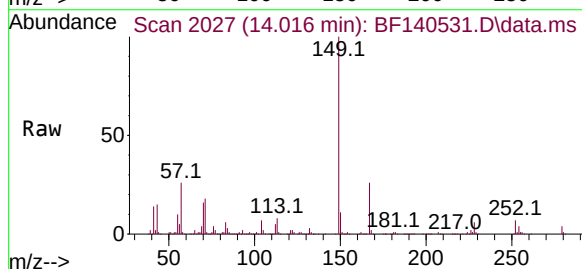
Manual Integrations
APPROVED

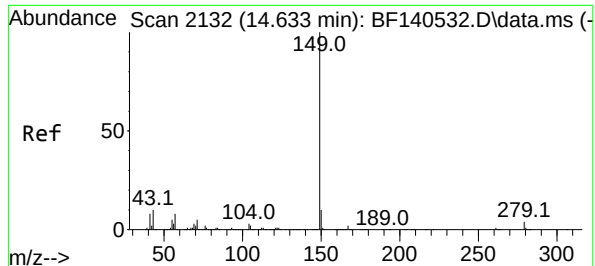
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.484 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

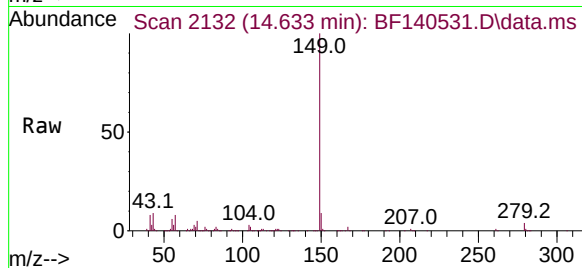
Tgt Ion:149 Resp: 194626
Ion Ratio Lower Upper
149 100
167 26.4 21.2 31.8
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 19.953 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

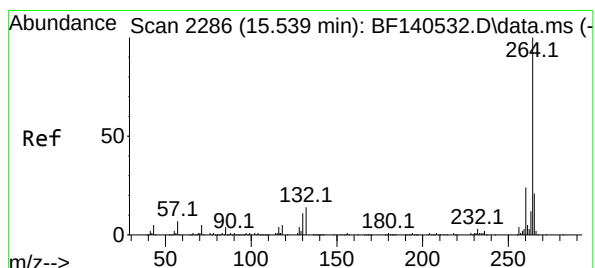
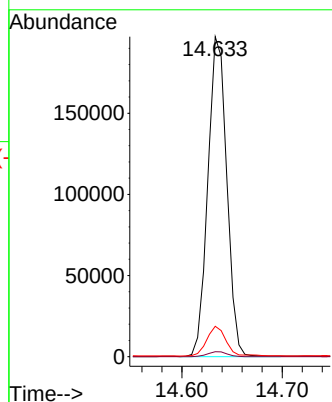
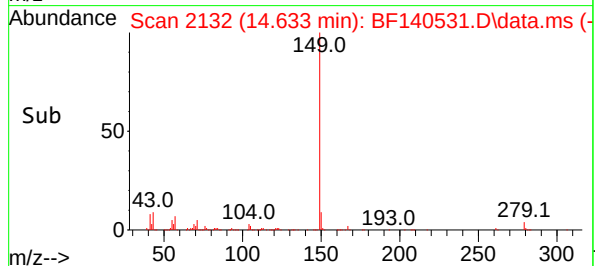
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



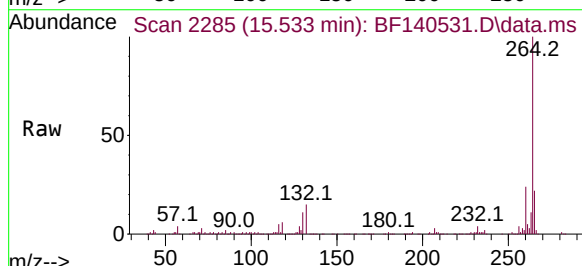
Tgt Ion:149 Resp: 259088
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.7 11.5

Manual Integrations
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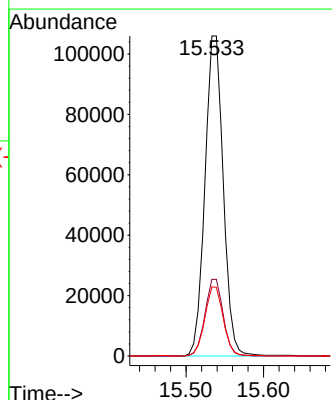
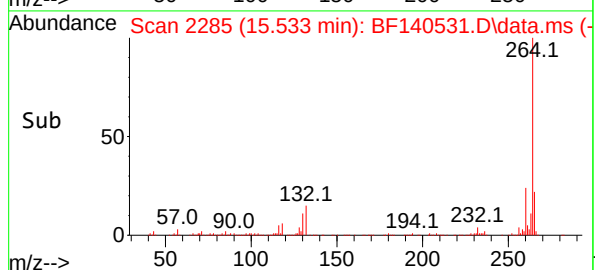
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

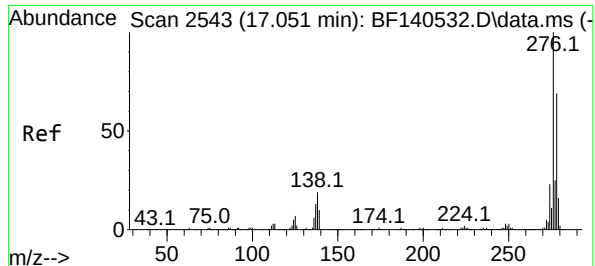


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



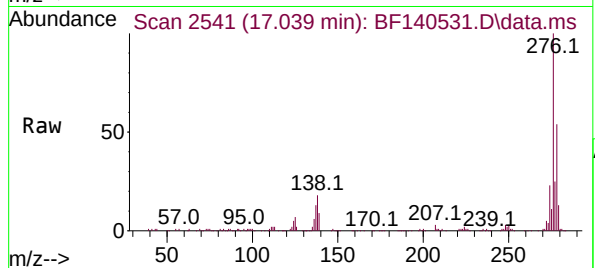
Tgt Ion:264 Resp: 173612
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.6 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.930 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

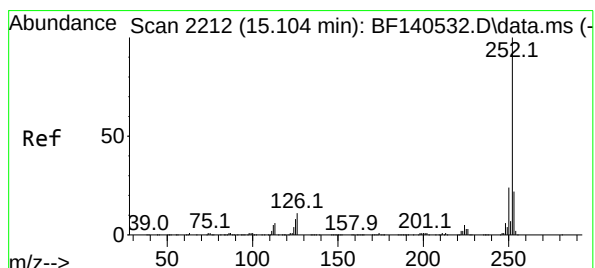
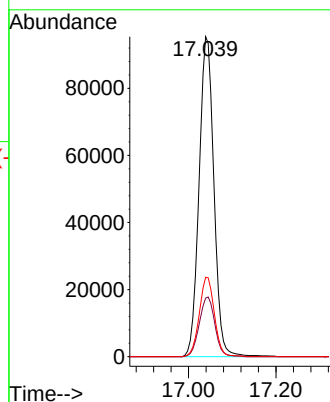
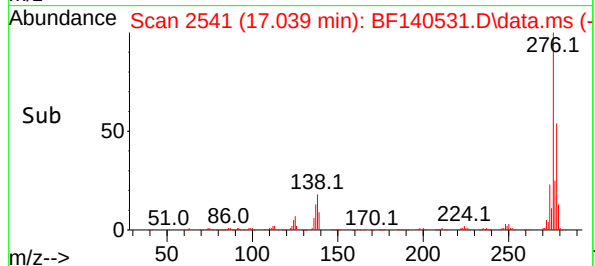
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 225489
Ion Ratio Lower Upper
276 100
138 19.6 15.5 23.3
277 25.2 20.1 30.1

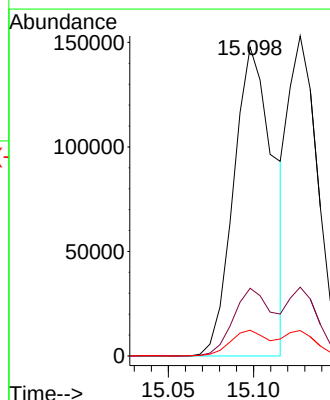
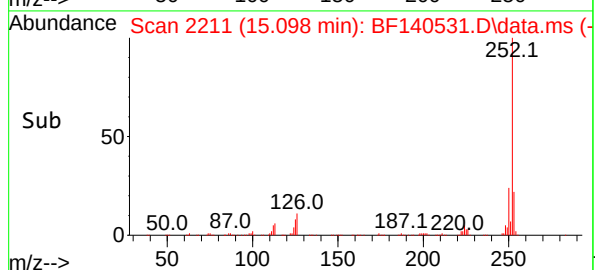
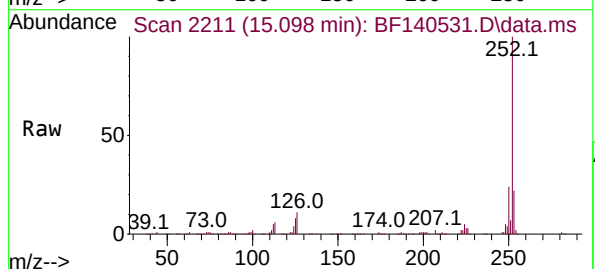
Manual Integrations
APPROVED

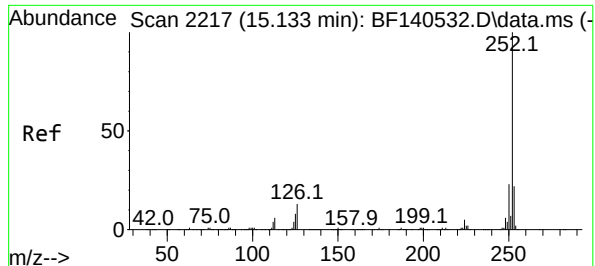
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#88
Benzo(b)fluoranthene
Concen: 21.977 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:252 Resp: 239653
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 19.261 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 18379

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

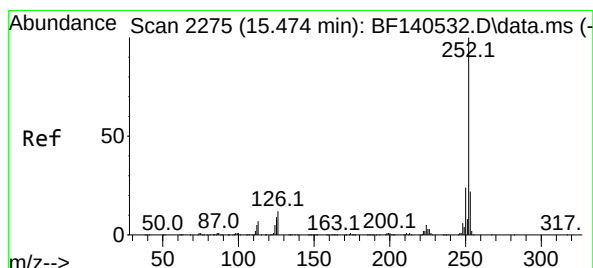
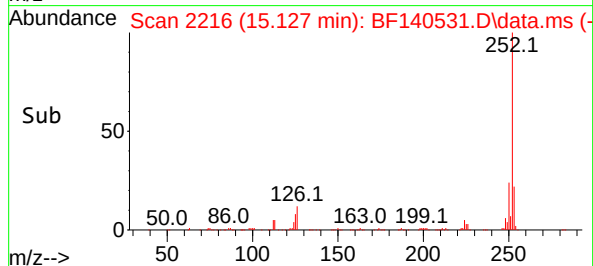
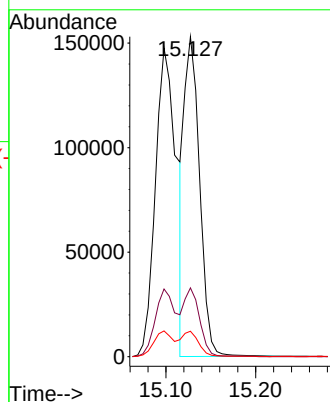
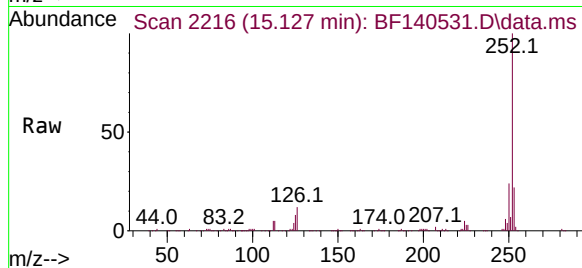
125 8.0 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 20.812 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

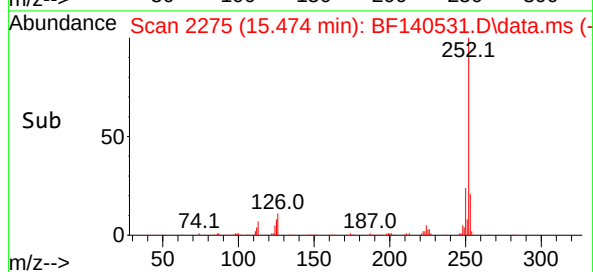
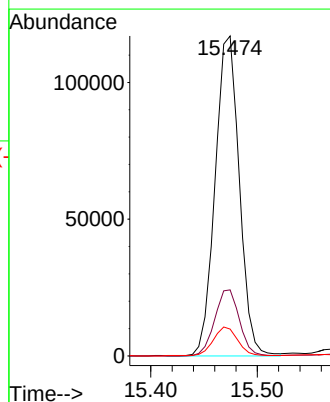
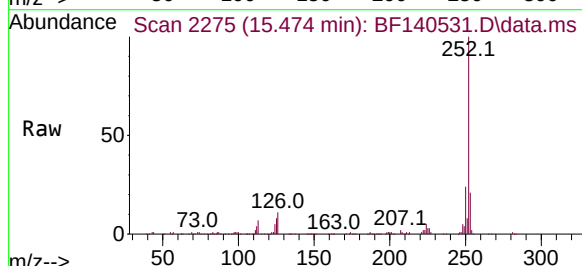
Tgt Ion:252 Resp: 184528

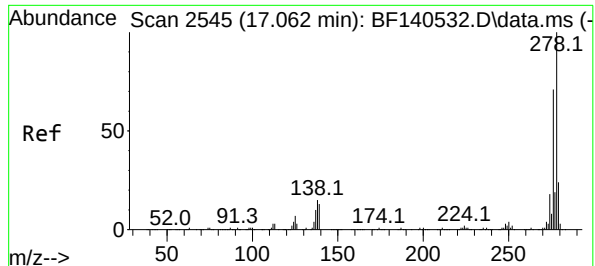
Ion Ratio Lower Upper

252 100

253 20.7 17.3 25.9

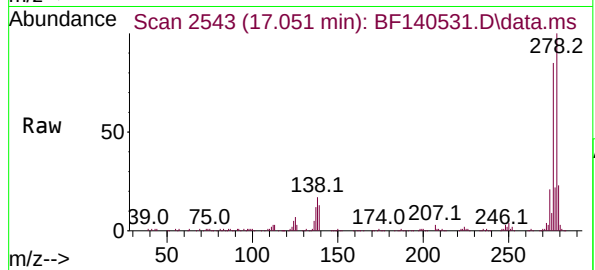
125 8.4 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 19.926 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

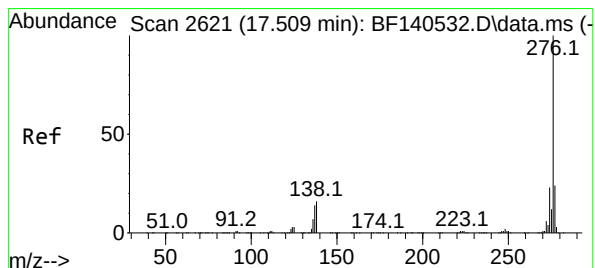
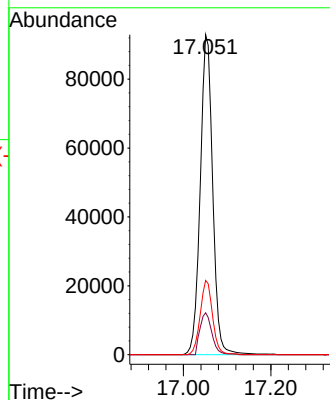
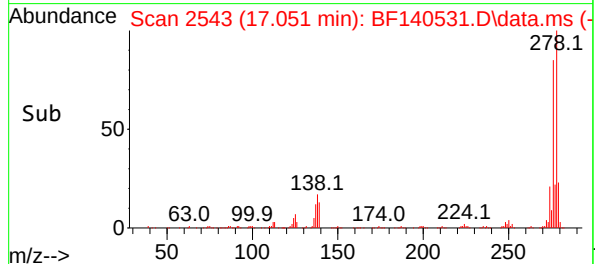
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 184632
Ion Ratio Lower Upper
278 100
139 13.1 10.2 15.4
279 23.2 18.9 28.3

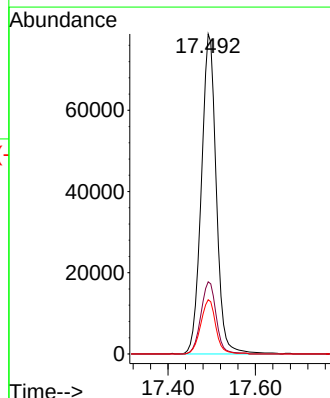
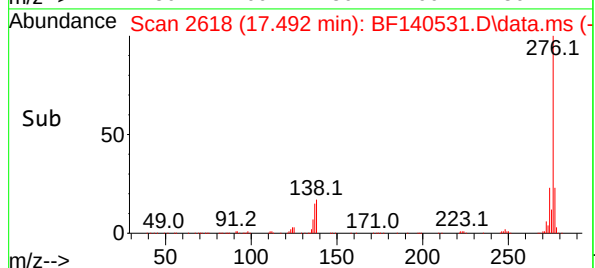
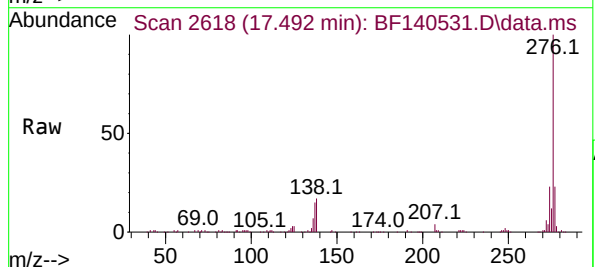
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 19.795 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:276 Resp: 187164
Ion Ratio Lower Upper
276 100
277 22.5 18.9 28.3
138 17.0 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140532.D
 Acq On : 21 Nov 2024 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:12:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	107516	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	413408	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	234407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	437466	20.000	ng	0.00
76) Chrysene-d12	14.051	240	239343	20.000	ng	0.00
86) Perylene-d12	15.539	264	211422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	504816	80.111	ng	0.00
7) Phenol-d6	6.516	99	688812	82.684	ng	0.00
23) Nitrobenzene-d5	7.439	82	648845	80.281	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	202517	80.781	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1210929	76.969	ng	0.00
79) Terphenyl-d14	12.992	244	1228064	79.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	105183	39.700	ng	100
3) Pyridine	3.422	79	256255	43.959	ng	100
4) n-Nitrosodimethylamine	3.381	42	139435	40.698	ng	100
6) Aniline	6.540	93	268994	45.875	ng	100
8) 2-Chlorophenol	6.663	128	275937	40.702	ng	100
9) Benzaldehyde	6.428	77	158653	35.975	ng	100
10) Phenol	6.528	94	358490	42.137	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	267847	41.142	ng	100
12) 1,3-Dichlorobenzene	6.816	146	300744	39.480	ng	100
13) 1,4-Dichlorobenzene	6.892	146	307112	39.817	ng	100
14) 1,2-Dichlorobenzene	7.045	146	291347	40.311	ng	100
15) Benzyl Alcohol	7.016	79	263144	42.594	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314582	40.901	ng	100
17) 2-Methylphenol	7.134	107	223977	41.272	ng	100
18) Hexachloroethane	7.387	117	115481	40.087	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	203356	41.304	ng	100
20) 3+4-Methylphenols	7.287	107	289597	41.517	ng	100
22) Acetophenone	7.287	105	397747	39.464	ng	100
24) Nitrobenzene	7.457	77	331927	39.736	ng	100
25) Isophorone	7.698	82	546985	40.576	ng	100
26) 2-Nitrophenol	7.775	139	149133	40.287	ng	100
27) 2,4-Dimethylphenol	7.810	122	185514	41.885	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	328053	39.946	ng	100
29) 2,4-Dichlorophenol	8.016	162	233140	39.725	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	261862	39.078	ng	100
31) Naphthalene	8.181	128	837233	39.318	ng	100
32) Benzoic acid	7.939	122	146245	39.450	ng	100
33) 4-Chloroaniline	8.228	127	268662	42.139	ng	100
34) Hexachlorobutadiene	8.292	225	175198	39.473	ng	100
35) Caprolactam	8.604	113	74771	41.168	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	270395	41.150	ng	100
37) 2-Methylnaphthalene	8.869	142	537039	39.707	ng	100
38) 1-Methylnaphthalene	8.969	142	527387	39.781	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	263939	38.462	ng	100
41) Hexachlorocyclopentadiene	9.016	237	53531	38.833	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	171374	39.799	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140532.D
 Acq On : 21 Nov 2024 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:12:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	189287	40.504	ng	100
46) 1,1'-Biphenyl	9.333	154	678172	38.750	ng	100
47) 2-Chloronaphthalene	9.357	162	518320	39.086	ng	100
48) 2-Nitroaniline	9.457	65	172005	40.410	ng	100
49) Acenaphthylene	9.775	152	779390	38.899	ng	100
50) Dimethylphthalate	9.633	163	608948	39.445	ng	100
51) 2,6-Dinitrotoluene	9.698	165	140922	40.249	ng	100
52) Acenaphthene	9.945	154	498119m	38.394	ng	
53) 3-Nitroaniline	9.869	138	140859	41.134	ng	100
54) 2,4-Dinitrophenol	9.980	184	65546	40.435	ng	100
55) Dibenzofuran	10.122	168	760308	39.153	ng	100
56) 4-Nitrophenol	10.039	139	97133	41.591	ng	100
57) 2,4-Dinitrotoluene	10.104	165	189213	40.662	ng	100
58) Fluorene	10.463	166	607198	38.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	146383	40.757	ng	100
60) Diethylphthalate	10.333	149	614490	39.176	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	299662	39.175	ng	100
62) 4-Nitroaniline	10.486	138	146354	40.750	ng	100
63) Azobenzene	10.616	77	579042	38.983	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	96120	42.998	ng	100
66) n-Nitrosodiphenylamine	10.575	169	505450	39.070	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	174746	38.787	ng	100
68) Hexachlorobenzene	11.016	284	204123	39.129	ng	100
69) Atrazine	11.098	200	122413	33.635	ng	100
70) Pentachlorophenol	11.210	266	101542	44.226	ng	100
71) Phenanthrene	11.427	178	826269	39.293	ng	100
72) Anthracene	11.480	178	808988	39.329	ng	100
73) Carbazole	11.639	167	778112	39.322	ng	100
74) Di-n-butylphthalate	11.957	149	895236	39.186	ng	100
75) Fluoranthene	12.621	202	886900	38.845	ng	100
77) Benzidine	12.739	184	275047	39.525	ng	100
78) Pyrene	12.851	202	887193	40.090	ng	100
80) Butylbenzylphthalate	13.463	149	324879	40.751	ng	100
81) Benzo(a)anthracene	14.039	228	615808	38.868	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	197667	41.554	ng	100
83) Chrysene	14.080	228	575079	39.696	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	398677	39.604	ng	100
85) Di-n-octyl phthalate	14.633	149	541933	39.393	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	551596	40.034	ng	100
88) Benzo(b)fluoranthene	15.104	252	501607	37.772	ng	100
89) Benzo(k)fluoranthene	15.133	252	465620	40.067	ng	100
90) Benzo(a)pyrene	15.474	252	425894	39.444	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	451597	40.022	ng	100
92) Benzo(g,h,i)perylene	17.509	276	458972	39.861	ng	100

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

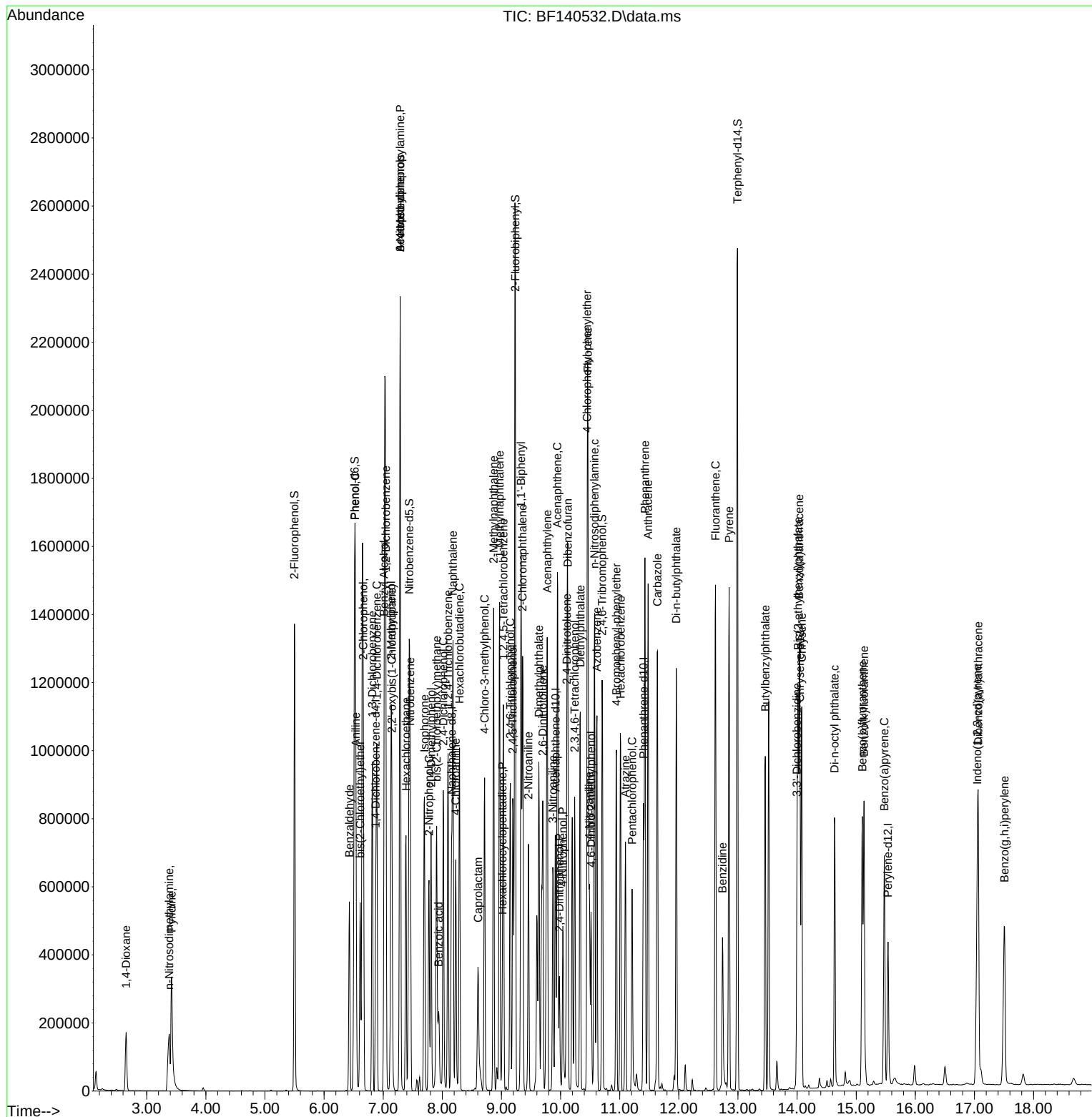
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140532.D
Acq On : 21 Nov 2024 12:58
Operator : RC/JU
Sample : SSTDICC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

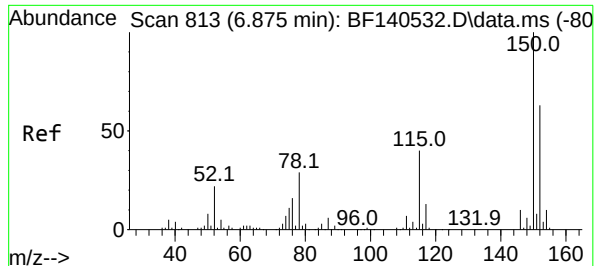
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

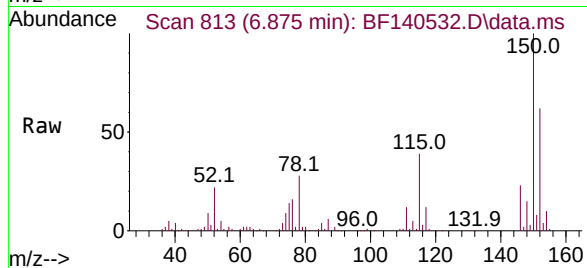
Quant Time: Nov 21 15:12:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

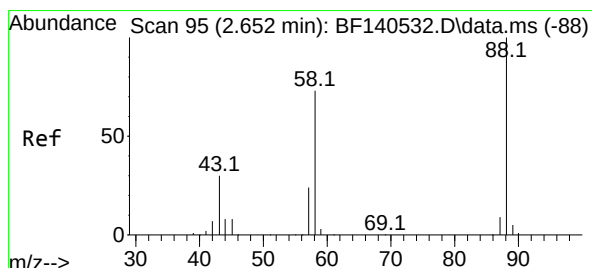
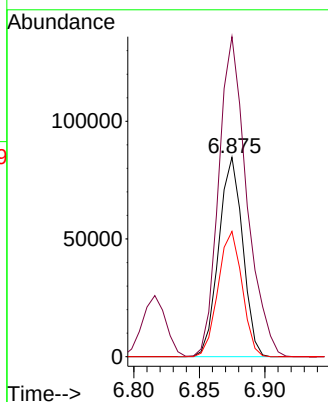
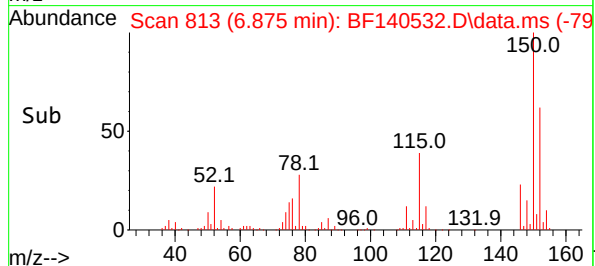
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 107510
Ion Ratio Lower Upper
152 100
150 160.6 128.5 192.7
115 62.8 50.2 75.4

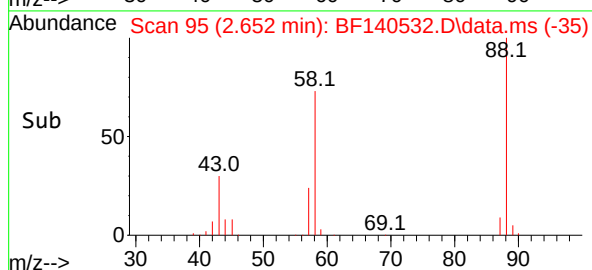
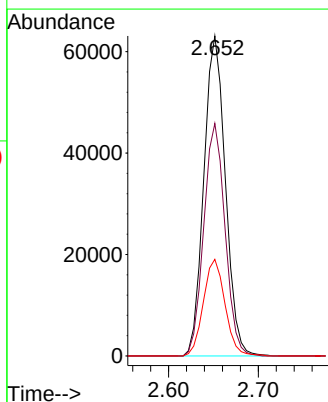
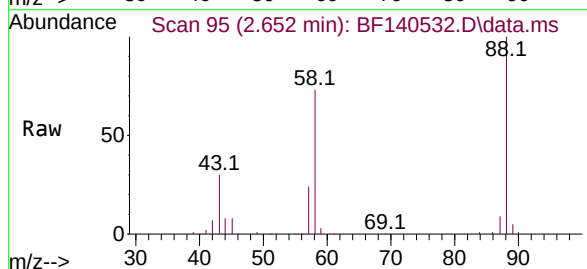
Manual Integrations
APPROVED

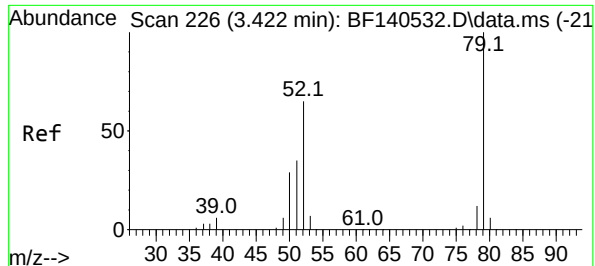
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 39.700 ng
RT: 2.652 min Scan# 95
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 88 Resp: 105183
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 30.4 24.3 36.5





#3

Pyridine

Concen: 43.959 ng

RT: 3.422 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 25625

Ion Ratio Lower Upper

79 100

52 65.1 52.1 78.1

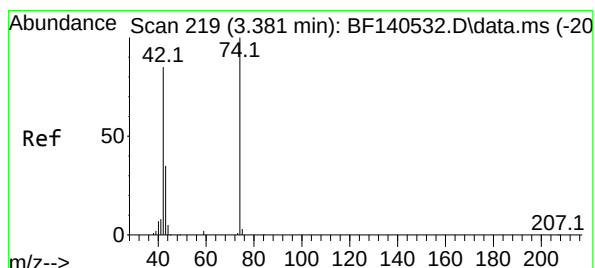
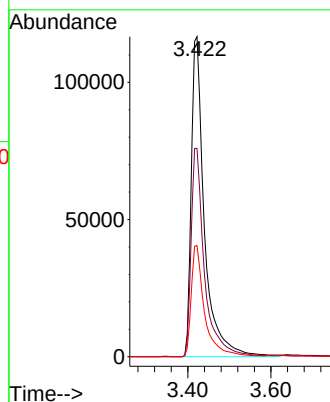
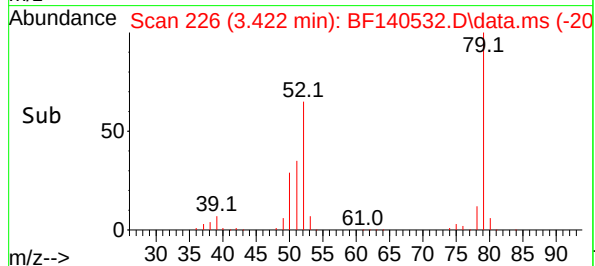
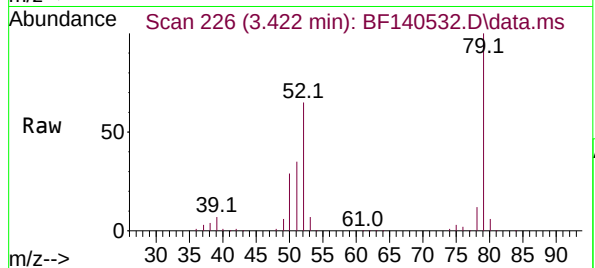
51 34.8 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 40.698 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

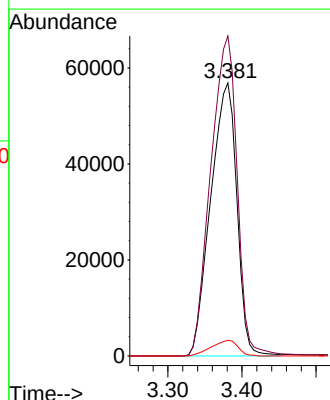
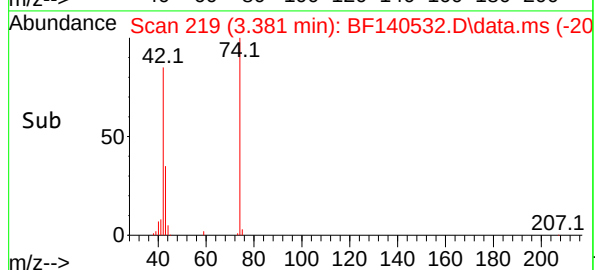
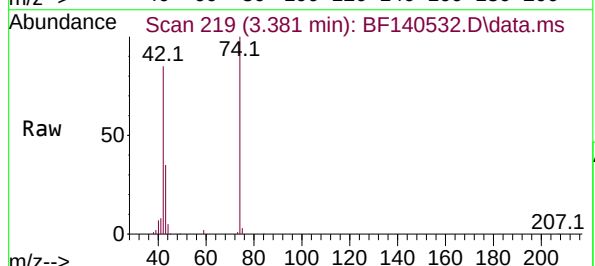
Tgt Ion: 42 Resp: 139435

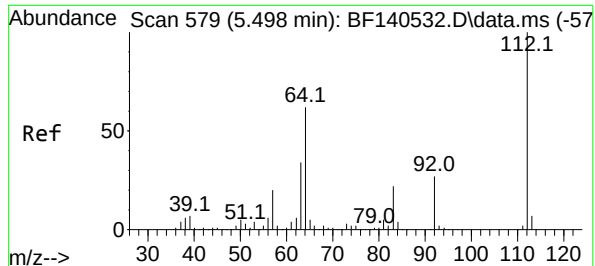
Ion Ratio Lower Upper

42 100

74 117.2 93.8 140.6

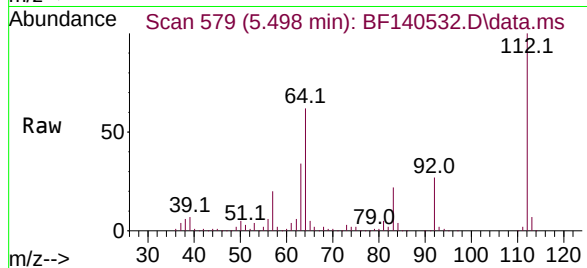
44 5.7 4.6 6.8





#5
2-Fluorophenol
Concen: 80.111 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

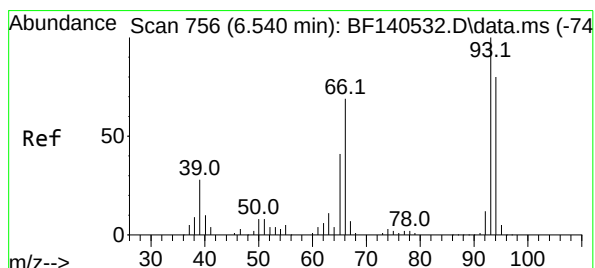
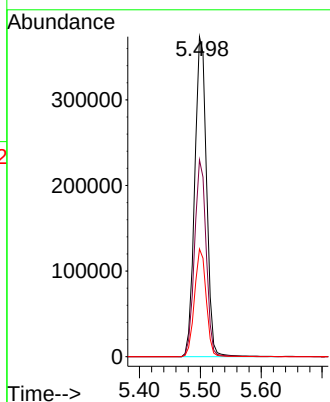
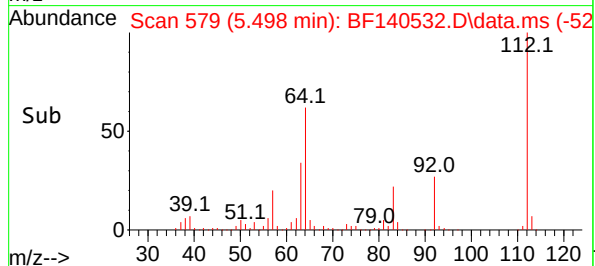
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



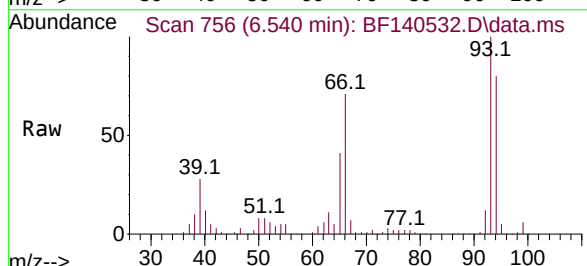
Tgt Ion:112 Resp: 504810
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.7 27.0 40.4

Manual Integrations
APPROVED

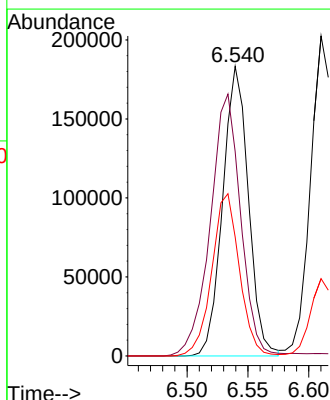
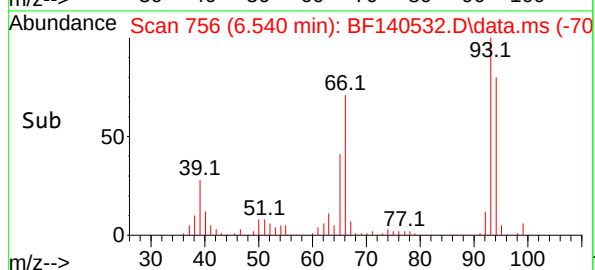
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

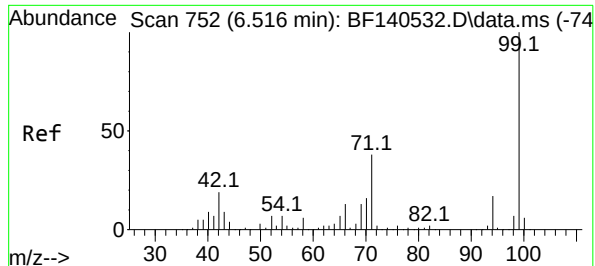


#6
Aniline
Concen: 45.875 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



Tgt Ion: 93 Resp: 268994
Ion Ratio Lower Upper
93 100
66 70.6 56.5 84.7
65 41.1 32.9 49.3





#7

Phenol-d6

Concen: 82.684 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 68881

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.0

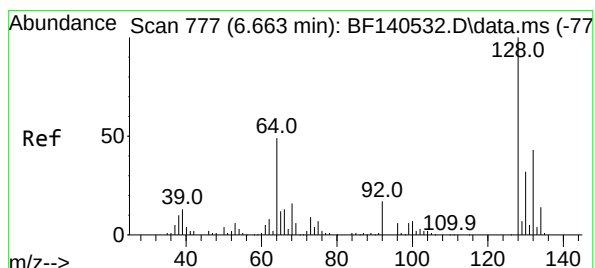
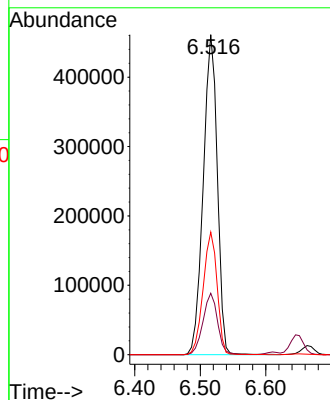
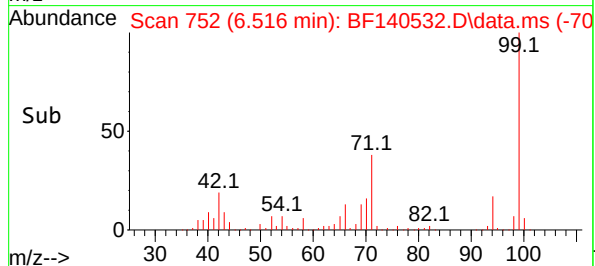
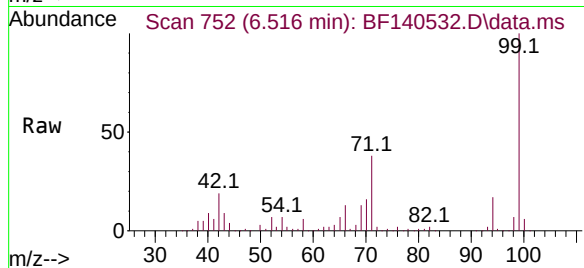
71 38.3 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#8

2-Chlorophenol

Concen: 40.702 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

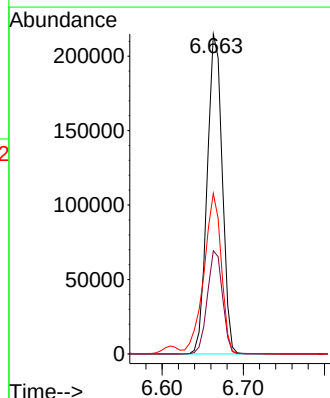
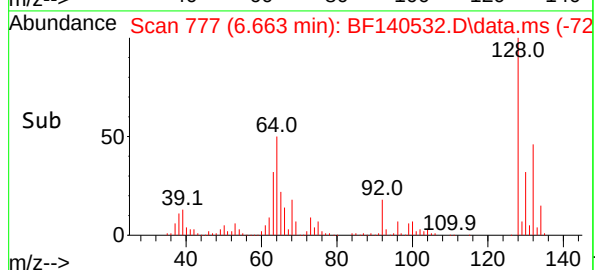
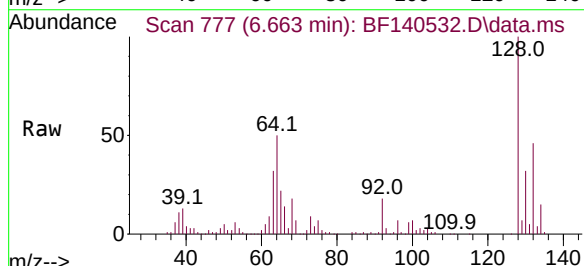
Tgt Ion:128 Resp: 275937

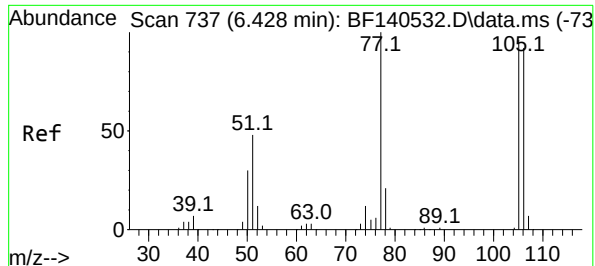
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 50.2 30.2 70.2





#9

Benzaldehyde

Concen: 35.975 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 15865

Ion Ratio Lower Upper

77 100

105 95.6 75.6 115.6

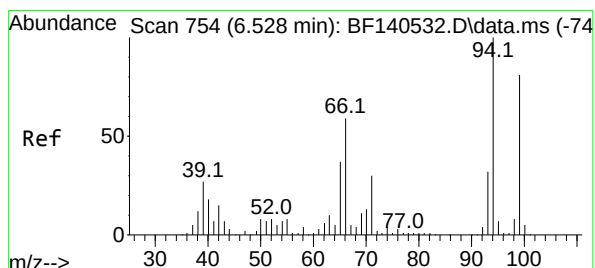
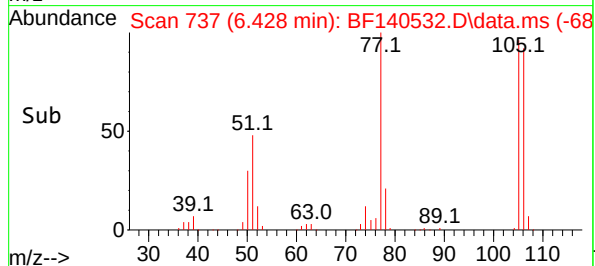
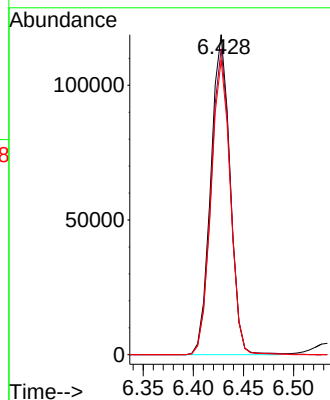
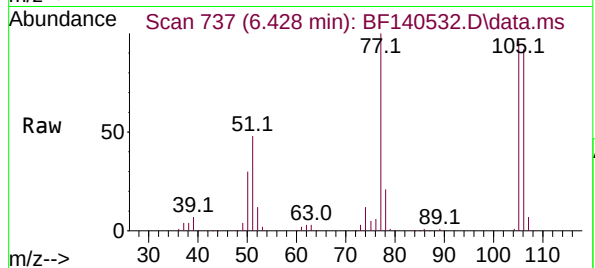
106 92.0 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 42.137 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

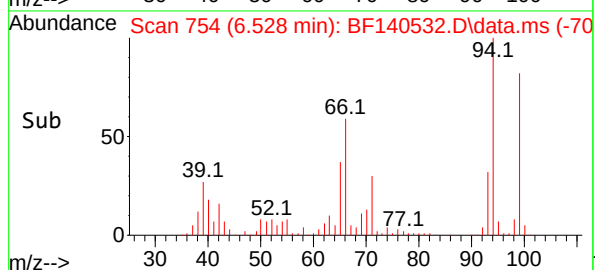
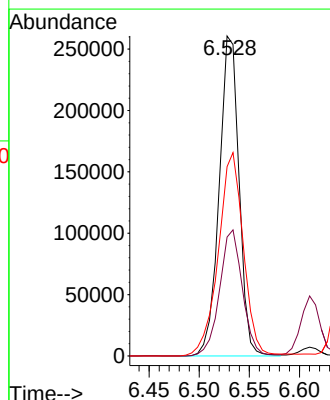
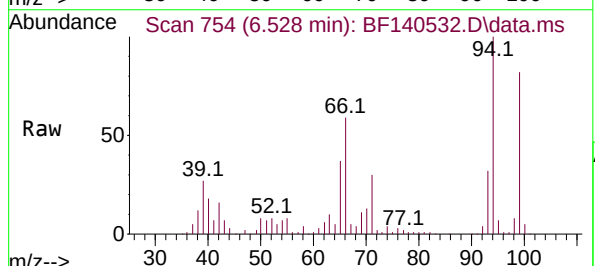
Tgt Ion: 94 Resp: 358490

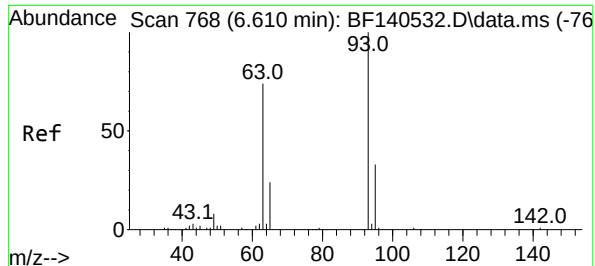
Ion Ratio Lower Upper

94 100

65 37.2 17.2 57.2

66 59.2 39.2 79.2





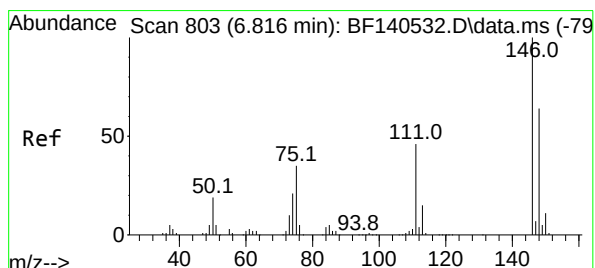
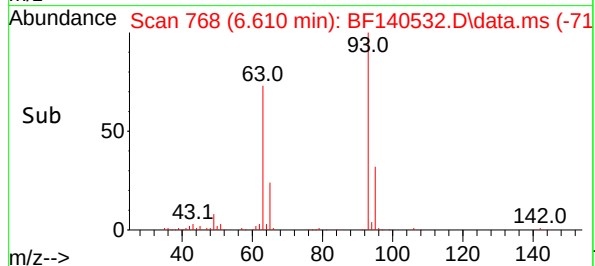
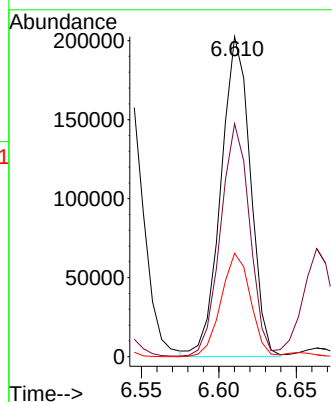
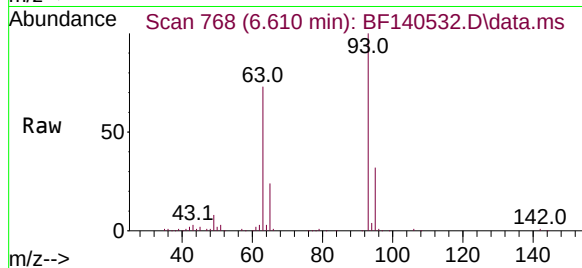
#11
bis(2-Chloroethyl)ether
Concen: 41.142 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 26784
Ion Ratio Lower Upper
93 100
63 72.8 52.8 92.8
95 32.3 12.3 52.3

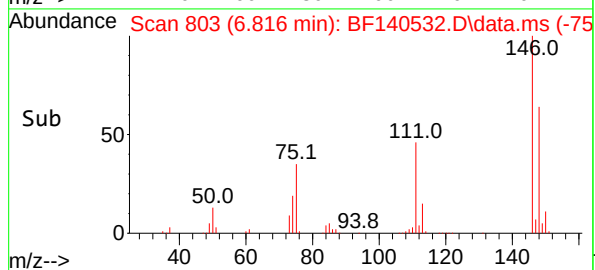
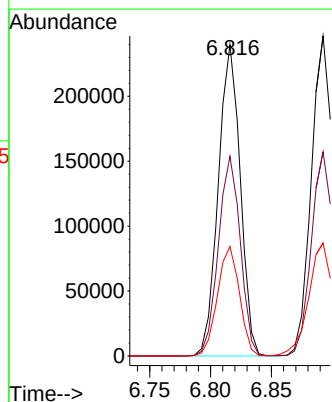
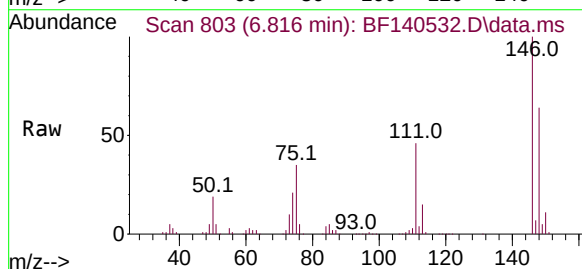
Manual Integrations
APPROVED

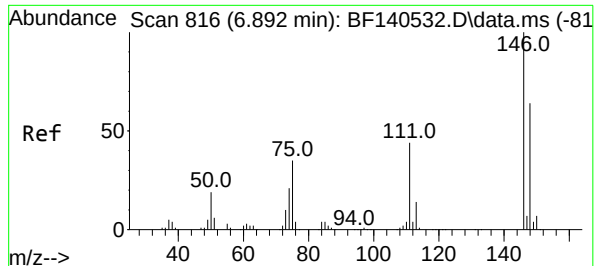
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 39.480 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:146 Resp: 300744
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.817 ng

RT: 6.892 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 30711

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

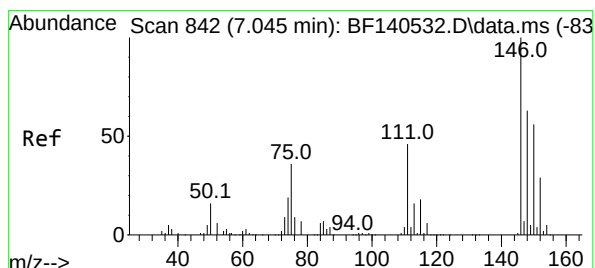
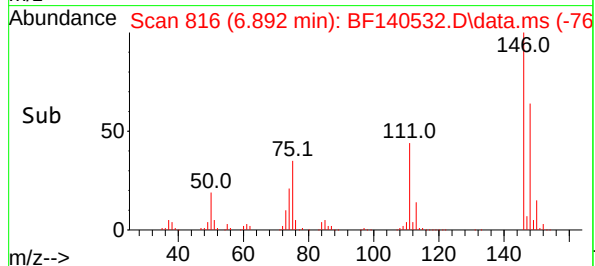
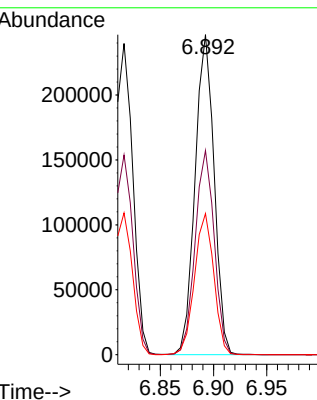
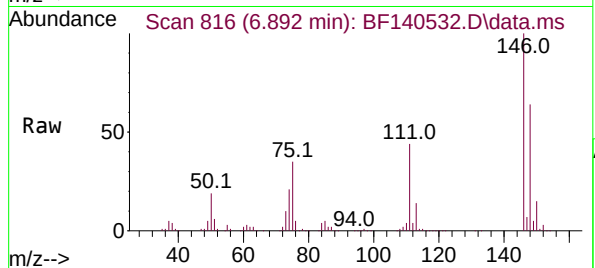
111 44.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#14

1,2-Dichlorobenzene

Concen: 40.311 ng

RT: 7.045 min Scan# 842

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

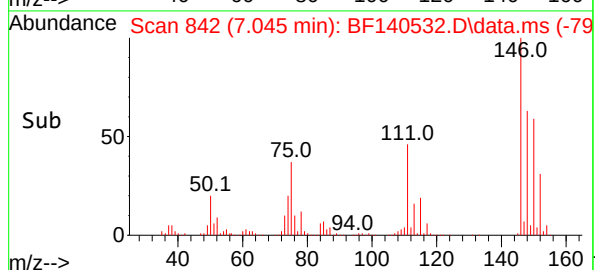
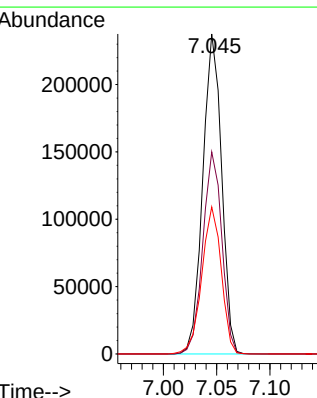
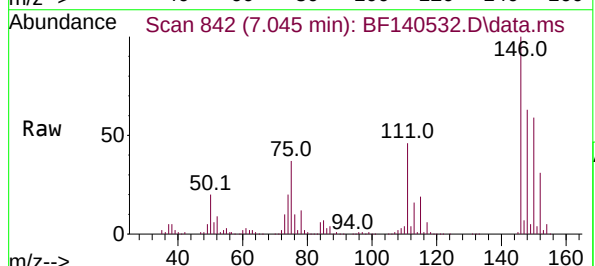
Tgt Ion:146 Resp: 291347

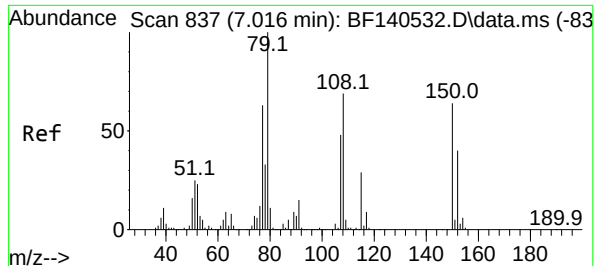
Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 45.9 36.7 55.1





#15

Benzyl Alcohol

Concen: 42.594 ng

RT: 7.016 min Scan# 837

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 263144

Ion Ratio Lower Upper

79 100

108 68.8 55.0 82.6

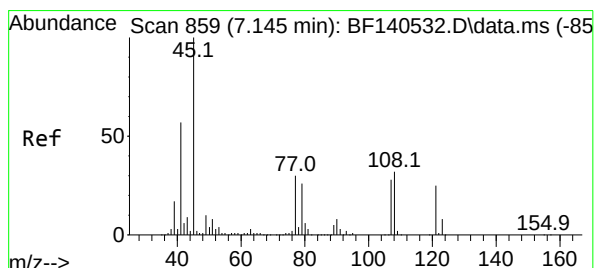
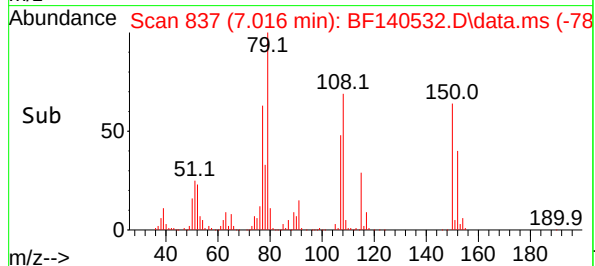
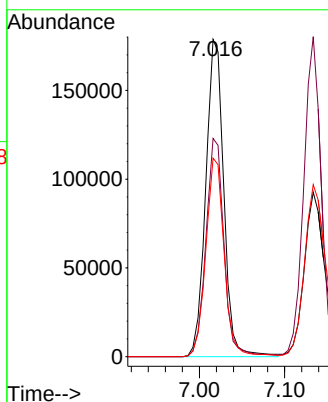
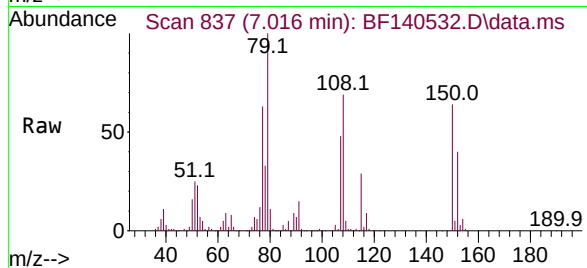
77 62.6 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.901 ng

RT: 7.145 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

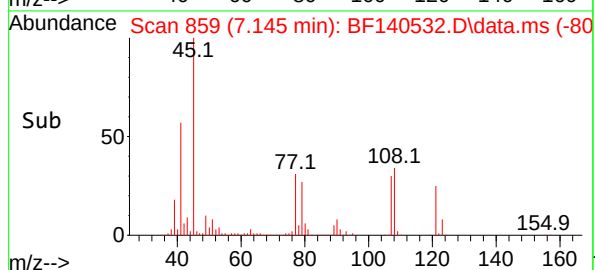
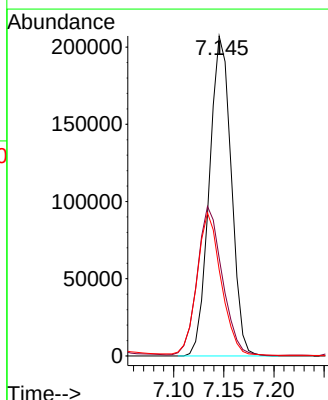
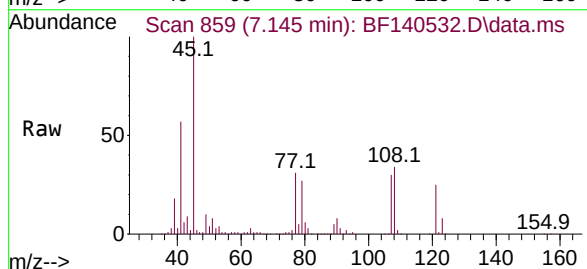
Tgt Ion: 45 Resp: 314582

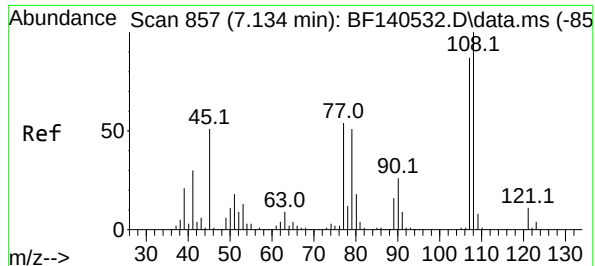
Ion Ratio Lower Upper

45 100

77 30.7 10.7 50.7

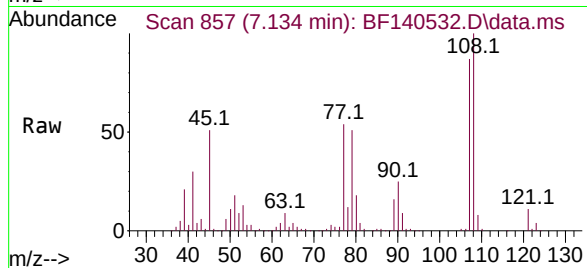
79 27.0 7.0 47.0





#17
2-Methylphenol
Concen: 41.272 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

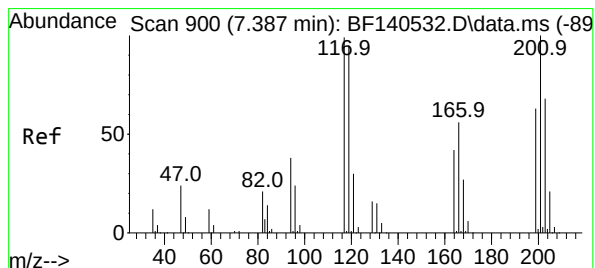
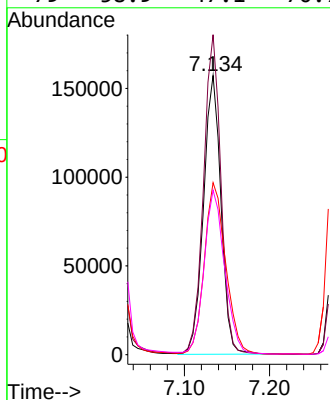
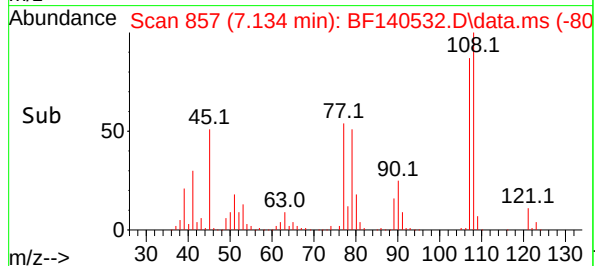
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



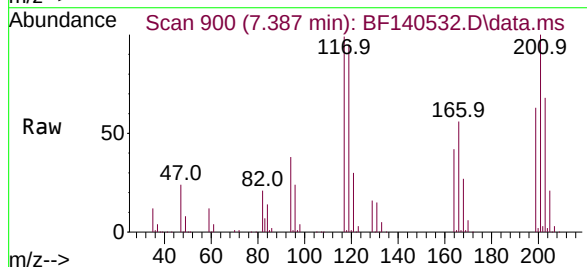
Tgt Ion:107 Resp: 22397
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 61.6 49.3 73.9
79 58.9 47.1 70.7

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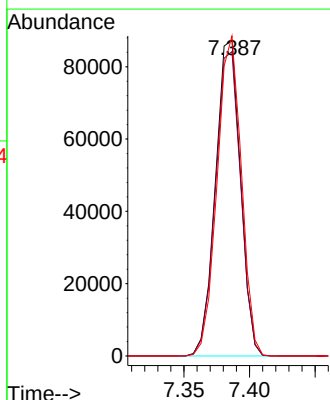
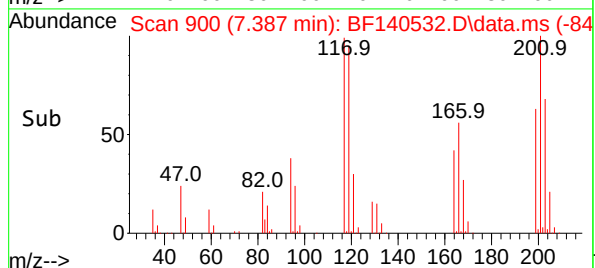
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

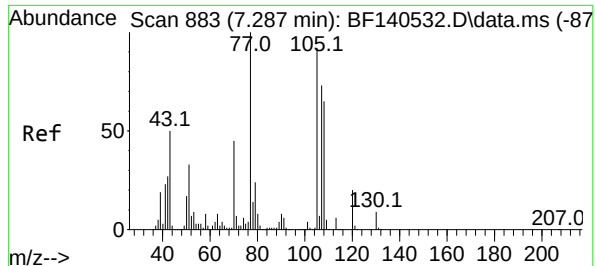


#18
Hexachloroethane
Concen: 40.087 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



Tgt Ion:117 Resp: 115481
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
201 101.4 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.304 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 203350

Ion Ratio Lower Upper

70 100

42 59.5 47.6 71.4

101 9.5 7.6 11.4

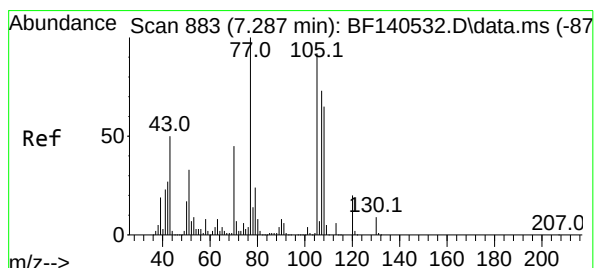
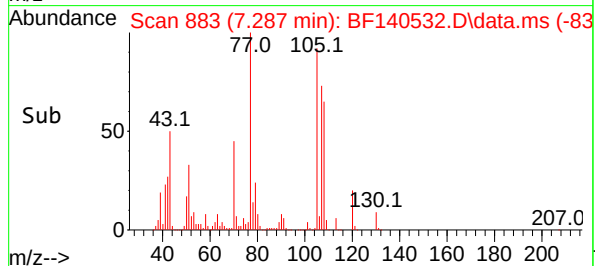
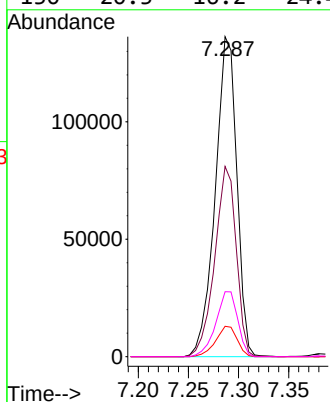
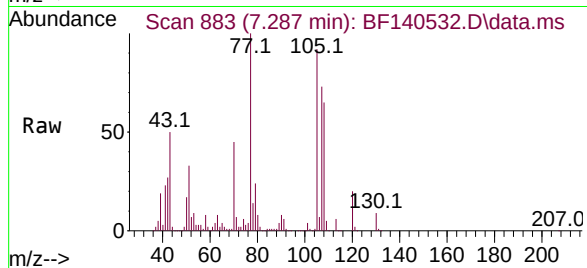
130 20.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 41.517 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:107 Resp: 289597

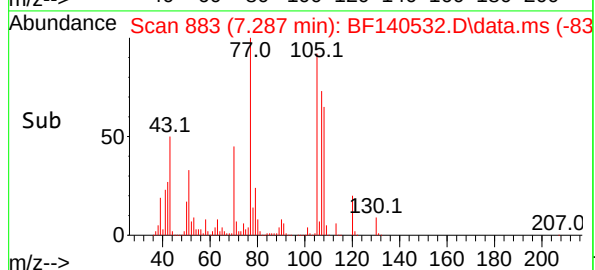
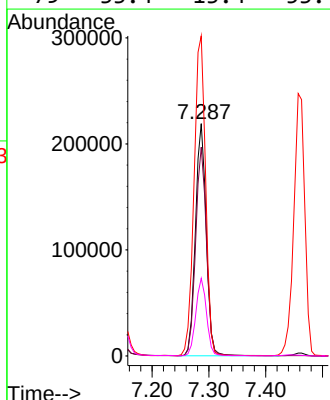
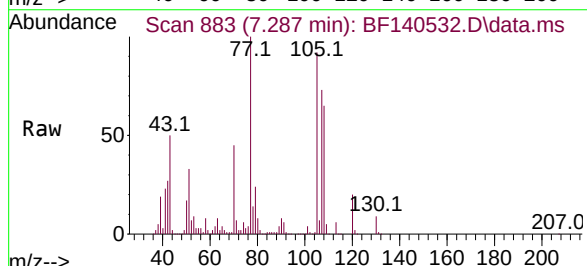
Ion Ratio Lower Upper

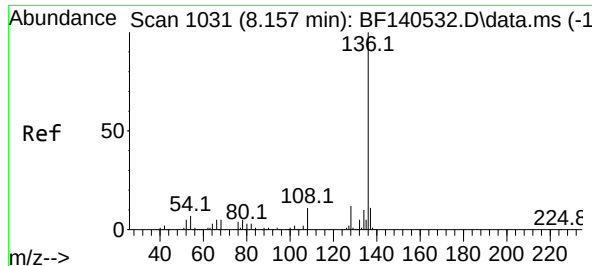
107 100

108 89.9 69.9 109.9

77 137.7 117.7 157.7

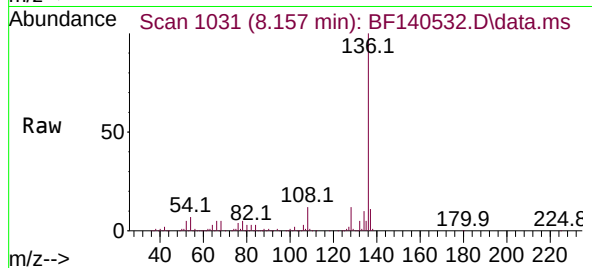
79 33.4 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

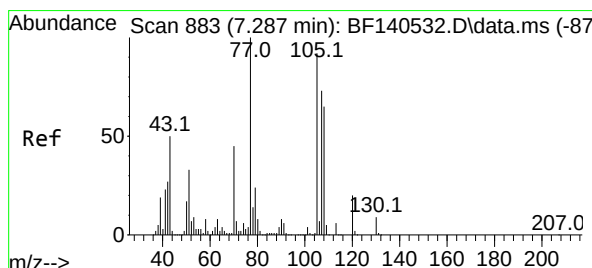
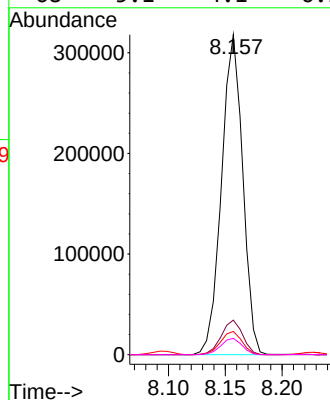
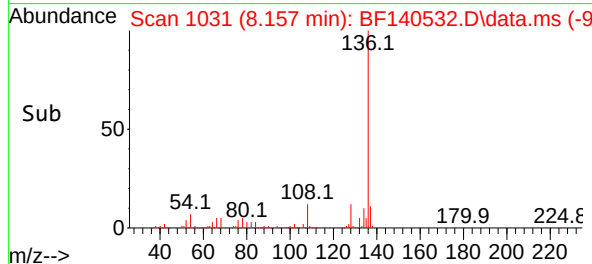
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 413408
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.3 5.8 8.8
68 5.1 4.1 6.1

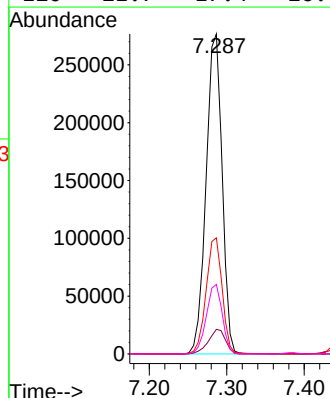
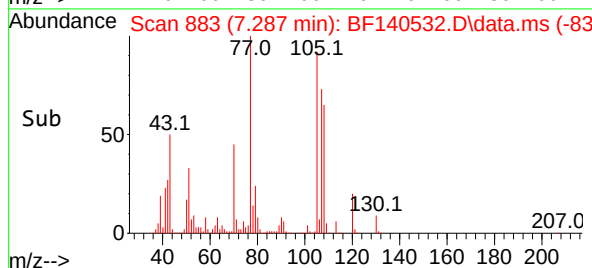
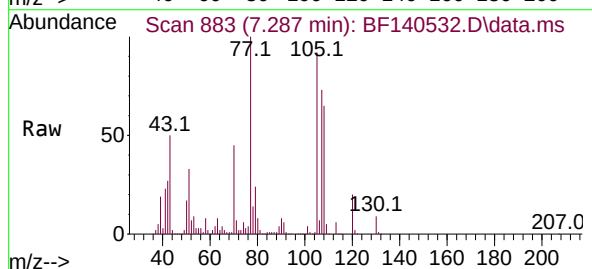
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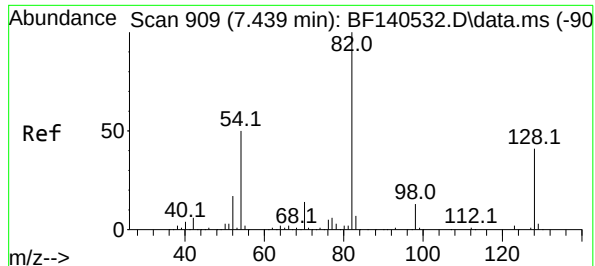
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 39.464 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:105 Resp: 397747
Ion Ratio Lower Upper
105 100
71 7.7 6.2 9.2
51 36.3 29.0 43.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 80.281 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 64884

Ion Ratio Lower Upper

82 100

128 41.2 33.0 49.4

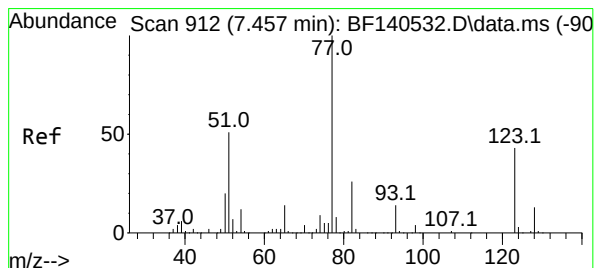
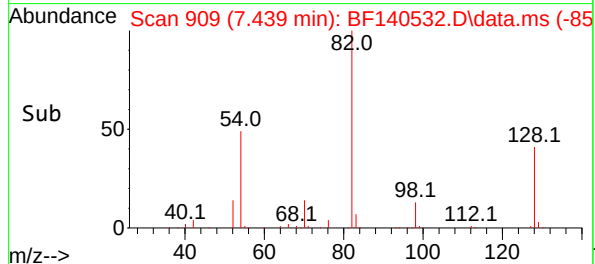
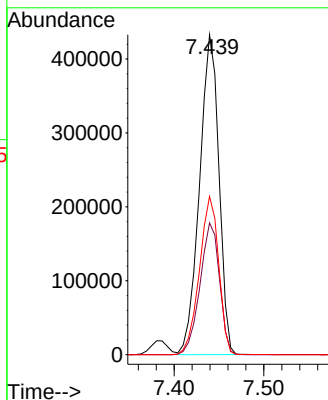
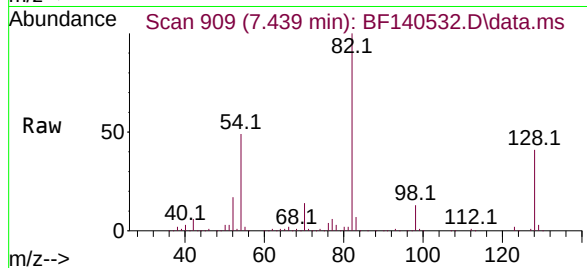
54 49.4 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 39.736 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

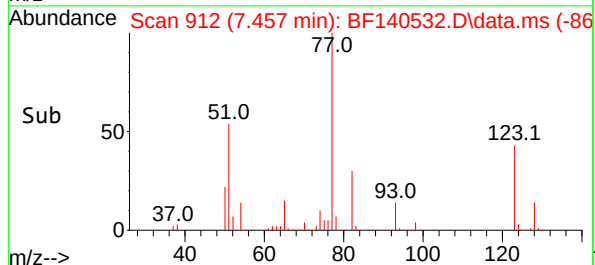
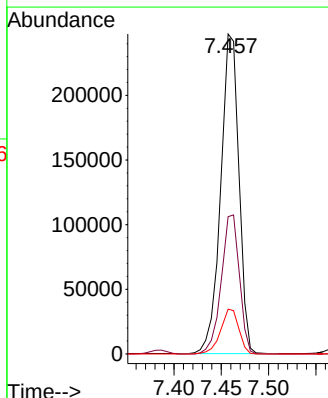
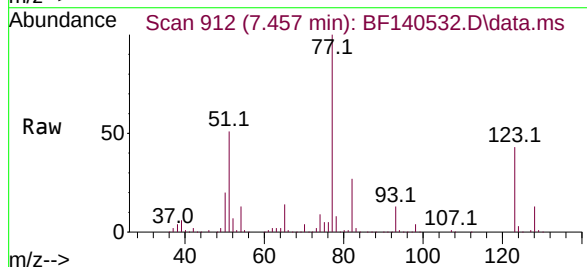
Tgt Ion: 77 Resp: 331927

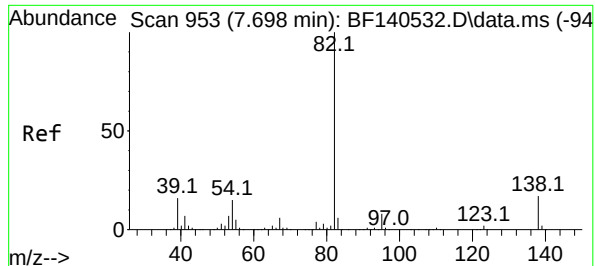
Ion Ratio Lower Upper

77 100

123 42.9 34.3 51.5

65 14.0 11.2 16.8





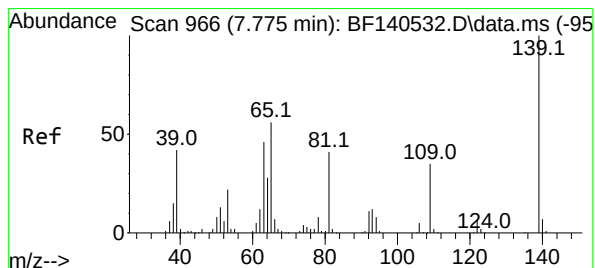
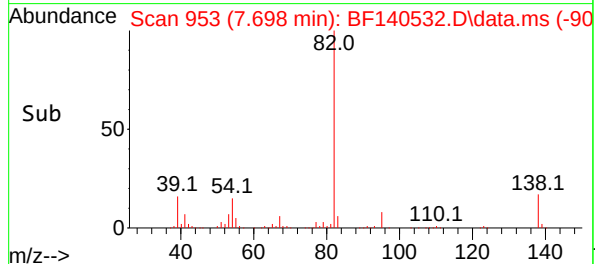
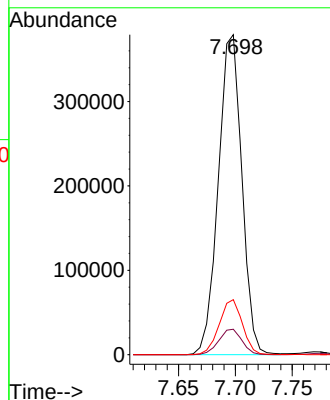
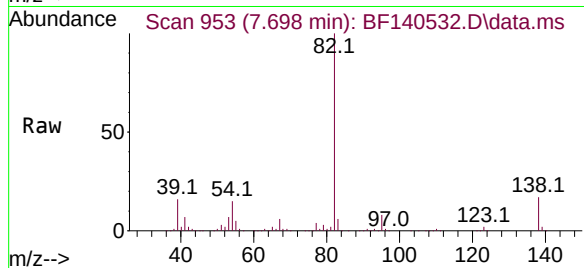
#25
Isophorone
Concen: 40.576 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
Client SampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 54698
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.2 13.8 20.6

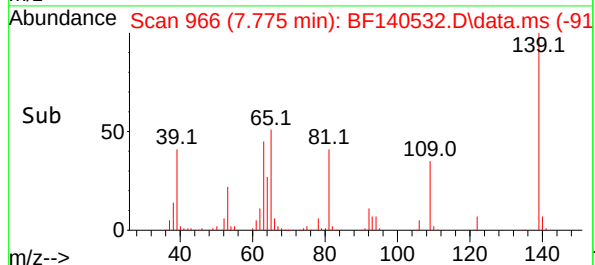
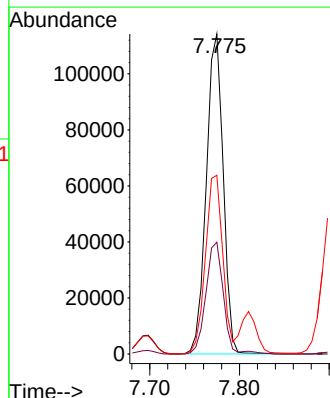
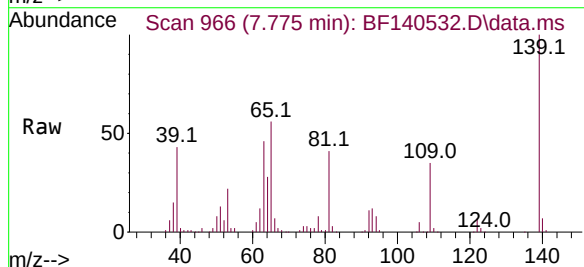
Manual Integrations
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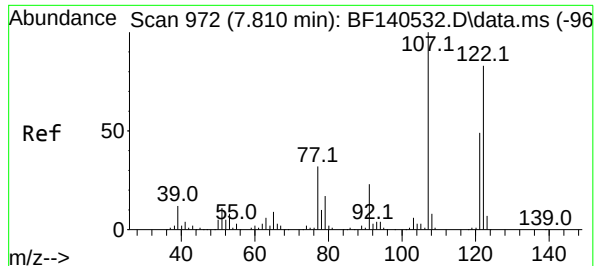
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 40.287 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:139 Resp: 149133
Ion Ratio Lower Upper
139 100
109 35.0 28.0 42.0
65 55.8 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 41.885 ng

RT: 7.810 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 185514

Ion Ratio Lower Upper

122 100

107 121.0 96.8 145.2

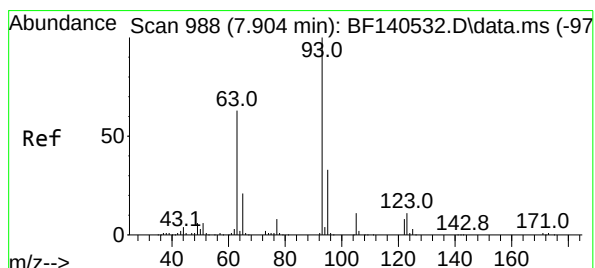
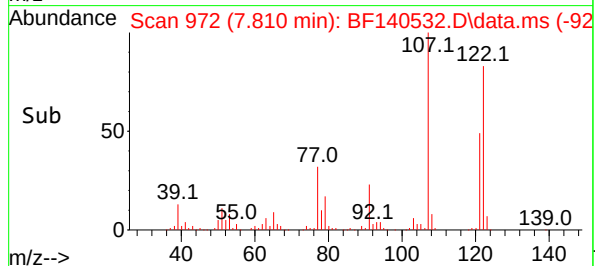
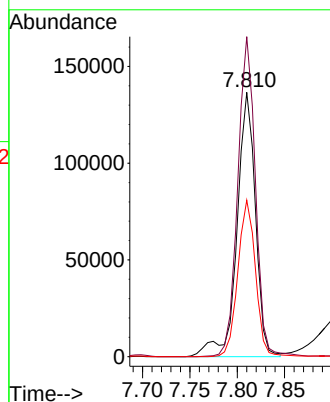
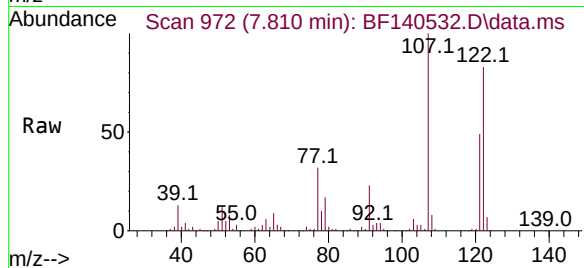
121 59.2 47.4 71.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.946 ng

RT: 7.904 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

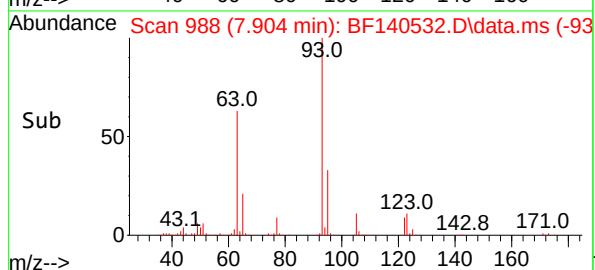
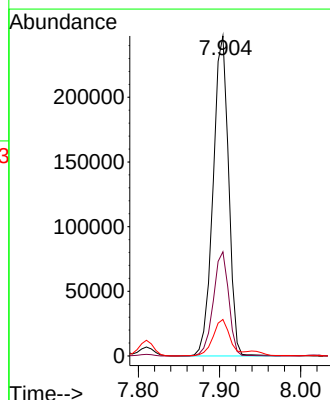
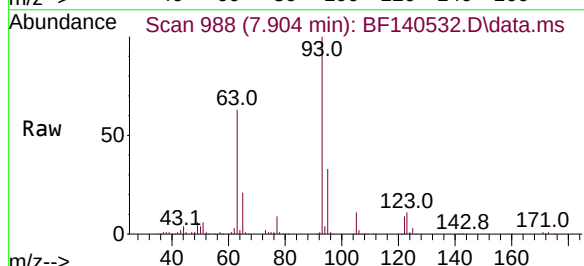
Tgt Ion: 93 Resp: 328053

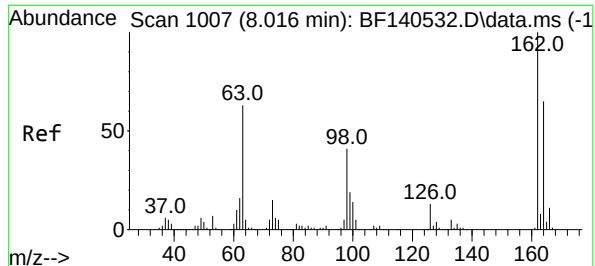
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.725 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 233140

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

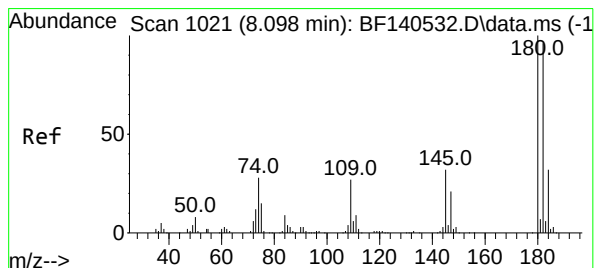
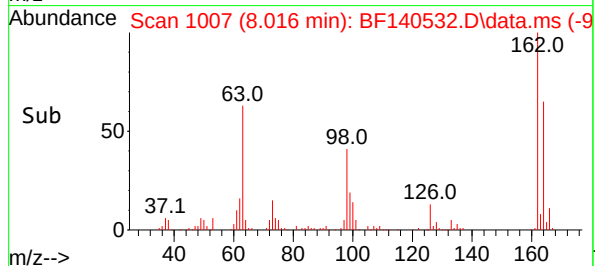
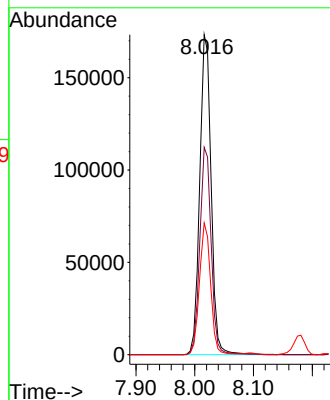
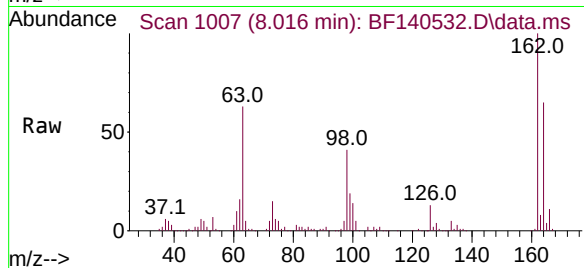
98 41.2 21.2 61.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.078 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

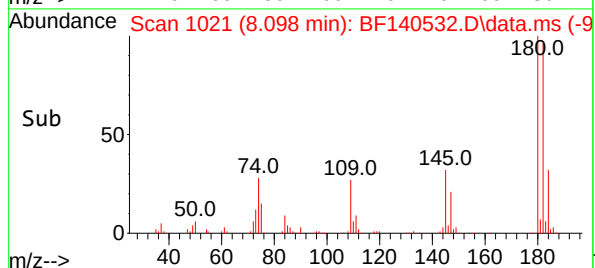
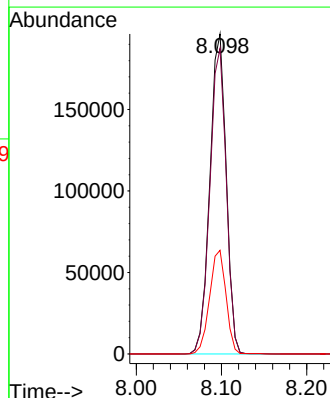
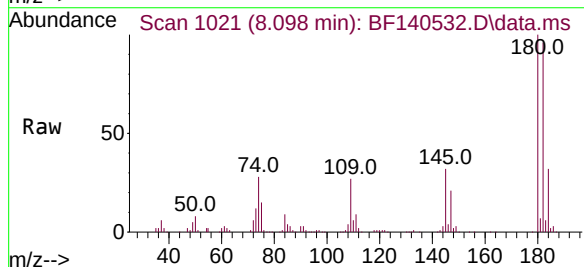
Tgt Ion:180 Resp: 261862

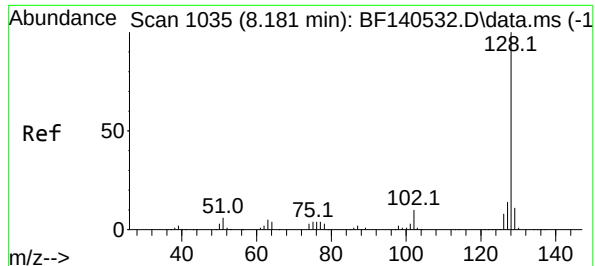
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 32.4 25.9 38.9





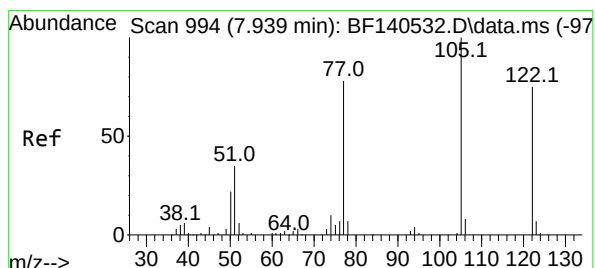
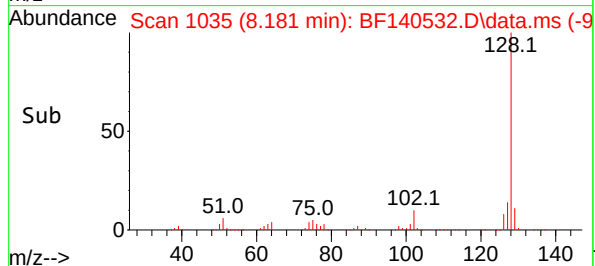
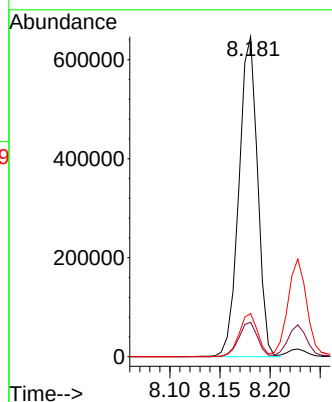
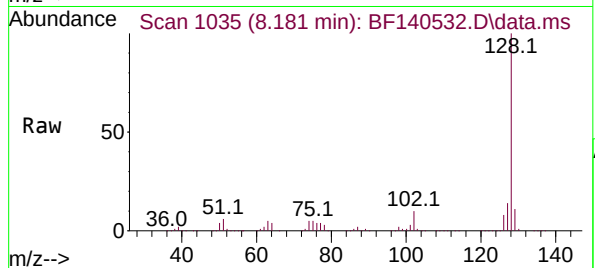
#31
Naphthalene
Concen: 39.318 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 83723
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.8 16.2

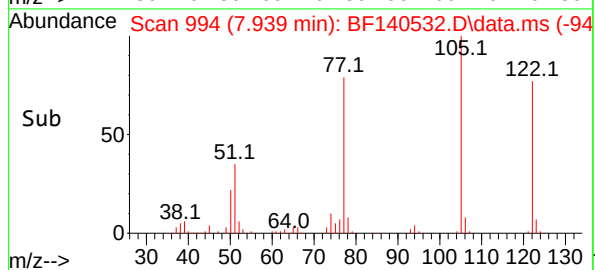
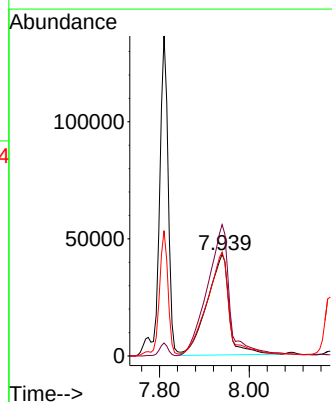
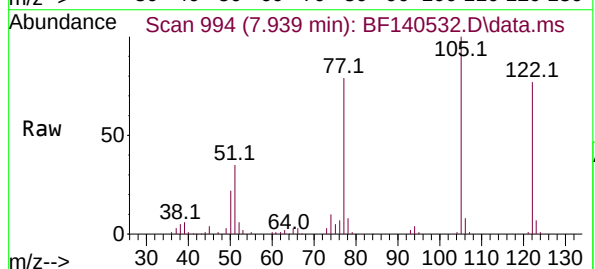
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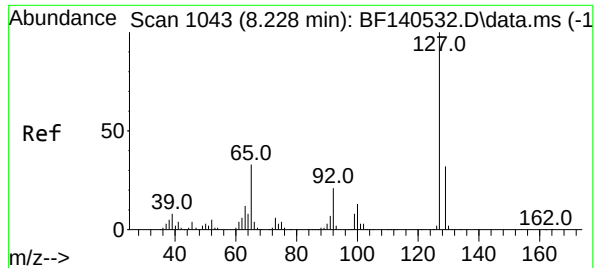
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 39.450 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:122 Resp: 146245
Ion Ratio Lower Upper
122 100
105 129.3 109.3 149.3
77 102.3 82.3 122.3





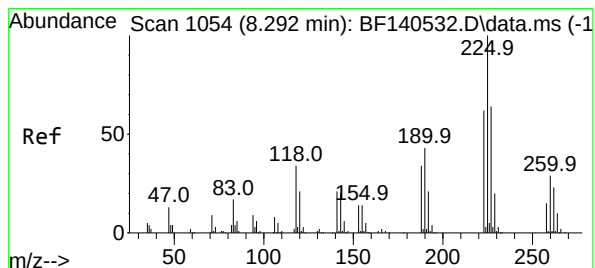
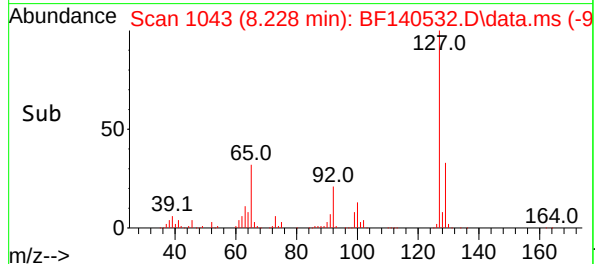
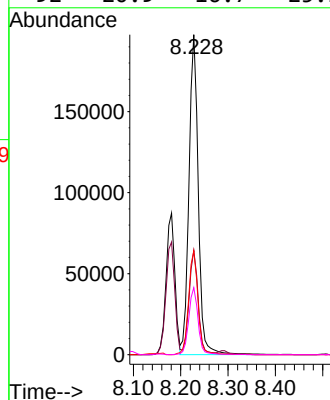
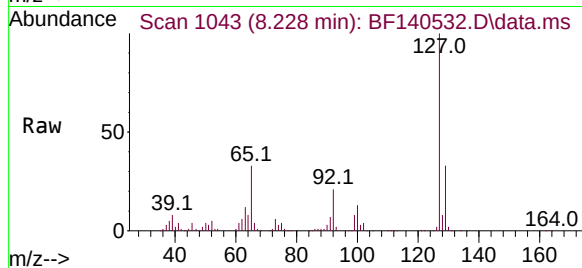
#33
4-Chloroaniline
Concen: 42.139 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 268662
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 32.5 26.0 39.0
92 20.9 16.7 25.1

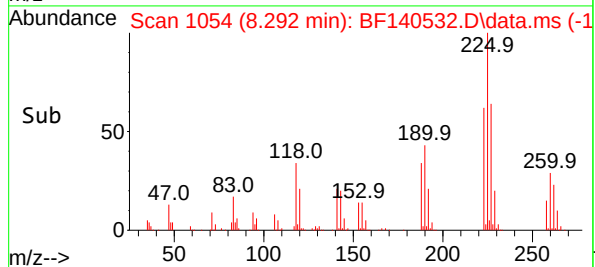
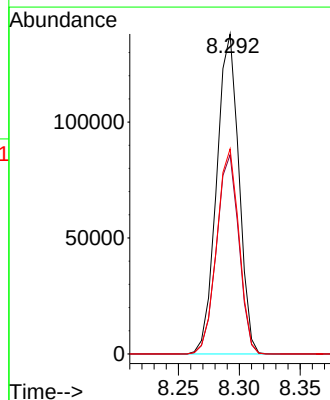
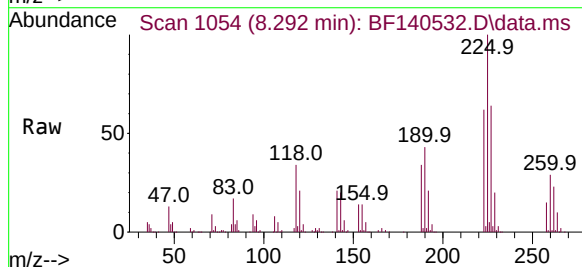
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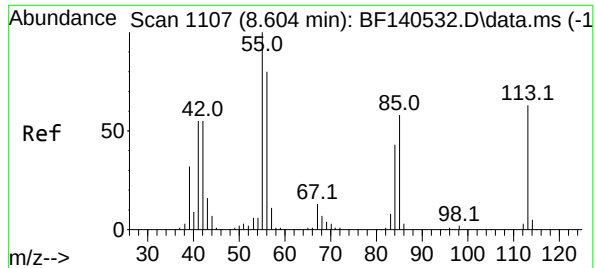
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 39.473 ng
RT: 8.292 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:225 Resp: 175198
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 64.1 51.3 76.9





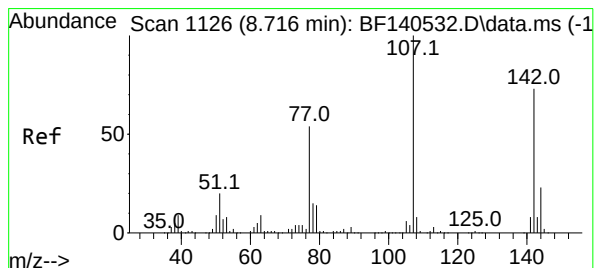
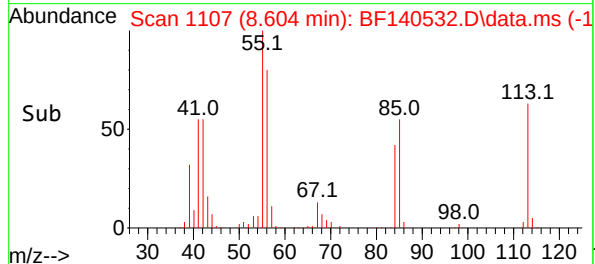
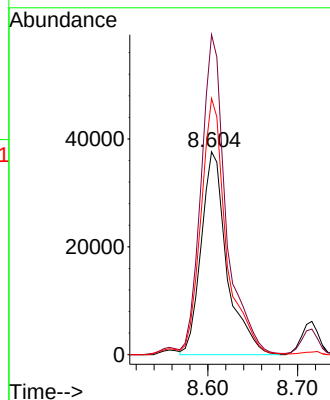
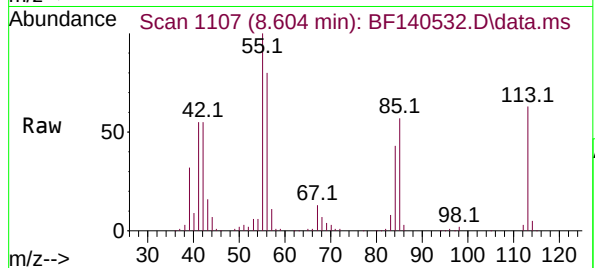
#35
Caprolactam
Concen: 41.168 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 7477
Ion Ratio Lower Upper
113 100
55 157.7 137.7 177.7
56 126.4 106.4 146.4

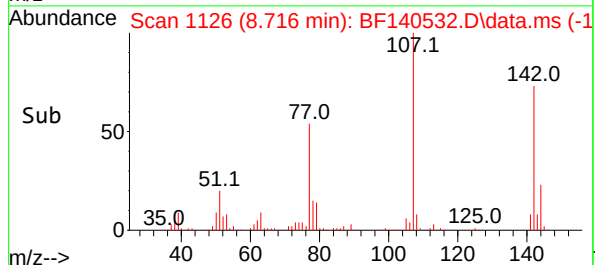
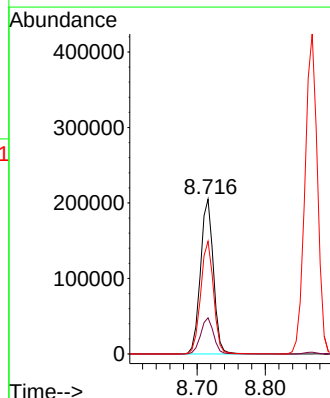
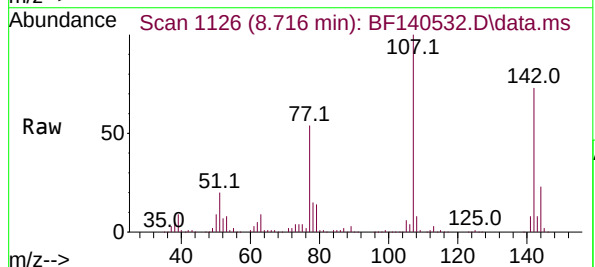
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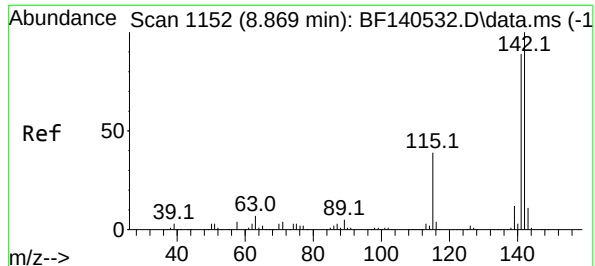
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 41.150 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:107 Resp: 270395
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 72.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 39.707 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 537039

Ion Ratio Lower Upper

142 100

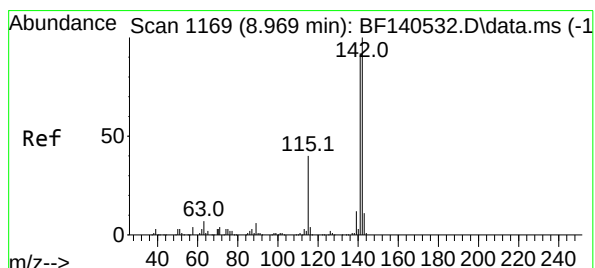
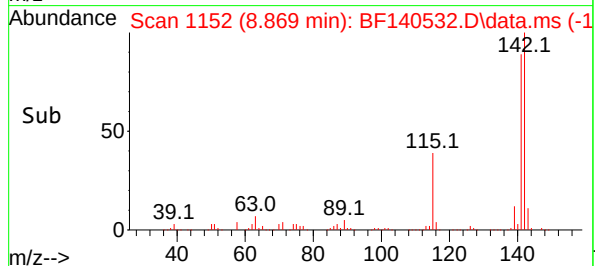
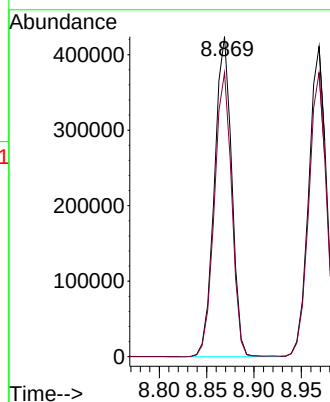
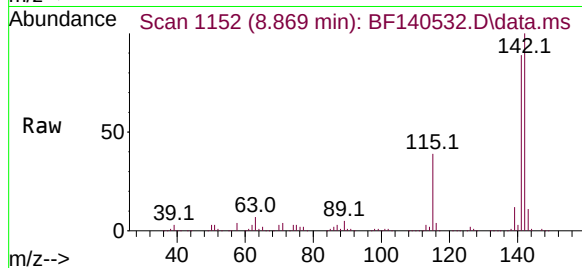
141 88.8 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 39.781 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140532.D

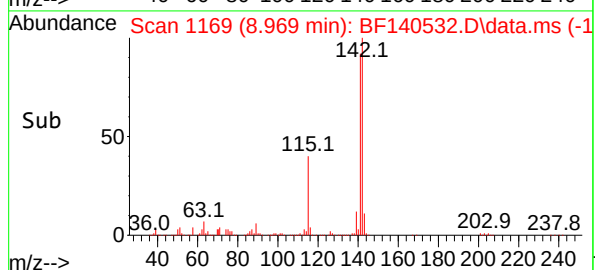
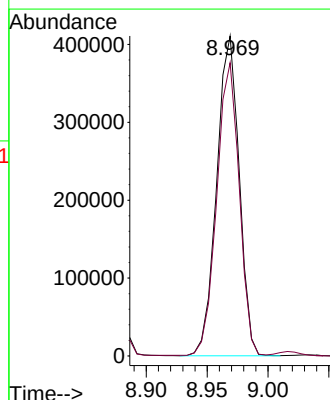
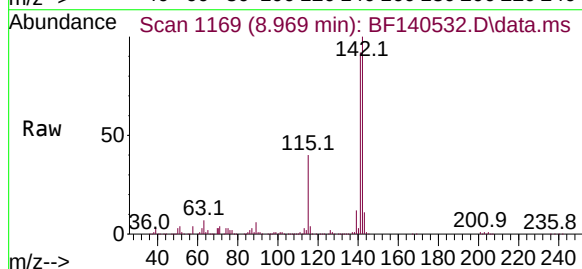
Acq: 21 Nov 2024 12:58

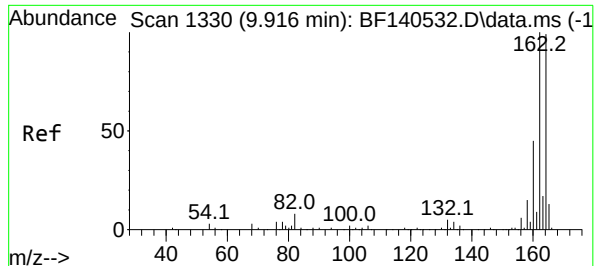
Tgt Ion:142 Resp: 527387

Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

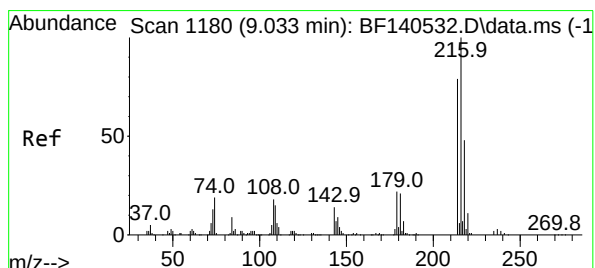
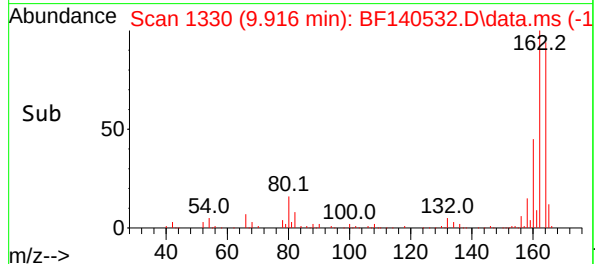
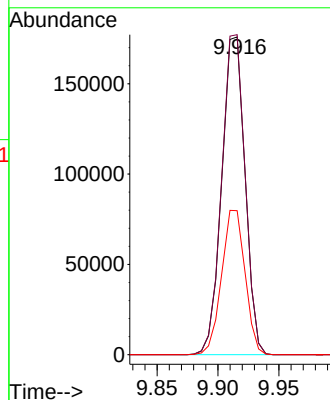
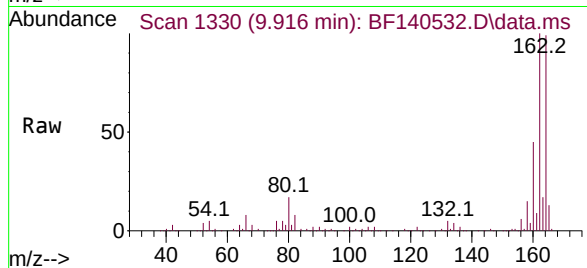
Tgt Ion:	164	Resp:	23440
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.6	120.8
160	45.3	36.2	54.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.462 ng

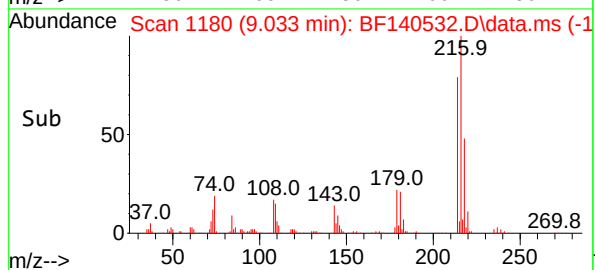
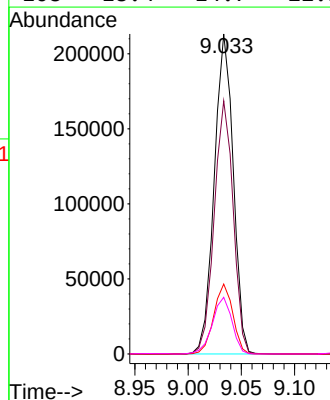
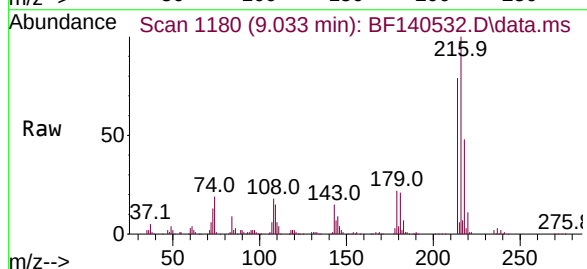
RT: 9.033 min Scan# 1180

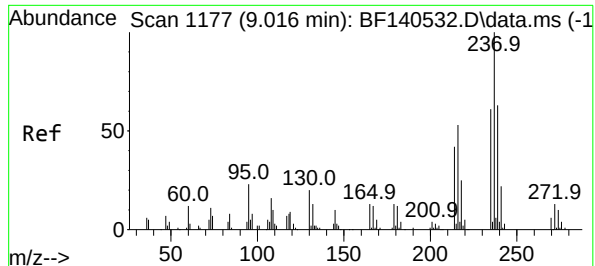
Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:	216	Resp:	263939
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.0	94.4
179	21.9	17.5	26.3
108	18.4	14.7	22.1





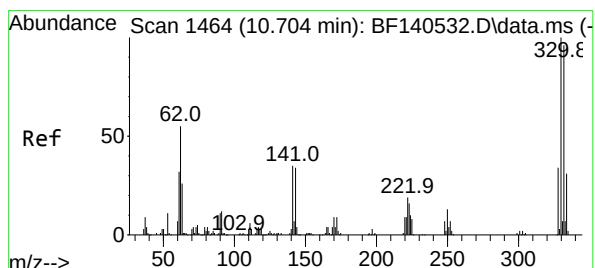
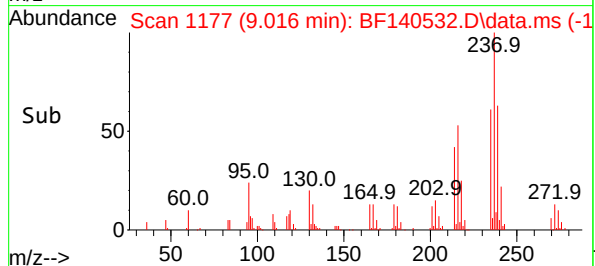
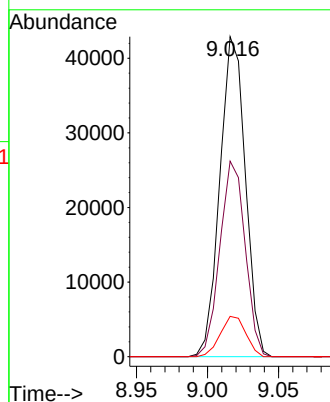
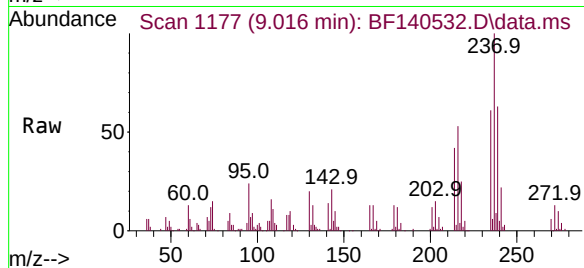
#41
Hexachlorocyclopentadiene
Concen: 38.833 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 5353
Ion Ratio Lower Upper
237 100
235 61.1 41.1 81.1
272 12.6 0.0 32.6

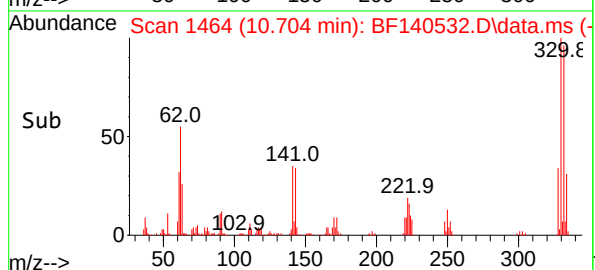
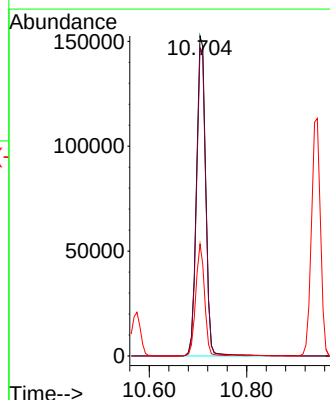
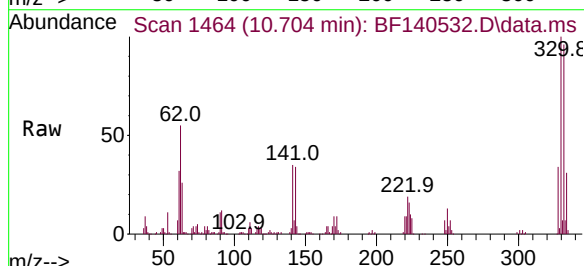
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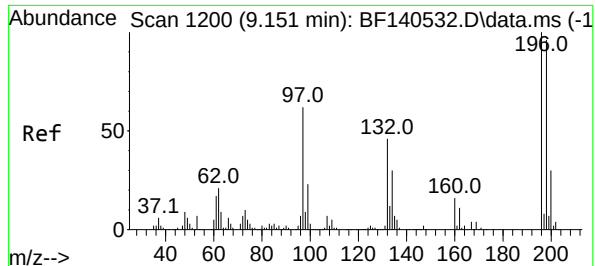
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 80.781 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:330 Resp: 202517
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 33.4 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.799 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 171374

Ion Ratio Lower Upper

196 100

198 96.0 76.8 115.2

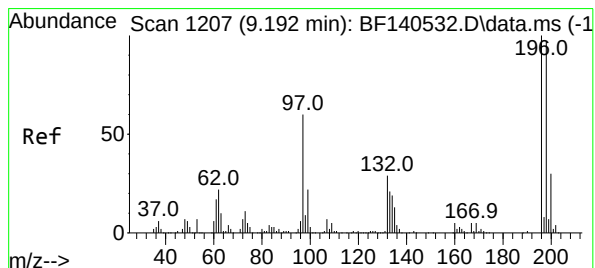
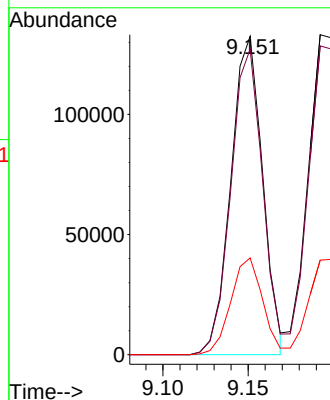
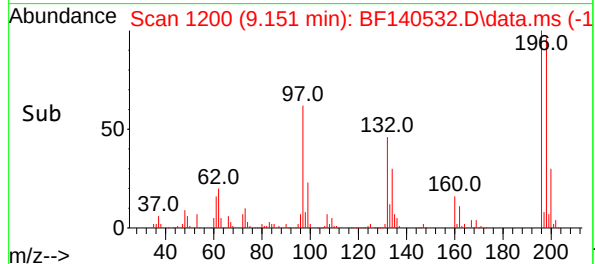
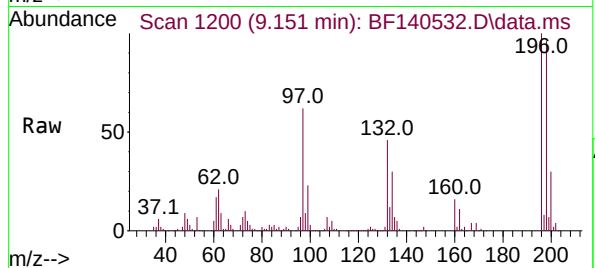
200 30.4 24.3 36.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 40.504 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:196 Resp: 189287

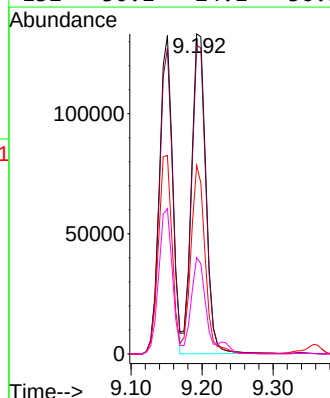
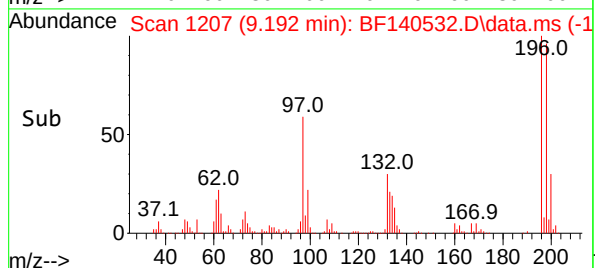
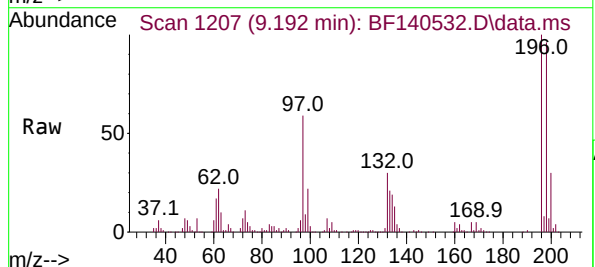
Ion Ratio Lower Upper

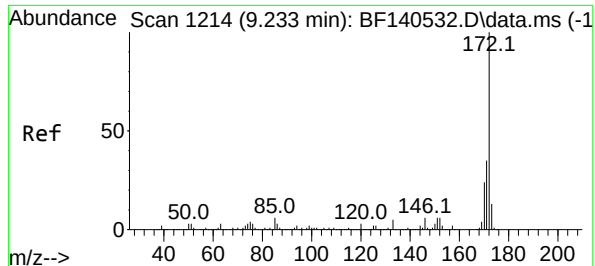
196 100

198 96.5 77.2 115.8

97 58.9 47.1 70.7

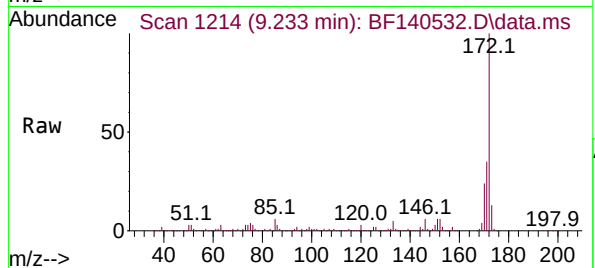
132 30.1 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 76.969 ng
RT: 9.233 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

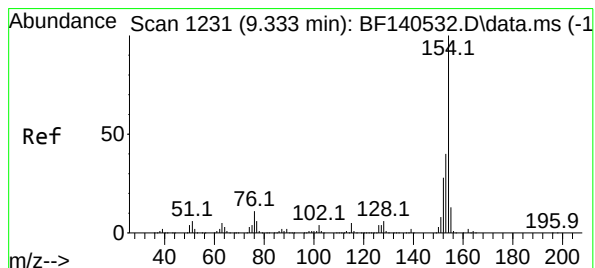
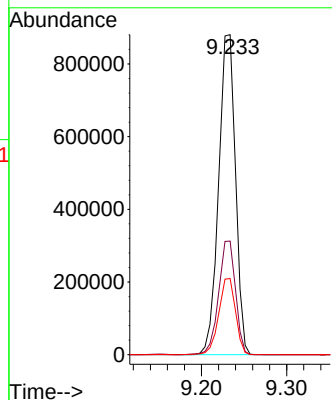
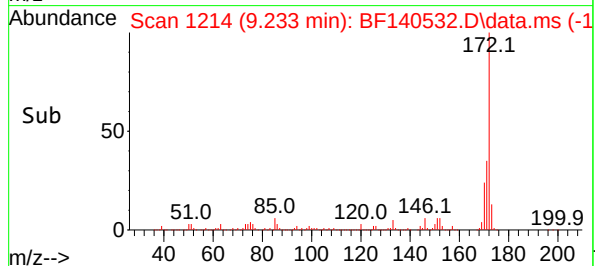
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 1210929
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.6

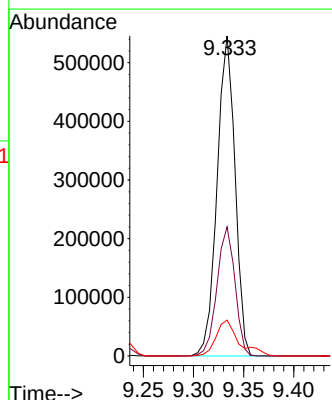
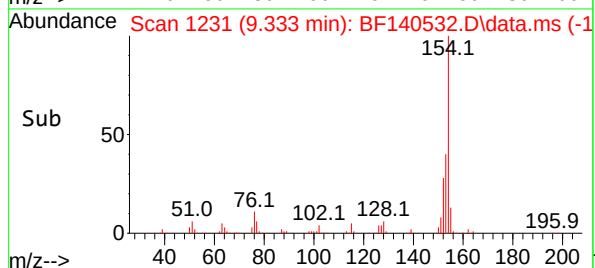
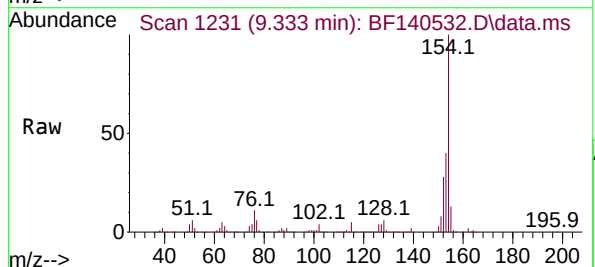
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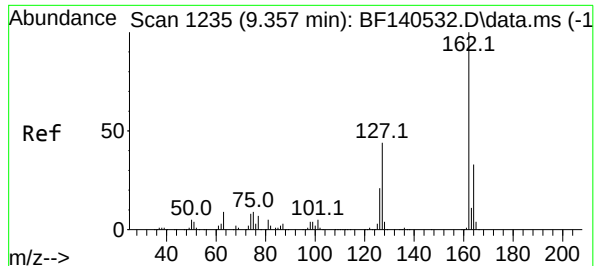
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 38.750 ng
RT: 9.333 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:154 Resp: 678172
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.086 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 518320

Ion Ratio Lower Upper

162 100

127 44.6 35.7 53.5

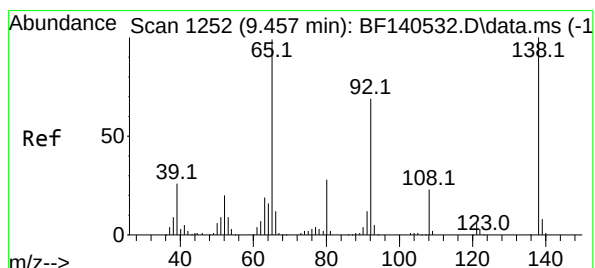
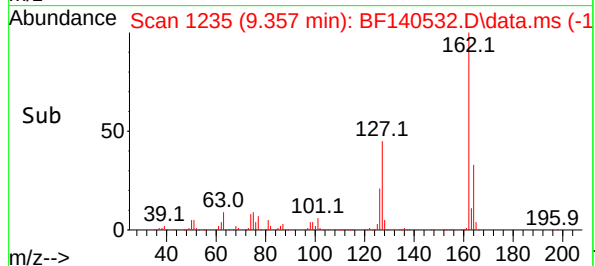
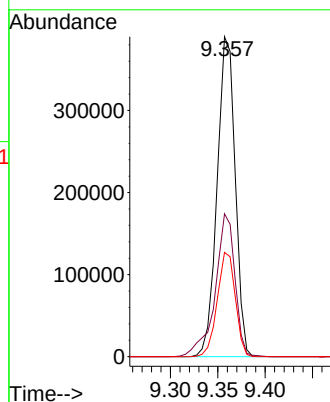
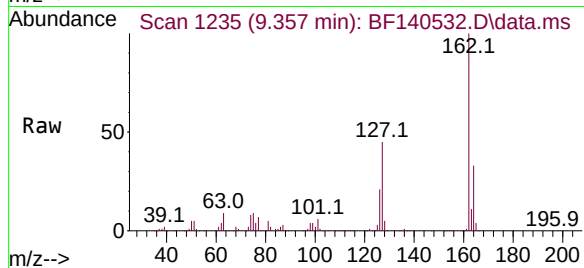
164 32.6 26.1 39.1

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 40.410 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

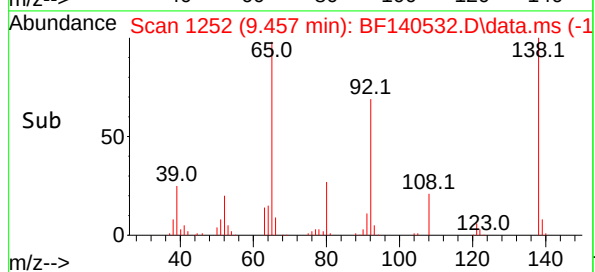
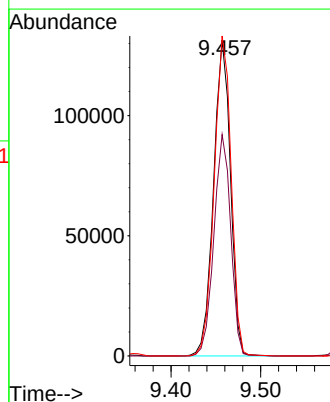
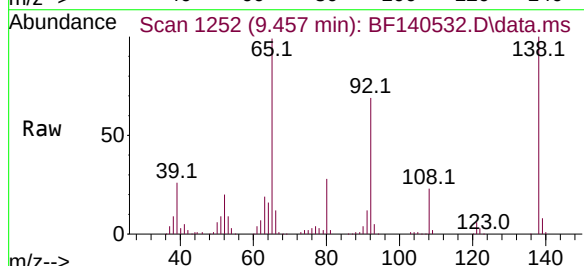
Tgt Ion: 65 Resp: 172005

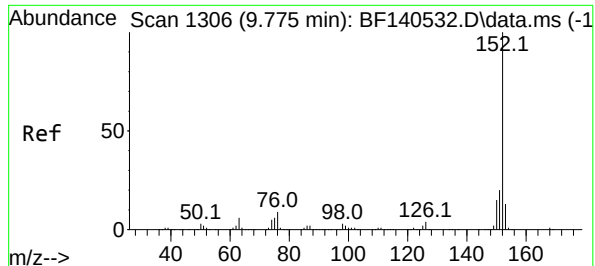
Ion Ratio Lower Upper

65 100

92 70.1 56.1 84.1

138 101.3 81.0 121.6





#49

Acenaphthylene

Concen: 38.899 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 779390

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

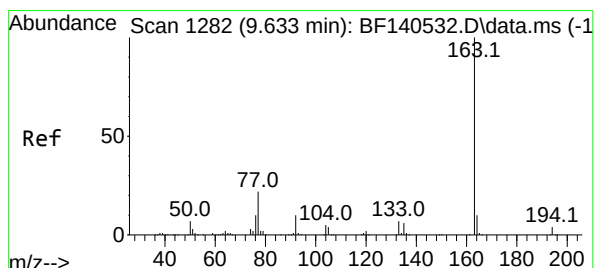
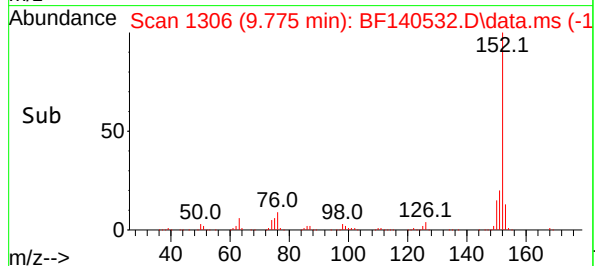
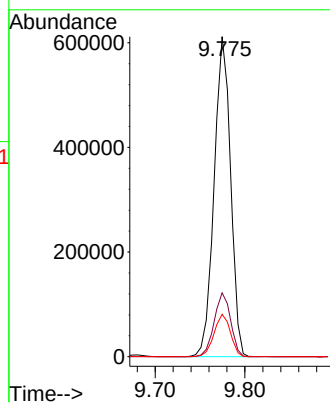
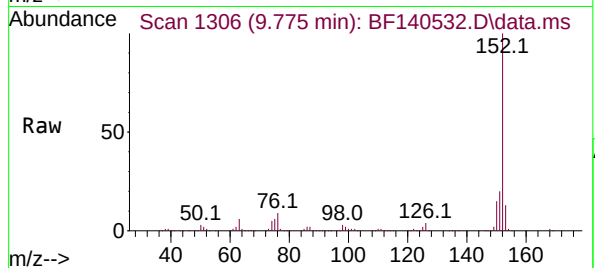
153 13.3 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#50

Dimethylphthalate

Concen: 39.445 ng

RT: 9.633 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

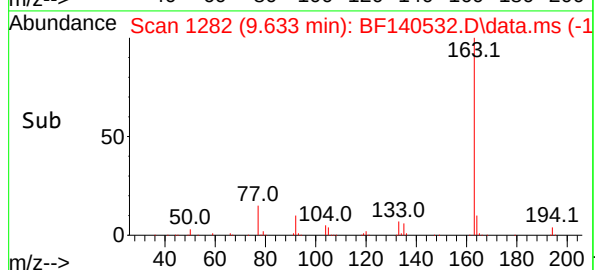
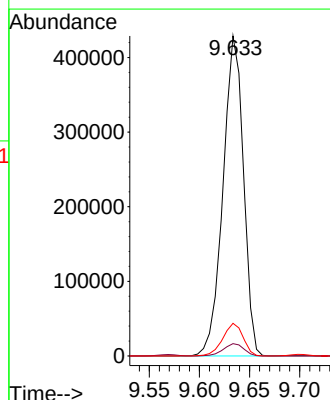
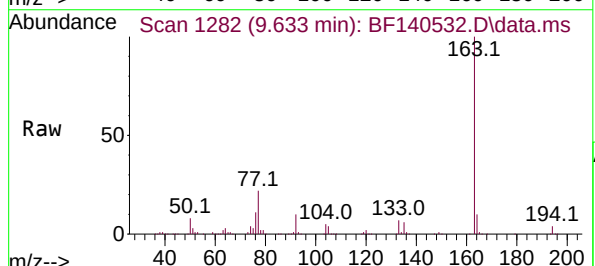
Tgt Ion:163 Resp: 608948

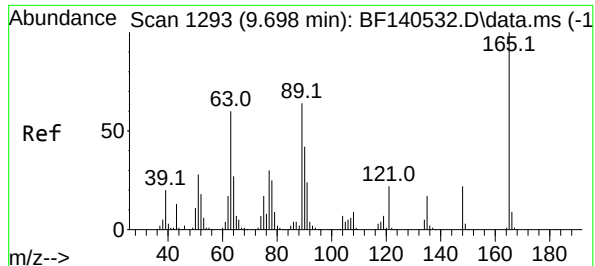
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2





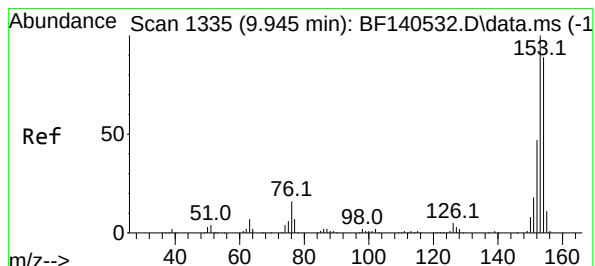
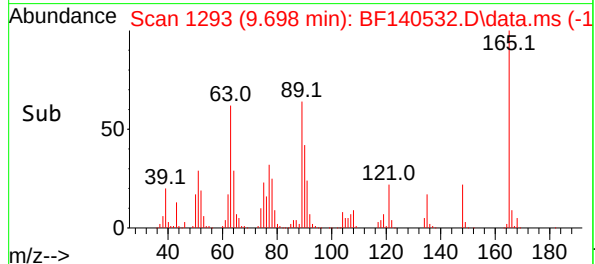
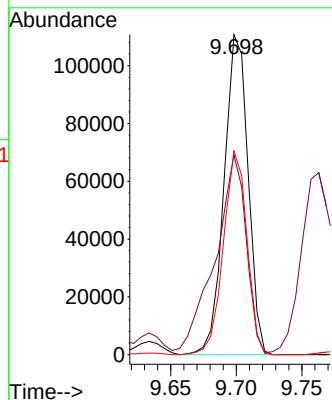
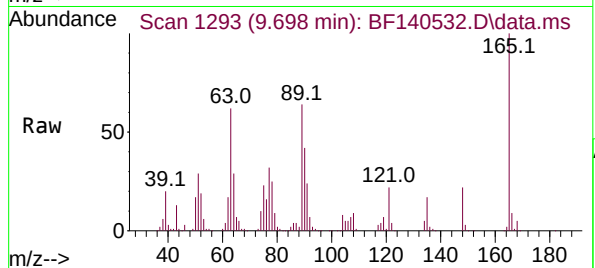
#51
2,6-Dinitrotoluene
Concen: 40.249 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 140922
Ion Ratio Lower Upper
165 100
63 62.4 49.9 74.9
89 63.6 50.9 76.3

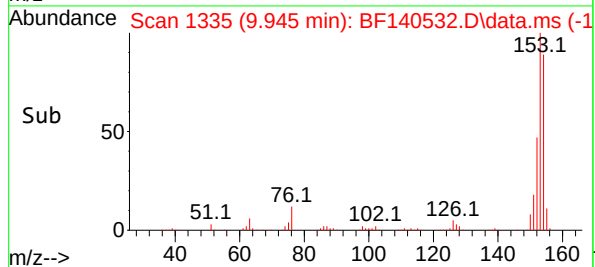
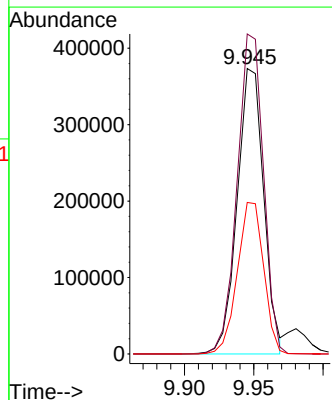
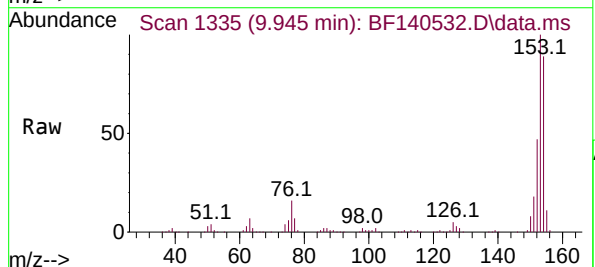
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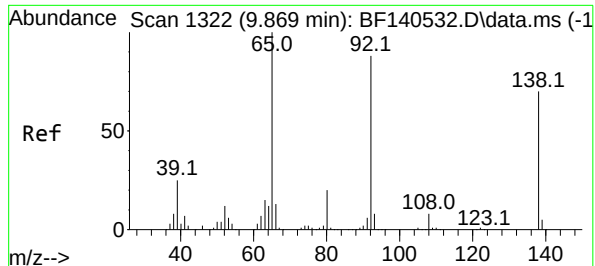
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 38.394 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

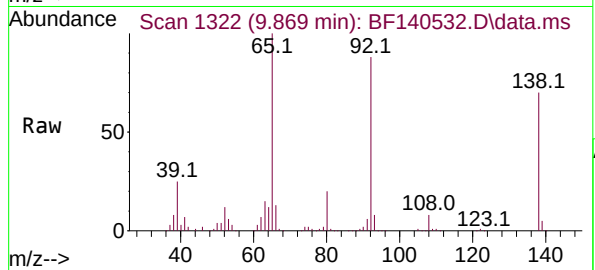
Tgt Ion:154 Resp: 498119
Ion Ratio Lower Upper
154 100
153 112.1 89.7 134.5
152 53.1 42.5 63.7





#53
3-Nitroaniline
Concen: 41.134 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

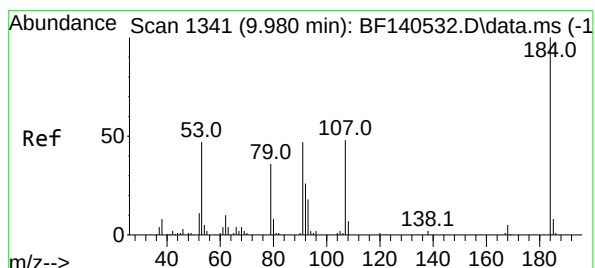
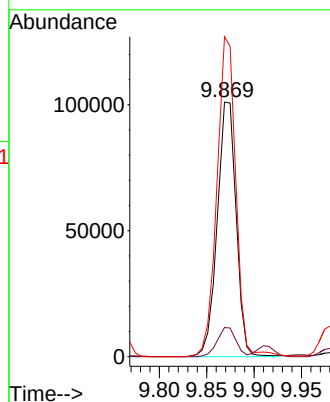
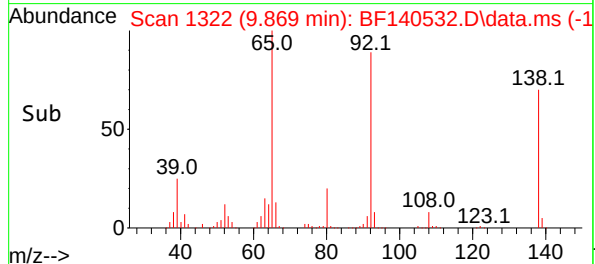
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 140859
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 125.7 100.6 150.8

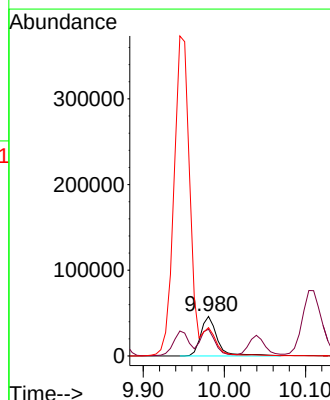
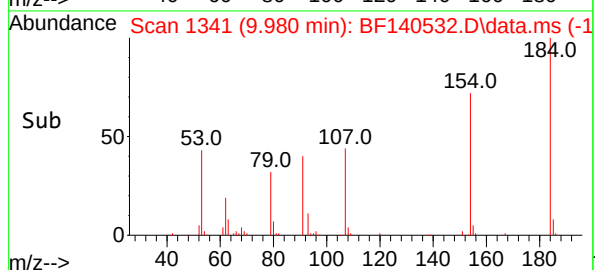
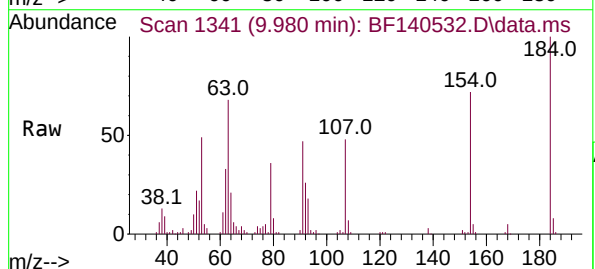
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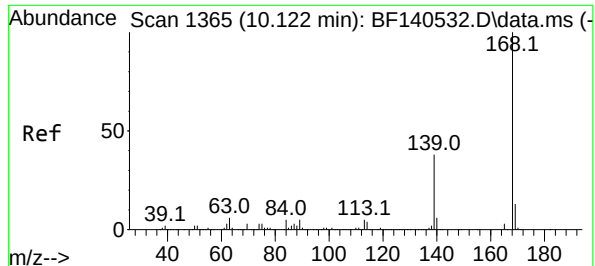
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 40.435 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:184 Resp: 65546
Ion Ratio Lower Upper
184 100
63 67.6 54.1 81.1
154 71.7 57.4 86.0





#55

Dibenzenofuran

Concen: 39.153 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 760308

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

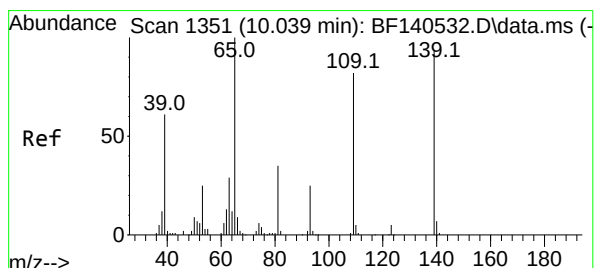
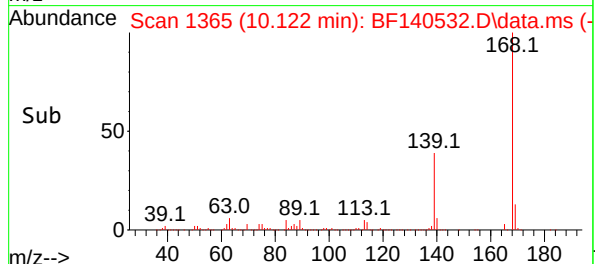
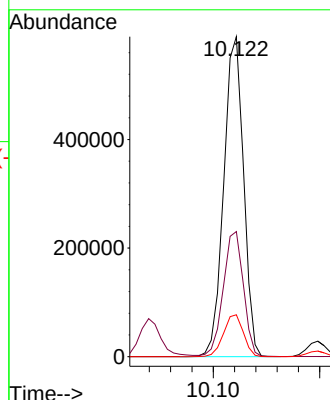
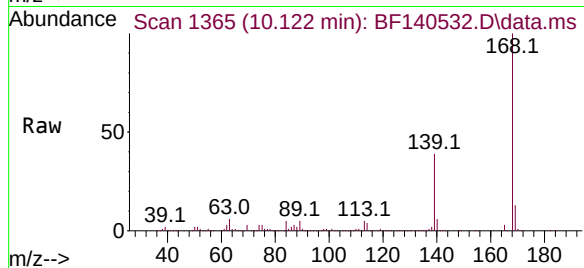
169 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#56

4-Nitrophenol

Concen: 41.591 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

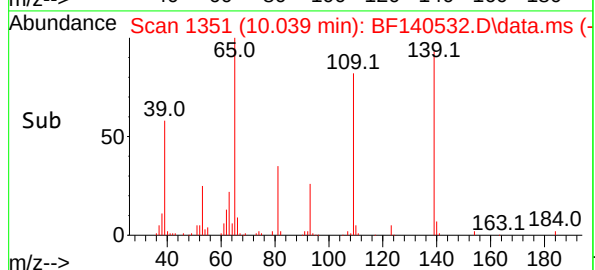
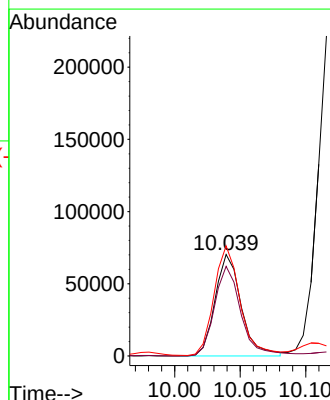
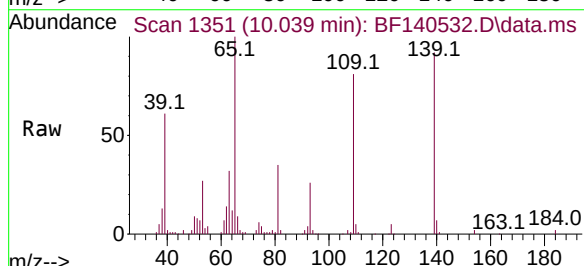
Tgt Ion:139 Resp: 97133

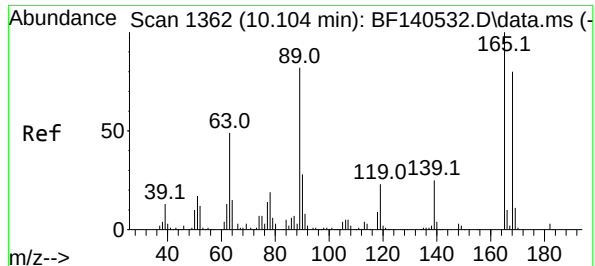
Ion Ratio Lower Upper

139 100

109 88.4 68.4 108.4

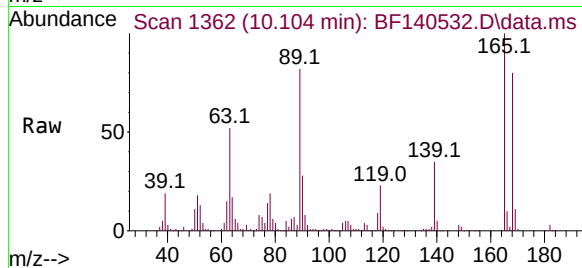
65 108.6 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 40.662 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

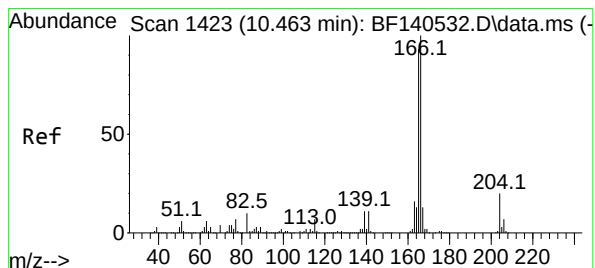
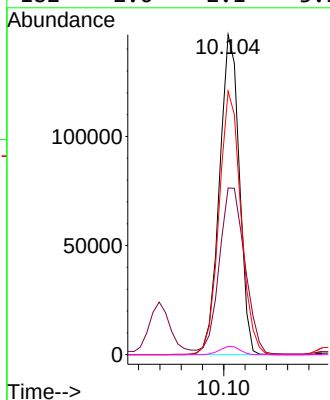
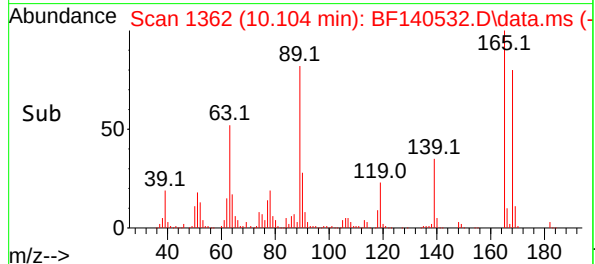
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 18921
Ion Ratio Lower Upper
165 100
63 52.1 41.7 62.5
89 82.3 65.8 98.8
182 2.6 2.1 3.1

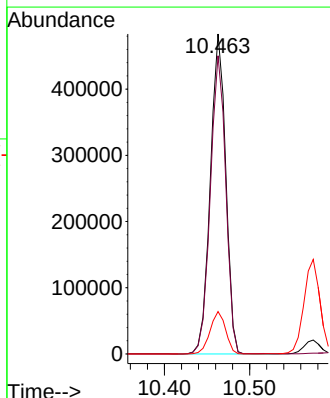
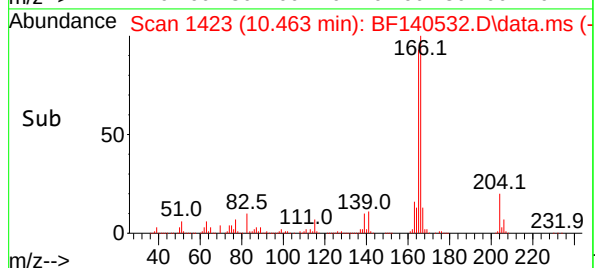
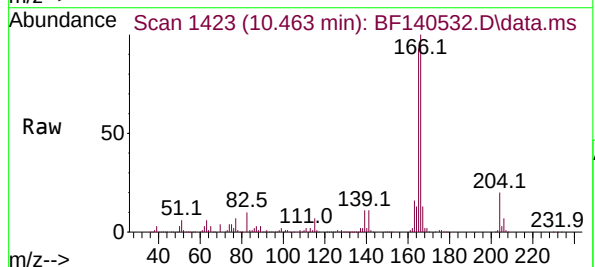
Manual Integrations
APPROVED

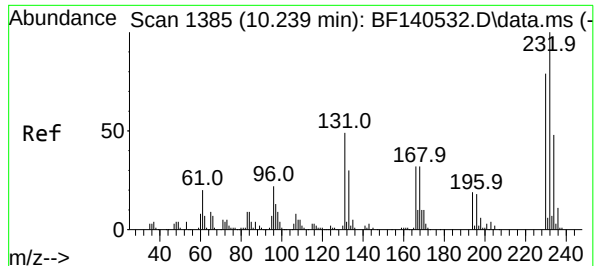
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 38.956 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

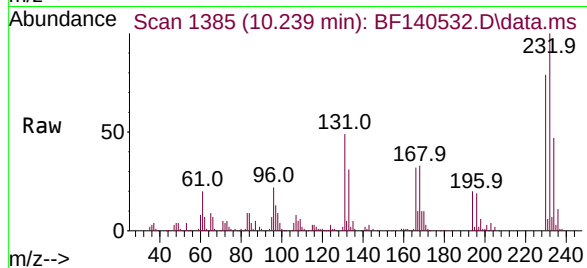
Tgt Ion:166 Resp: 607198
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.757 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

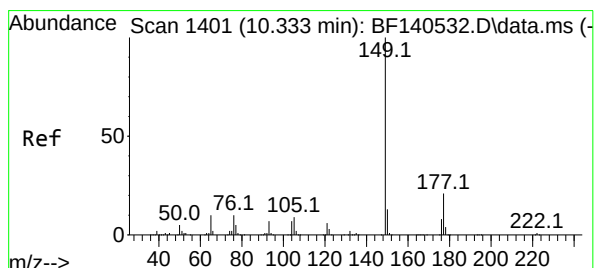
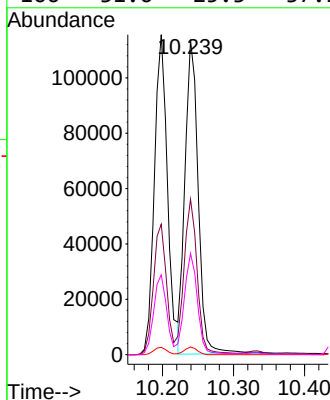
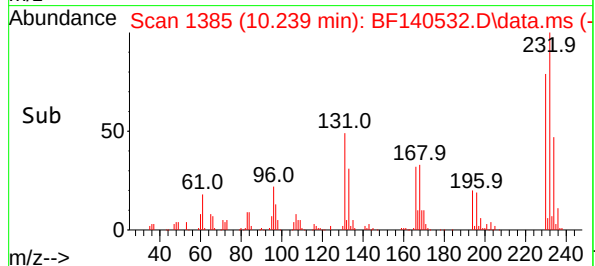
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 14638
Ion Ratio Lower Upper
232 100
131 49.5 39.6 59.4
130 2.4 1.9 2.9
166 31.6 25.3 37.9

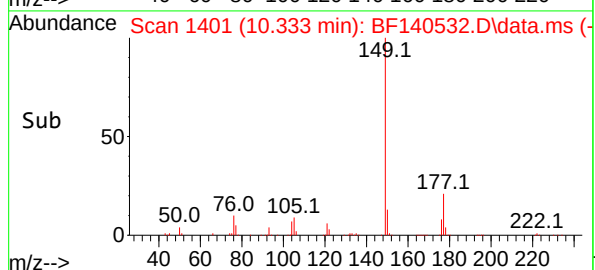
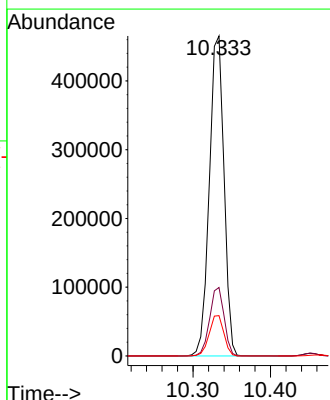
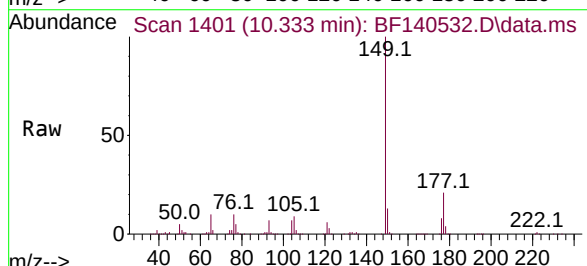
Manual Integrations
APPROVED

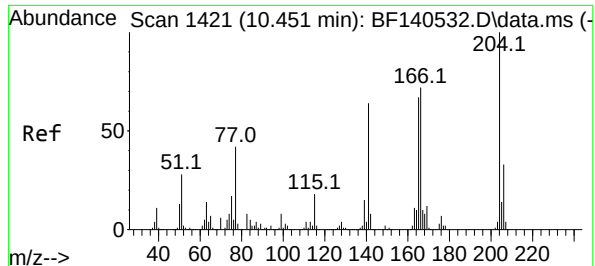
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 39.176 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:149 Resp: 614490
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.6 10.1 15.1





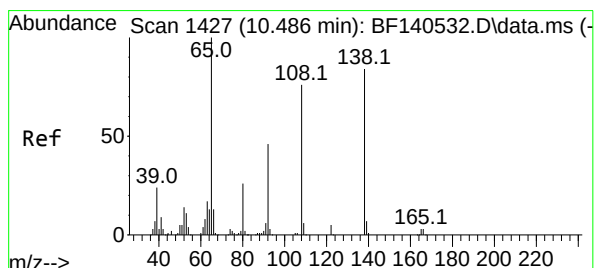
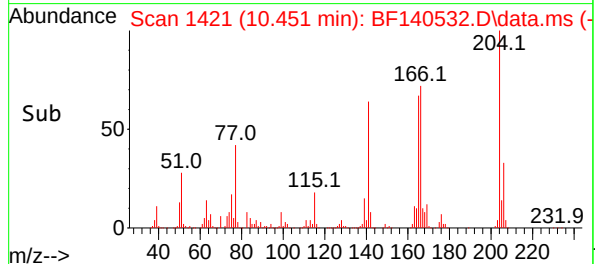
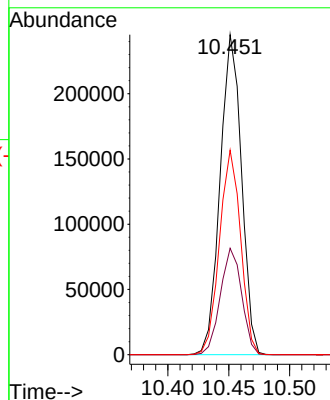
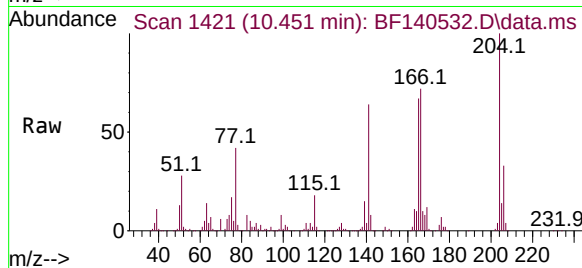
#61
4-Chlorophenyl-phenylether
Concen: 39.175 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 299662
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 63.9 51.1 76.7

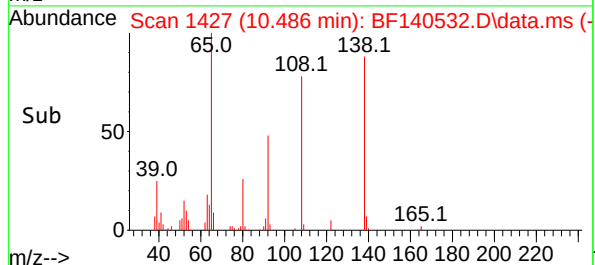
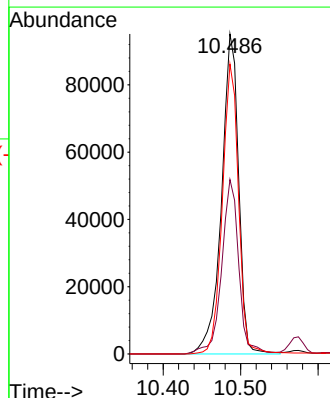
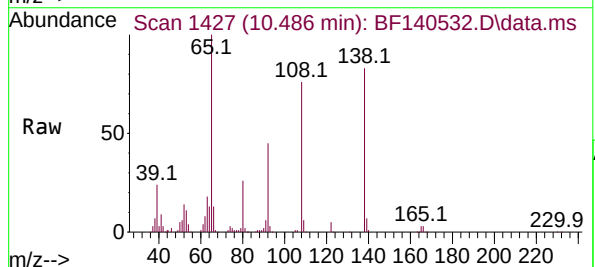
Manual Integrations
APPROVED

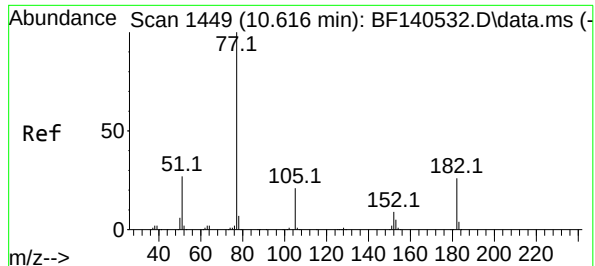
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 40.750 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

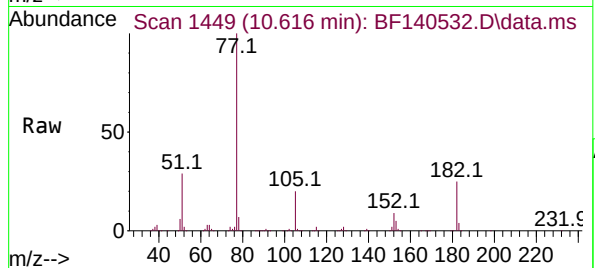
Tgt Ion:138 Resp: 146354
Ion Ratio Lower Upper
138 100
92 54.5 34.5 74.5
108 90.6 70.6 110.6





#63
Azobenzene
Concen: 38.983 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

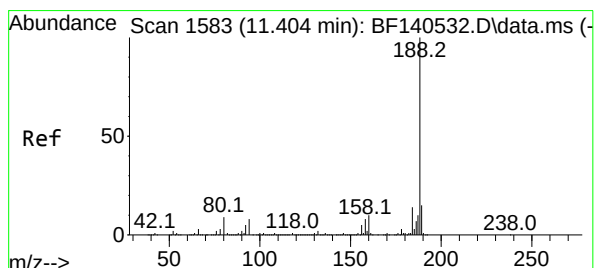
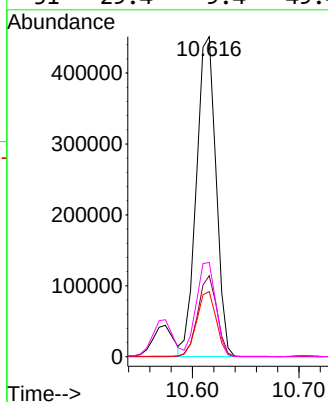
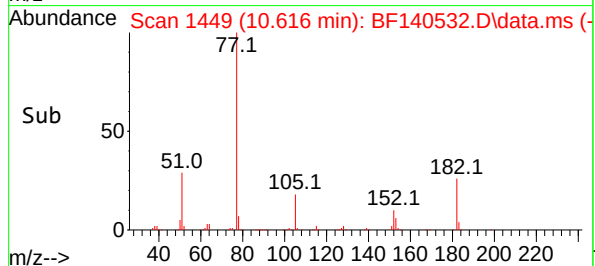
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



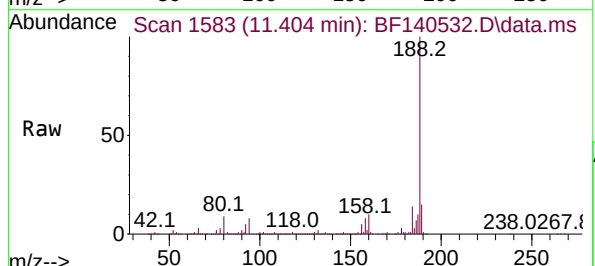
Tgt Ion: 77 Resp: 57904
Ion Ratio Lower Upper
77 100
182 25.3 5.3 45.3
105 20.3 0.3 40.3
51 29.4 9.4 49.4

Manual Integrations
APPROVED

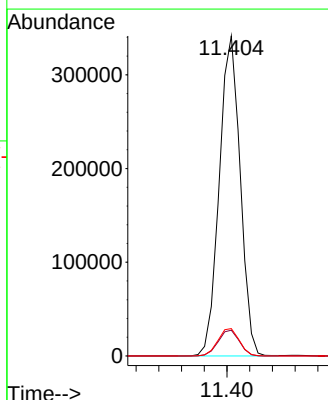
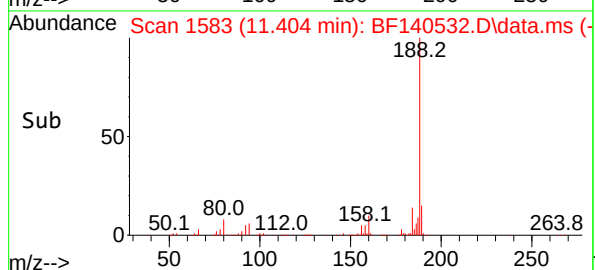
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

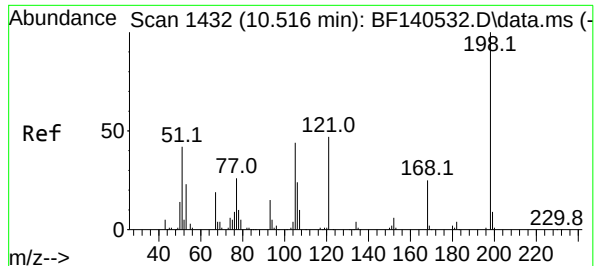


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



Tgt Ion:188 Resp: 437466
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.6 6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 42.998 ng

RT: 10.516 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:198 Resp: 96120

Ion Ratio Lower Upper

198 100

51 49.4 29.4 69.4

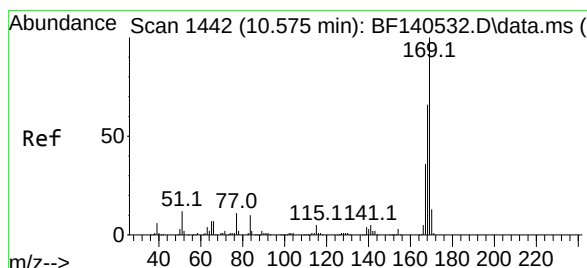
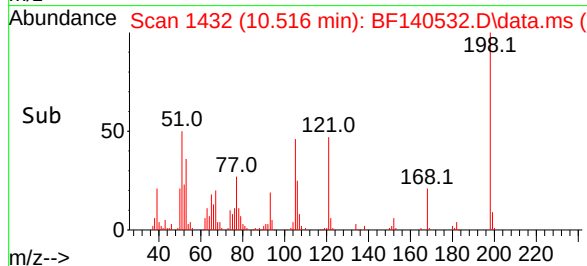
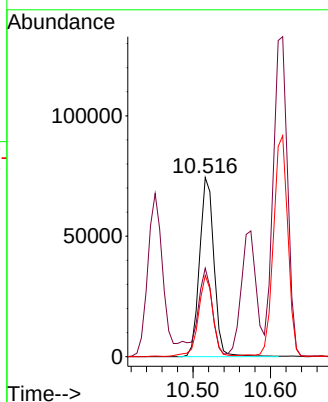
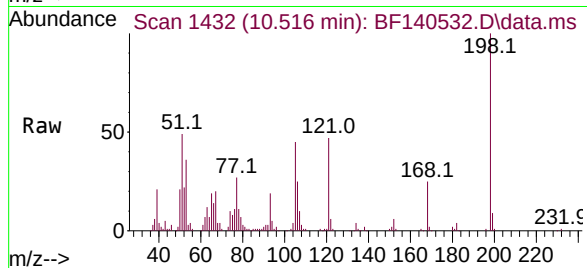
105 45.4 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#66

n-Nitrosodiphenylamine

Concen: 39.070 ng

RT: 10.575 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

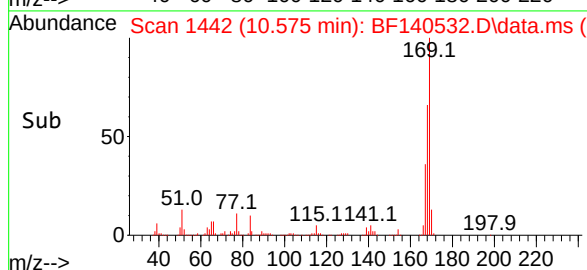
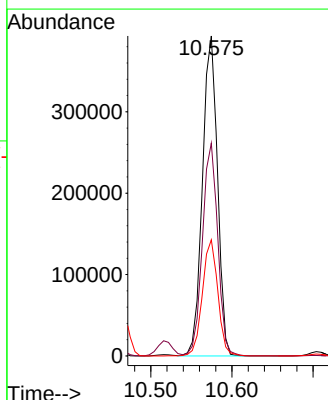
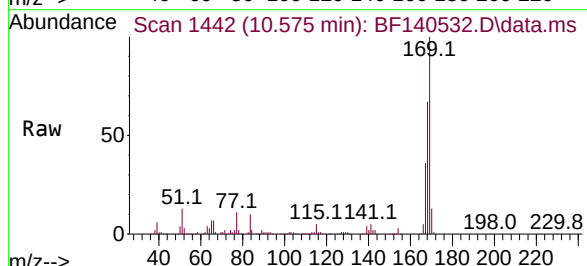
Tgt Ion:169 Resp: 505450

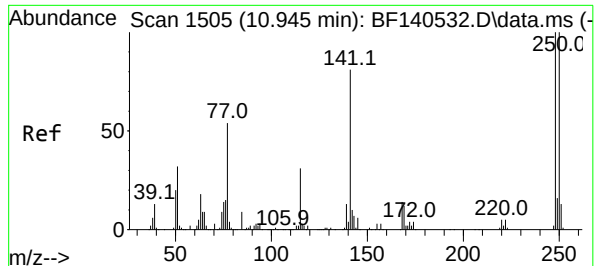
Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

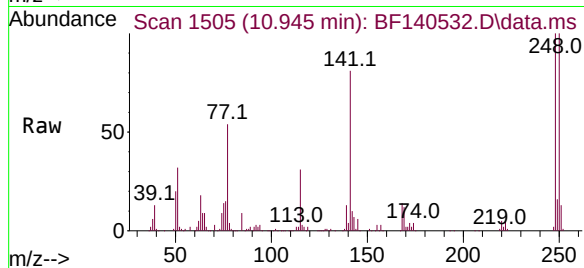
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.787 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

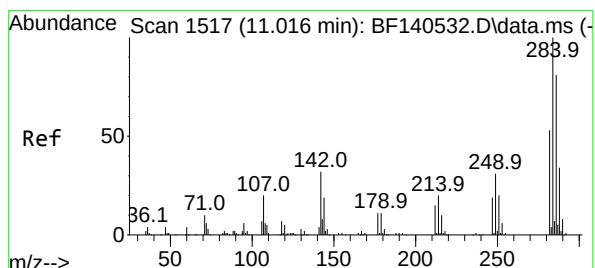
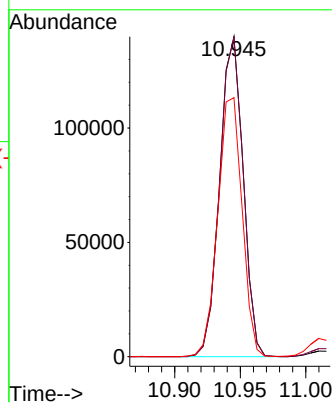
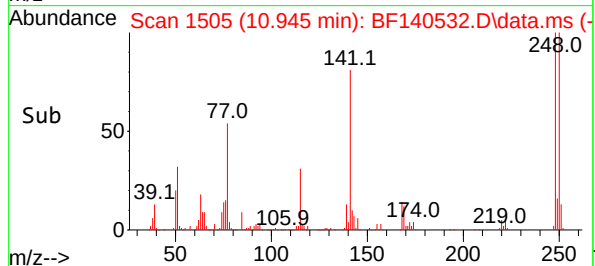
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



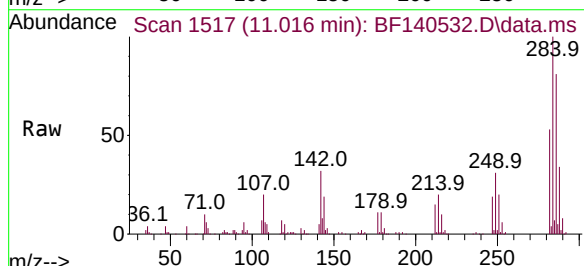
Tgt Ion:248 Resp: 174740
Ion Ratio Lower Upper
248 100
250 99.8 79.8 119.8
141 80.9 64.7 97.1

Manual Integrations
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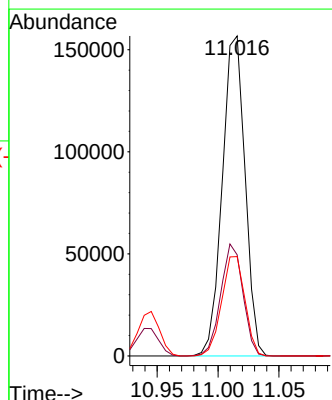
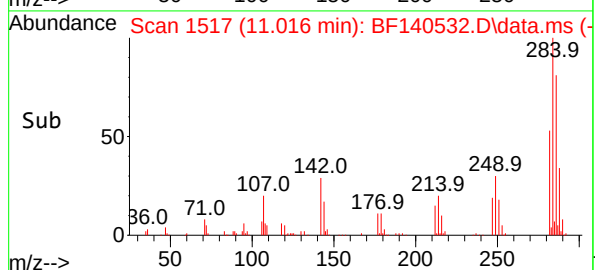
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

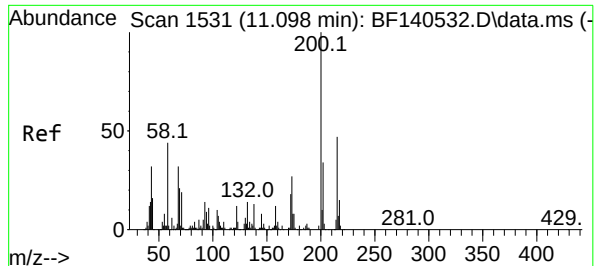


#68
Hexachlorobenzene
Concen: 39.129 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



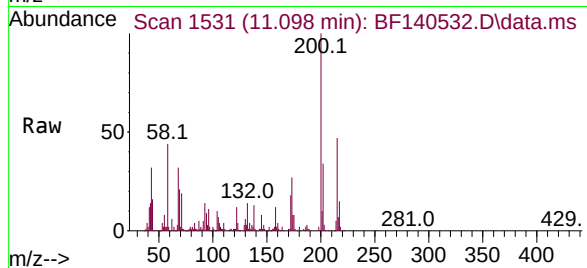
Tgt Ion:284 Resp: 204123
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 31.0 24.8 37.2





#69
Atrazine
Concen: 33.635 ng
RT: 11.098 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

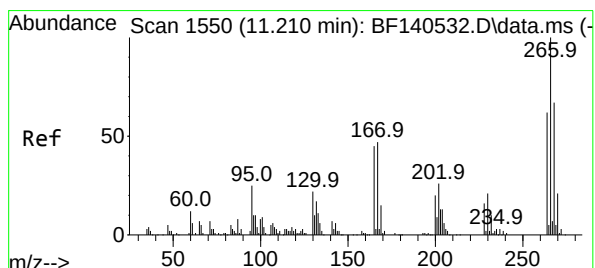
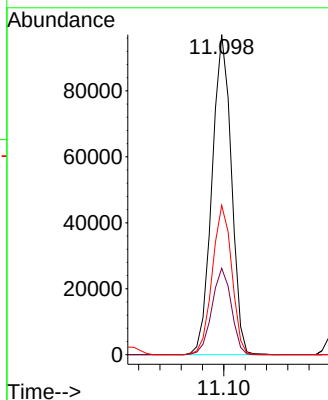
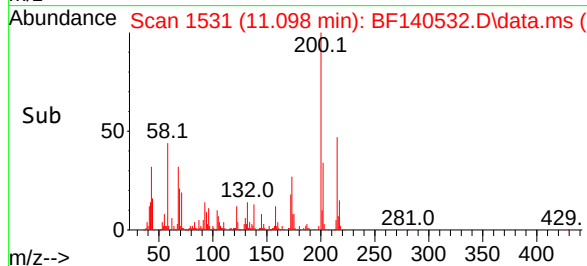
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 12241
Ion Ratio Lower Upper
200 100
173 27.0 7.0 47.0
215 46.7 26.7 66.7

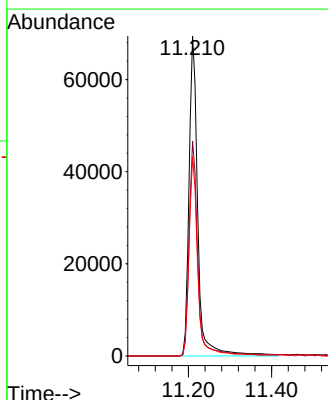
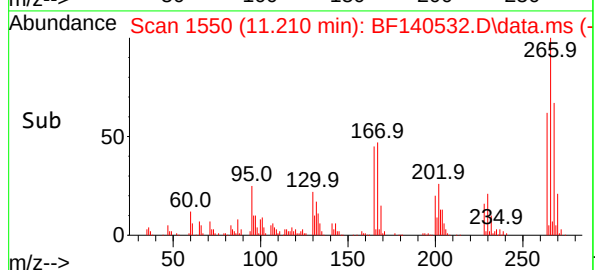
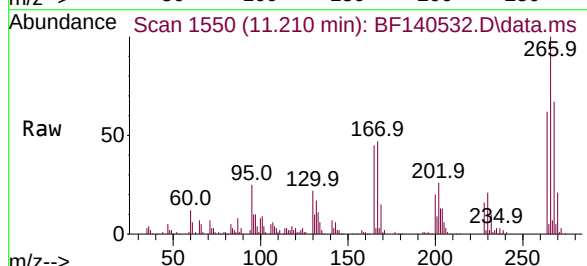
Manual Integrations
APPROVED

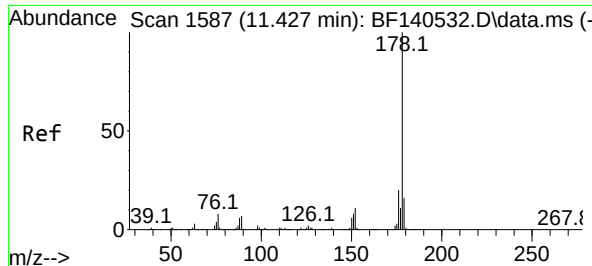
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#70
Pentachlorophenol
Concen: 44.226 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

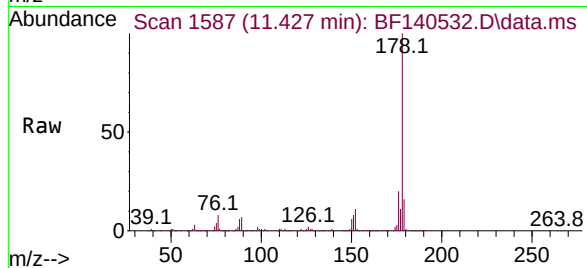
Tgt Ion:266 Resp: 101542
Ion Ratio Lower Upper
266 100
268 67.1 53.7 80.5
264 62.3 49.8 74.8





#71
Phenanthrene
Concen: 39.293 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

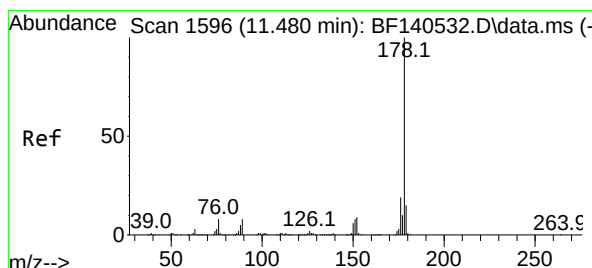
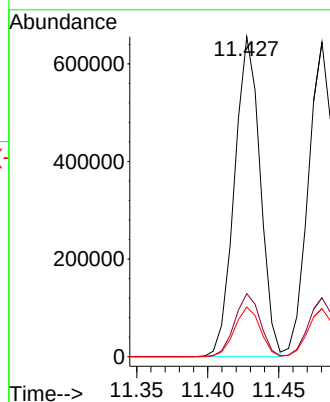
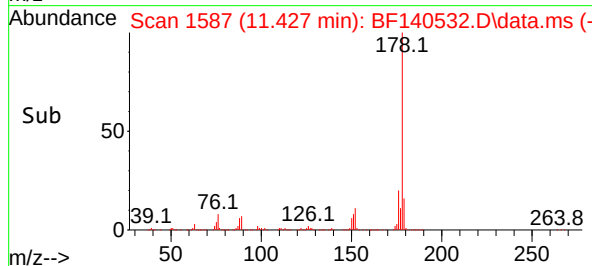
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 826269
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.4 18.6

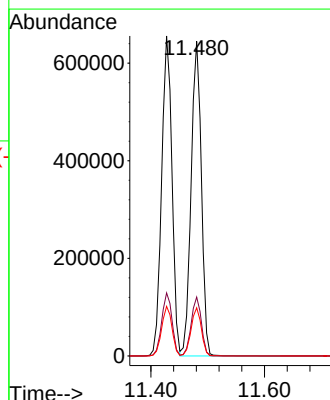
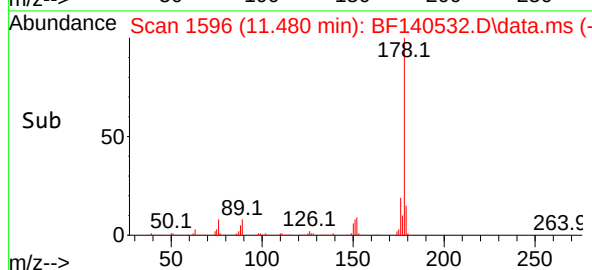
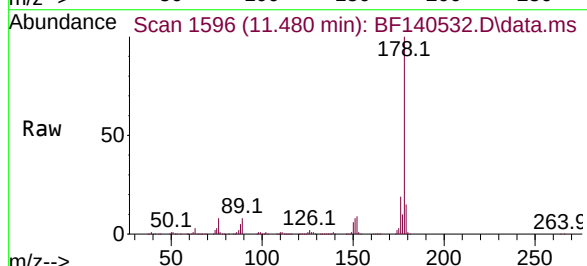
Manual Integrations
APPROVED

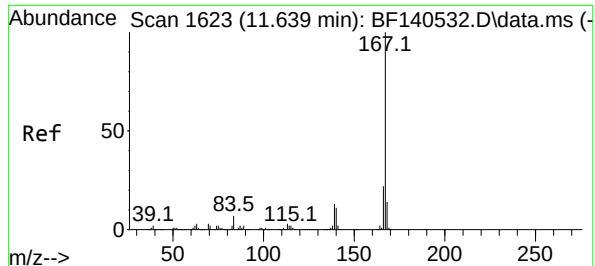
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 39.329 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

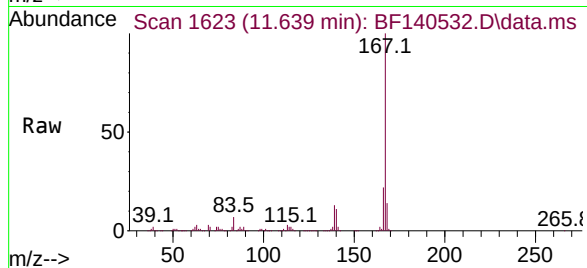
Tgt Ion:178 Resp: 808988
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





#73
Carbazole
Concen: 39.322 ng
RT: 11.639 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

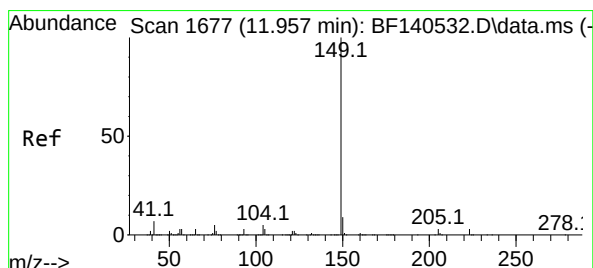
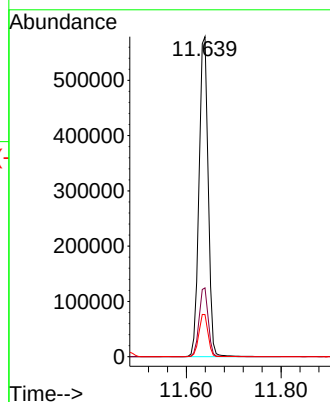
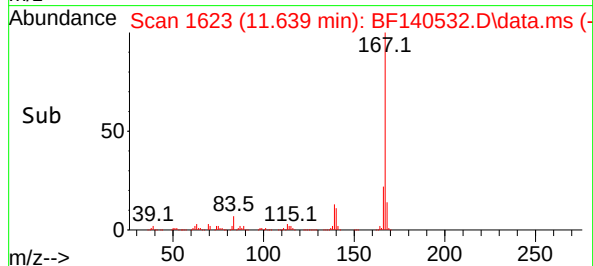
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 778112
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.2 10.6 15.8

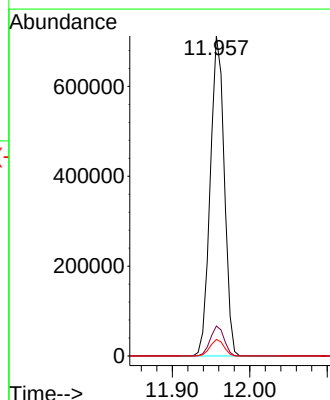
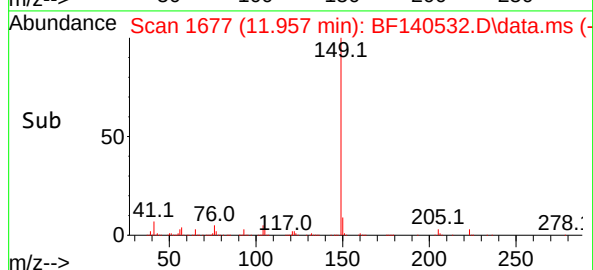
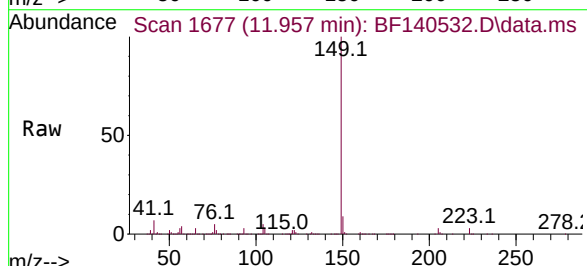
Manual Integrations
APPROVED

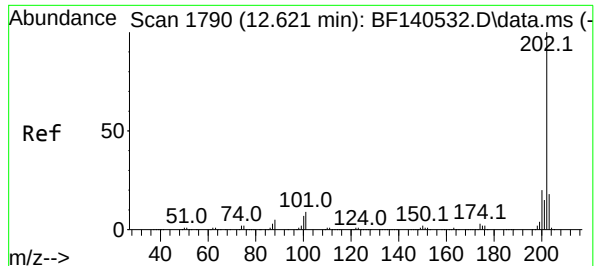
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Di-n-butylphthalate
Concen: 39.186 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

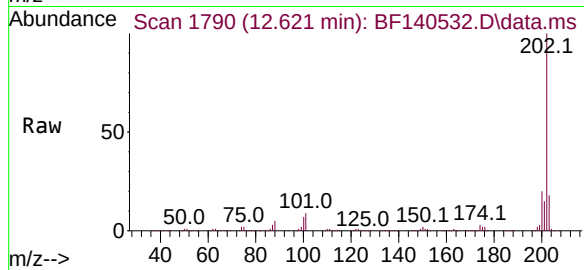
Tgt Ion:149 Resp: 895236
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 38.845 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

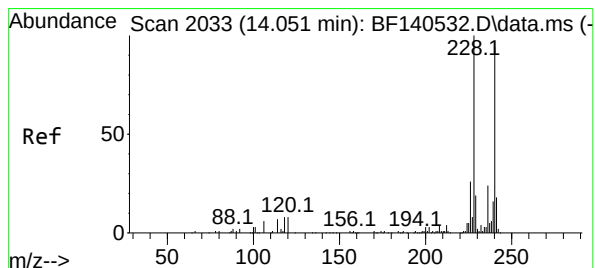
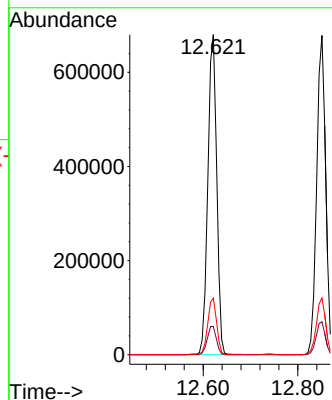
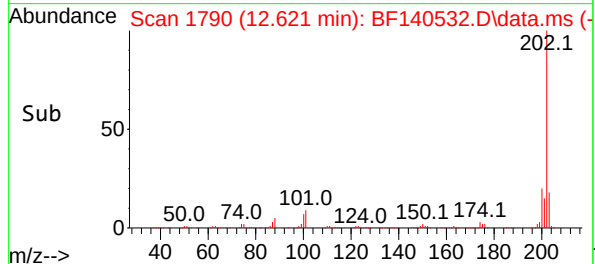
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 886900
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.6 0.0 37.6

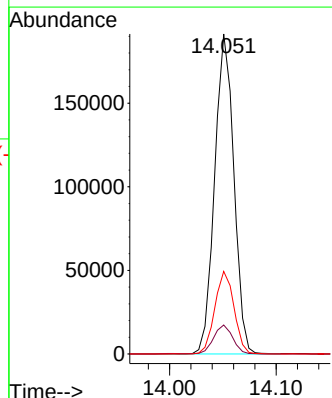
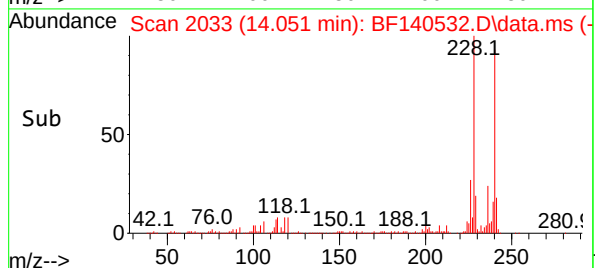
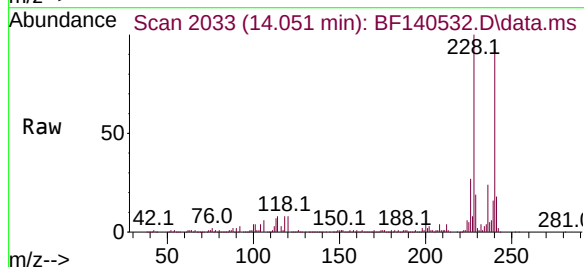
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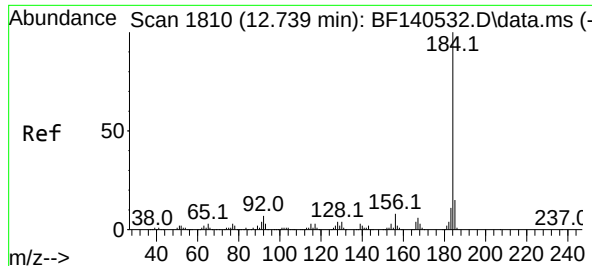
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

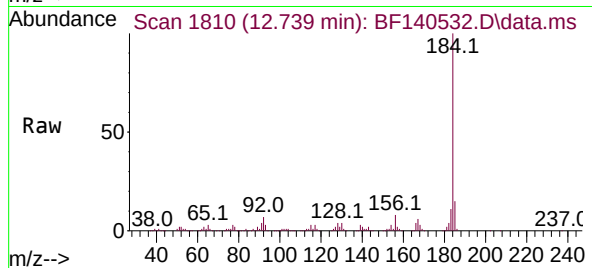
Tgt Ion:240 Resp: 239343
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.8 20.6 31.0





#77
Benzidine
Concen: 39.525 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

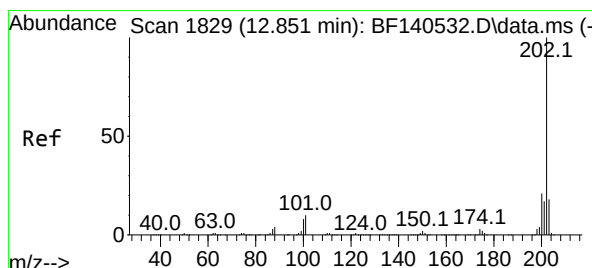
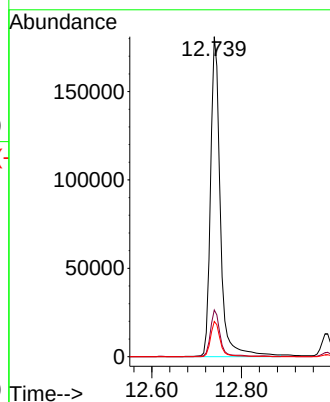
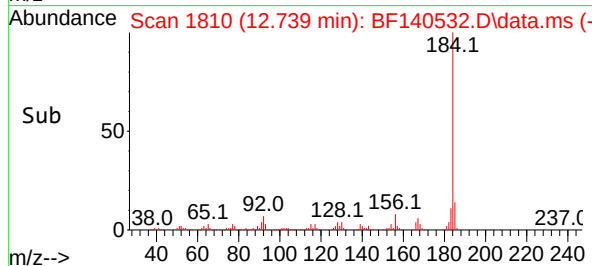
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 27504
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.0 8.8 13.2

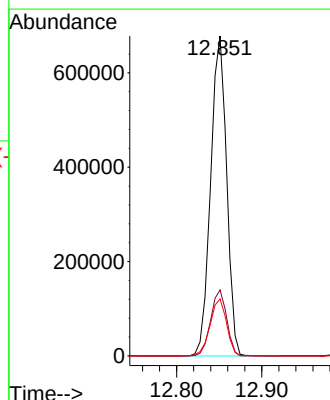
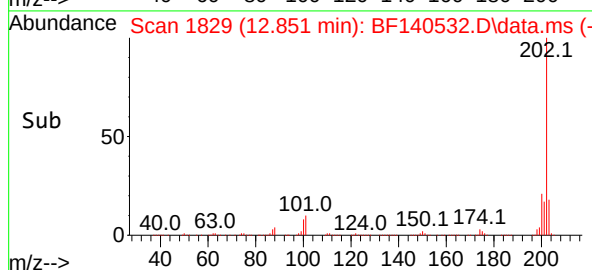
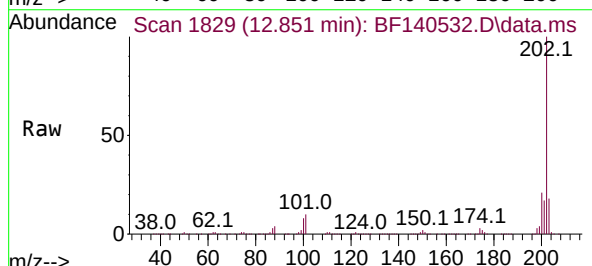
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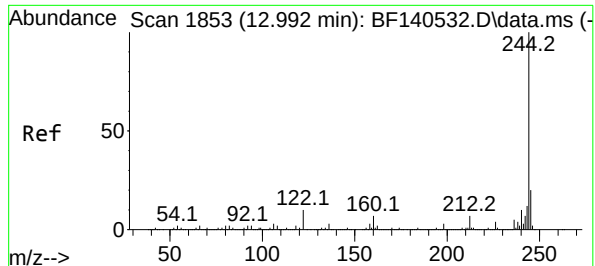
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 40.090 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:202 Resp: 887193
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 79.896 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 1228064

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

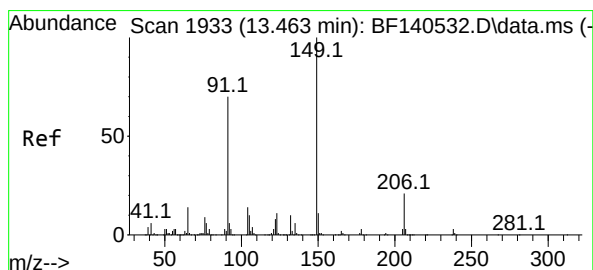
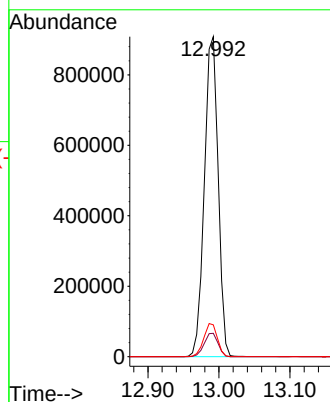
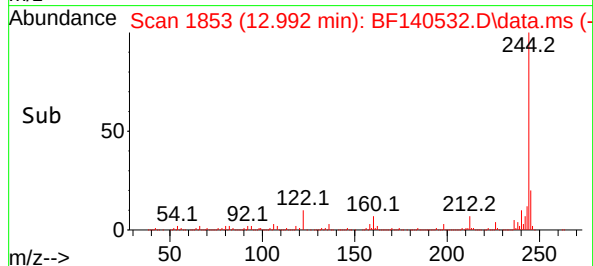
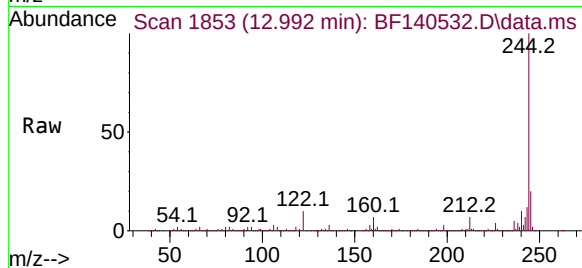
122 10.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 40.751 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

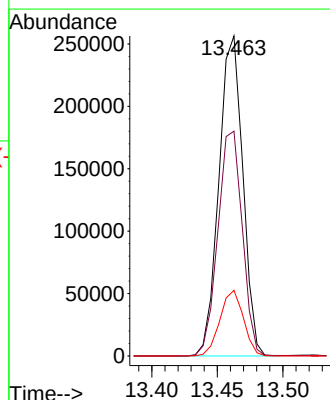
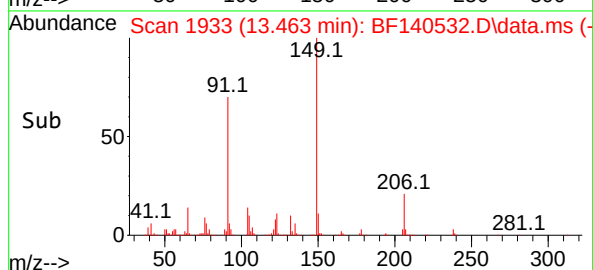
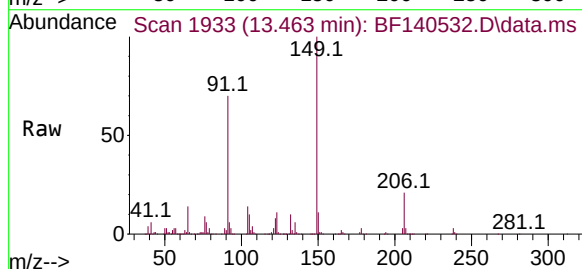
Tgt Ion:149 Resp: 324879

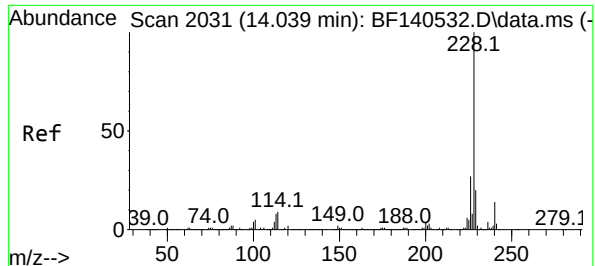
Ion Ratio Lower Upper

149 100

91 70.2 56.2 84.2

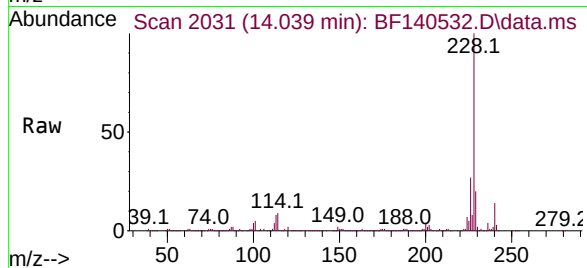
206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 38.868 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

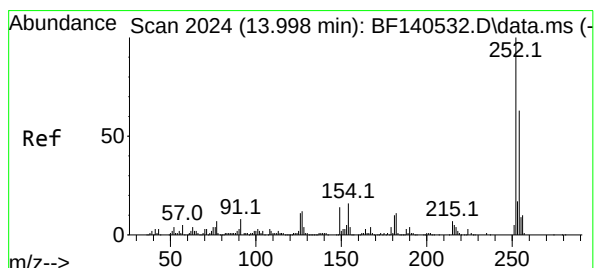
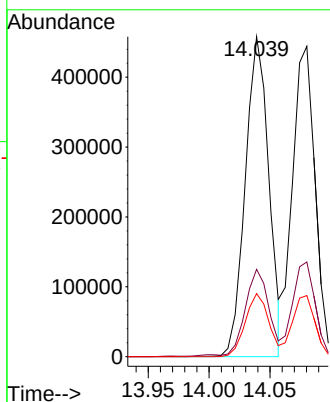
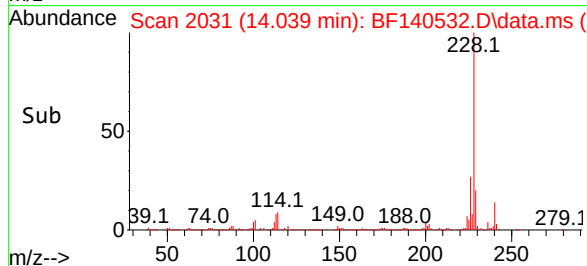
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 615808
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

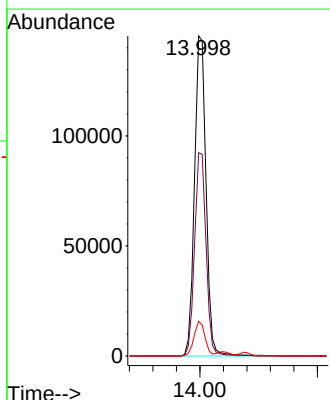
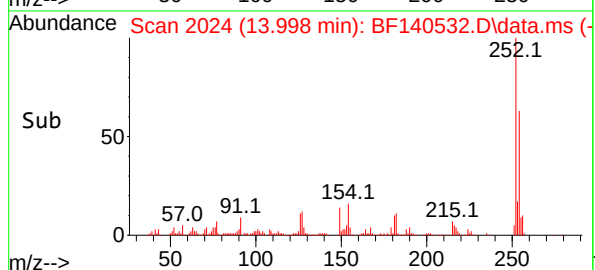
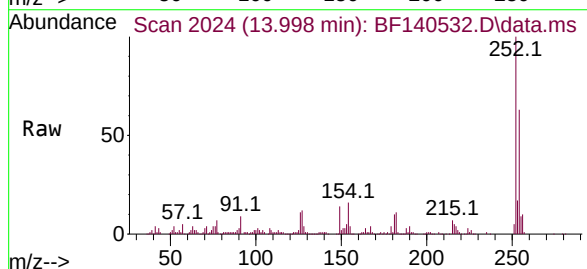
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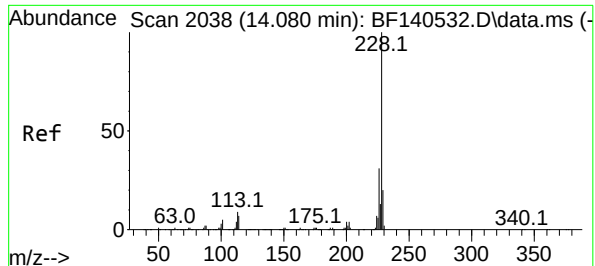
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 41.554 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:252 Resp: 197667
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 10.8 8.6 13.0





#83

Chrysene

Concen: 39.696 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 575079

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

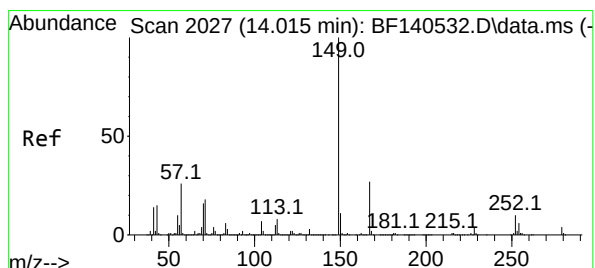
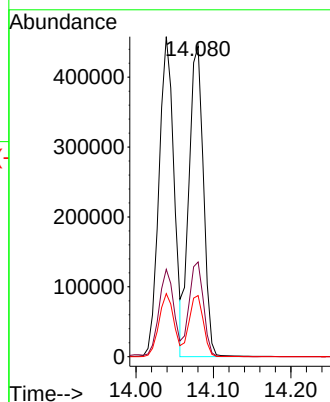
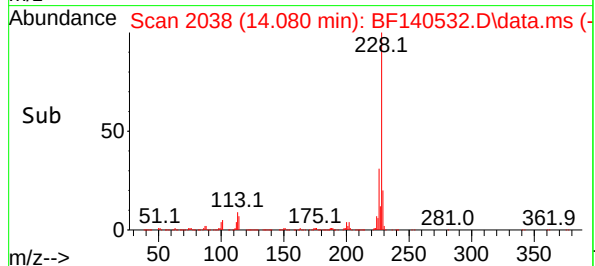
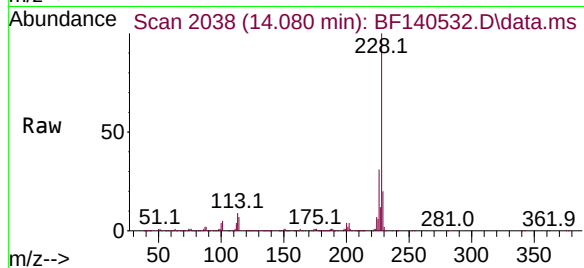
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.604 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

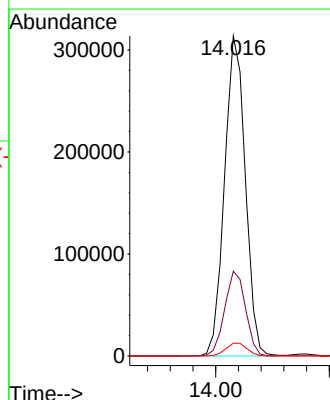
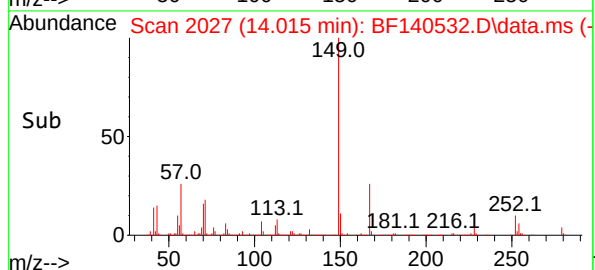
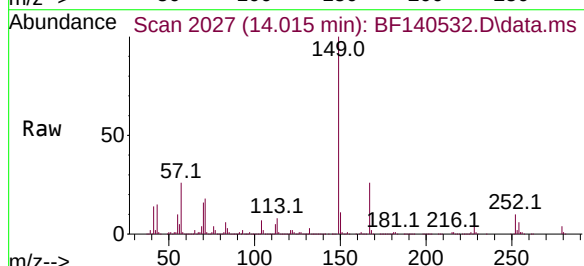
Tgt Ion:149 Resp: 398677

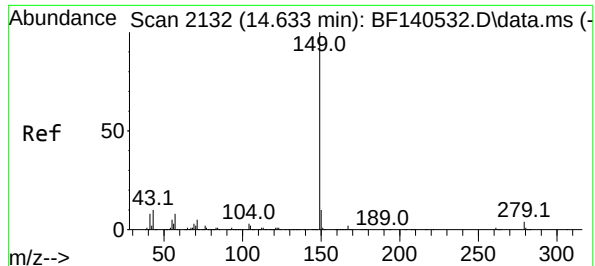
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

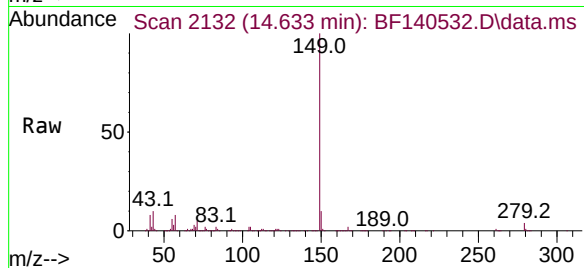
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 39.393 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

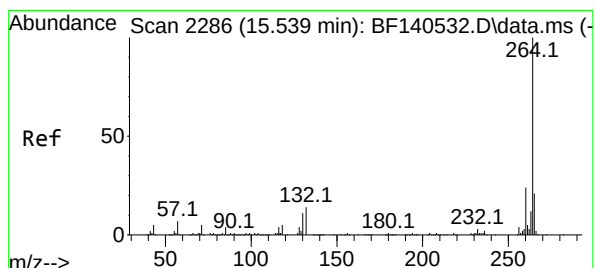
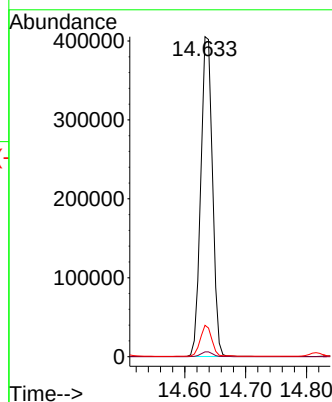
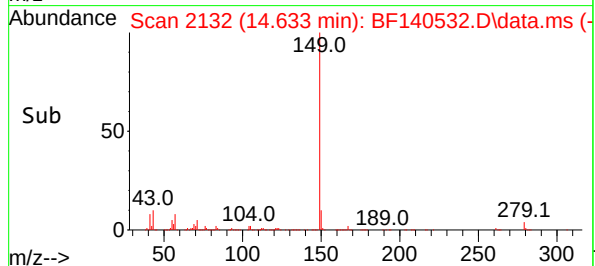
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 54193
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.7 11.5

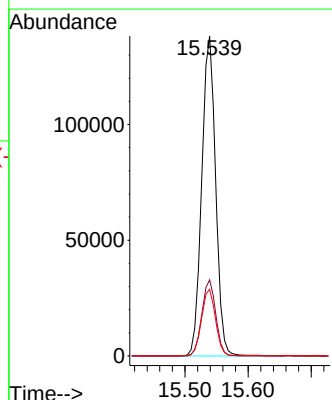
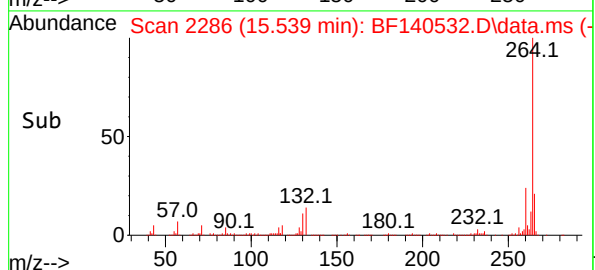
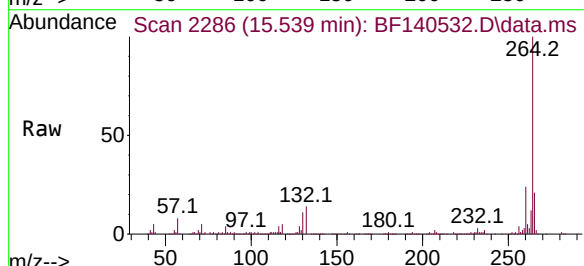
Manual Integrations
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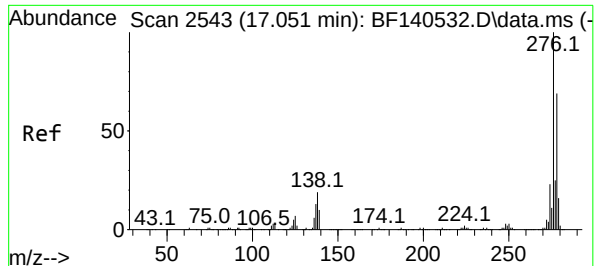
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:264 Resp: 211422
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 20.8 16.6 25.0





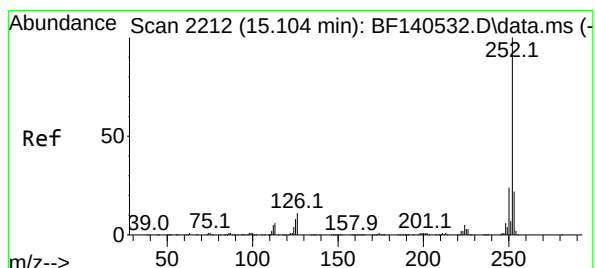
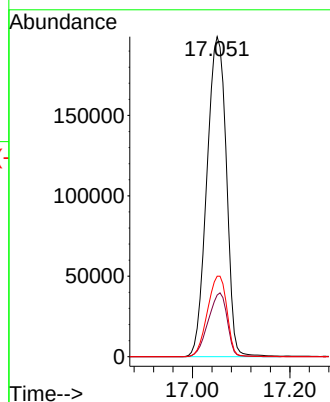
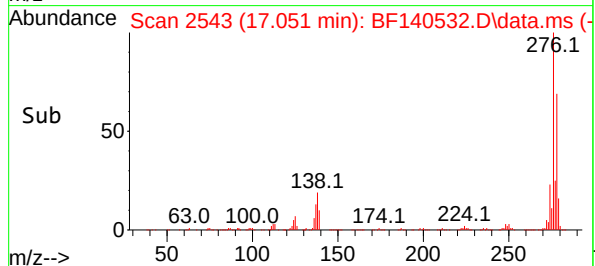
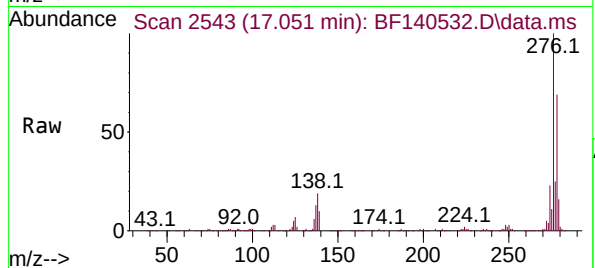
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.034 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 551590
Ion Ratio Lower Upper
276 100
138 19.4 15.5 23.3
277 25.1 20.1 30.1

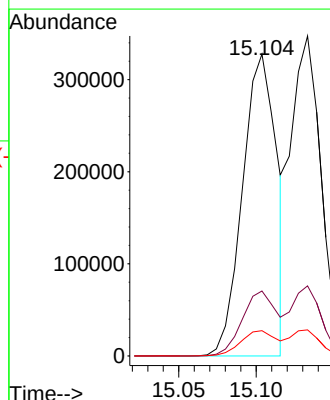
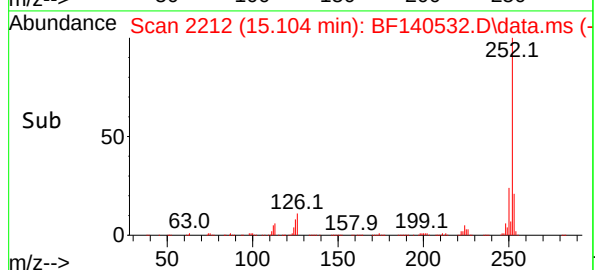
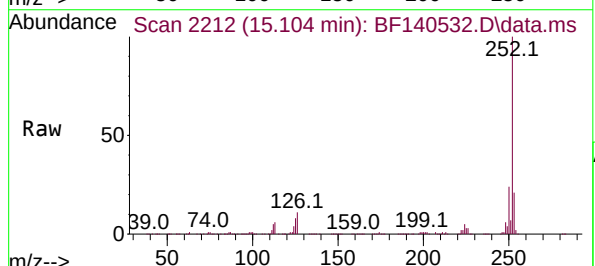
Manual Integrations
APPROVED

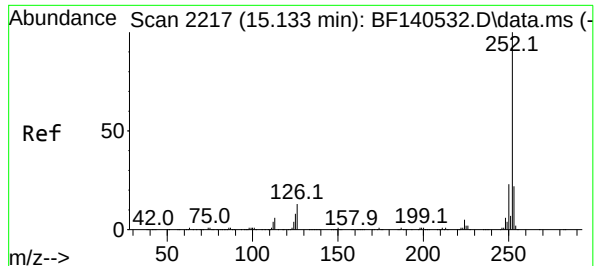
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#88
Benzo(b)fluoranthene
Concen: 37.772 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:252 Resp: 501607
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 40.067 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 465620

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

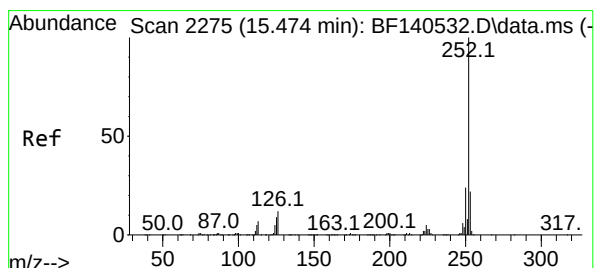
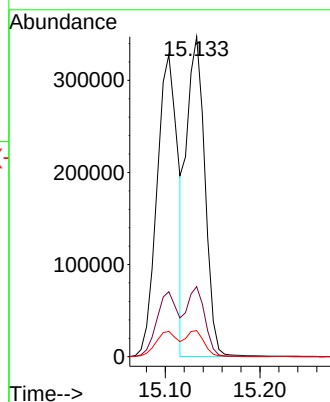
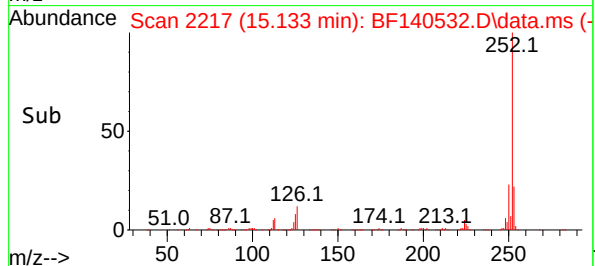
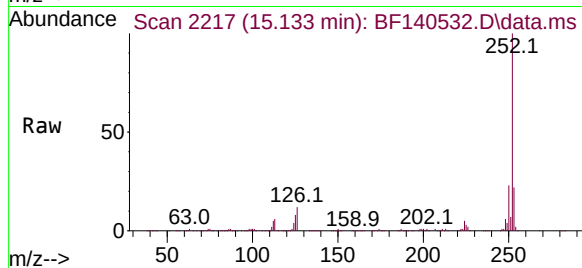
125 8.1 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 39.444 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

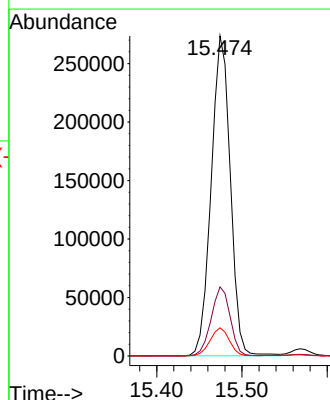
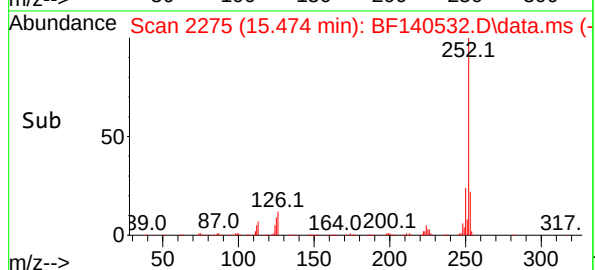
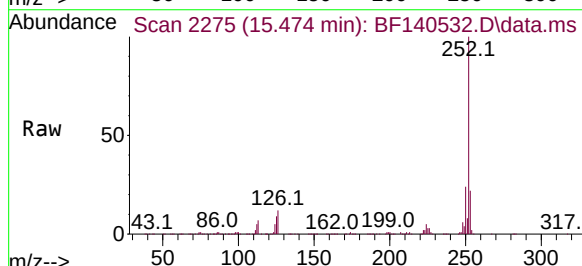
Tgt Ion:252 Resp: 425894

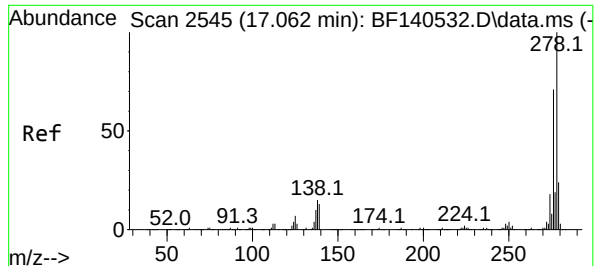
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

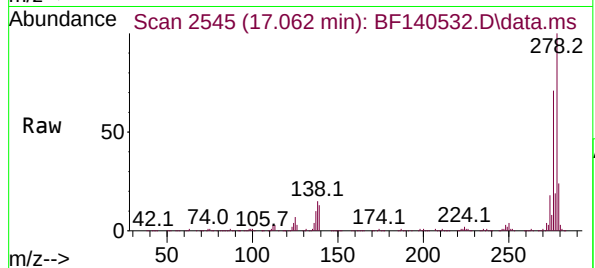
125 8.8 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 40.022 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

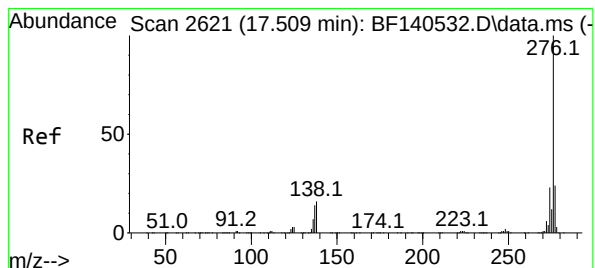
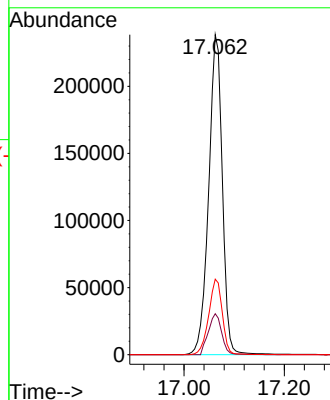
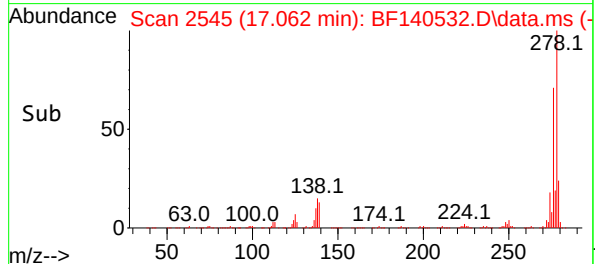
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



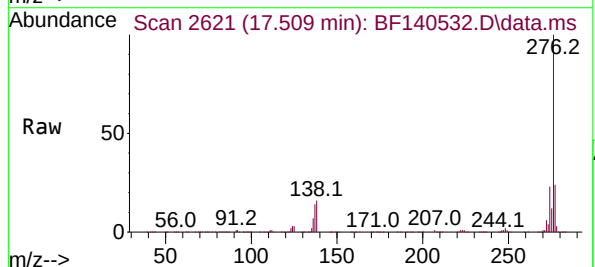
Tgt Ion:278 Resp: 451597
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.6 18.9 28.3

Manual Integrations
APPROVED

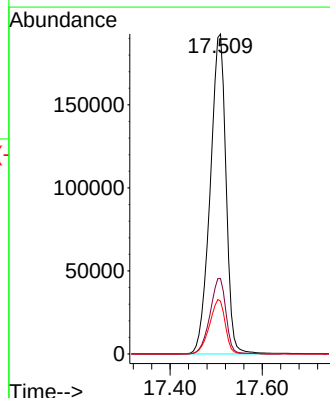
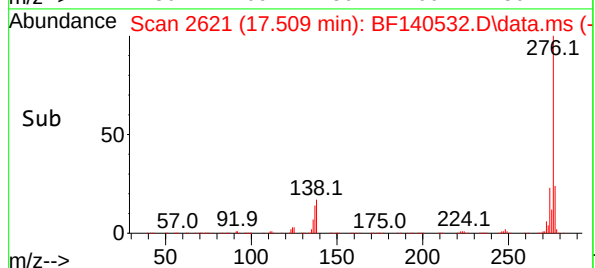
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 39.861 ng
RT: 17.509 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58



Tgt Ion:276 Resp: 458972
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 16.5 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140533.D
 Acq On : 21 Nov 2024 13:25
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 21 15:13:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	117539	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	425301	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	233869	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	432727	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241266	20.000	ng	0.00
86) Perylene-d12	15.545	264	219139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	656695	95.327	ng	0.00
7) Phenol-d6	6.522	99	860924	94.531	ng	0.00
23) Nitrobenzene-d5	7.445	82	801144	96.352	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	245159	98.015	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1467020	93.462	ng	0.00
79) Terphenyl-d14	12.992	244	1481875	95.640	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	132951	45.902	ng	99
3) Pyridine	3.416	79	312094	48.973	ng	97
4) n-Nitrosodimethylamine	3.387	42	185759	49.595	ng	99
6) Aniline	6.545	93	306198	47.767	ng	99
8) 2-Chlorophenol	6.669	128	352950	47.623	ng	97
9) Benzaldehyde	6.428	77	220959	45.830	ng	100
10) Phenol	6.534	94	444859	47.830	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	336892	47.335	ng	100
12) 1,3-Dichlorobenzene	6.816	146	395334	47.472	ng	99
13) 1,4-Dichlorobenzene	6.892	146	399191	47.341	ng	100
14) 1,2-Dichlorobenzene	7.045	146	372552	47.151	ng	98
15) Benzyl Alcohol	7.022	79	327081	48.428	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	392372	46.665	ng	93
17) 2-Methylphenol	7.134	107	280882	47.344	ng	98
18) Hexachloroethane	7.386	117	151045	47.961	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	251453	46.718	ng	99
20) 3+4-Methylphenols	7.292	107	355860	46.666	ng	95
22) Acetophenone	7.286	105	492194	47.469	ng	98
24) Nitrobenzene	7.463	77	412860	48.043	ng	99
25) Isophorone	7.698	82	668649	48.214	ng	100
26) 2-Nitrophenol	7.775	139	189056	49.644	ng	99
27) 2,4-Dimethylphenol	7.816	122	217017	47.628	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	402409	47.630	ng	100
29) 2,4-Dichlorophenol	8.022	162	295023	48.863	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	336812	48.858	ng	98
31) Naphthalene	8.181	128	1055423	48.178	ng	100
32) Benzoic acid	7.957	122	196545	49.333	ng	99
33) 4-Chloroaniline	8.233	127	322212	49.125	ng	99
34) Hexachlorobutadiene	8.292	225	221707	48.555	ng	99
35) Caprolactam	8.616	113	90596	48.486	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	326418	48.287	ng	99
37) 2-Methylnaphthalene	8.869	142	662592	47.620	ng	100
38) 1-Methylnaphthalene	8.969	142	649248	47.603	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	328190	47.935	ng	99
41) Hexachlorocyclopentadiene	9.016	237	70831	49.123	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	212974	49.574	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140533.D
 Acq On : 21 Nov 2024 13:25
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

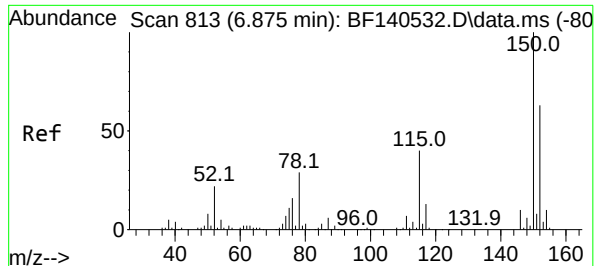
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	227840	48.866	ng	98
46) 1,1'-Biphenyl	9.333	154	834139	47.772	ng	99
47) 2-Chloronaphthalene	9.363	162	632459	47.803	ng	99
48) 2-Nitroaniline	9.457	65	212420	50.020	ng	98
49) Acenaphthylene	9.775	152	951784	47.612	ng	99
50) Dimethylphthalate	9.639	163	740559	48.081	ng	99
51) 2,6-Dinitrotoluene	9.704	165	169989	48.663	ng	96
52) Acenaphthene	9.951	154	615149	47.524	ng	99
53) 3-Nitroaniline	9.875	138	169234	49.534	ng	96
54) 2,4-Dinitrophenol	9.980	184	84985	50.205	ng	99
55) Dibenzofuran	10.122	168	911771	47.061	ng	99
56) 4-Nitrophenol	10.045	139	124021	53.227	ng	98
57) 2,4-Dinitrotoluene	10.110	165	225762	48.629	ng	98
58) Fluorene	10.463	166	738453	47.486	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	178549	49.828	ng	97
60) Diethylphthalate	10.333	149	755358	48.268	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	361856	47.414	ng	100
62) 4-Nitroaniline	10.492	138	180999	50.512	ng	99
63) Azobenzene	10.616	77	704370	47.529	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	119290	53.947	ng	99
66) n-Nitrosodiphenylamine	10.574	169	623715	48.740	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	216523	48.587	ng	97
68) Hexachlorobenzene	11.016	284	251498	48.739	ng	100
69) Atrazine	11.098	200	159048	44.180	ng	99
70) Pentachlorophenol	11.210	266	124128	54.656	ng	99
71) Phenanthrene	11.427	178	1000897	48.118	ng	100
72) Anthracene	11.480	178	978923	48.111	ng	100
73) Carbazole	11.639	167	948090	48.436	ng	99
74) Di-n-butylphthalate	11.957	149	1105032	48.899	ng	100
75) Fluoranthene	12.621	202	1080641	47.849	ng	100
77) Benzidine	12.745	184	442856	63.133	ng	100
78) Pyrene	12.851	202	1080149	48.420	ng	100
80) Butylbenzylphthalate	13.463	149	394867	49.136	ng	99
81) Benzo(a)anthracene	14.045	228	780853	48.892	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	244892	51.072	ng	99
83) Chrysene	14.080	228	685847	46.964	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	497161	48.994	ng	100
85) Di-n-octyl phthalate	14.645	149	692020	49.901	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	715720	50.117	ng	100
88) Benzo(b)fluoranthene	15.109	252	683919	49.687	ng	100
89) Benzo(k)fluoranthene	15.139	252	559704	46.467	ng	100
90) Benzo(a)pyrene	15.486	252	546539	48.835	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	588742	50.339	ng	99
92) Benzo(g,h,i)perylene	17.521	276	599158	50.203	ng	99

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

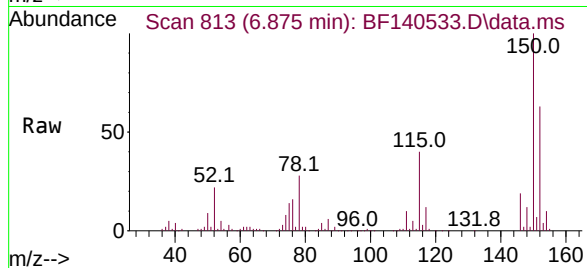
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BNA_F
ClientSampleId :
SSTDICC050

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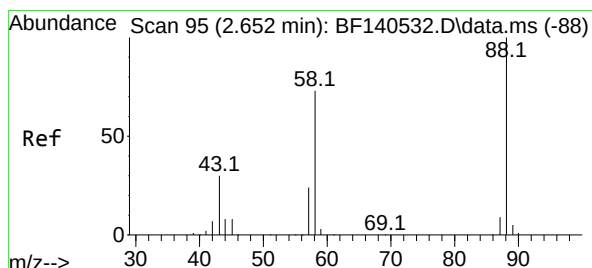
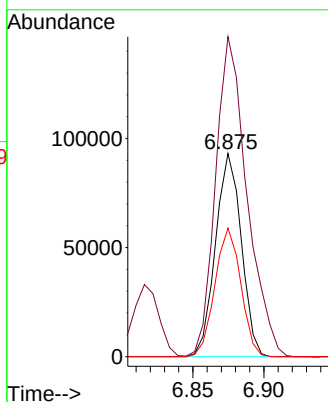
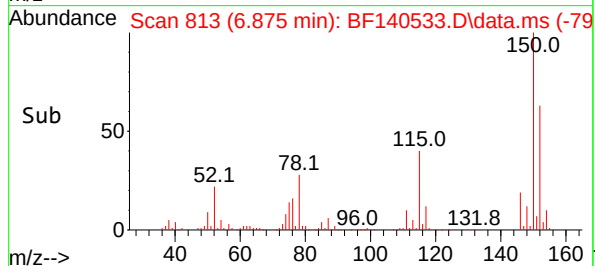


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

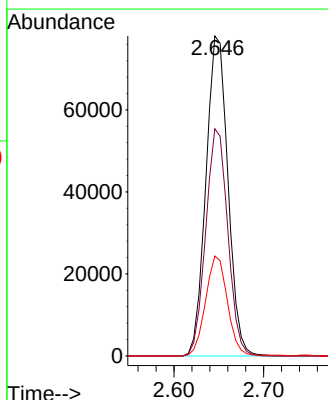
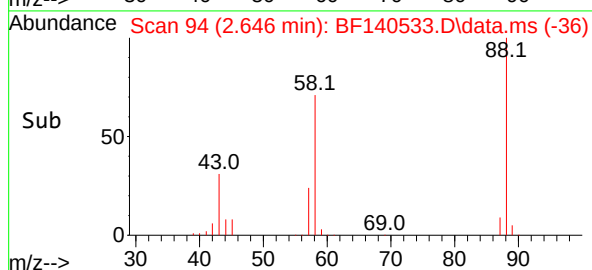
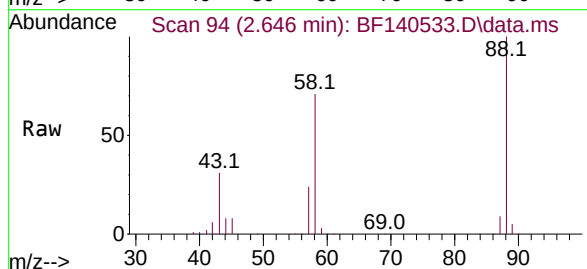


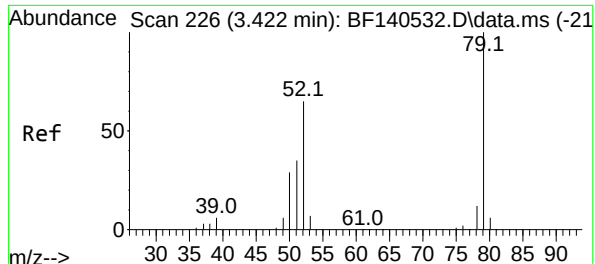
Tgt Ion:152 Resp: 117539
Ion Ratio Lower Upper
152 100
150 157.5 128.5 192.7
115 63.3 50.2 75.4



#2
1,4-Dioxane
Concen: 45.902 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion: 88 Resp: 132951
Ion Ratio Lower Upper
88 100
58 71.1 57.4 86.2
43 31.0 24.3 36.5

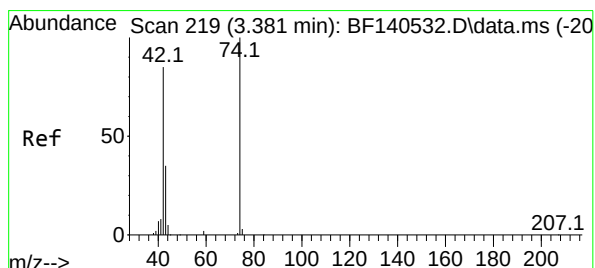
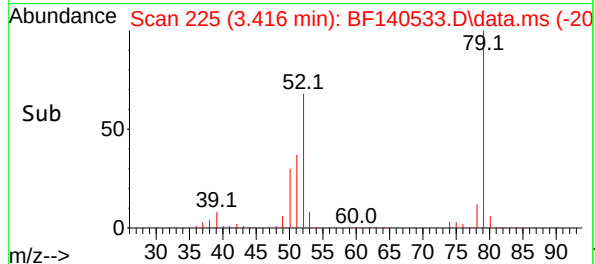
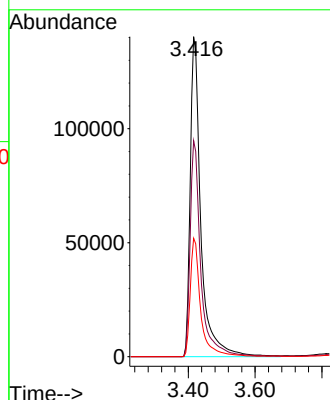
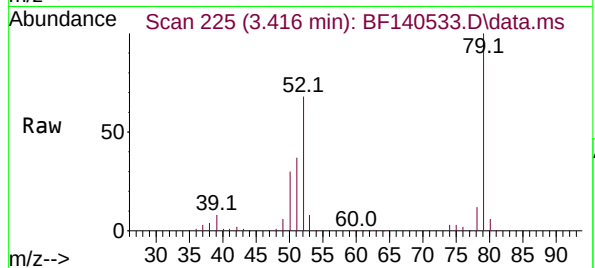




#3
Pyridine
Concen: 48.973 ng
RT: 3.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

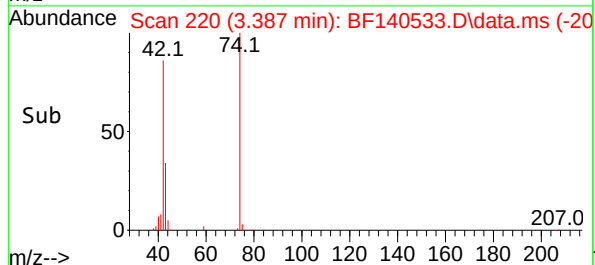
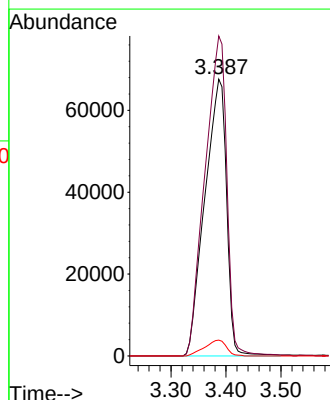
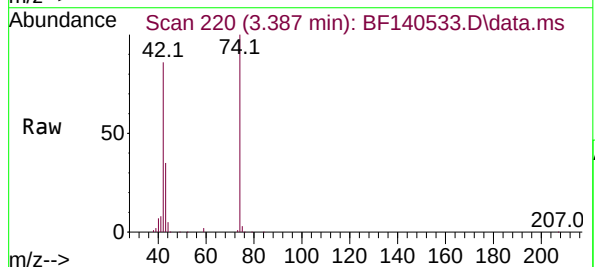
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

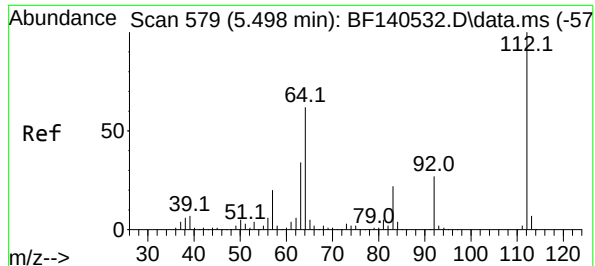
Tgt Ion: 79 Resp: 312094
Ion Ratio Lower Upper
79 100
52 67.5 52.1 78.1
51 37.0 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 49.595 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion: 42 Resp: 185759
Ion Ratio Lower Upper
42 100
74 115.6 93.8 140.6
44 5.7 4.6 6.8

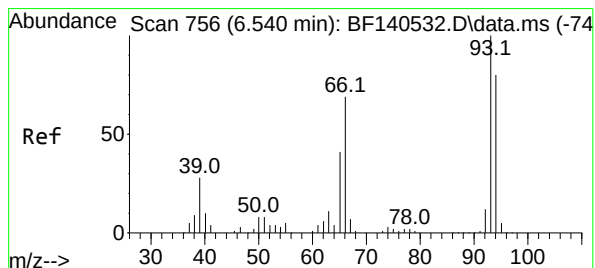
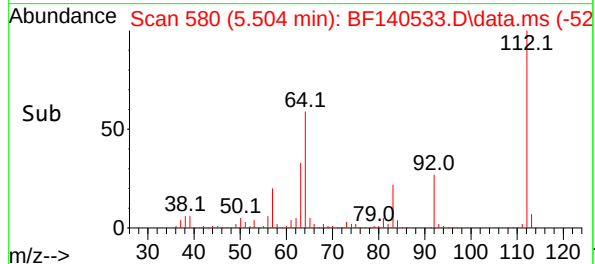
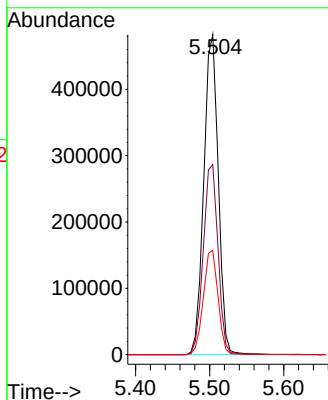
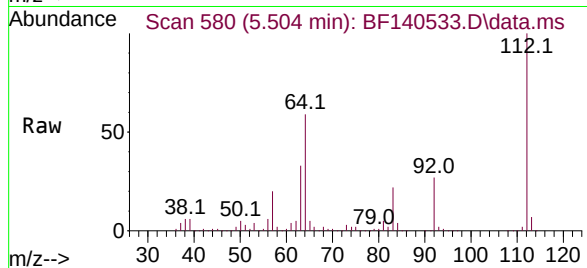




#5
2-Fluorophenol
Concen: 95.327 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

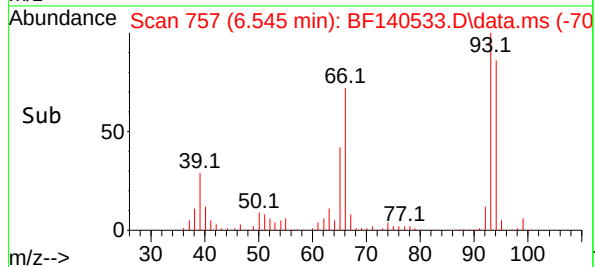
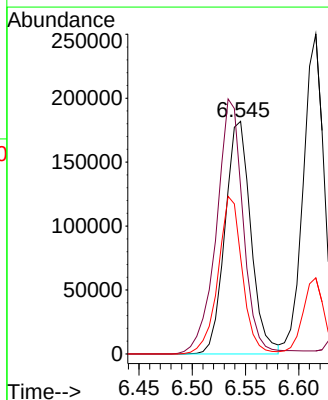
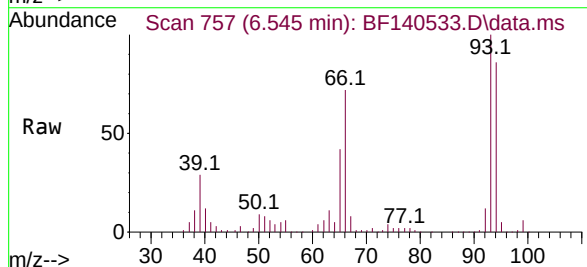
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

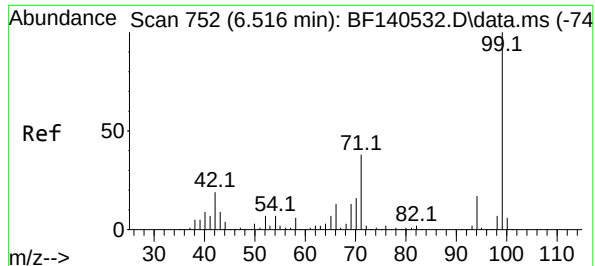
Tgt Ion:112 Resp: 656695
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 32.7 27.0 40.4



#6
Aniline
Concen: 47.767 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion: 93 Resp: 306198
Ion Ratio Lower Upper
93 100
66 71.8 56.5 84.7
65 41.5 32.9 49.3





#7

Phenol-d6

Concen: 94.531 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

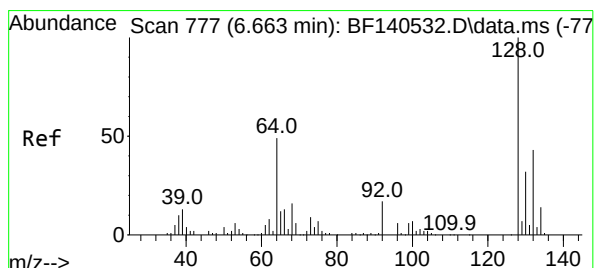
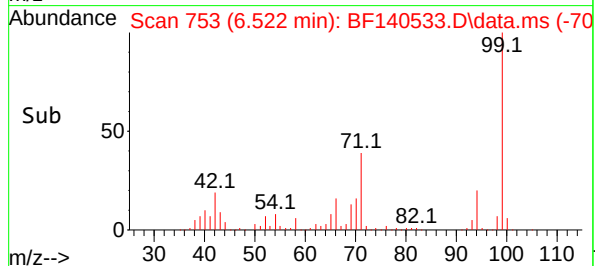
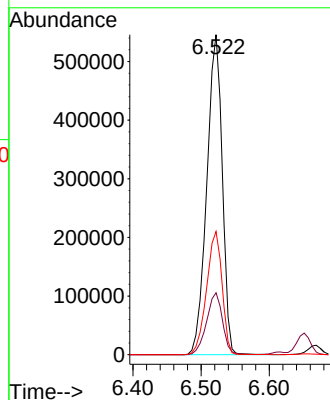
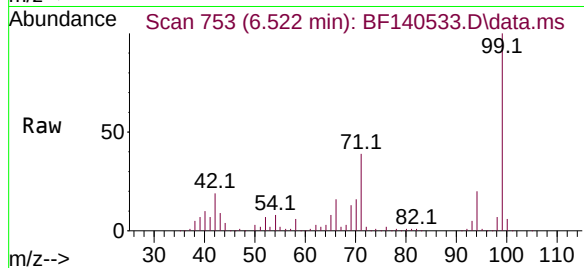
Tgt Ion: 99 Resp: 860924

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.0

71 38.5 30.6 46.0



#8

2-Chlorophenol

Concen: 47.623 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

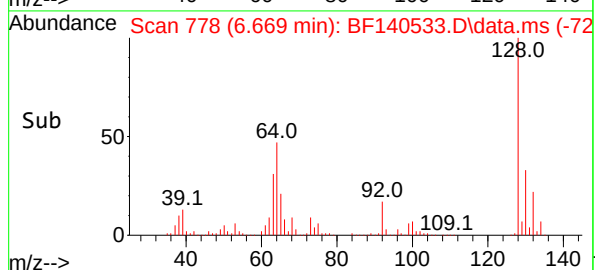
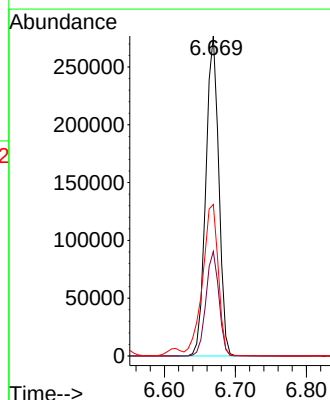
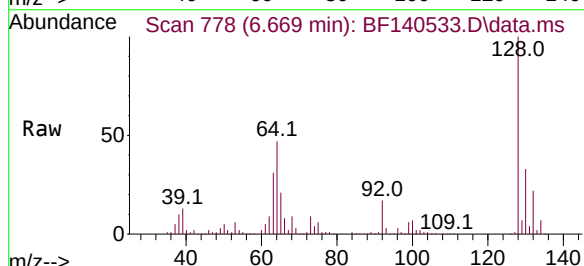
Tgt Ion:128 Resp: 352950

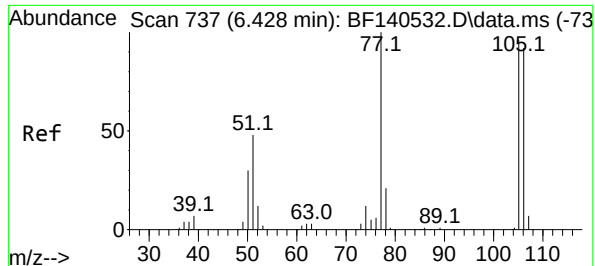
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 47.3 30.2 70.2





#9

Benzaldehyde

Concen: 45.830 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

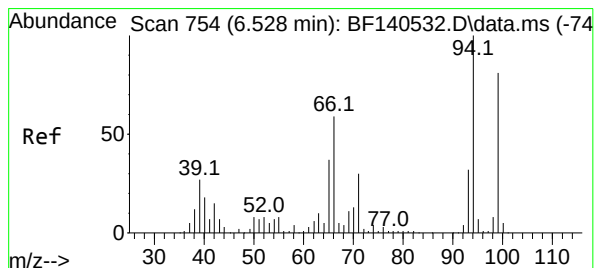
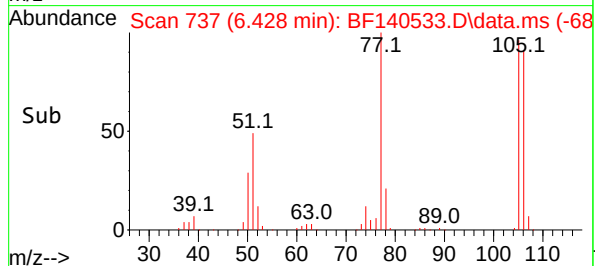
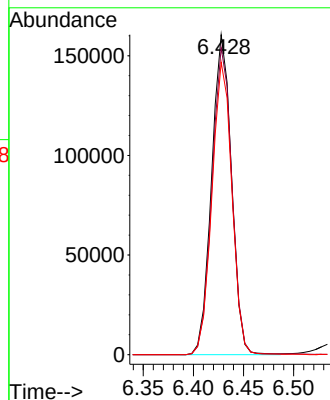
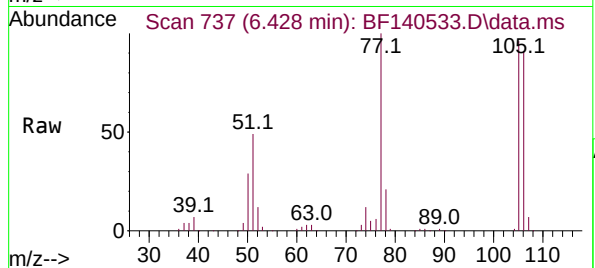
Tgt Ion: 77 Resp: 220959

Ion Ratio Lower Upper

77 100

105 95.9 75.6 115.6

106 91.4 72.0 112.0



#10

Phenol

Concen: 47.830 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

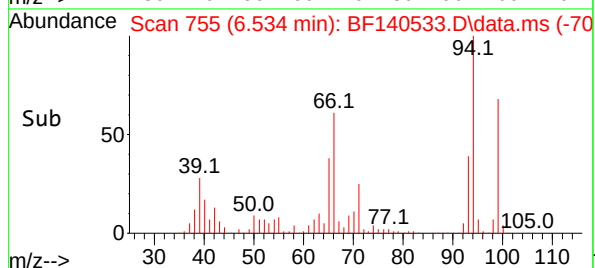
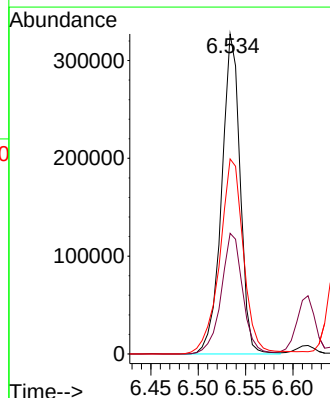
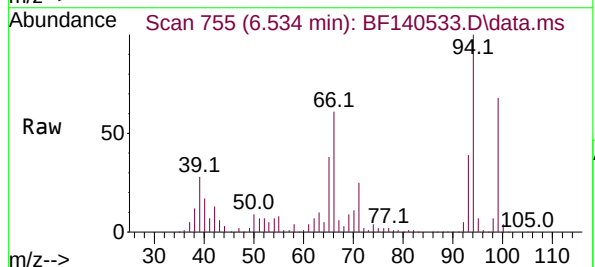
Tgt Ion: 94 Resp: 444859

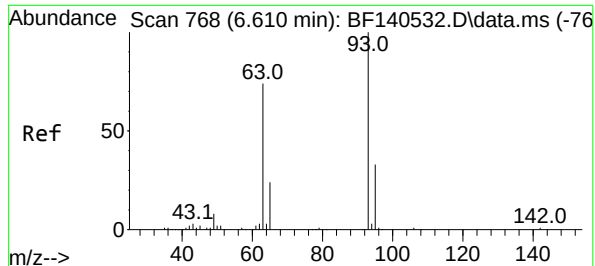
Ion Ratio Lower Upper

94 100

65 37.7 17.2 57.2

66 61.0 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 47.335 ng

RT: 6.616 min Scan# 768

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

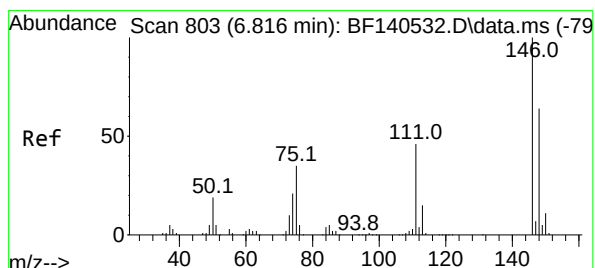
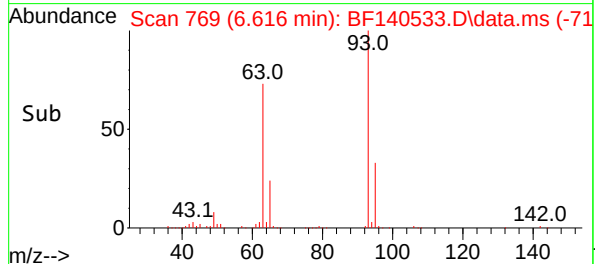
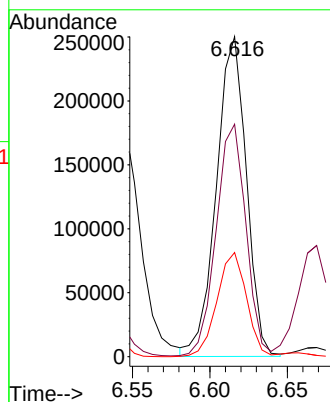
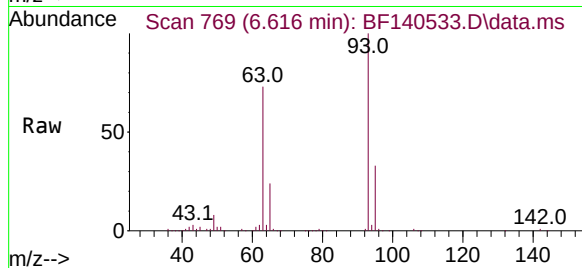
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 336892

Ion	Ratio	Lower	Upper
93	100		
63	72.7	52.8	92.8
95	32.5	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 47.472 ng

RT: 6.816 min Scan# 803

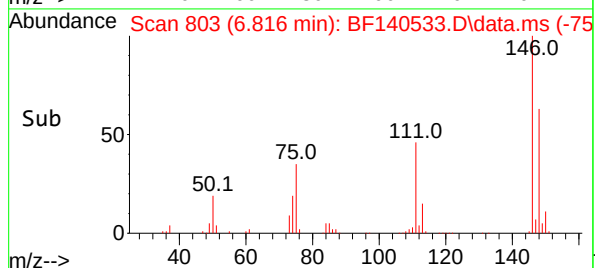
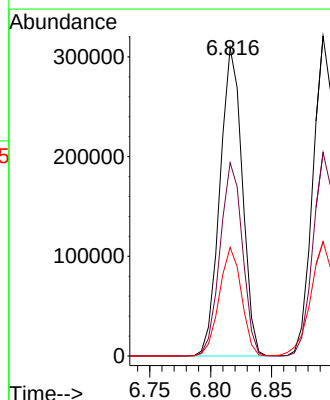
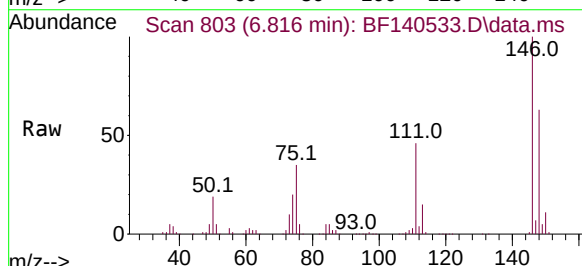
Delta R.T. -0.000 min

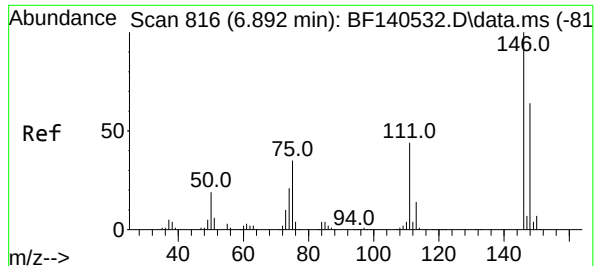
Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Tgt Ion: 146 Resp: 395334

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.3	76.9
75	35.2	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 47.341 ng

RT: 6.892 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

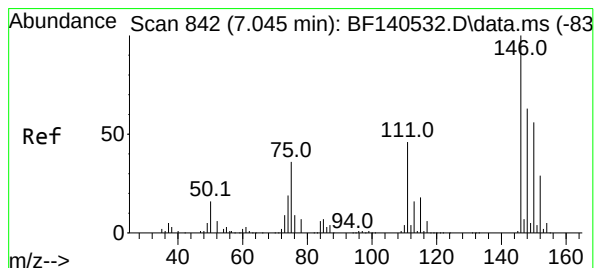
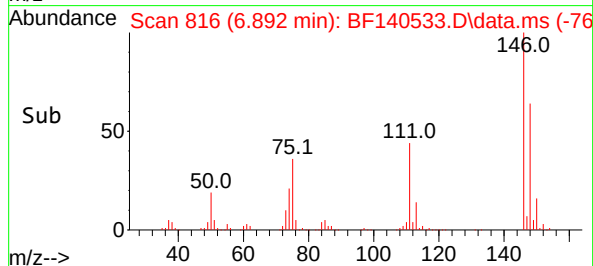
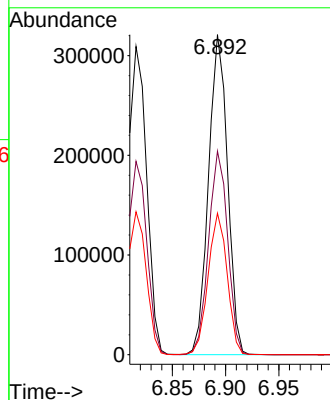
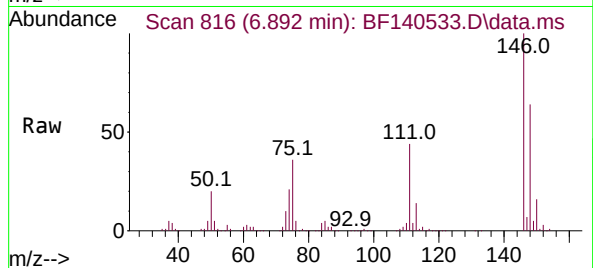
Tgt Ion:146 Resp: 399191

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 44.2 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 47.151 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

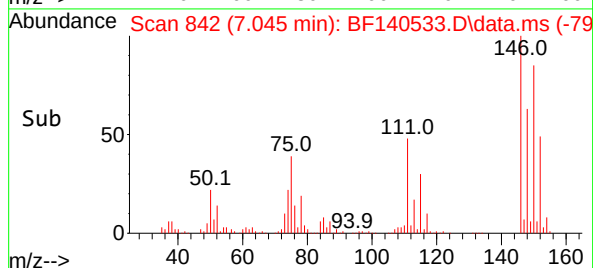
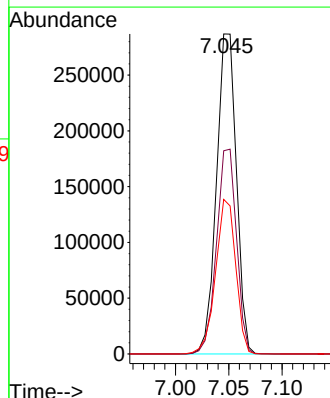
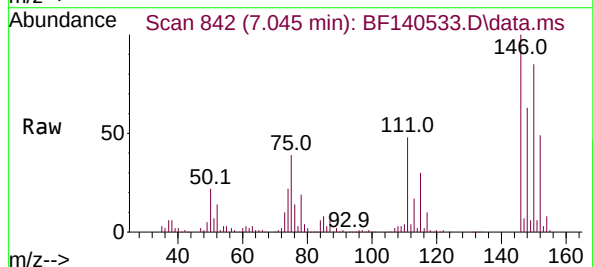
Tgt Ion:146 Resp: 372552

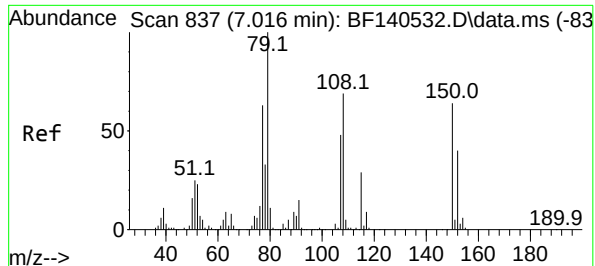
Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 48.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 48.428 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

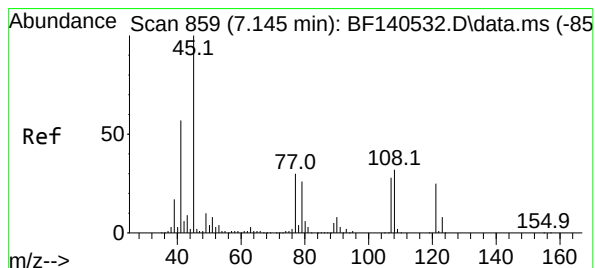
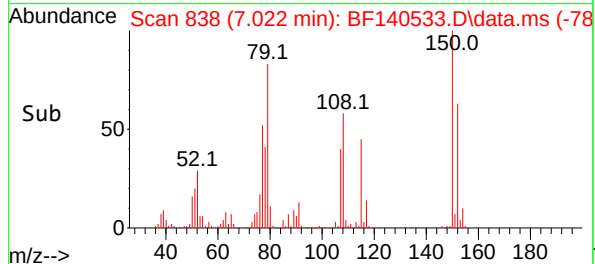
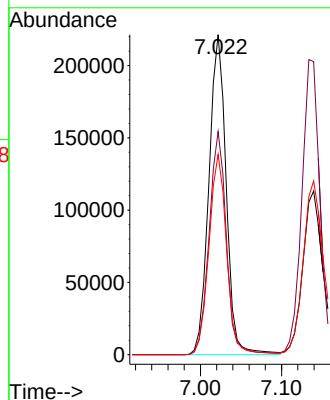
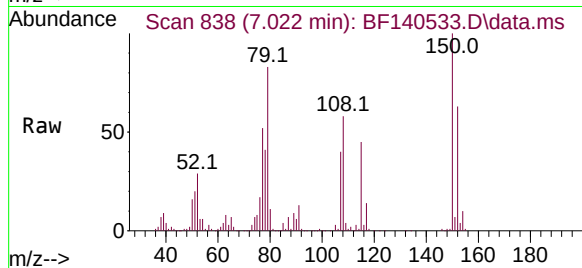
Tgt Ion: 79 Resp: 327081

Ion Ratio Lower Upper

79 100

108 69.7 55.0 82.6

77 62.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.665 ng

RT: 7.151 min Scan# 860

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

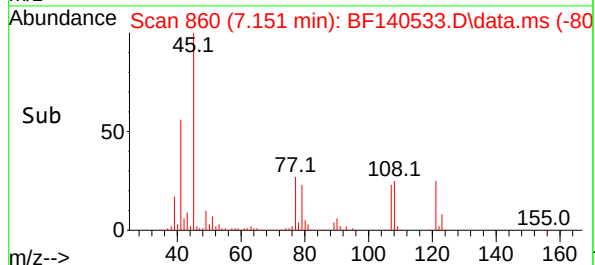
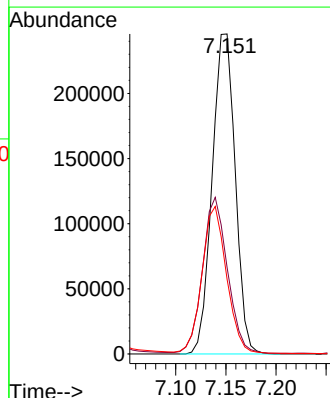
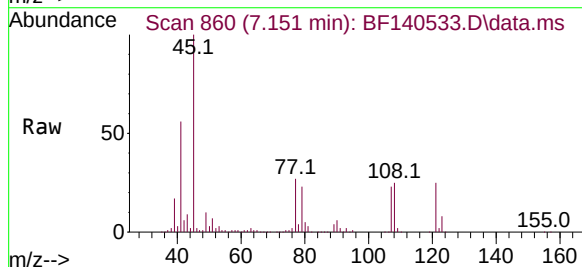
Tgt Ion: 45 Resp: 392372

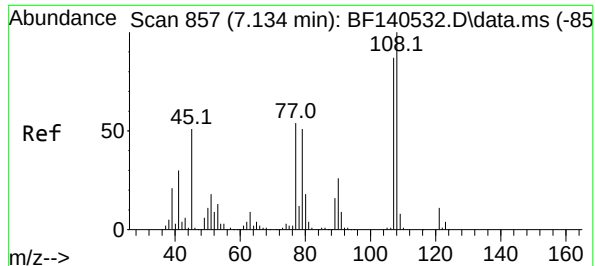
Ion Ratio Lower Upper

45 100

77 27.1 10.7 50.7

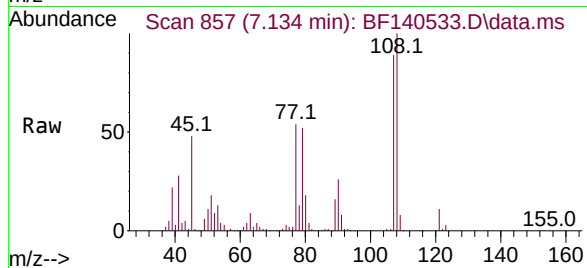
79 23.3 7.0 47.0



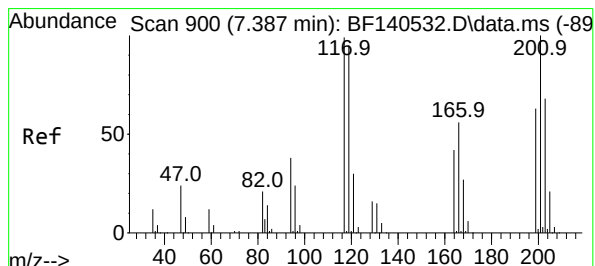
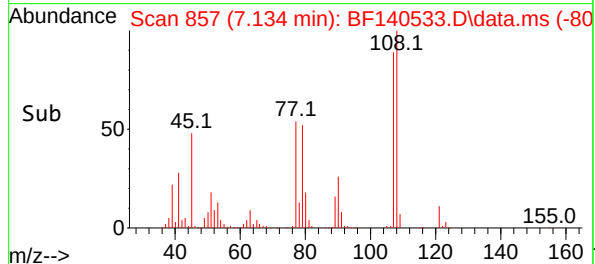
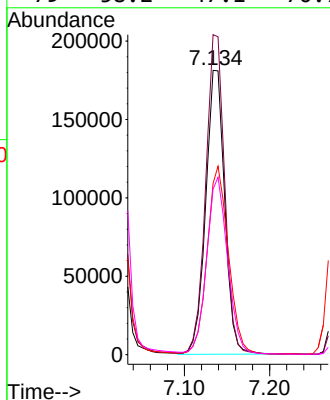


#17
2-Methylphenol
Concen: 47.344 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

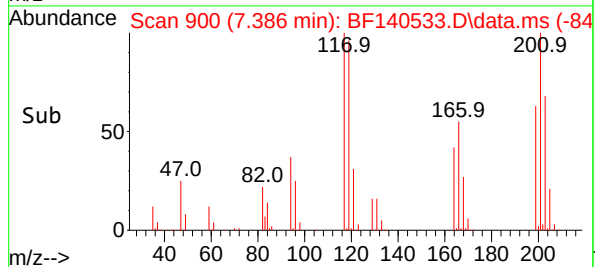
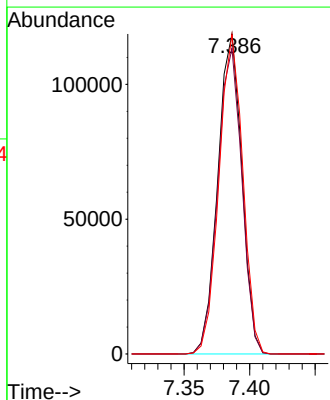
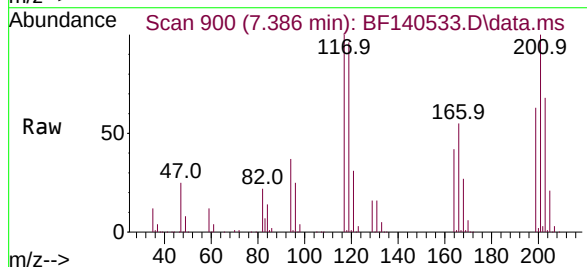


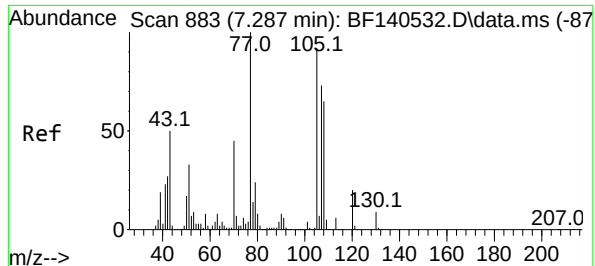
Tgt Ion:107 Resp: 280882
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 60.3 49.3 73.9
79 58.2 47.1 70.7



#18
Hexachloroethane
Concen: 47.961 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:117 Resp: 151045
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
201 99.8 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 46.718 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 251453

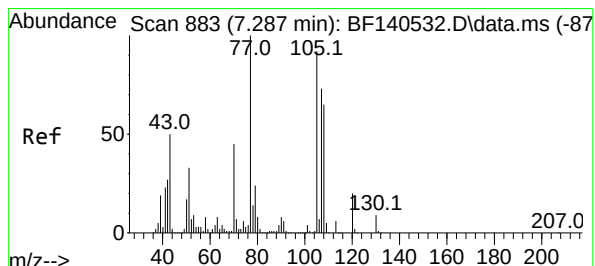
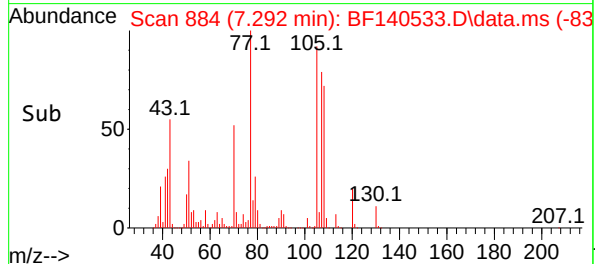
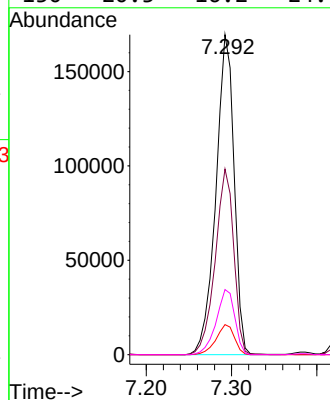
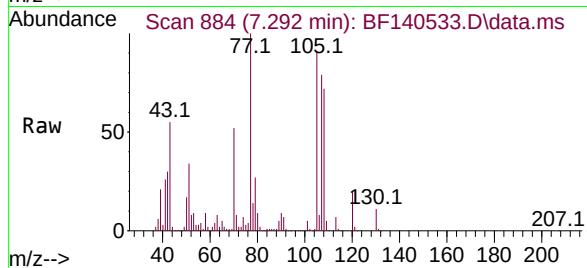
Ion Ratio Lower Upper

70 100

42 58.0 47.6 71.4

101 9.4 7.6 11.4

130 20.3 16.2 24.4



#20

3+4-Methylphenols

Concen: 46.666 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Tgt Ion:107 Resp: 355860

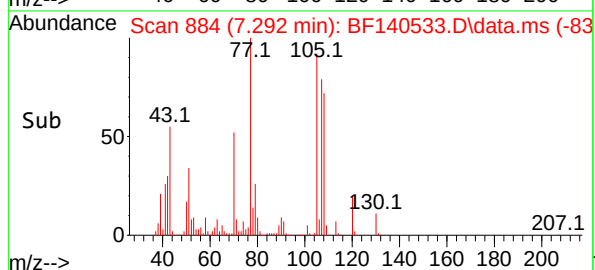
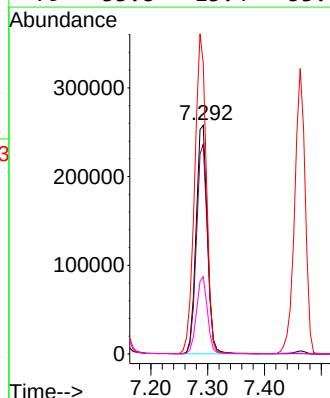
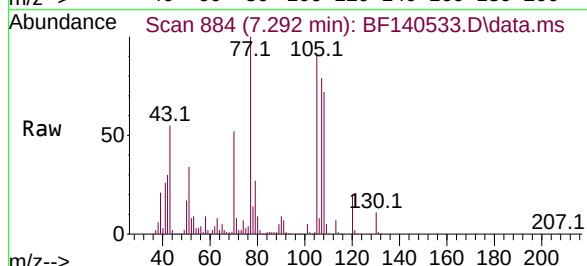
Ion Ratio Lower Upper

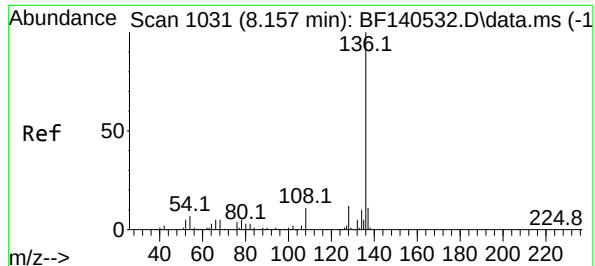
107 100

108 91.7 69.9 109.9

77 127.3 117.7 157.7

79 33.8 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 425301

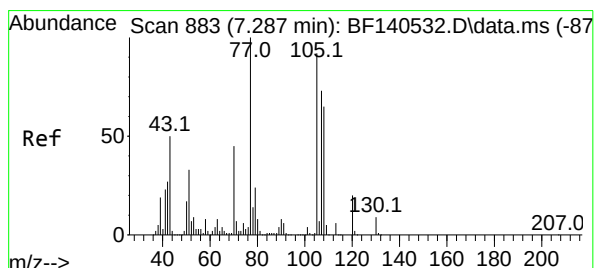
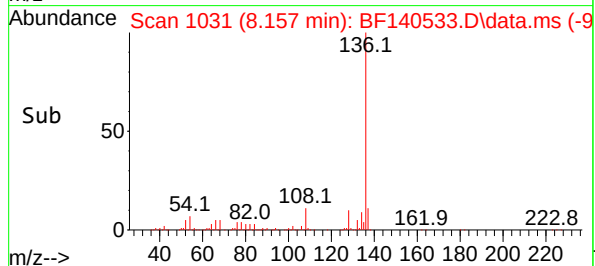
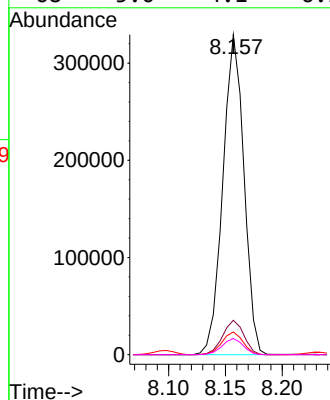
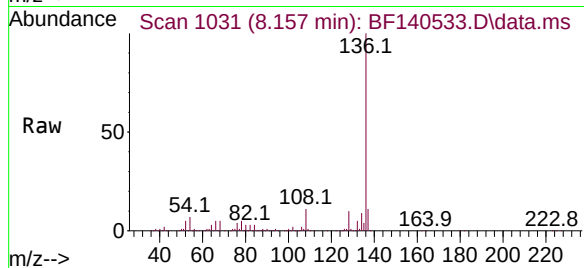
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.1 5.8 8.8

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 47.469 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Tgt Ion:105 Resp: 492194

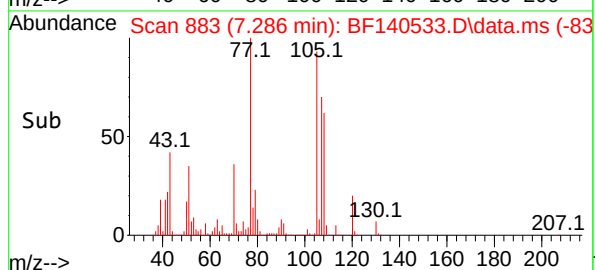
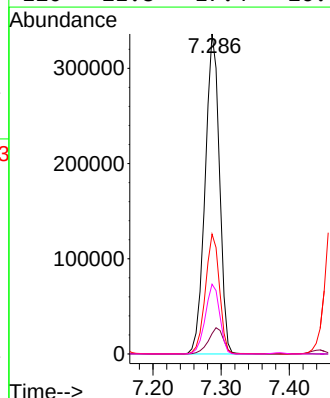
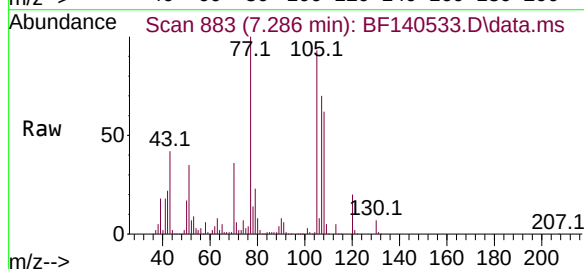
Ion Ratio Lower Upper

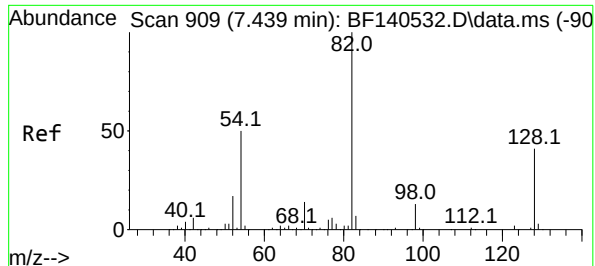
105 100

71 6.4 6.2 9.2

51 37.4 29.0 43.6

120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 96.352 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

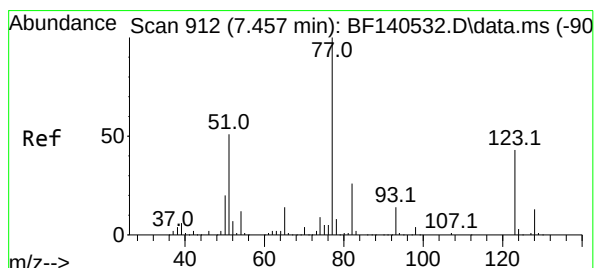
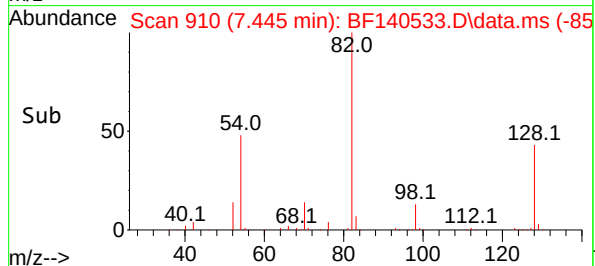
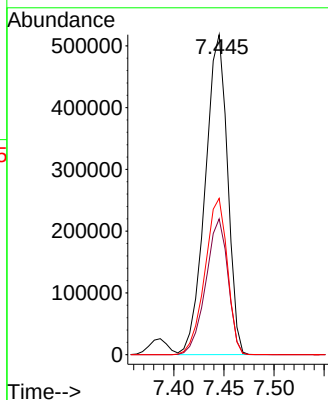
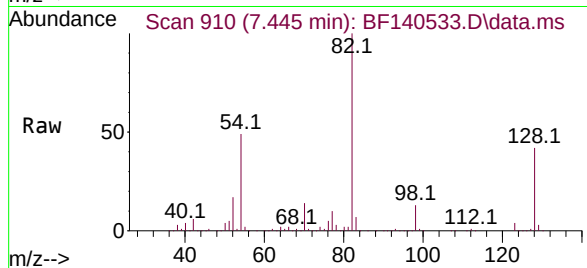
Tgt Ion: 82 Resp: 801144

Ion Ratio Lower Upper

82 100

128 42.5 33.0 49.4

54 48.8 39.5 59.3



#24

Nitrobenzene

Concen: 48.043 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

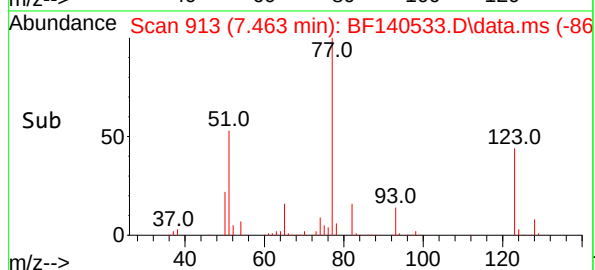
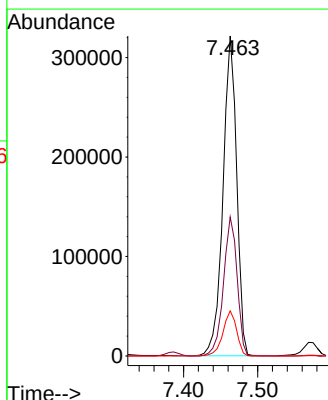
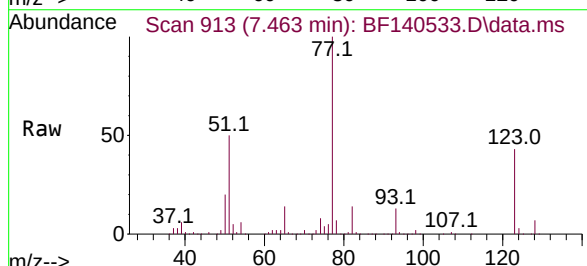
Tgt Ion: 77 Resp: 412860

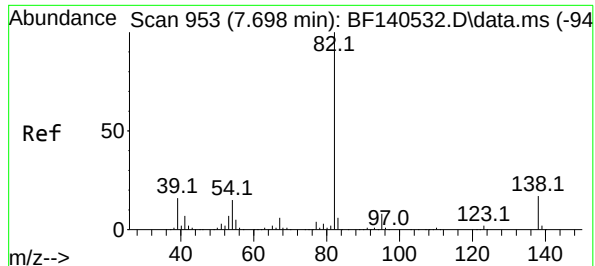
Ion Ratio Lower Upper

77 100

123 43.4 34.3 51.5

65 14.1 11.2 16.8

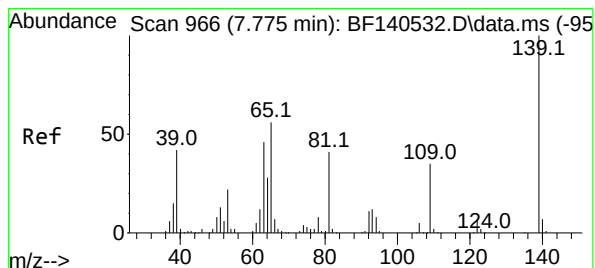
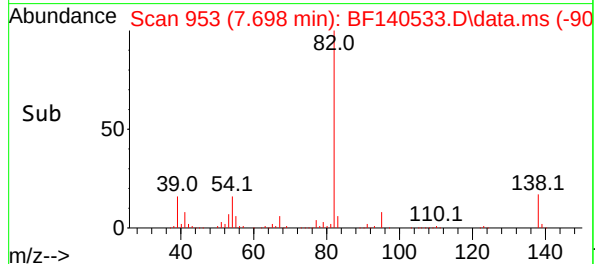
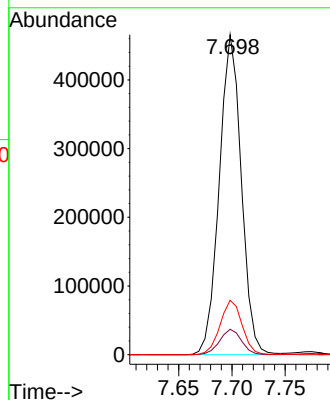
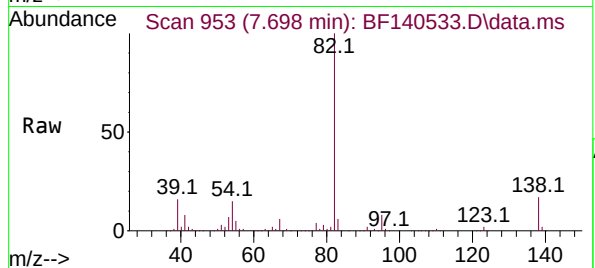




#25
Isophorone
Concen: 48.214 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

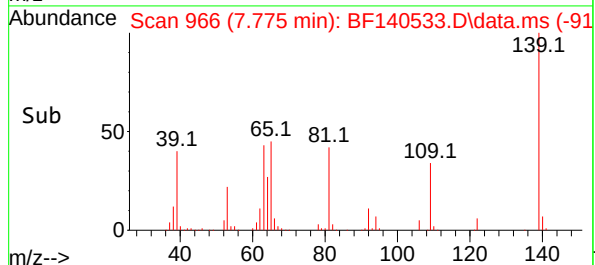
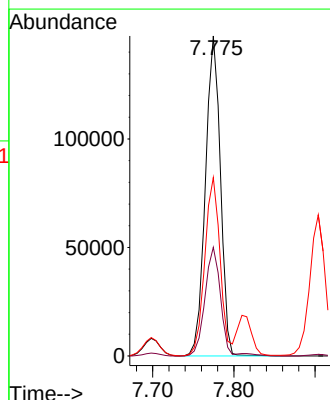
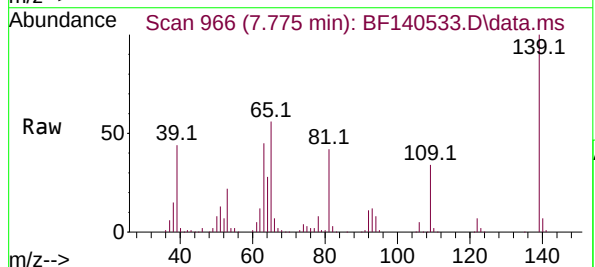
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

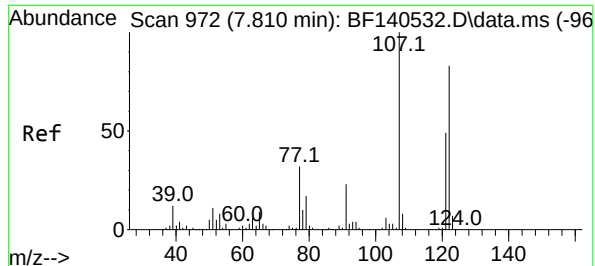
Tgt Ion: 82 Resp: 668649
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.0 13.8 20.6



#26
2-Nitrophenol
Concen: 49.644 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion: 139 Resp: 189056
Ion Ratio Lower Upper
139 100
109 33.9 28.0 42.0
65 55.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 47.628 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

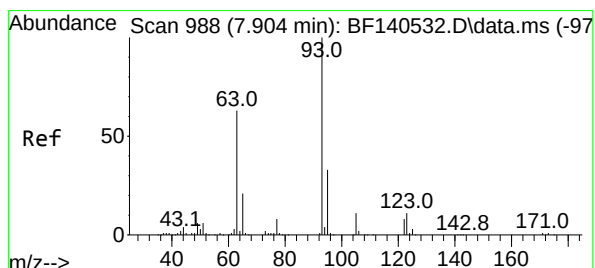
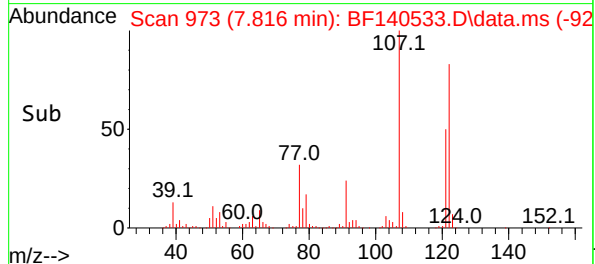
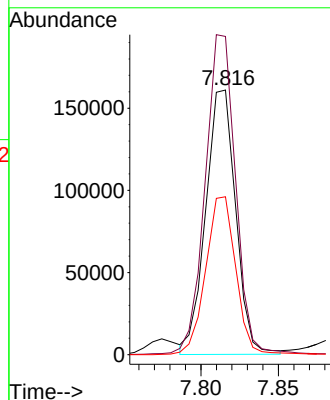
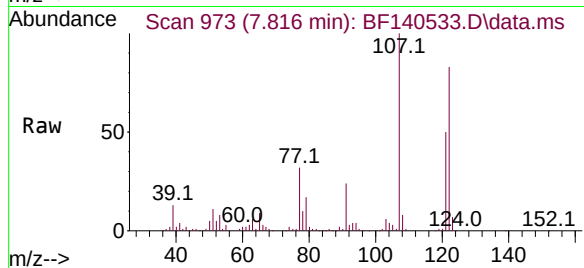
Tgt Ion:122 Resp: 217017

Ion Ratio Lower Upper

122 100

107 120.3 96.8 145.2

121 59.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.630 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

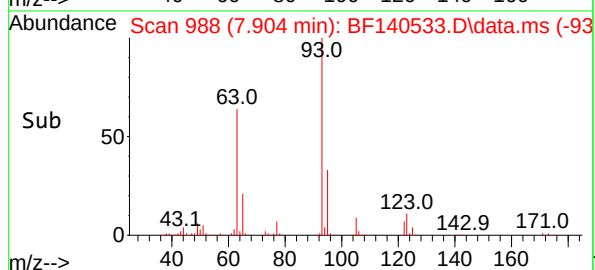
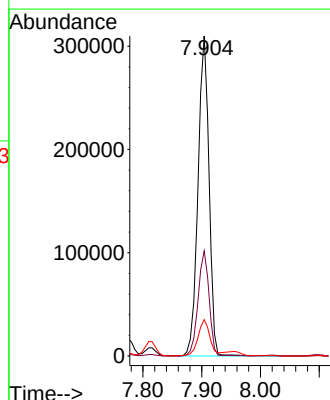
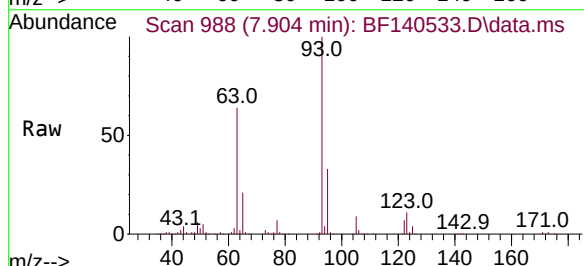
Tgt Ion: 93 Resp: 402409

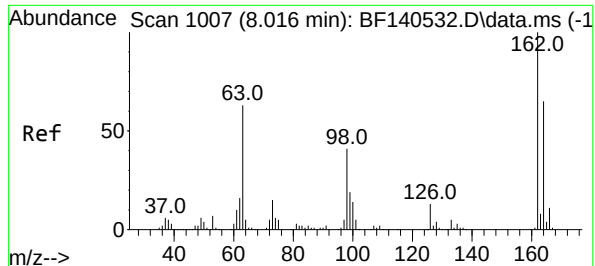
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.863 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

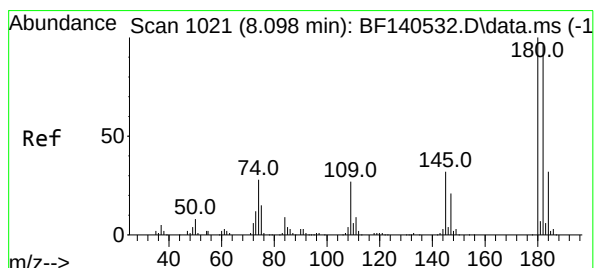
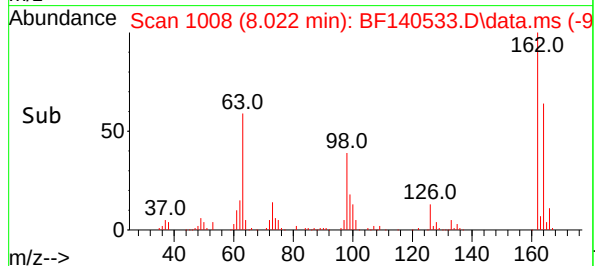
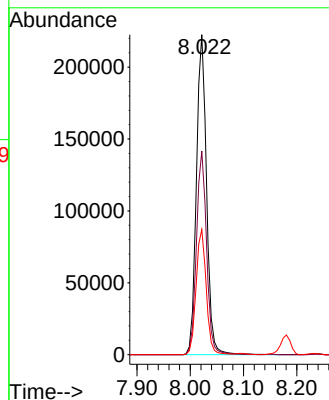
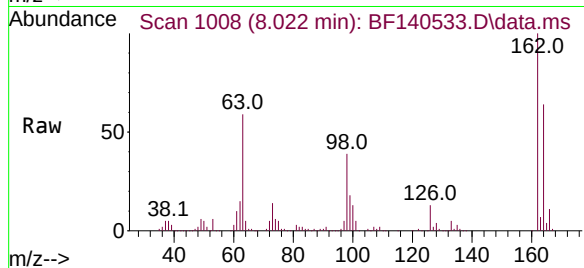
Tgt Ion:162 Resp: 295023

Ion Ratio Lower Upper

162 100

164 63.6 44.8 84.8

98 39.1 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.858 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

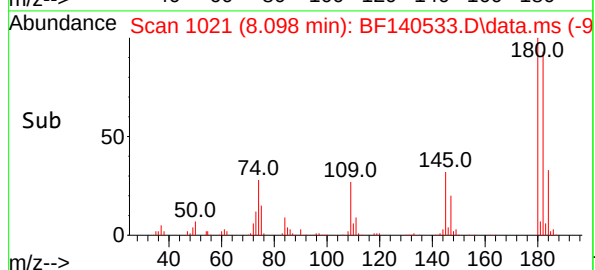
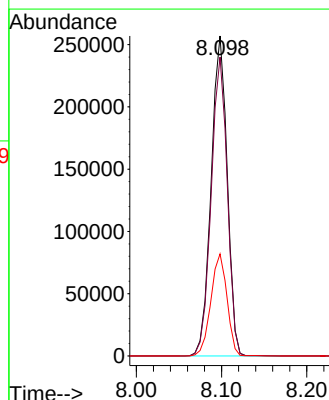
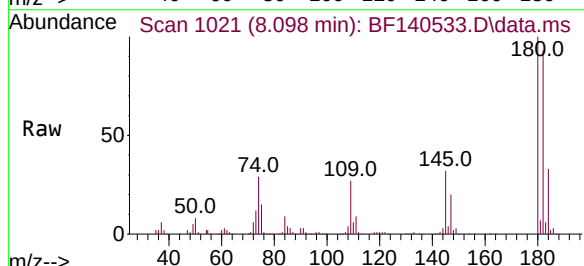
Tgt Ion:180 Resp: 336812

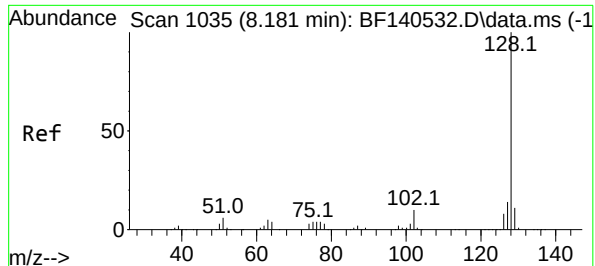
Ion Ratio Lower Upper

180 100

182 93.4 76.4 114.6

145 31.9 25.9 38.9





#31

Naphthalene

Concen: 48.178 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

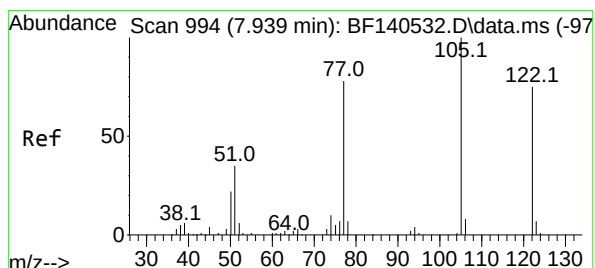
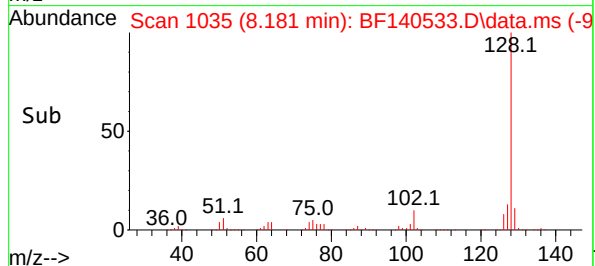
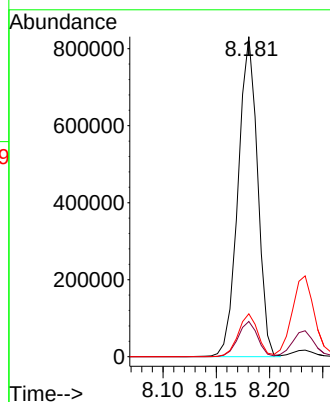
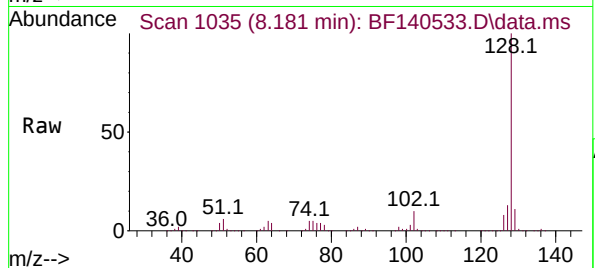
Tgt Ion:128 Resp: 1055423

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 49.333 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.018 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

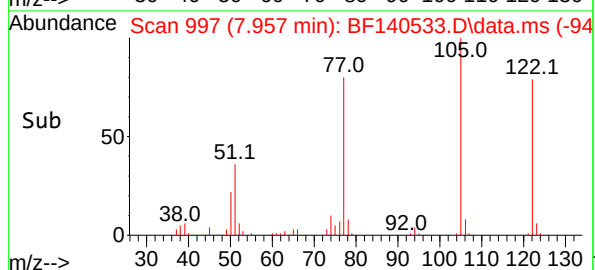
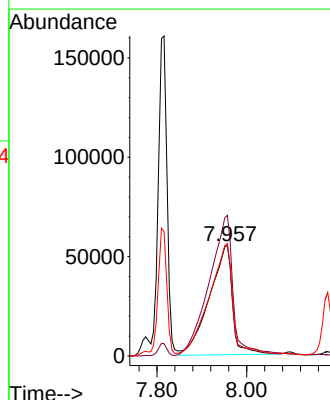
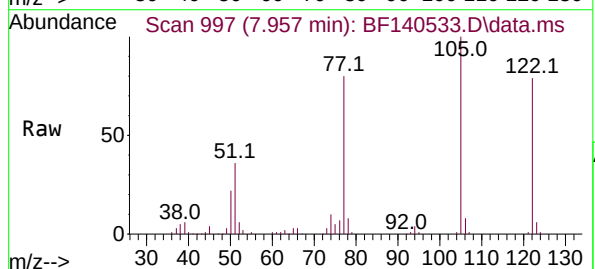
Tgt Ion:122 Resp: 196545

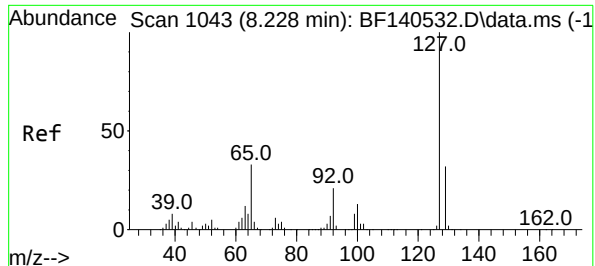
Ion Ratio Lower Upper

122 100

105 127.2 109.3 149.3

77 101.5 82.3 122.3

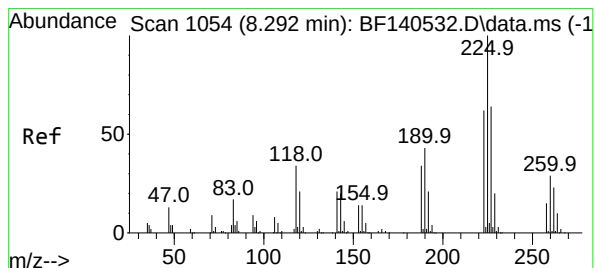
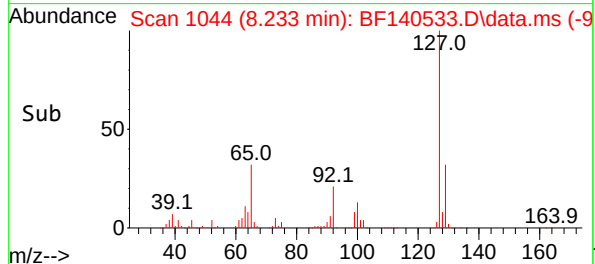
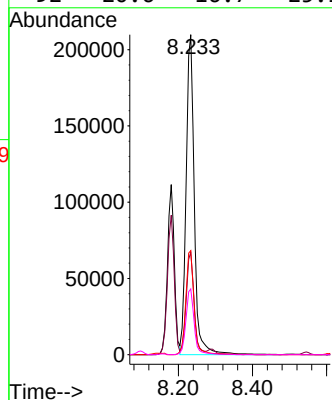
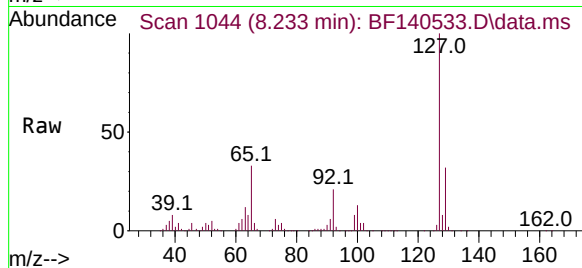




#33
4-Chloroaniline
Concen: 49.125 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

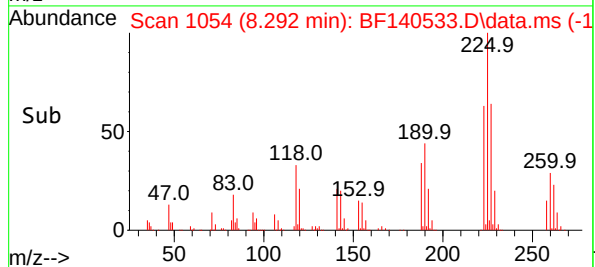
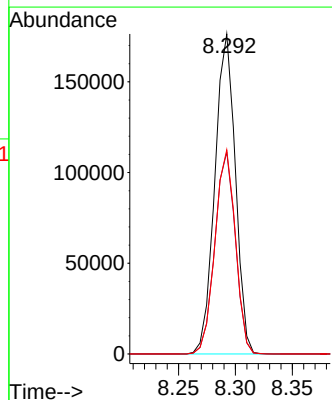
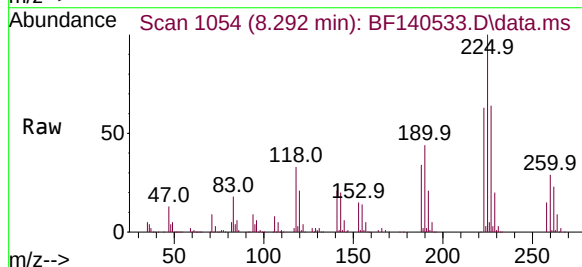
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

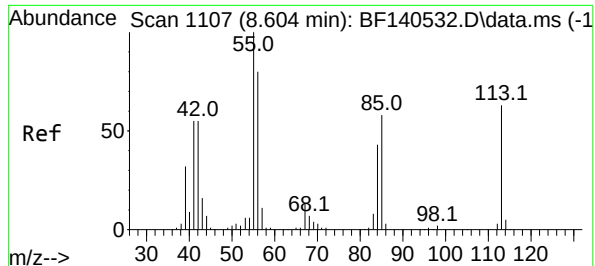
Tgt Ion:	127	Resp:	322212
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	32.5	26.0	39.0
92	20.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 48.555 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:	225	Resp:	221707
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	63.8	51.3	76.9

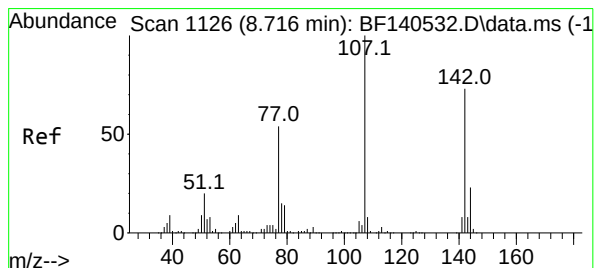
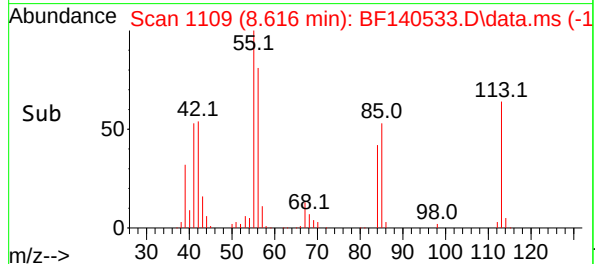
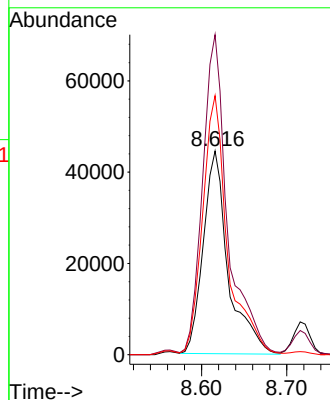
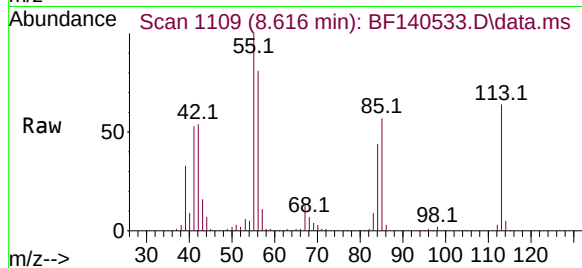




#35
Caprolactam
Concen: 48.486 ng
RT: 8.616 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

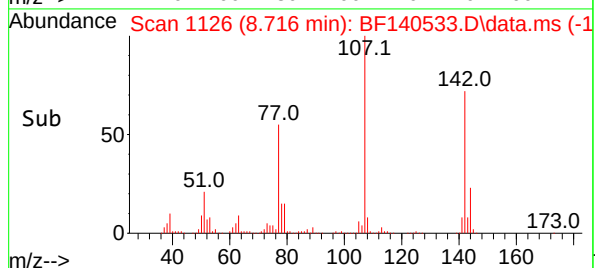
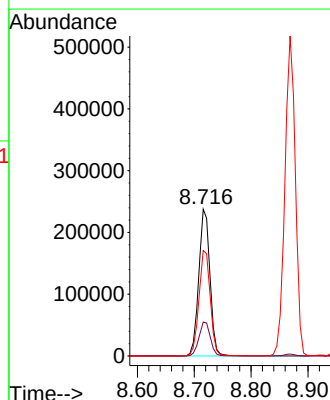
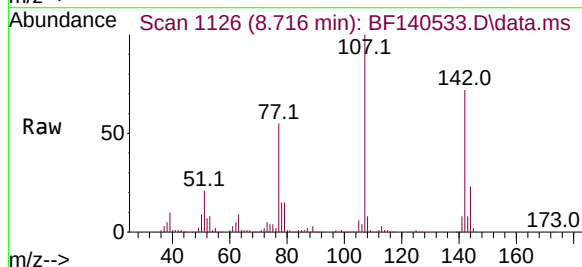
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

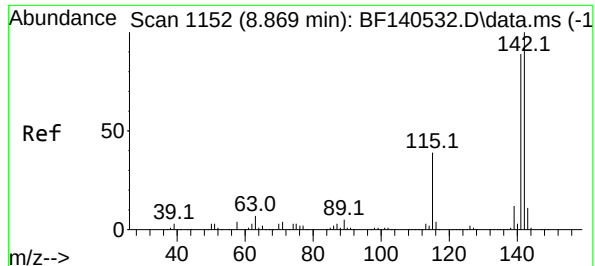
Tgt Ion:113 Resp: 90596
Ion Ratio Lower Upper
113 100
55 157.2 137.7 177.7
56 127.3 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 48.287 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:107 Resp: 326418
Ion Ratio Lower Upper
107 100
144 23.1 18.7 28.1
142 71.8 58.3 87.5

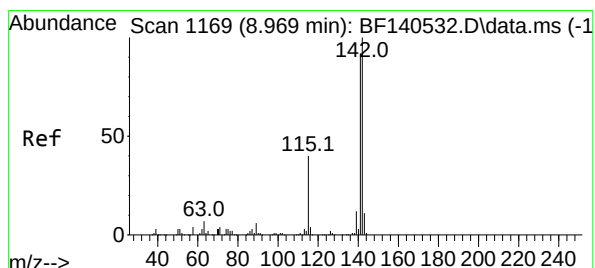
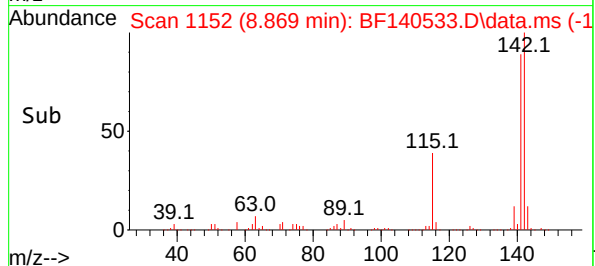
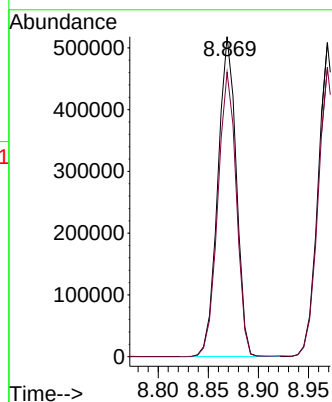
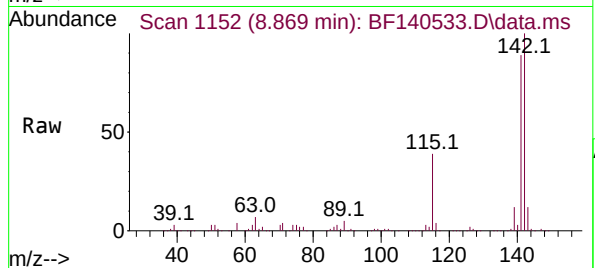




#37
2-Methylnaphthalene
Concen: 47.620 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

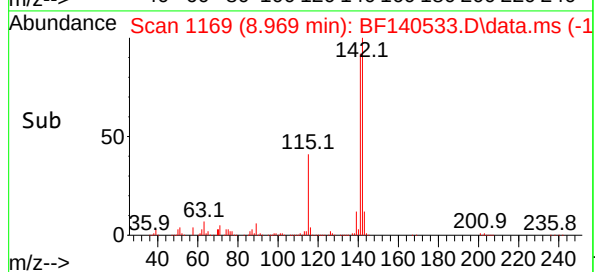
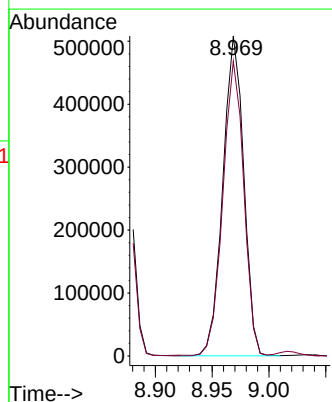
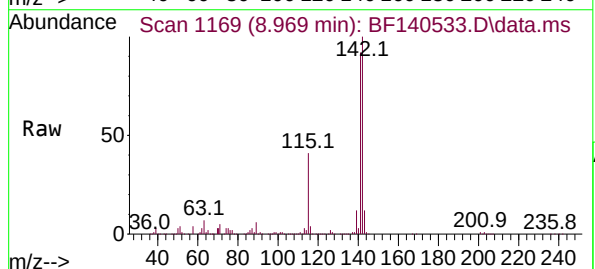
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

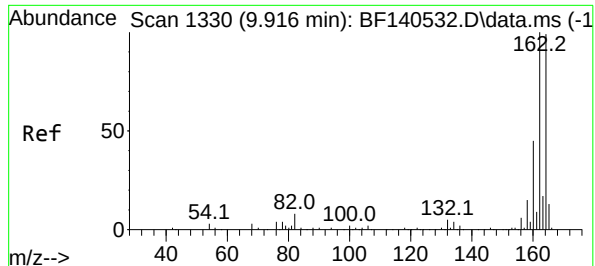
Tgt Ion:142 Resp: 662592
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.603 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:142 Resp: 649248
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

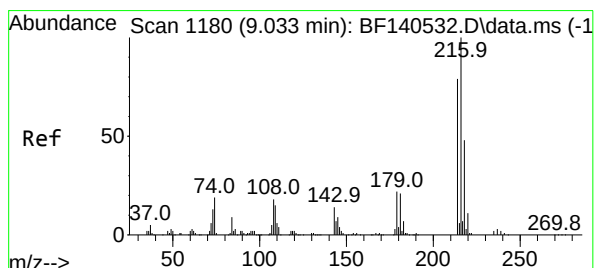
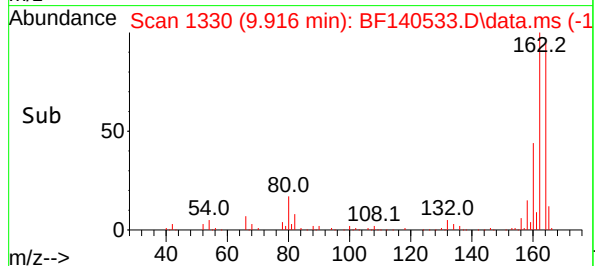
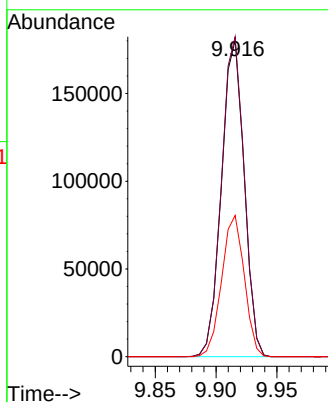
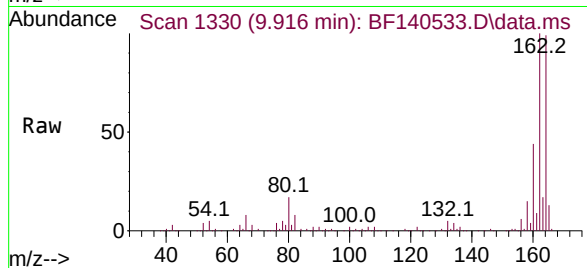
Tgt Ion:164 Resp: 233869

Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 44.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.935 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Tgt Ion:216 Resp: 328190

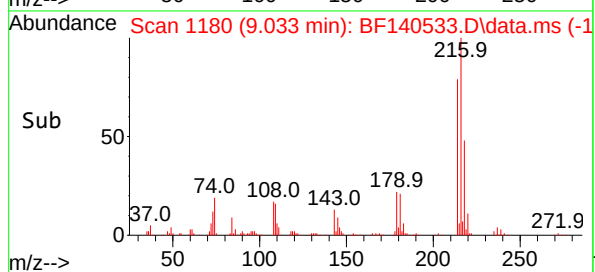
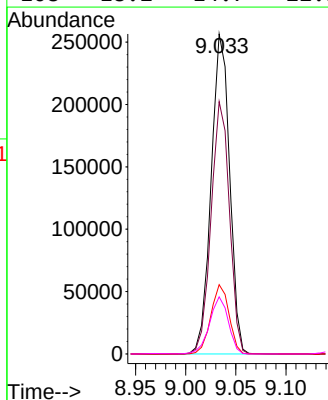
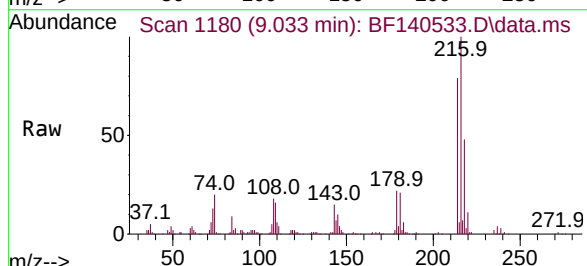
Ion Ratio Lower Upper

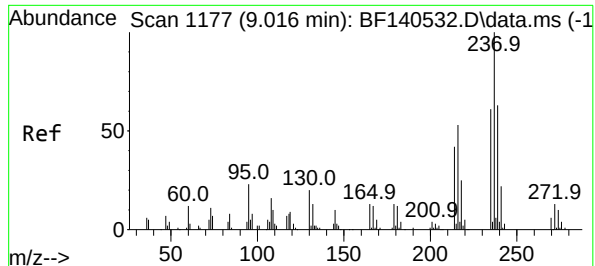
216 100

214 78.4 63.0 94.4

179 21.4 17.5 26.3

108 18.2 14.7 22.1

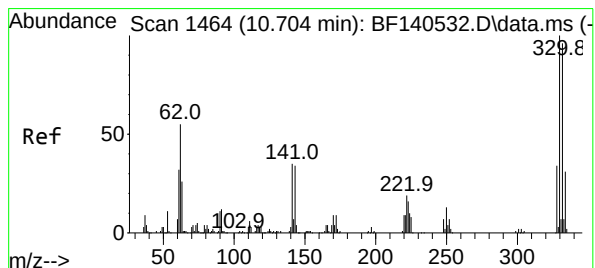
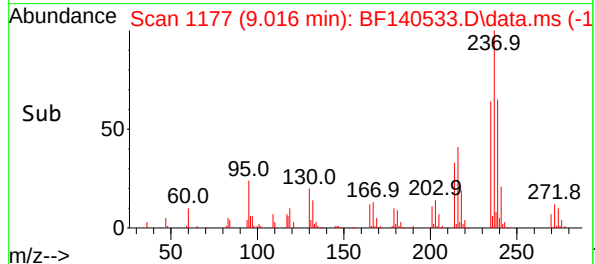
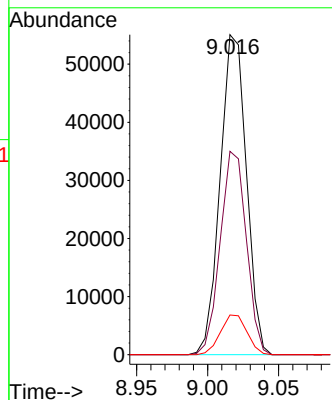
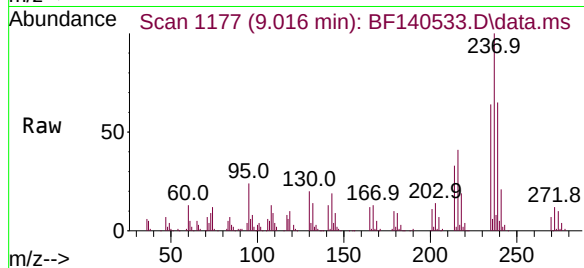




#41
Hexachlorocyclopentadiene
Concen: 49.123 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

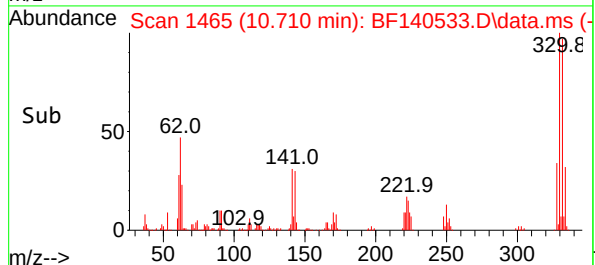
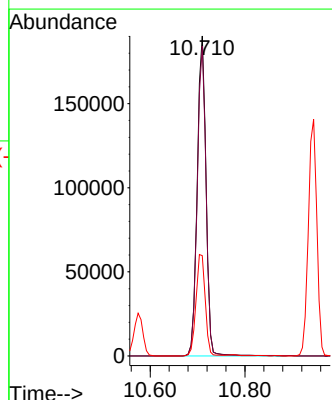
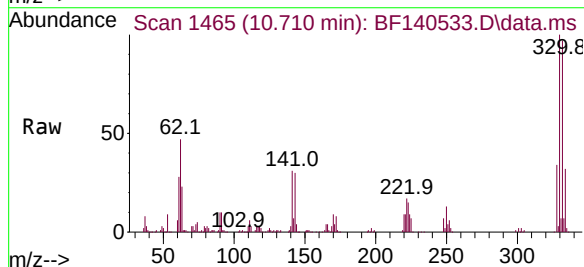
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

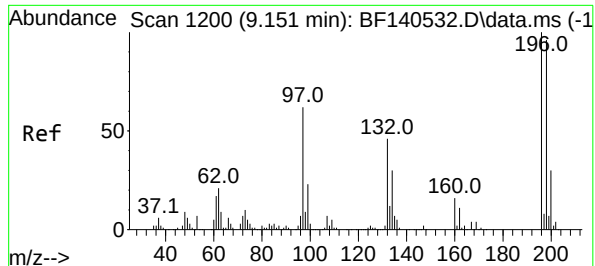
Tgt Ion:237 Resp: 70831
Ion Ratio Lower Upper
237 100
235 63.5 41.1 81.1
272 12.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 98.015 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:330 Resp: 245159
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 33.3 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 49.574 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

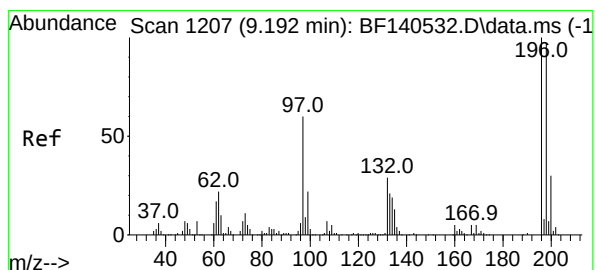
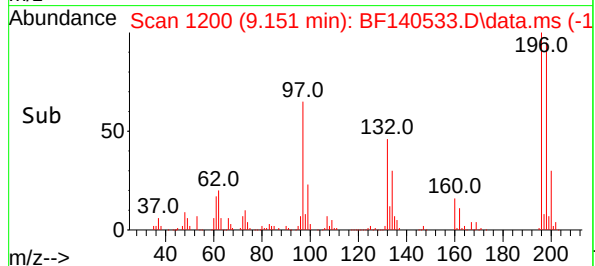
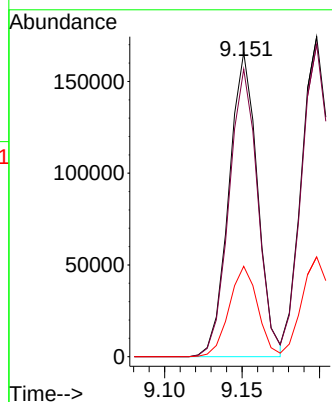
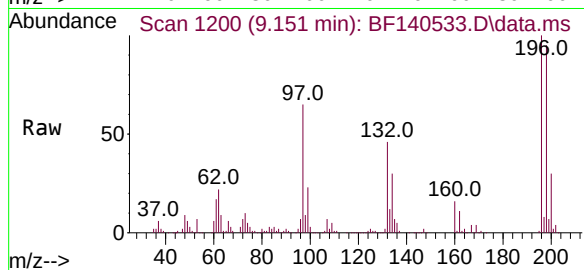
Tgt Ion:196 Resp: 212974

Ion Ratio Lower Upper

196 100

198 94.5 76.8 115.2

200 29.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.866 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Tgt Ion:196 Resp: 227840

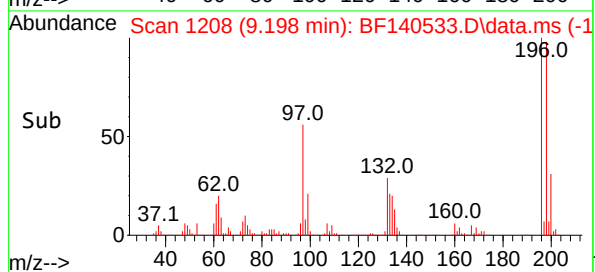
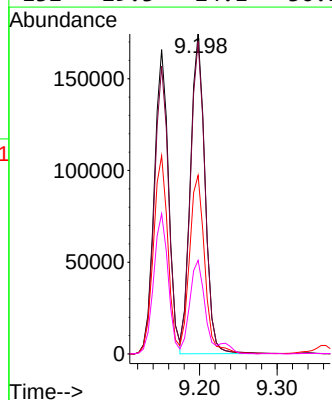
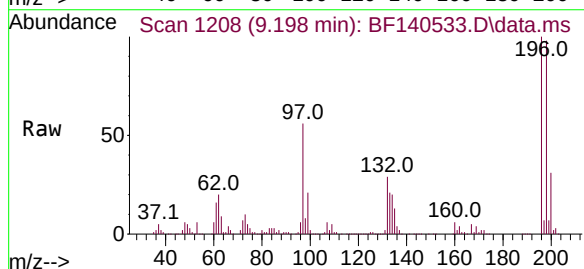
Ion Ratio Lower Upper

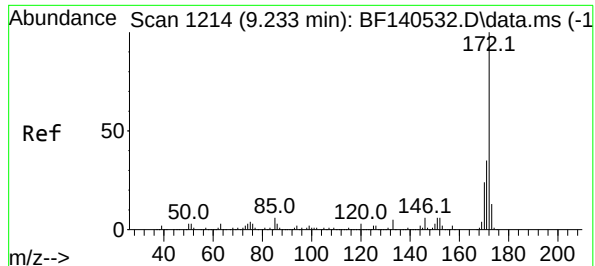
196 100

198 97.7 77.2 115.8

97 55.8 47.1 70.7

132 29.3 24.1 36.1

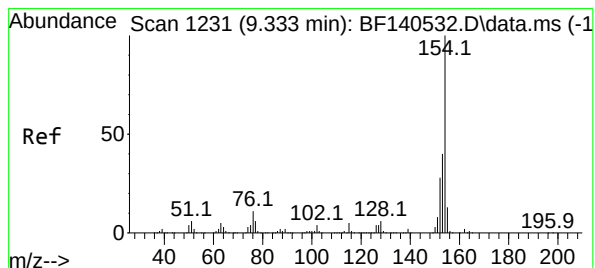
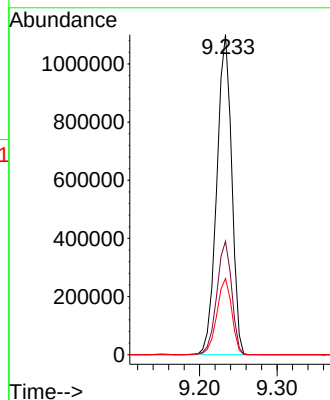
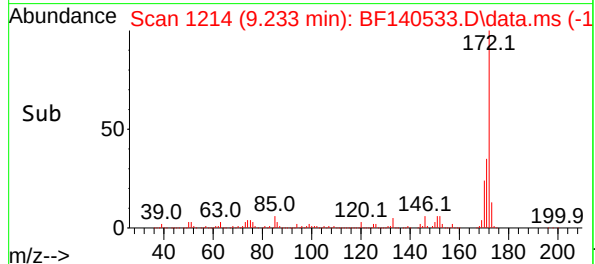
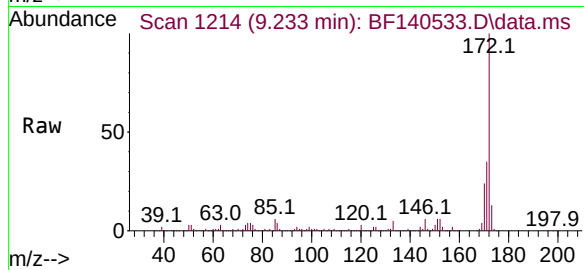




#45
2-Fluorobiphenyl
Concen: 93.462 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

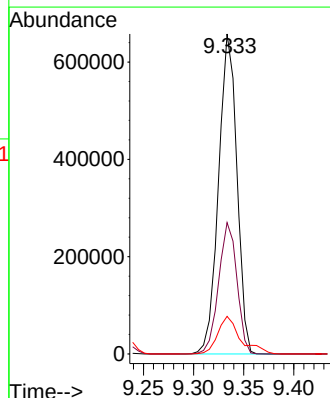
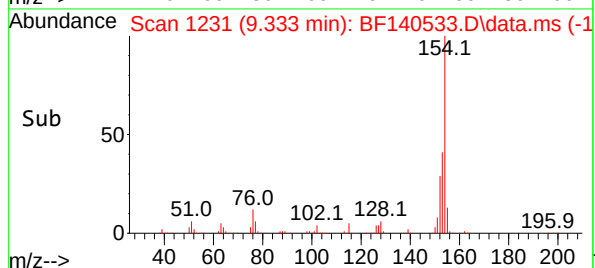
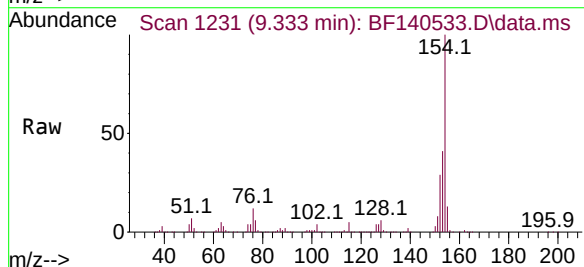
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

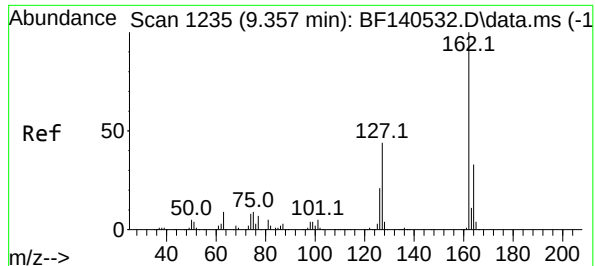
Tgt Ion:172 Resp: 1467020
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.772 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:154 Resp: 834139
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 11.7 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.803 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

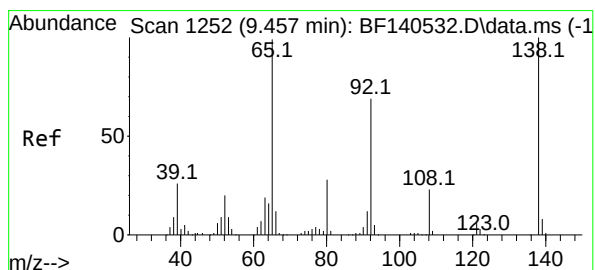
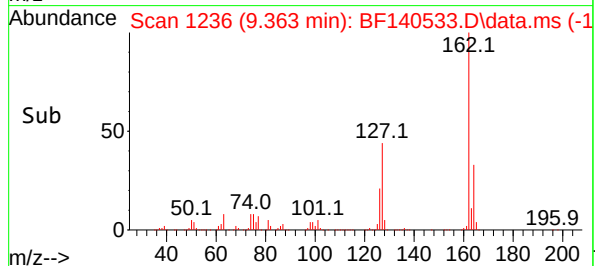
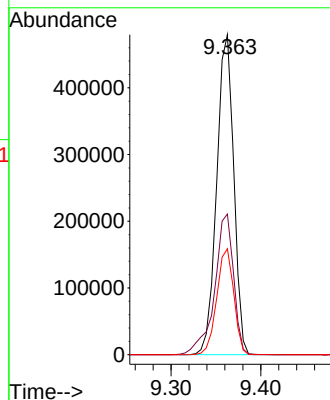
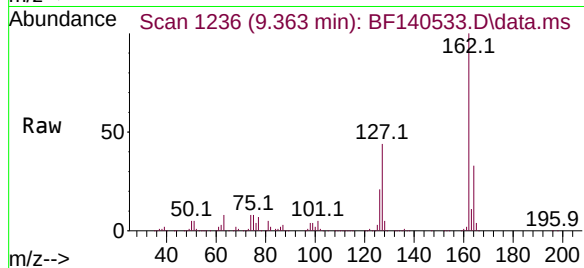
Tgt Ion:162 Resp: 632459

Ion Ratio Lower Upper

162 100

127 44.0 35.7 53.5

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 50.020 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

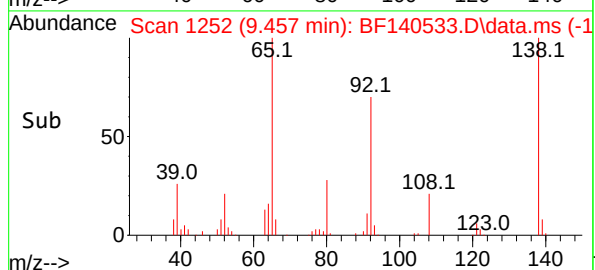
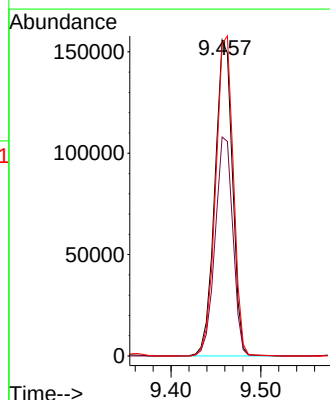
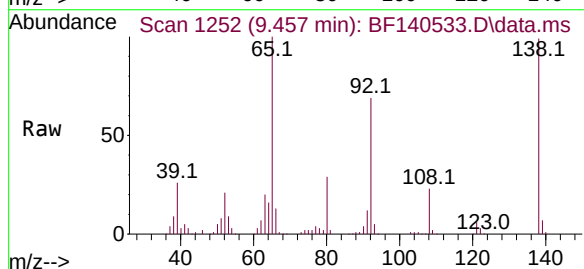
Tgt Ion: 65 Resp: 212420

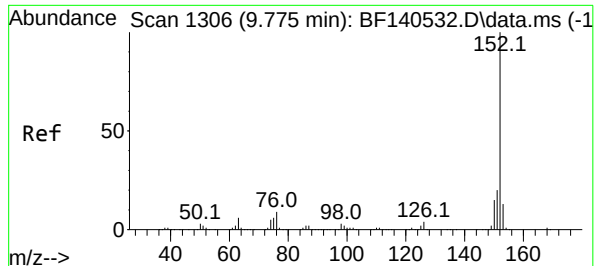
Ion Ratio Lower Upper

65 100

92 69.3 56.1 84.1

138 98.8 81.0 121.6

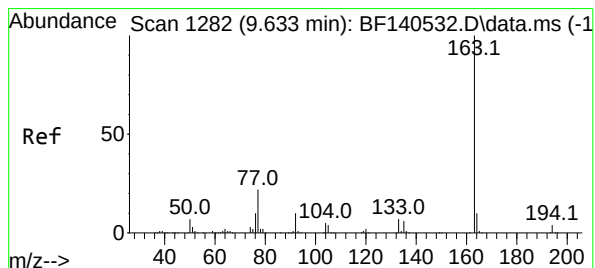
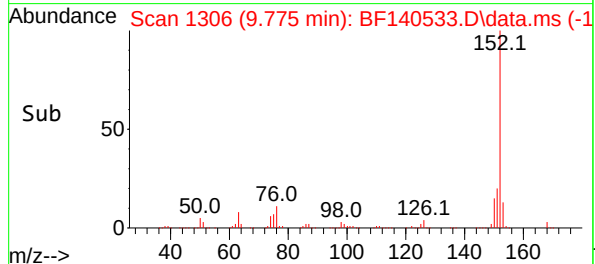
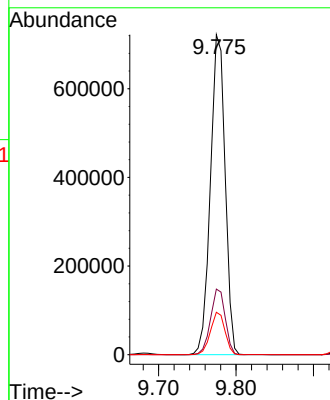
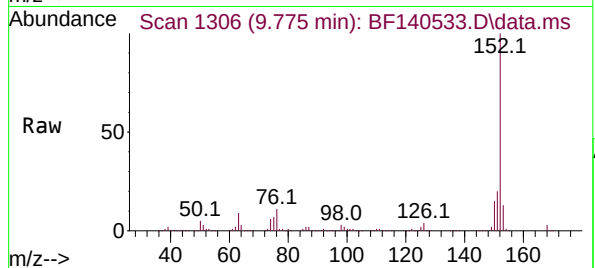




#49
Acenaphthylene
Concen: 47.612 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

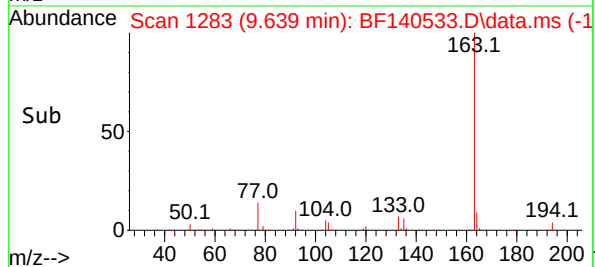
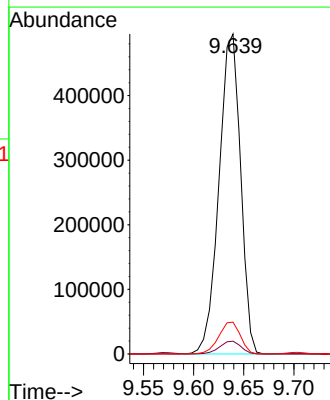
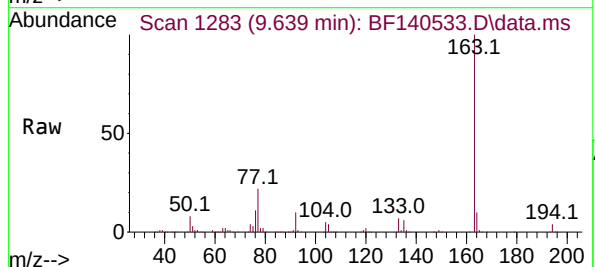
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

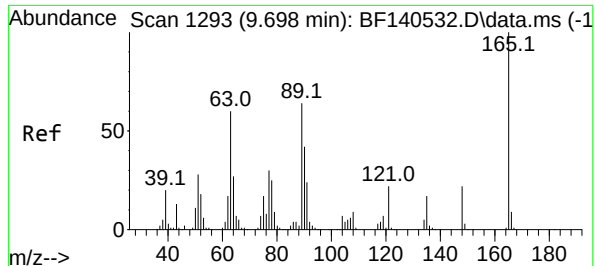
Tgt Ion:152 Resp: 951784
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 48.081 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:163 Resp: 740559
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.663 ng

RT: 9.704 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

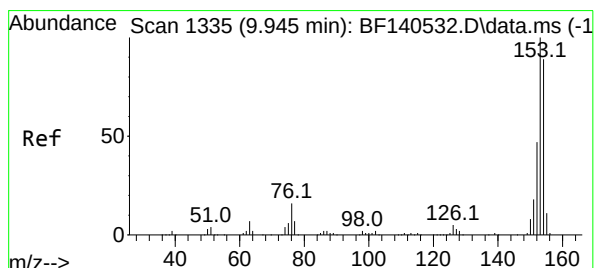
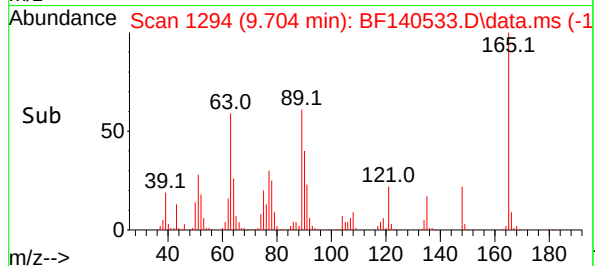
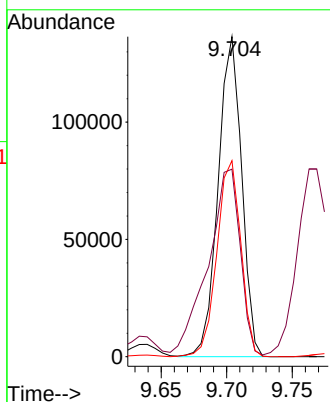
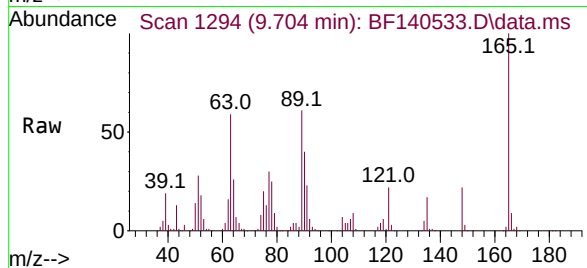
Tgt Ion:165 Resp: 169989

Ion Ratio Lower Upper

165 100

63 58.6 49.9 74.9

89 61.2 50.9 76.3



#52

Acenaphthene

Concen: 47.524 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

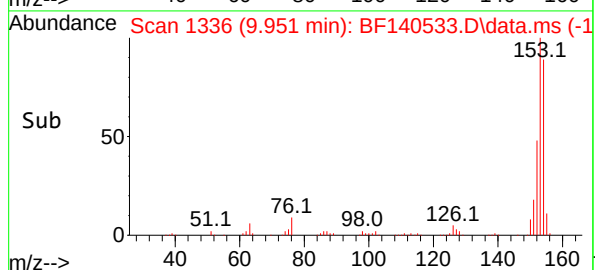
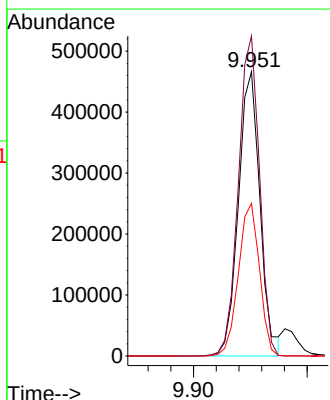
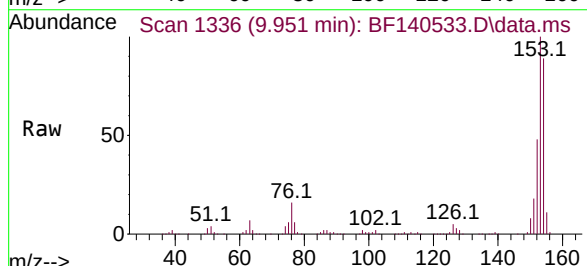
Tgt Ion:154 Resp: 615149

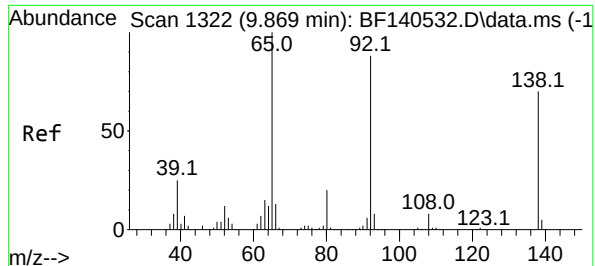
Ion Ratio Lower Upper

154 100

153 112.6 89.7 134.5

152 53.7 42.5 63.7

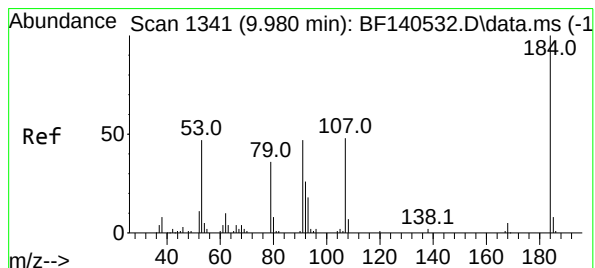
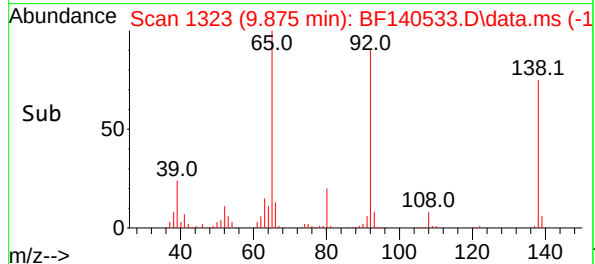
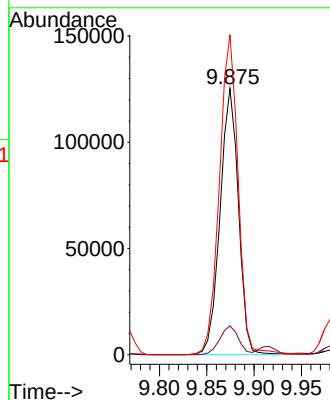
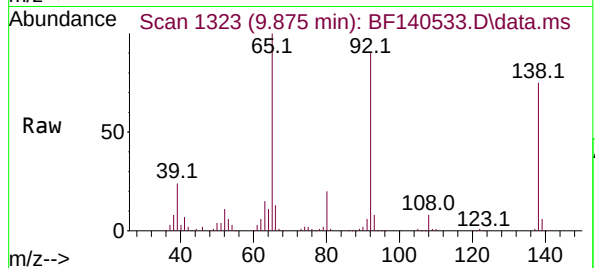




#53
3-Nitroaniline
Concen: 49.534 ng
RT: 9.875 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

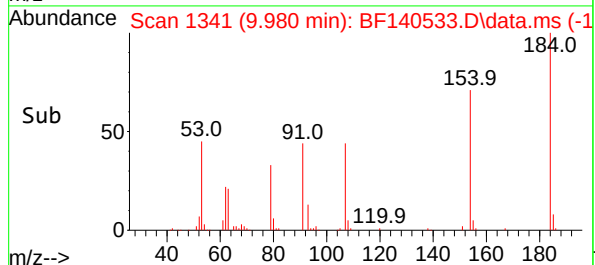
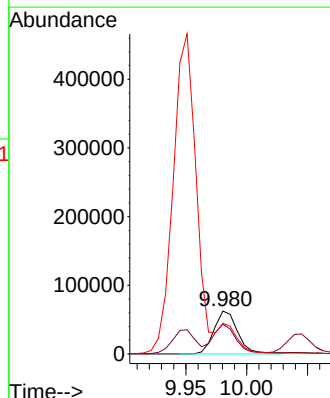
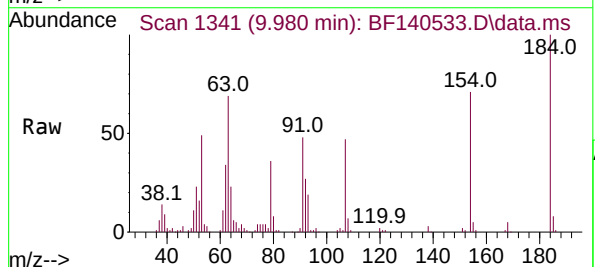
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

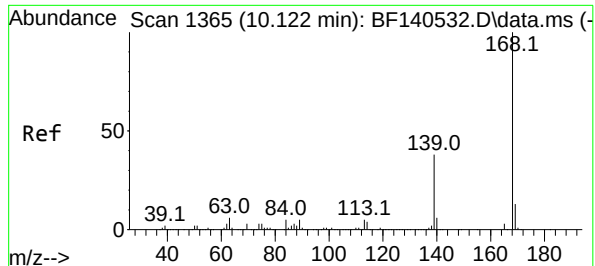
Tgt Ion:138 Resp: 169234
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 120.3 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 50.205 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:184 Resp: 84985
Ion Ratio Lower Upper
184 100
63 69.4 54.1 81.1
154 71.4 57.4 86.0





#55

Dibenzenofuran

Concen: 47.061 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

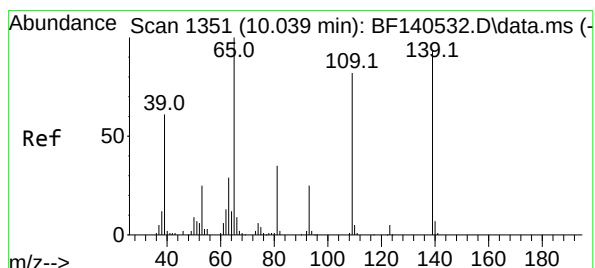
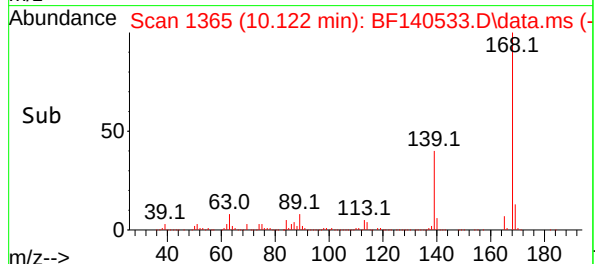
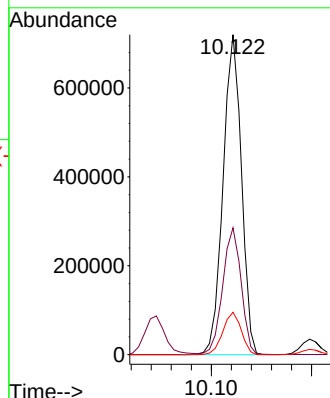
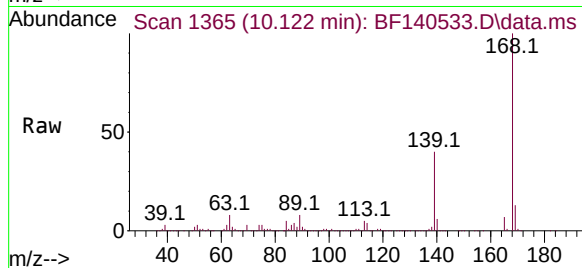
Tgt Ion:168 Resp: 911771

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 53.227 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

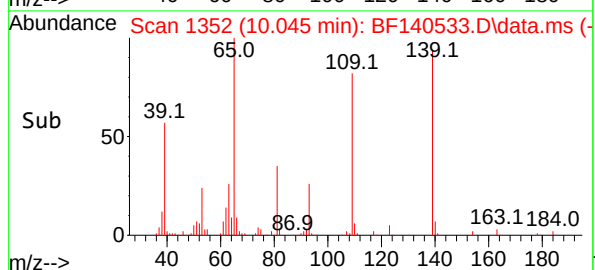
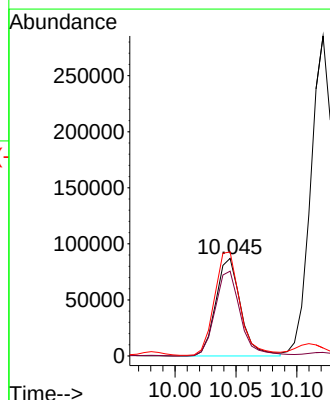
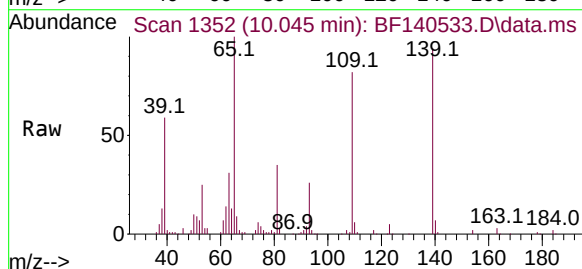
Tgt Ion:139 Resp: 124021

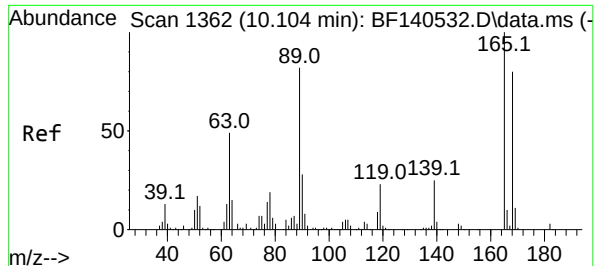
Ion Ratio Lower Upper

139 100

109 87.0 68.4 108.4

65 106.5 88.6 128.6

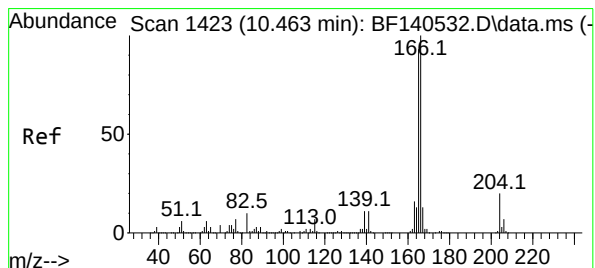
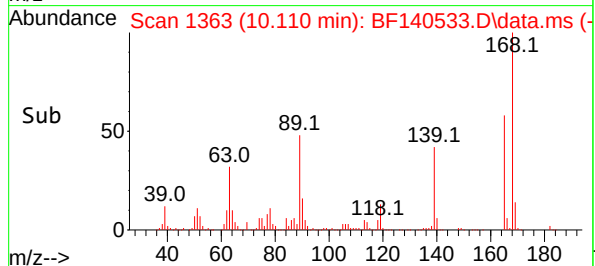
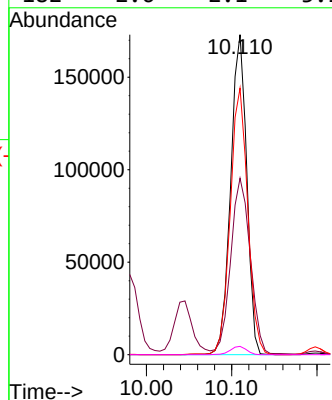
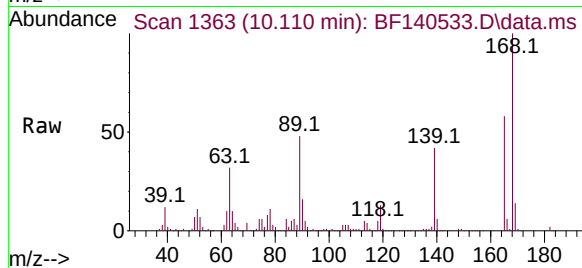




#57
2,4-Dinitrotoluene
Concen: 48.629 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

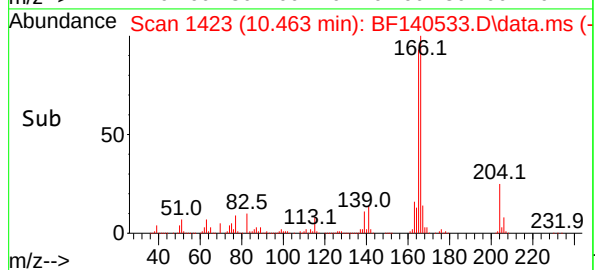
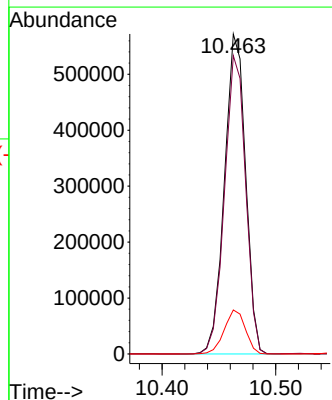
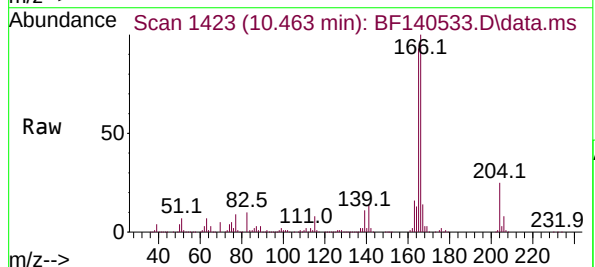
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

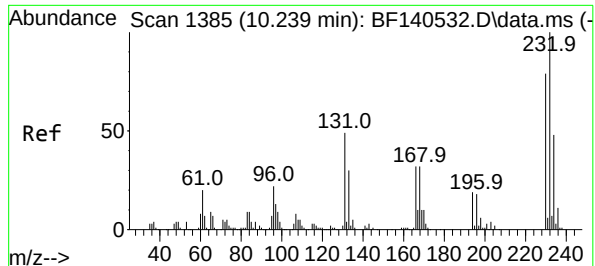
Tgt Ion:165 Resp: 225762
Ion Ratio Lower Upper
165 100
63 55.2 41.7 62.5
89 83.3 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 47.486 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:166 Resp: 738453
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.8 10.6 16.0

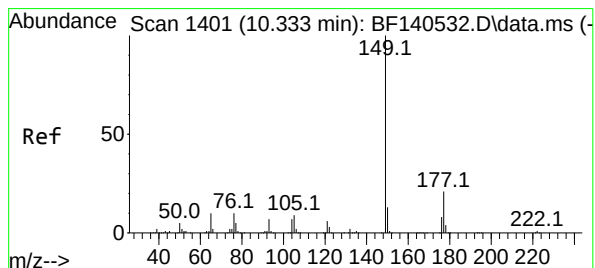
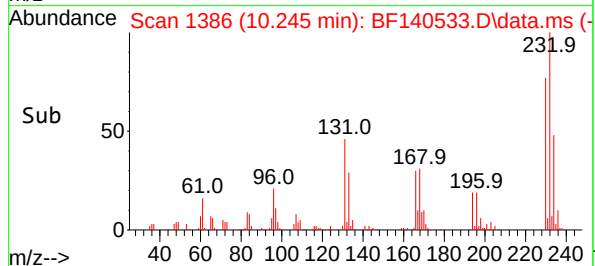
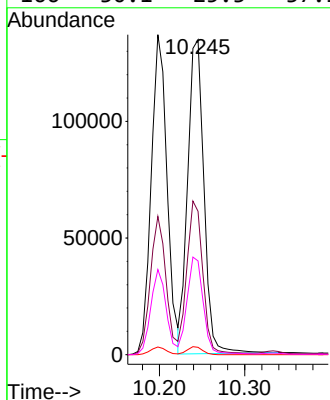
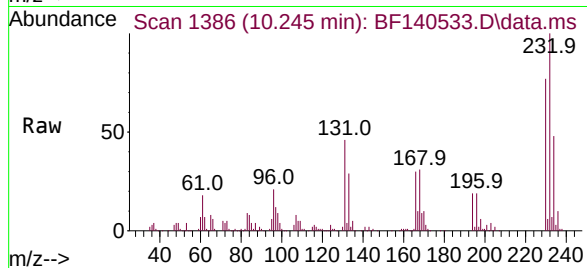




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.828 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

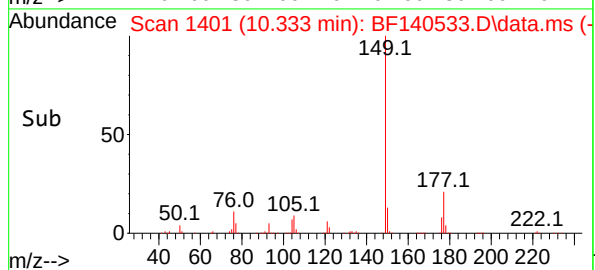
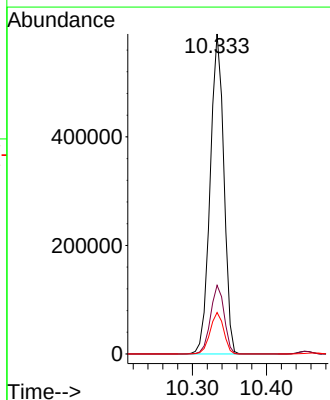
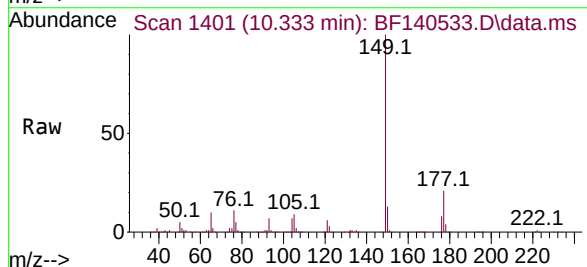
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

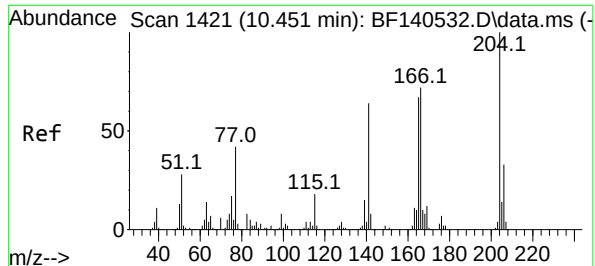
Tgt Ion:232 Resp: 178549
Ion Ratio Lower Upper
232 100
131 47.7 39.6 59.4
130 2.4 1.9 2.9
166 30.1 25.3 37.9



#60
Diethylphthalate
Concen: 48.268 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:149 Resp: 755358
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.9 10.1 15.1

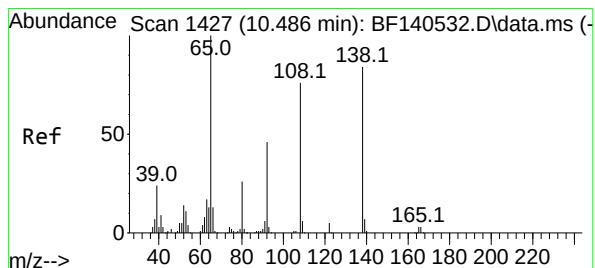
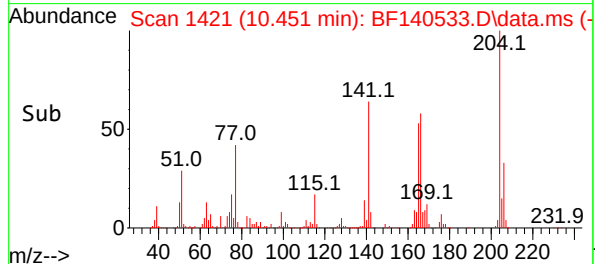
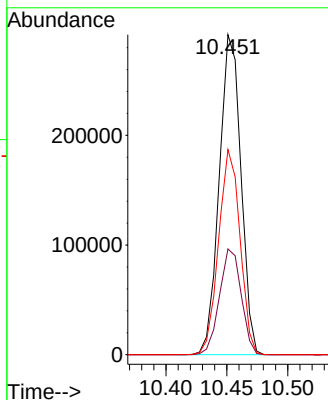
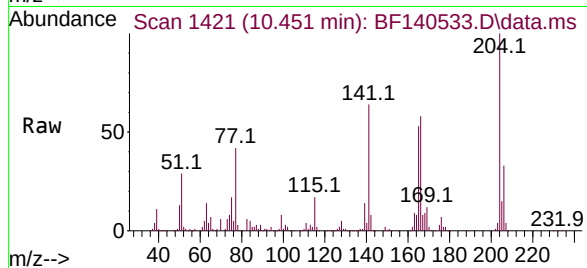




#61
4-Chlorophenyl-phenylether
Concen: 47.414 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

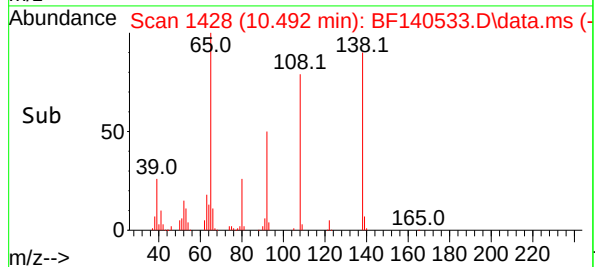
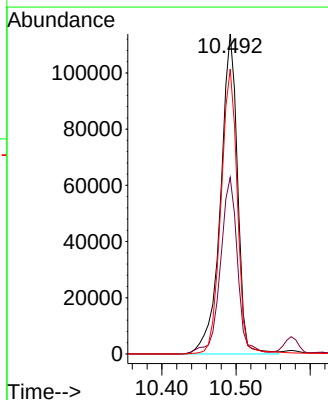
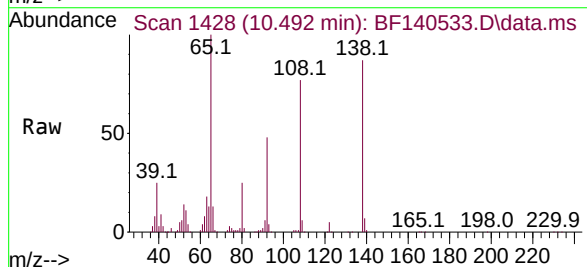
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

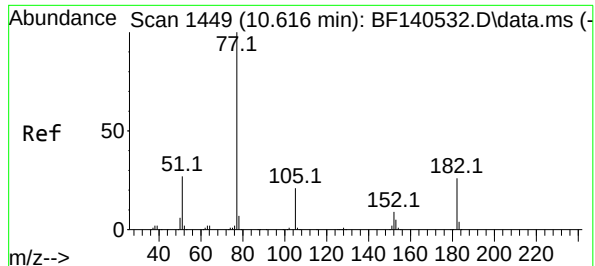
Tgt Ion:204 Resp: 361856
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 64.1 51.1 76.7



#62
4-Nitroaniline
Concen: 50.512 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:138 Resp: 180999
Ion Ratio Lower Upper
138 100
92 55.2 34.5 74.5
108 89.0 70.6 110.6

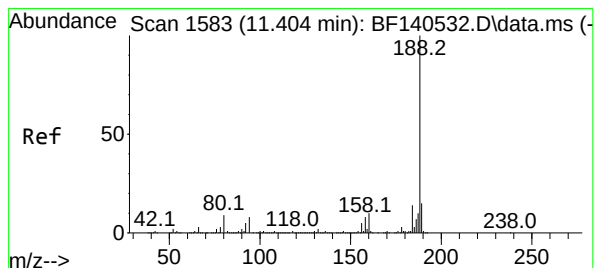
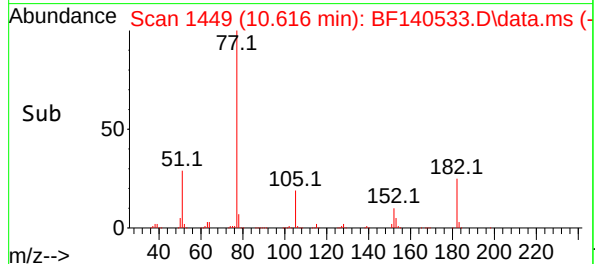
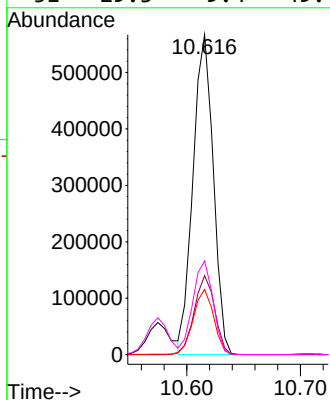
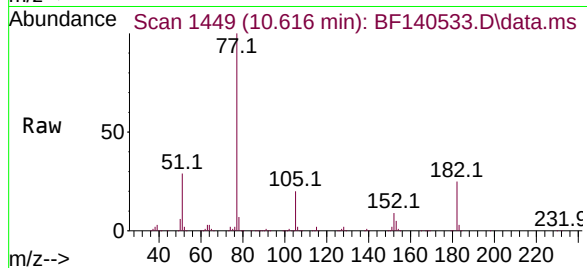




#63
Azobenzene
Concen: 47.529 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

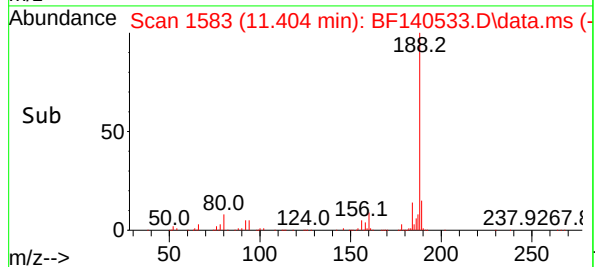
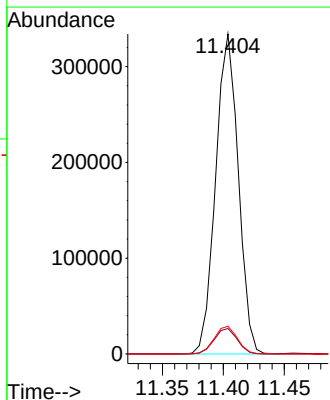
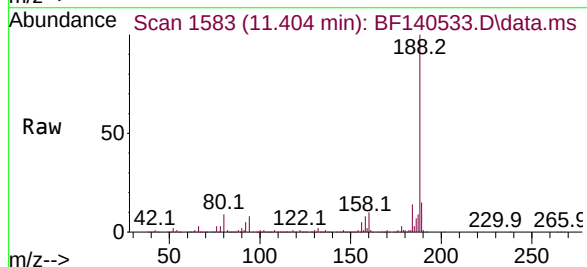
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

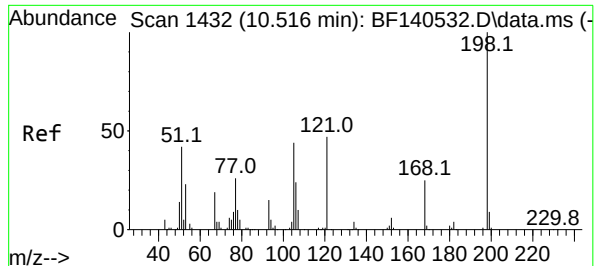
Tgt Ion:	77	Resp:	704370
Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.3	45.3
105	20.4	0.3	40.3
51	29.3	9.4	49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:	188	Resp:	432727
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.4	9.6
80	8.7	6.9	10.3

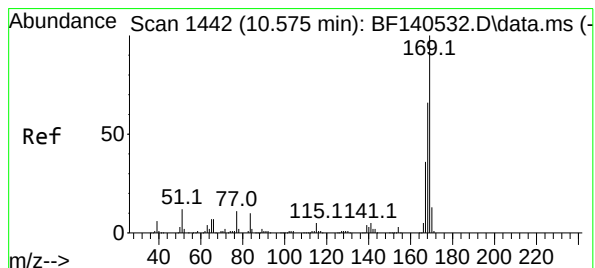
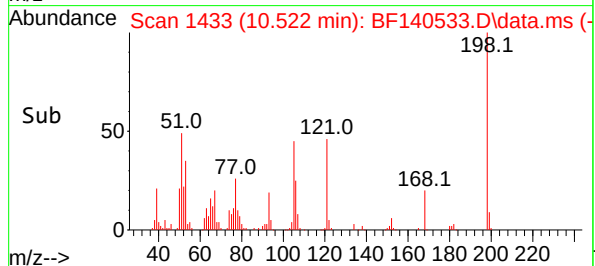
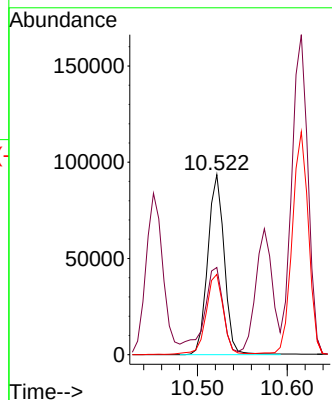
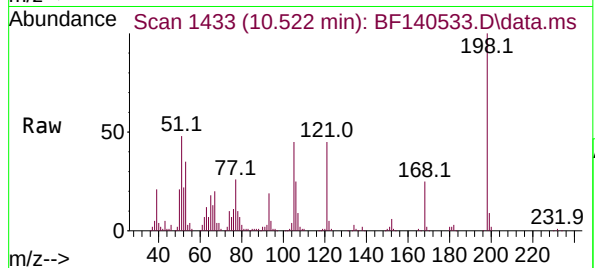




#65
4,6-Dinitro-2-methylphenol
Concen: 53.947 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

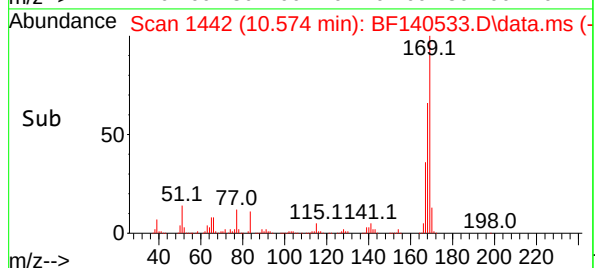
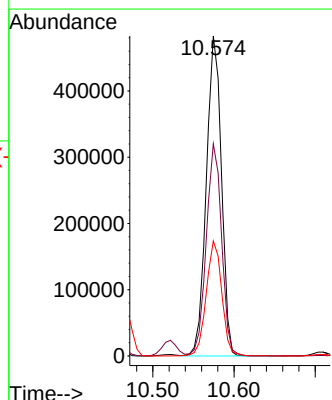
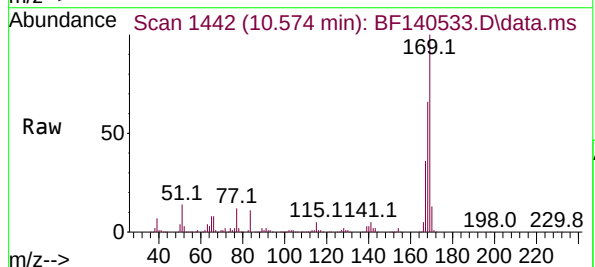
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

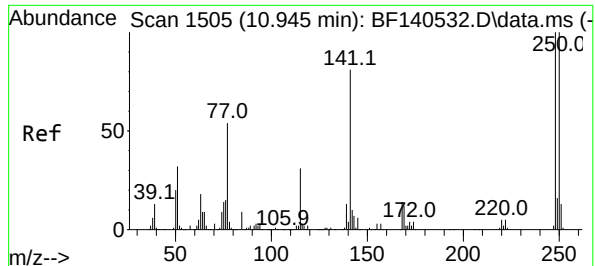
Tgt Ion:198 Resp: 119290
Ion Ratio Lower Upper
198 100
51 48.5 29.4 69.4
105 44.6 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 48.740 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:169 Resp: 623715
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 48.587 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

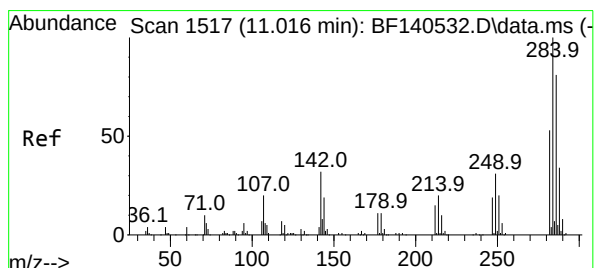
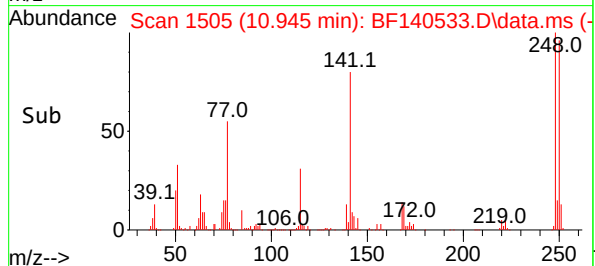
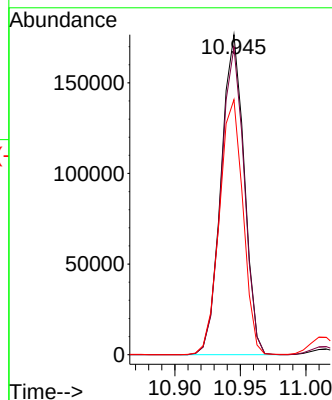
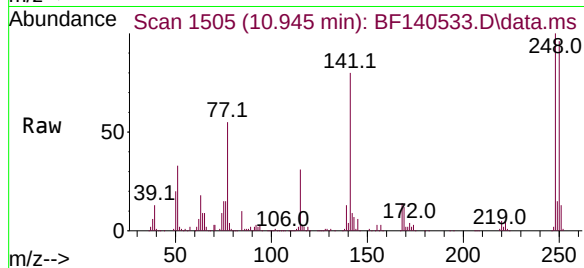
Tgt Ion:248 Resp: 216523

Ion Ratio Lower Upper

248 100

250 96.1 79.8 119.8

141 79.7 64.7 97.1



#68

Hexachlorobenzene

Concen: 48.739 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

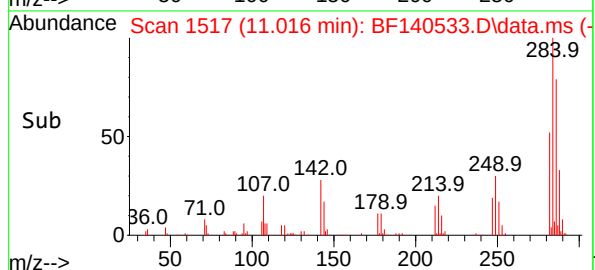
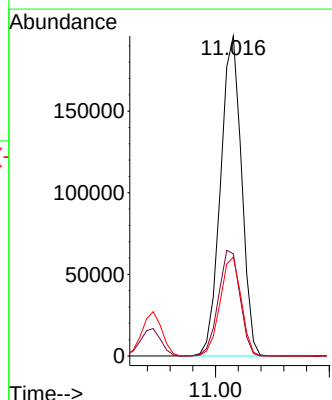
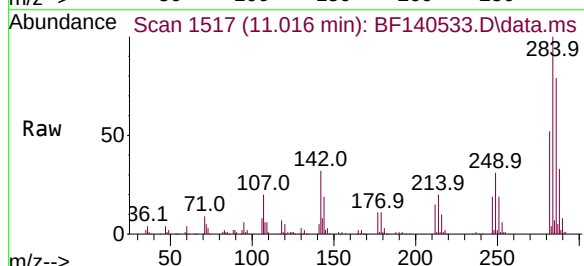
Tgt Ion:284 Resp: 251498

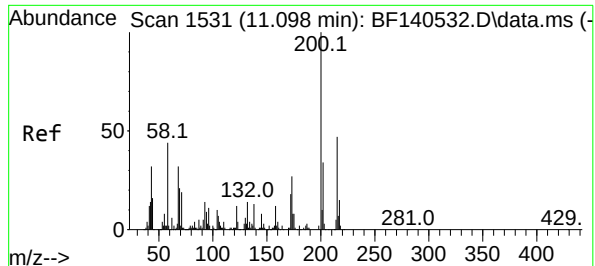
Ion Ratio Lower Upper

284 100

142 32.0 25.3 37.9

249 30.9 24.8 37.2

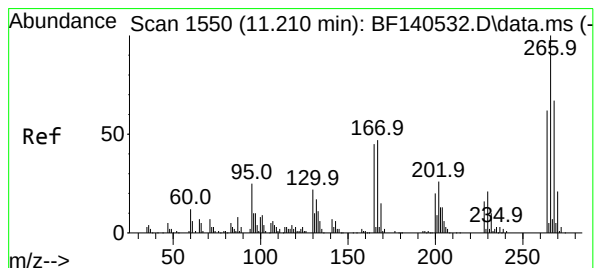
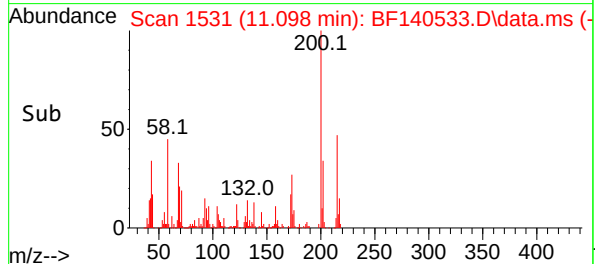
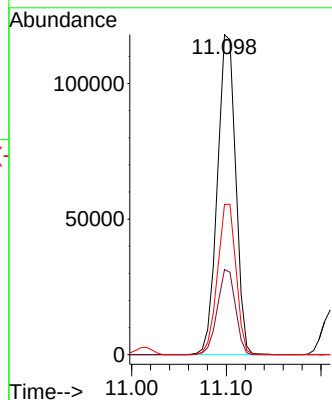
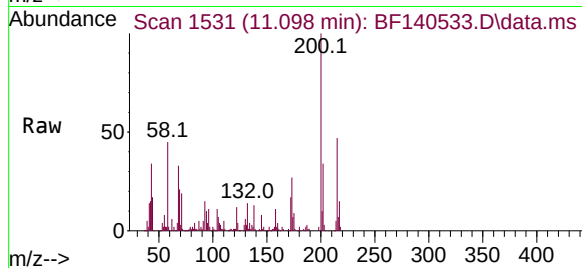




#69
Atrazine
Concen: 44.180 ng
RT: 11.098 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

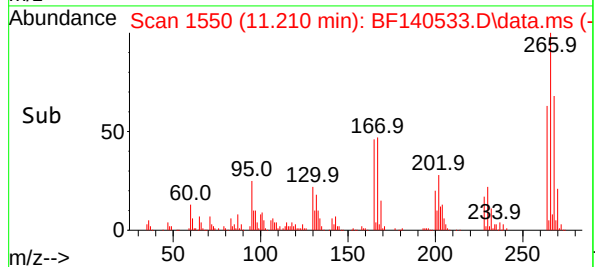
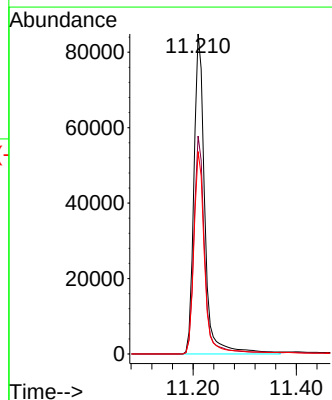
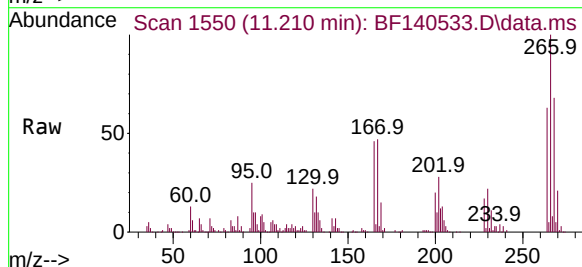
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

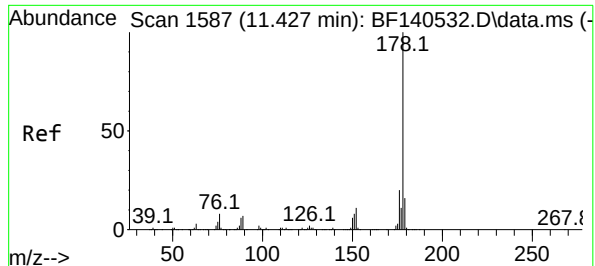
Tgt Ion:200 Resp: 159048
Ion Ratio Lower Upper
200 100
173 26.6 7.0 47.0
215 46.9 26.7 66.7



#70
Pentachlorophenol
Concen: 54.656 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:266 Resp: 124128
Ion Ratio Lower Upper
266 100
268 68.1 53.7 80.5
264 63.3 49.8 74.8

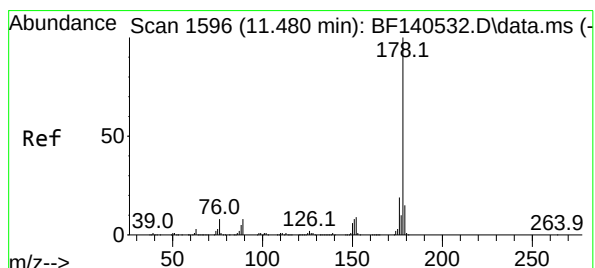
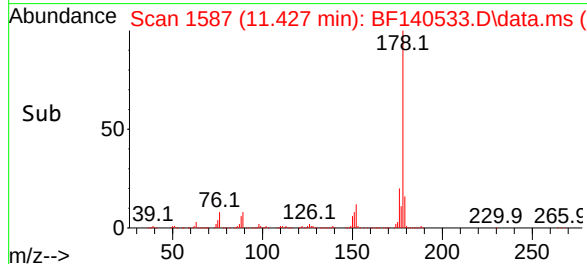
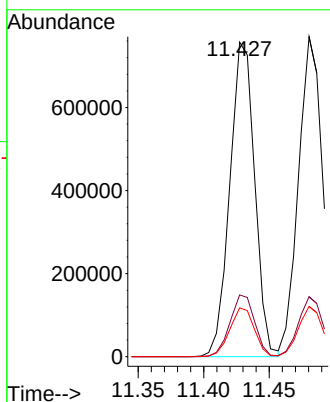
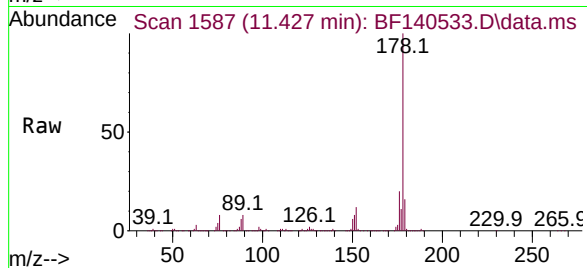




#71
Phenanthrene
Concen: 48.118 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

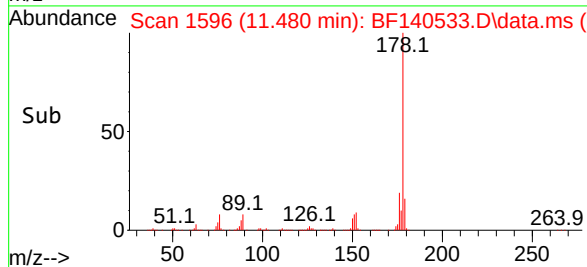
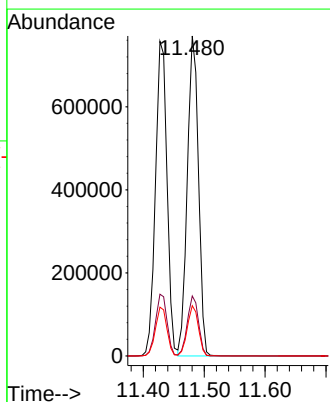
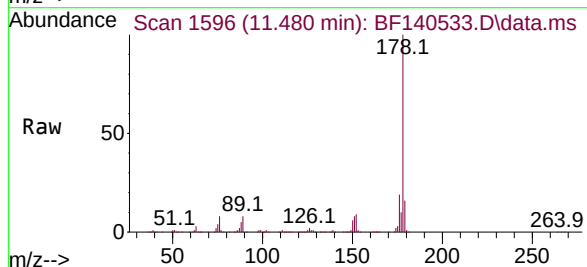
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

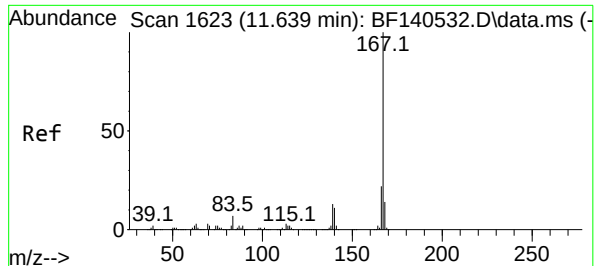
Tgt Ion:178 Resp: 1000897
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 48.111 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:178 Resp: 978923
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.2 18.4

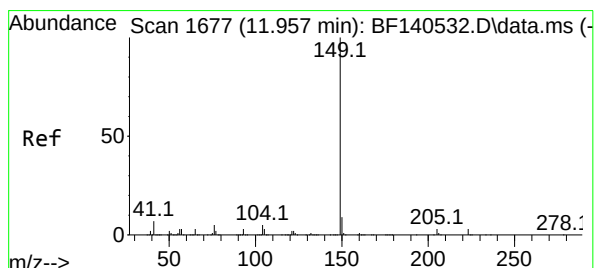
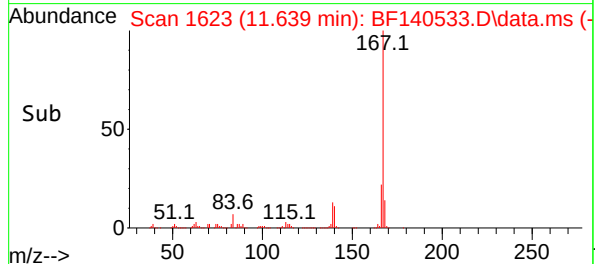
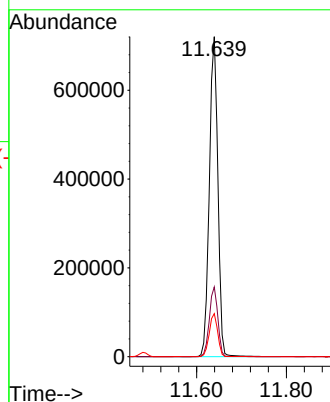
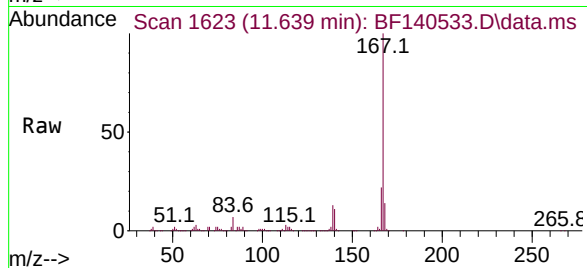




#73
Carbazole
Concen: 48.436 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

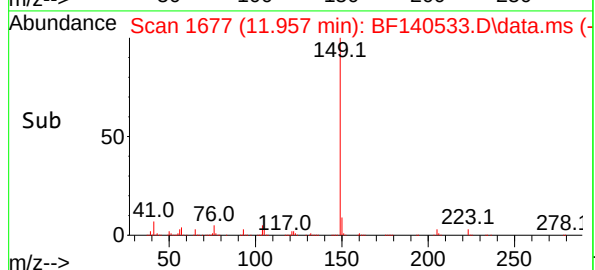
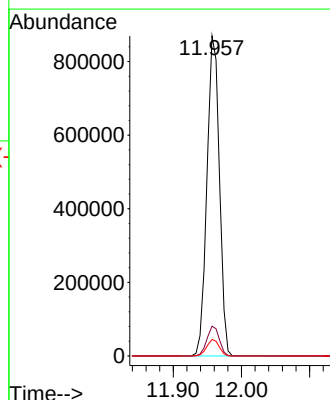
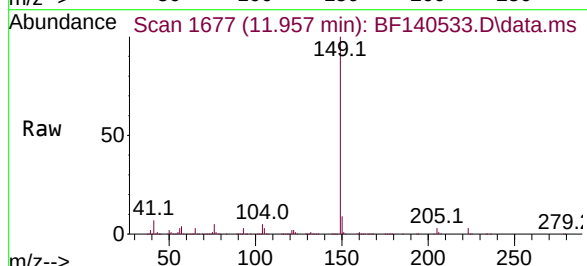
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

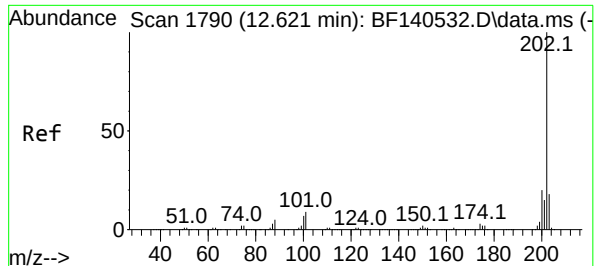
Tgt Ion:167 Resp: 948090
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 13.5 10.6 15.8



#74
Di-n-butylphthalate
Concen: 48.899 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:149 Resp: 1105032
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.1 6.1

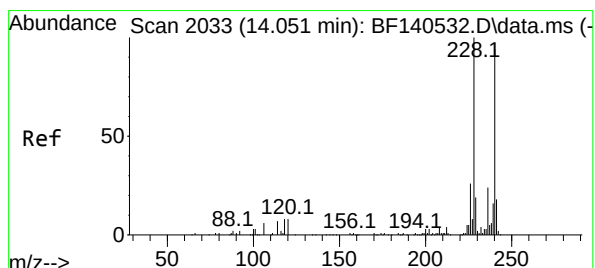
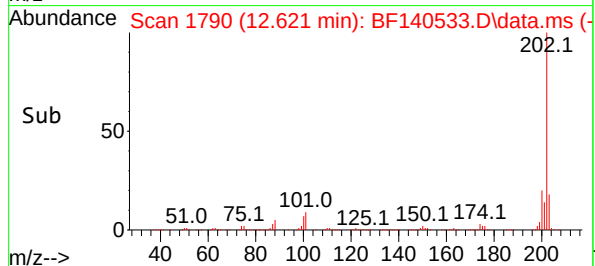
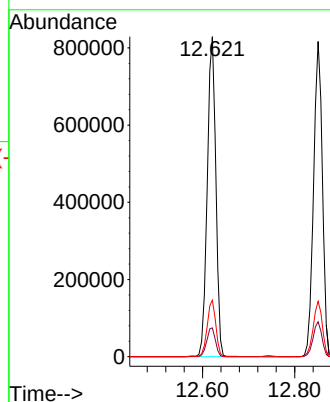
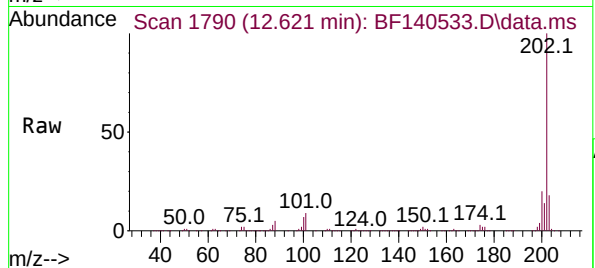




#75
Fluoranthene
Concen: 47.849 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

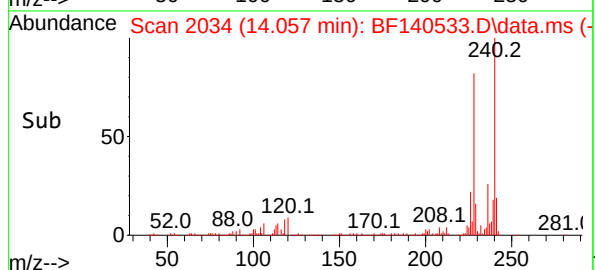
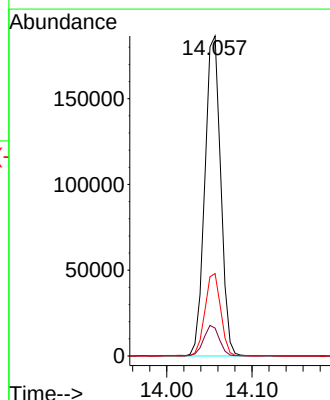
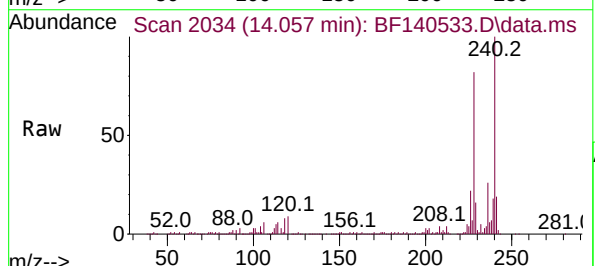
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

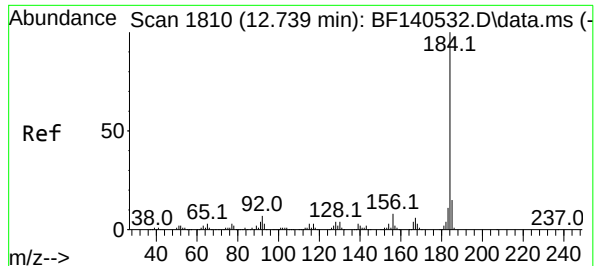
Tgt Ion:202 Resp: 1080641
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:240 Resp: 241266
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.7 20.6 31.0





#77

Benzidine

Concen: 63.133 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

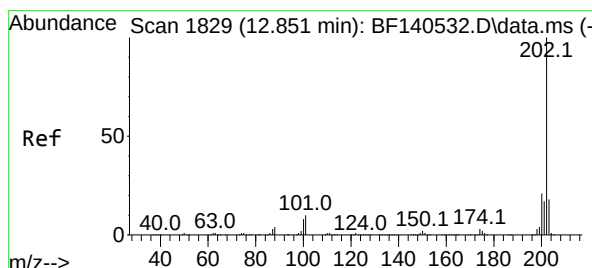
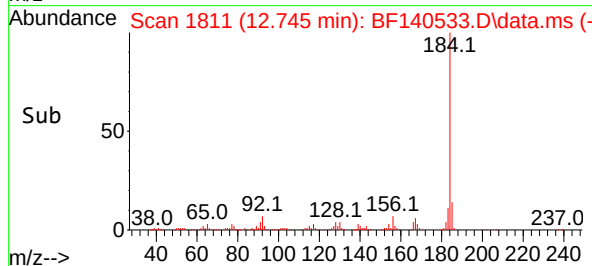
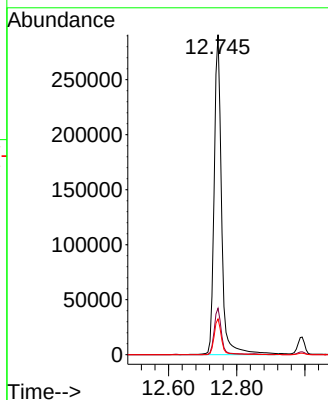
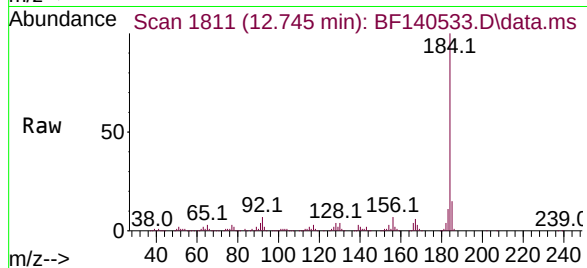
Tgt Ion:184 Resp: 442856

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 11.2 8.8 13.2



#78

Pyrene

Concen: 48.420 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

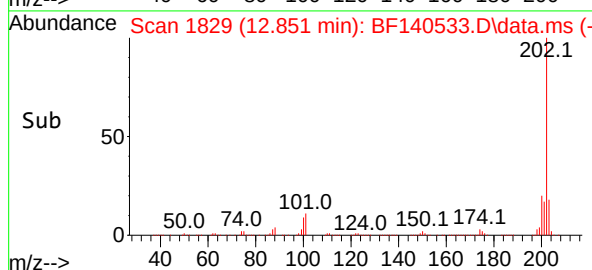
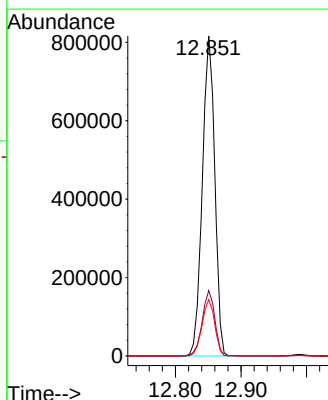
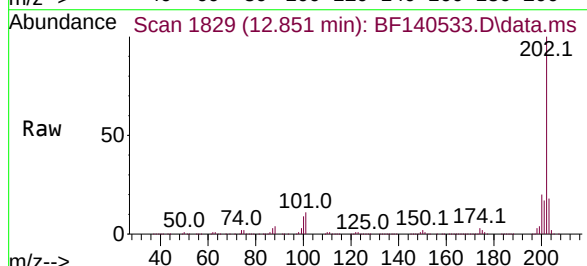
Tgt Ion:202 Resp: 1080149

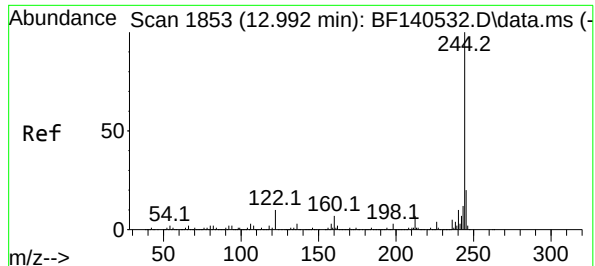
Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 95.640 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

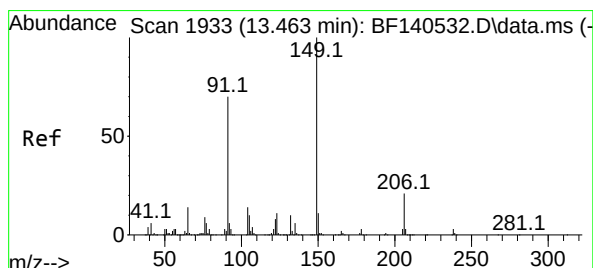
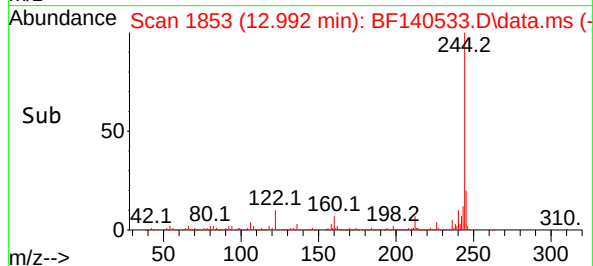
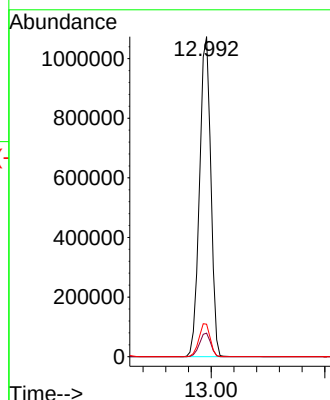
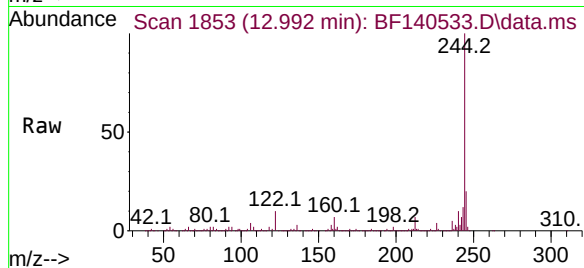
Tgt Ion:244 Resp: 1481875

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 49.136 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

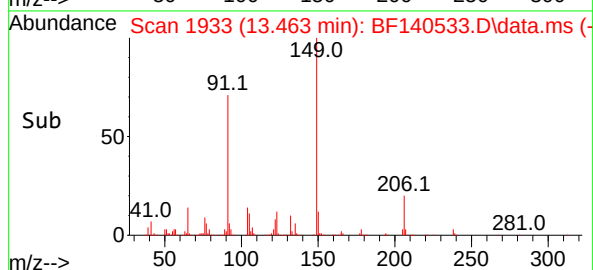
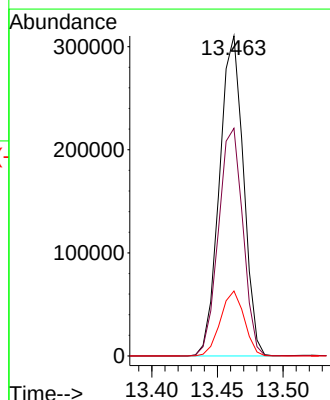
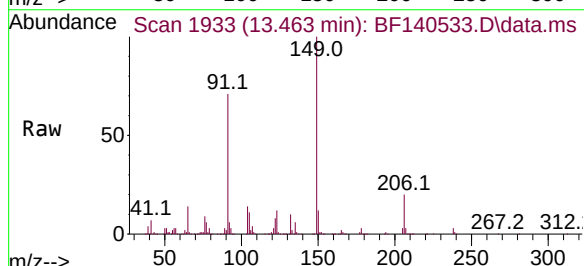
Tgt Ion:149 Resp: 394867

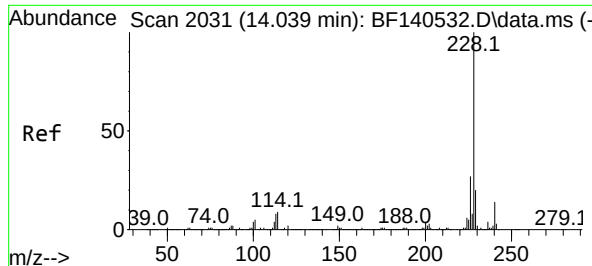
Ion Ratio Lower Upper

149 100

91 71.1 56.2 84.2

206 20.3 16.4 24.6

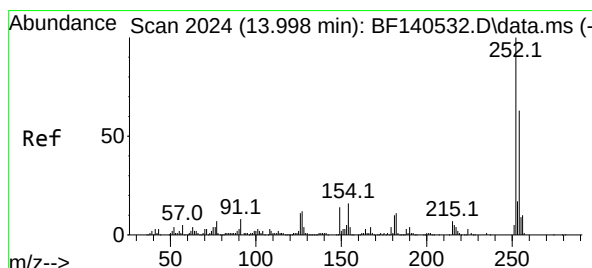
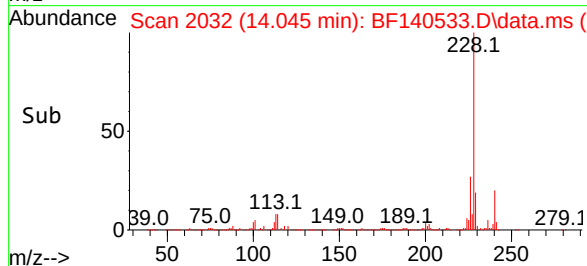
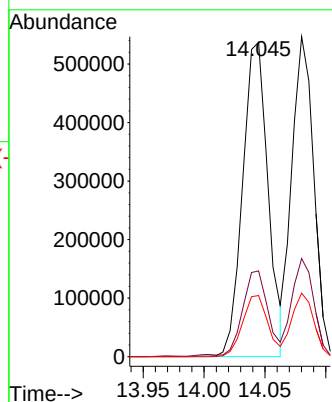
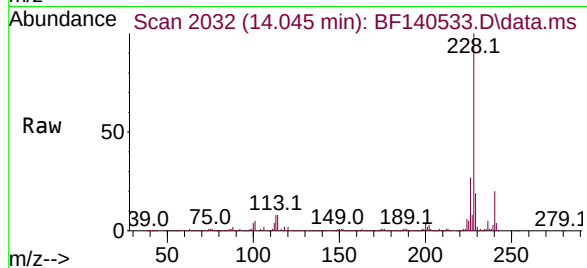




#81
Benzo(a)anthracene
Concen: 48.892 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

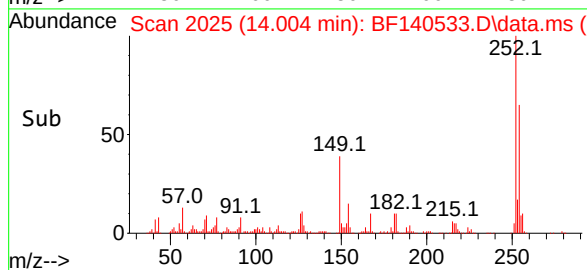
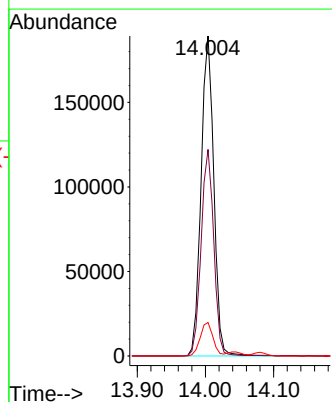
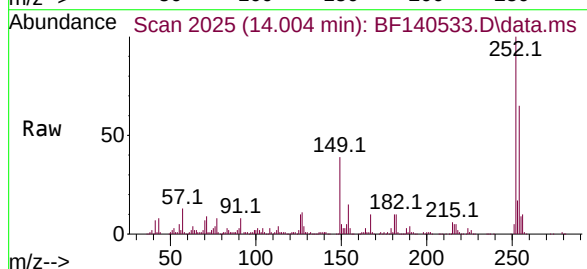
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

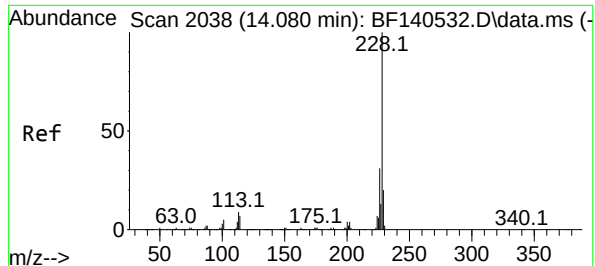
Tgt Ion:228 Resp: 780853
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 51.072 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:252 Resp: 244892
Ion Ratio Lower Upper
252 100
254 64.5 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 46.964 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

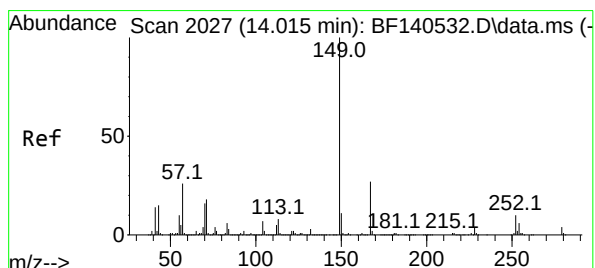
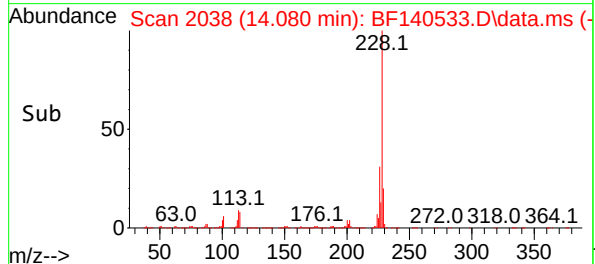
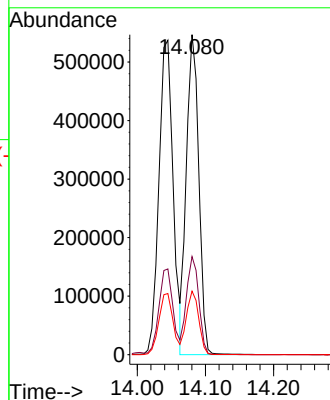
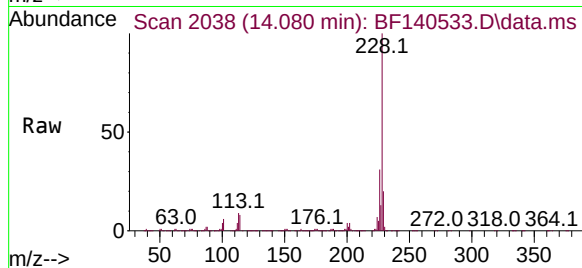
Tgt Ion:228 Resp: 685847

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.994 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

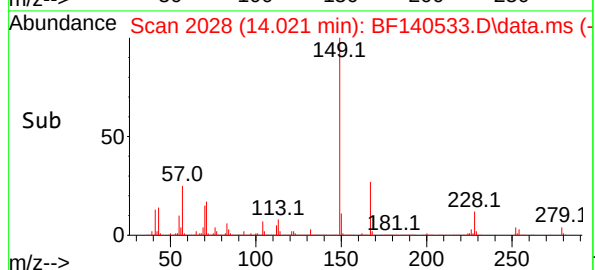
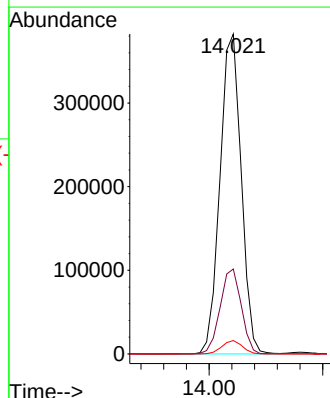
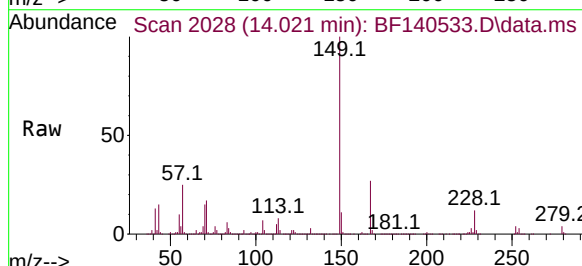
Tgt Ion:149 Resp: 497161

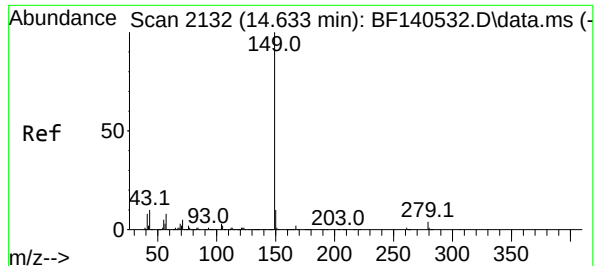
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.2 3.2 4.8

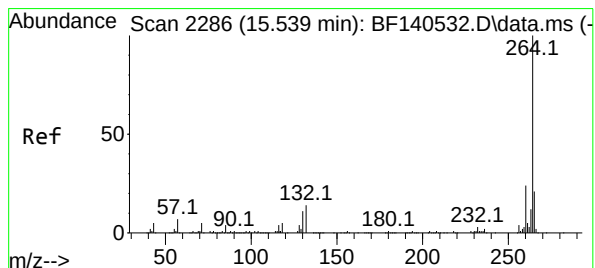
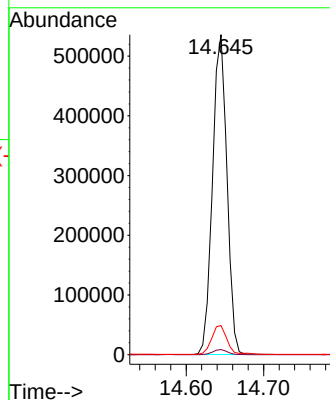
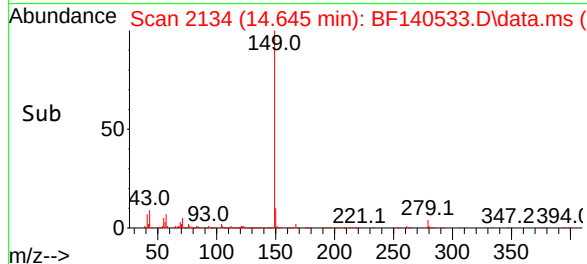
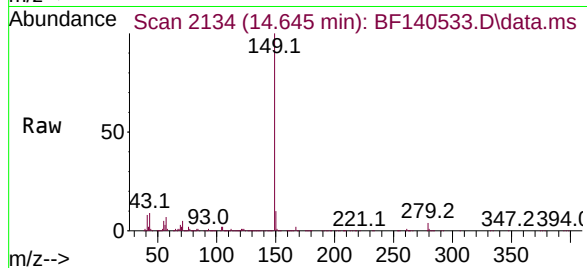




#85
Di-n-octyl phthalate
Concen: 49.901 ng
RT: 14.645 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

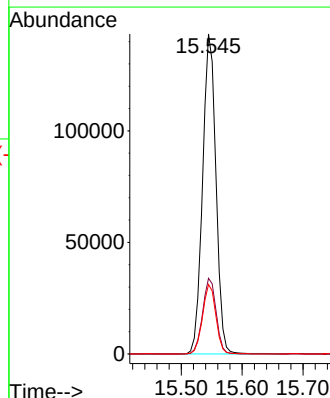
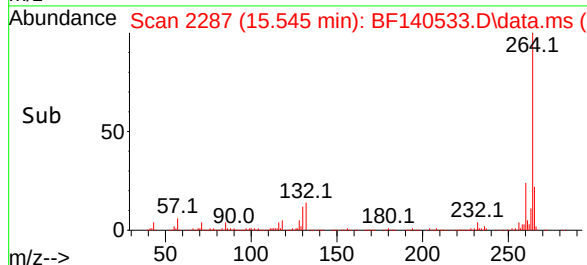
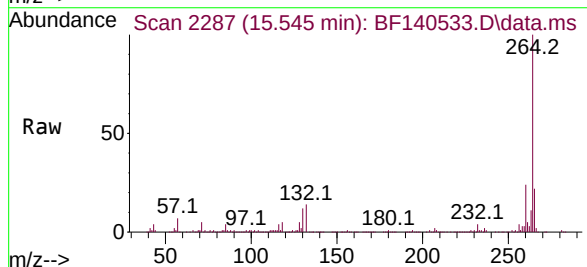
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

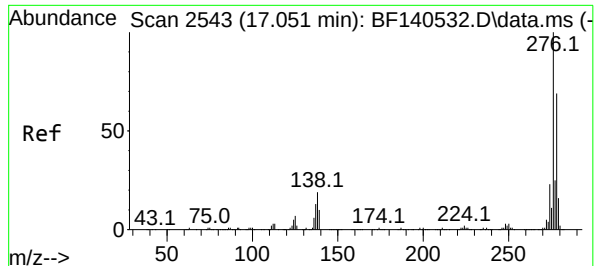
Tgt Ion:149 Resp: 692020
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:264 Resp: 219139
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.7 16.6 25.0

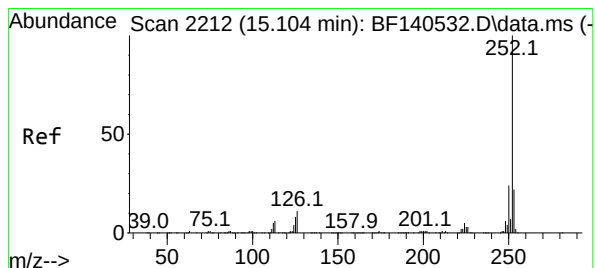
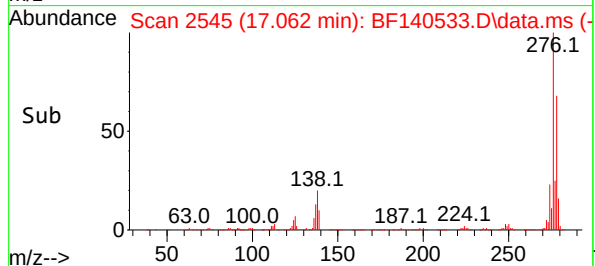
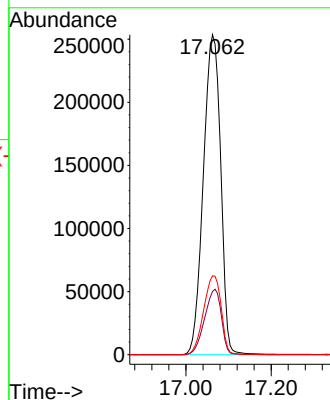
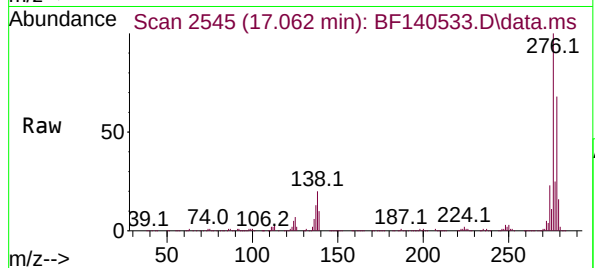




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.117 ng
RT: 17.062 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

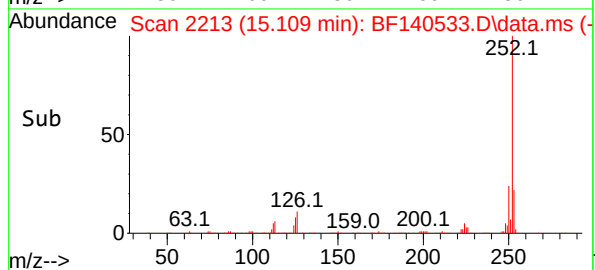
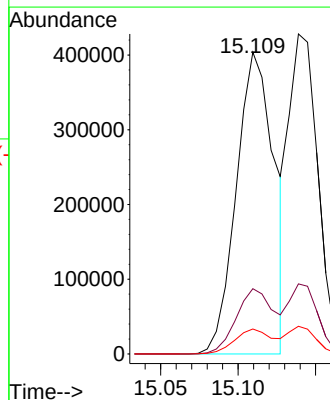
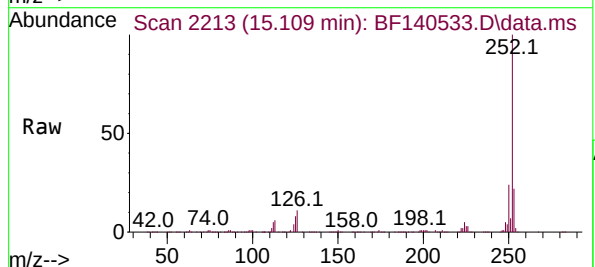
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

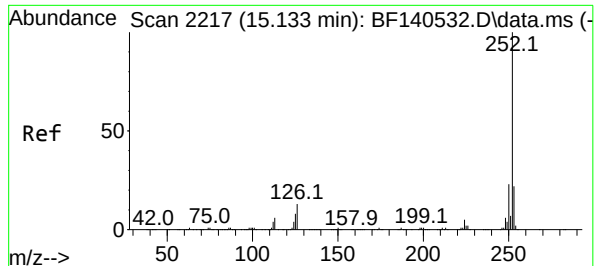
Tgt Ion:276 Resp: 715720
Ion Ratio Lower Upper
276 100
138 19.8 15.5 23.3
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 49.687 ng
RT: 15.109 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:252 Resp: 683919
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 46.467 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

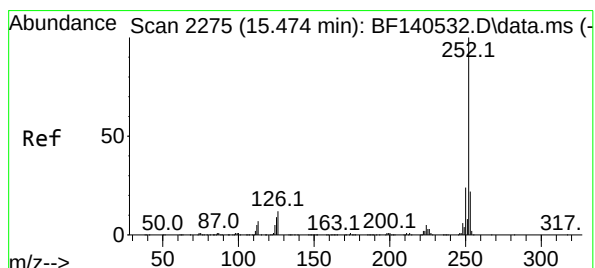
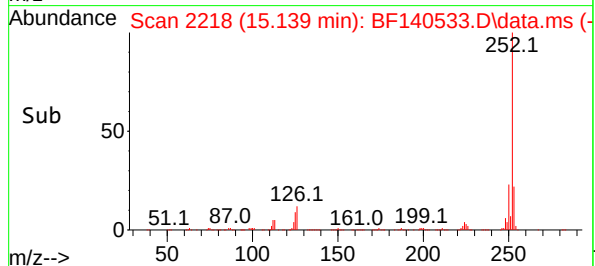
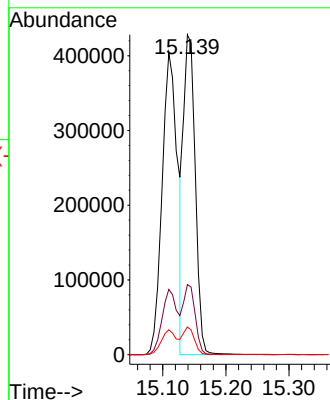
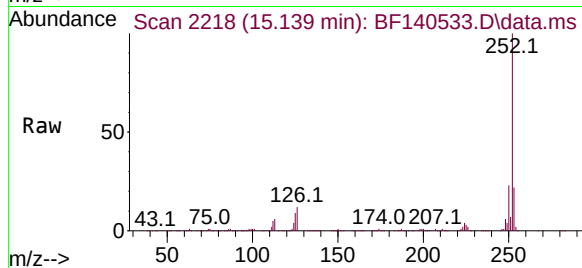
Tgt Ion:252 Resp: 559704

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.7 6.5 9.7



#90

Benzo(a)pyrene

Concen: 48.835 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140533.D

Acq: 21 Nov 2024 13:25

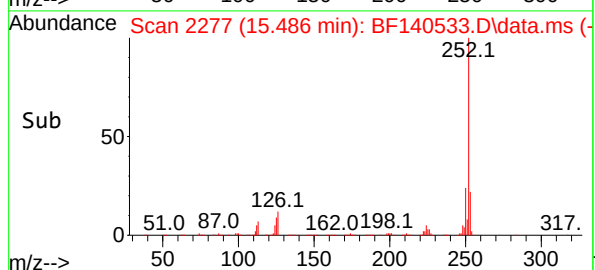
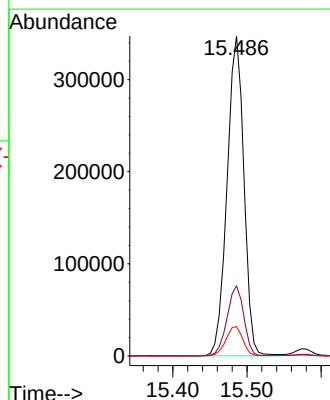
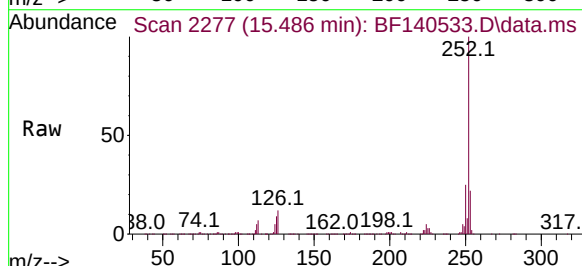
Tgt Ion:252 Resp: 546539

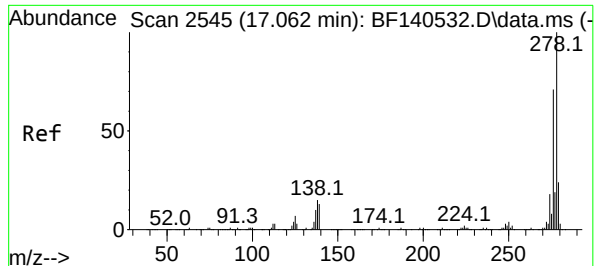
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.1 7.0 10.6

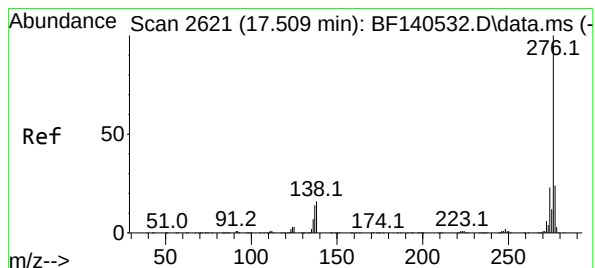
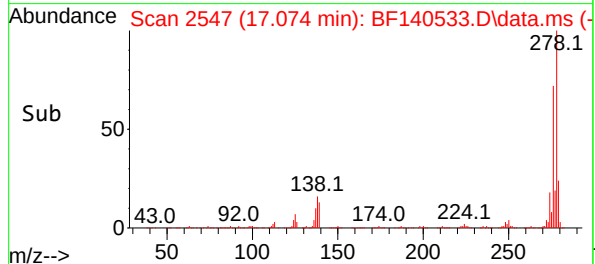
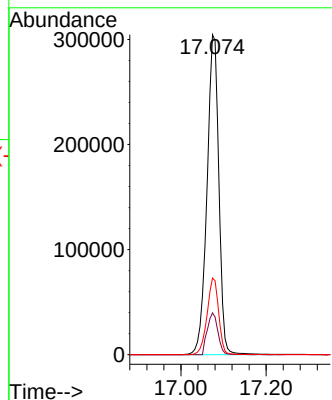
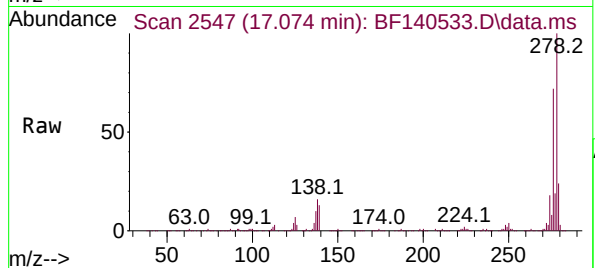




#91
Dibenzo(a,h)anthracene
Concen: 50.339 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

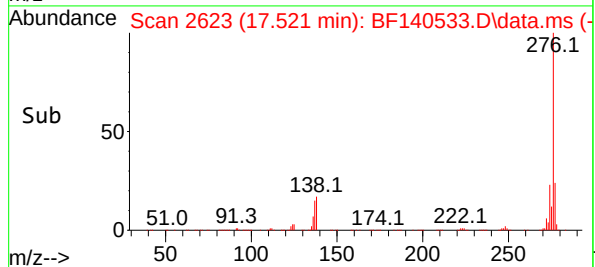
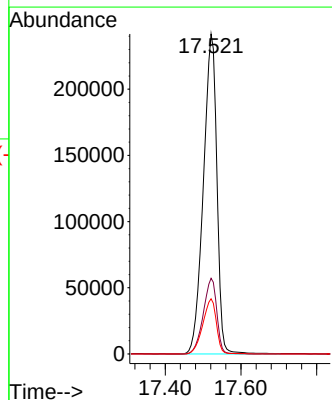
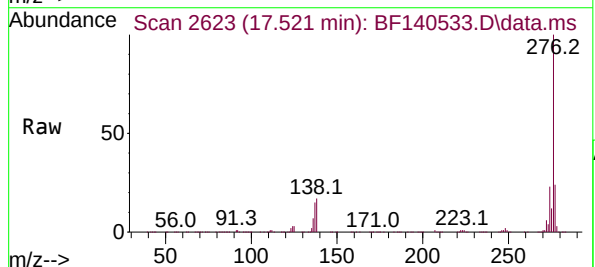
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 588742
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 50.203 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140533.D
Acq: 21 Nov 2024 13:25

Tgt Ion:276 Resp: 599158
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 17.2 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140534.D
 Acq On : 21 Nov 2024 13:51
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 21 15:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126992	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	460987	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	252108	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	449876	20.000	ng	0.00
76) Chrysene-d12	14.051	240	226512	20.000	ng	0.00
86) Perylene-d12	15.539	264	216239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	858529	115.348	ng	0.00
7) Phenol-d6	6.522	99	1119751	113.799	ng	0.00
23) Nitrobenzene-d5	7.445	82	1043537	115.789	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	317506	117.756	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1875064	110.815	ng	0.00
79) Terphenyl-d14	12.992	244	1783980	122.638	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	172855	55.237	ng	100
3) Pyridine	3.422	79	414269	60.167	ng	97
4) n-Nitrosodimethylamine	3.398	42	240667	59.472	ng	99
6) Aniline	6.545	93	388609	56.111	ng	# 75
8) 2-Chlorophenol	6.669	128	460365	57.492	ng	99
9) Benzaldehyde	6.428	77	242020	46.462	ng	98
10) Phenol	6.539	94	567815	56.506	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	457231	59.461	ng	99
12) 1,3-Dichlorobenzene	6.816	146	518683	57.647	ng	99
13) 1,4-Dichlorobenzene	6.892	146	522883	57.394	ng	99
14) 1,2-Dichlorobenzene	7.051	146	482402	56.509	ng	99
15) Benzyl Alcohol	7.022	79	415427	56.931	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	524697	57.758	ng	98
17) 2-Methylphenol	7.139	107	365400	57.006	ng	97
18) Hexachloroethane	7.386	117	194336	57.114	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	326639	56.169	ng	98
20) 3+4-Methylphenols	7.292	107	460654	55.912	ng	95
22) Acetophenone	7.292	105	636564	56.641	ng	98
24) Nitrobenzene	7.463	77	540526	58.030	ng	100
25) Isophorone	7.698	82	876972	58.340	ng	99
26) 2-Nitrophenol	7.775	139	249133	60.355	ng	100
27) 2,4-Dimethylphenol	7.816	122	285825	57.873	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	531210	58.008	ng	100
29) 2,4-Dichlorophenol	8.022	162	379082	57.925	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	431792	57.787	ng	100
31) Naphthalene	8.181	128	1359743	57.265	ng	99
32) Benzoic acid	7.969	122	265434	59.698	ng	99
33) 4-Chloroaniline	8.233	127	425356	59.831	ng	99
34) Hexachlorobutadiene	8.292	225	286614	57.911	ng	98
35) Caprolactam	8.622	113	117351	57.943	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	424528	57.938	ng	99
37) 2-Methylnaphthalene	8.869	142	857509	56.857	ng	100
38) 1-Methylnaphthalene	8.969	142	841528	56.925	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	427164	57.878	ng	99
41) Hexachlorocyclopentadiene	9.016	237	97536	60.727	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	272399	58.819	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140534.D
 Acq On : 21 Nov 2024 13:51
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 21 15:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

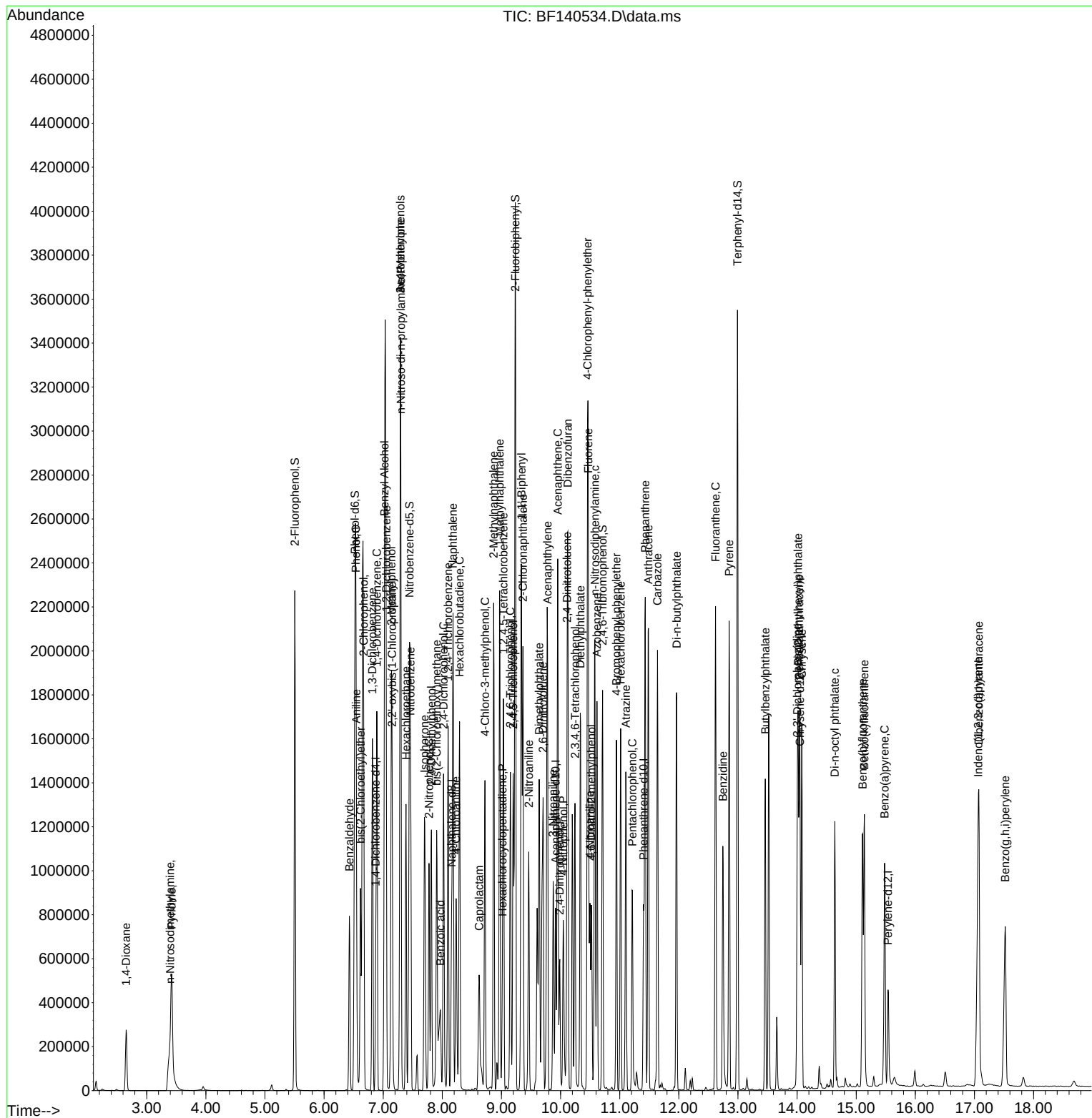
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	300029	59.694	ng	98
46) 1,1'-Biphenyl	9.339	154	1072474	56.978	ng	99
47) 2-Chloronaphthalene	9.363	162	819966	57.492	ng	99
48) 2-Nitroaniline	9.463	65	269813	58.938	ng	96
49) Acenaphthylene	9.780	152	1227568	56.965	ng	99
50) Dimethylphthalate	9.639	163	960589	57.854	ng	100
51) 2,6-Dinitrotoluene	9.704	165	221428	58.802	ng	99
52) Acenaphthene	9.951	154	784102	56.194	ng	100
53) 3-Nitroaniline	9.875	138	212165	57.607	ng	99
54) 2,4-Dinitrophenol	9.986	184	113495	60.328	ng	97
55) Dibenzofuran	10.122	168	1158263	55.459	ng	98
56) 4-Nitrophenol	10.045	139	161782	64.410	ng	96
57) 2,4-Dinitrotoluene	10.110	165	293950	58.735	ng	98
58) Fluorene	10.469	166	925678	55.218	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	230786	59.746	ng	97
60) Diethylphthalate	10.333	149	959366	56.869	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	457757	55.641	ng	99
62) 4-Nitroaniline	10.498	138	233877	60.547	ng	98
63) Azobenzene	10.616	77	912145	57.097	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	158199	68.815	ng	98
66) n-Nitrosodiphenylamine	10.580	169	783428	58.887	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	276260	59.628	ng	98
68) Hexachlorobenzene	11.016	284	317935	59.265	ng	99
69) Atrazine	11.104	200	264529	70.679	ng	100
70) Pentachlorophenol	11.216	266	162925	69.004	ng	99
71) Phenanthrene	11.433	178	1236004	57.156	ng	100
72) Anthracene	11.486	178	1220392	57.692	ng	99
73) Carbazole	11.639	167	1163411	57.171	ng	99
74) Di-n-butylphthalate	11.963	149	1359134	57.851	ng	100
75) Fluoranthene	12.621	202	1298953	55.323	ng	99
77) Benzidine	12.745	184	696576	105.771	ng	100
78) Pyrene	12.851	202	1289961	61.591	ng	100
80) Butylbenzylphthalate	13.463	149	458296	60.743	ng	98
81) Benzo(a)anthracene	14.039	228	909243	60.640	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	284725	63.247	ng	99
83) Chrysene	14.080	228	797151	58.142	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	571450	59.983	ng	100
85) Di-n-octyl phthalate	14.639	149	794359	61.012	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	914265	64.878	ng	98
88) Benzo(b)fluoranthene	15.109	252	782997	57.648	ng	99
89) Benzo(k)fluoranthene	15.139	252	684548	57.594	ng	100
90) Benzo(a)pyrene	15.480	252	657502	59.538	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	745614	64.606	ng	99
92) Benzo(g,h,i)perylene	17.521	276	753452	63.978	ng	98

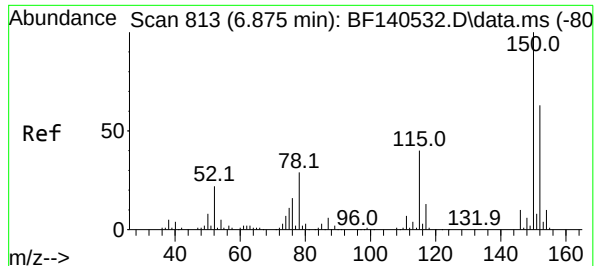
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140534.D
Acq On : 21 Nov 2024 13:51
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

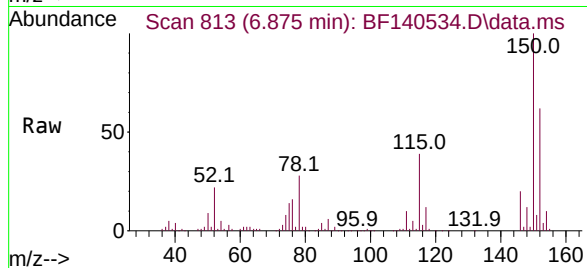
Quant Time: Nov 21 15:14:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration



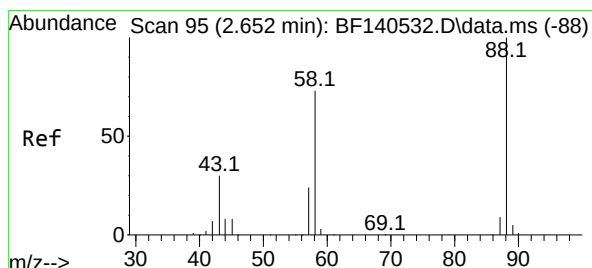
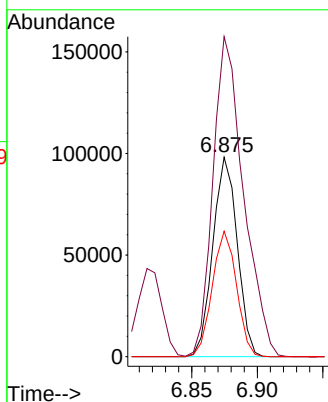
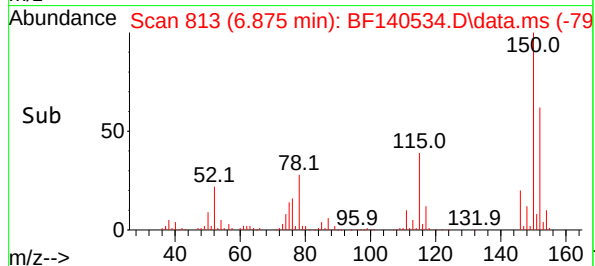


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

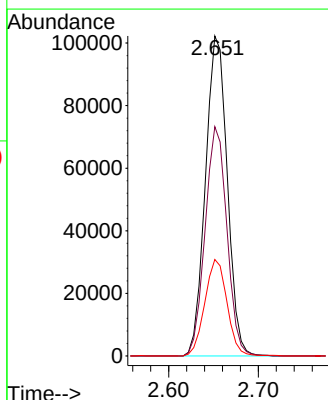
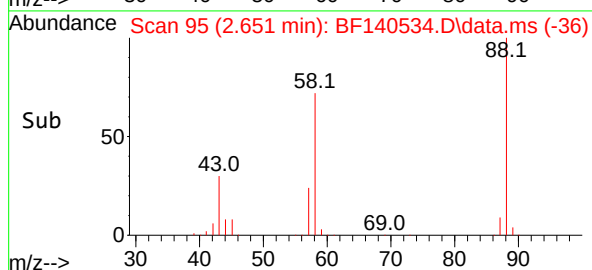
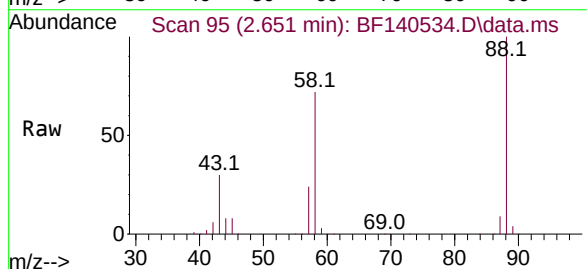


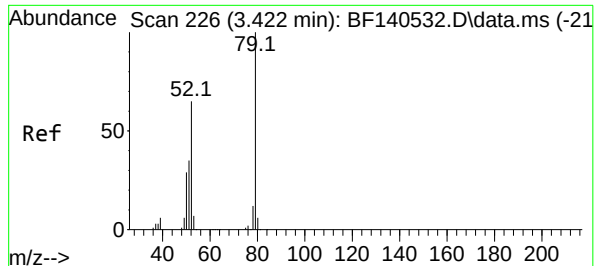
Tgt Ion:152 Resp: 126992
Ion Ratio Lower Upper
152 100
150 160.5 128.5 192.7
115 62.9 50.2 75.4



#2
1,4-Dioxane
Concen: 55.237 ng
RT: 2.651 min Scan# 95
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion: 88 Resp: 172855
Ion Ratio Lower Upper
88 100
58 71.5 57.4 86.2
43 30.7 24.3 36.5





#3

Pyridine

Concen: 60.167 ng

RT: 3.422 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

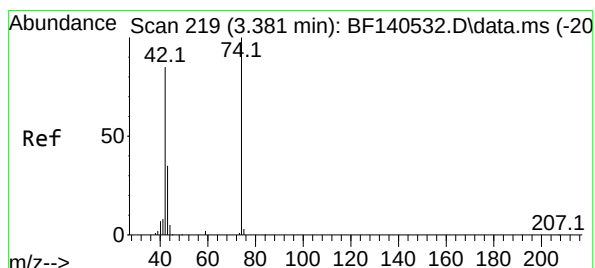
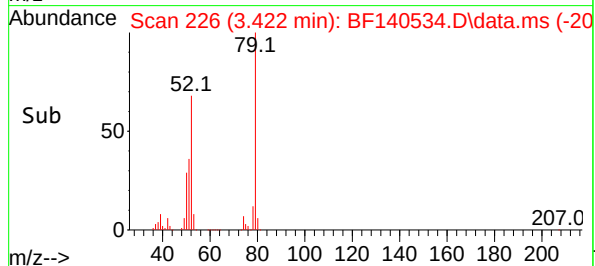
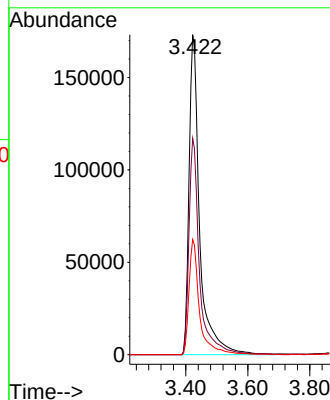
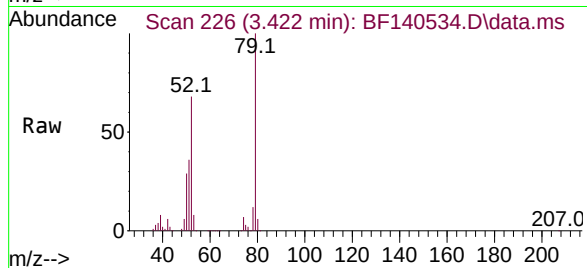
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 414269

Ion	Ratio	Lower	Upper
79	100		
52	67.6	52.1	78.1
51	36.0	27.8	41.8



#4

n-Nitrosodimethylamine

Concen: 59.472 ng

RT: 3.398 min Scan# 222

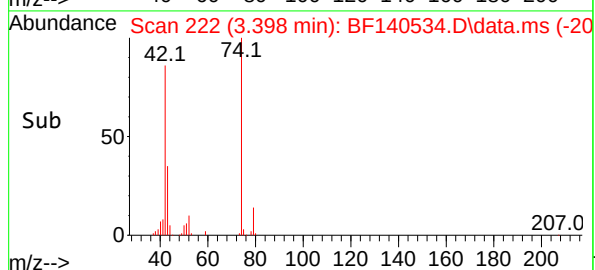
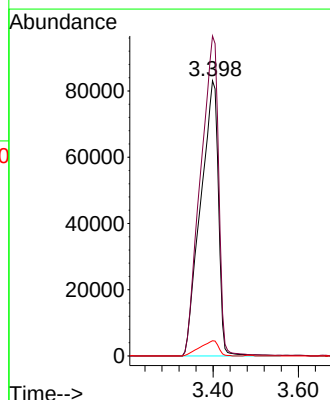
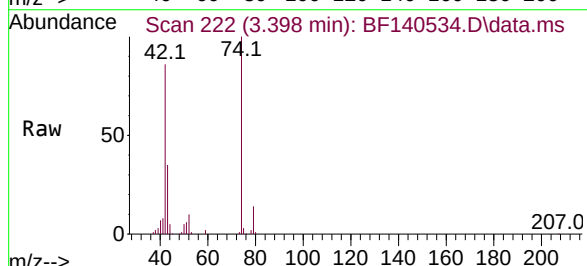
Delta R.T. 0.018 min

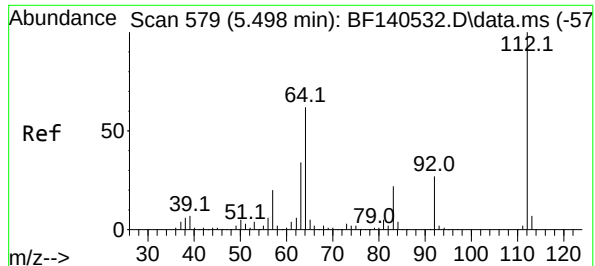
Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion: 42 Resp: 240667

Ion	Ratio	Lower	Upper
42	100		
74	116.3	93.8	140.6
44	5.6	4.6	6.8

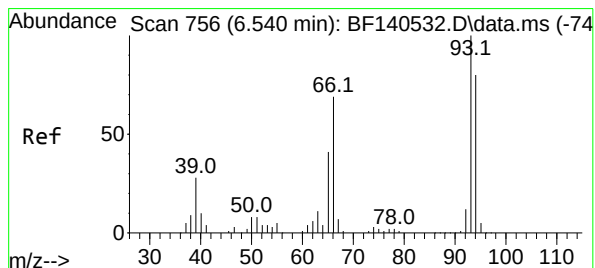
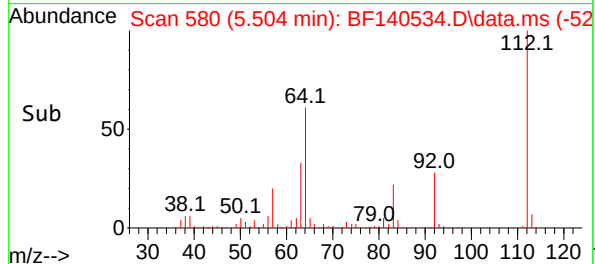
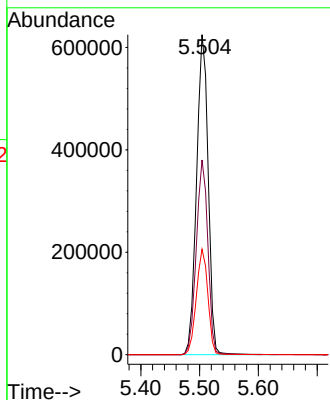
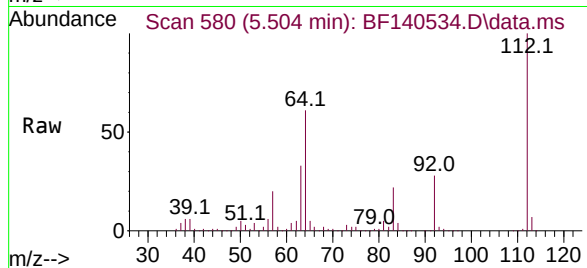




#5
2-Fluorophenol
Concen: 115.348 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

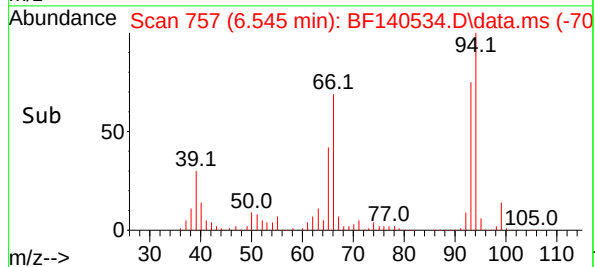
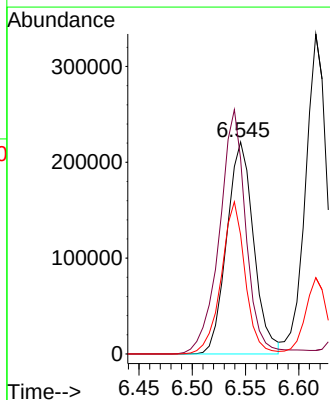
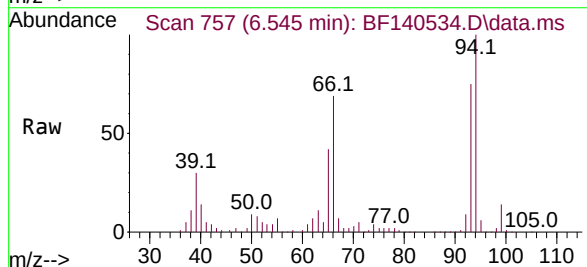
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

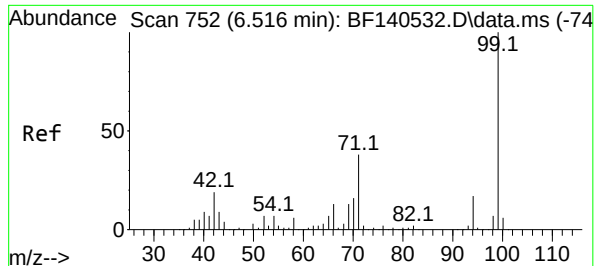
Tgt Ion:112 Resp: 858529
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 32.9 27.0 40.4



#6
Aniline
Concen: 56.111 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion: 93 Resp: 388609
Ion Ratio Lower Upper
93 100
66 92.0 56.5 84.7#
65 56.2 32.9 49.3#





#7

Phenol-d6

Concen: 113.799 ng

RT: 6.522 min Scan# 711

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

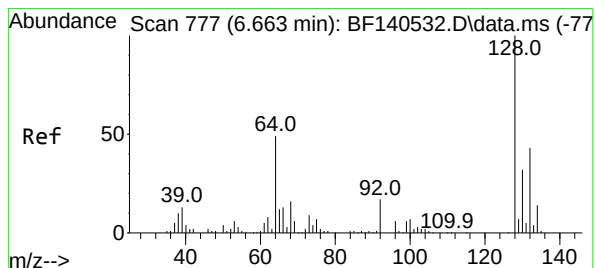
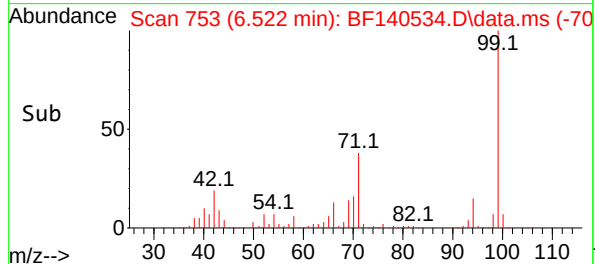
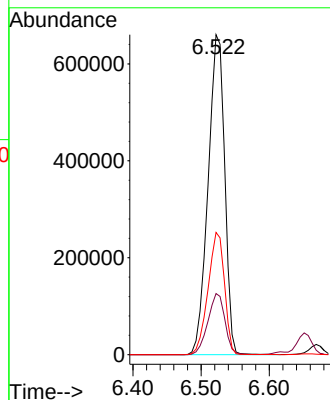
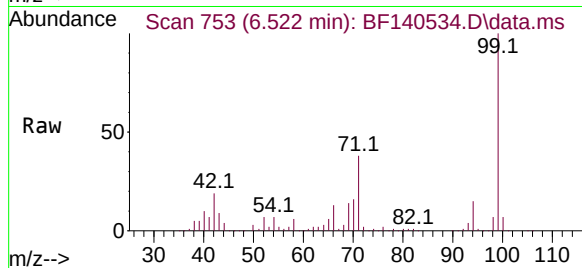
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1119751

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.4	23.0
71	38.2	30.6	46.0



#8

2-Chlorophenol

Concen: 57.492 ng

RT: 6.669 min Scan# 778

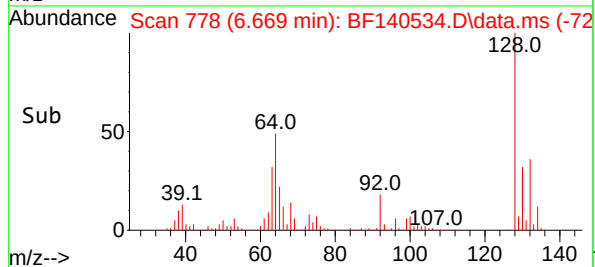
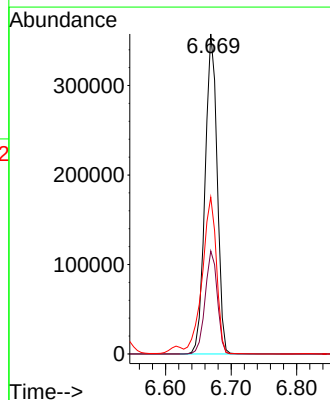
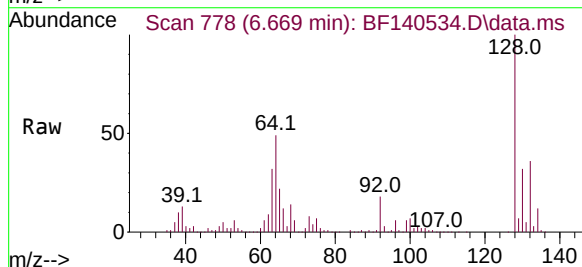
Delta R.T. 0.006 min

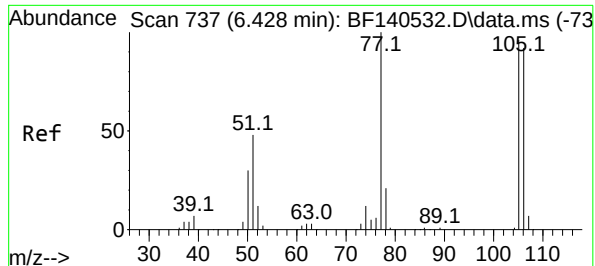
Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion:128 Resp: 460365

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.3	52.3
64	49.0	30.2	70.2





#9

Benzaldehyde

Concen: 46.462 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

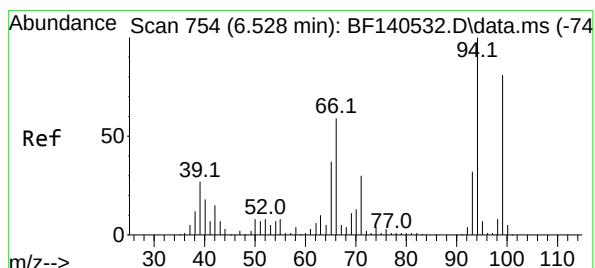
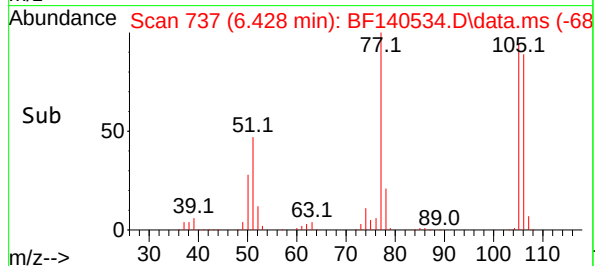
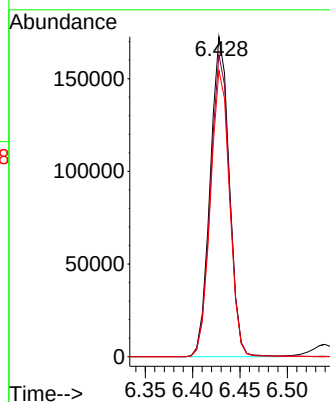
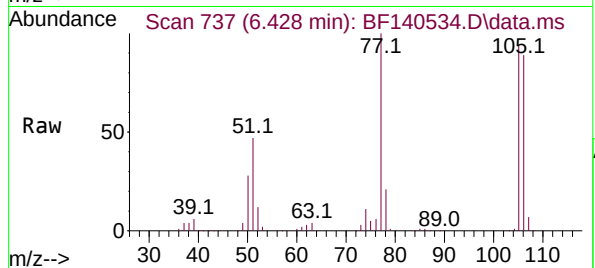
Tgt Ion: 77 Resp: 242020

Ion Ratio Lower Upper

77 100

105 94.3 75.6 115.6

106 89.4 72.0 112.0



#10

Phenol

Concen: 56.506 ng

RT: 6.539 min Scan# 756

Delta R.T. 0.012 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

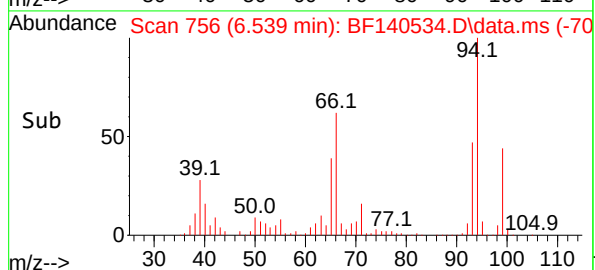
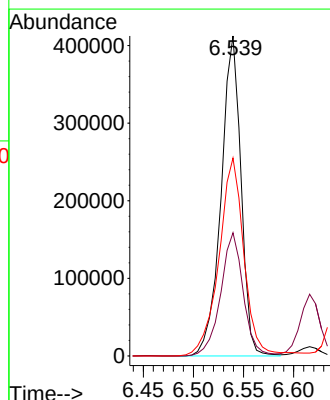
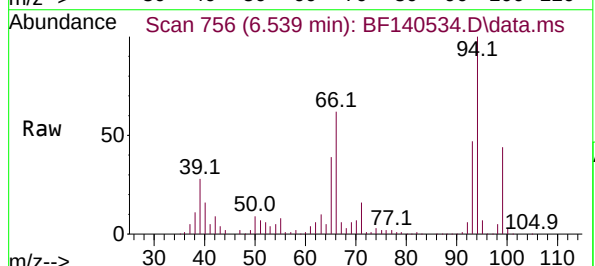
Tgt Ion: 94 Resp: 567815

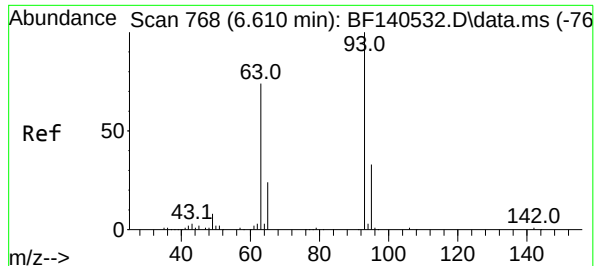
Ion Ratio Lower Upper

94 100

65 38.5 17.2 57.2

66 61.8 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 59.461 ng

RT: 6.616 min Scan# 768

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

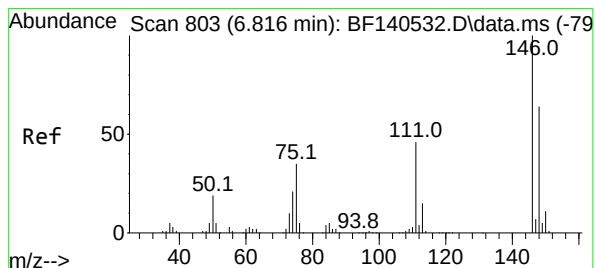
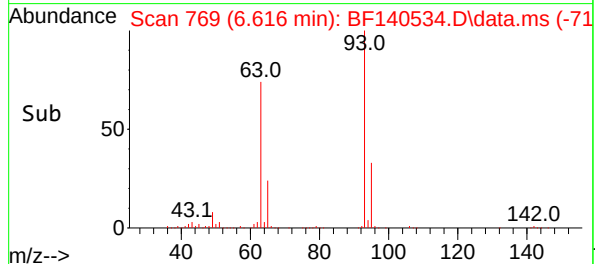
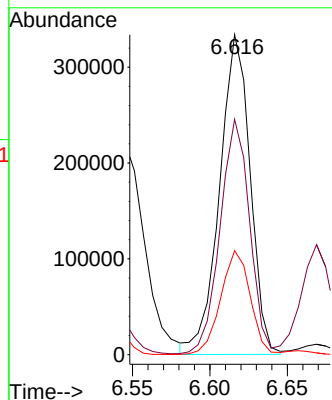
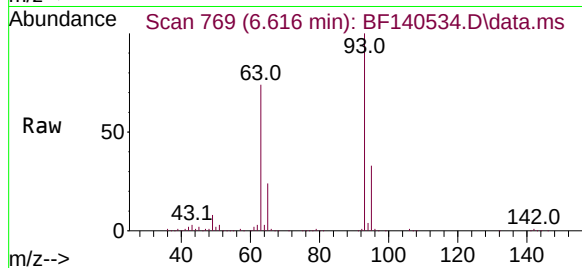
Tgt Ion: 93 Resp: 457231

Ion Ratio Lower Upper

93 100

63 73.6 52.8 92.8

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 57.647 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

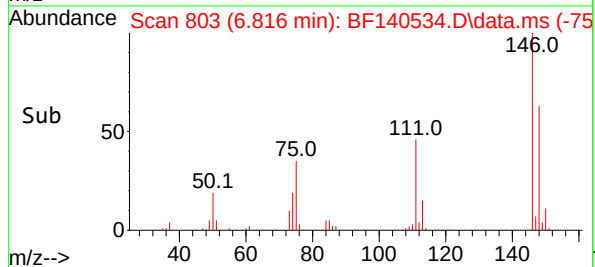
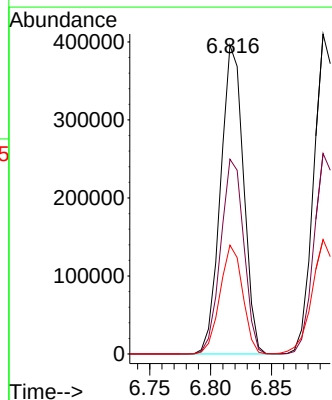
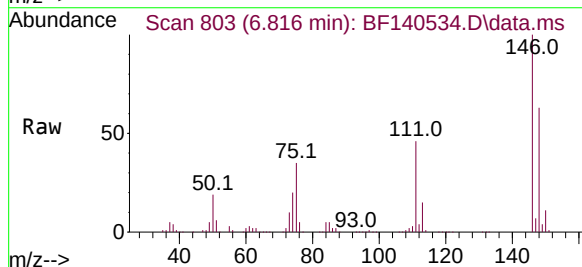
Tgt Ion:146 Resp: 518683

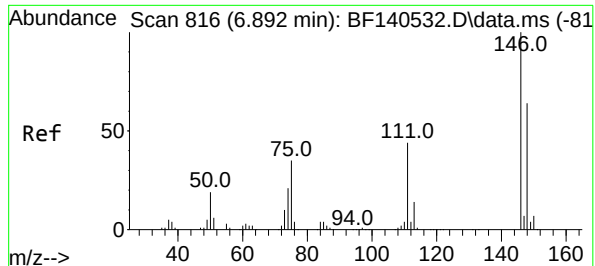
Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

75 35.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 57.394 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

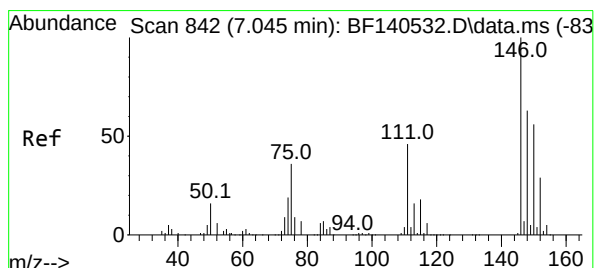
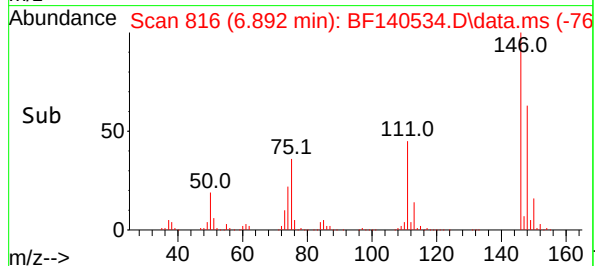
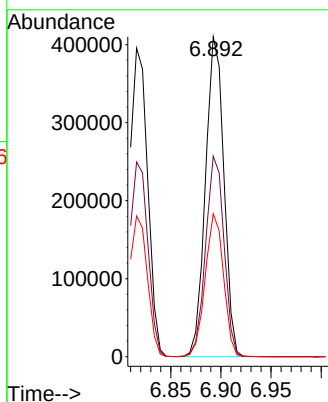
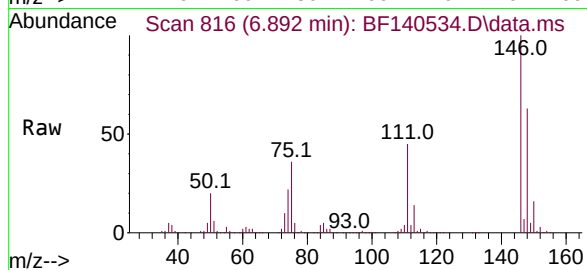
Tgt Ion:146 Resp: 522883

Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

111 44.6 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 56.509 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

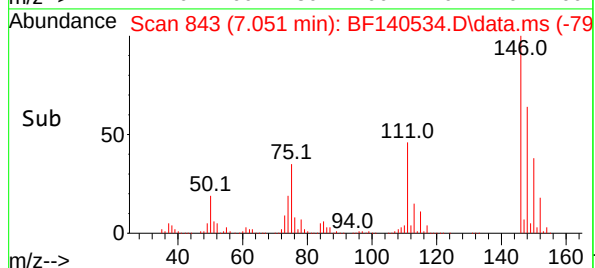
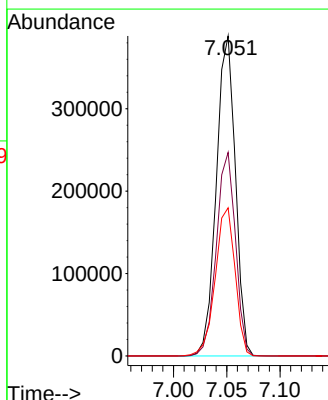
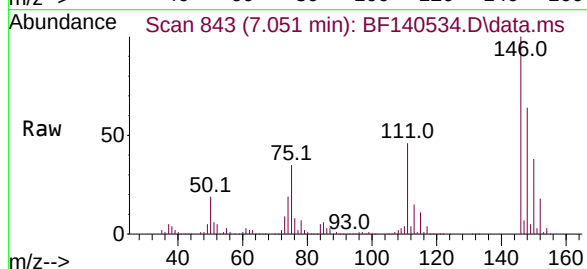
Tgt Ion:146 Resp: 482402

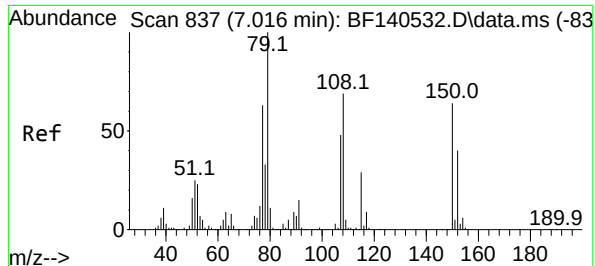
Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 46.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 56.931 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

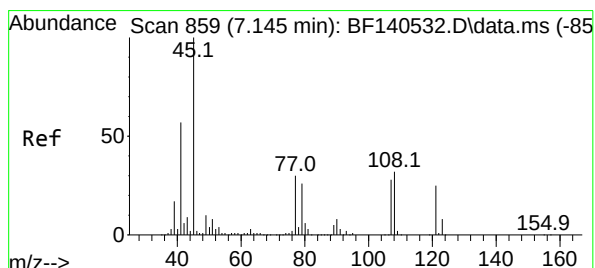
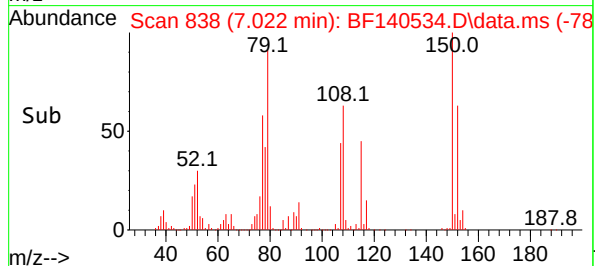
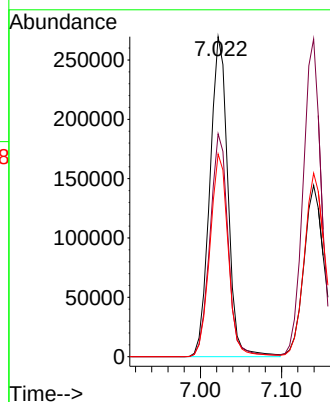
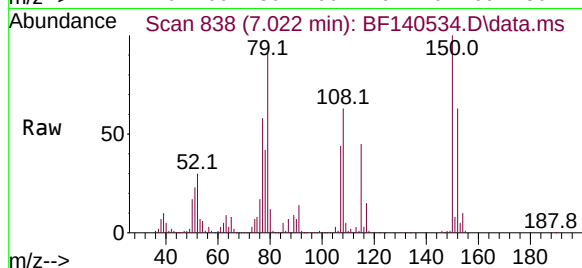
Tgt Ion: 79 Resp: 415427

Ion Ratio Lower Upper

79 100

108 69.7 55.0 82.6

77 63.3 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.758 ng

RT: 7.151 min Scan# 860

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

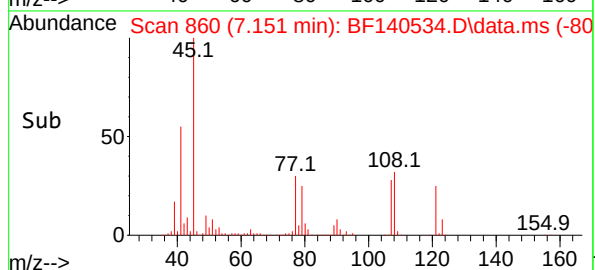
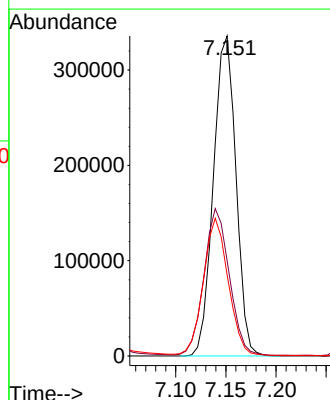
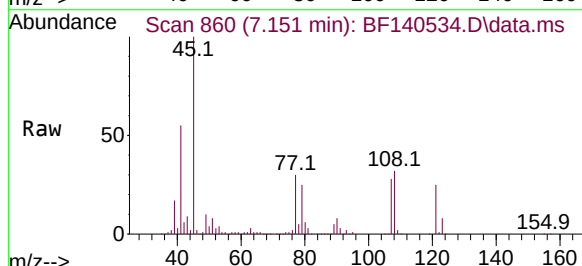
Tgt Ion: 45 Resp: 524697

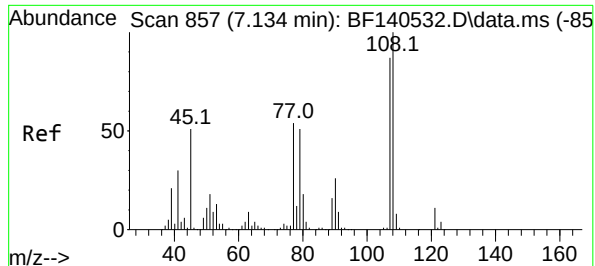
Ion Ratio Lower Upper

45 100

77 29.9 10.7 50.7

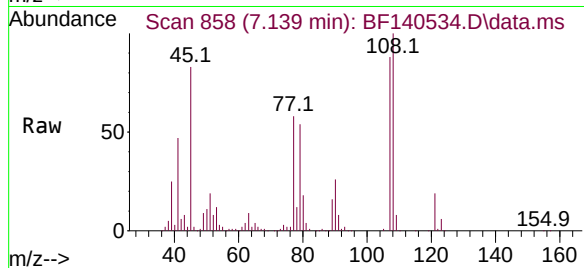
79 25.4 7.0 47.0



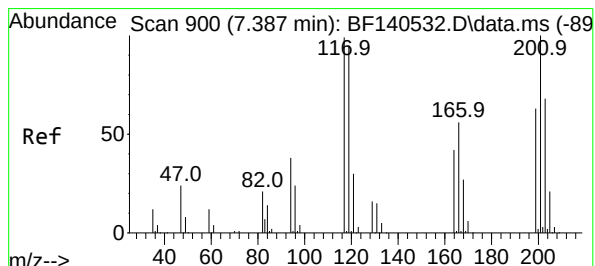
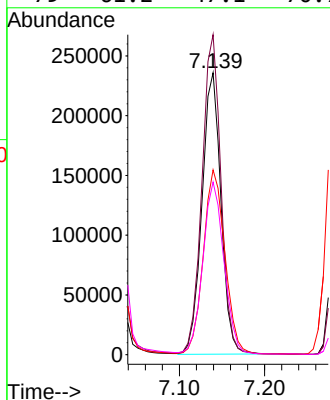
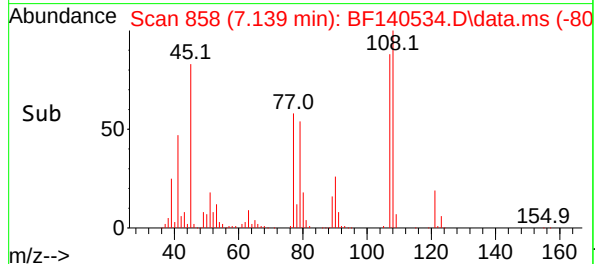


#17
2-Methylphenol
Concen: 57.006 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

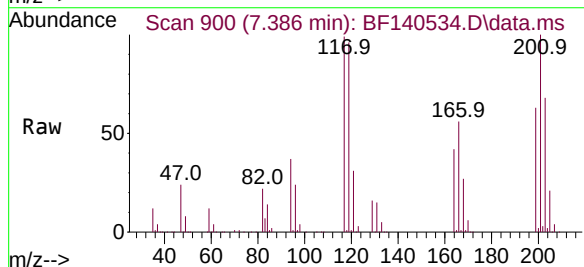
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



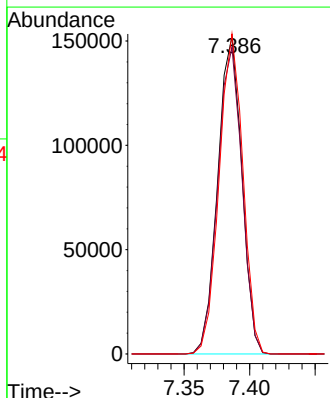
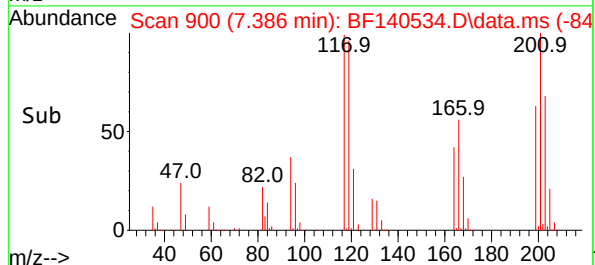
Tgt Ion:107 Resp: 365400
Ion Ratio Lower Upper
107 100
108 113.5 91.7 137.5
77 65.5 49.3 73.9
79 61.2 47.1 70.7

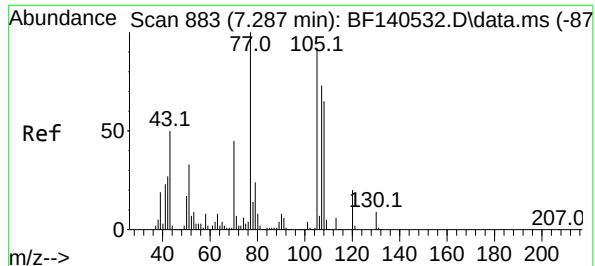


#18
Hexachloroethane
Concen: 57.114 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51



Tgt Ion:117 Resp: 194336
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7
201 100.8 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 56.169 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.012 min

Lab File: BF140534.D

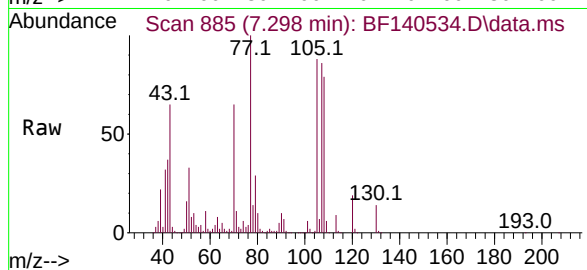
Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

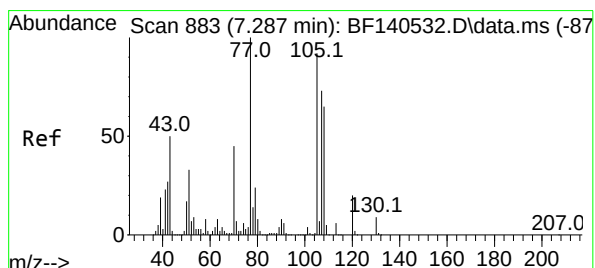
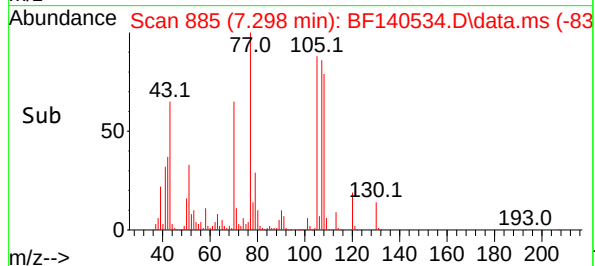
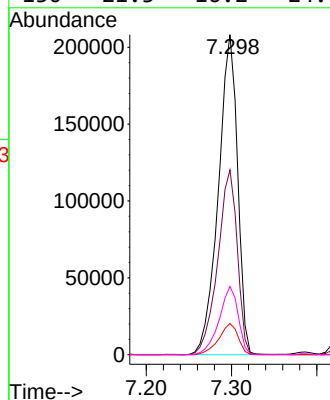
ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 326639

Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.6	71.4
101	9.8	7.6	11.4
130	21.3	16.2	24.4



#20

3+4-Methylphenols

Concen: 55.912 ng

RT: 7.292 min Scan# 884

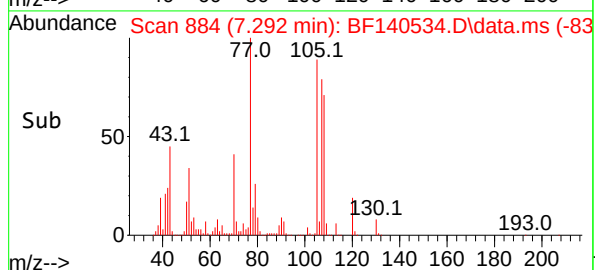
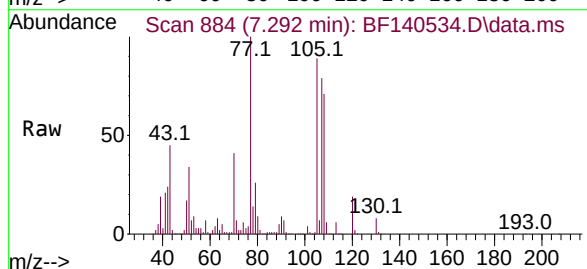
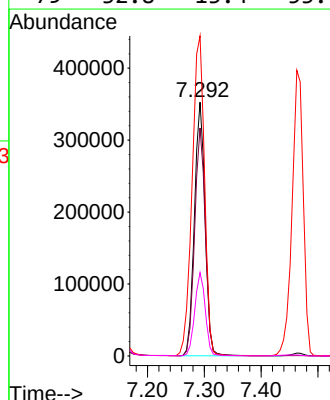
Delta R.T. 0.006 min

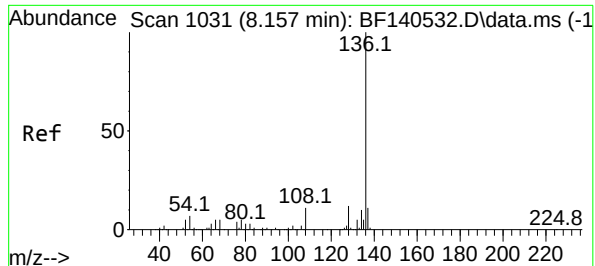
Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion: 107 Resp: 460654

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.9	109.9
77	126.1	117.7	157.7
79	32.8	13.4	53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 460987

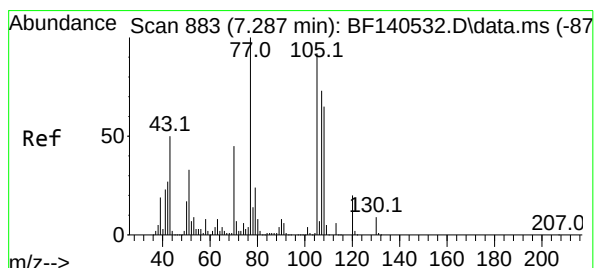
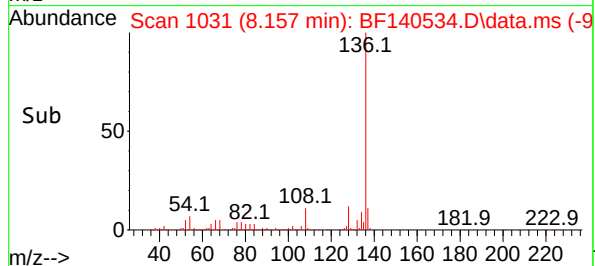
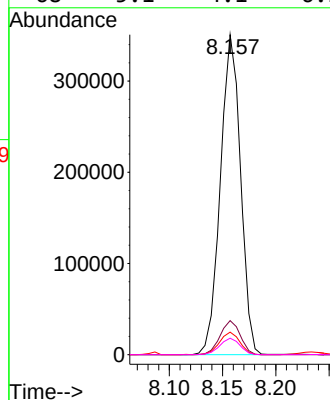
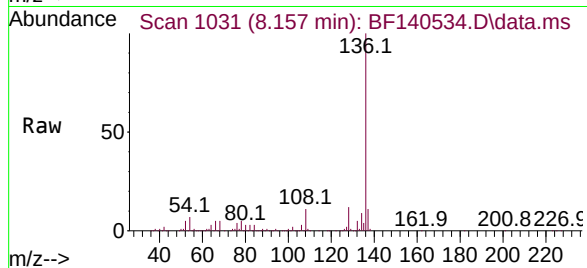
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.0 5.8 8.8

68 5.1 4.1 6.1



#22

Acetophenone

Concen: 56.641 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion:105 Resp: 636564

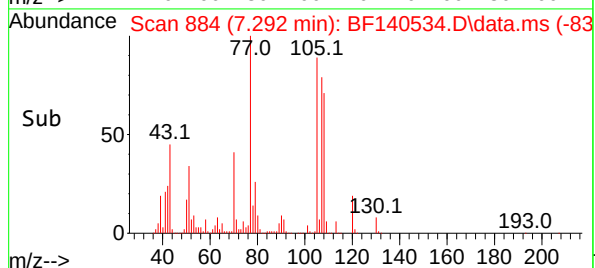
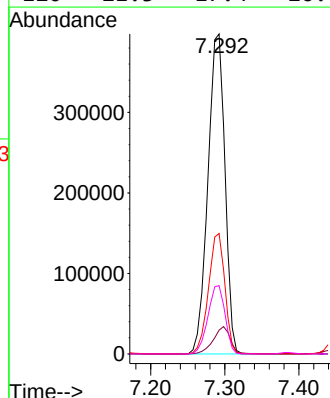
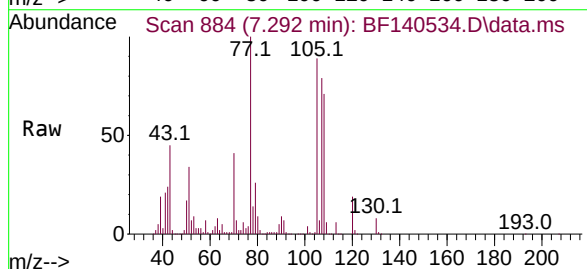
Ion Ratio Lower Upper

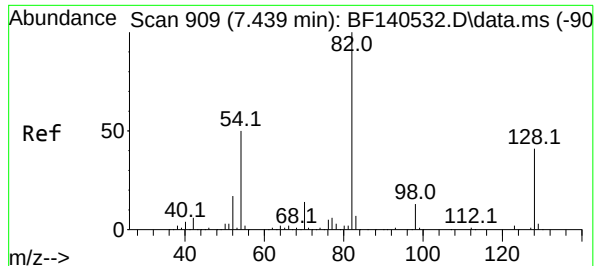
105 100

71 7.4 6.2 9.2

51 37.6 29.0 43.6

120 21.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 115.789 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

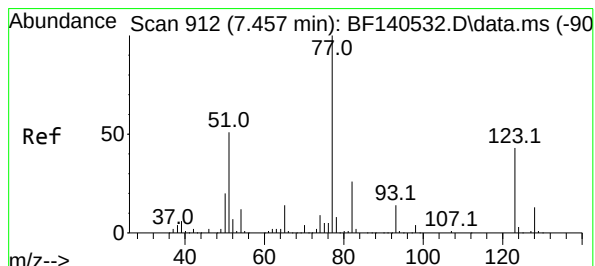
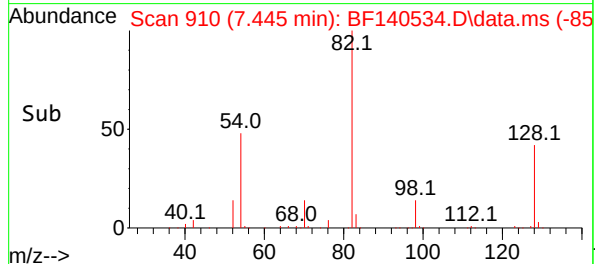
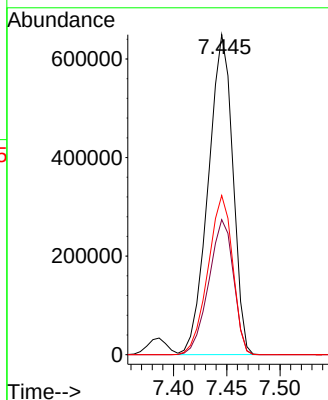
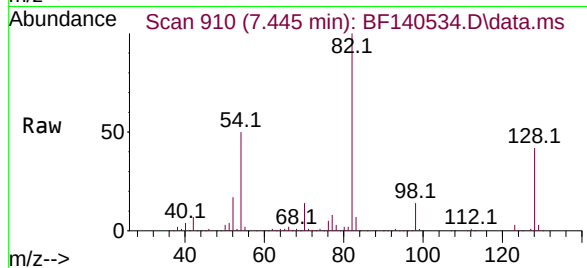
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1043537

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.0	49.4
54	49.7	39.5	59.3



#24

Nitrobenzene

Concen: 58.030 ng

RT: 7.463 min Scan# 913

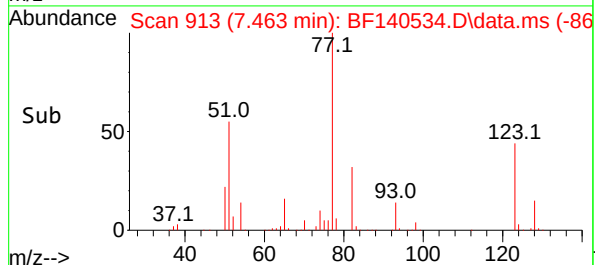
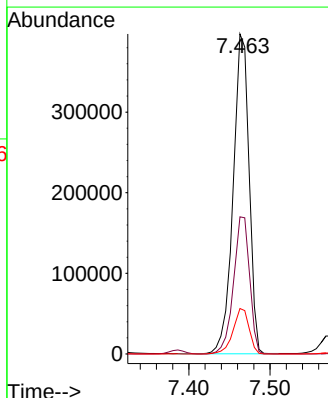
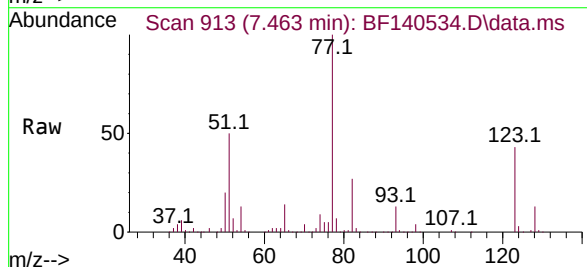
Delta R.T. 0.006 min

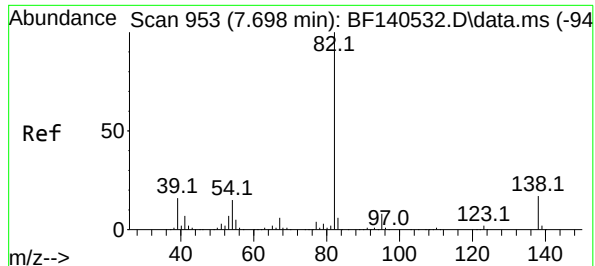
Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion: 77 Resp: 540526

Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.3	51.5
65	14.2	11.2	16.8

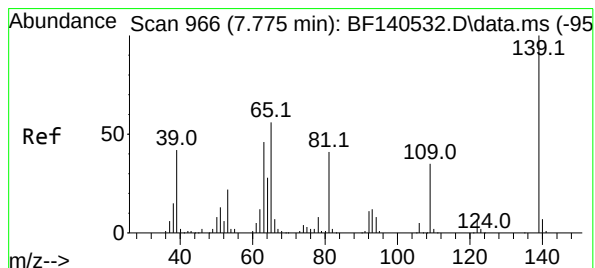
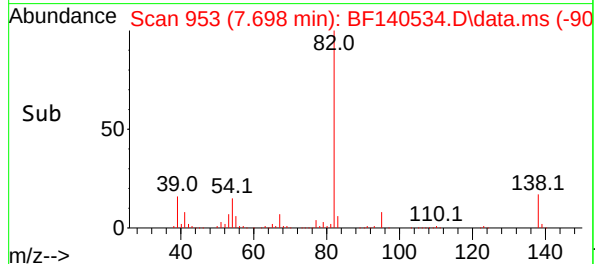
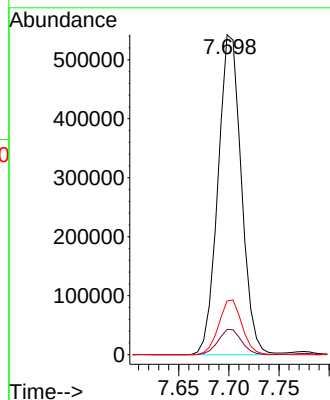
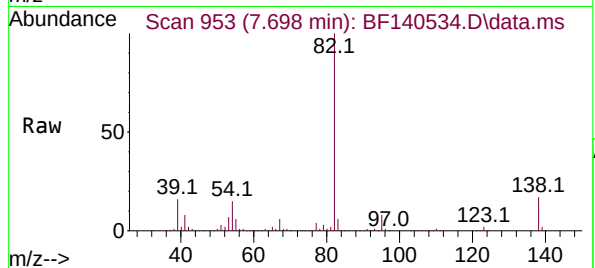




#25
Isophorone
Concen: 58.340 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

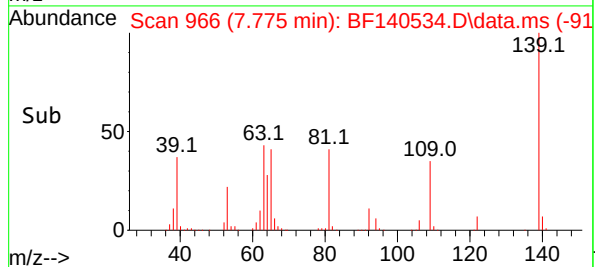
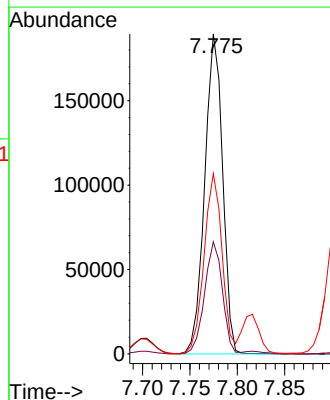
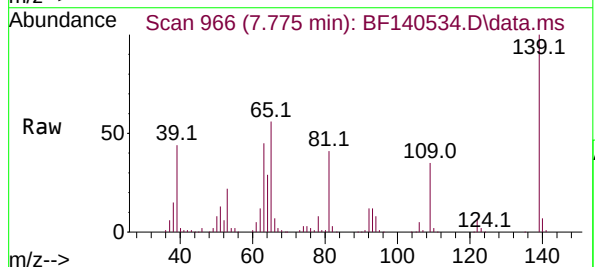
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

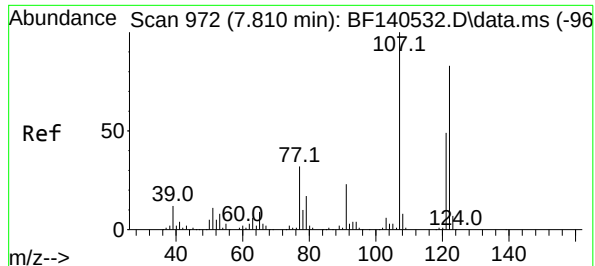
Tgt Ion: 82 Resp: 876972
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.8 13.8 20.6



#26
2-Nitrophenol
Concen: 60.355 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion: 139 Resp: 249133
Ion Ratio Lower Upper
139 100
109 35.0 28.0 42.0
65 56.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 57.873 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

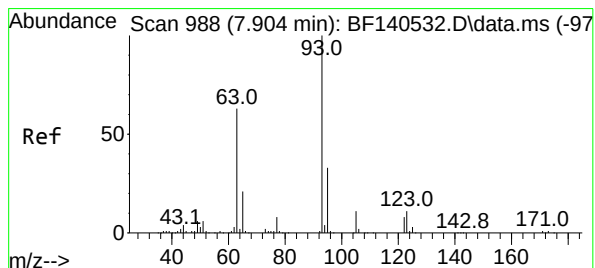
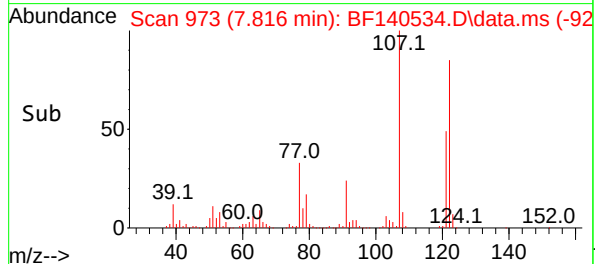
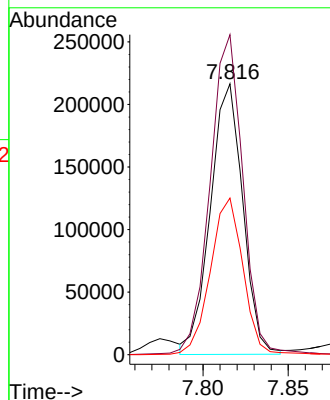
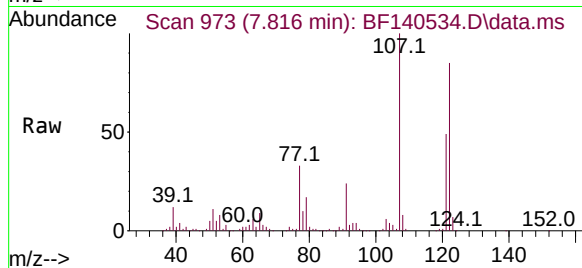
Tgt Ion:122 Resp: 285825

Ion Ratio Lower Upper

122 100

107 118.1 96.8 145.2

121 57.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 58.008 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

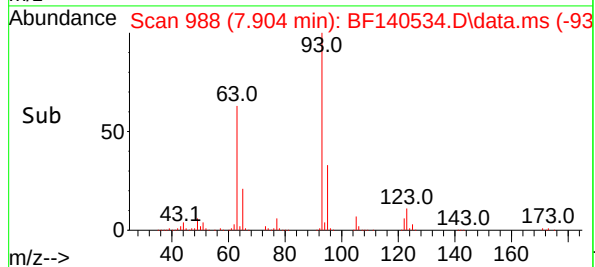
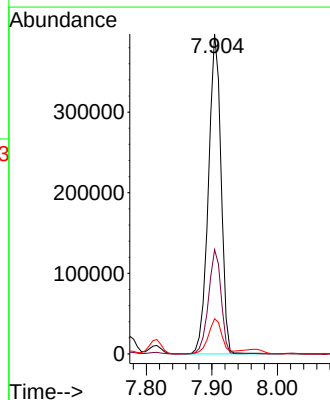
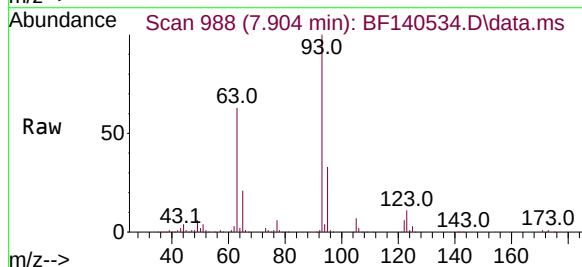
Tgt Ion: 93 Resp: 531210

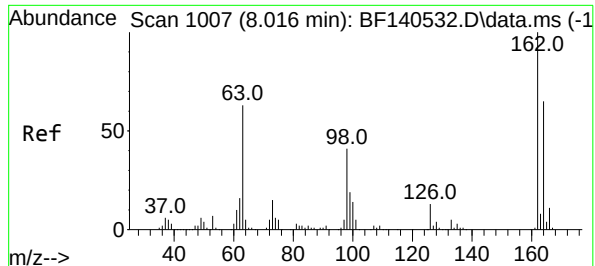
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.925 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

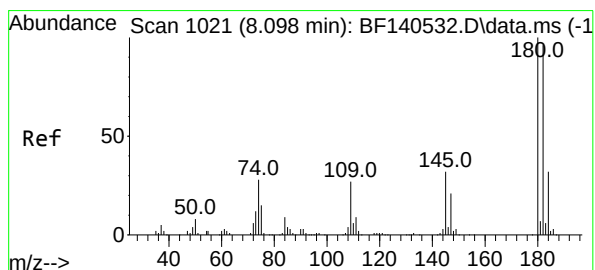
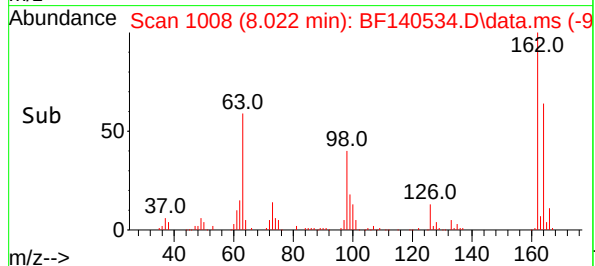
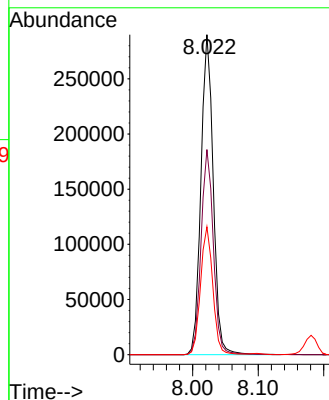
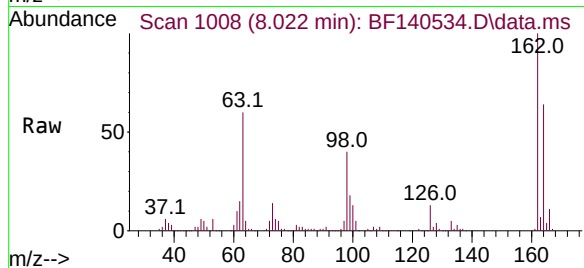
Tgt Ion:162 Resp: 379082

Ion Ratio Lower Upper

162 100

164 64.1 44.8 84.8

98 39.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 57.787 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

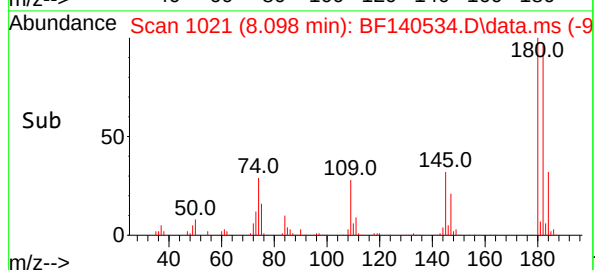
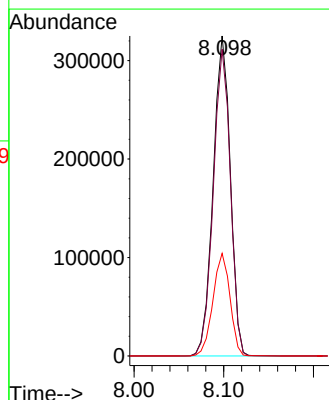
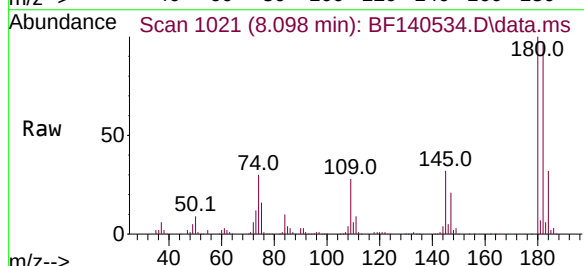
Tgt Ion:180 Resp: 431792

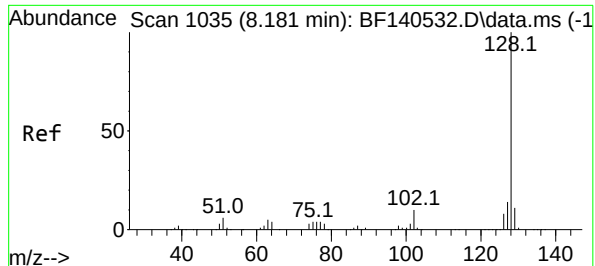
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 32.1 25.9 38.9





#31

Naphthalene

Concen: 57.265 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

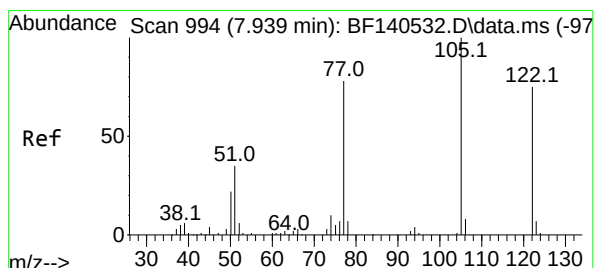
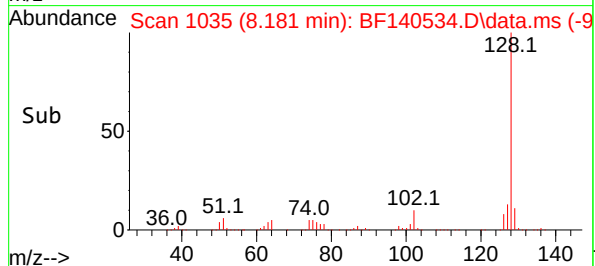
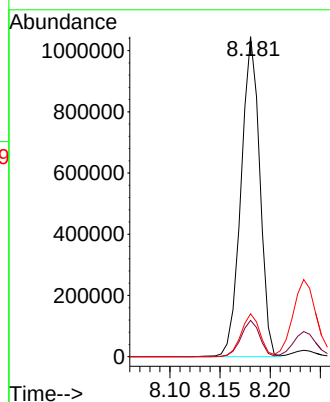
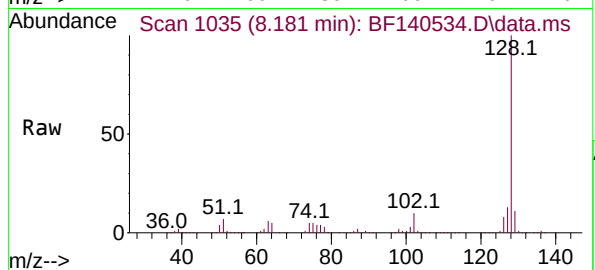
Tgt Ion:128 Resp: 1359743

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 59.698 ng

RT: 7.969 min Scan# 999

Delta R.T. 0.030 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

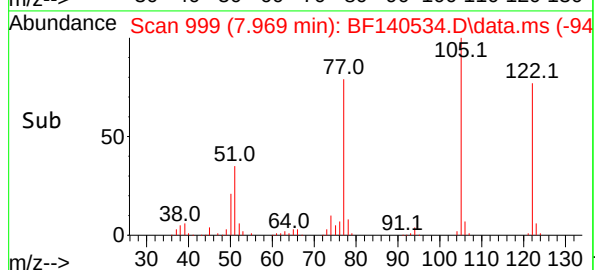
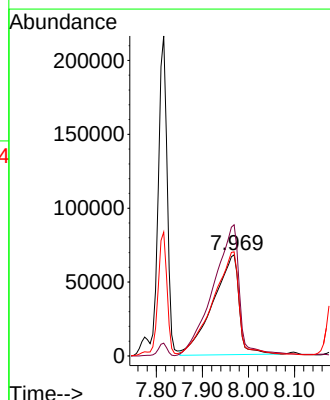
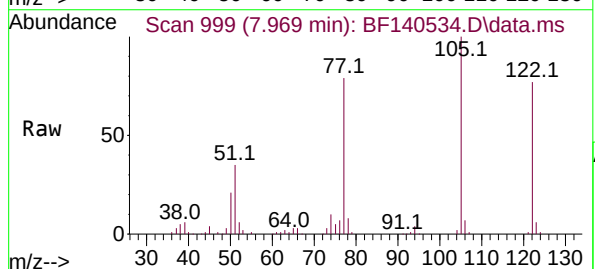
Tgt Ion:122 Resp: 265434

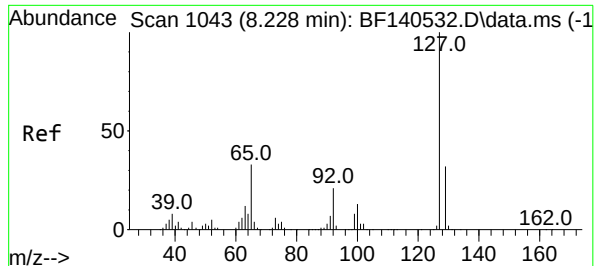
Ion Ratio Lower Upper

122 100

105 129.8 109.3 149.3

77 103.0 82.3 122.3





#33

4-Chloroaniline

Concen: 59.831 ng

RT: 8.233 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 425356

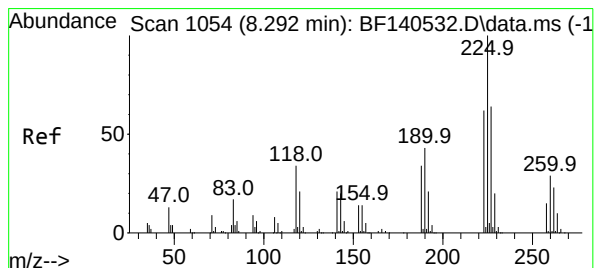
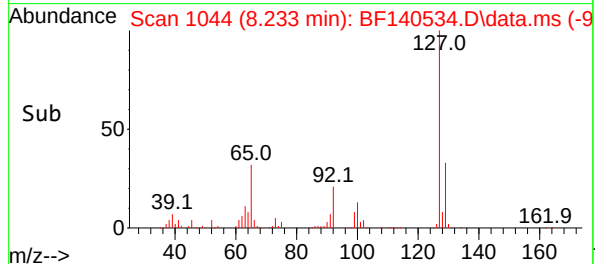
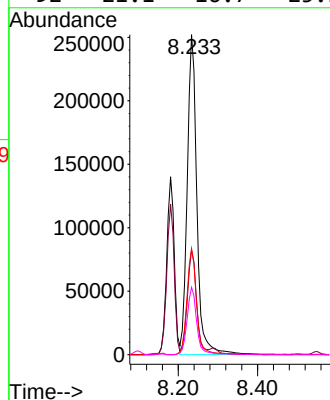
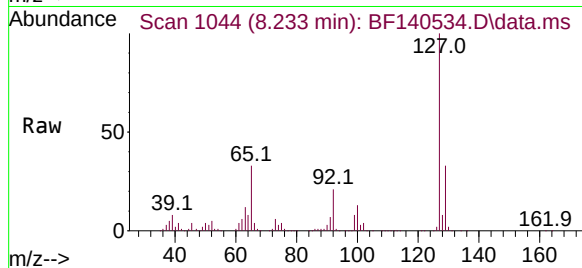
Ion Ratio Lower Upper

127 100

129 32.7 26.0 39.0

65 33.2 26.0 39.0

92 21.1 16.7 25.1



#34

Hexachlorobutadiene

Concen: 57.911 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

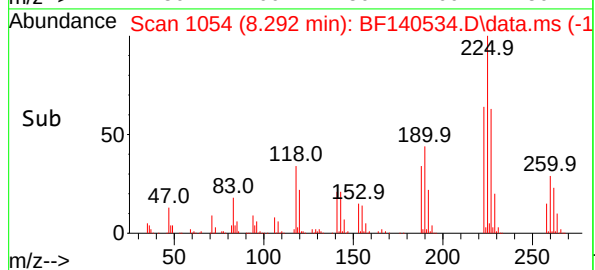
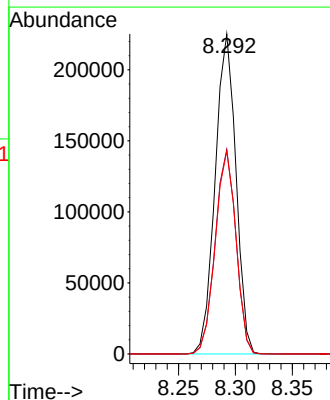
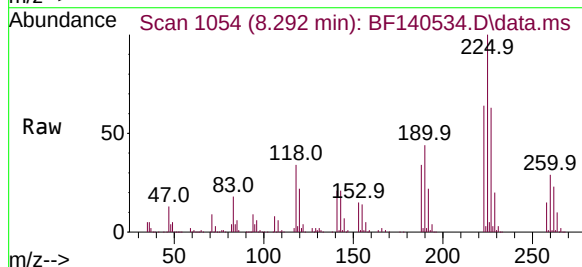
Tgt Ion:225 Resp: 286614

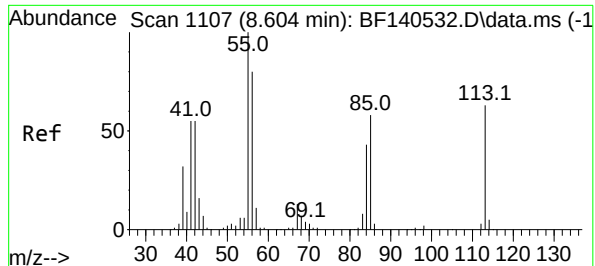
Ion Ratio Lower Upper

225 100

223 63.9 49.8 74.8

227 63.4 51.3 76.9

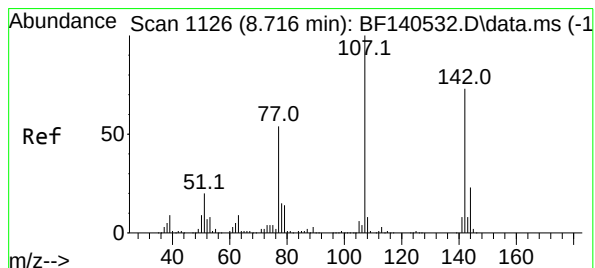
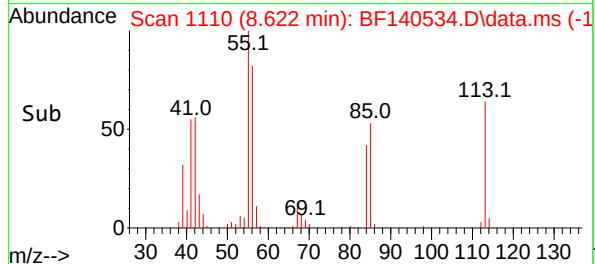
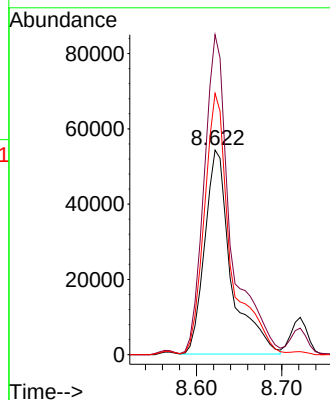
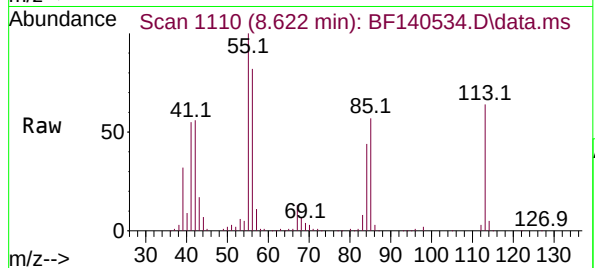




#35
Caprolactam
Concen: 57.943 ng
RT: 8.622 min Scan# 1110
Delta R.T. 0.018 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

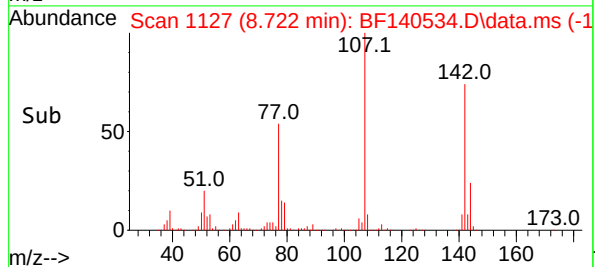
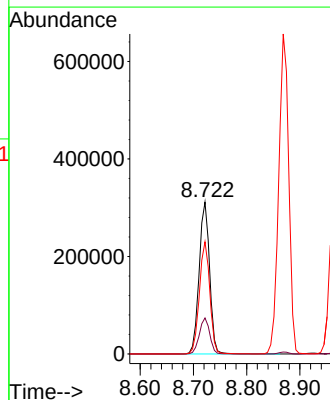
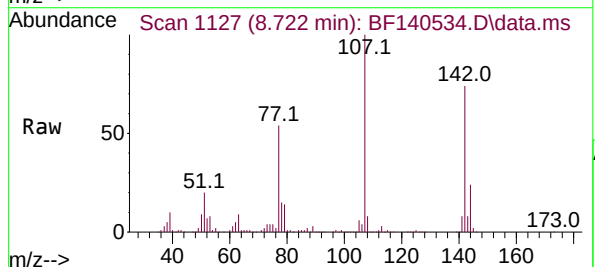
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

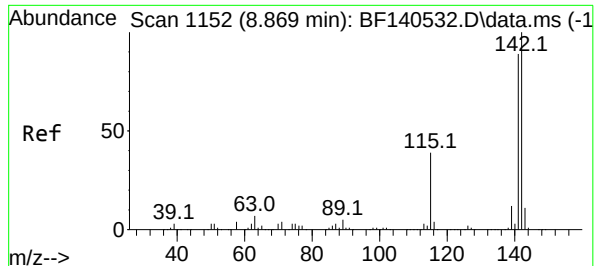
Tgt Ion:113 Resp: 117351
Ion Ratio Lower Upper
113 100
55 156.4 137.7 177.7
56 127.7 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 57.938 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:107 Resp: 424528
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 56.857 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

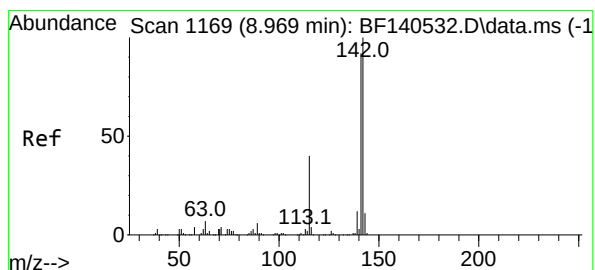
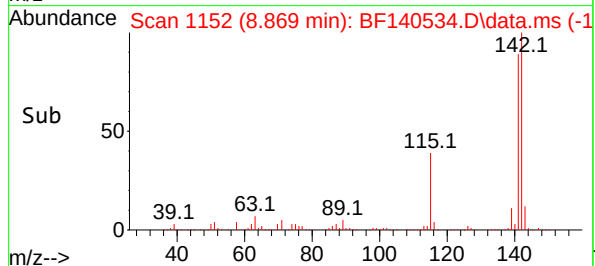
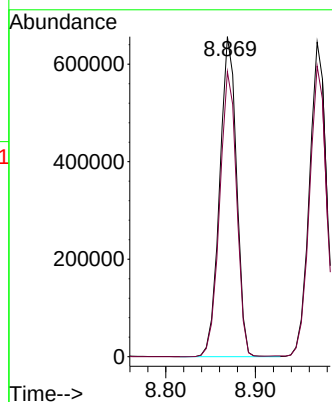
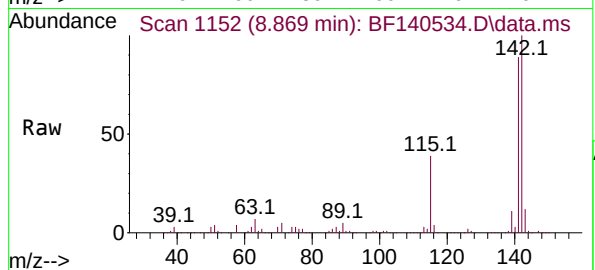
SSTDICC060

Tgt Ion:142 Resp: 857509

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 56.925 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140534.D

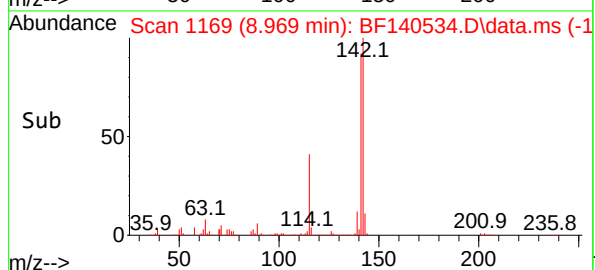
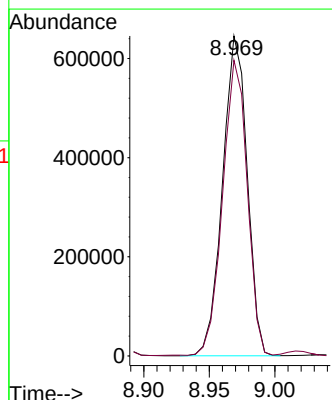
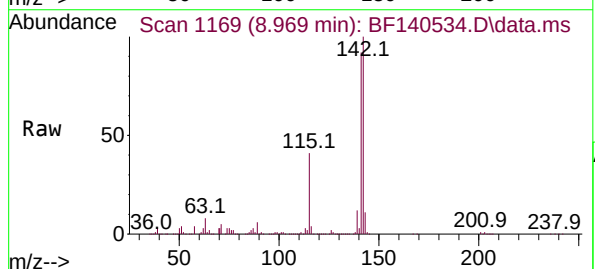
Acq: 21 Nov 2024 13:51

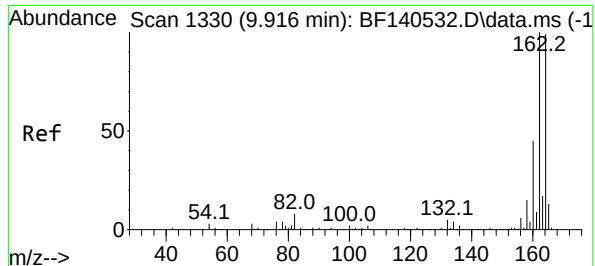
Tgt Ion:142 Resp: 841528

Ion Ratio Lower Upper

142 100

141 92.4 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

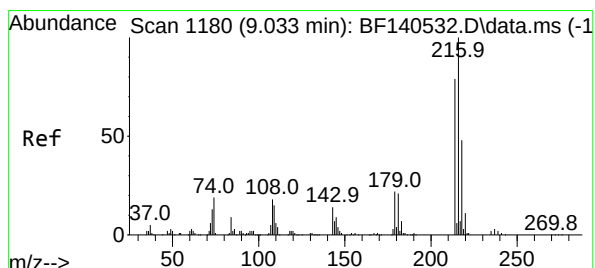
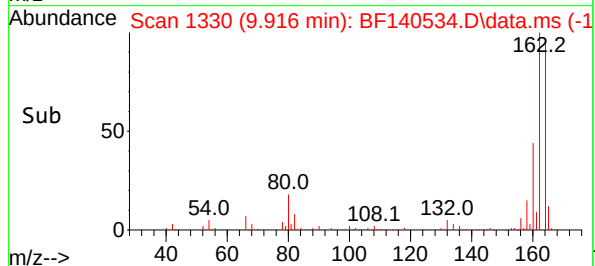
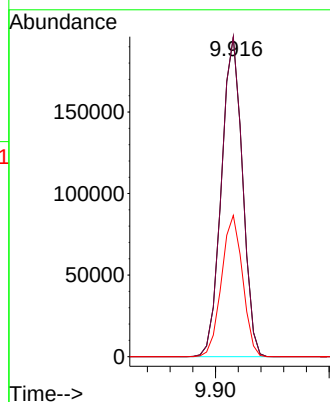
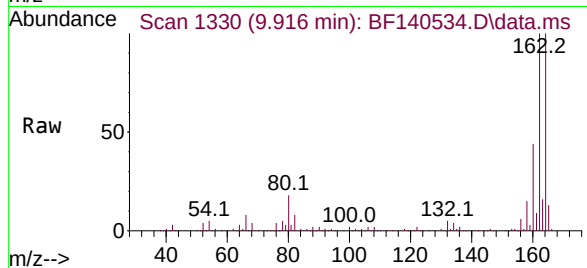
Tgt Ion:164 Resp: 252108

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.878 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion:216 Resp: 427164

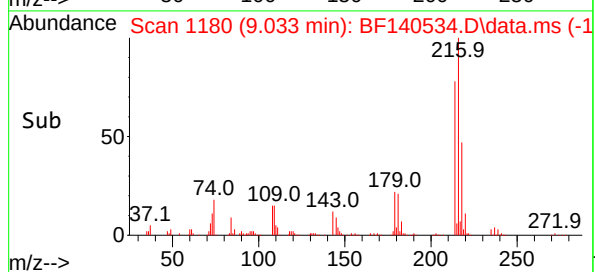
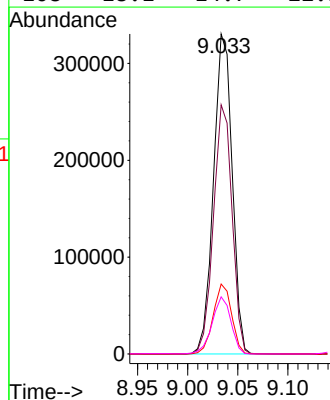
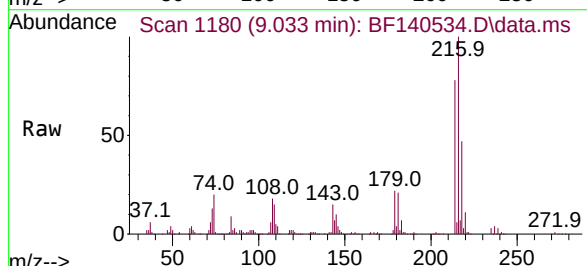
Ion Ratio Lower Upper

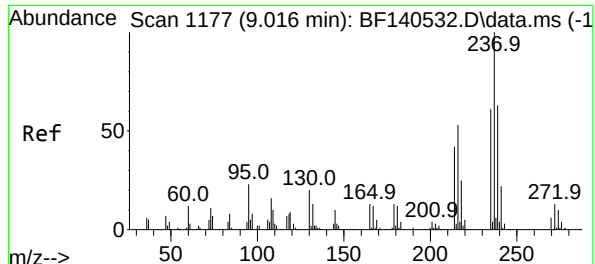
216 100

214 77.6 63.0 94.4

179 21.5 17.5 26.3

108 18.1 14.7 22.1

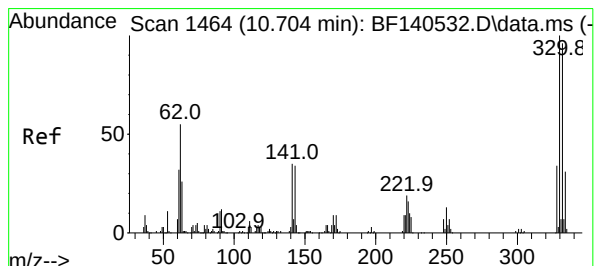
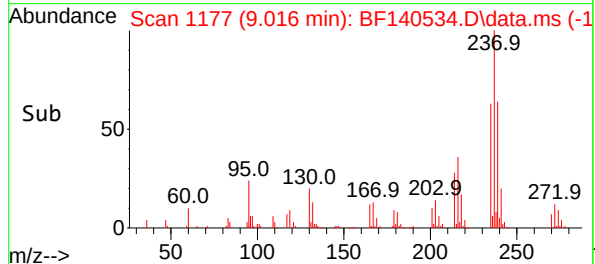
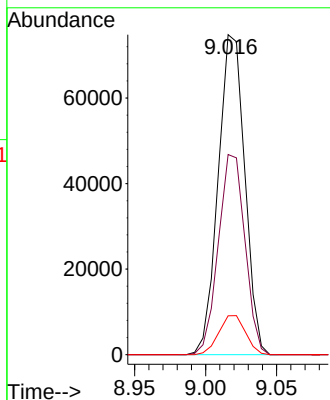
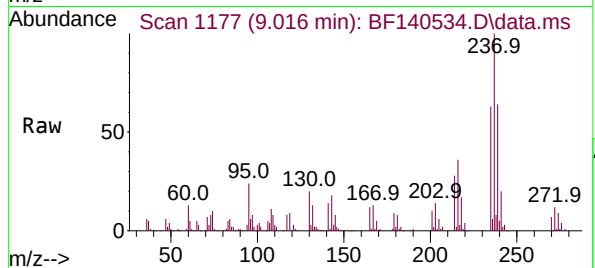




#41
Hexachlorocyclopentadiene
Concen: 60.727 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

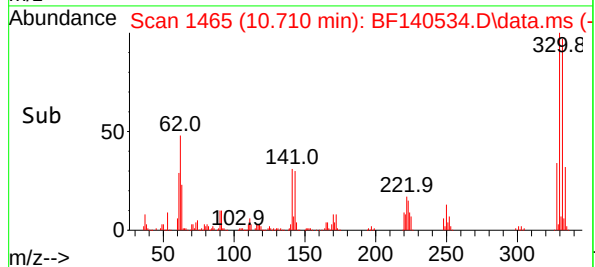
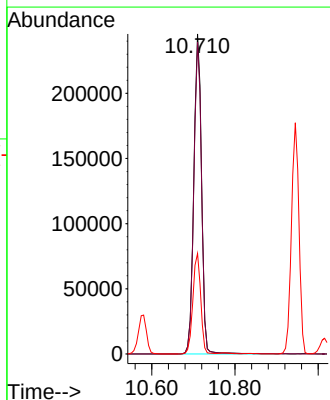
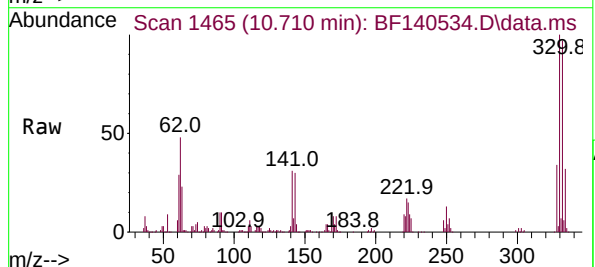
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

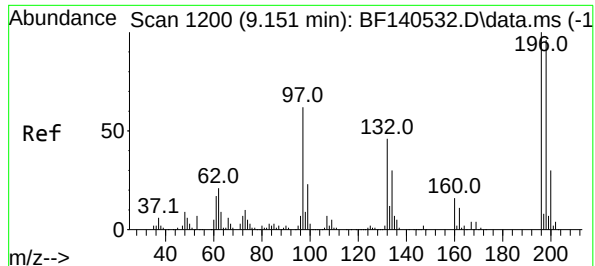
Tgt Ion:237 Resp: 97536
Ion Ratio Lower Upper
237 100
235 62.5 41.1 81.1
272 12.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 117.756 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:330 Resp: 317506
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 31.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 58.819 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

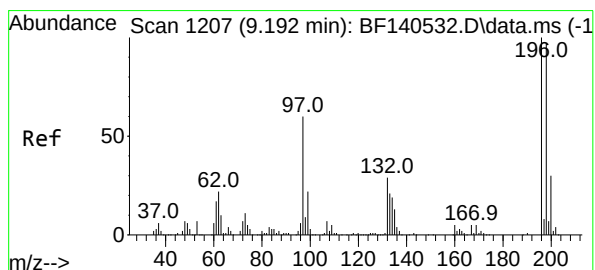
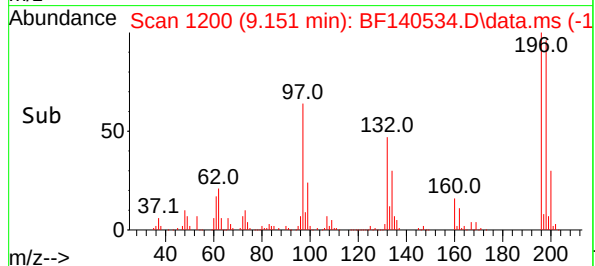
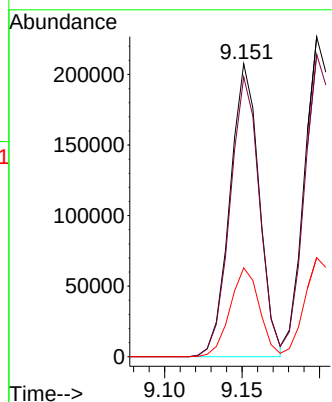
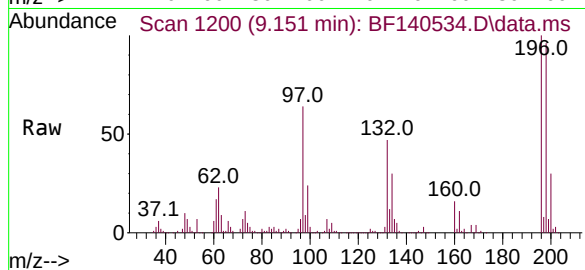
Tgt Ion:196 Resp: 272399

Ion Ratio Lower Upper

196 100

198 95.6 76.8 115.2

200 30.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 59.694 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Tgt Ion:196 Resp: 300029

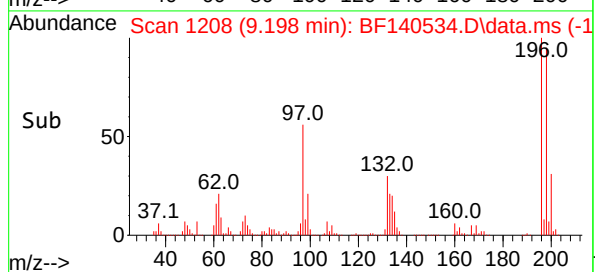
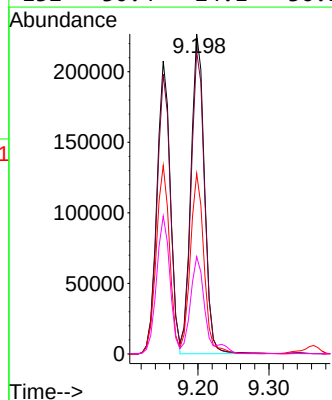
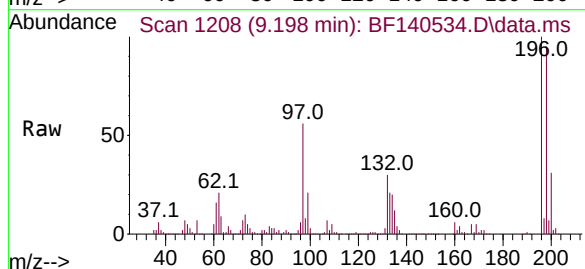
Ion Ratio Lower Upper

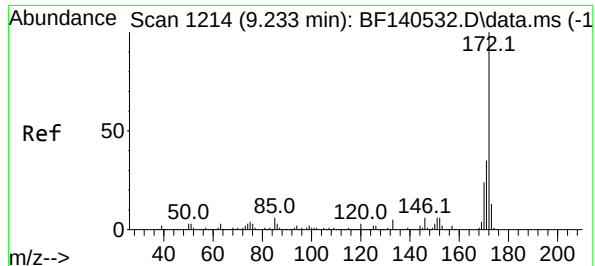
196 100

198 94.5 77.2 115.8

97 56.4 47.1 70.7

132 30.4 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 110.815 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

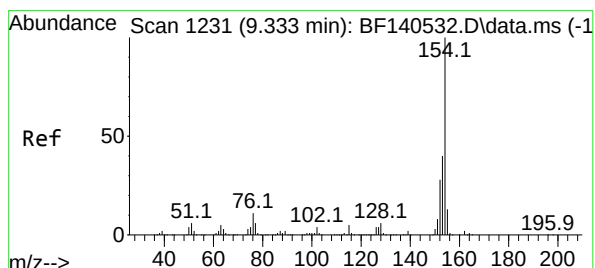
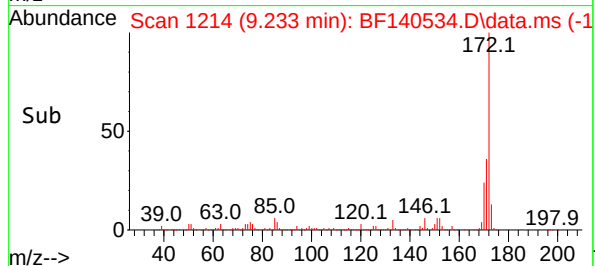
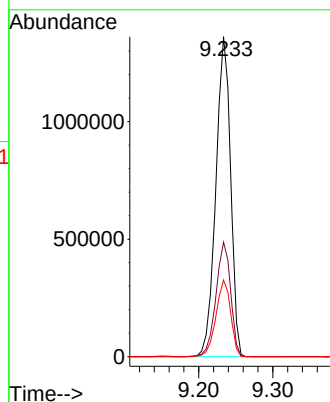
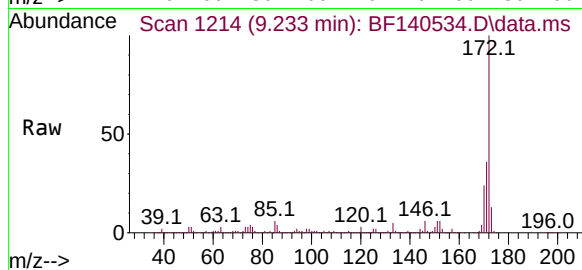
Tgt Ion:172 Resp: 1875064

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 56.978 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

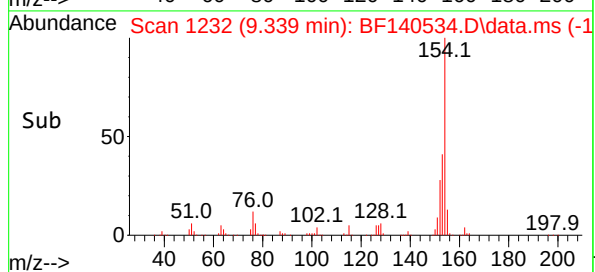
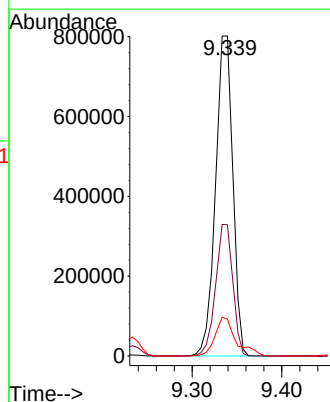
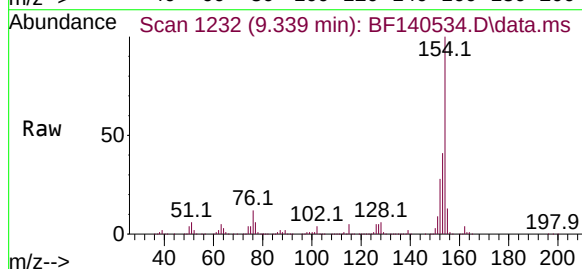
Tgt Ion:154 Resp: 1072474

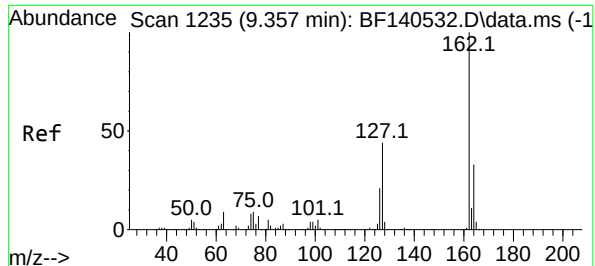
Ion Ratio Lower Upper

154 100

153 41.0 20.4 60.4

76 11.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 57.492 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

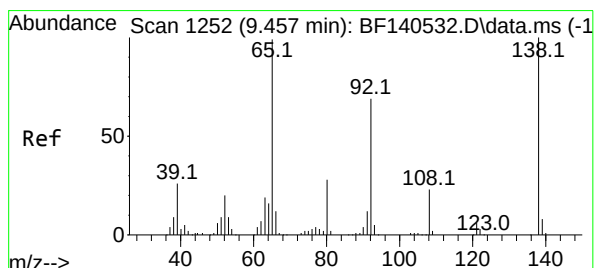
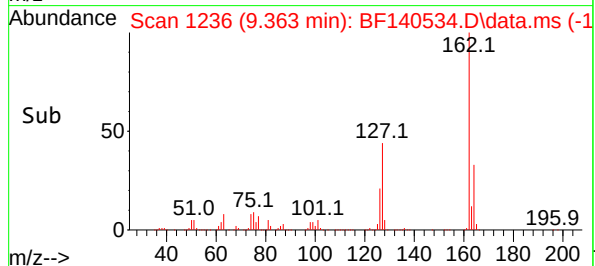
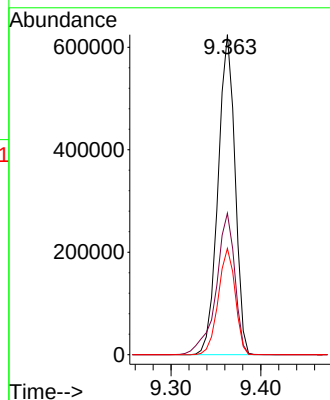
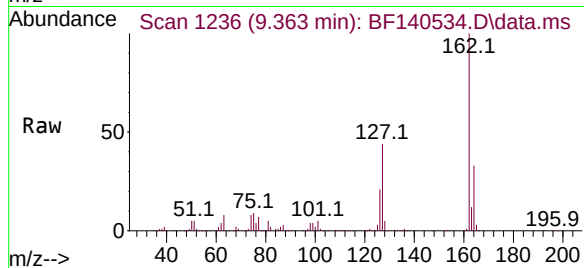
Tgt Ion:162 Resp: 819966

Ion Ratio Lower Upper

162 100

127 44.2 35.7 53.5

164 33.2 26.1 39.1



#48

2-Nitroaniline

Concen: 58.938 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

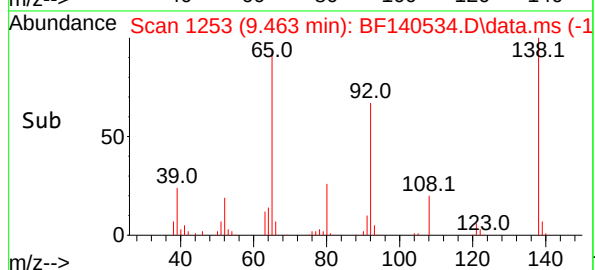
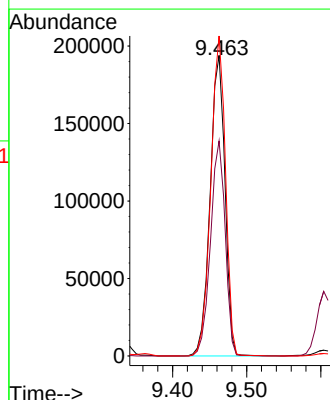
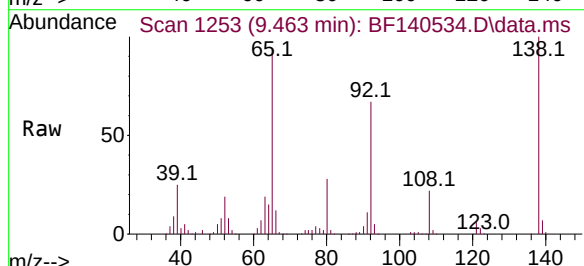
Tgt Ion: 65 Resp: 269813

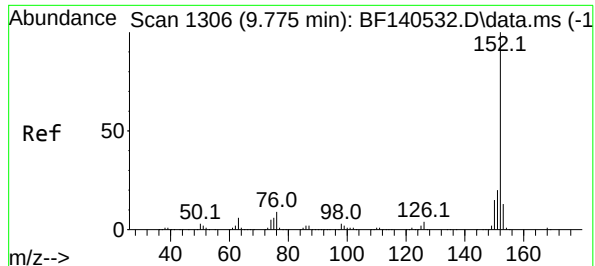
Ion Ratio Lower Upper

65 100

92 71.5 56.1 84.1

138 106.4 81.0 121.6





#49

Acenaphthylene

Concen: 56.965 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

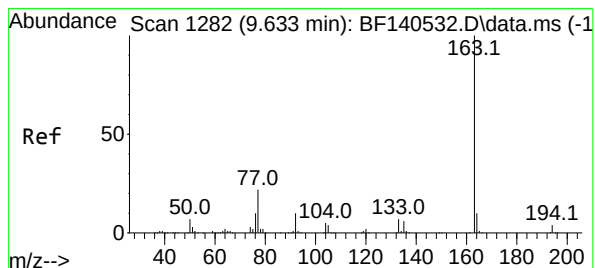
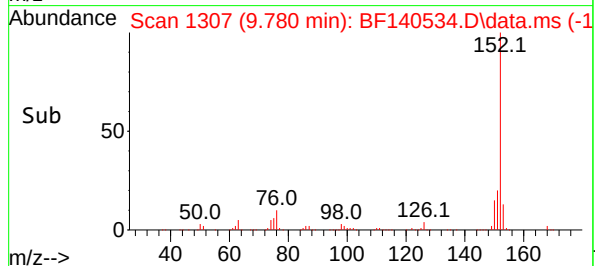
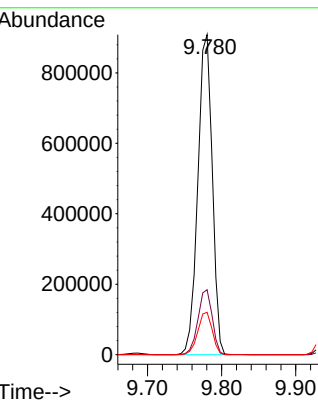
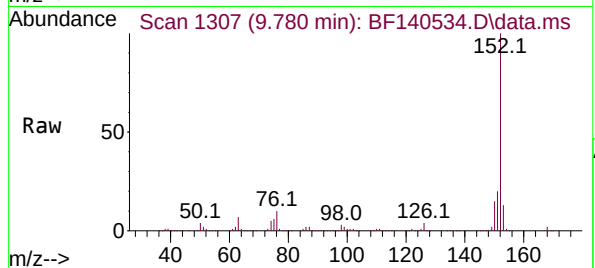
Tgt Ion:152 Resp: 1227568

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 57.854 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

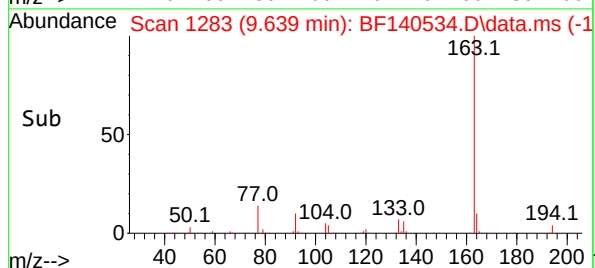
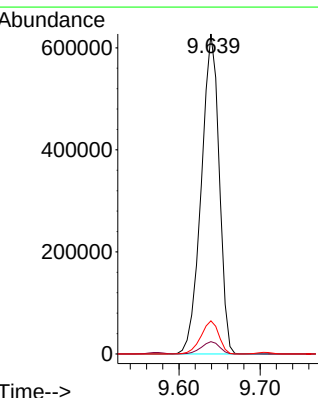
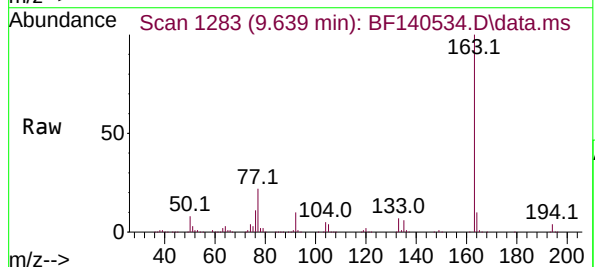
Tgt Ion:163 Resp: 960589

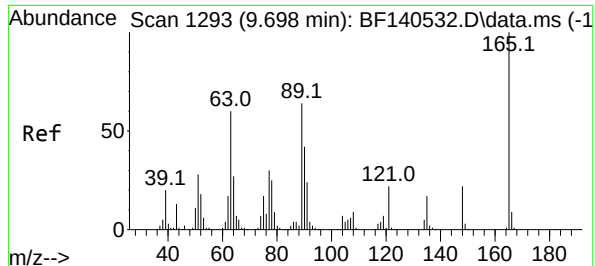
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 58.802 ng

RT: 9.704 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

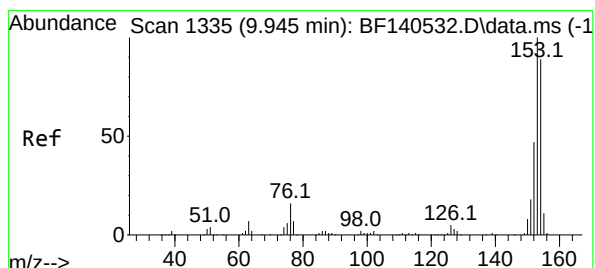
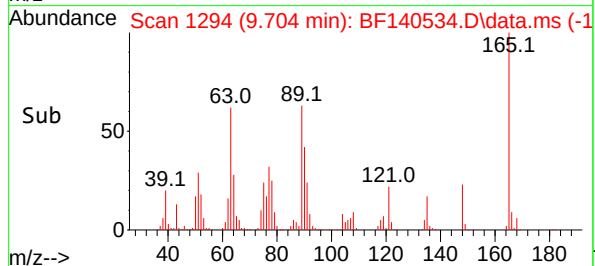
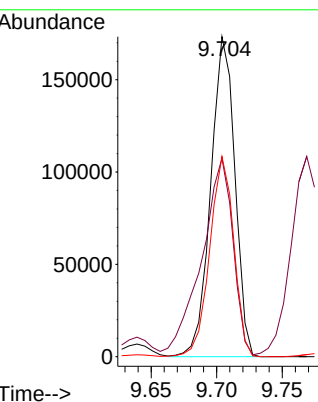
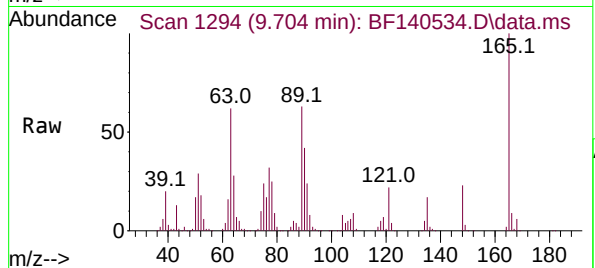
Tgt Ion:165 Resp: 221428

Ion Ratio Lower Upper

165 100

63 62.0 49.9 74.9

89 62.5 50.9 76.3



#52

Acenaphthene

Concen: 56.194 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

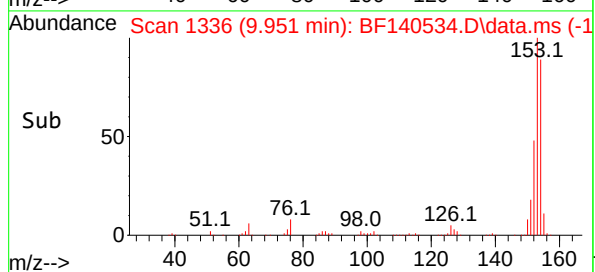
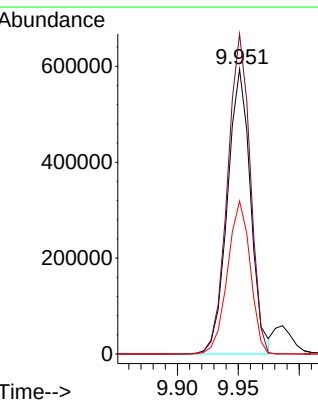
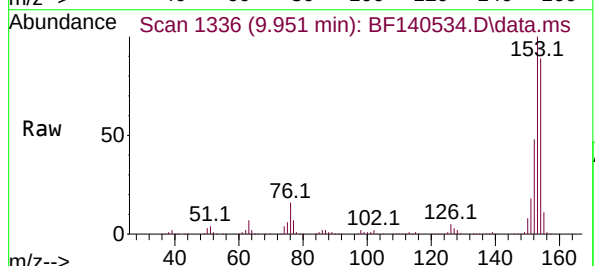
Tgt Ion:154 Resp: 784102

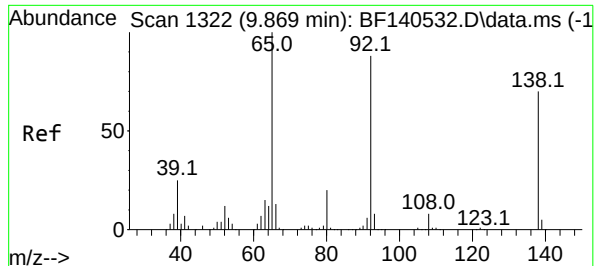
Ion Ratio Lower Upper

154 100

153 112.4 89.7 134.5

152 53.7 42.5 63.7

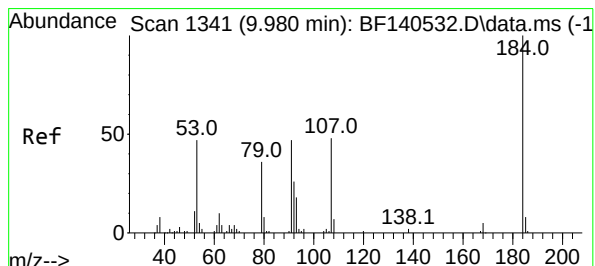
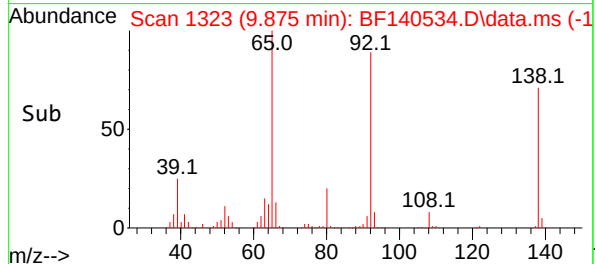
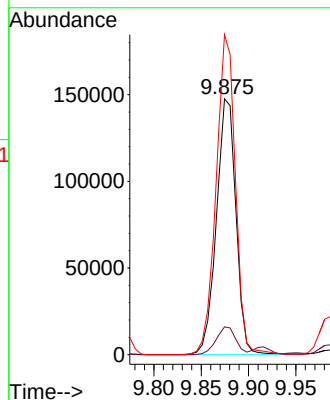
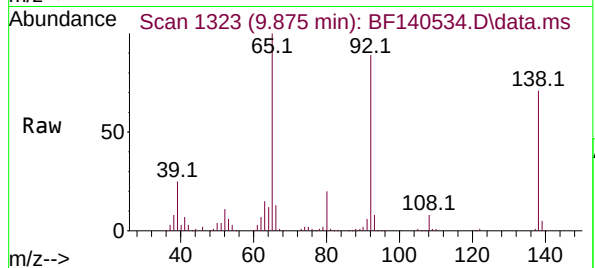




#53
3-Nitroaniline
Concen: 57.607 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

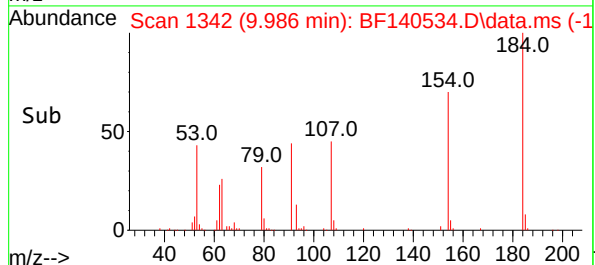
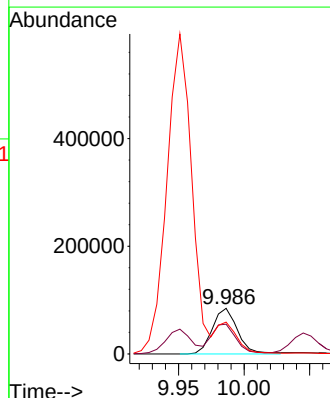
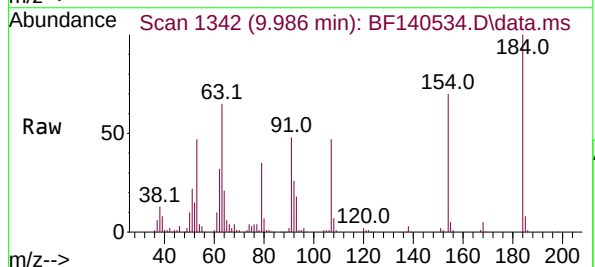
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

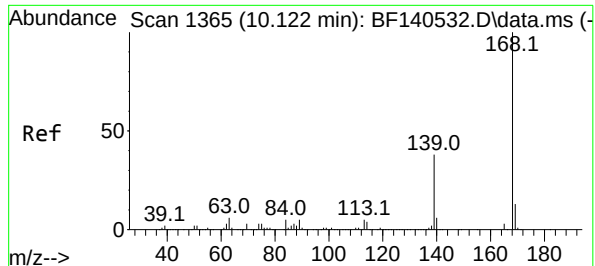
Tgt Ion:138 Resp: 212165
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 125.1 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 60.328 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:184 Resp: 113495
Ion Ratio Lower Upper
184 100
63 65.3 54.1 81.1
154 69.8 57.4 86.0





#55

Dibenzenofuran

Concen: 55.459 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

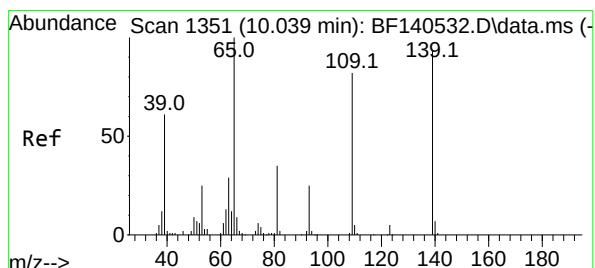
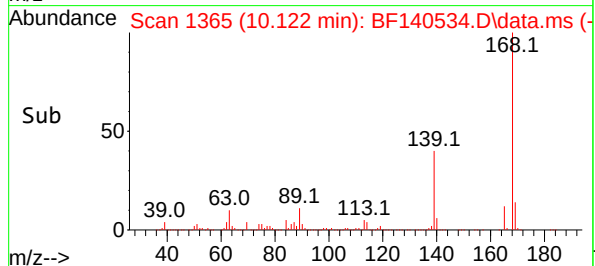
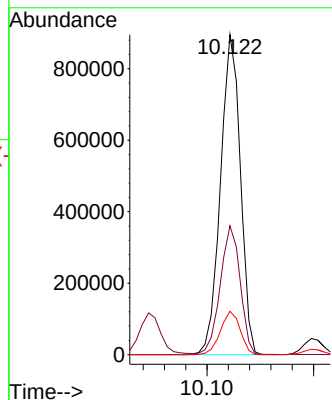
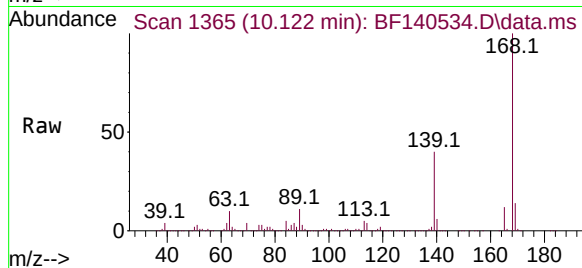
Tgt Ion:168 Resp: 1158263

Ion Ratio Lower Upper

168 100

139 40.3 31.3 46.9

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 64.410 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

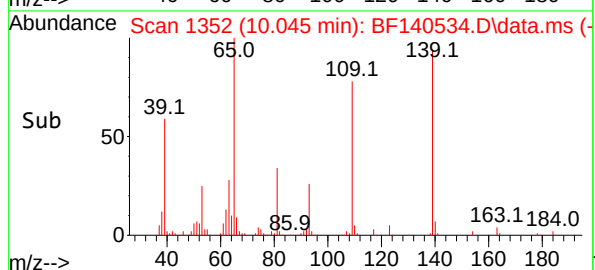
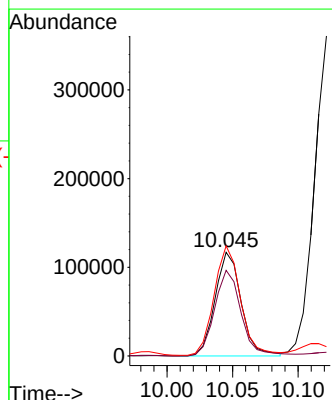
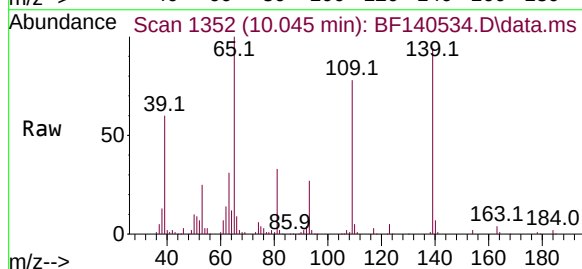
Tgt Ion:139 Resp: 161782

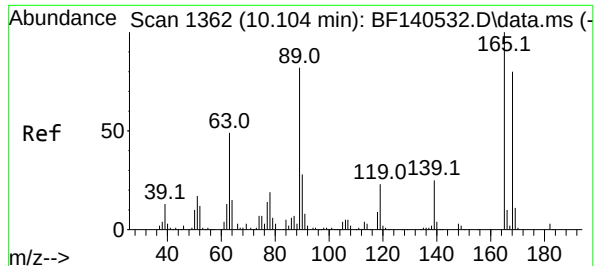
Ion Ratio Lower Upper

139 100

109 82.6 68.4 108.4

65 106.2 88.6 128.6

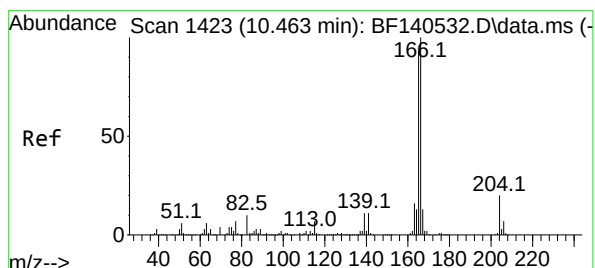
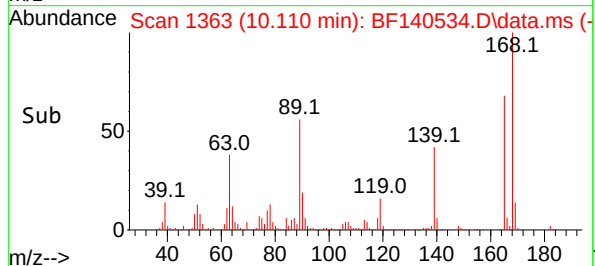
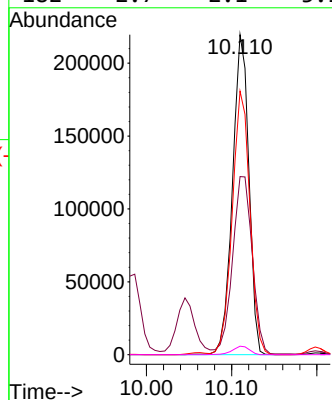
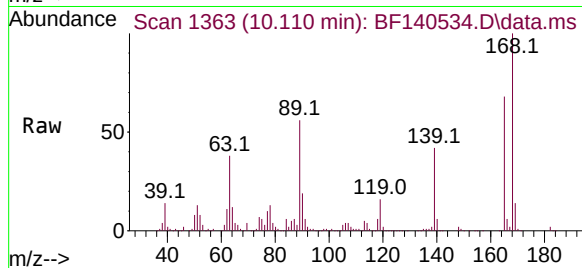




#57
2,4-Dinitrotoluene
Concen: 58.735 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

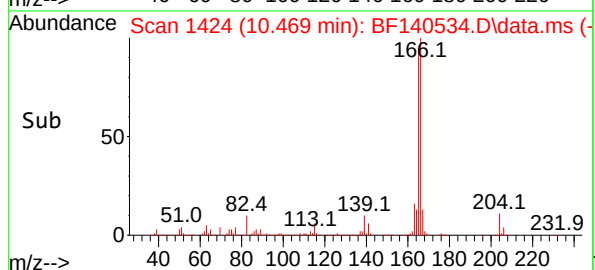
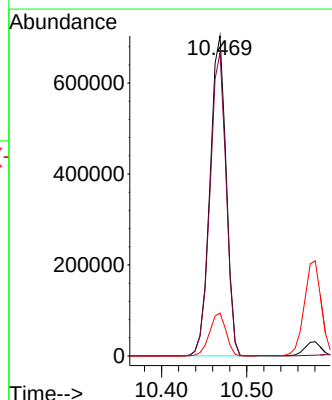
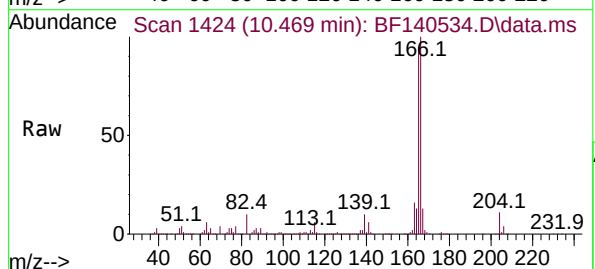
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

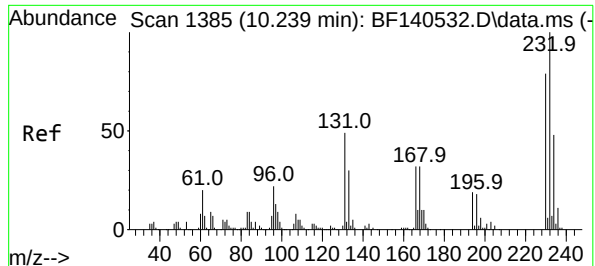
Tgt Ion:165 Resp: 293950
Ion Ratio Lower Upper
165 100
63 55.7 41.7 62.5
89 82.4 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 55.218 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:166 Resp: 925678
Ion Ratio Lower Upper
166 100
165 94.7 74.6 111.8
167 13.4 10.6 16.0

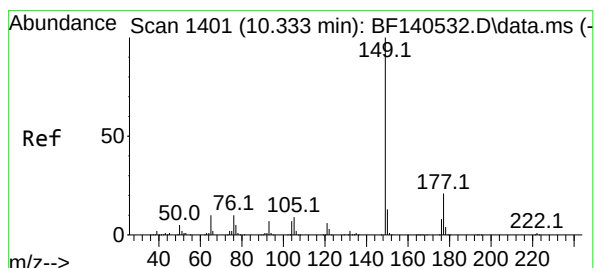
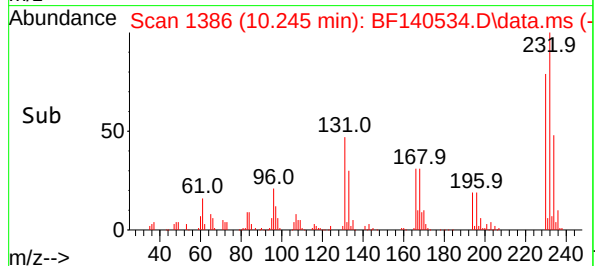
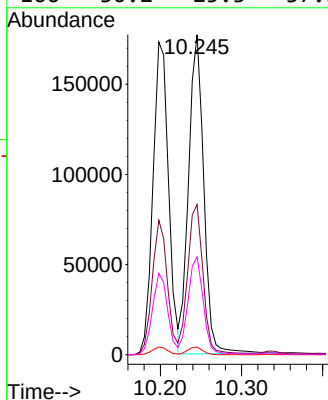
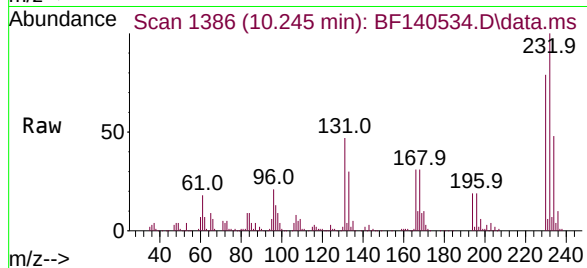




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.746 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

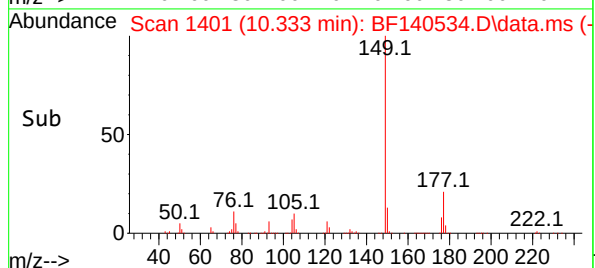
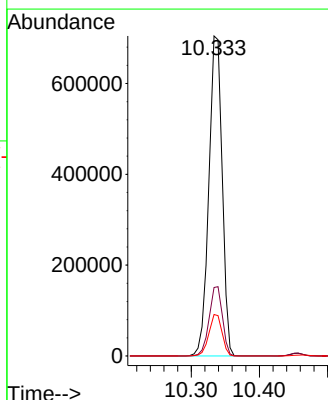
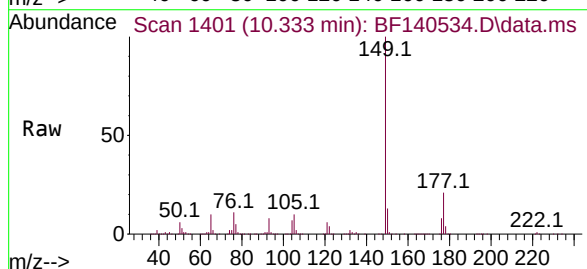
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

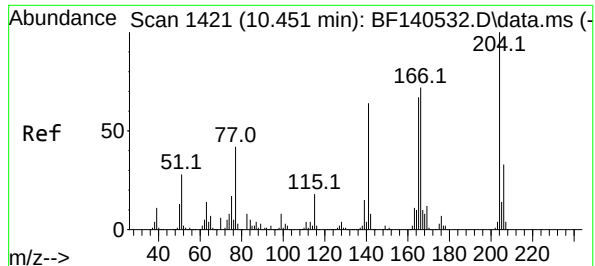
Tgt Ion:232 Resp: 230786
Ion Ratio Lower Upper
232 100
131 47.5 39.6 59.4
130 2.4 1.9 2.9
166 30.2 25.3 37.9



#60
Diethylphthalate
Concen: 56.869 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:149 Resp: 959366
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.9 10.1 15.1

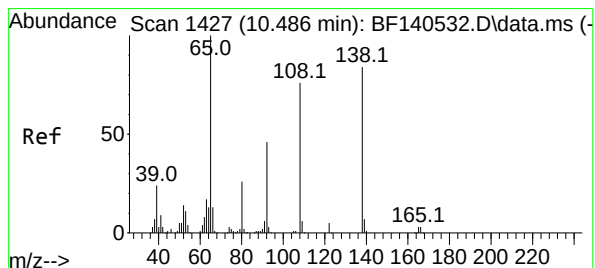
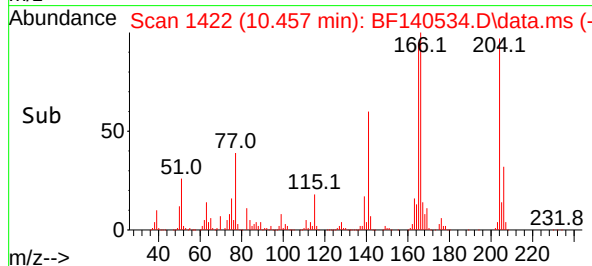
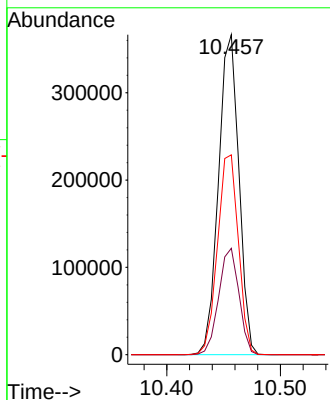
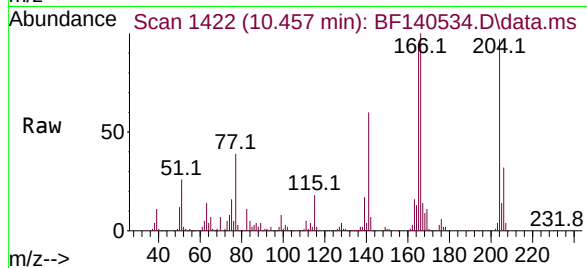




#61
4-Chlorophenyl-phenylether
Concen: 55.641 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

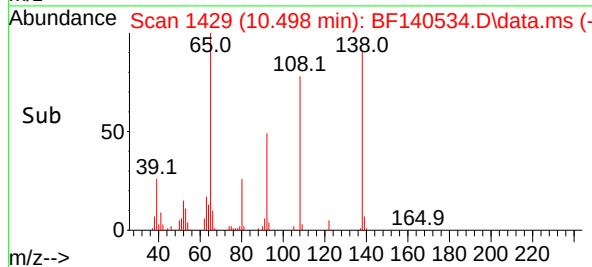
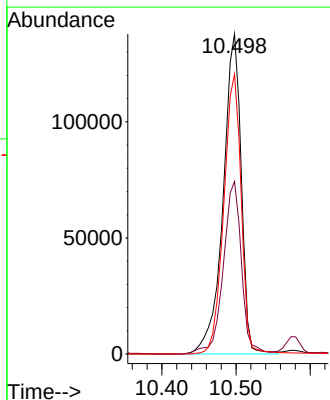
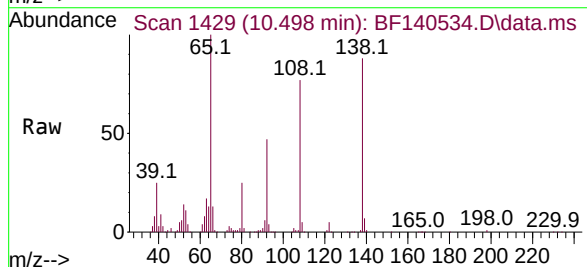
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

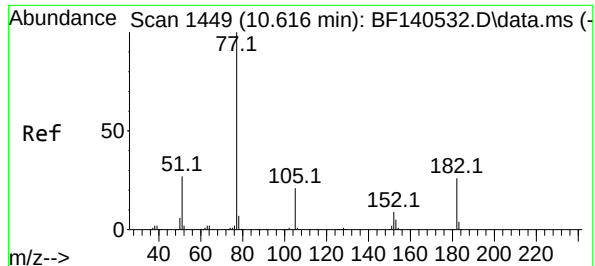
Tgt Ion:204 Resp: 457757
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 62.4 51.1 76.7



#62
4-Nitroaniline
Concen: 60.547 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:138 Resp: 233877
Ion Ratio Lower Upper
138 100
92 54.0 34.5 74.5
108 87.5 70.6 110.6

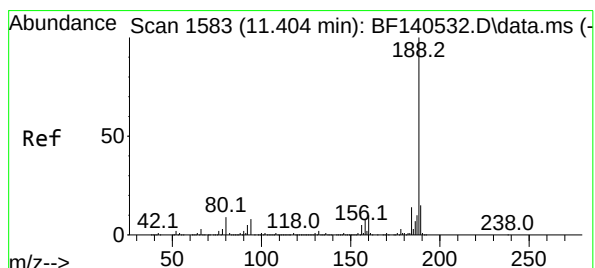
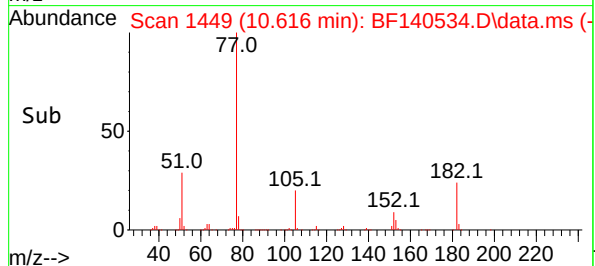
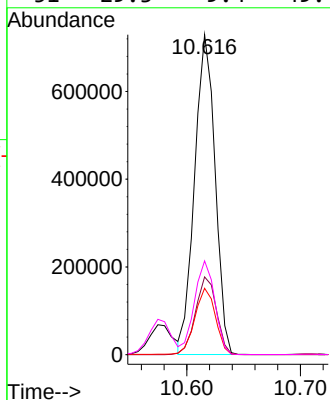
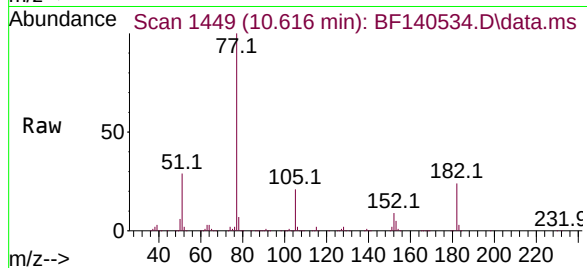




#63
Azobenzene
Concen: 57.097 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

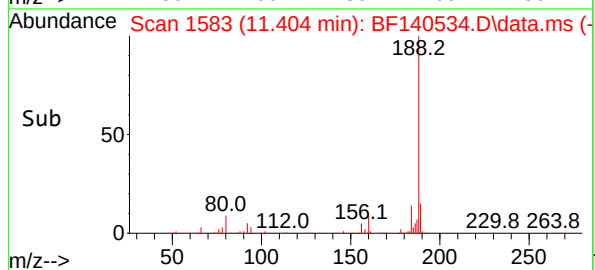
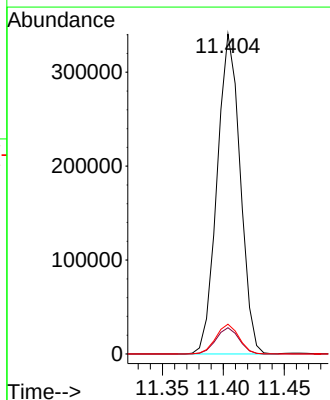
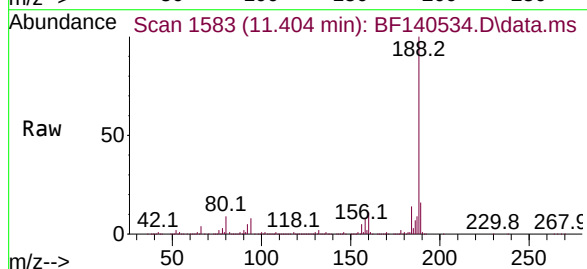
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

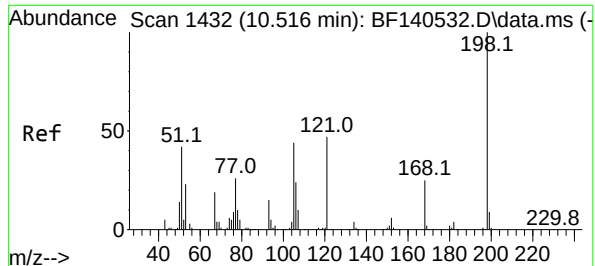
Tgt Ion:	77	Resp:	912145
Ion Ratio	Lower	Upper	
77	100		
182	24.3	5.3	45.3
105	20.8	0.3	40.3
51	29.3	9.4	49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:	188	Resp:	449876
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.4	9.6
80	9.3	6.9	10.3

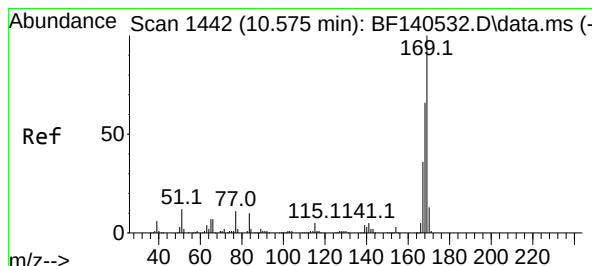
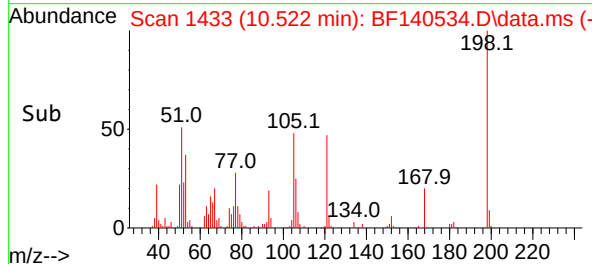
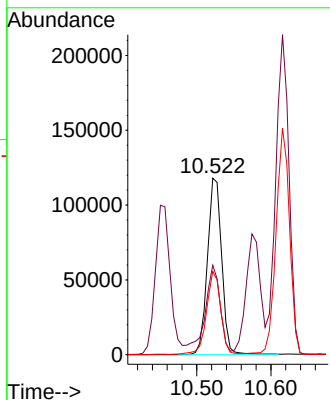
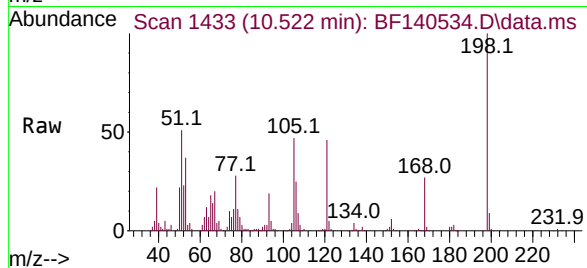




#65
4,6-Dinitro-2-methylphenol
Concen: 68.815 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

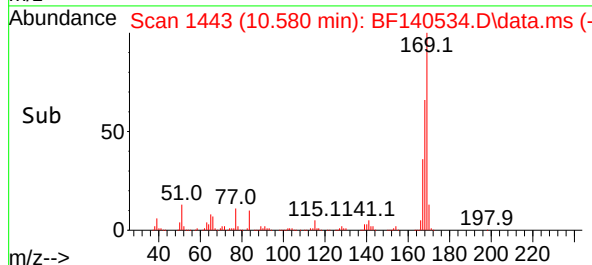
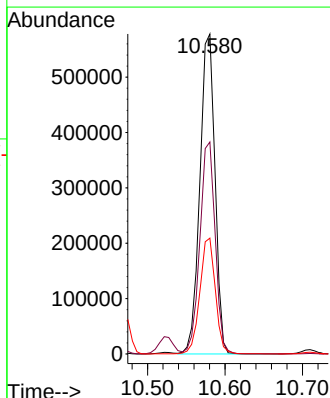
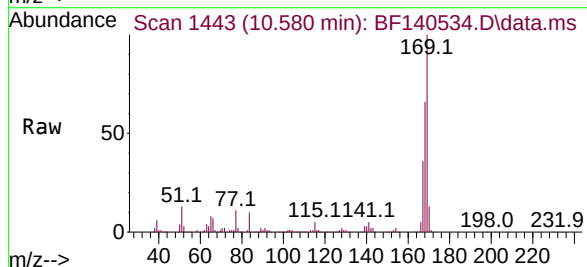
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

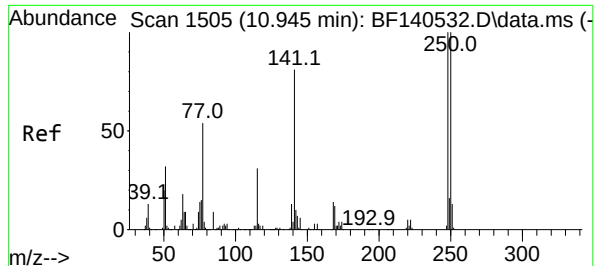
Tgt Ion:198 Resp: 158199
Ion Ratio Lower Upper
198 100
51 50.6 29.4 69.4
105 47.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 58.887 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:169 Resp: 783428
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.2 29.0 43.6

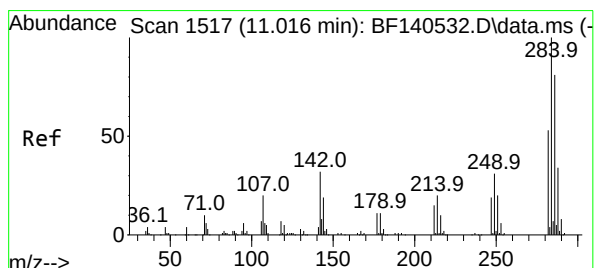
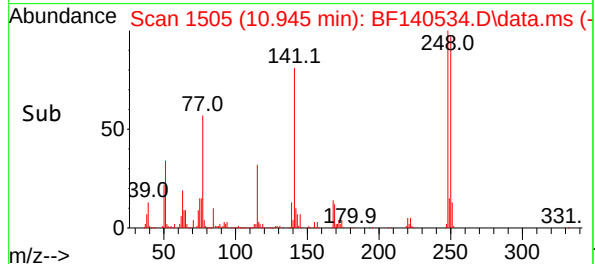
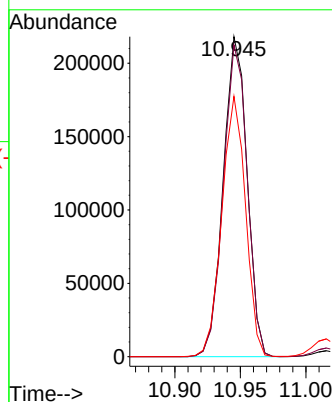
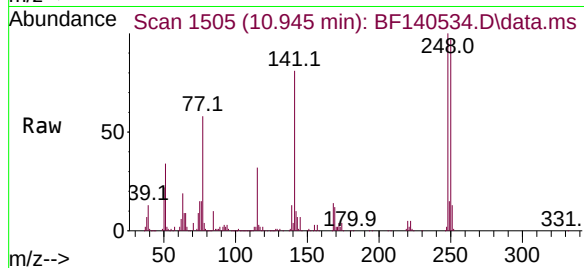




#67
4-Bromophenyl-phenylether
Concen: 59.628 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

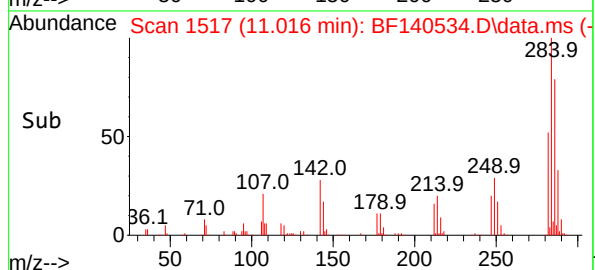
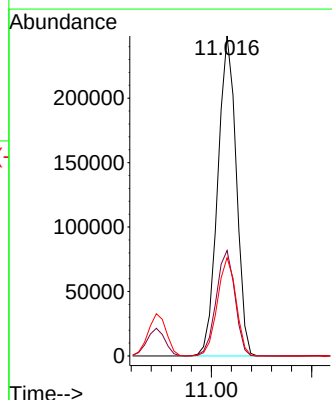
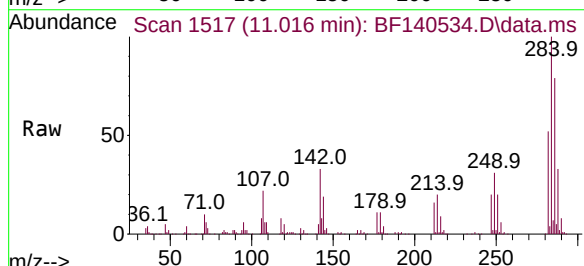
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

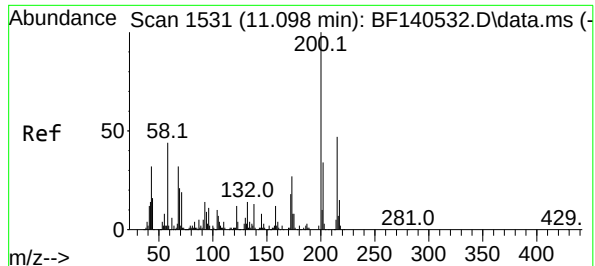
Tgt Ion:248 Resp: 276260
Ion Ratio Lower Upper
248 100
250 97.4 79.8 119.8
141 81.4 64.7 97.1



#68
Hexachlorobenzene
Concen: 59.265 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:284 Resp: 317935
Ion Ratio Lower Upper
284 100
142 32.9 25.3 37.9
249 30.7 24.8 37.2

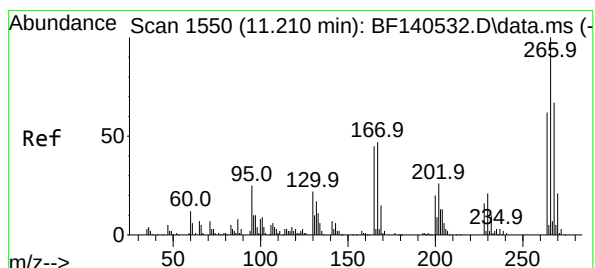
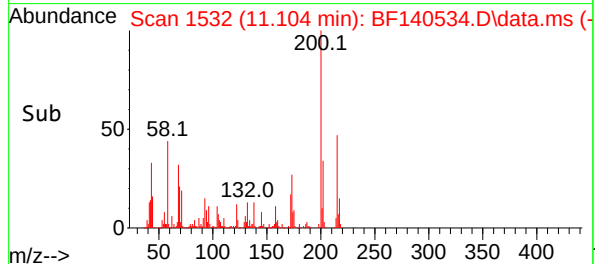
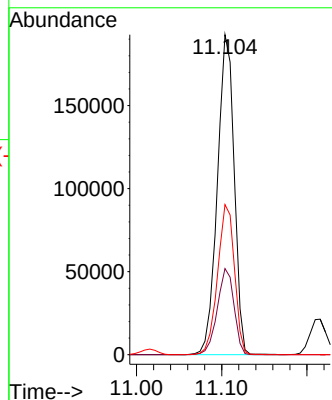
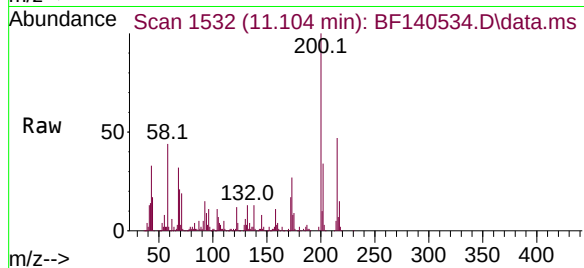




#69
Atrazine
Concen: 70.679 ng
RT: 11.104 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

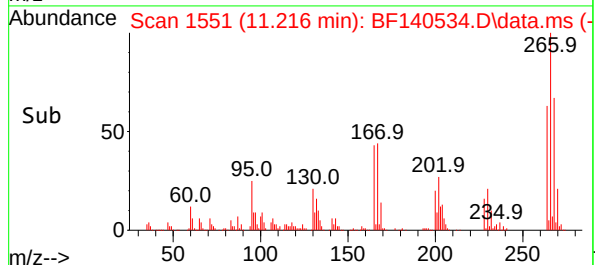
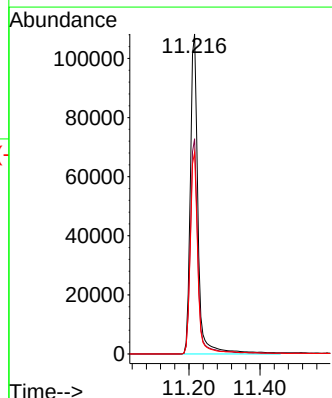
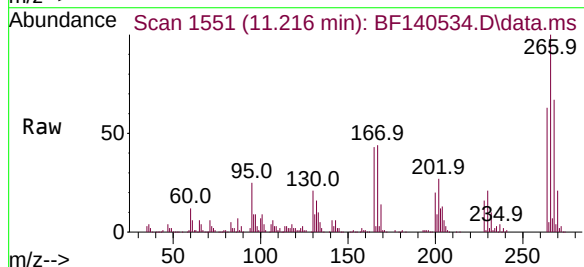
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

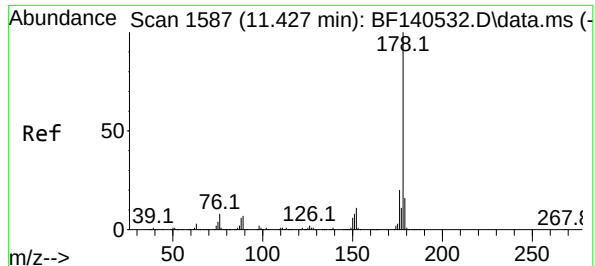
Tgt Ion:200 Resp: 264529
Ion Ratio Lower Upper
200 100
173 26.9 7.0 47.0
215 46.9 26.7 66.7



#70
Pentachlorophenol
Concen: 69.004 ng
RT: 11.216 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:266 Resp: 162925
Ion Ratio Lower Upper
266 100
268 67.3 53.7 80.5
264 63.0 49.8 74.8





#71

Phenanthrene

Concen: 57.156 ng

RT: 11.433 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

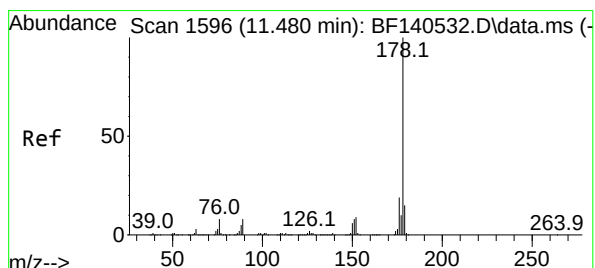
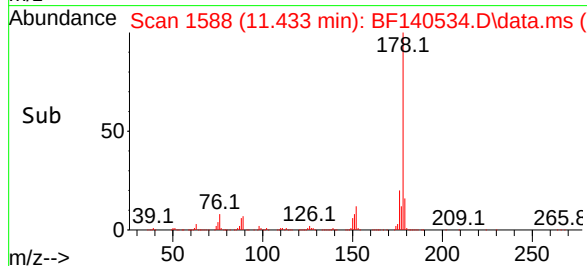
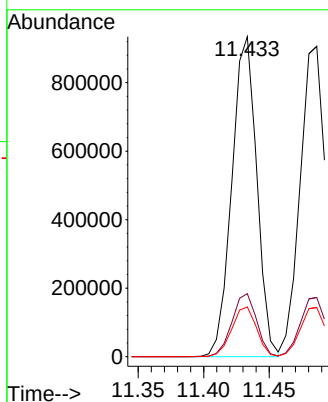
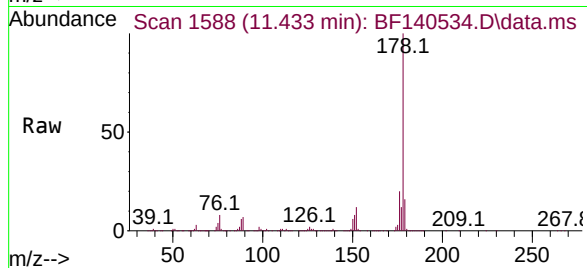
Tgt Ion:178 Resp: 1236004

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.6 12.4 18.6



#72

Anthracene

Concen: 57.692 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

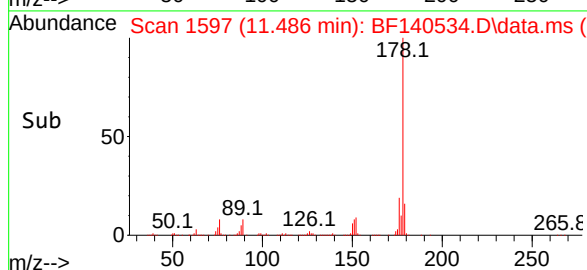
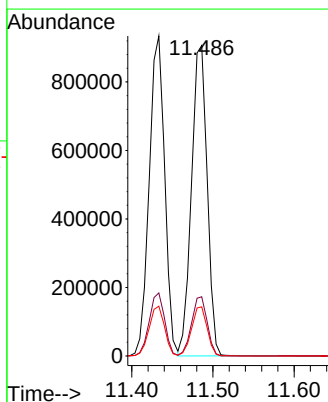
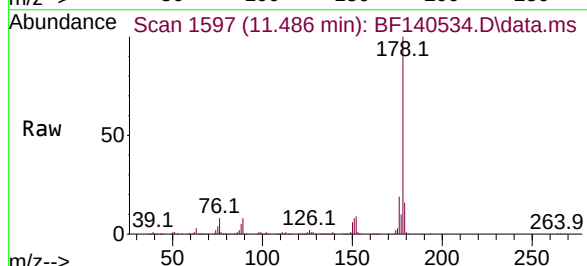
Tgt Ion:178 Resp: 1220392

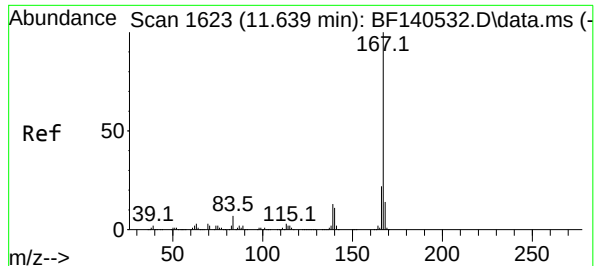
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

179 15.8 12.2 18.4

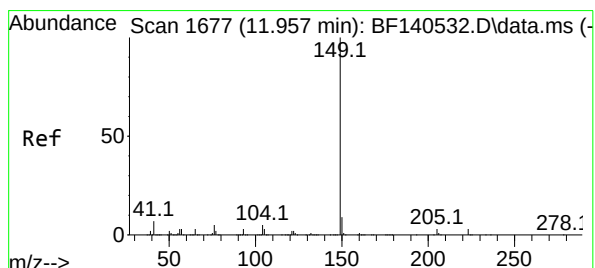
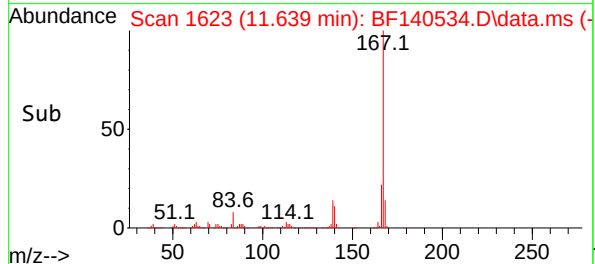
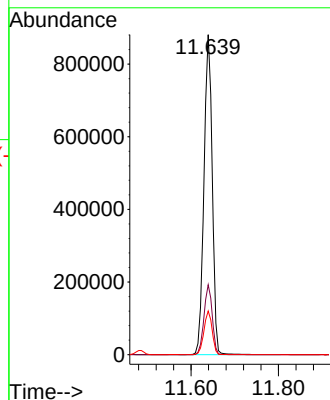
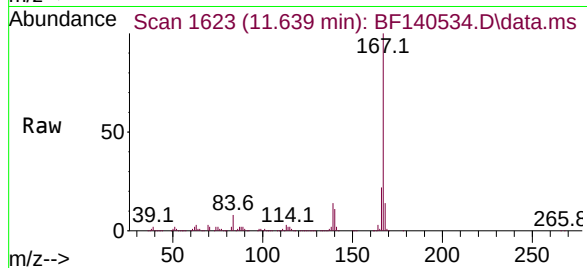




#73
Carbazole
Concen: 57.171 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

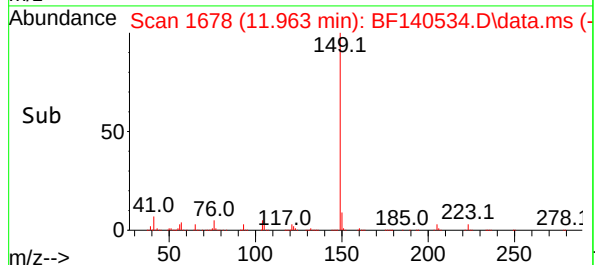
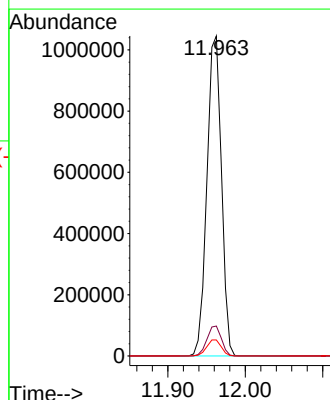
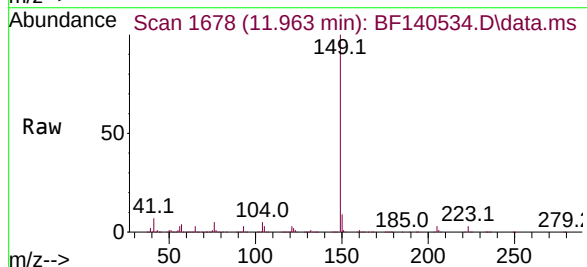
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

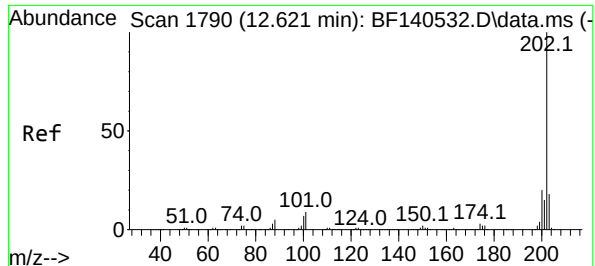
Tgt Ion:167 Resp: 1163411
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 13.6 10.6 15.8



#74
Di-n-butylphthalate
Concen: 57.851 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:149 Resp: 1359134
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.0 4.1 6.1

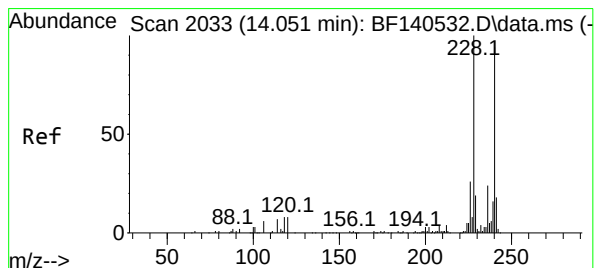
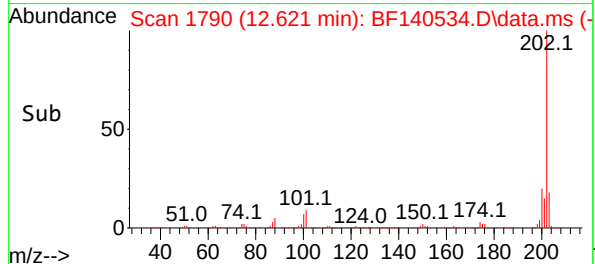
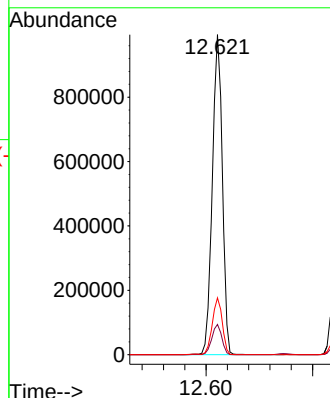
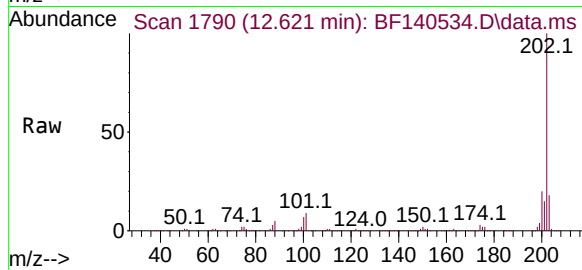




#75
Fluoranthene
Concen: 55.323 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

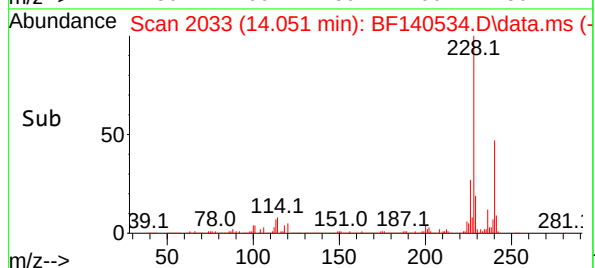
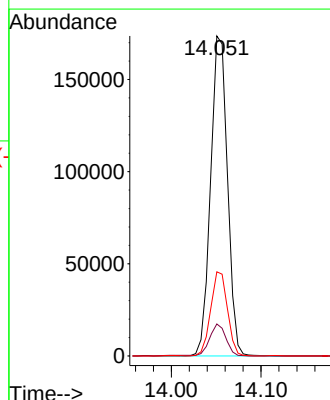
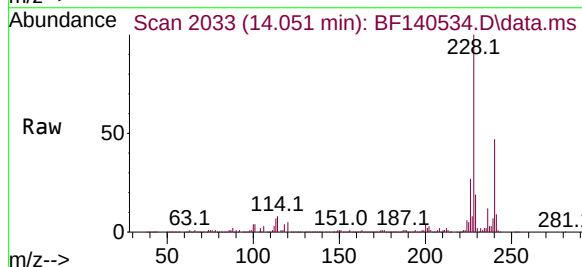
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

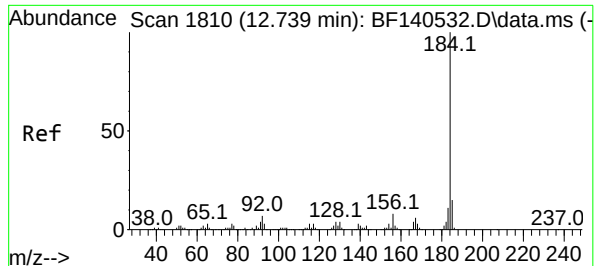
Tgt Ion:202 Resp: 1298953
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.9
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:240 Resp: 226512
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.3 20.6 31.0





#77

Benzidine

Concen: 105.771 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

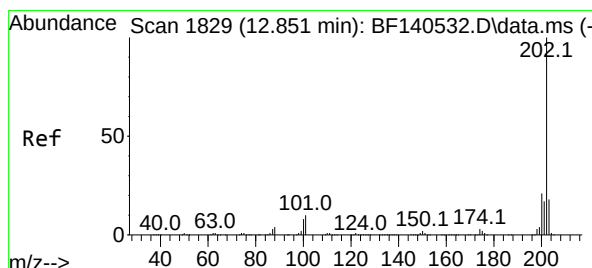
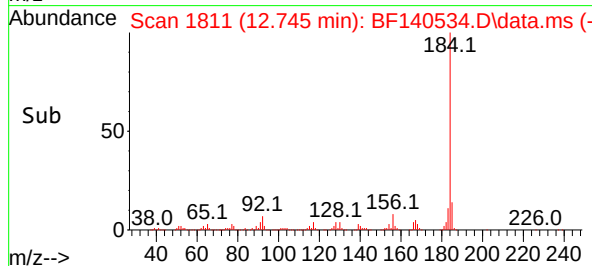
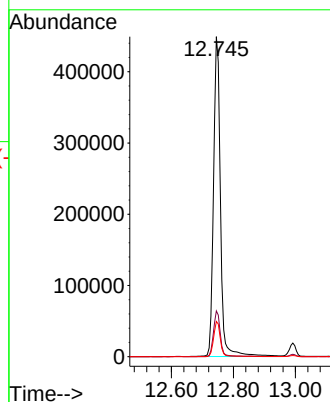
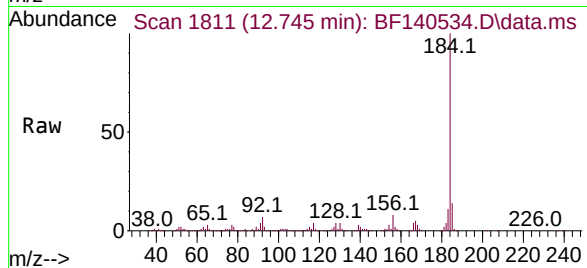
Tgt Ion:184 Resp: 696576

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.0 8.8 13.2



#78

Pyrene

Concen: 61.591 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

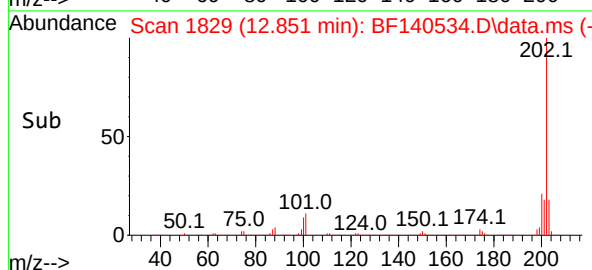
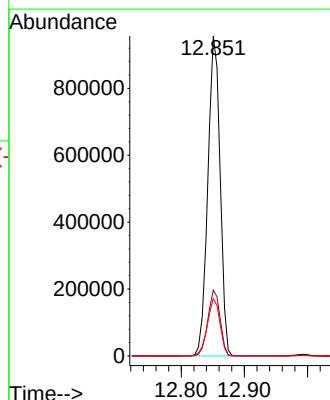
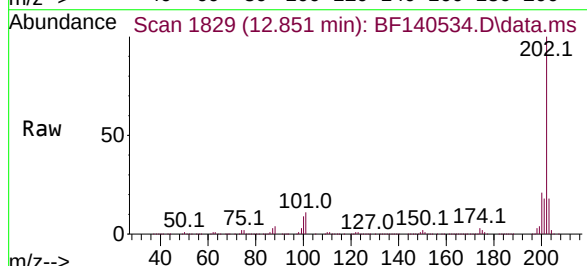
Tgt Ion:202 Resp: 1289961

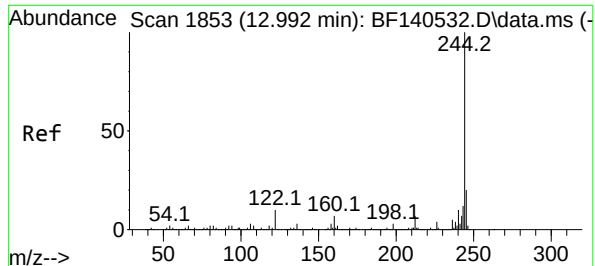
Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.9 14.2 21.4

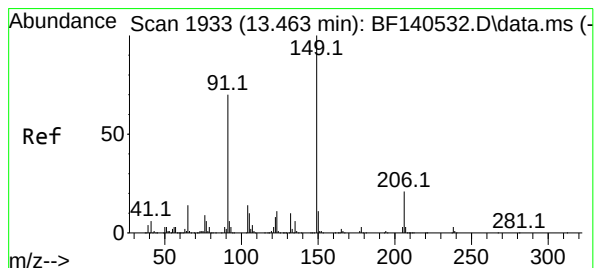
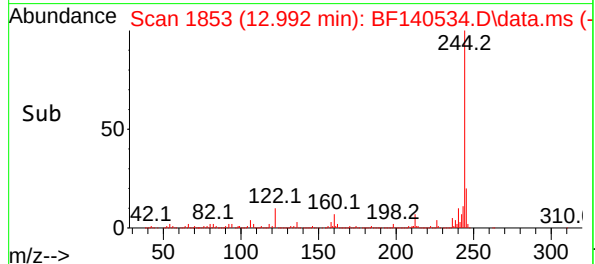
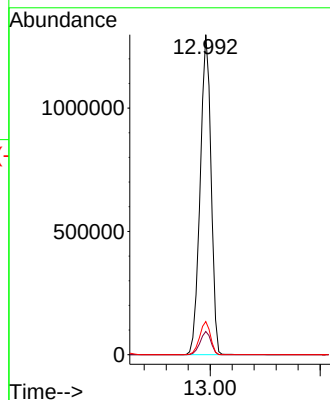
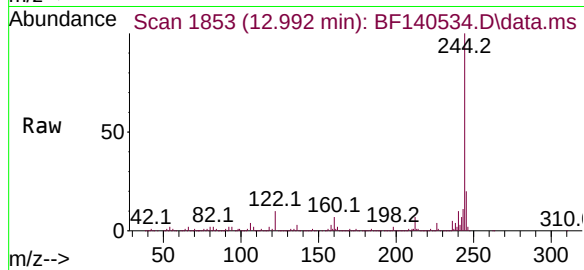




#79
Terphenyl-d14
Concen: 122.638 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

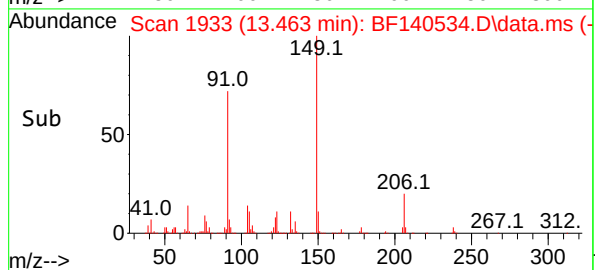
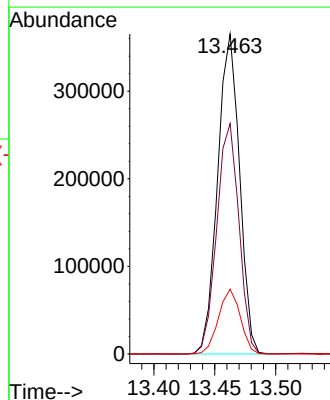
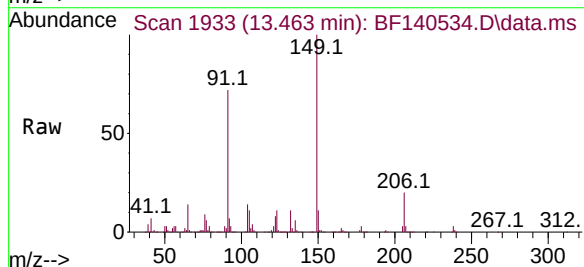
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

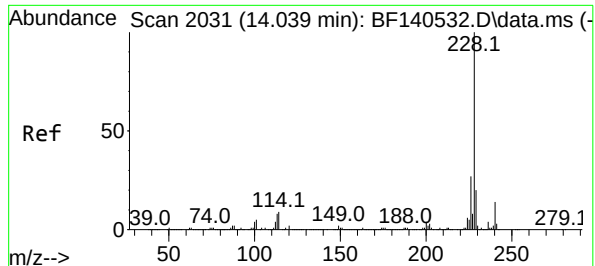
Tgt Ion:244 Resp: 1783980
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.4 8.0 12.0



#80
Butylbenzylphthalate
Concen: 60.743 ng
RT: 13.463 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:149 Resp: 458296
Ion Ratio Lower Upper
149 100
91 72.0 56.2 84.2
206 20.3 16.4 24.6

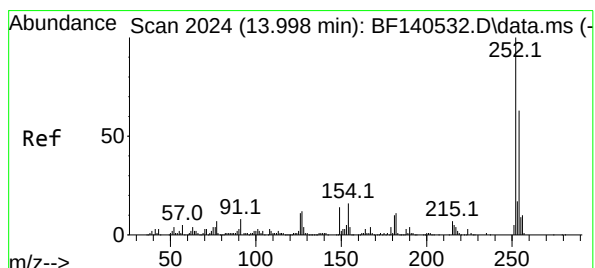
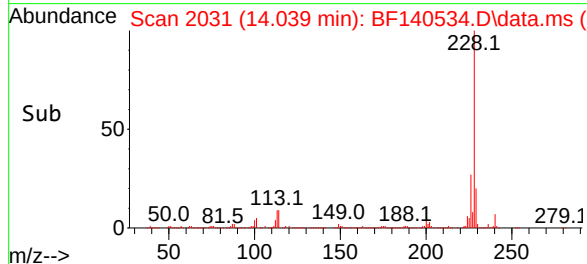
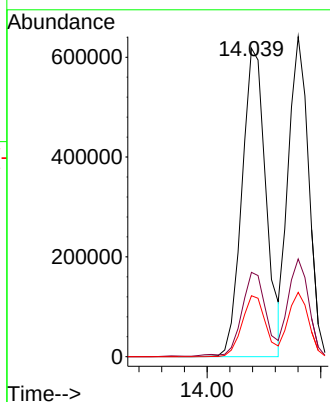
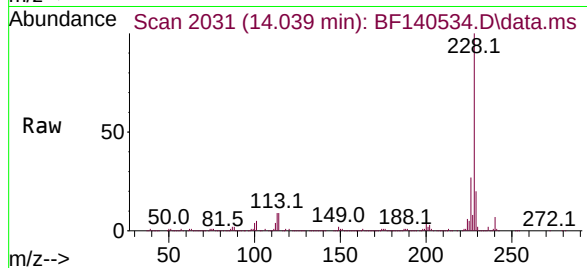




#81
Benzo(a)anthracene
Concen: 60.640 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

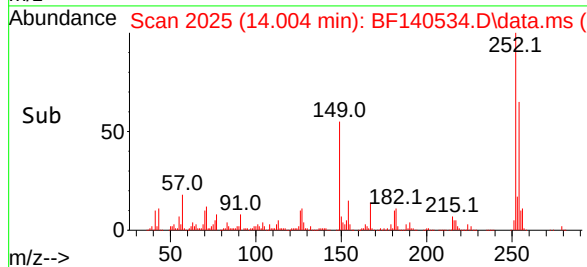
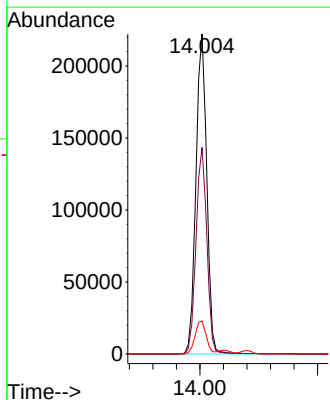
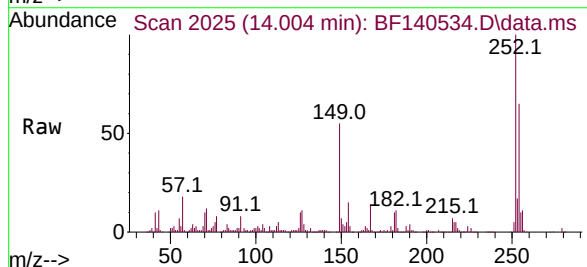
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

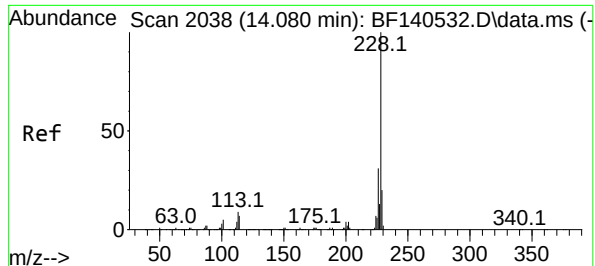
Tgt Ion:228 Resp: 909243
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 63.247 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:252 Resp: 284725
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 10.3 8.6 13.0

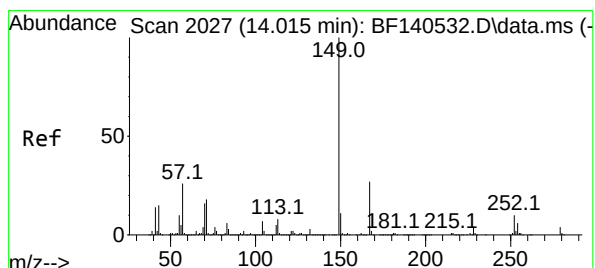
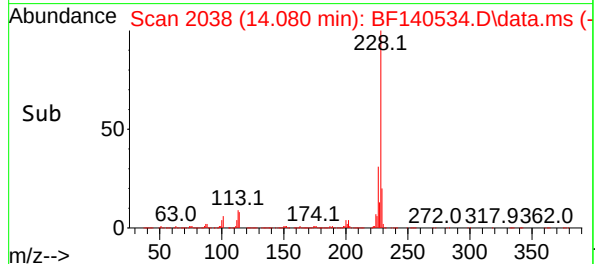
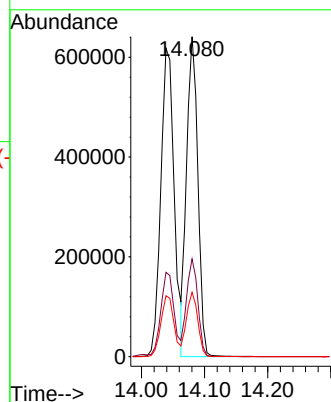
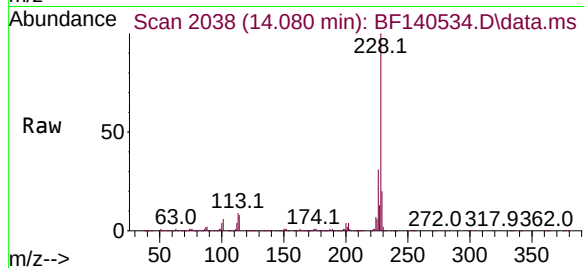




#83
Chrysene
Concen: 58.142 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

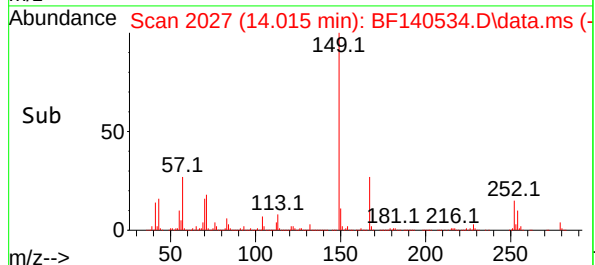
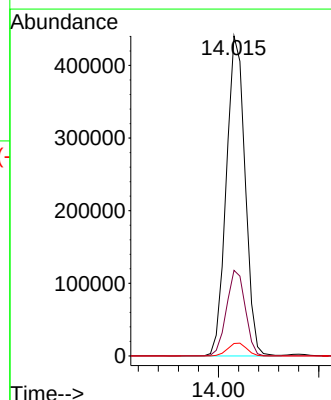
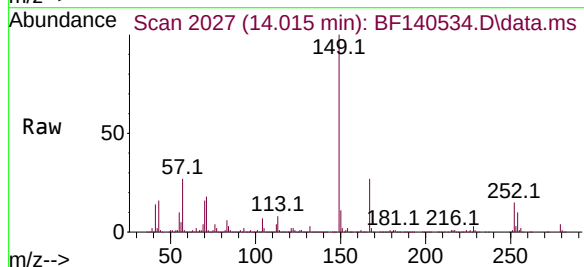
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

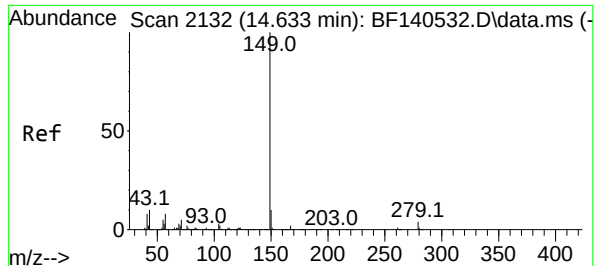
Tgt Ion:228 Resp: 797151
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.983 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:149 Resp: 571450
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 3.9 3.2 4.8

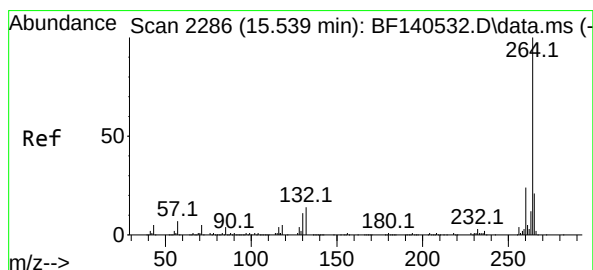
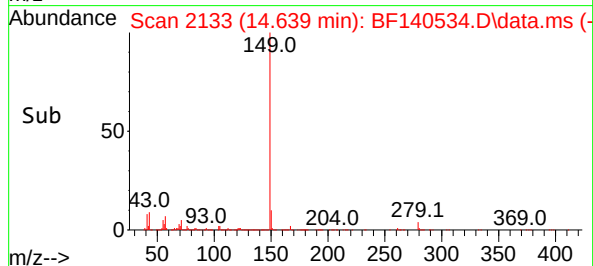
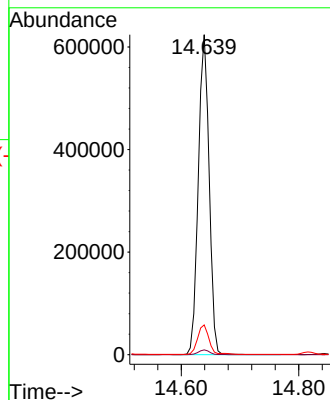
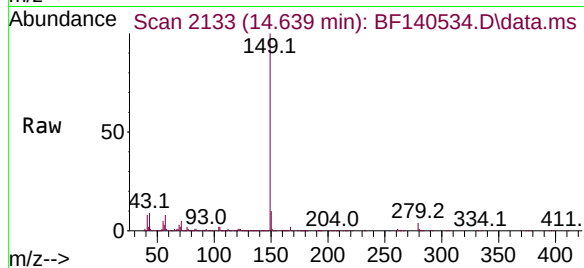




#85
Di-n-octyl phthalate
Concen: 61.012 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

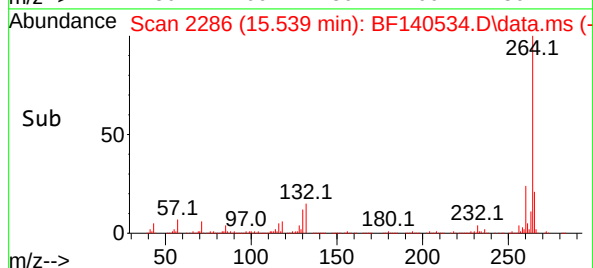
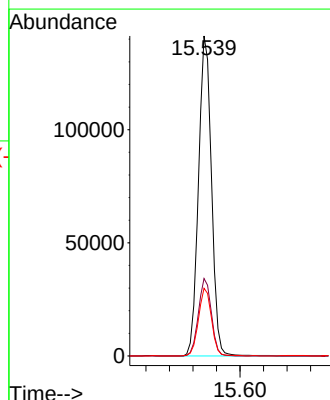
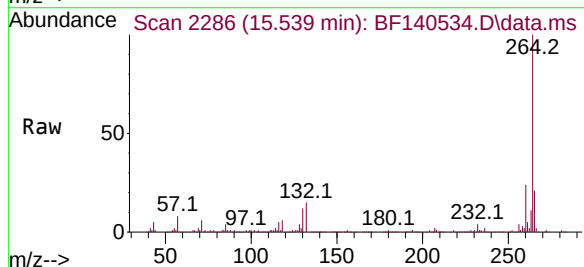
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

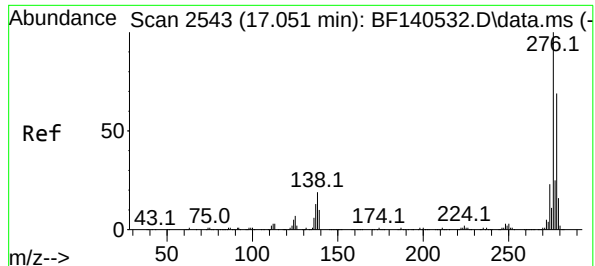
Tgt Ion:149 Resp: 794359
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:264 Resp: 216239
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.878 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

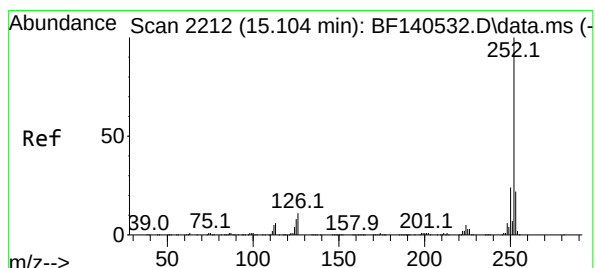
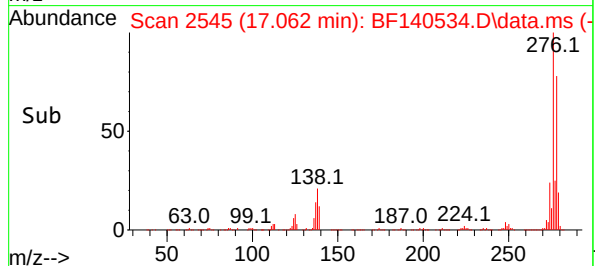
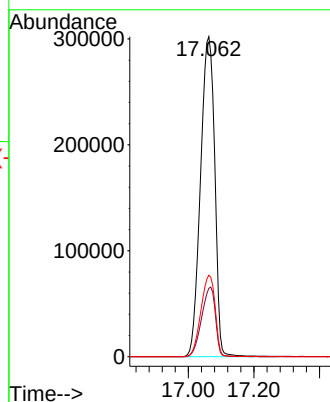
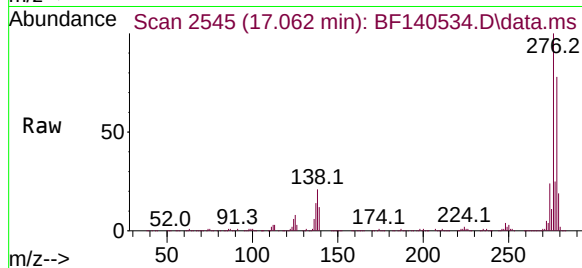
Tgt Ion:276 Resp: 914265

Ion Ratio Lower Upper

276 100

138 21.0 15.5 23.3

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 57.648 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

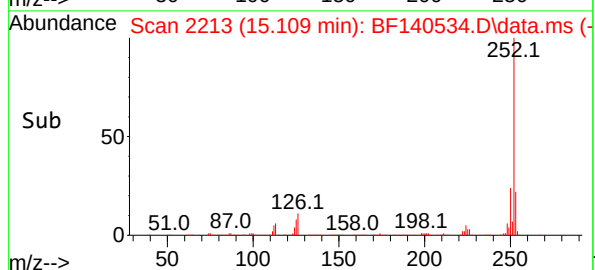
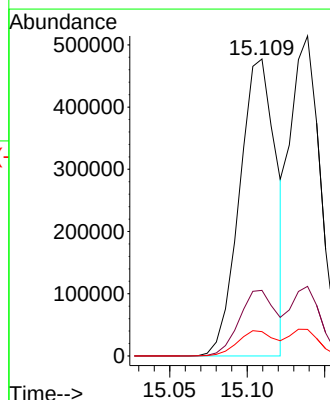
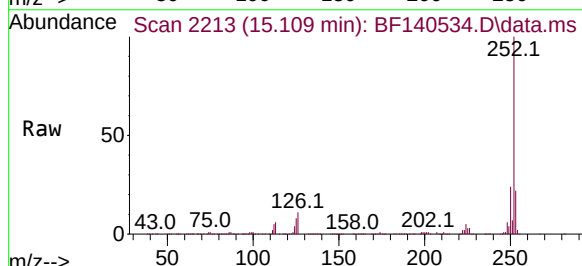
Tgt Ion:252 Resp: 782997

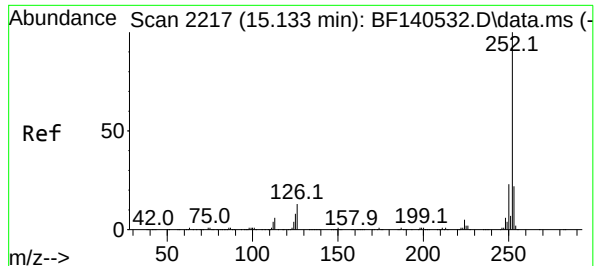
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 57.594 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

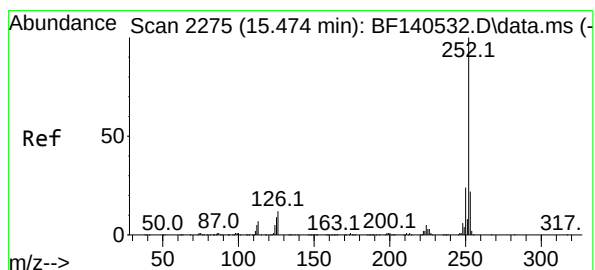
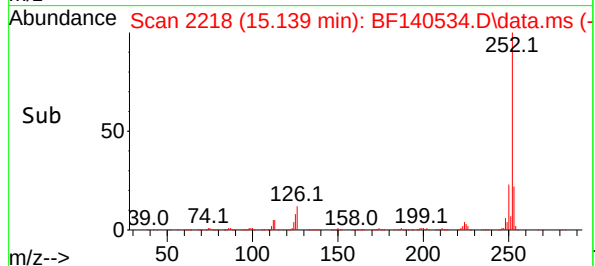
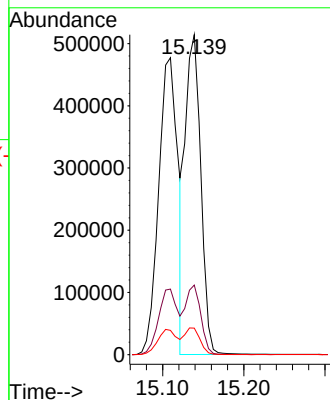
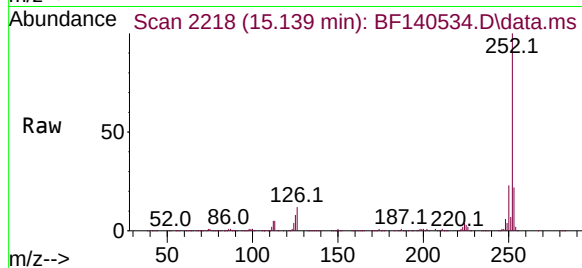
Tgt Ion:252 Resp: 684548

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.3 6.5 9.7



#90

Benzo(a)pyrene

Concen: 59.538 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140534.D

Acq: 21 Nov 2024 13:51

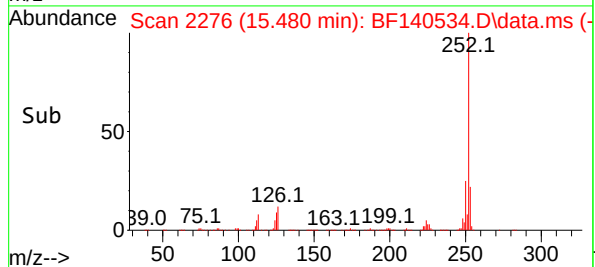
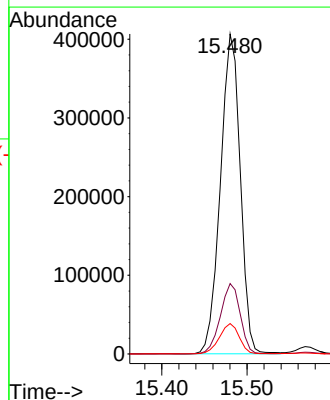
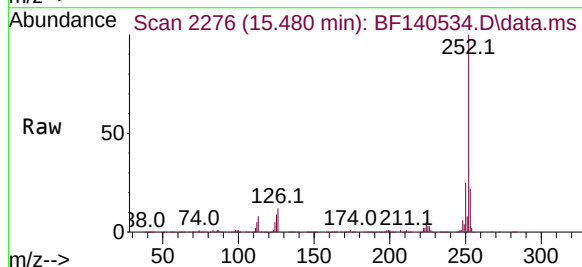
Tgt Ion:252 Resp: 657502

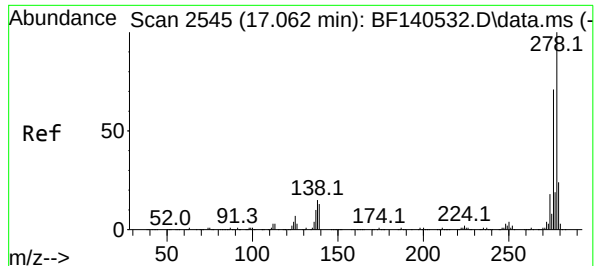
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.5 7.0 10.6

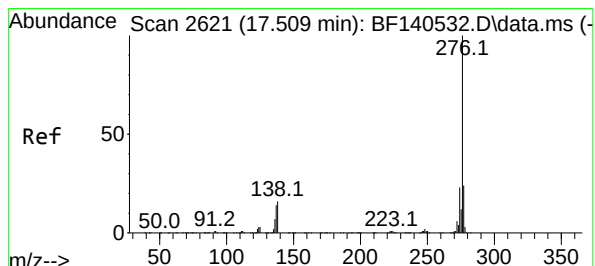
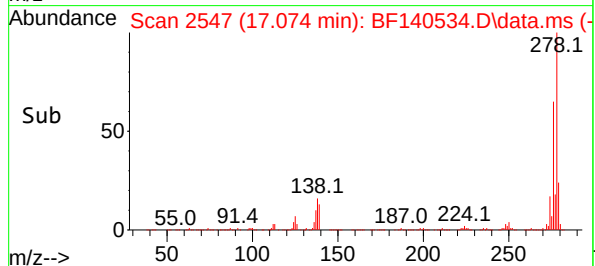
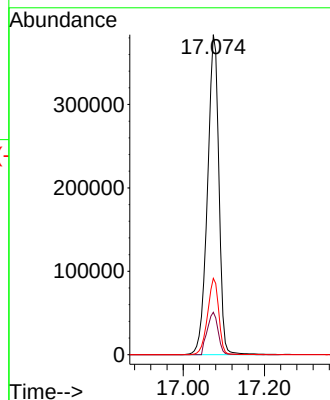
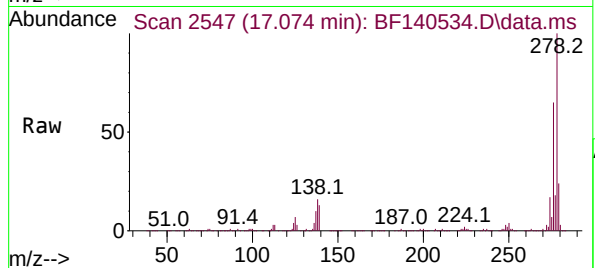




#91
Dibenzo(a,h)anthracene
Concen: 64.606 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

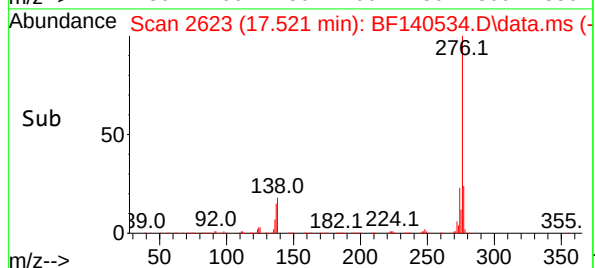
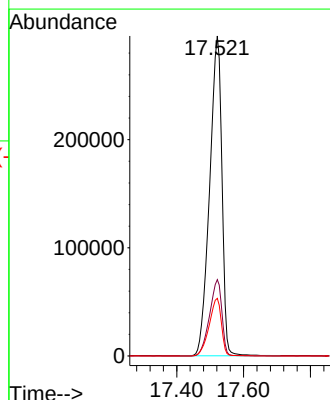
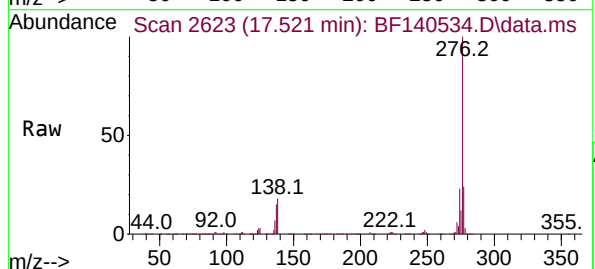
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 745614
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.4
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 63.978 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140534.D
Acq: 21 Nov 2024 13:51

Tgt Ion:276 Resp: 753452
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 18.0 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140535.D
 Acq On : 21 Nov 2024 14:18
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 21 15:15:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	111872	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	386311	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	207499	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	377113	20.000	ng	0.00
76) Chrysene-d12	14.057	240	187912	20.000	ng	0.00
86) Perylene-d12	15.539	264	185457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	976816	148.979	ng	0.01
7) Phenol-d6	6.528	99	1259345	145.284	ng	0.01
23) Nitrobenzene-d5	7.451	82	1184453	156.830	ng	0.01
42) 2,4,6-Tribromophenol	10.710	330	350473	157.926	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2050501	147.236	ng	0.00
79) Terphenyl-d14	12.992	244	1884646	156.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	213294	77.371	ng	100
3) Pyridine	3.434	79	504657	83.201	ng	98
4) n-Nitrosodimethylamine	3.416	42	295436	82.873	ng	99
6) Aniline	6.551	93	373764	61.261	ng	# 66
8) 2-Chlorophenol	6.675	128	512168	72.606	ng	97
10) Phenol	6.545	94	633910	71.609	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	509142	75.160	ng	100
12) 1,3-Dichlorobenzene	6.822	146	576538	72.737	ng	99
13) 1,4-Dichlorobenzene	6.893	146	587901	73.253	ng	98
14) 1,2-Dichlorobenzene	7.051	146	541244	71.971	ng	99
15) Benzyl Alcohol	7.028	79	469135	72.980	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	571163	71.370	ng	89
17) 2-Methylphenol	7.140	107	412367	73.028	ng	97
18) Hexachloroethane	7.387	117	223281	74.489	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	370745	72.370	ng	97
20) 3+4-Methylphenols	7.298	107	516442	71.155	ng	91
22) Acetophenone	7.292	105	722622	76.727	ng	# 98
24) Nitrobenzene	7.469	77	605207	77.534	ng	98
25) Isophorone	7.704	82	981772	77.937	ng	100
26) 2-Nitrophenol	7.775	139	277762	80.298	ng	98
27) 2,4-Dimethylphenol	7.816	122	336239	81.241	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	591884	77.128	ng	100
29) 2,4-Dichlorophenol	8.022	162	418686	76.344	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	482134	76.997	ng	99
31) Naphthalene	8.181	128	1498520	75.309	ng	100
32) Benzoic acid	7.981	122	312770	81.021	ng	99
33) 4-Chloroaniline	8.239	127	446235	74.901	ng	99
34) Hexachlorobutadiene	8.292	225	315951	76.179	ng	99
35) Caprolactam	8.634	113	127641	75.207	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	465184	75.759	ng	100
37) 2-Methylnaphthalene	8.869	142	949611	75.136	ng	100
38) 1-Methylnaphthalene	8.969	142	928964	74.987	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	468632	77.147	ng	100
41) Hexachlorocyclopentadiene	9.022	237	110015	80.520	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	302826	79.446	ng	99
44) 2,4,5-Trichlorophenol	9.204	196	325549	78.696	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140535.D
 Acq On : 21 Nov 2024 14:18
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

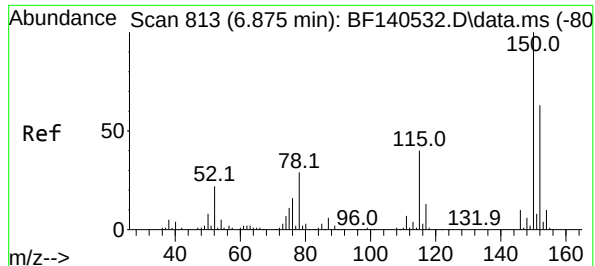
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	1164092	75.141	ng	98
47) 2-Chloronaphthalene	9.363	162	905645	77.151	ng	100
48) 2-Nitroaniline	9.463	65	297813	79.040	ng	99
49) Acenaphthylene	9.781	152	1319777	74.411	ng	99
50) Dimethylphthalate	9.645	163	1041011	76.177	ng	100
51) 2,6-Dinitrotoluene	9.710	165	237697	76.693	ng	96
52) Acenaphthene	9.951	154	851353	74.130	ng	99
53) 3-Nitroaniline	9.881	138	217122	71.627	ng	95
54) 2,4-Dinitrophenol	9.986	184	127923	79.725	ng	98
55) Dibenzofuran	10.122	168	1252581	72.868	ng	98
56) 4-Nitrophenol	10.051	139	172406	83.396	ng	97
57) 2,4-Dinitrotoluene	10.116	165	314478	76.346	ng	96
58) Fluorene	10.469	166	1004537	72.805	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	258582	81.333	ng	97
60) Diethylphthalate	10.339	149	1023948	73.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	496862	73.378	ng	98
62) 4-Nitroaniline	10.504	138	241223	75.874	ng	99
63) Azobenzene	10.616	77	978891	74.448	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	170169	88.305	ng	98
66) n-Nitrosodiphenylamine	10.581	169	842038	75.504	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	298430	76.842	ng	98
68) Hexachlorobenzene	11.016	284	349669	77.757	ng	98
69) Atrazine	11.110	200	298744	95.222	ng	99
70) Pentachlorophenol	11.216	266	177717	89.792	ng	99
71) Phenanthrene	11.433	178	1329366	73.334	ng	100
72) Anthracene	11.486	178	1295331	73.050	ng	100
73) Carbazole	11.639	167	1238730	72.617	ng	100
74) Di-n-butylphthalate	11.963	149	1458047	74.036	ng	100
75) Fluoranthene	12.622	202	1389485	70.598	ng	99
77) Benzidine	12.745	184	564372	103.300	ng	100
78) Pyrene	12.851	202	1352459	77.840	ng	100
80) Butylbenzylphthalate	13.463	149	481834	76.981	ng	99
81) Benzo(a)anthracene	14.045	228	933395	75.038	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	295857	79.219	ng	99
83) Chrysene	14.080	228	847578	74.518	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	598926	75.781	ng	100
85) Di-n-octyl phthalate	14.639	149	842600	78.011	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	973960	80.586	ng	100
88) Benzo(b)fluoranthene	15.104	252	866416	74.378	ng	99
89) Benzo(k)fluoranthene	15.139	252	726636	71.283	ng	100
90) Benzo(a)pyrene	15.480	252	710060	74.969	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	789090	79.722	ng	99
92) Benzo(g,h,i)perylene	17.521	276	803570	79.559	ng	99

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

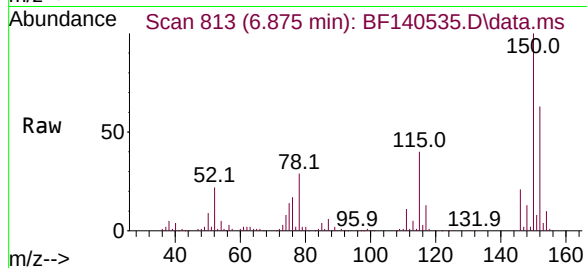
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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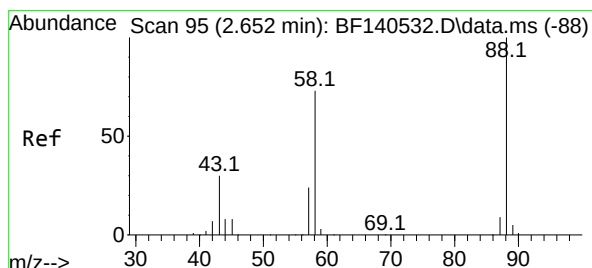
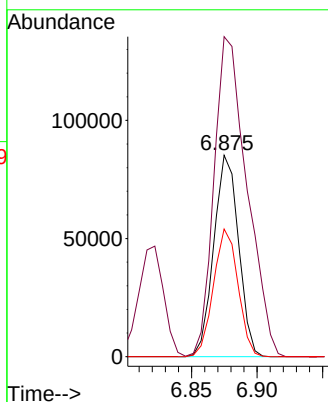
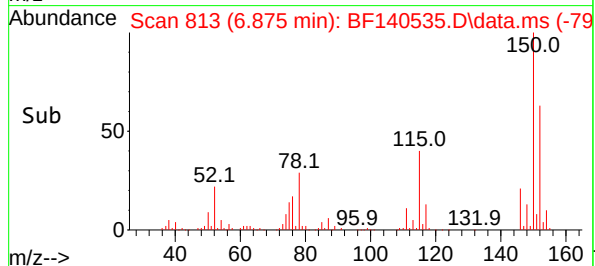


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

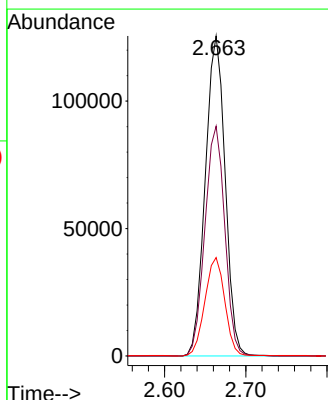
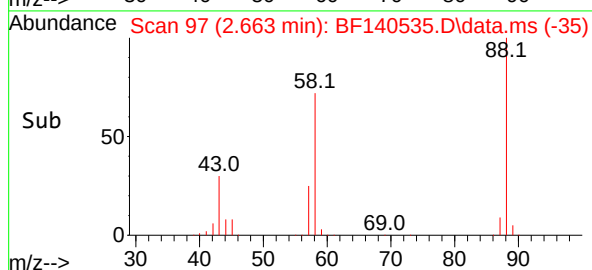
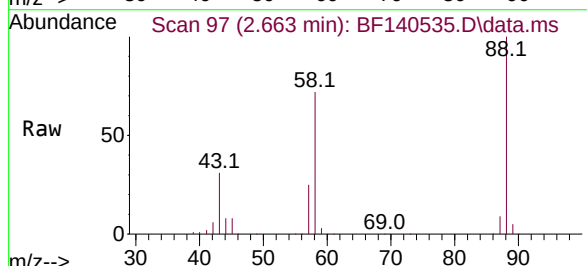


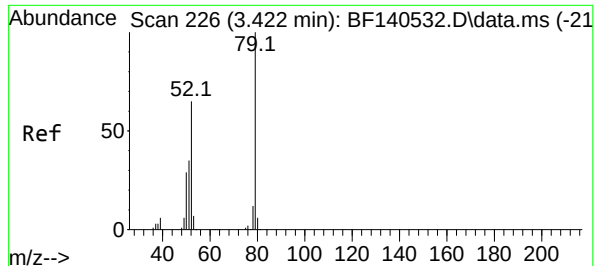
Tgt Ion:152 Resp: 111872
Ion Ratio Lower Upper
152 100
150 158.9 128.5 192.7
115 63.4 50.2 75.4



#2
1,4-Dioxane
Concen: 77.371 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 88 Resp: 213294
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 31.0 24.3 36.5

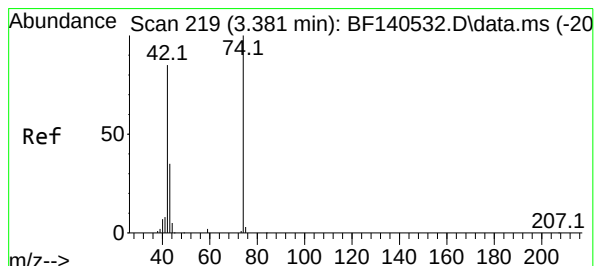
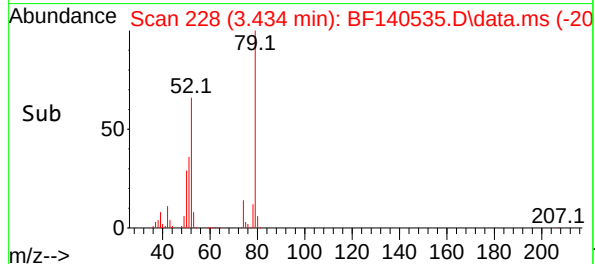
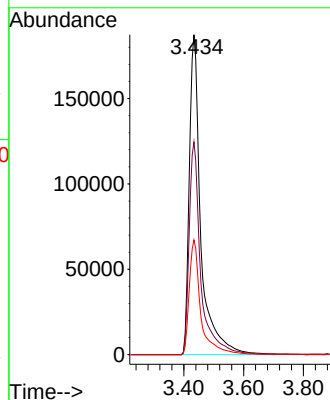
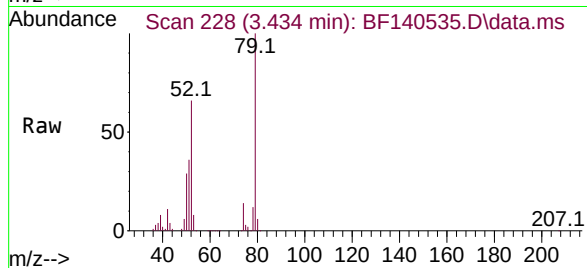




#3
Pyridine
Concen: 83.201 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

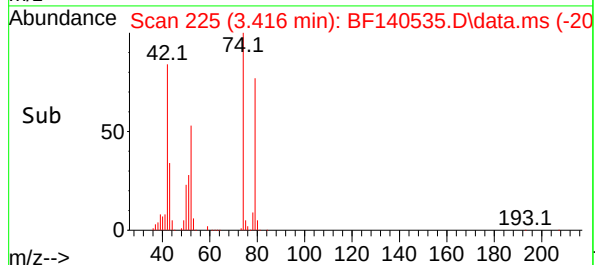
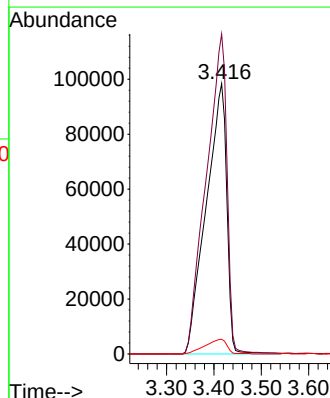
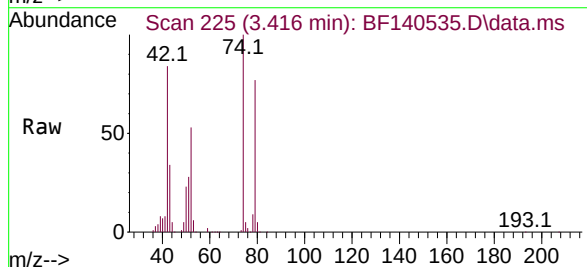
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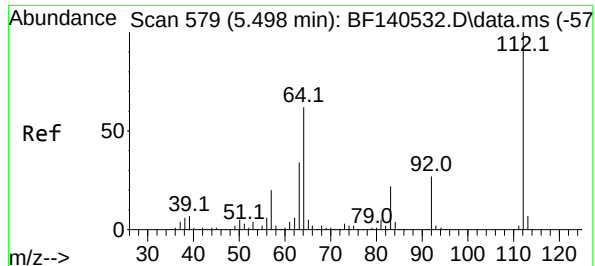
Tgt Ion: 79 Resp: 504657
Ion Ratio Lower Upper
79 100
52 66.5 52.1 78.1
51 35.8 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 82.873 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.035 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 42 Resp: 295436
Ion Ratio Lower Upper
42 100
74 118.4 93.8 140.6
44 5.4 4.6 6.8

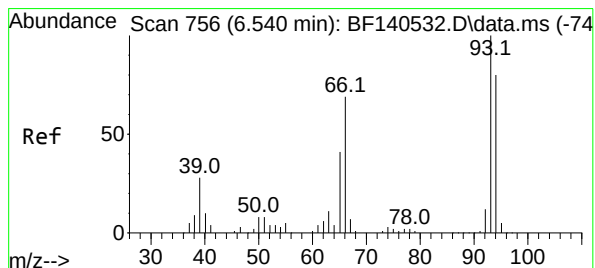
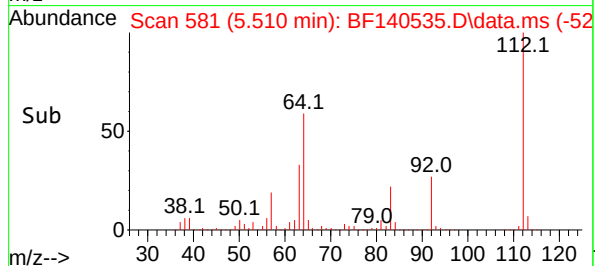
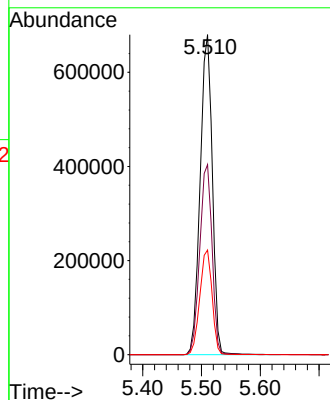
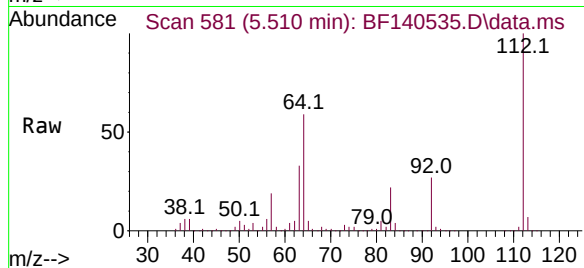




#5
2-Fluorophenol
Concen: 148.979 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

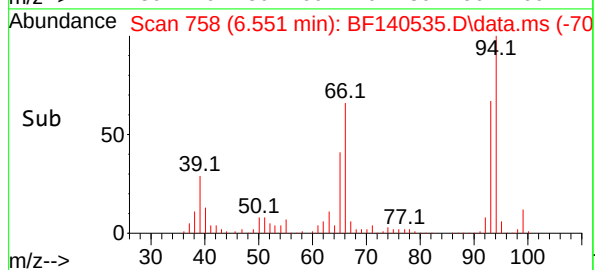
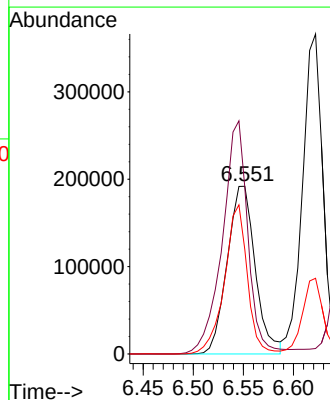
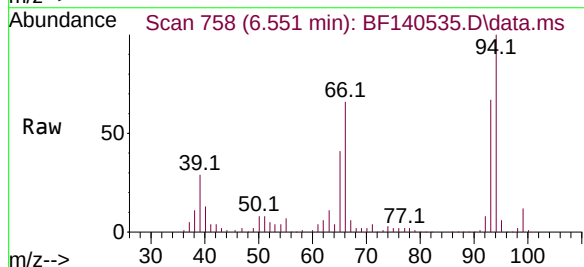
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

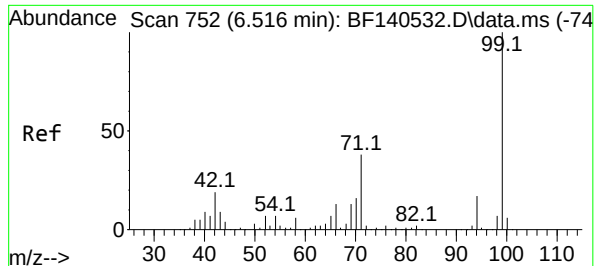
Tgt Ion:112 Resp: 976816
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 32.7 27.0 40.4



#6
Aniline
Concen: 61.261 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 93 Resp: 373764
Ion Ratio Lower Upper
93 100
66 99.2 56.5 84.7#
65 62.2 32.9 49.3#

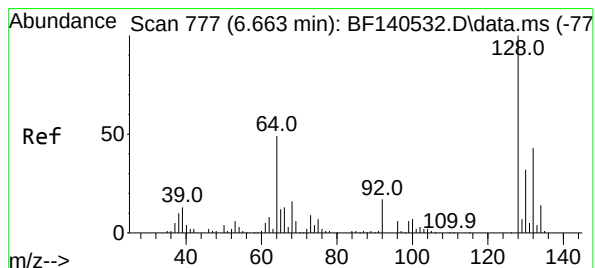
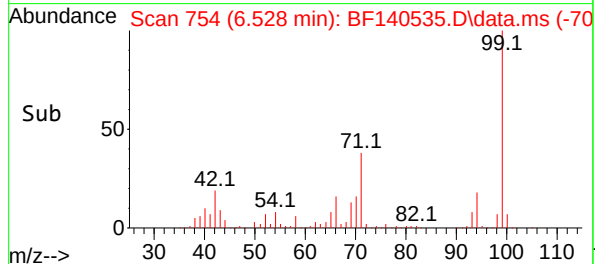
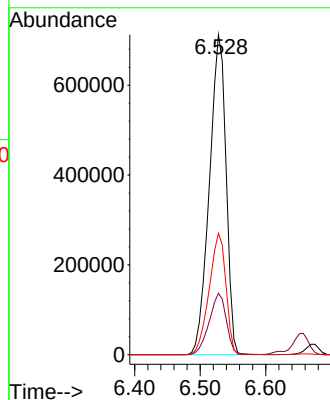
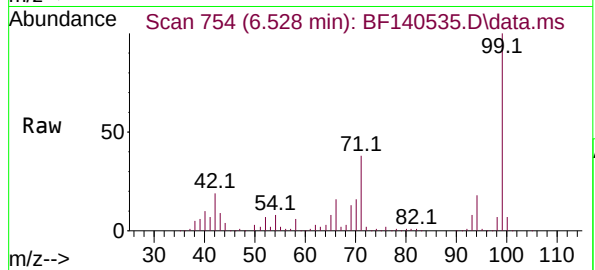




#7
Phenol-d6
Concen: 145.284 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

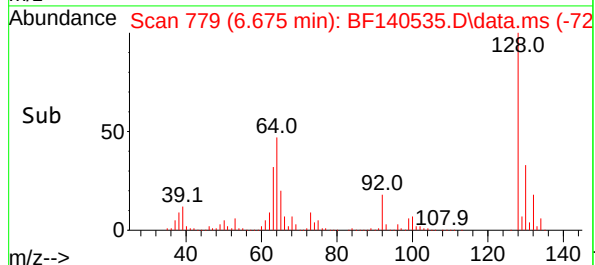
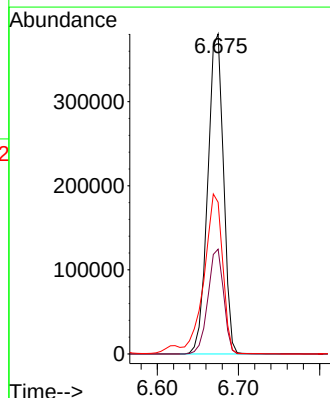
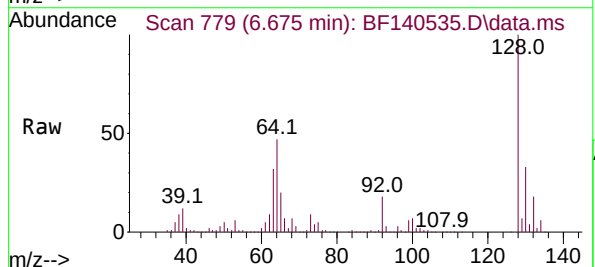
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

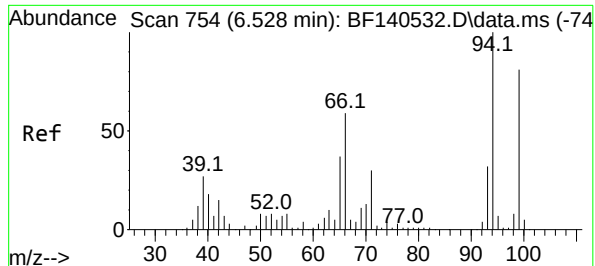
Tgt Ion: 99 Resp: 1259345
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 38.0 30.6 46.0



#8
2-Chlorophenol
Concen: 72.606 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 128 Resp: 512168
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 47.4 30.2 70.2

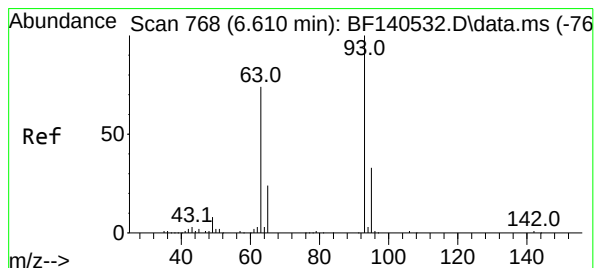
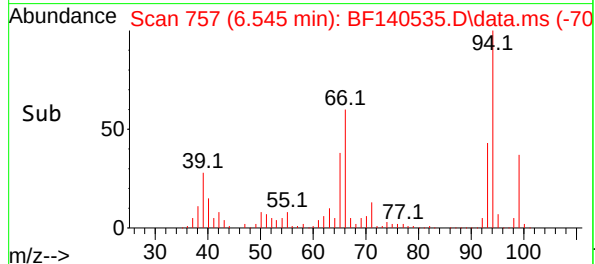
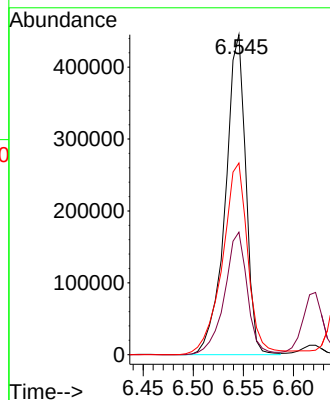
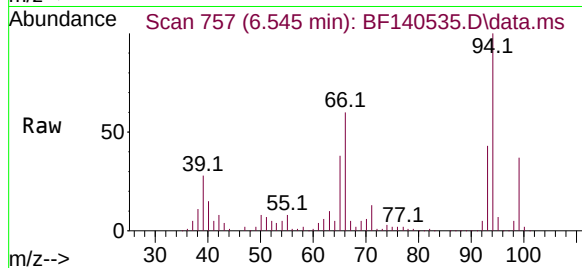




#10
Phenol
Concen: 71.609 ng
RT: 6.545 min Scan# 710
Delta R.T. 0.018 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

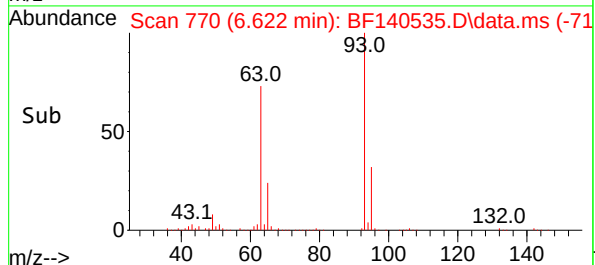
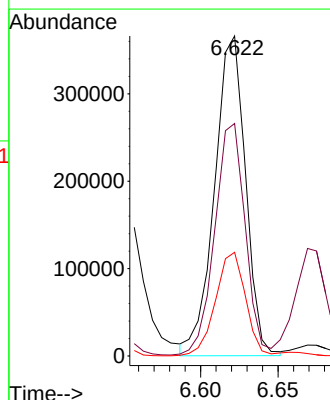
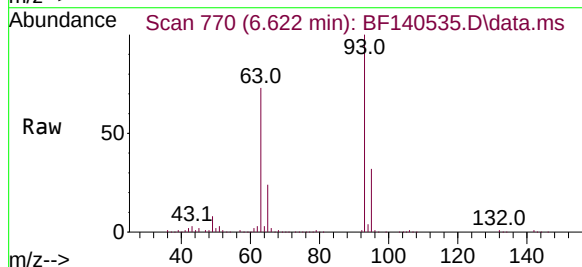
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

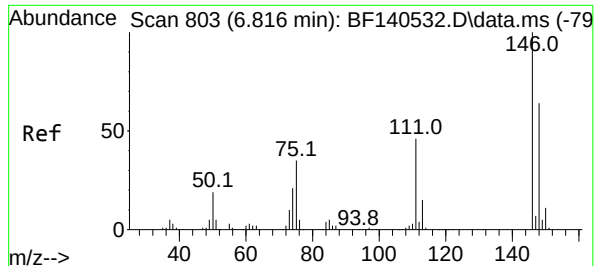
Tgt Ion: 94 Resp: 633910
Ion Ratio Lower Upper
94 100
65 38.3 17.2 57.2
66 59.9 39.2 79.2



#11
bis(2-Chloroethyl)ether
Concen: 75.160 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 93 Resp: 509142
Ion Ratio Lower Upper
93 100
63 72.6 52.8 92.8
95 32.4 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 72.737 ng

RT: 6.822 min Scan# 803

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

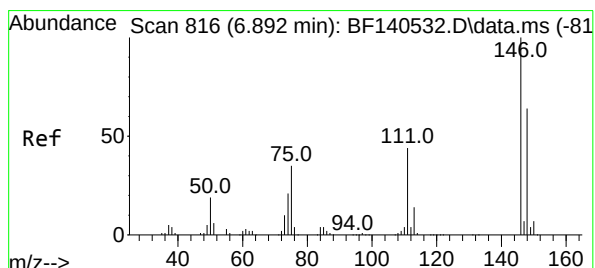
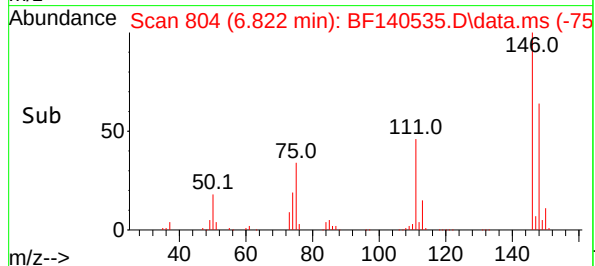
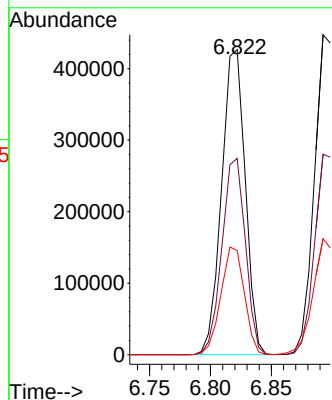
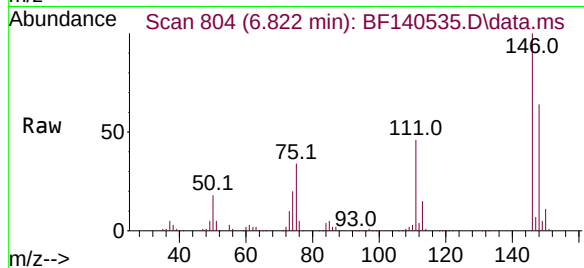
Tgt Ion:146 Resp: 576538

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

75 34.2 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 73.253 ng

RT: 6.893 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

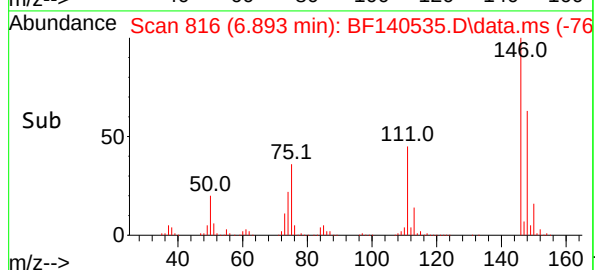
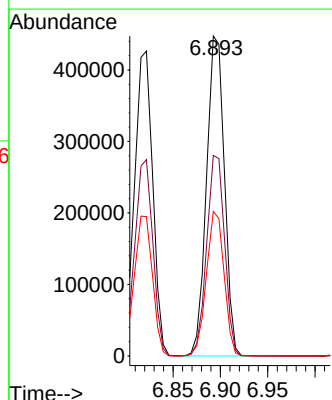
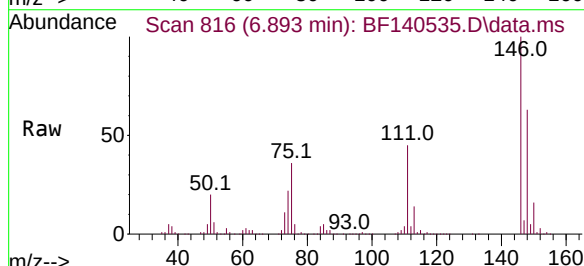
Tgt Ion:146 Resp: 587901

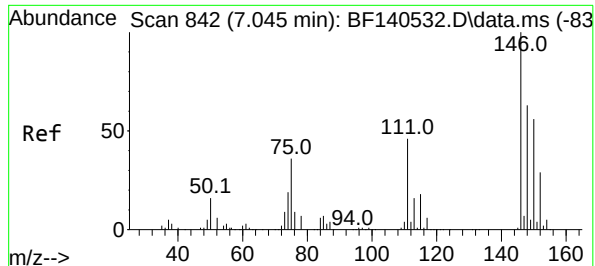
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

111 45.1 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 71.971 ng

RT: 7.051 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

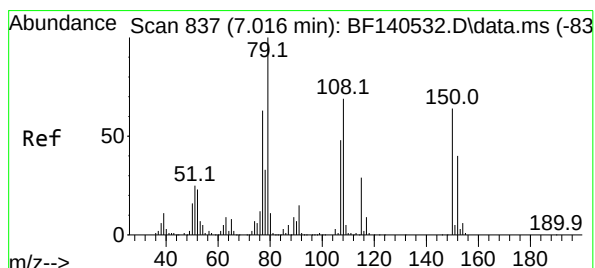
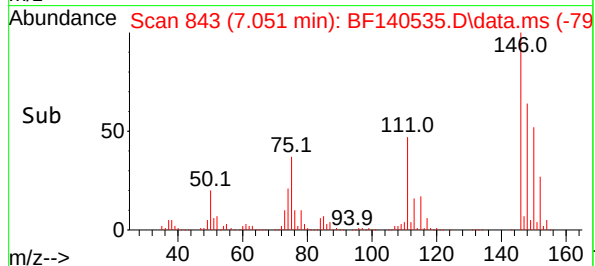
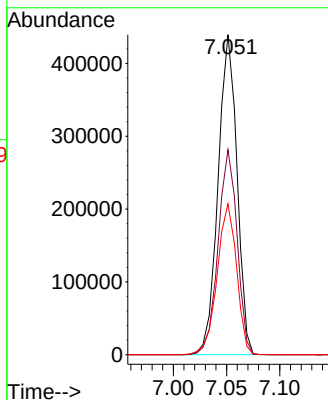
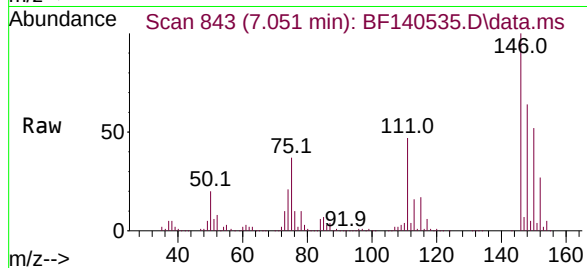
Tgt Ion:146 Resp: 541244

Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

111 47.1 36.7 55.1



#15

Benzyl Alcohol

Concen: 72.980 ng

RT: 7.028 min Scan# 839

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

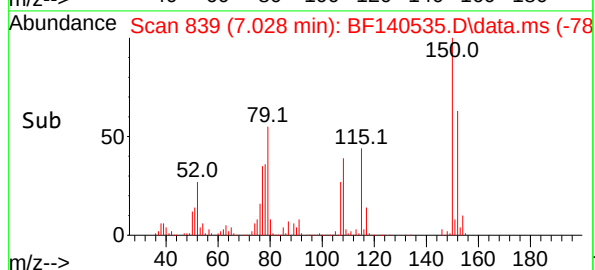
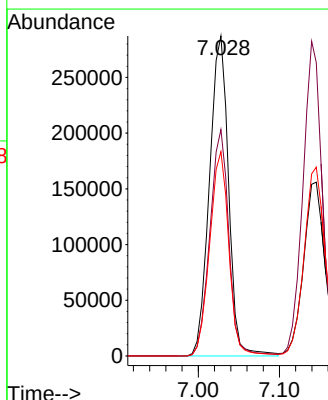
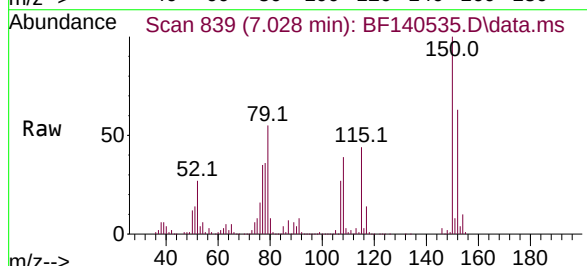
Tgt Ion: 79 Resp: 469135

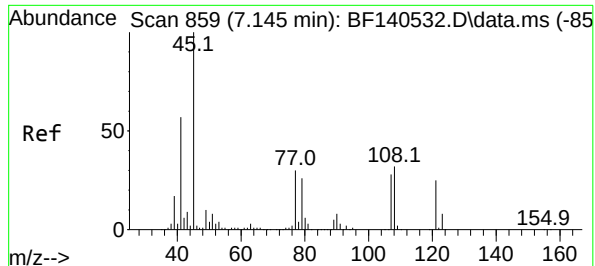
Ion Ratio Lower Upper

79 100

108 70.8 55.0 82.6

77 63.8 50.1 75.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.370 ng

RT: 7.151 min Scan# 8

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

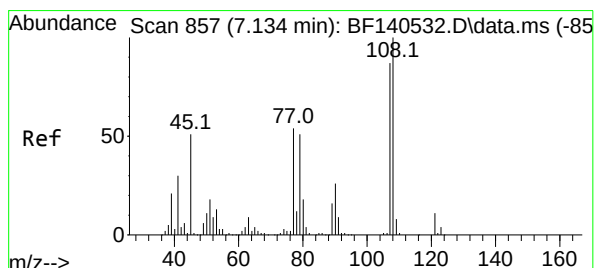
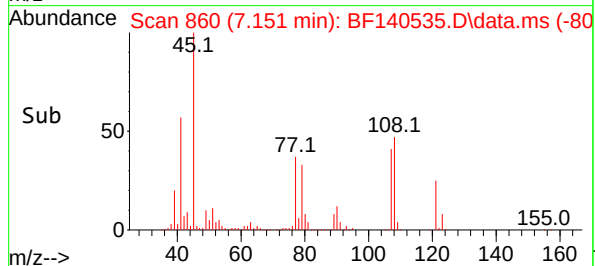
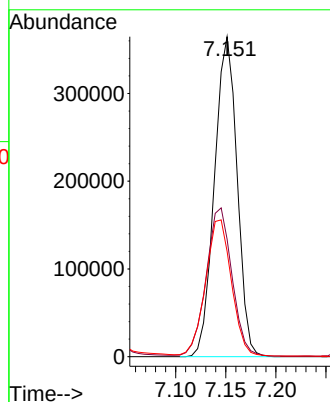
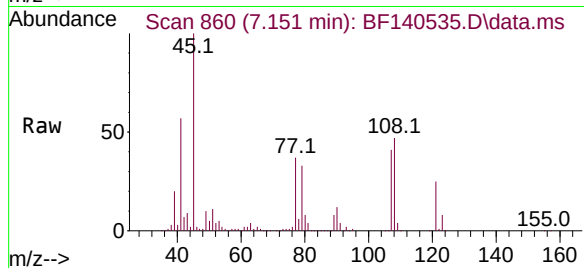
Tgt Ion: 45 Resp: 571163

Ion Ratio Lower Upper

45 100

77 36.8 10.7 50.7

79 32.9 7.0 47.0



#17

2-Methylphenol

Concen: 73.028 ng

RT: 7.140 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion:107 Resp: 412367

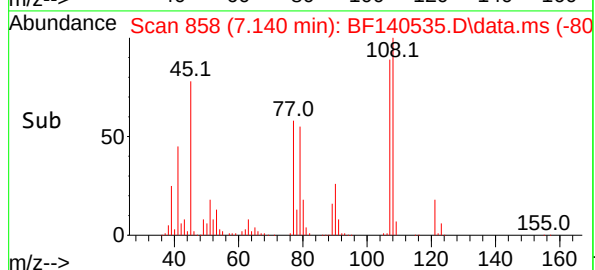
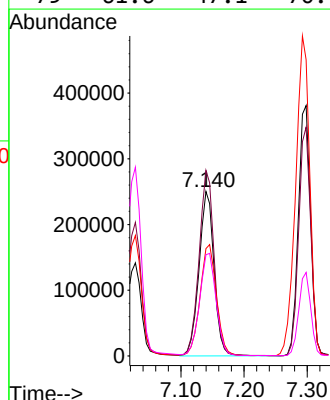
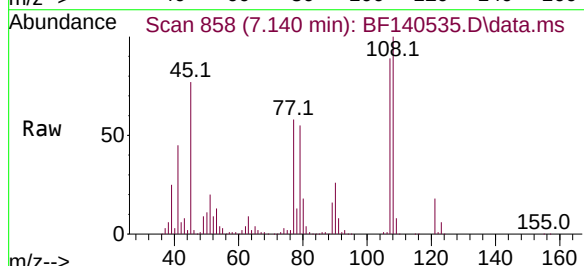
Ion Ratio Lower Upper

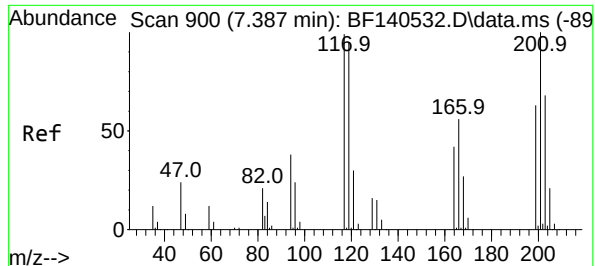
107 100

108 112.9 91.7 137.5

77 65.3 49.3 73.9

79 61.6 47.1 70.7





#18

Hexachloroethane

Concen: 74.489 ng

RT: 7.387 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

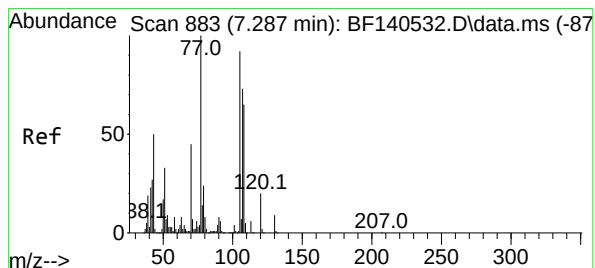
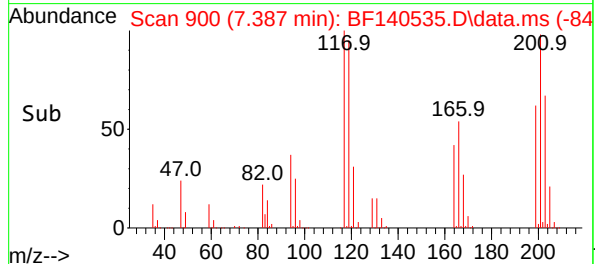
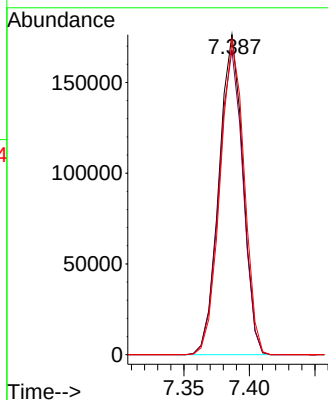
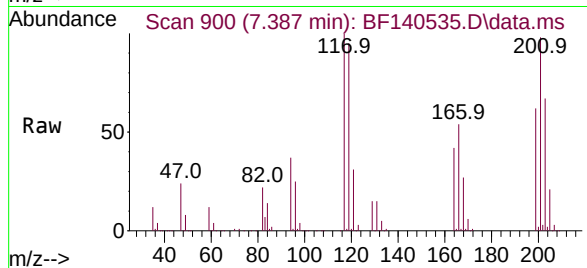
Tgt Ion:117 Resp: 223281

Ion Ratio Lower Upper

117 100

119 95.2 77.1 115.7

201 98.4 81.1 121.7



#19

n-Nitroso-di-n-propylamine

Concen: 72.370 ng

RT: 7.304 min Scan# 886

Delta R.T. 0.018 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion: 70 Resp: 370745

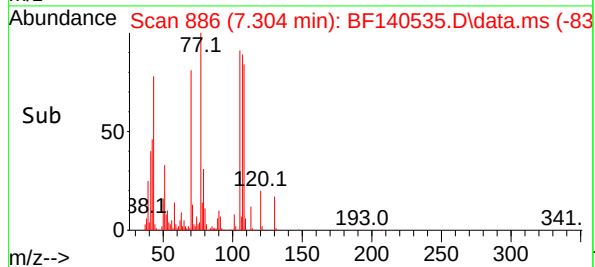
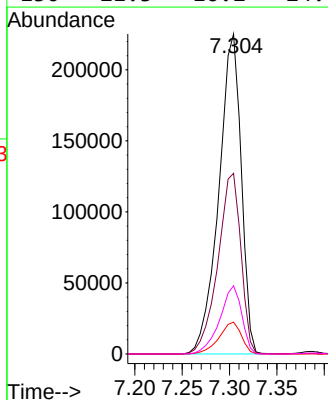
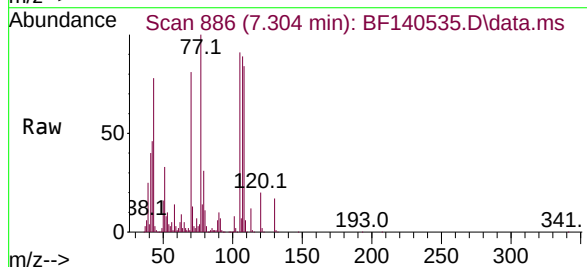
Ion Ratio Lower Upper

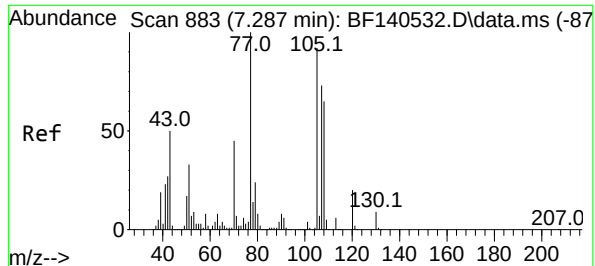
70 100

42 56.4 47.6 71.4

101 10.0 7.6 11.4

130 21.3 16.2 24.4

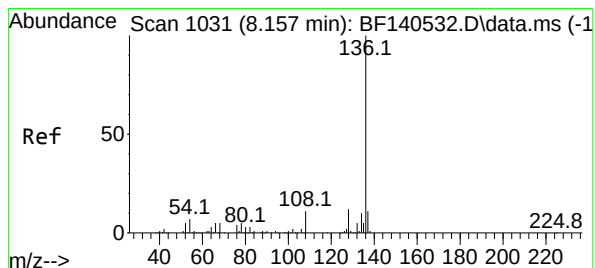
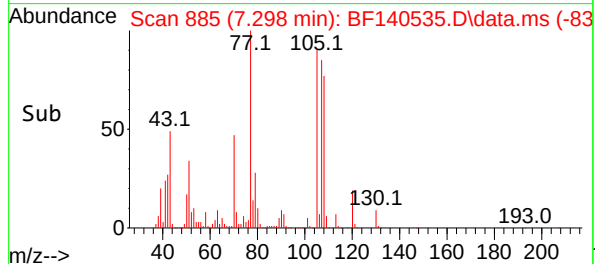
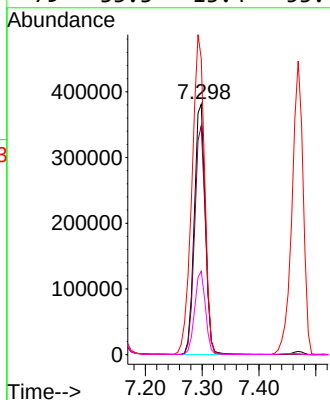
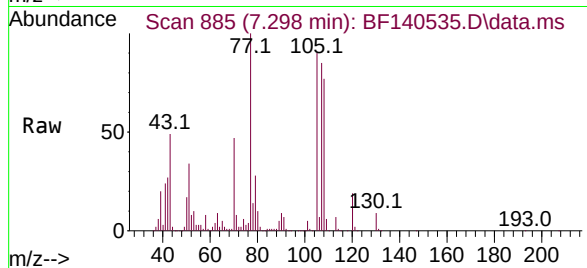




#20
3+4-Methylphenols
Concen: 71.155 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

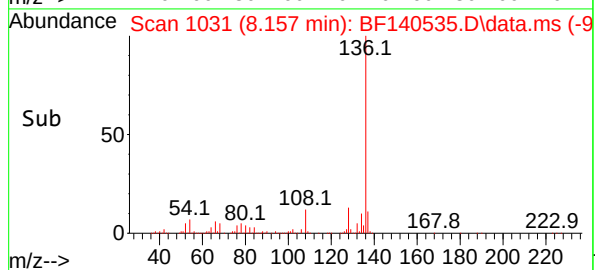
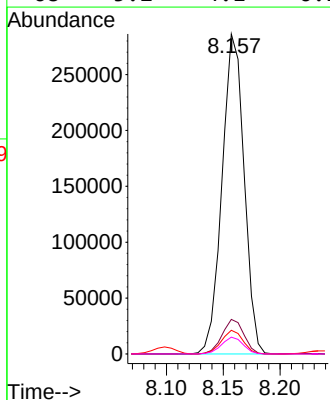
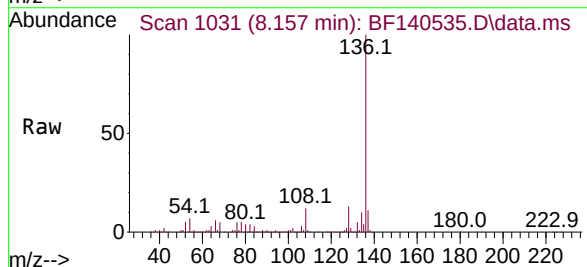
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

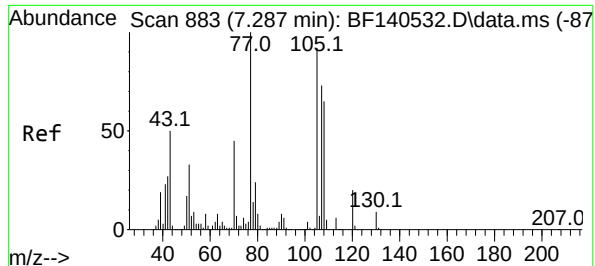
Tgt Ion:107 Resp: 516442
Ion Ratio Lower Upper
107 100
108 91.3 69.9 109.9
77 118.2 117.7 157.7
79 33.3 13.4 53.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:136 Resp: 386311
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.4 5.8 8.8
68 5.2 4.1 6.1





#22

Acetophenone

Concen: 76.727 ng

RT: 7.292 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140535.D

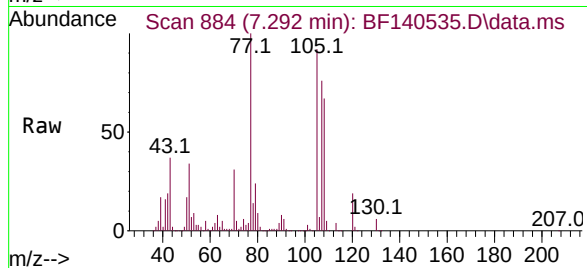
Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:105 Resp: 722622

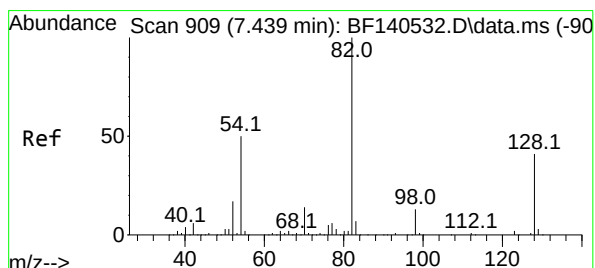
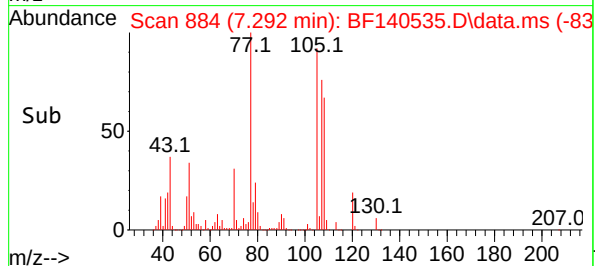
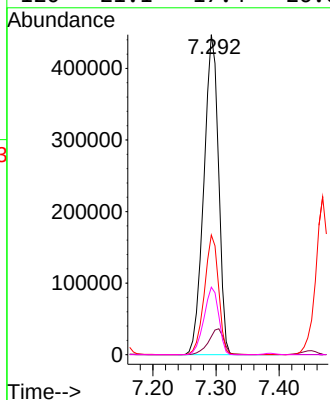
Ion Ratio Lower Upper

105 100

71 5.6 6.2 9.2#

51 37.4 29.0 43.6

120 21.1 17.4 26.0



#23

Nitrobenzene-d5

Concen: 156.830 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

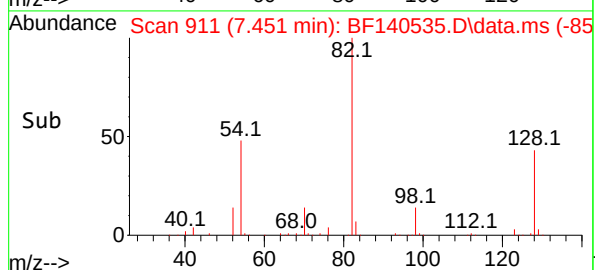
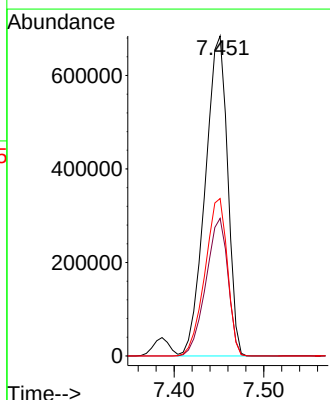
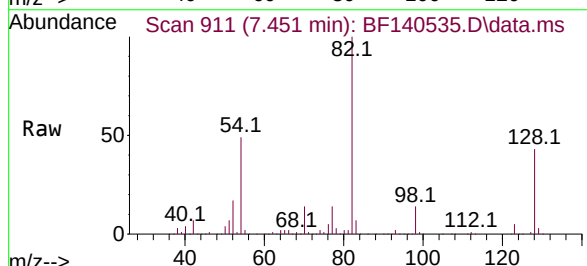
Tgt Ion: 82 Resp: 1184453

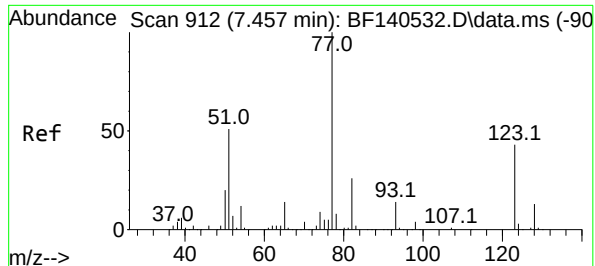
Ion Ratio Lower Upper

82 100

128 43.0 33.0 49.4

54 49.2 39.5 59.3

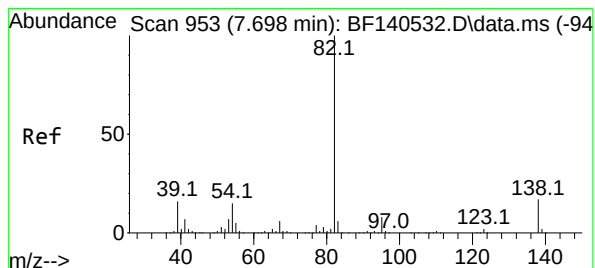
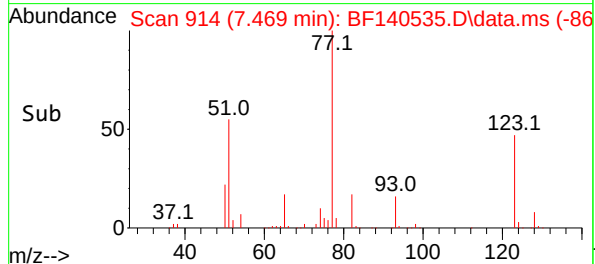
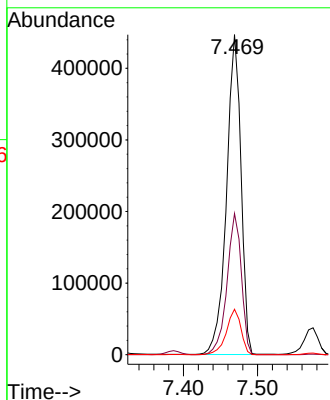
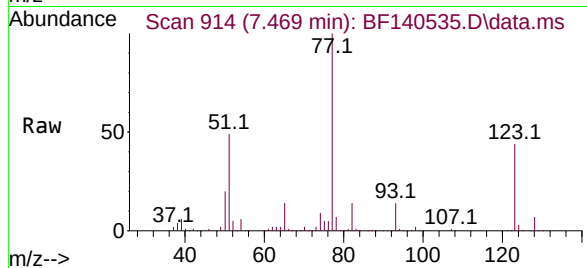




#24
Nitrobenzene
Concen: 77.534 ng
RT: 7.469 min Scan# 912
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

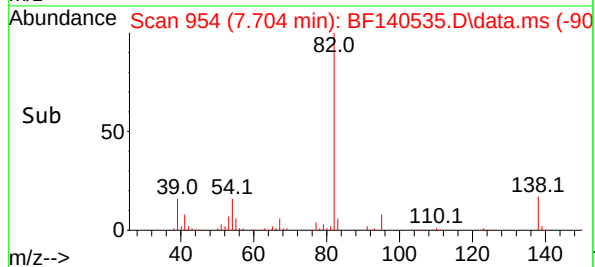
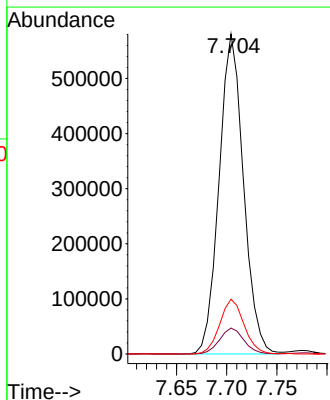
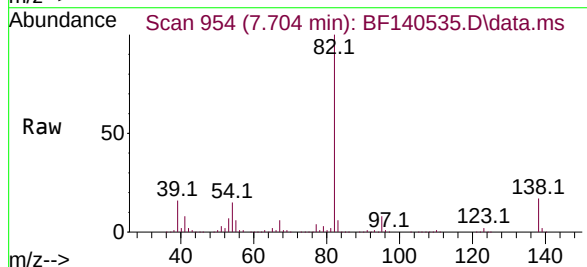
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

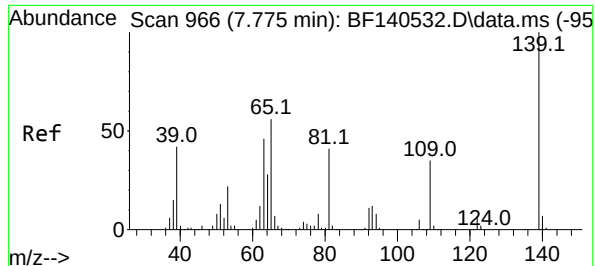
Tgt Ion: 77 Resp: 605207
Ion Ratio Lower Upper
77 100
123 44.1 34.3 51.5
65 14.2 11.2 16.8



#25
Isophorone
Concen: 77.937 ng
RT: 7.704 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 82 Resp: 981772
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.1 13.8 20.6





#26

2-Nitrophenol

Concen: 80.298 ng

RT: 7.775 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

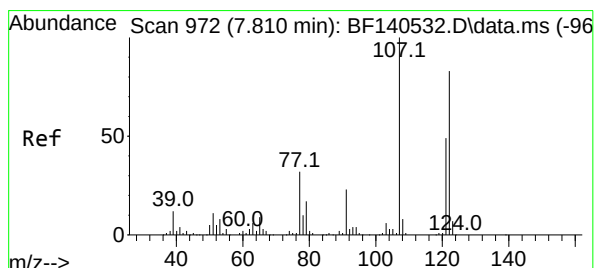
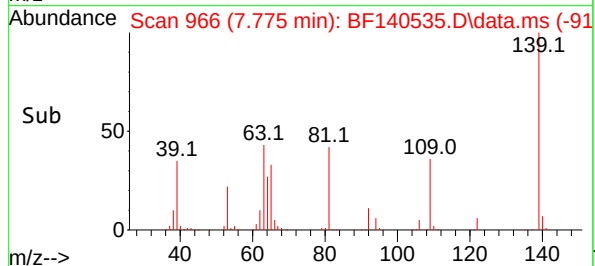
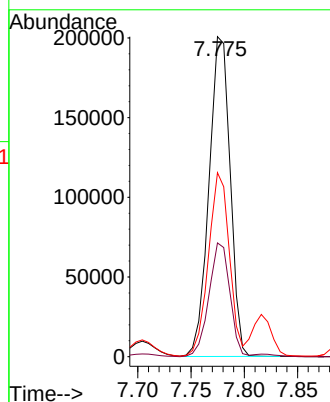
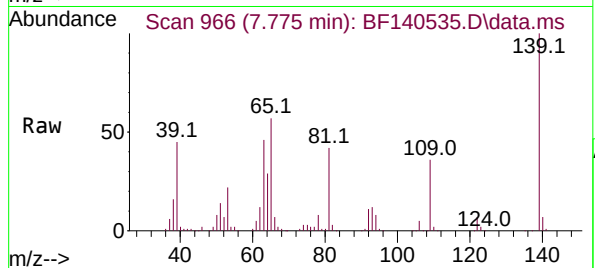
Tgt Ion:139 Resp: 277762

Ion Ratio Lower Upper

139 100

109 35.5 28.0 42.0

65 57.5 44.6 67.0



#27

2,4-Dimethylphenol

Concen: 81.241 ng

RT: 7.816 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

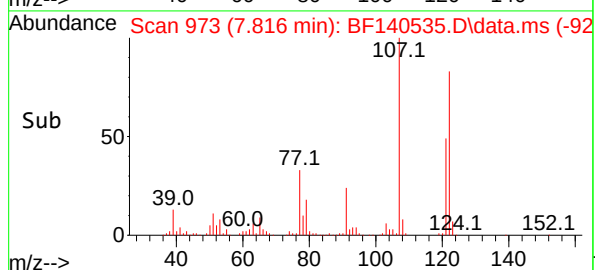
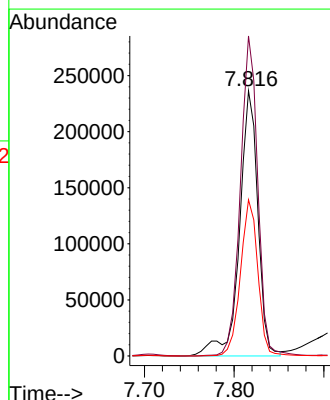
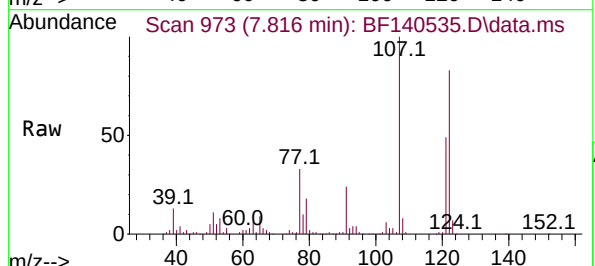
Tgt Ion:122 Resp: 336239

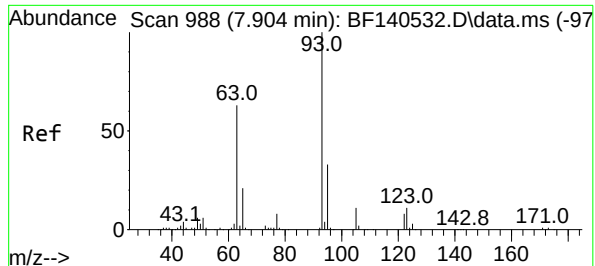
Ion Ratio Lower Upper

122 100

107 120.7 96.8 145.2

121 58.9 47.4 71.0





#28

bis(2-Chloroethoxy)methane

Concen: 77.128 ng

RT: 7.904 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

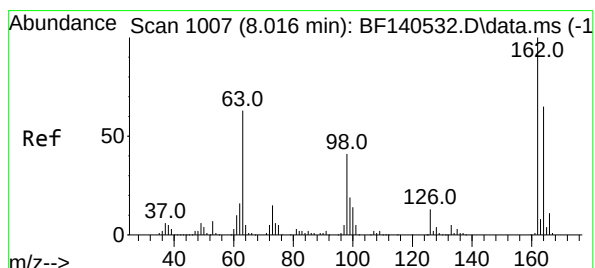
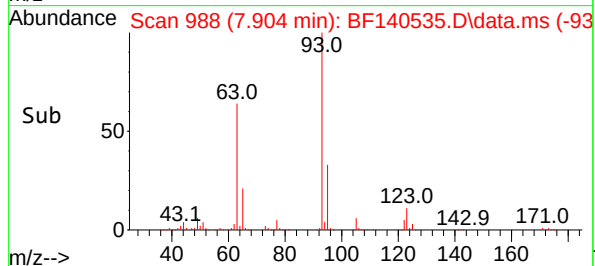
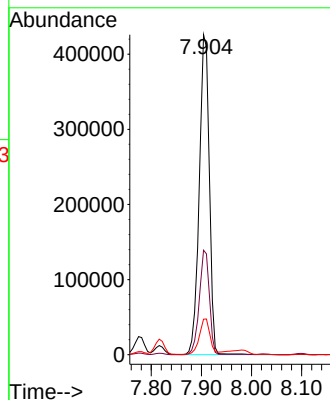
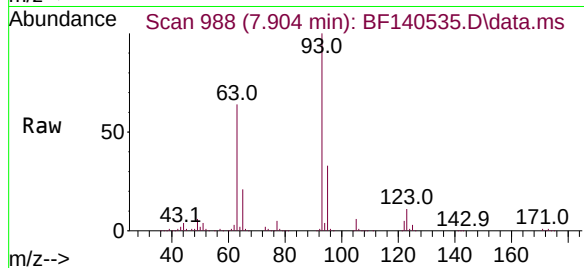
Tgt Ion: 93 Resp: 591884

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.1 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 76.344 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

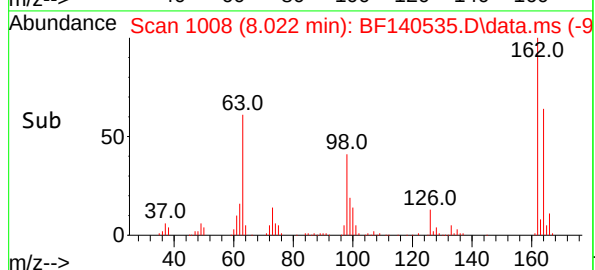
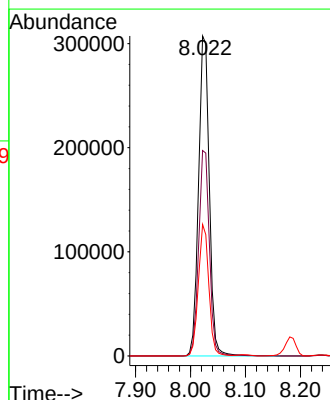
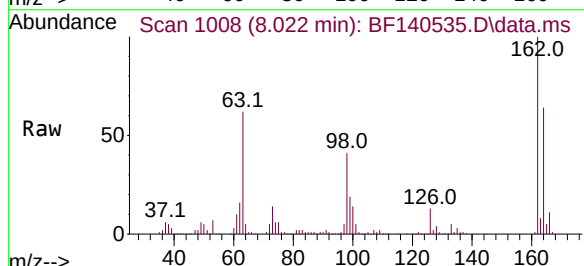
Tgt Ion: 162 Resp: 418686

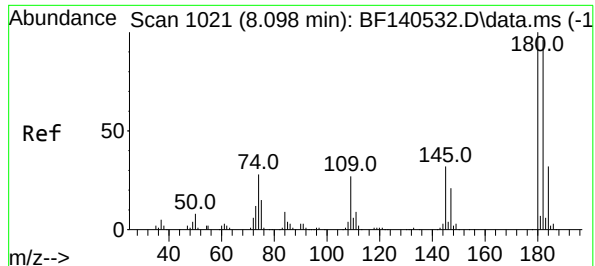
Ion Ratio Lower Upper

162 100

164 64.2 44.8 84.8

98 41.1 21.2 61.2





#30

1,2,4-Trichlorobenzene

Concen: 76.997 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

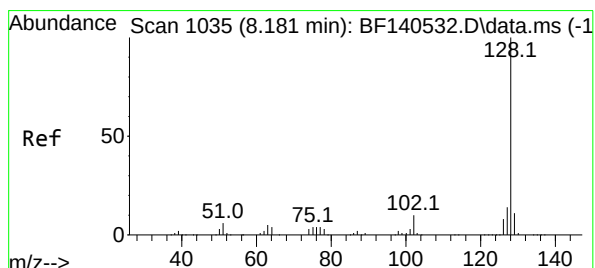
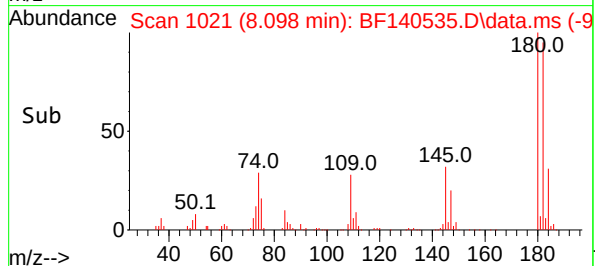
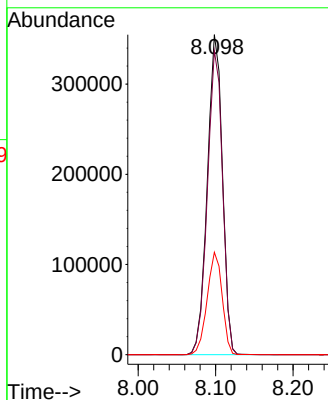
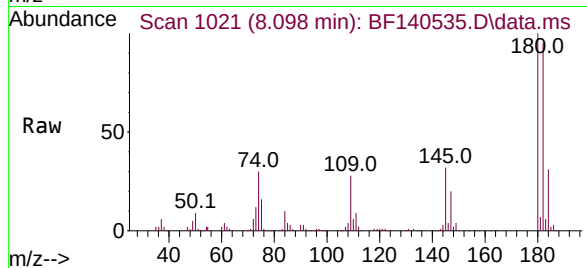
Tgt Ion:180 Resp: 482134

Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 32.0 25.9 38.9



#31

Naphthalene

Concen: 75.309 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

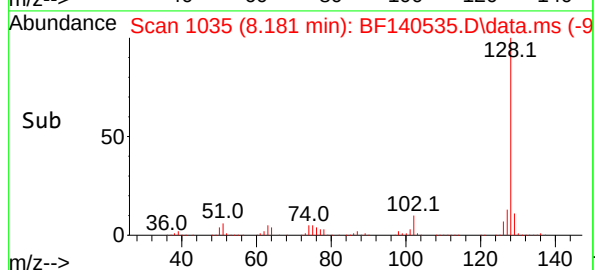
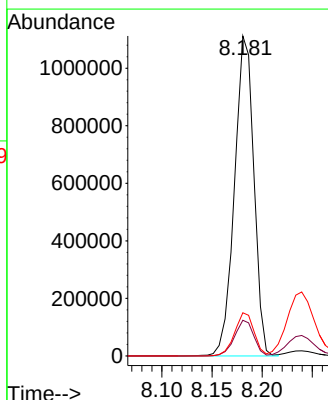
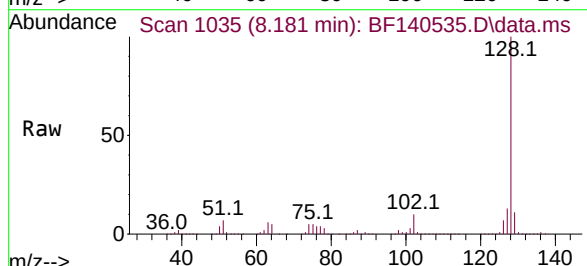
Tgt Ion:128 Resp: 1498520

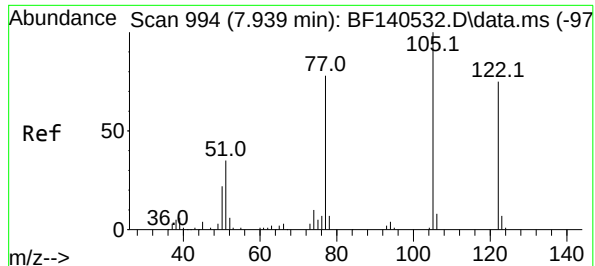
Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.5 10.8 16.2





#32

Benzoic acid

Concen: 81.021 ng

RT: 7.981 min Scan# 1001

Delta R.T. 0.042 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

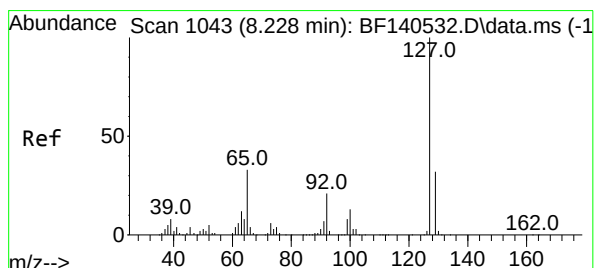
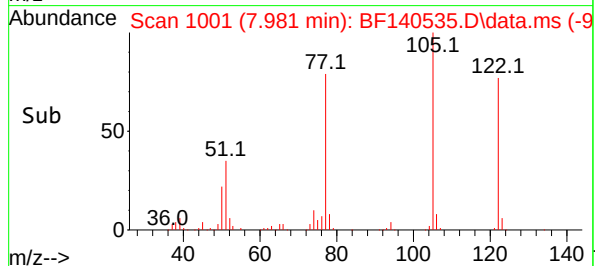
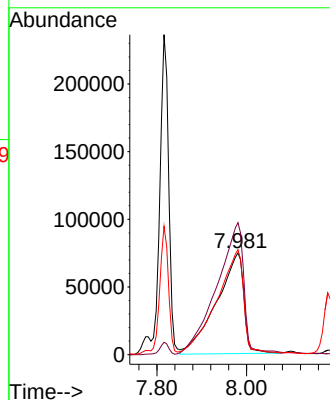
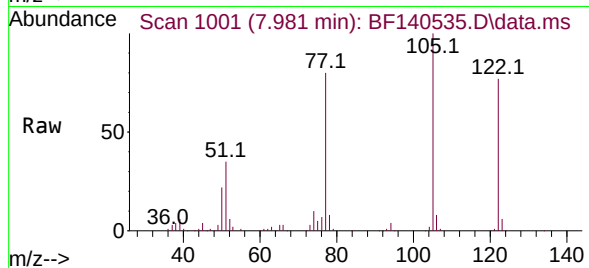
Tgt Ion:122 Resp: 312770

Ion Ratio Lower Upper

122 100

105 129.8 109.3 149.3

77 103.3 82.3 122.3



#33

4-Chloroaniline

Concen: 74.901 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion:127 Resp: 446235

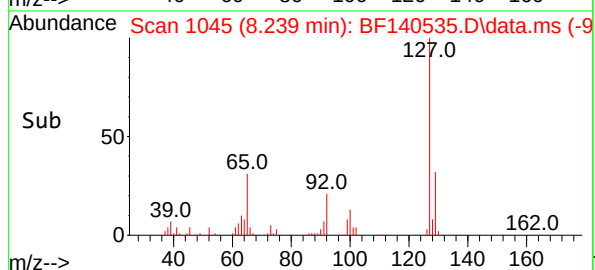
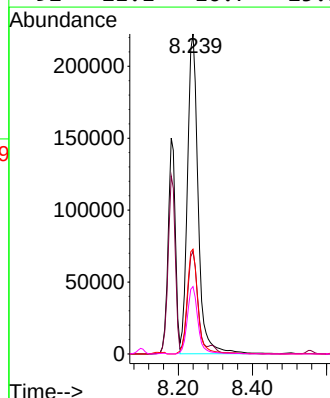
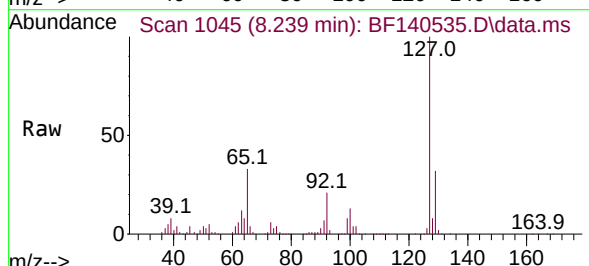
Ion Ratio Lower Upper

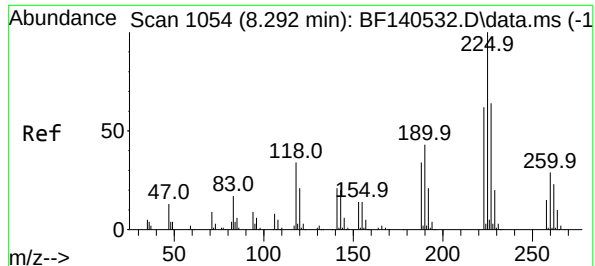
127 100

129 32.1 26.0 39.0

65 32.7 26.0 39.0

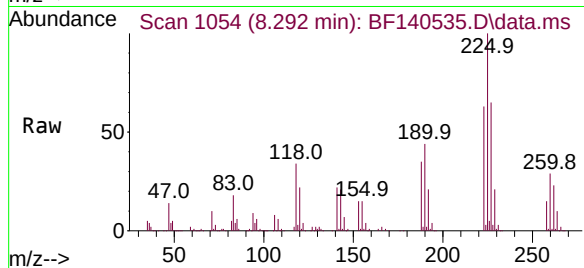
92 21.1 16.7 25.1



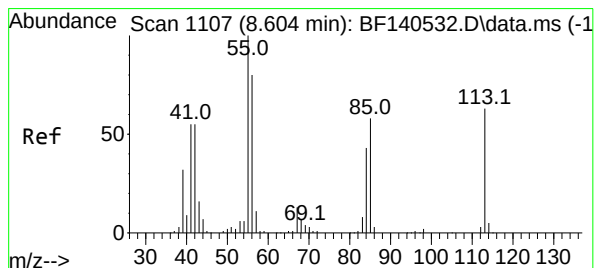
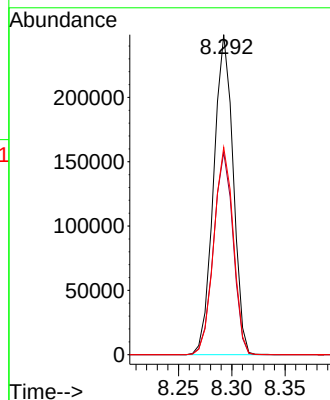
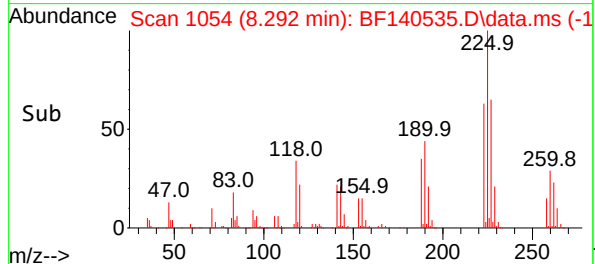


#34
Hexachlorobutadiene
Concen: 76.179 ng
RT: 8.292 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

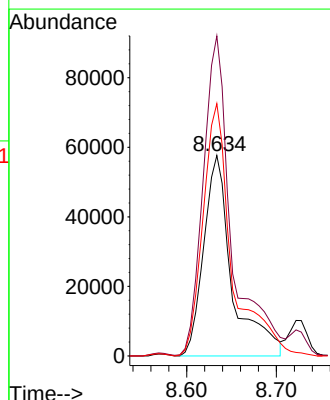
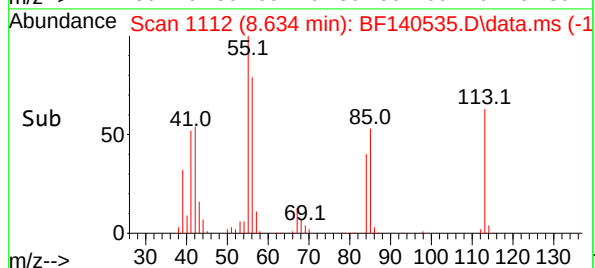
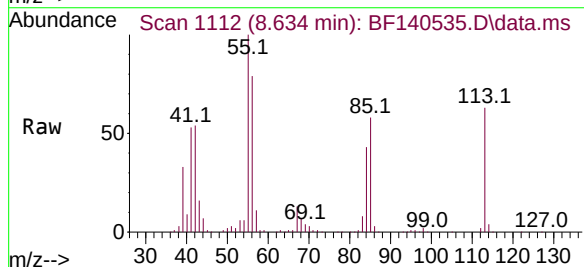


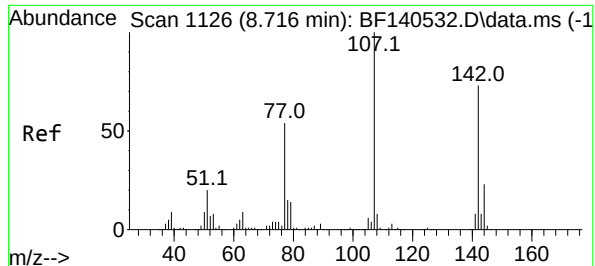
Tgt Ion:225 Resp: 315951
Ion Ratio Lower Upper
225 100
223 63.3 49.8 74.8
227 64.8 51.3 76.9



#35
Caprolactam
Concen: 75.207 ng
RT: 8.634 min Scan# 1112
Delta R.T. 0.029 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:113 Resp: 127641
Ion Ratio Lower Upper
113 100
55 159.6 137.7 177.7
56 125.9 106.4 146.4

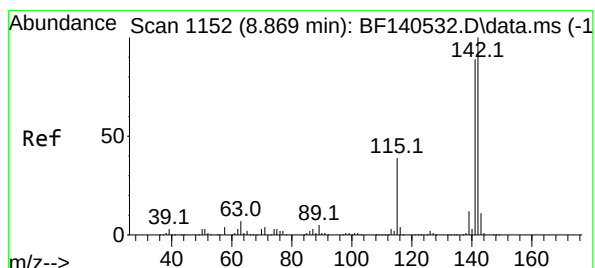
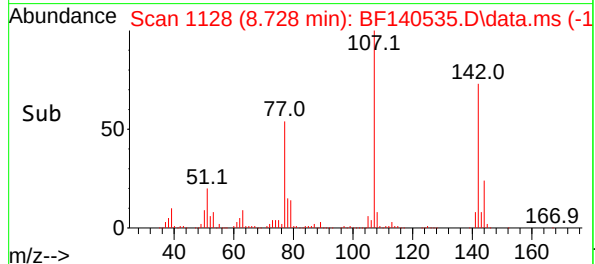
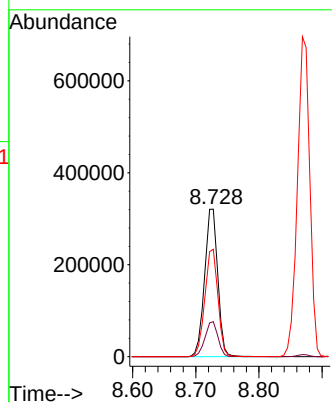
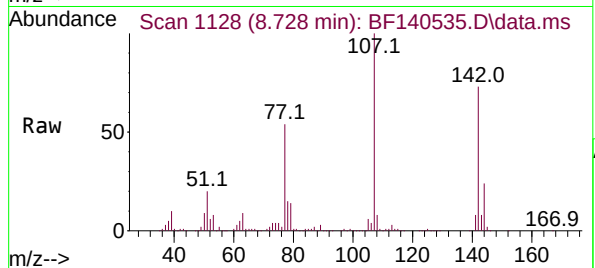




#36
4-Chloro-3-methylphenol
Concen: 75.759 ng
RT: 8.728 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

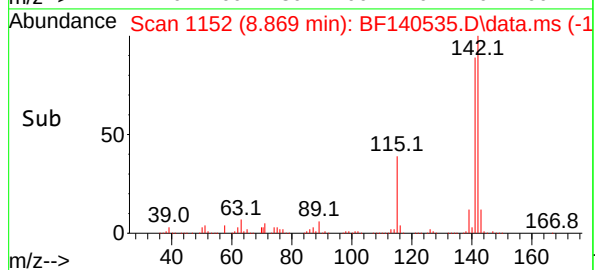
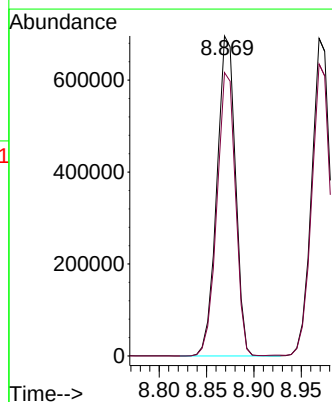
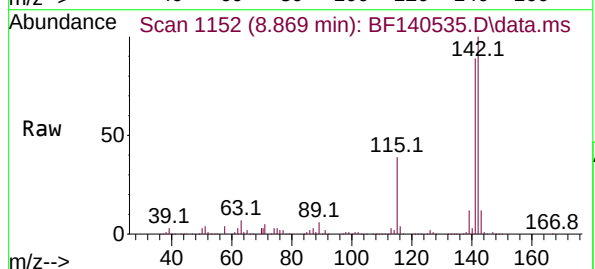
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

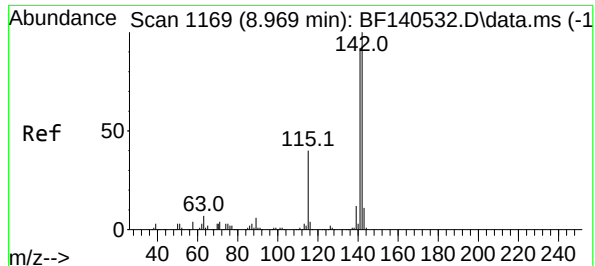
Tgt Ion:107 Resp: 465184
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 72.8 58.3 87.5



#37
2-Methylnaphthalene
Concen: 75.136 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:142 Resp: 949611
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6

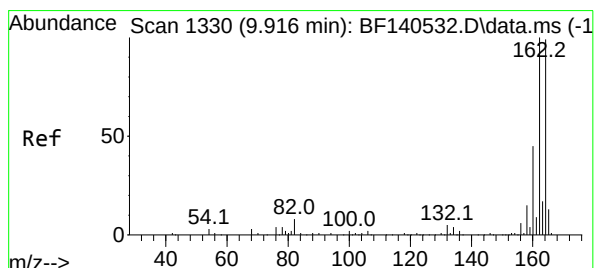
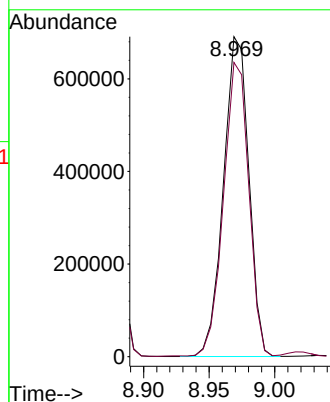
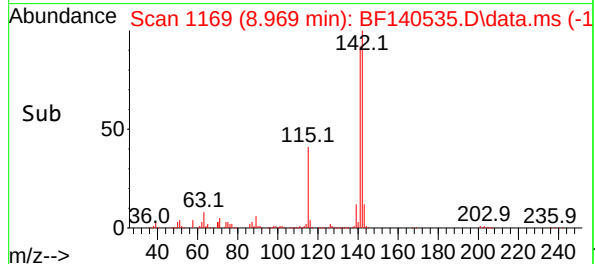
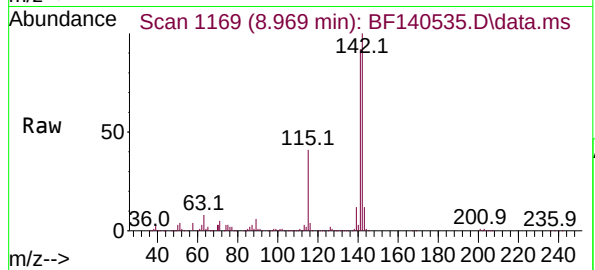




#38
1-Methylnaphthalene
Concen: 74.987 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

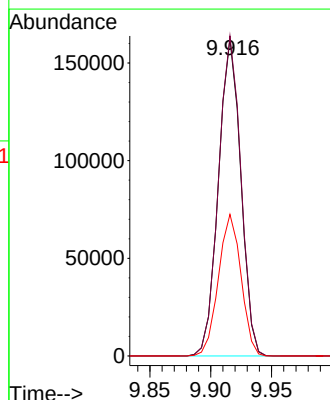
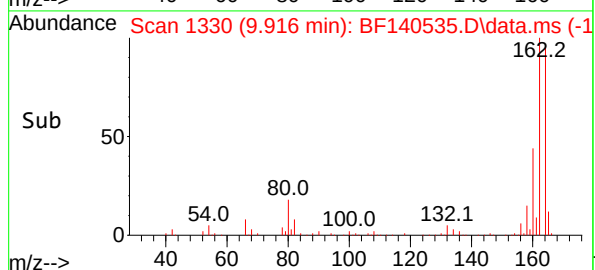
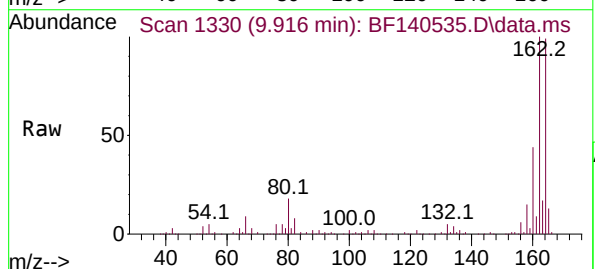
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

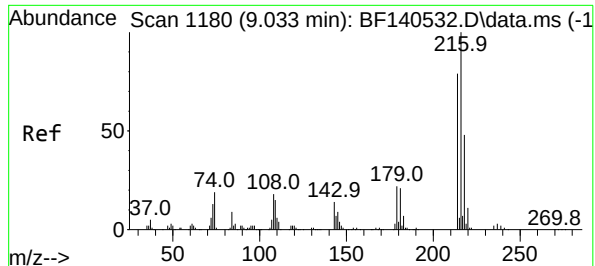
Tgt Ion:142 Resp: 928964
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:164 Resp: 207499
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.7 36.2 54.4

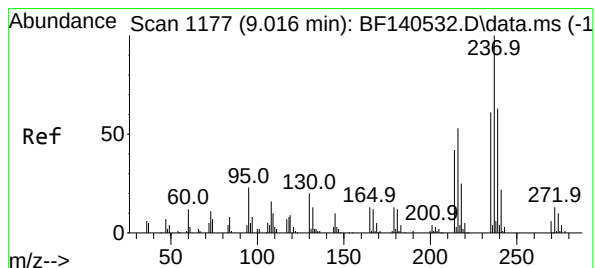
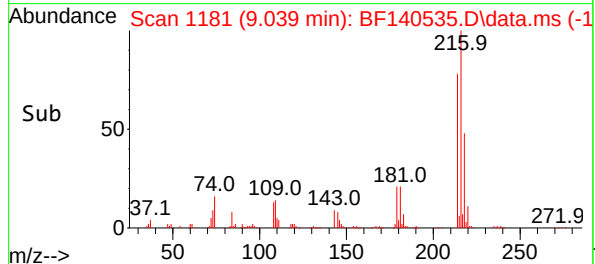
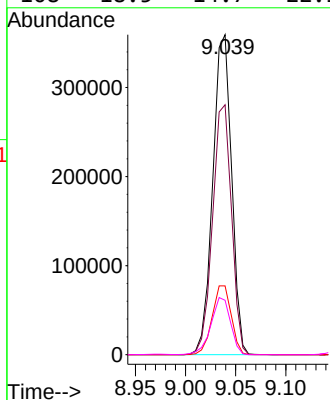
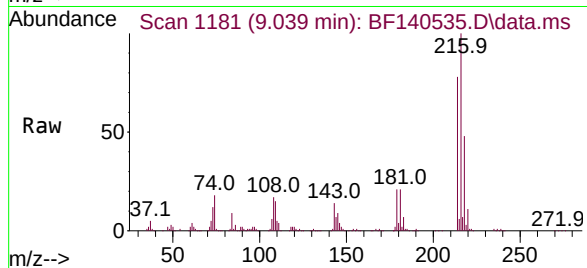




#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.147 ng
RT: 9.039 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

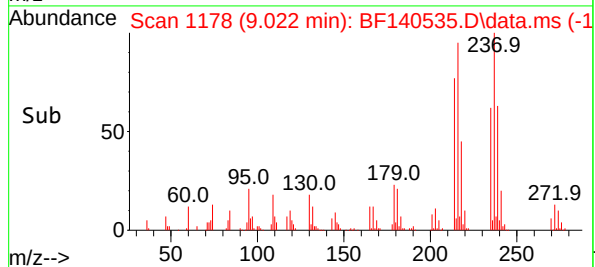
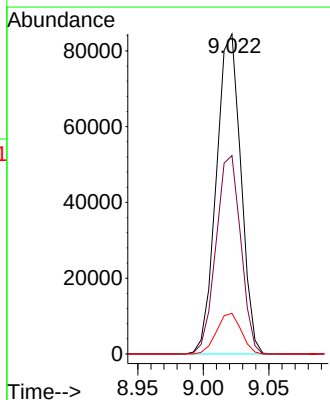
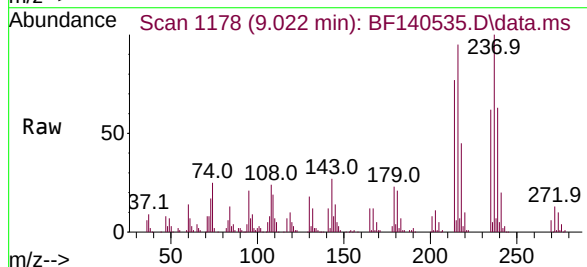
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

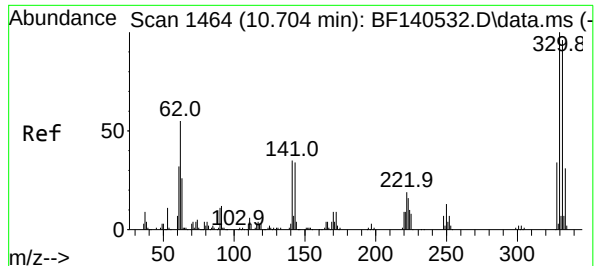
Tgt Ion:216 Resp: 468632
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.9 17.5 26.3
108 18.5 14.7 22.1



#41
Hexachlorocyclopentadiene
Concen: 80.520 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:237 Resp: 110015
Ion Ratio Lower Upper
237 100
235 62.0 41.1 81.1
272 12.7 0.0 32.6





#42

2,4,6-Tribromophenol

Concen: 157.926 ng

RT: 10.710 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

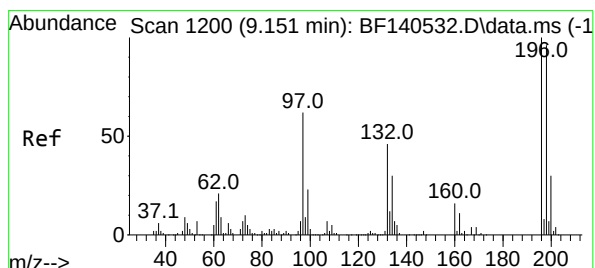
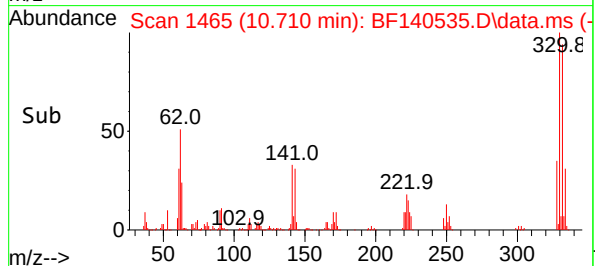
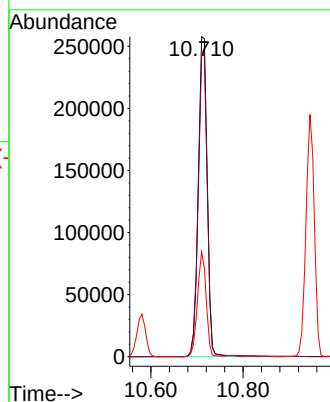
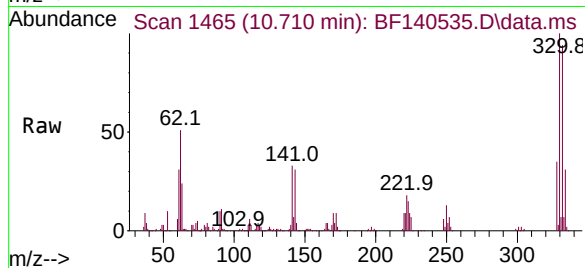
Tgt Ion:330 Resp: 350473

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

141 31.4 26.7 40.1



#43

2,4,6-Trichlorophenol

Concen: 79.446 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

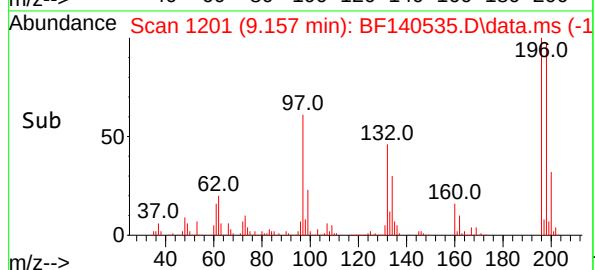
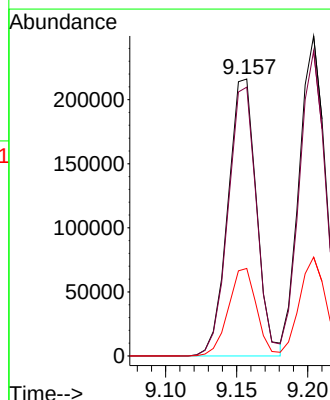
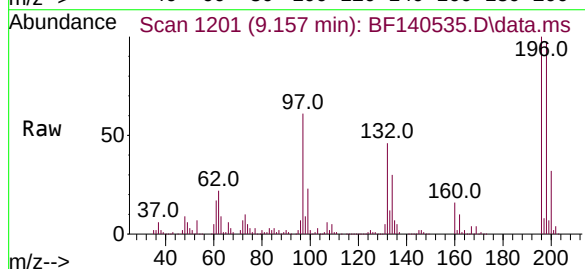
Tgt Ion:196 Resp: 302826

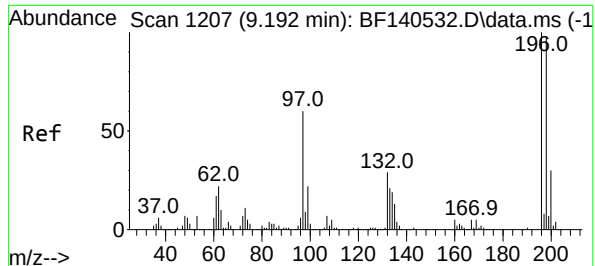
Ion Ratio Lower Upper

196 100

198 97.0 76.8 115.2

200 31.6 24.3 36.5

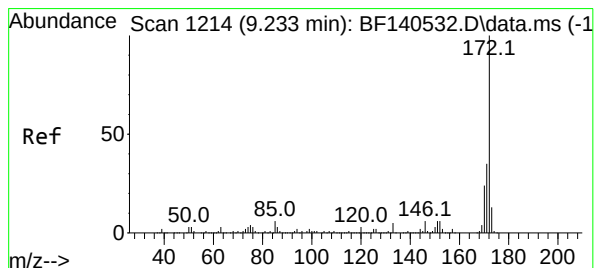
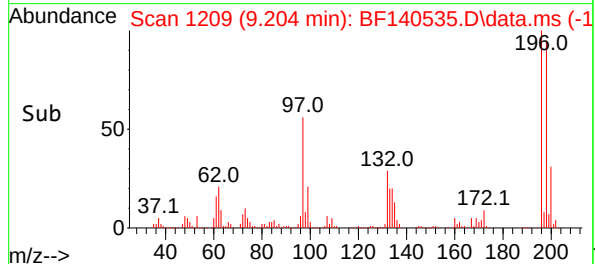
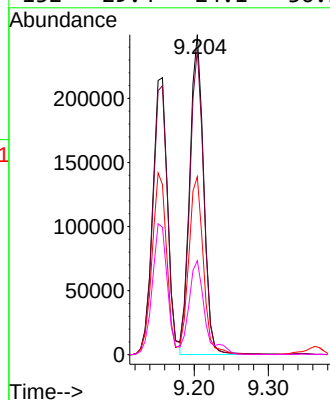
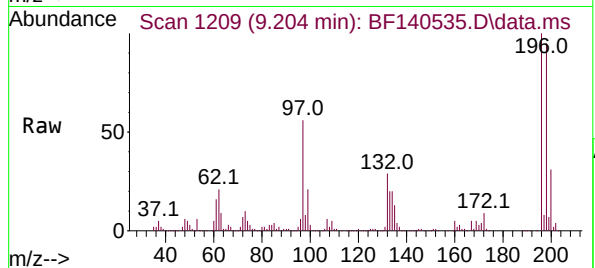




#44
2,4,5-Trichlorophenol
Concen: 78.696 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

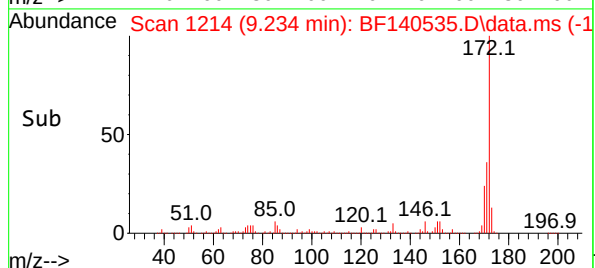
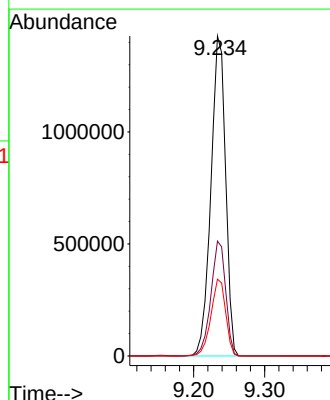
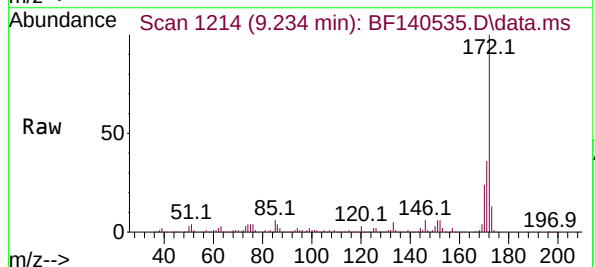
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

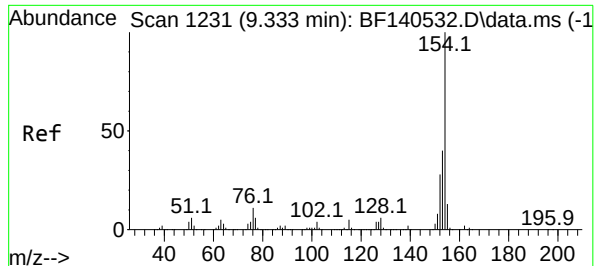
Tgt Ion:196 Resp: 325549
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 55.6 47.1 70.7
132 29.4 24.1 36.1



#45
2-Fluorobiphenyl
Concen: 147.236 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:172 Resp: 2050501
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.0 19.0 28.6

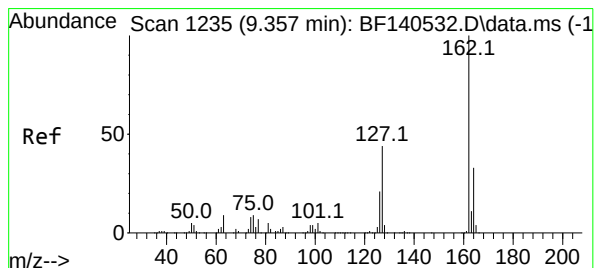
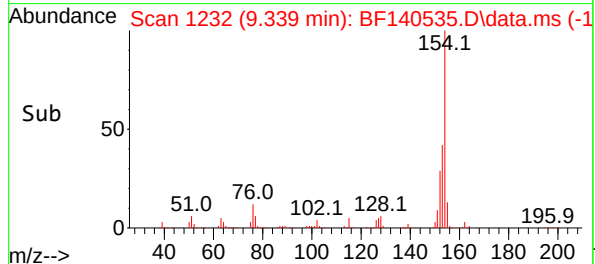
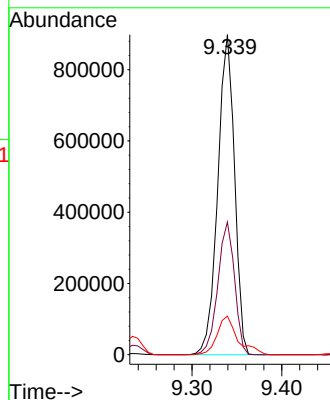
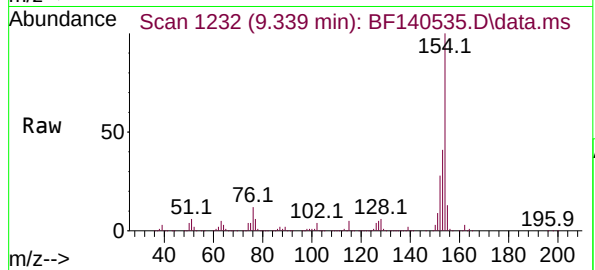




#46
1,1'-Biphenyl
Concen: 75.141 ng
RT: 9.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

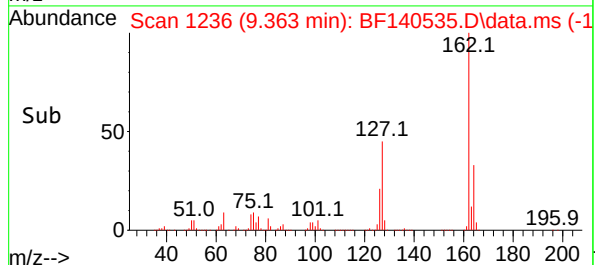
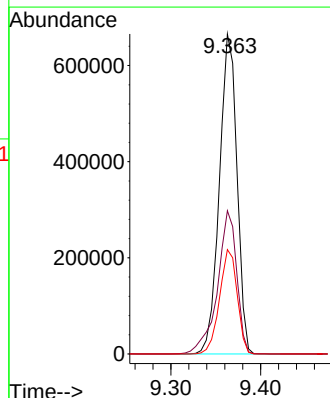
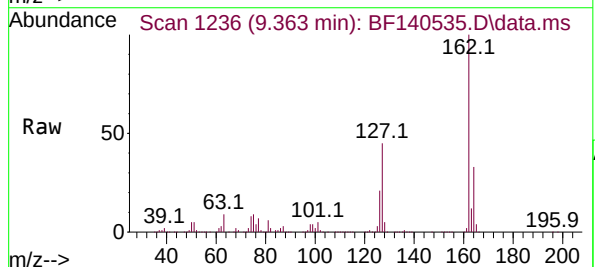
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

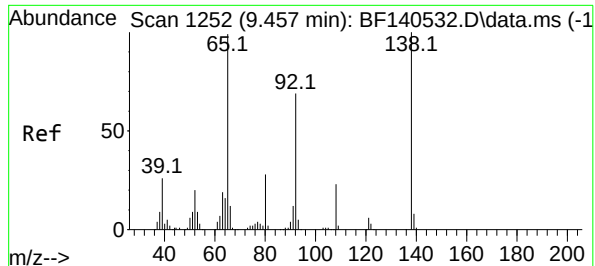
Tgt Ion:154 Resp: 1164092
Ion Ratio Lower Upper
154 100
153 41.5 20.4 60.4
76 12.1 0.0 31.2



#47
2-Chloronaphthalene
Concen: 77.151 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:162 Resp: 905645
Ion Ratio Lower Upper
162 100
127 44.7 35.7 53.5
164 32.6 26.1 39.1

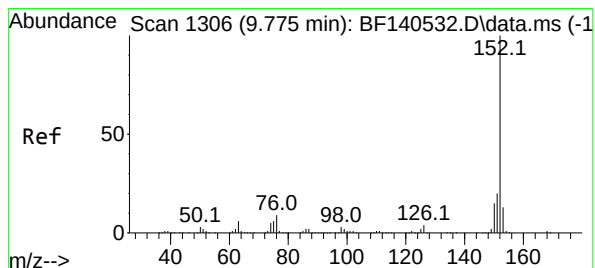
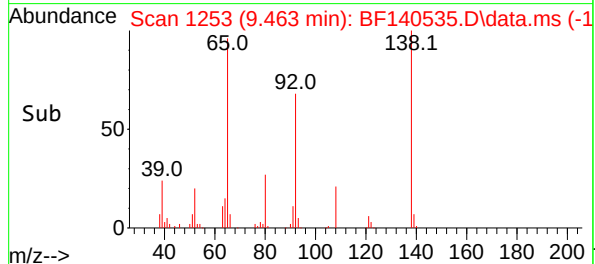
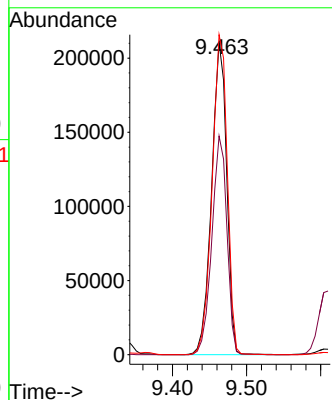
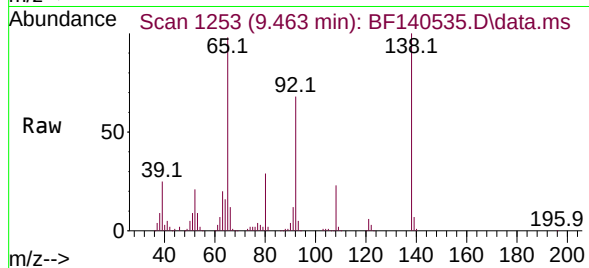




#48
2-Nitroaniline
Concen: 79.040 ng
RT: 9.463 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

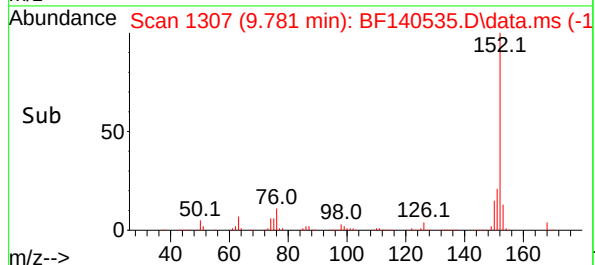
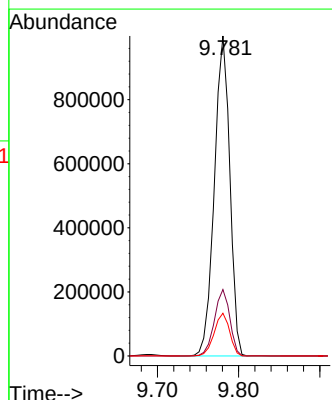
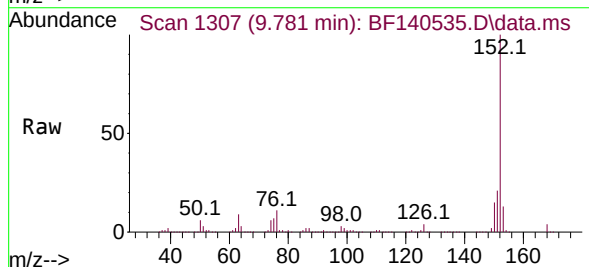
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

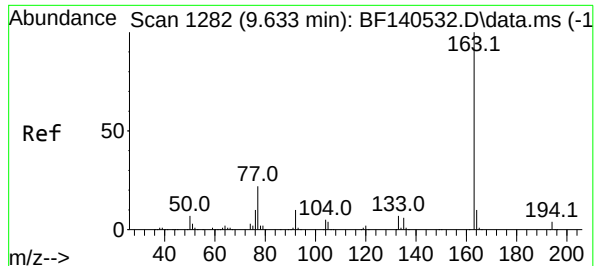
Tgt Ion: 65 Resp: 297813
Ion Ratio Lower Upper
65 100
92 70.1 56.1 84.1
138 102.5 81.0 121.6



#49
Acenaphthylene
Concen: 74.411 ng
RT: 9.781 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 152 Resp: 1319777
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.4 10.6 16.0

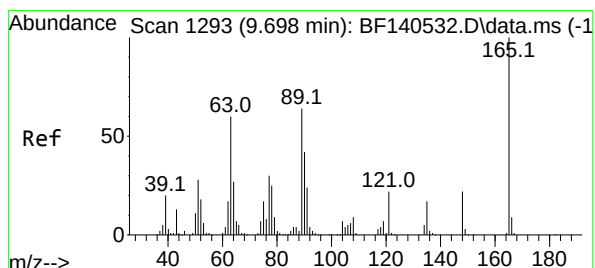
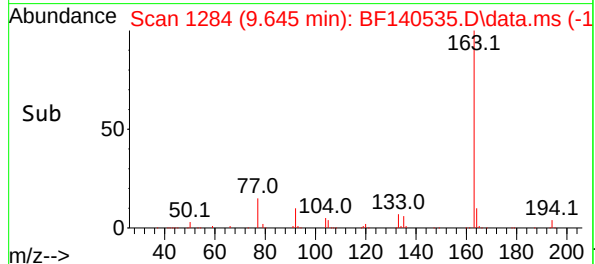
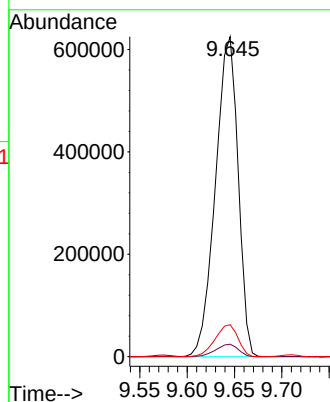
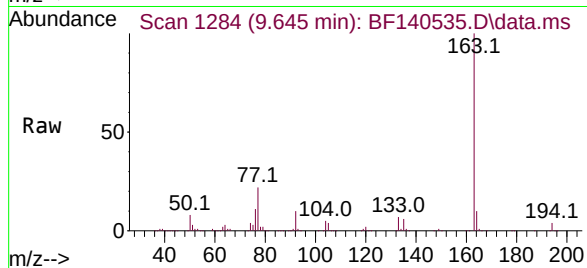




#50
Dimethylphthalate
Concen: 76.177 ng
RT: 9.645 min Scan# 1282
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

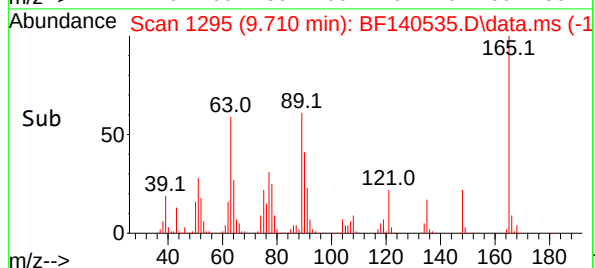
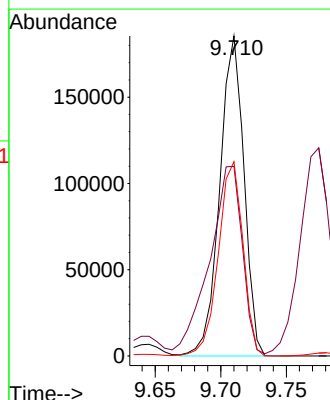
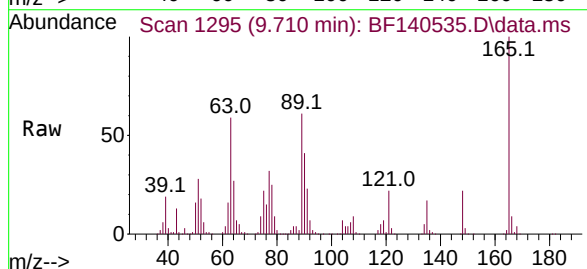
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

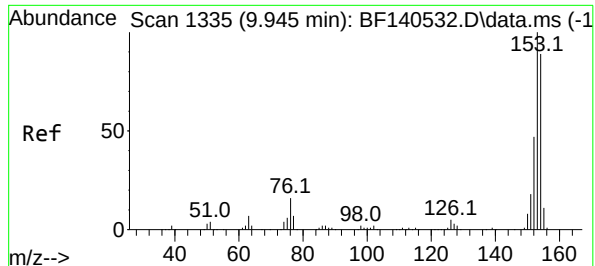
Tgt Ion:163 Resp: 1041011
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 76.693 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

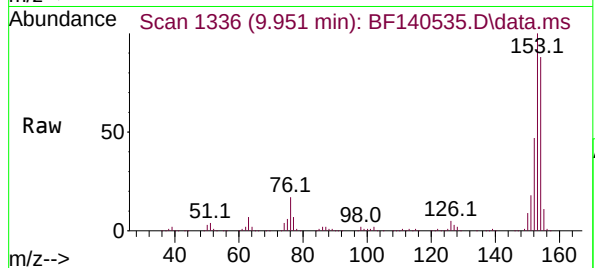
Tgt Ion:165 Resp: 237697
Ion Ratio Lower Upper
165 100
63 59.3 49.9 74.9
89 60.7 50.9 76.3



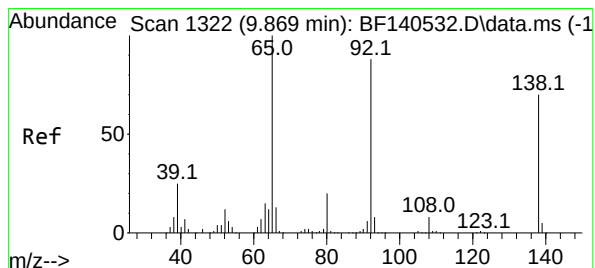
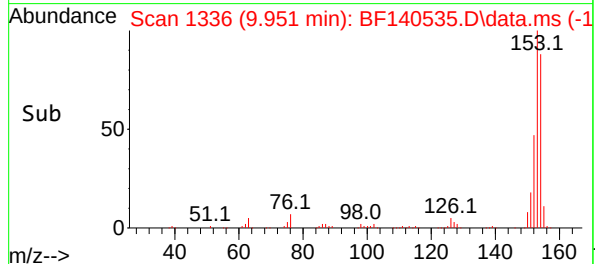
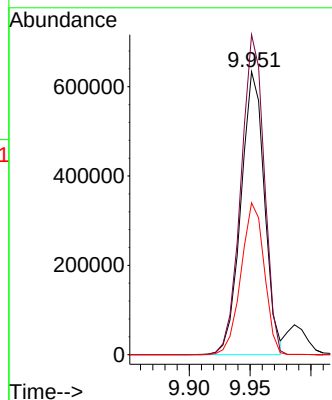


#52
Acenaphthene
Concen: 74.130 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

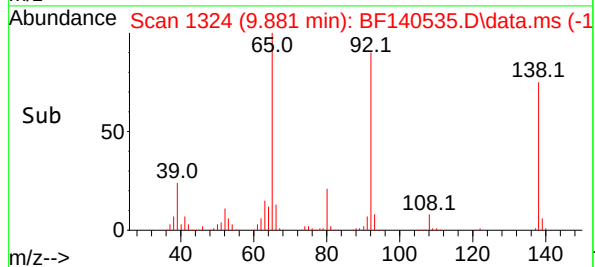
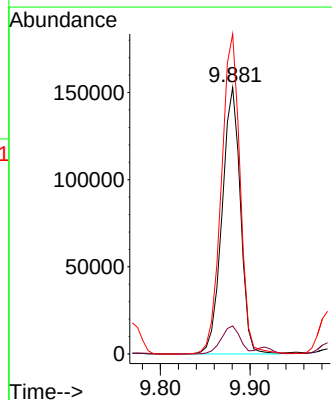
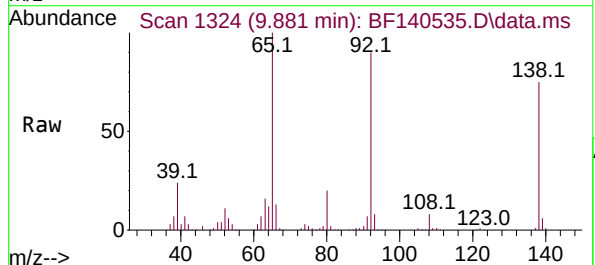


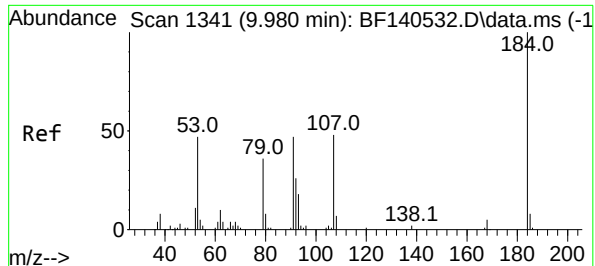
Tgt Ion:154 Resp: 851353
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.7 42.5 63.7



#53
3-Nitroaniline
Concen: 71.627 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:138 Resp: 217122
Ion Ratio Lower Upper
138 100
108 10.5 9.2 13.8
92 120.0 100.6 150.8





#54

2,4-Dinitrophenol

Concen: 79.725 ng

RT: 9.986 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

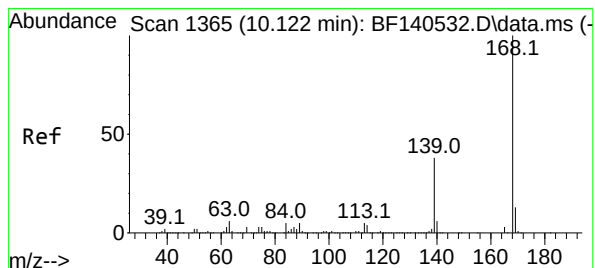
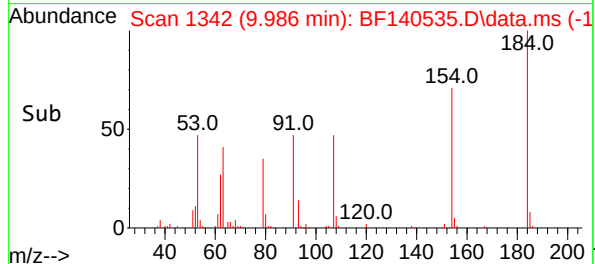
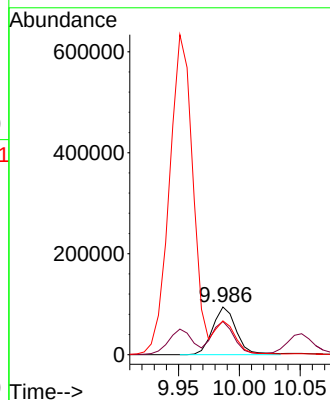
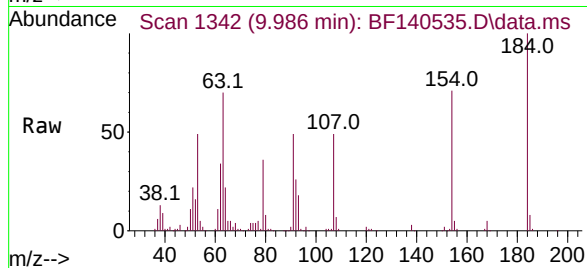
Tgt Ion:184 Resp: 127923

Ion Ratio Lower Upper

184 100

63 69.9 54.1 81.1

154 70.8 57.4 86.0



#55

Dibenzofuran

Concen: 72.868 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

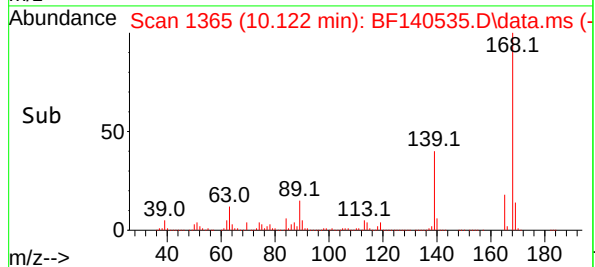
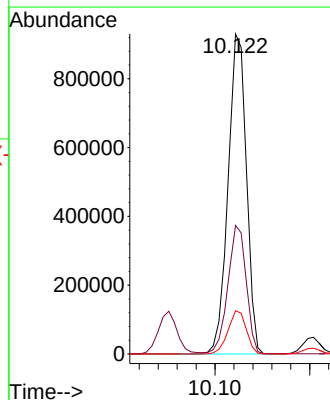
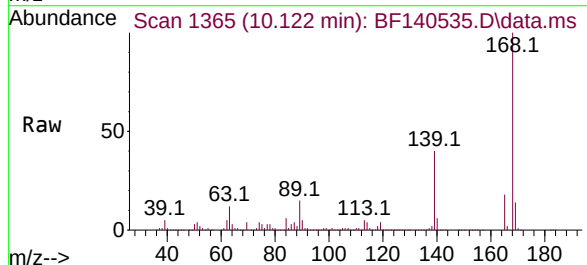
Tgt Ion:168 Resp: 1252581

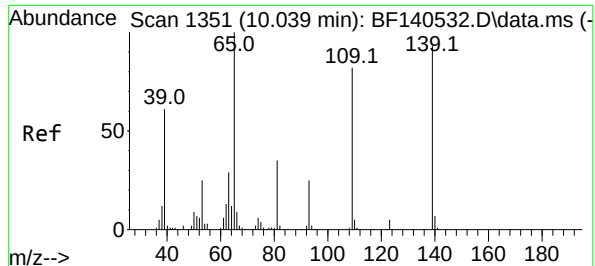
Ion Ratio Lower Upper

168 100

139 40.1 31.3 46.9

169 13.5 10.5 15.7





#56

4-Nitrophenol

Concen: 83.396 ng

RT: 10.051 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

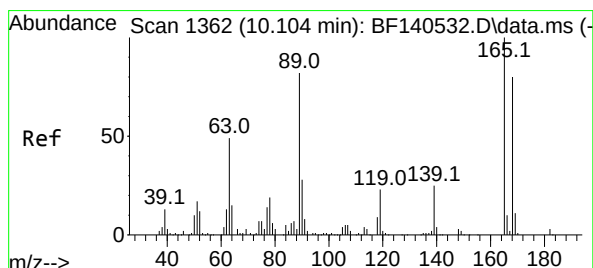
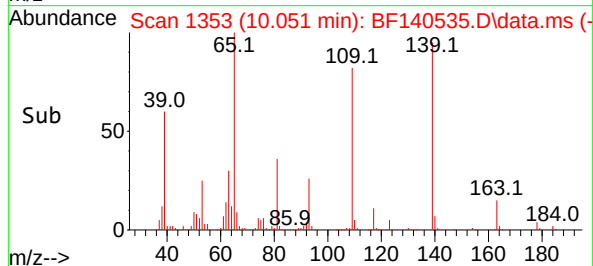
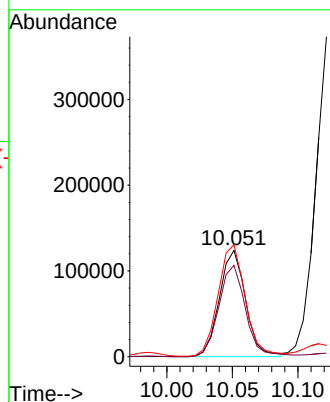
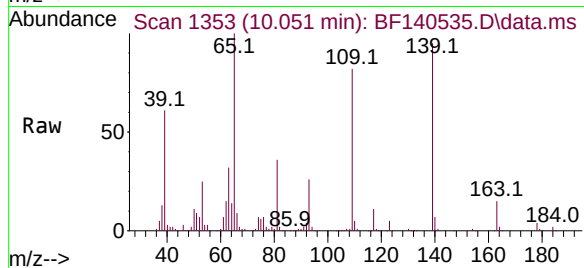
Tgt Ion:139 Resp: 172406

Ion Ratio Lower Upper

139 100

109 86.0 68.4 108.4

65 105.4 88.6 128.6



#57

2,4-Dinitrotoluene

Concen: 76.346 ng

RT: 10.116 min Scan# 1364

Delta R.T. 0.012 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Tgt Ion:165 Resp: 314478

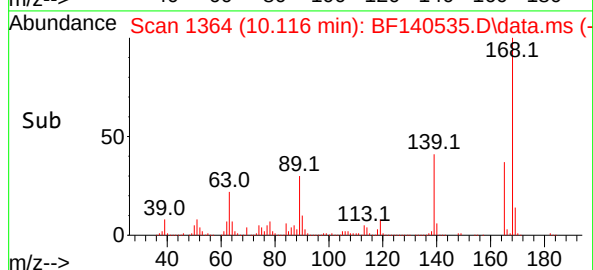
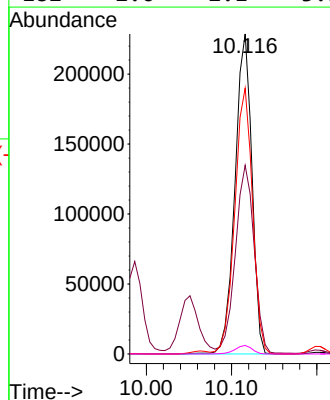
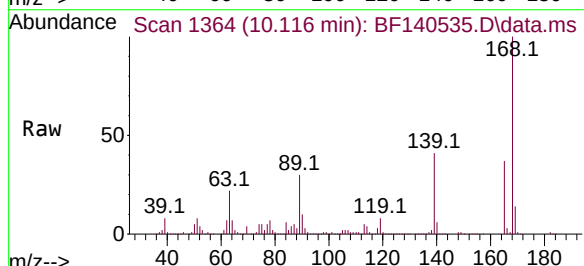
Ion Ratio Lower Upper

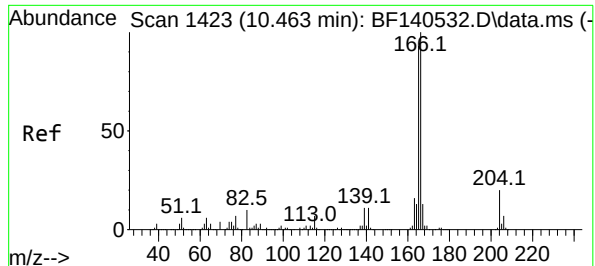
165 100

63 59.0 41.7 62.5

89 83.1 65.8 98.8

182 2.6 2.1 3.1

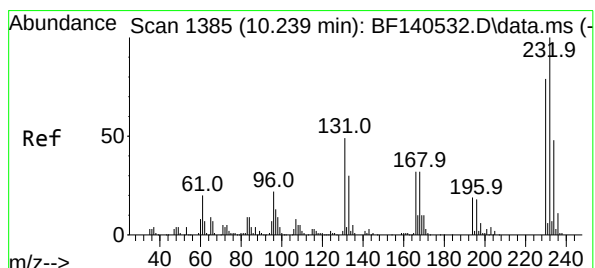
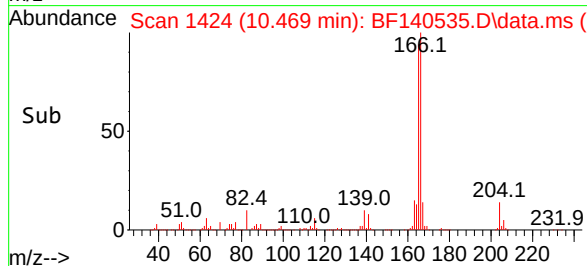
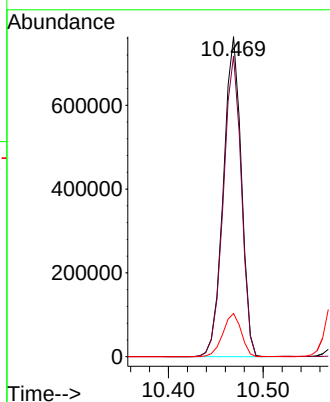
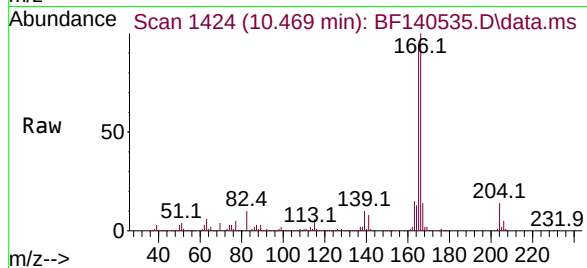




#58
Fluorene
Concen: 72.805 ng
RT: 10.469 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

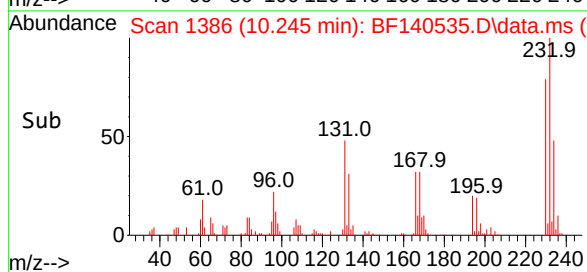
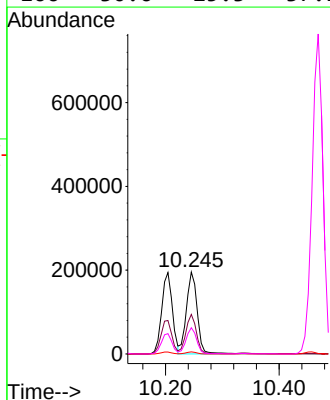
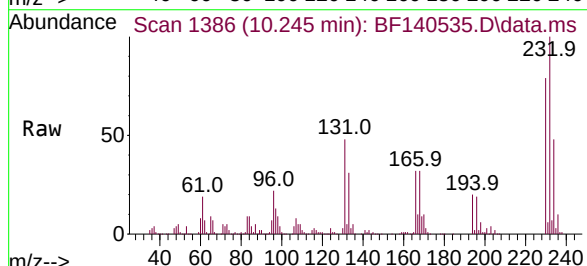
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

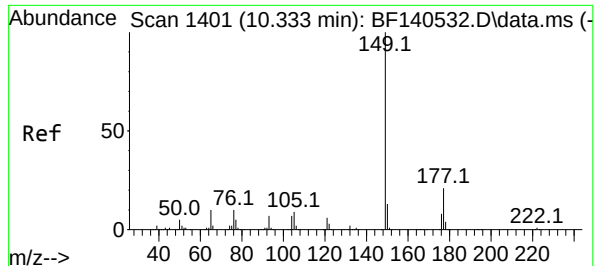
Tgt Ion:166 Resp: 1004537
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.5 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 81.333 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:232 Resp: 258582
Ion Ratio Lower Upper
232 100
131 47.1 39.6 59.4
130 2.5 1.9 2.9
166 30.6 25.3 37.9

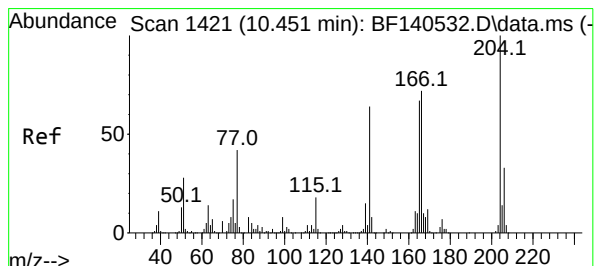
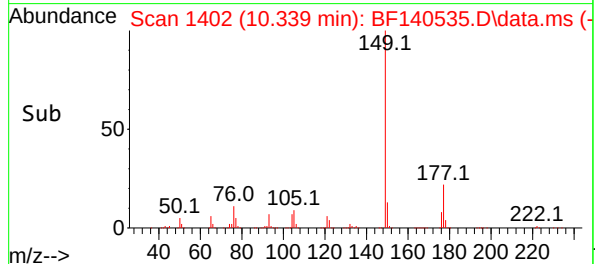
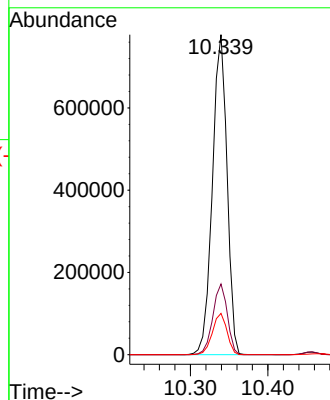
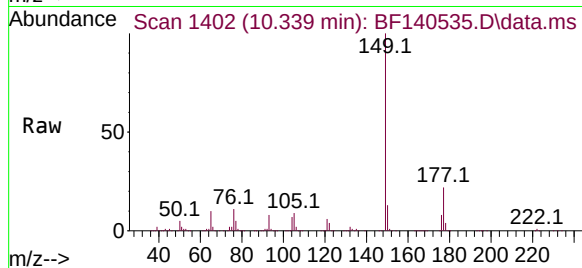




#60
Diethylphthalate
Concen: 73.747 ng
RT: 10.339 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

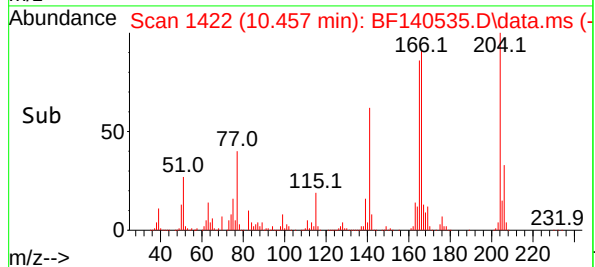
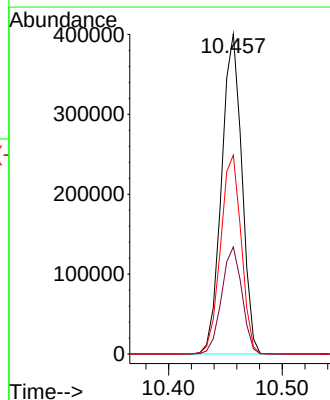
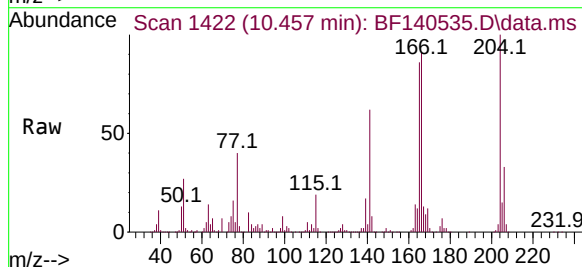
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

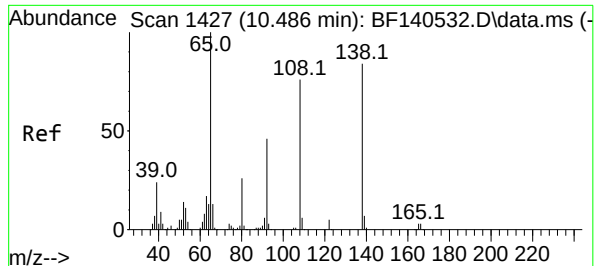
Tgt Ion:149 Resp: 1023948
Ion Ratio Lower Upper
149 100
177 22.1 17.1 25.7
150 12.9 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 73.378 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:204 Resp: 496862
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 62.1 51.1 76.7

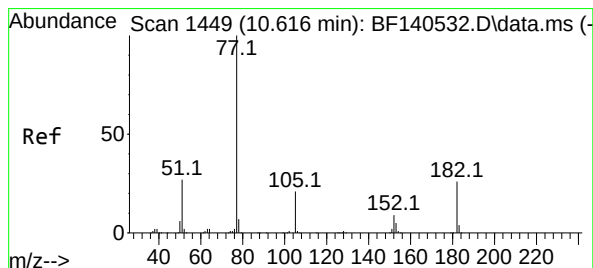
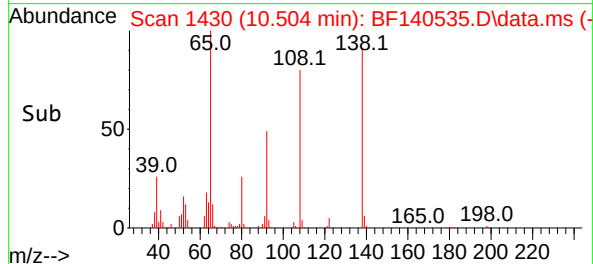
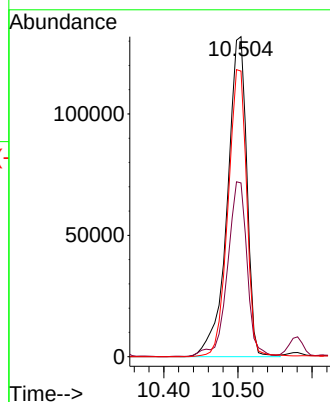
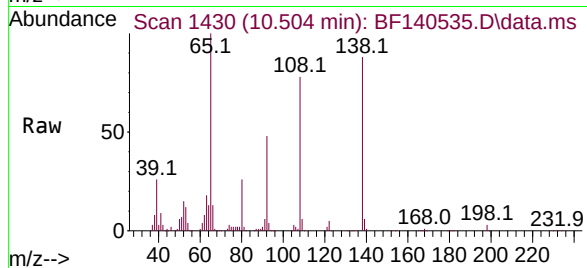




#62
4-Nitroaniline
Concen: 75.874 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

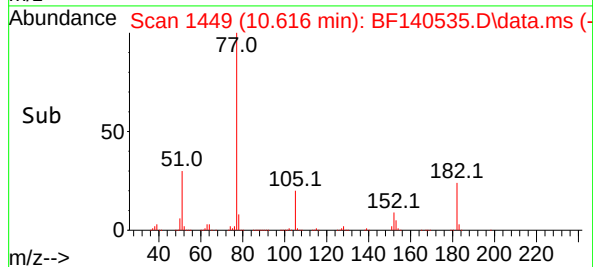
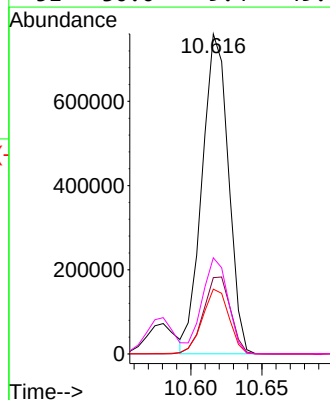
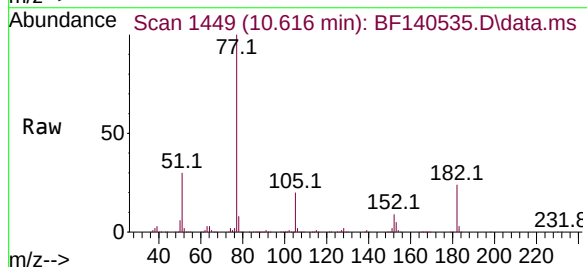
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

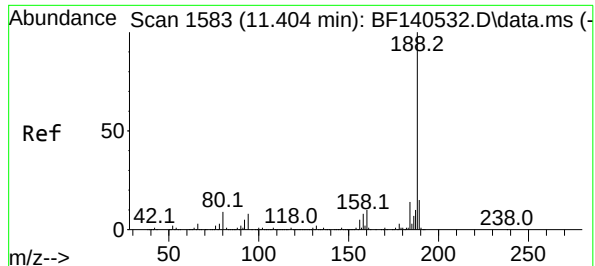
Tgt Ion:138 Resp: 241223
Ion Ratio Lower Upper
138 100
92 54.3 34.5 74.5
108 89.2 70.6 110.6



#63
Azobenzene
Concen: 74.448 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion: 77 Resp: 978891
Ion Ratio Lower Upper
77 100
182 23.8 5.3 45.3
105 20.2 0.3 40.3
51 30.0 9.4 49.4

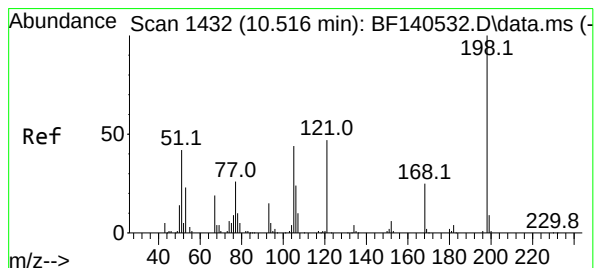
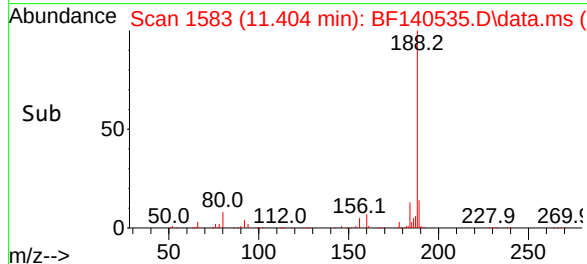
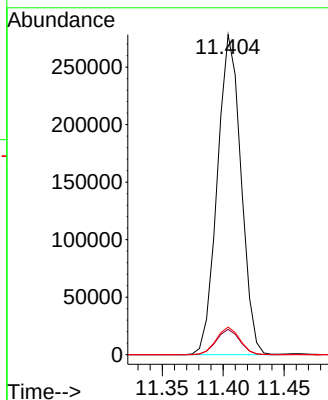
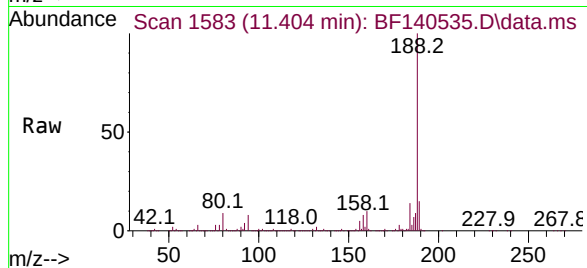




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

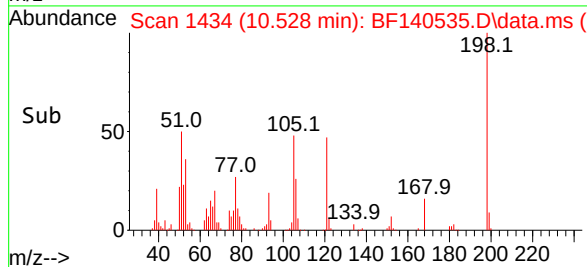
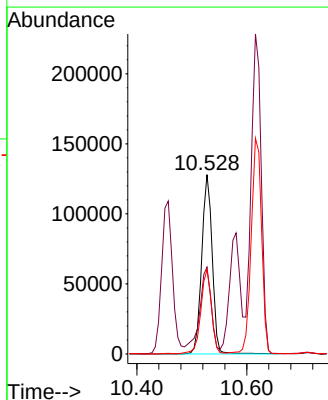
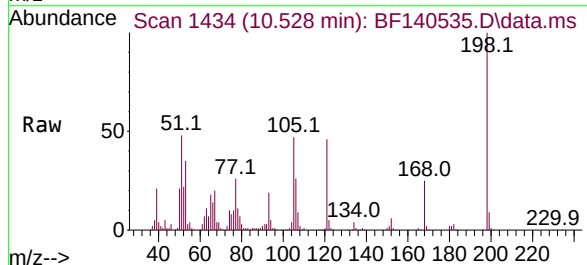
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

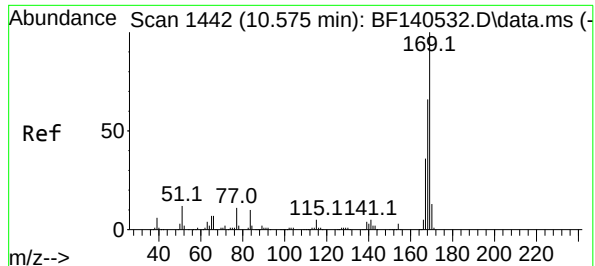
Tgt Ion:188 Resp: 377113
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.6 6.9 10.3



#65
4,6-Dinitro-2-methylphenol
Concen: 88.305 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:198 Resp: 170169
Ion Ratio Lower Upper
198 100
51 48.5 29.4 69.4
105 47.0 25.4 65.4

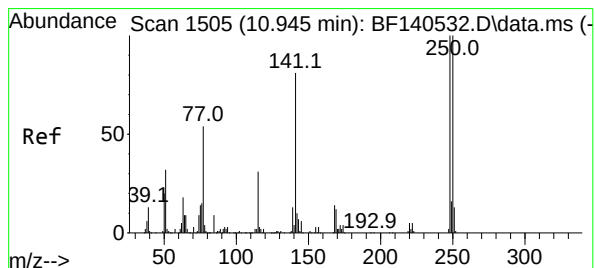
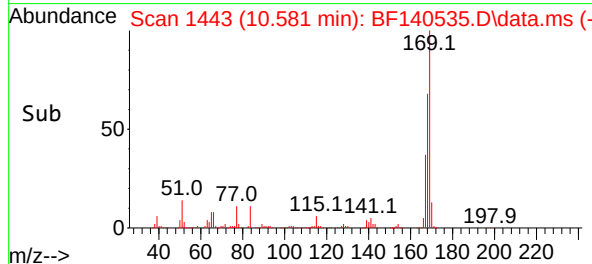
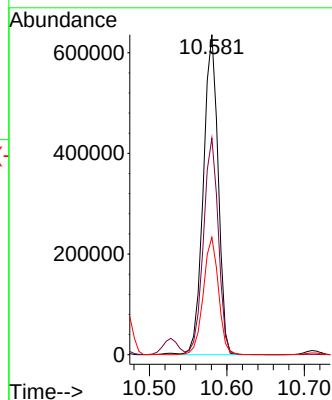
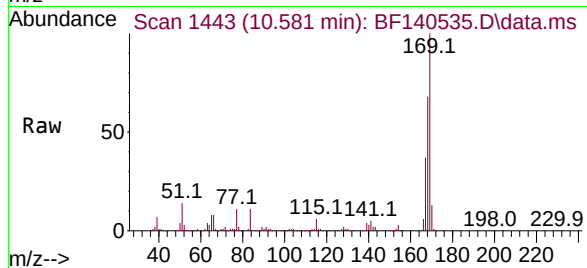




#66
n-Nitrosodiphenylamine
Concen: 75.504 ng
RT: 10.581 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

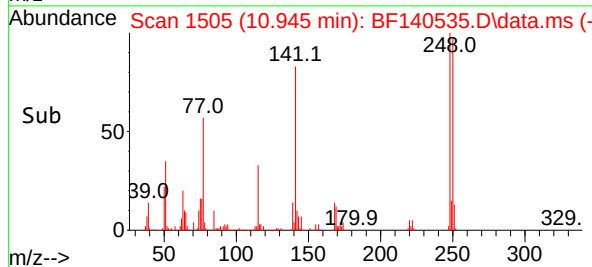
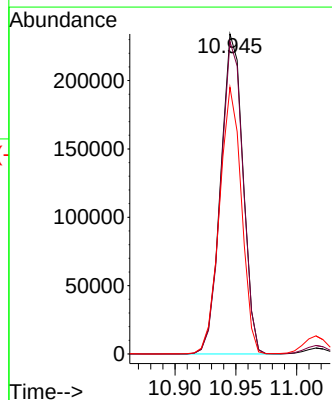
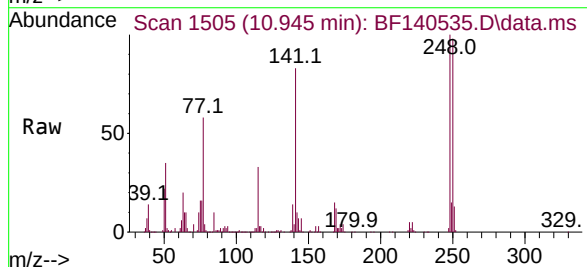
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

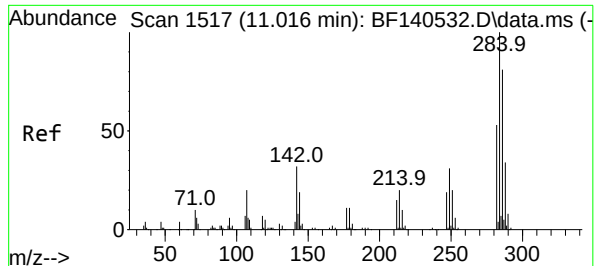
Tgt Ion:169 Resp: 842038
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 36.6 29.0 43.6



#67
4-Bromophenyl-phenylether
Concen: 76.842 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:248 Resp: 298430
Ion Ratio Lower Upper
248 100
250 97.7 79.8 119.8
141 83.4 64.7 97.1

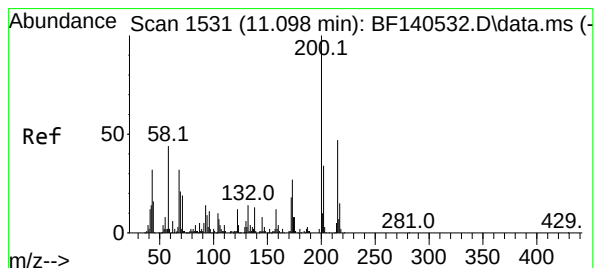
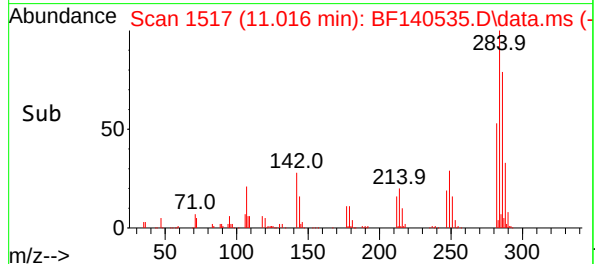
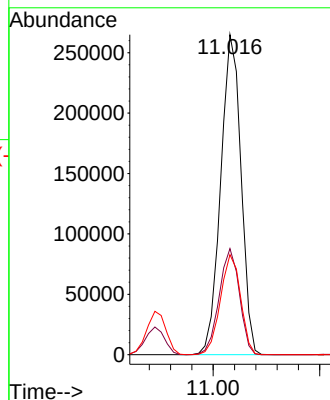
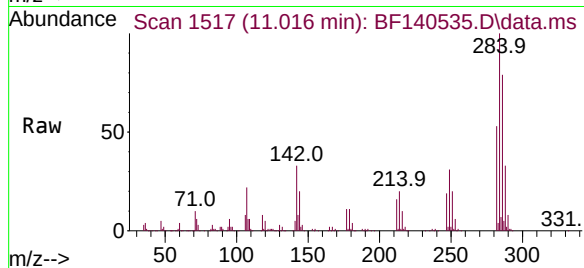




#68
Hexachlorobenzene
Concen: 77.757 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

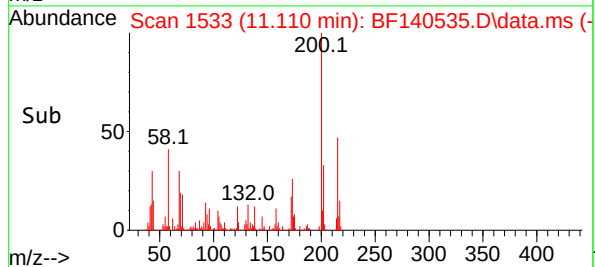
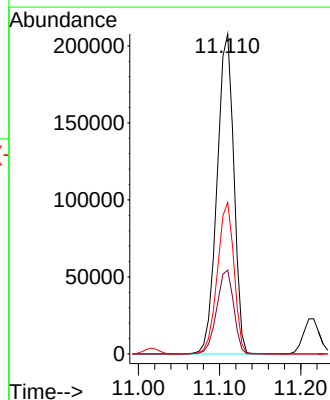
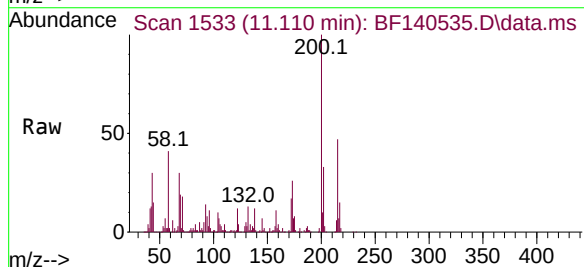
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

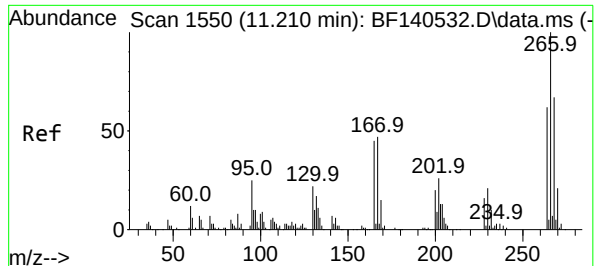
Tgt Ion:284 Resp: 349669
Ion Ratio Lower Upper
284 100
142 33.1 25.3 37.9
249 31.2 24.8 37.2



#69
Atrazine
Concen: 95.222 ng
RT: 11.110 min Scan# 1533
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:200 Resp: 298744
Ion Ratio Lower Upper
200 100
173 26.2 7.0 47.0
215 47.4 26.7 66.7





#70

Pentachlorophenol

Concen: 89.792 ng

RT: 11.216 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

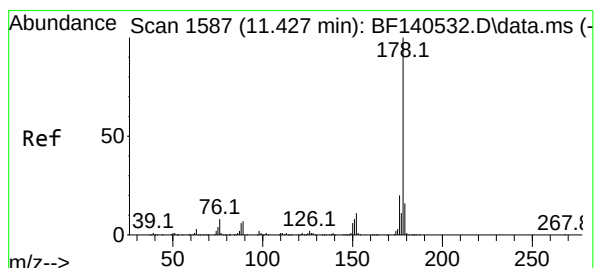
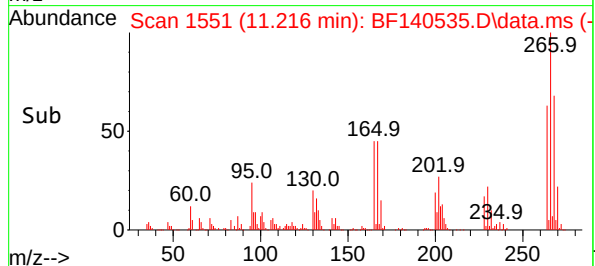
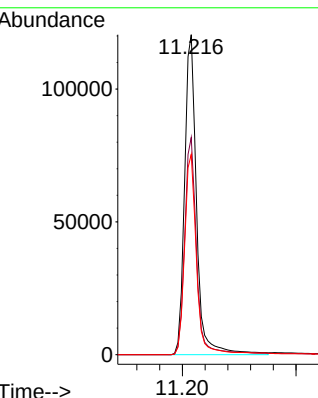
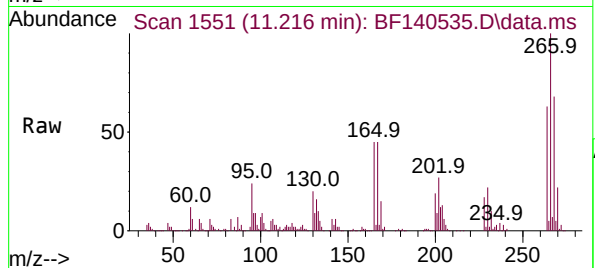
Tgt Ion:266 Resp: 177717

Ion Ratio Lower Upper

266 100

268 67.9 53.7 80.5

264 62.6 49.8 74.8



#71

Phenanthrene

Concen: 73.334 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

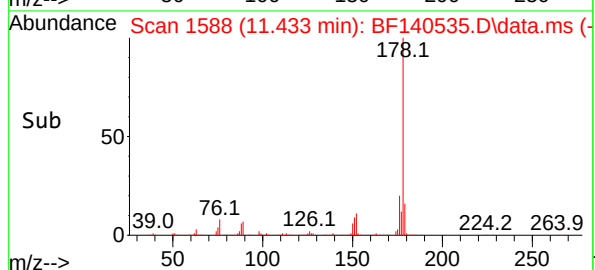
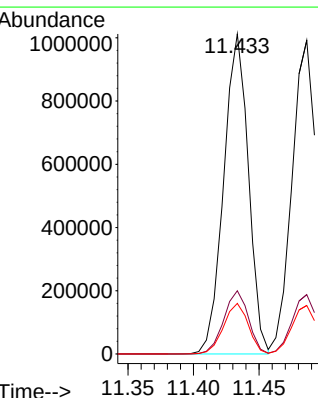
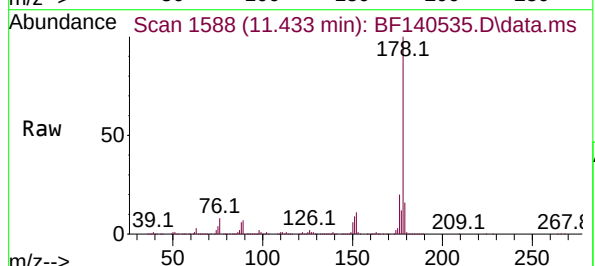
Tgt Ion:178 Resp: 1329366

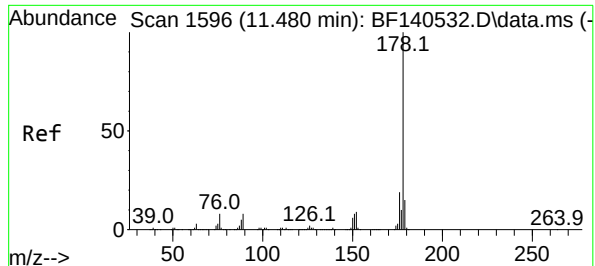
Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.8 12.4 18.6

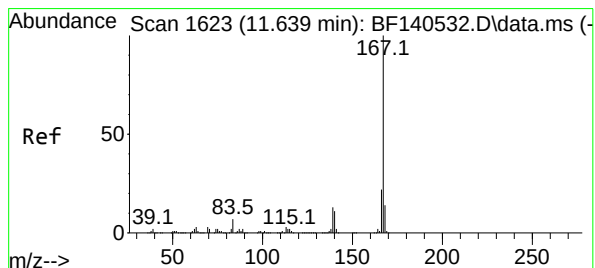
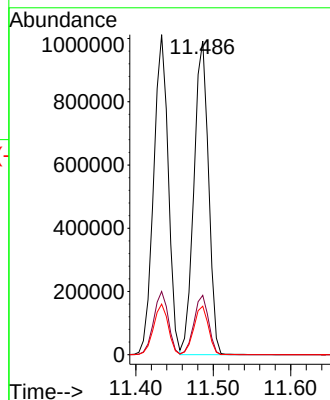
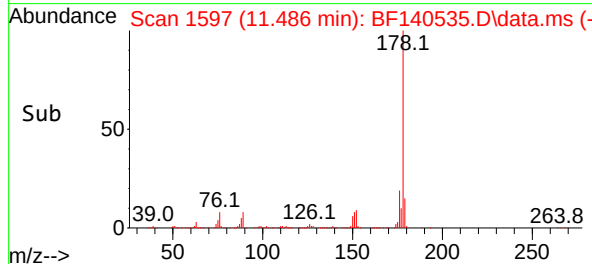
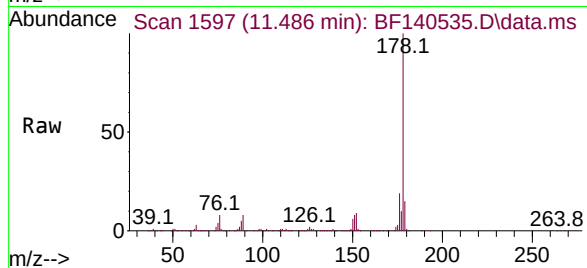




#72
Anthracene
Concen: 73.050 ng
RT: 11.486 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

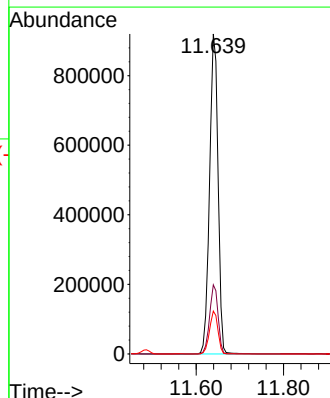
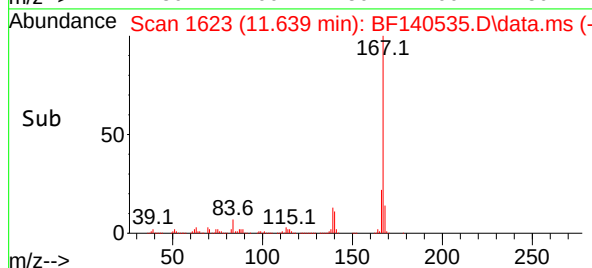
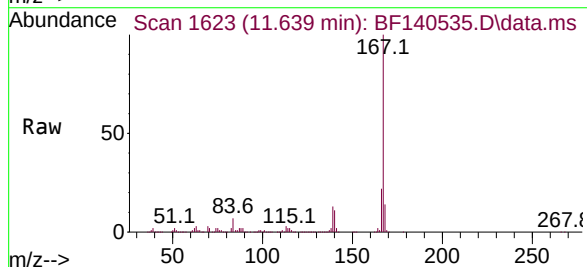
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

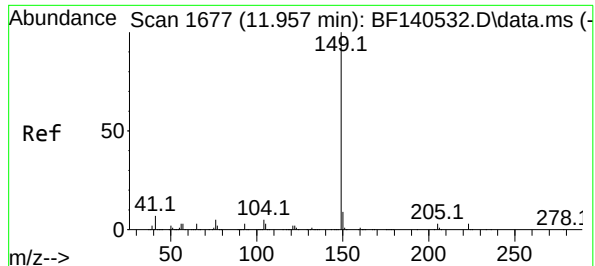
Tgt Ion:178 Resp: 1295331
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4



#73
Carbazole
Concen: 72.617 ng
RT: 11.639 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:167 Resp: 1238730
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.4 10.6 15.8

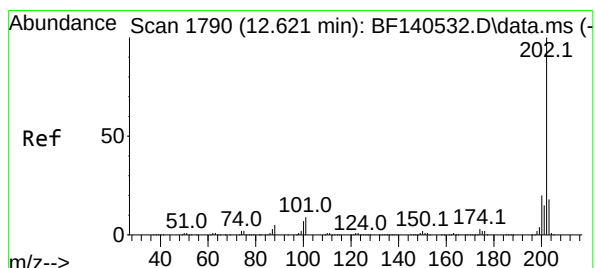
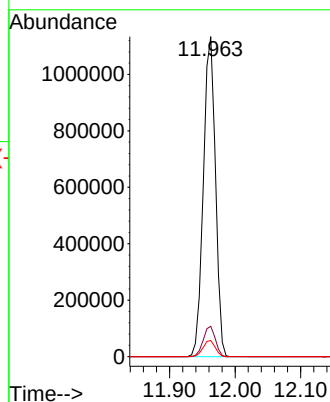
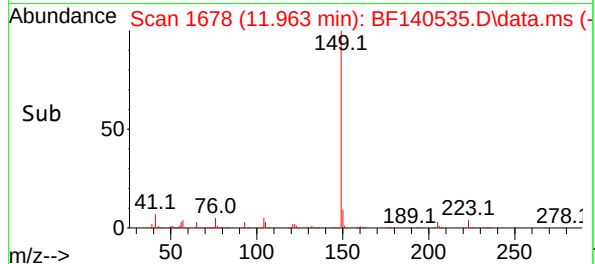
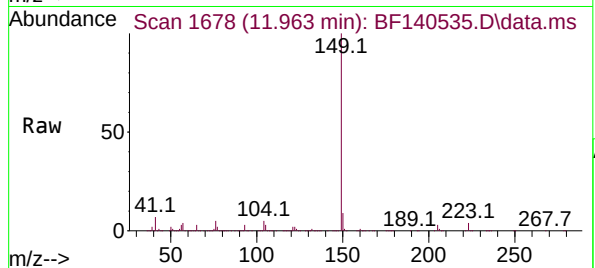




#74
Di-n-butylphthalate
Concen: 74.036 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

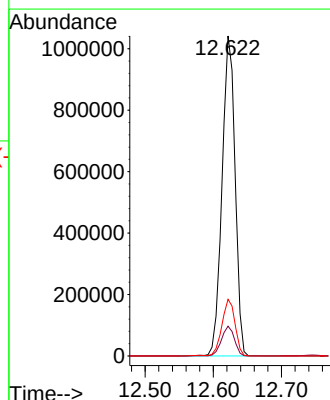
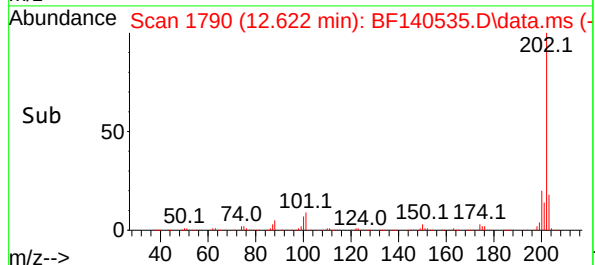
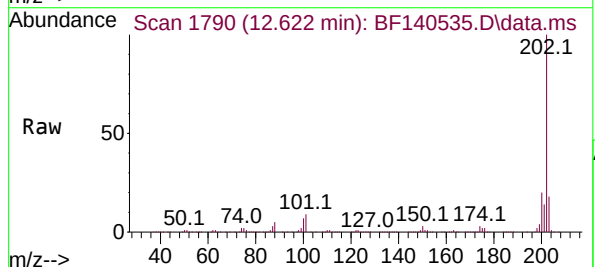
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

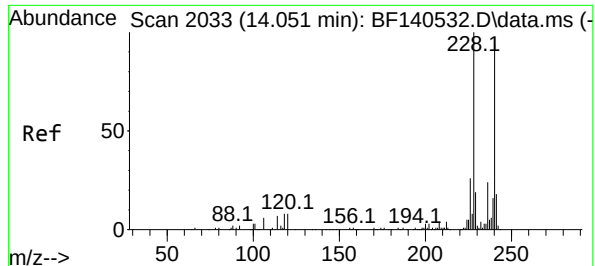
Tgt Ion:149 Resp: 1458047
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.1 4.1 6.1



#75
Fluoranthene
Concen: 70.598 ng
RT: 12.622 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:202 Resp: 1389485
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.7 0.0 37.6

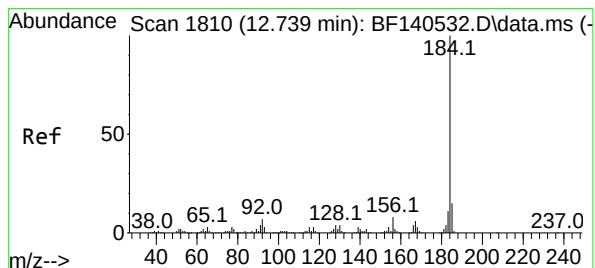
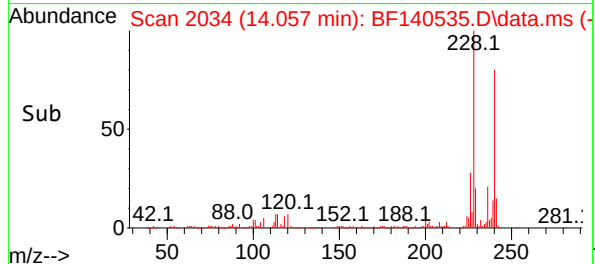
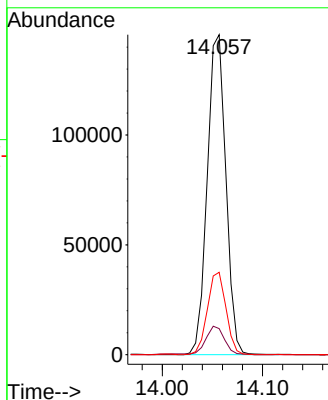
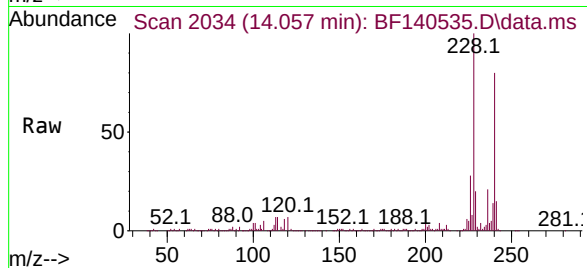




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

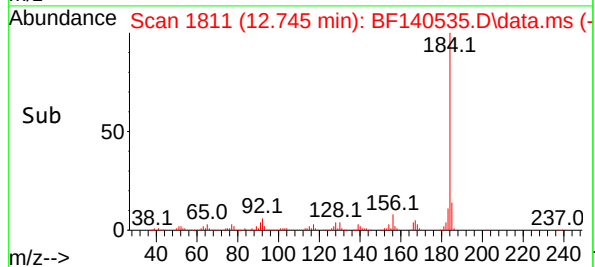
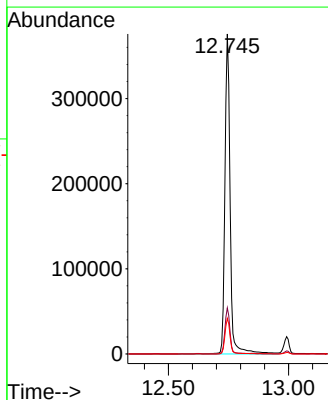
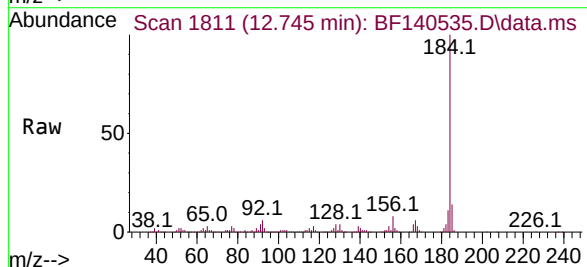
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

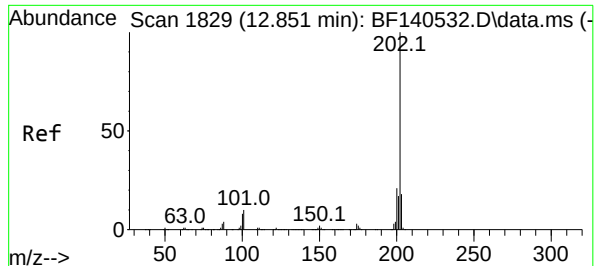
Tgt Ion:240 Resp: 187912
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 25.8 20.6 31.0



#77
Benzidine
Concen: 103.300 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:184 Resp: 564372
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.1 8.8 13.2

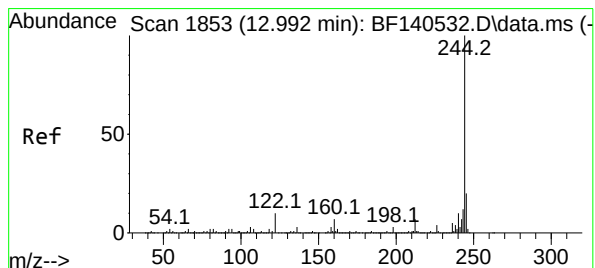
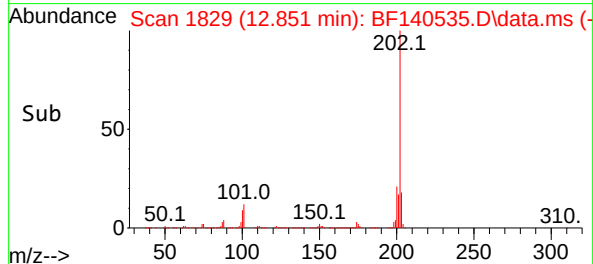
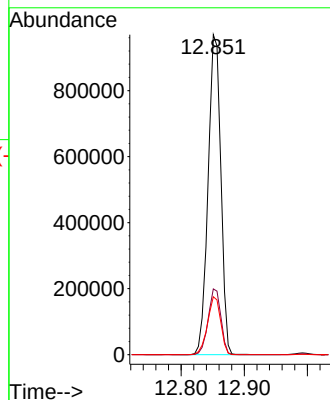
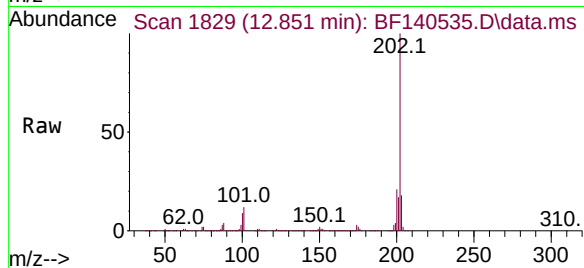




#78
Pyrene
Concen: 77.840 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

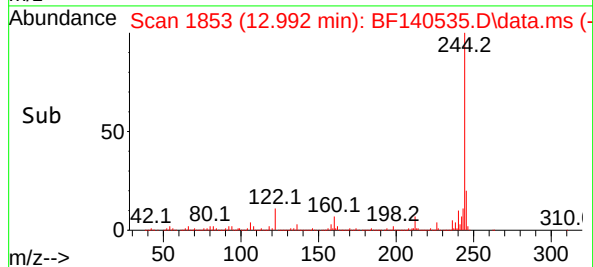
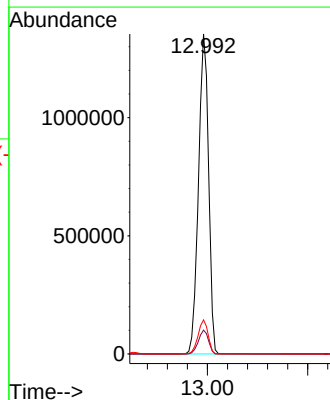
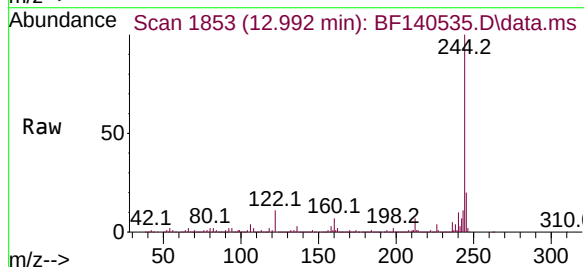
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

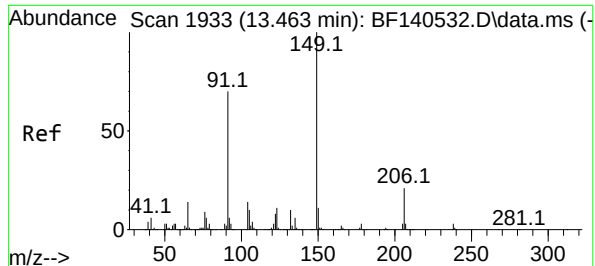
Tgt Ion:202 Resp: 1352459
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 18.1 14.2 21.4



#79
Terphenyl-d14
Concen: 156.171 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:244 Resp: 1884646
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.7 8.0 12.0

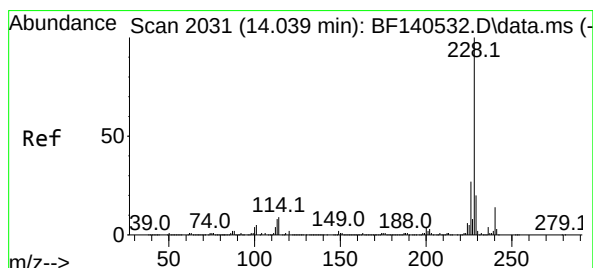
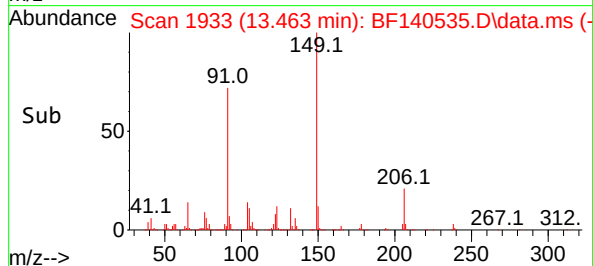
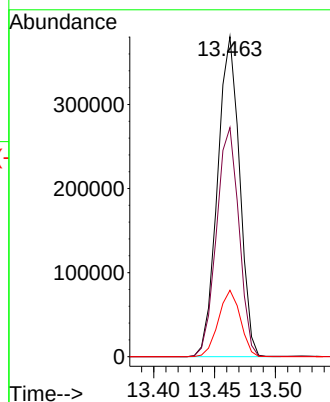
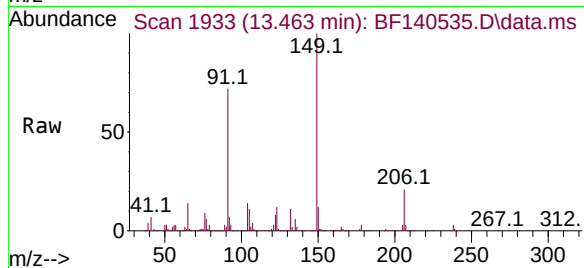




#80
Butylbenzylphthalate
Concen: 76.981 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

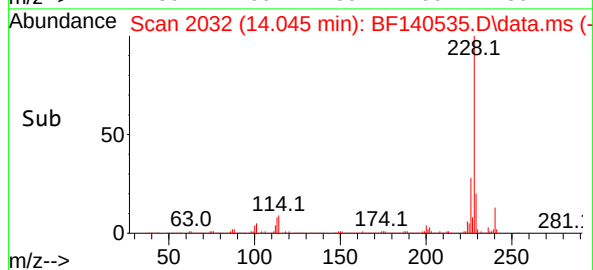
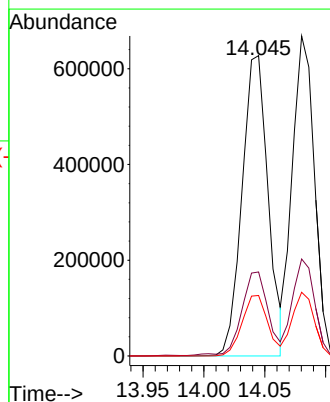
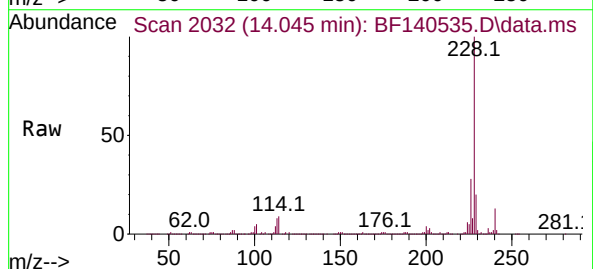
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

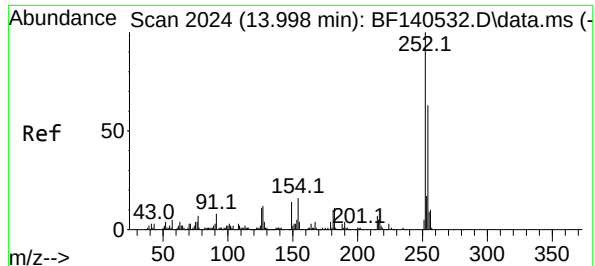
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.2	84.2
206	20.8	16.4	24.6



#81
Benzo(a)anthracene
Concen: 75.038 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.1	15.8	23.6





#82

3,3'-Dichlorobenzidine

Concen: 79.219 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

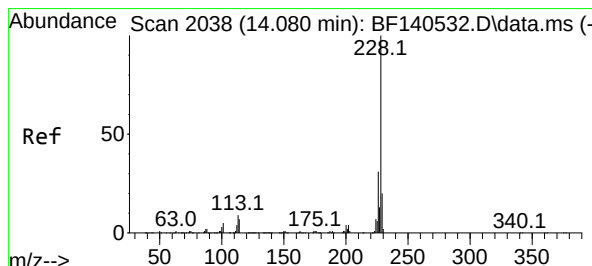
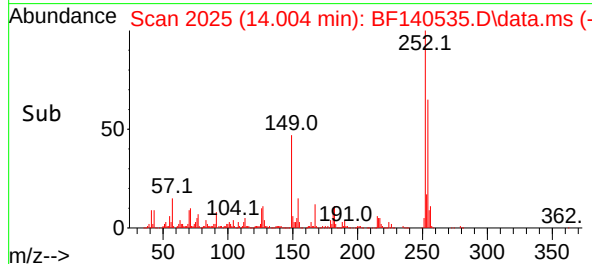
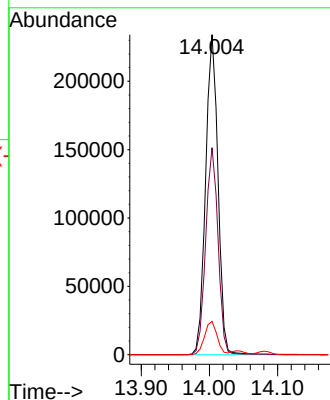
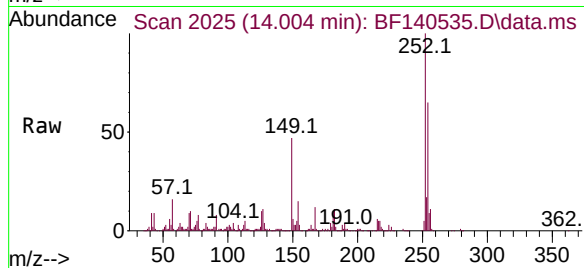
Tgt Ion:252 Resp: 295857

Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

126 10.4 8.6 13.0



#83

Chrysene

Concen: 74.518 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140535.D

Acq: 21 Nov 2024 14:18

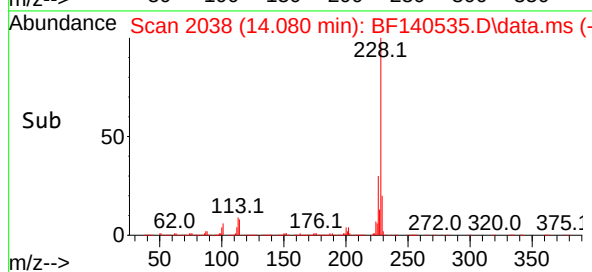
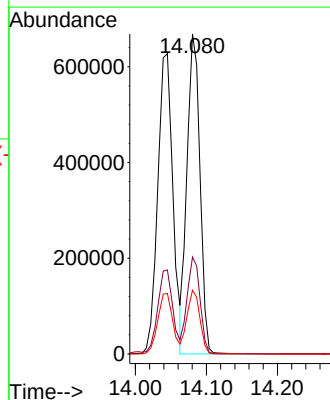
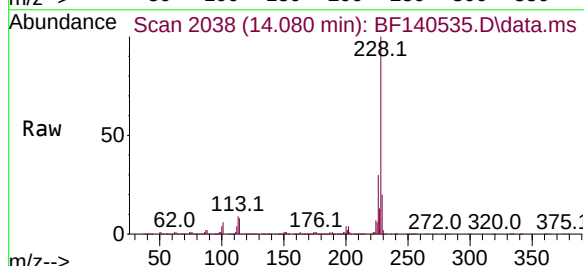
Tgt Ion:228 Resp: 847578

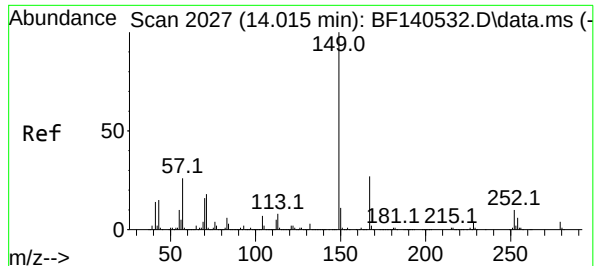
Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.9 15.8 23.6

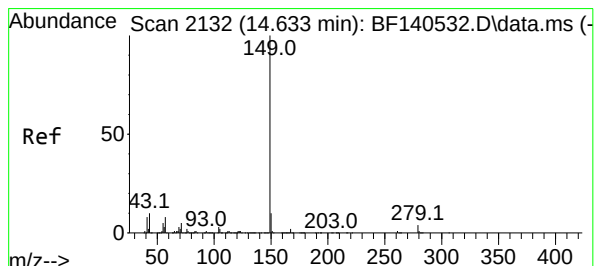
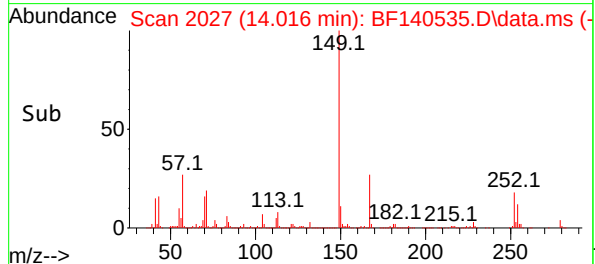
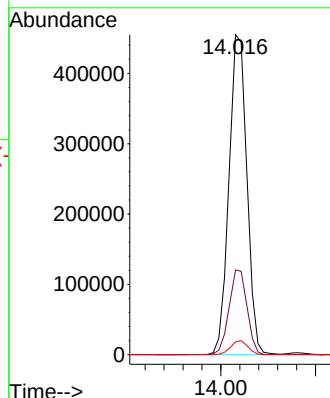
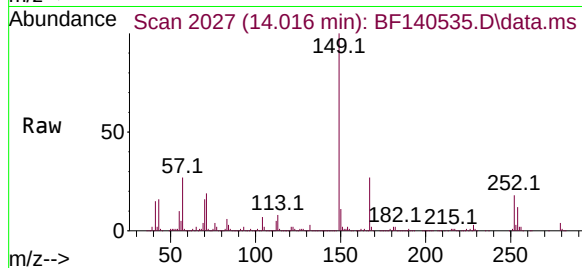




#84
Bis(2-ethylhexyl)phthalate
Concen: 75.781 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

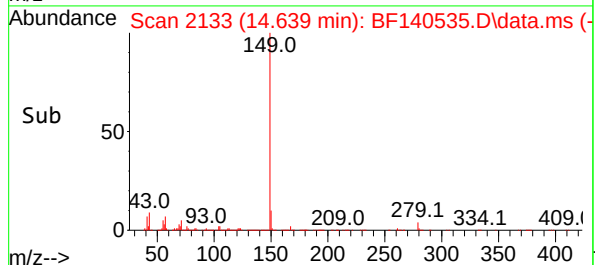
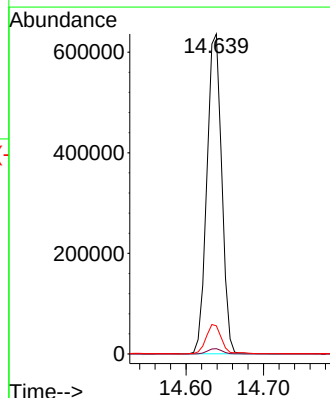
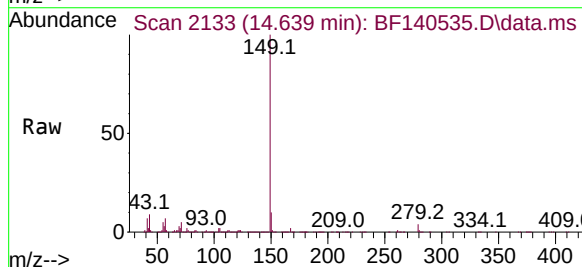
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

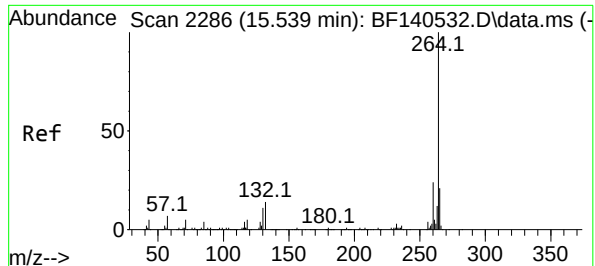
Tgt Ion:149 Resp: 598926
Ion Ratio Lower Upper
149 100
167 26.5 21.2 31.8
279 4.0 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 78.011 ng
RT: 14.639 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:149 Resp: 842600
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.5 7.7 11.5

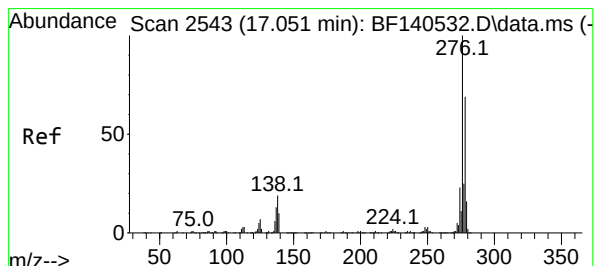
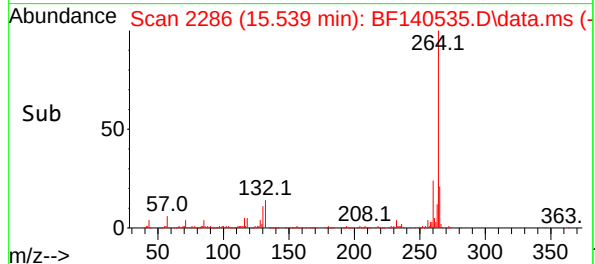
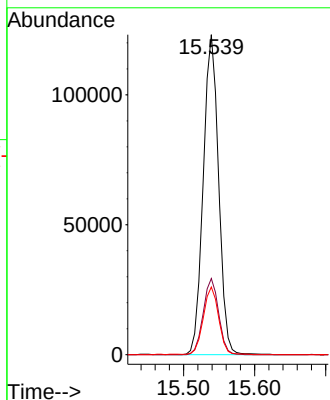
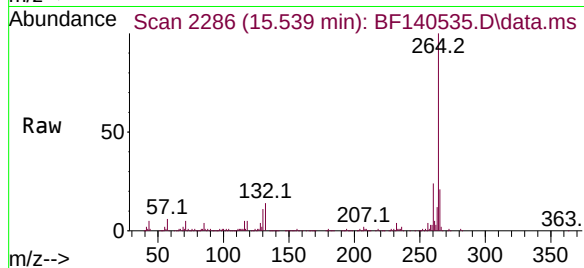




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

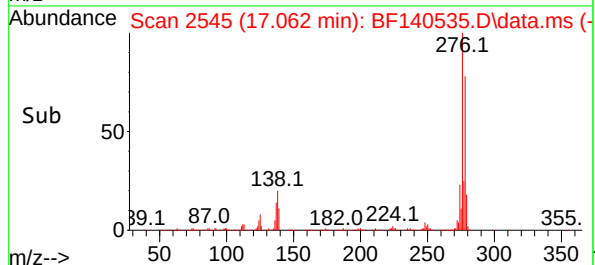
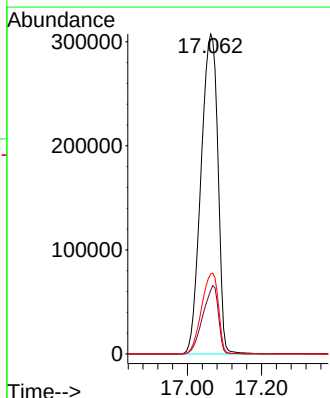
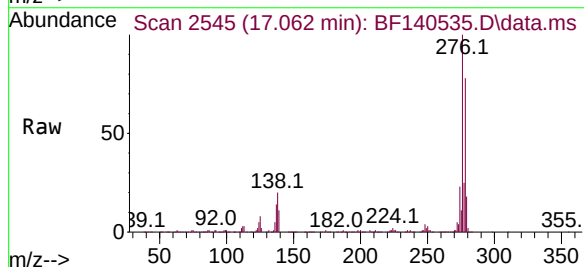
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

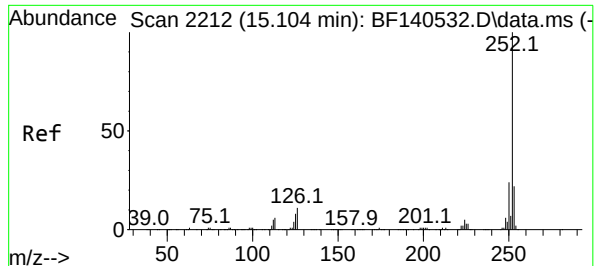
Tgt Ion:264 Resp: 185457
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.1 16.6 25.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 80.586 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:276 Resp: 973960
Ion Ratio Lower Upper
276 100
138 19.6 15.5 23.3
277 25.2 20.1 30.1

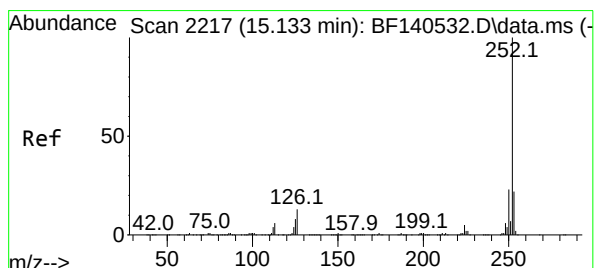
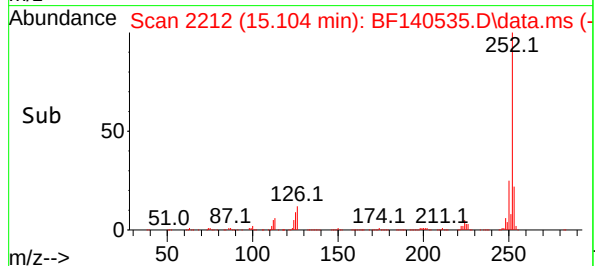
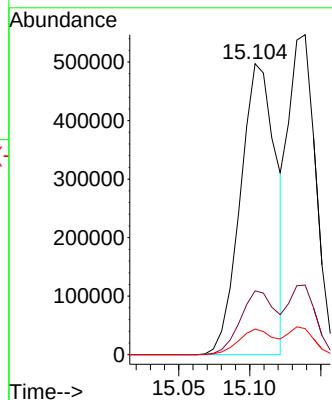
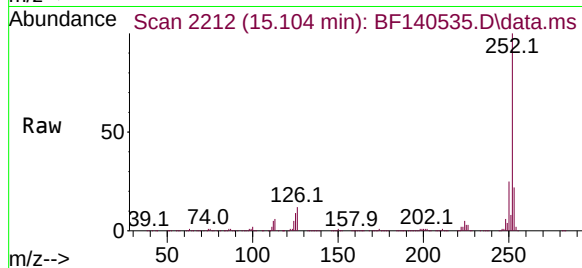




#88
Benzo(b)fluoranthene
Concen: 74.378 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

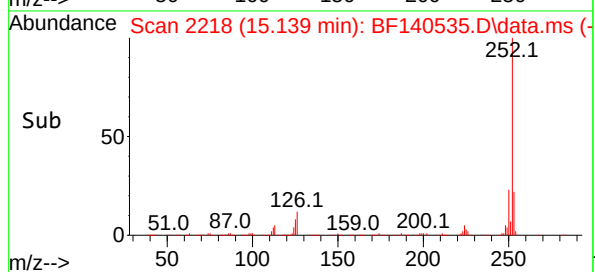
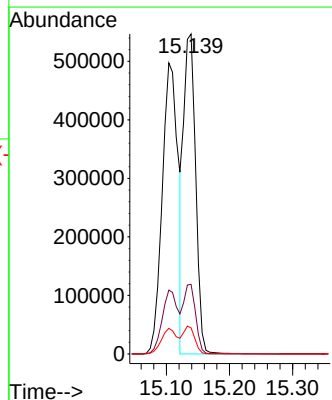
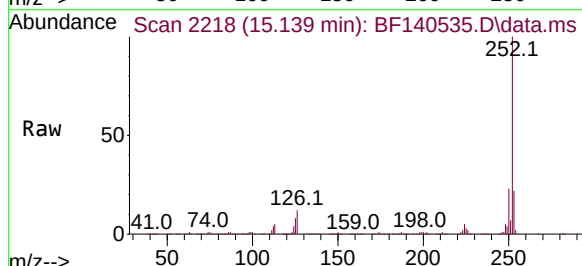
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

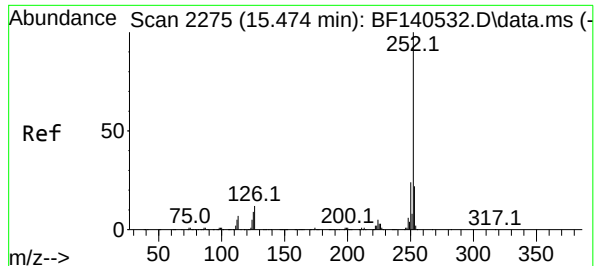
Tgt Ion:252 Resp: 866416
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.8 6.7 10.1



#89
Benzo(k)fluoranthene
Concen: 71.283 ng
RT: 15.139 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:252 Resp: 726636
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.1 6.5 9.7

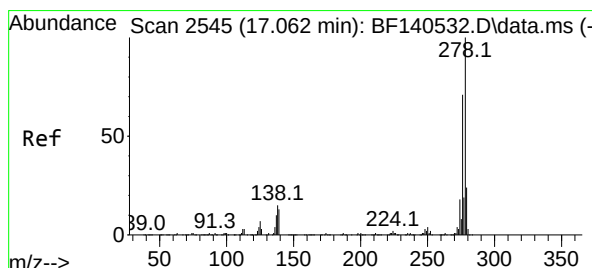
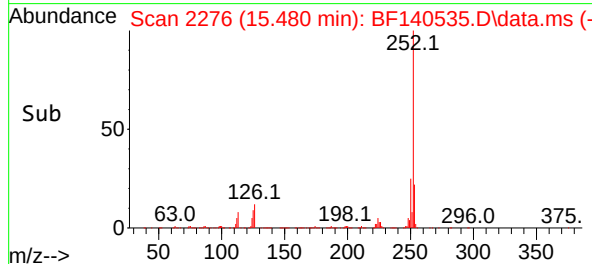
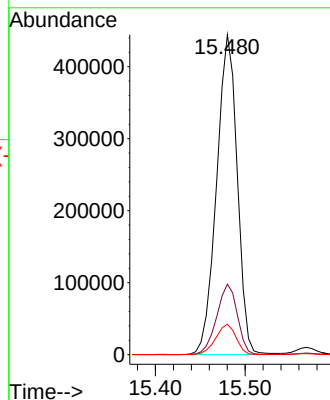
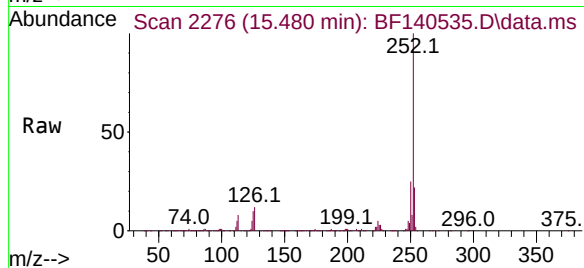




#90
Benzo(a)pyrene
Concen: 74.969 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

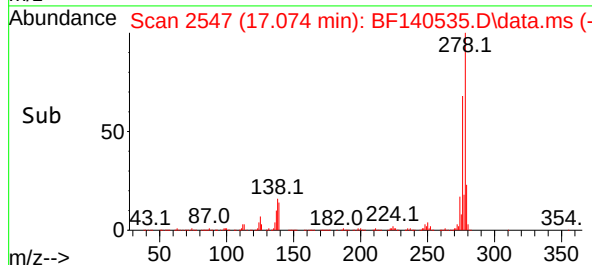
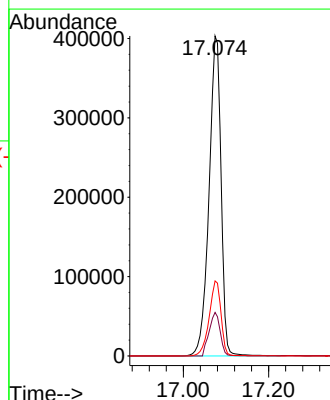
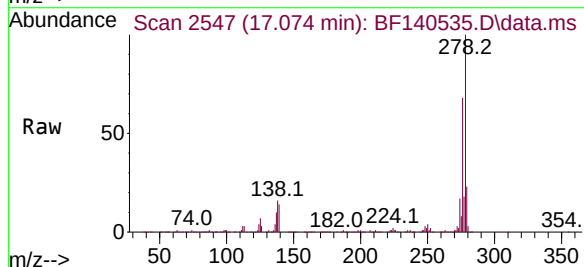
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

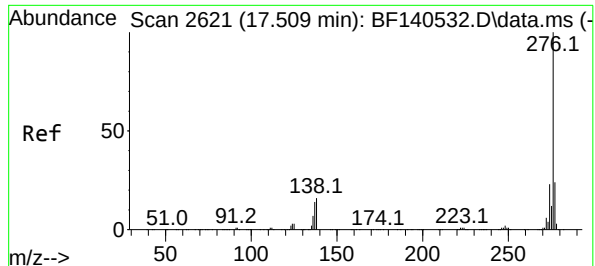
Tgt Ion:252 Resp: 710060
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.5 7.0 10.6



#91
Dibenzo(a,h)anthracene
Concen: 79.722 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF140535.D
Acq: 21 Nov 2024 14:18

Tgt Ion:278 Resp: 789090
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.4
279 23.4 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 79.559 ng

RT: 17.521 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF140535.D

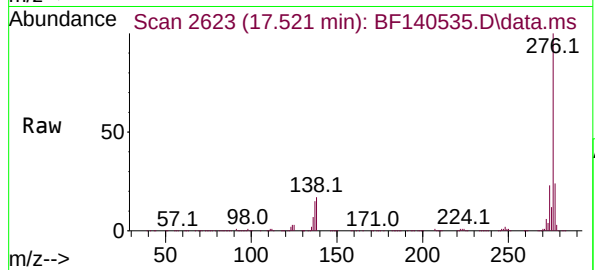
Acq: 21 Nov 2024 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



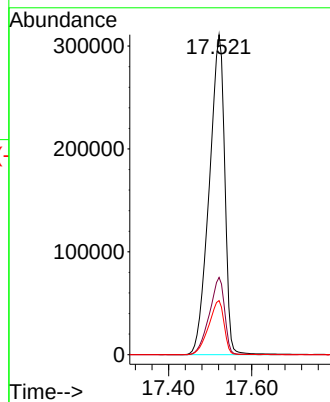
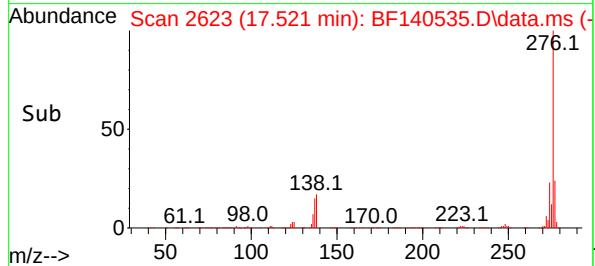
Tgt Ion:276 Resp: 803570

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 16.9 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 16:11:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106835	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	417612	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	239418	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	448820	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266538	20.000	ng	0.00
86) Perylene-d12	15.551	264	215076	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	494717	79.009	ng	0.00
7) Phenol-d6	6.516	99	674309	81.459	ng	0.00
23) Nitrobenzene-d5	7.439	82	644226	78.907	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204020	79.677	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1227501	76.390	ng	0.00
79) Terphenyl-d14	12.992	244	1291669	75.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	102768	39.036	ng	99
3) Pyridine	3.410	79	258925	44.701	ng	99
4) n-Nitrosodimethylamine	3.369	42	140208	41.184	ng	98
6) Aniline	6.539	93	274234	47.067	ng	91
8) 2-Chlorophenol	6.663	128	270746	40.191	ng	98
9) Benzaldehyde	6.428	77	161873	36.939	ng	99
10) Phenol	6.528	94	346860	41.030	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	257441	39.796	ng	99
12) 1,3-Dichlorobenzene	6.816	146	300749	39.732	ng	99
13) 1,4-Dichlorobenzene	6.892	146	304030	39.668	ng	100
14) 1,2-Dichlorobenzene	7.045	146	283001	39.406	ng	98
15) Benzyl Alcohol	7.016	79	257787	41.993	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314742	41.183	ng	93
17) 2-Methylphenol	7.133	107	224359	41.606	ng	98
18) Hexachloroethane	7.381	117	114809	40.108	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	205658	42.038	ng	99
20) 3+4-Methylphenols	7.286	107	287897	41.536	ng	98
22) Acetophenone	7.281	105	396692	38.963	ng	99
24) Nitrobenzene	7.457	77	330161	39.127	ng	99
25) Isophorone	7.692	82	549222	40.332	ng	99
26) 2-Nitrophenol	7.769	139	150969	40.372	ng	98
27) 2,4-Dimethylphenol	7.810	122	177031	39.568	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	331321	39.938	ng	100
29) 2,4-Dichlorophenol	8.016	162	236857	39.952	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	263327	38.901	ng	99
31) Naphthalene	8.175	128	842187	39.152	ng	99
32) Benzoic acid	7.939	122	156794	41.429	ng	98
33) 4-Chloroaniline	8.228	127	280483	43.551	ng	99
34) Hexachlorobutadiene	8.292	225	176676	39.406	ng	99
35) Caprolactam	8.604	113	74088	40.381	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	266862	40.203	ng	99
37) 2-Methylnaphthalene	8.869	142	546332	39.987	ng	99
38) 1-Methylnaphthalene	8.969	142	531502	39.688	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	272114	38.824	ng	100
41) Hexachlorocyclopentadiene	9.016	237	52730	37.711	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	173239	39.390	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 16:11:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	192368	40.302	ng	99
46) 1,1'-Biphenyl	9.333	154	693007	38.769	ng	100
47) 2-Chloronaphthalene	9.357	162	530895	39.197	ng	100
48) 2-Nitroaniline	9.457	65	174060	40.037	ng	99
49) Acenaphthylene	9.774	152	795061	38.850	ng	99
50) Dimethylphthalate	9.633	163	624268	39.591	ng	99
51) 2,6-Dinitrotoluene	9.698	165	140739	39.356	ng	100
52) Acenaphthene	9.945	154	501631m	38.578	ng	
53) 3-Nitroaniline	9.874	138	143055	40.901	ng	96
54) 2,4-Dinitrophenol	9.980	184	58542	36.341	ng	99
55) Dibenzofuran	10.122	168	766460	38.644	ng	99
56) 4-Nitrophenol	10.039	139	100812	42.263	ng	99
57) 2,4-Dinitrotoluene	10.104	165	194980	41.025	ng	98
58) Fluorene	10.463	166	622708	39.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	153327	41.797	ng	97
60) Diethylphthalate	10.333	149	626046	39.078	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	308891	39.536	ng	99
62) 4-Nitroaniline	10.486	138	148087	40.369	ng	99
63) Azobenzene	10.616	77	597687	39.396	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94340	41.134	ng	99
66) n-Nitrosodiphenylamine	10.574	169	513960	38.723	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	180160	38.977	ng	99
68) Hexachlorobenzene	11.016	284	208589	38.974	ng	99
69) Atrazine	11.098	200	129353	34.643	ng	99
70) Pentachlorophenol	11.210	266	100767	42.779	ng	98
71) Phenanthrene	11.427	178	838392	38.861	ng	99
72) Anthracene	11.480	178	819442	38.829	ng	100
73) Carbazole	11.639	167	795975	39.207	ng	100
74) Di-n-butylphthalate	11.963	149	932026	39.765	ng	99
75) Fluoranthene	12.621	202	937019	40.002	ng	100
77) Benzidine	12.745	184	304946	39.351	ng	99
78) Pyrene	12.851	202	941890	38.219	ng	99
80) Butylbenzylphthalate	13.463	149	359930	40.542	ng	97
81) Benzo(a)anthracene	14.045	228	700865	39.723	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	217249	41.011	ng	99
83) Chrysene	14.080	228	635750	39.406	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	468853	41.823	ng	99
85) Di-n-octyl phthalate	14.645	149	673561	43.965	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	546567	38.995	ng	99
88) Benzo(b)fluoranthene	15.109	252	551853	40.850	ng	100
89) Benzo(k)fluoranthene	15.145	252	474176	40.110	ng	100
90) Benzo(a)pyrene	15.486	252	439811	40.041	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	459746	40.052	ng	100
92) Benzo(g,h,i)perylene	17.521	276	463747	39.591	ng	99

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

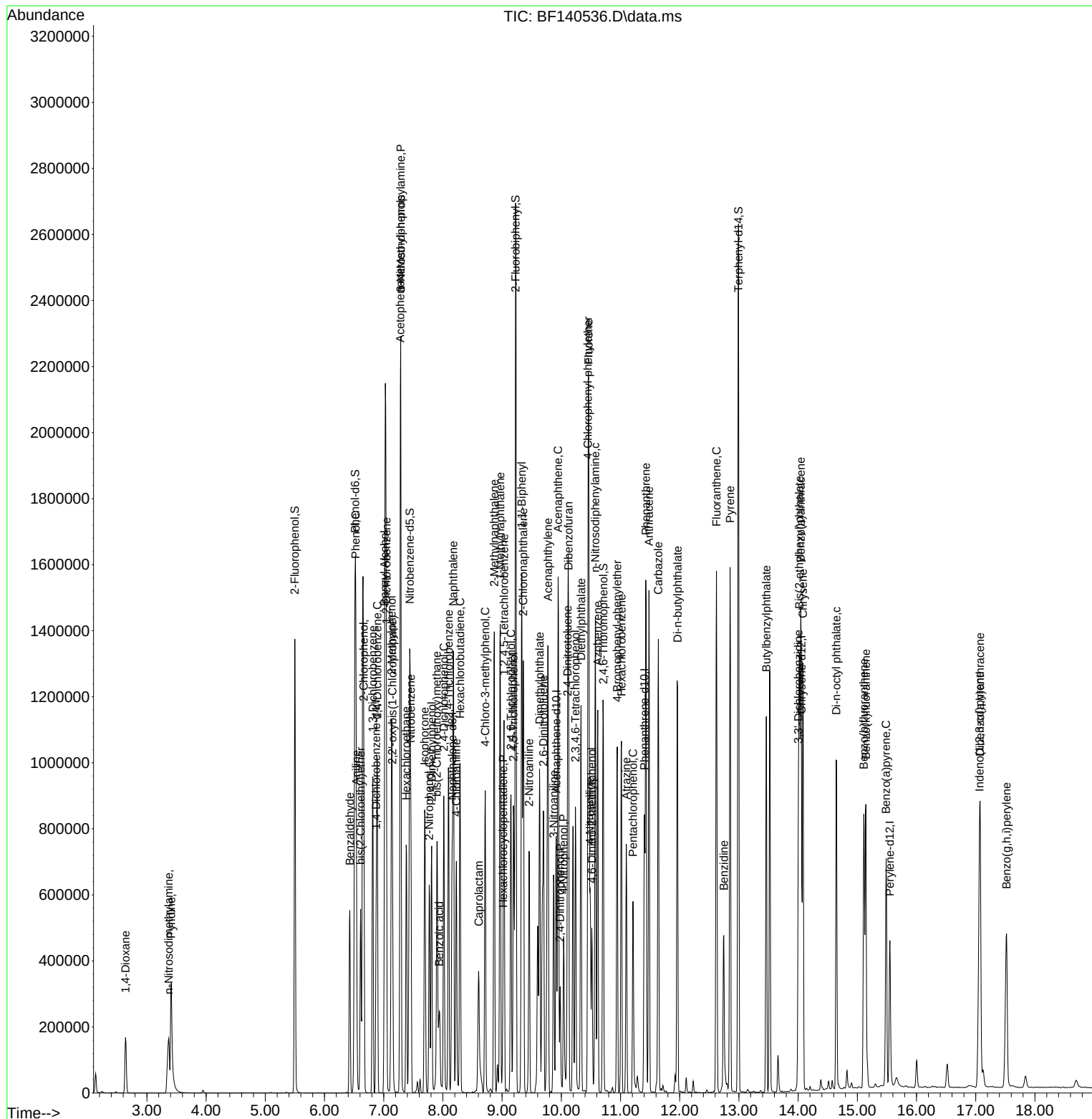
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Data File : BF140536.D  
Acq On    : 21 Nov 2024   15:07  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 11    Sample Multiplier: 1
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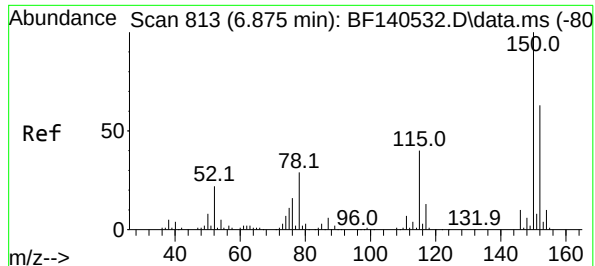
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

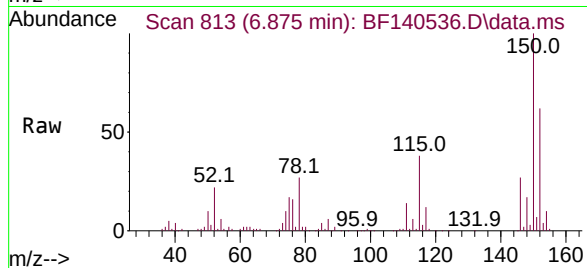
Quant Time: Nov 21 16:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

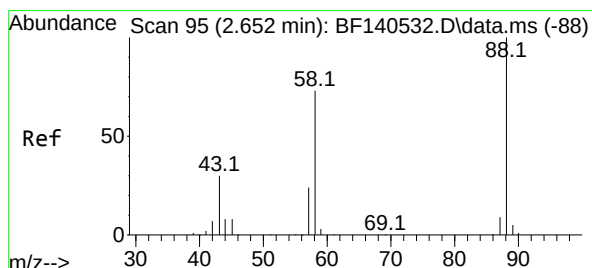
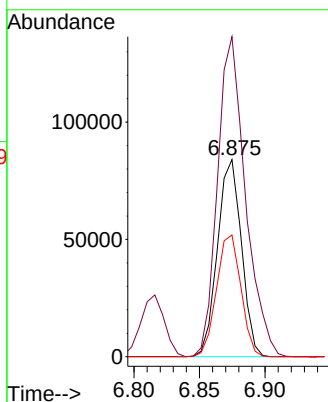
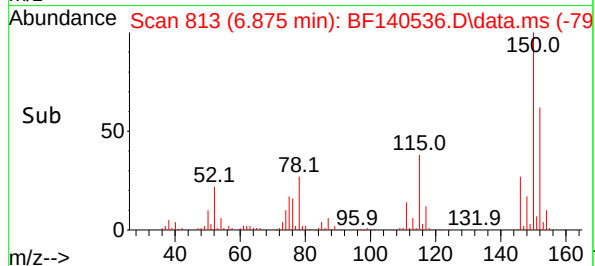
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:152 Resp: 106835
Ion Ratio Lower Upper
152 100
150 162.4 128.5 192.7
115 61.8 50.2 75.4

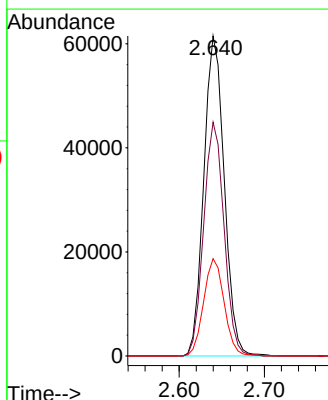
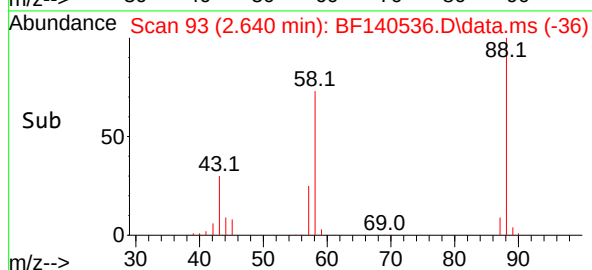
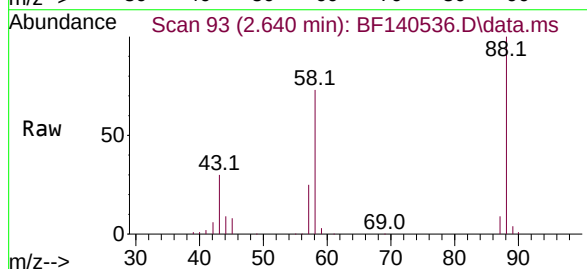
Manual Integrations
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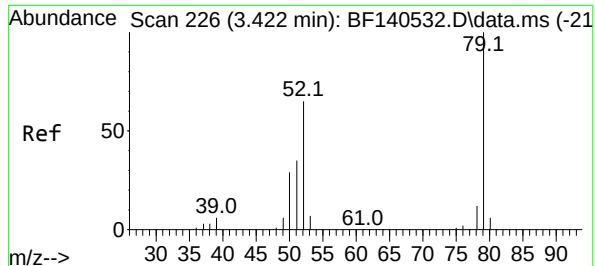
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 39.036 ng
RT: 2.640 min Scan# 93
Delta R.T. -0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 88 Resp: 102768
Ion Ratio Lower Upper
88 100
58 72.6 57.4 86.2
43 30.5 24.3 36.5





#3

Pyridine

Concen: 44.701 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 79 Resp: 25892

Ion Ratio Lower Upper

79 100

52 66.6 52.1 78.1

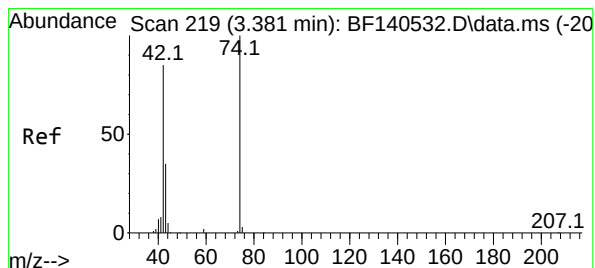
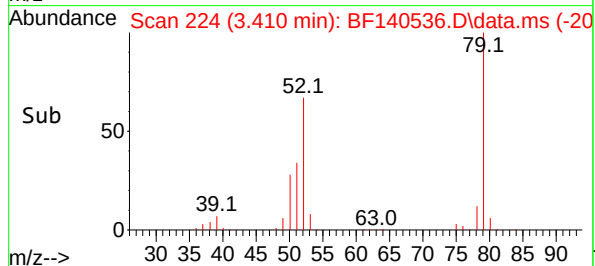
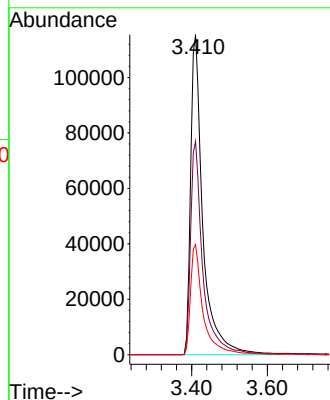
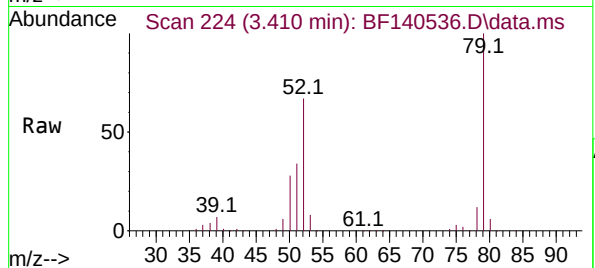
51 34.4 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 41.184 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

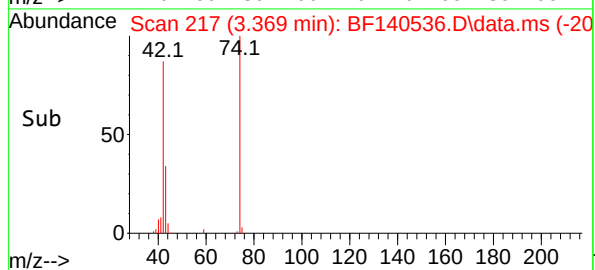
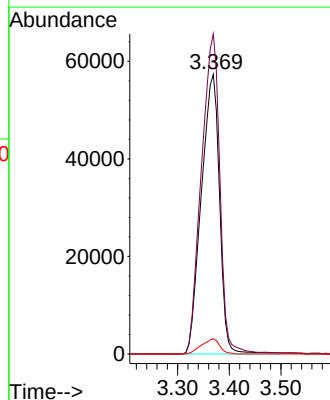
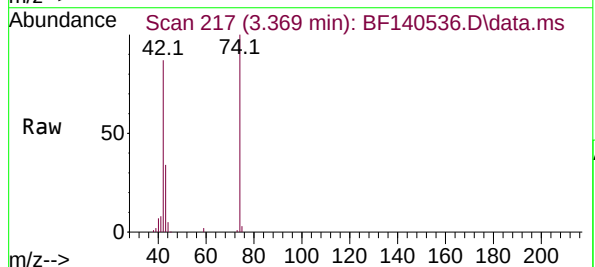
Tgt Ion: 42 Resp: 140208

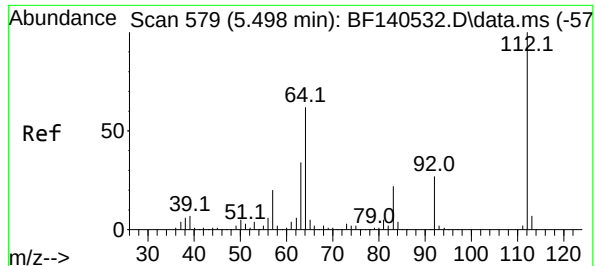
Ion Ratio Lower Upper

42 100

74 114.5 93.8 140.6

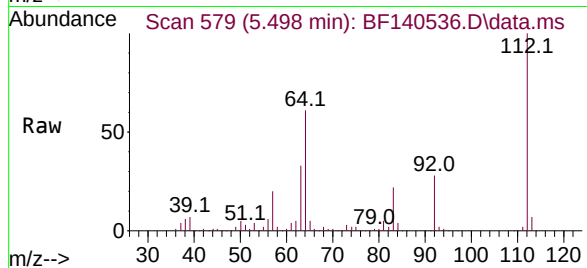
44 5.5 4.6 6.8





#5
2-Fluorophenol
Concen: 79.009 ng
RT: 5.498 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

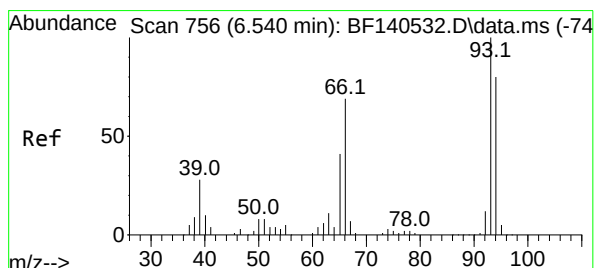
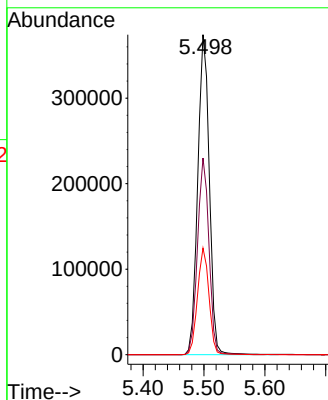
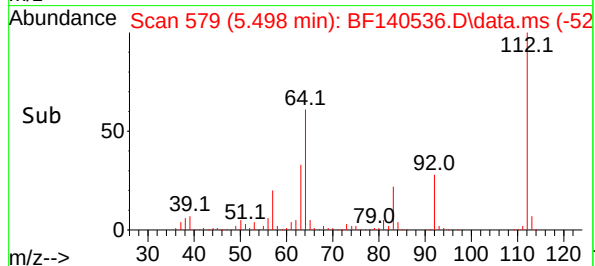
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:112 Resp: 49471
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.3 27.0 40.4

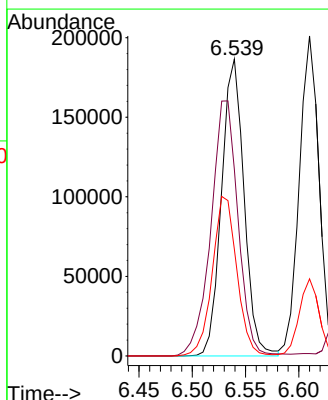
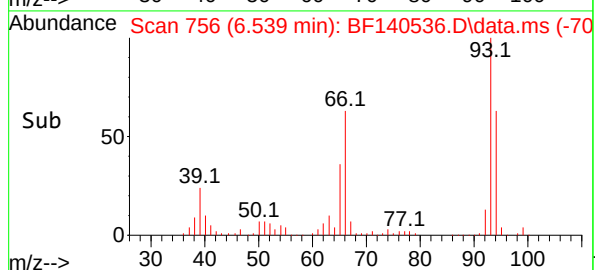
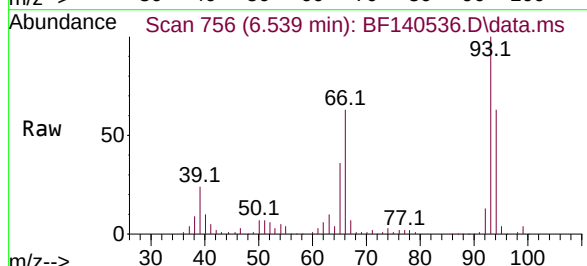
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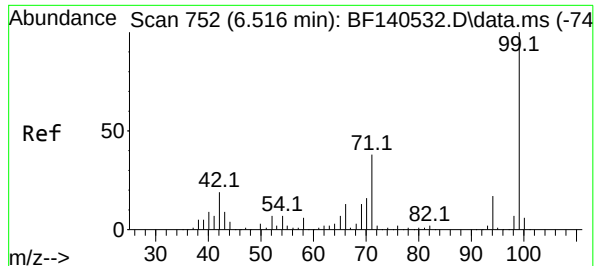
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 47.067 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 93 Resp: 274234
Ion Ratio Lower Upper
93 100
66 62.8 56.5 84.7
65 35.9 32.9 49.3





#7

Phenol-d6

Concen: 81.459 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 99 Resp: 674309

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.0

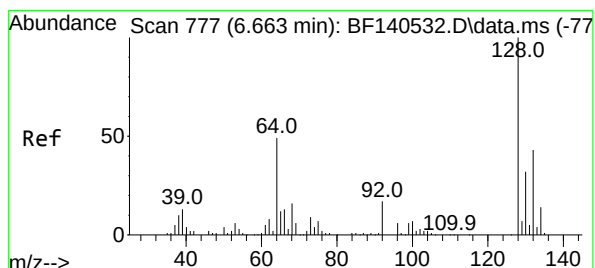
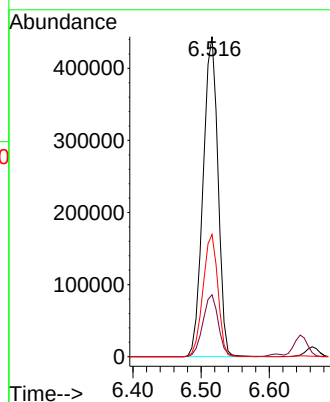
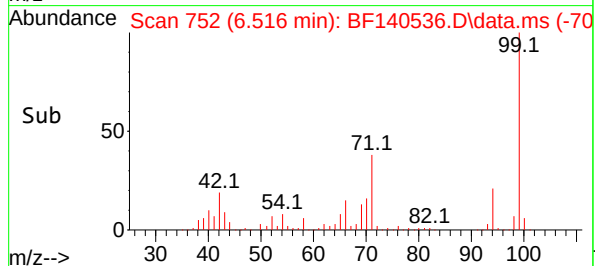
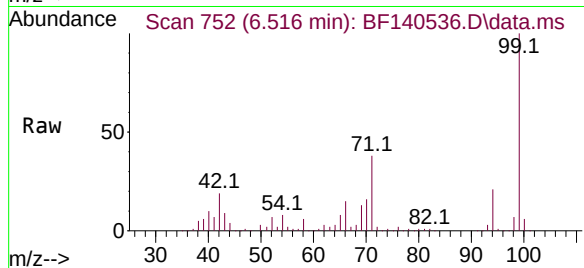
71 38.2 30.6 46.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#8

2-Chlorophenol

Concen: 40.191 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

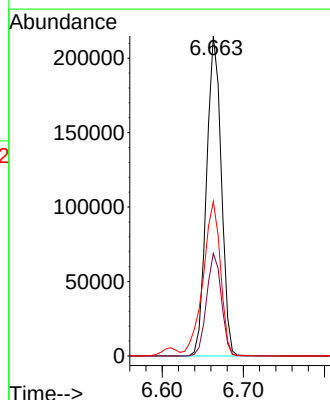
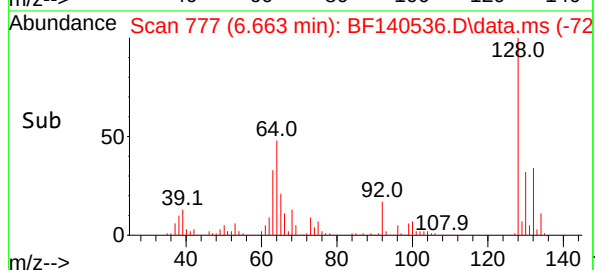
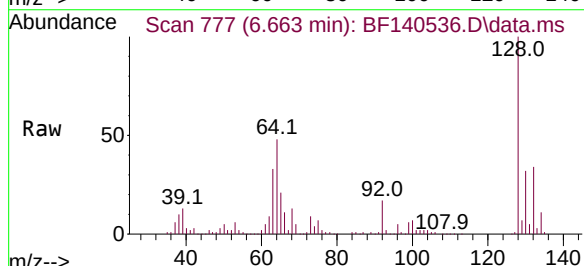
Tgt Ion:128 Resp: 270746

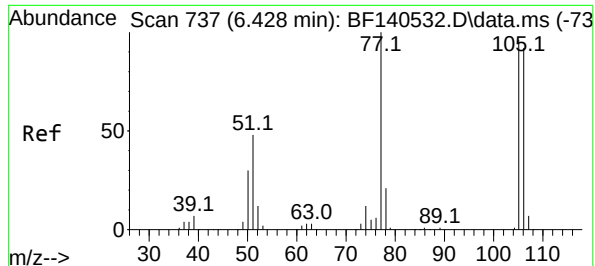
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 48.3 30.2 70.2





#9

Benzaldehyde

Concen: 36.939 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 77 Resp: 16187

Ion Ratio Lower Upper

77 100

105 95.9 75.6 115.6

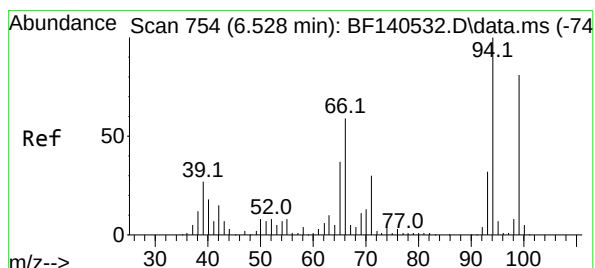
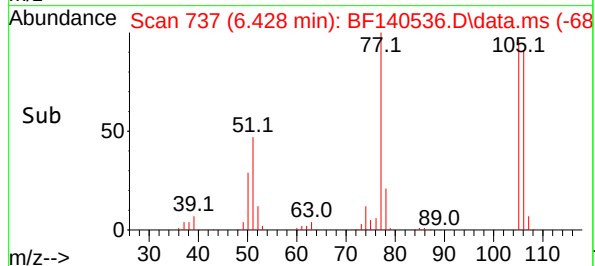
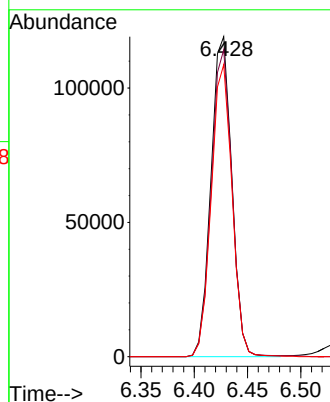
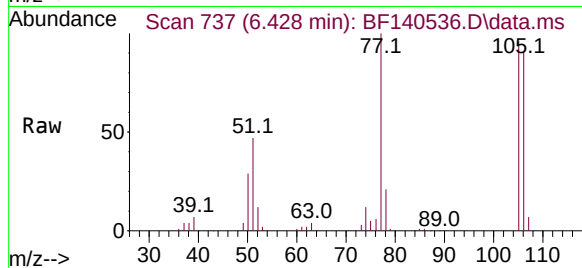
106 91.2 72.0 112.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 41.030 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

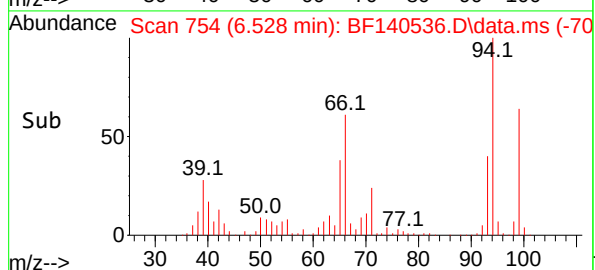
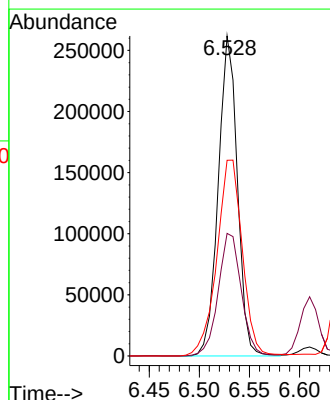
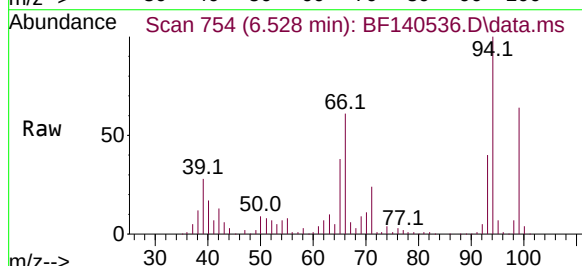
Tgt Ion: 94 Resp: 346860

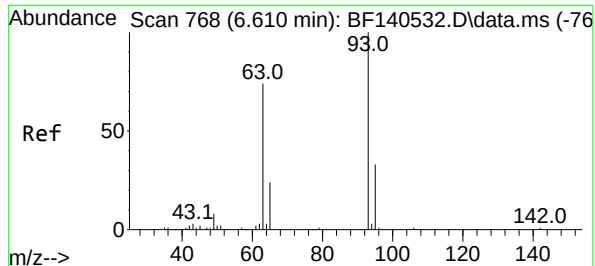
Ion Ratio Lower Upper

94 100

65 38.3 17.2 57.2

66 61.2 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 39.796 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 93 Resp: 25744

Ion Ratio Lower Upper

93 100

63 73.7 52.8 92.8

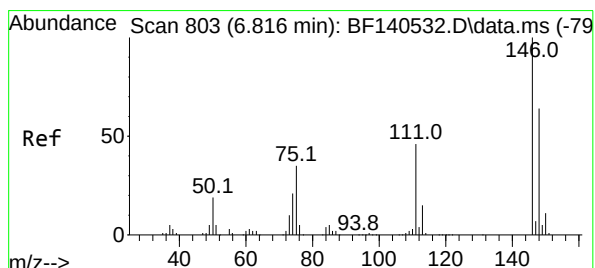
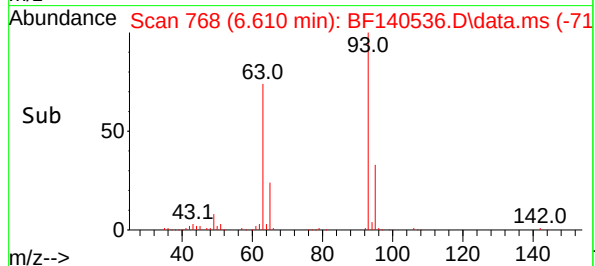
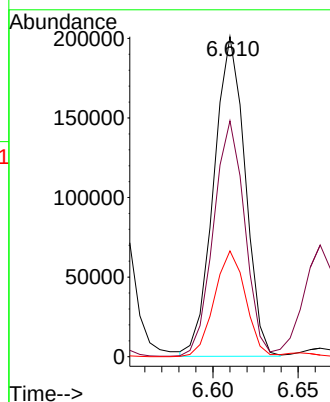
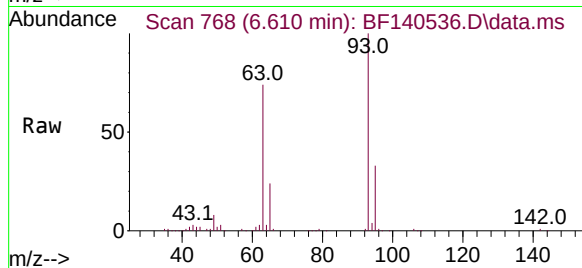
95 33.0 12.3 52.3

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 39.732 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

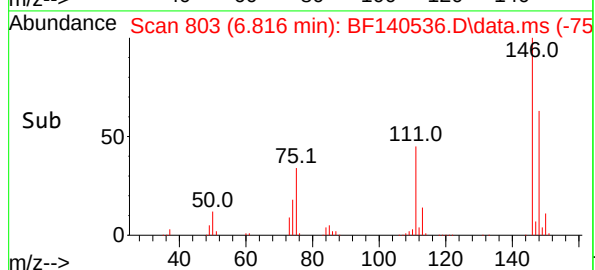
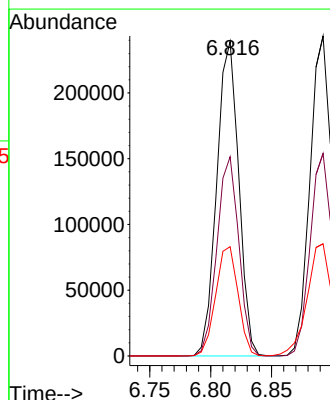
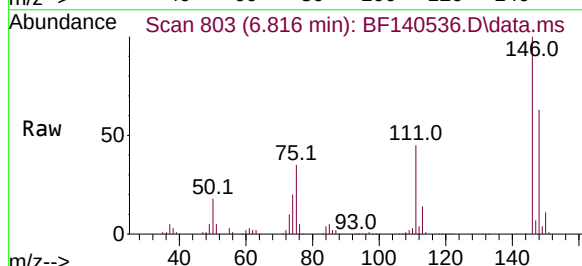
Tgt Ion:146 Resp: 300749

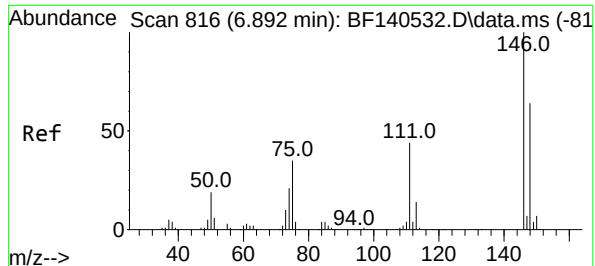
Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

75 34.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.668 ng

RT: 6.892 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:146 Resp: 304030

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

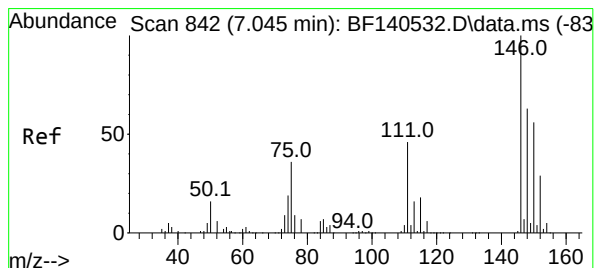
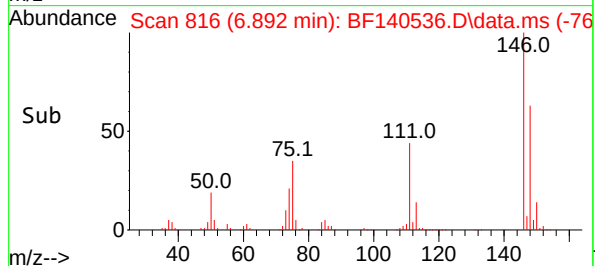
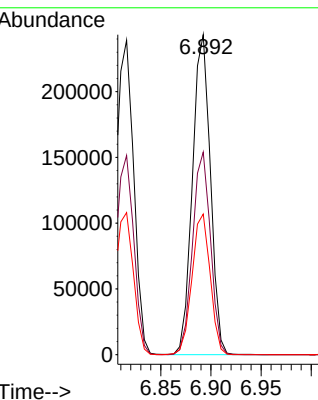
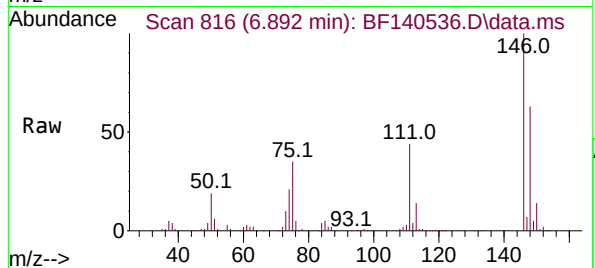
111 44.0 35.3 52.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#14

1,2-Dichlorobenzene

Concen: 39.406 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

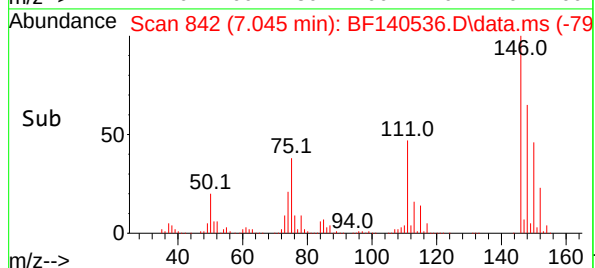
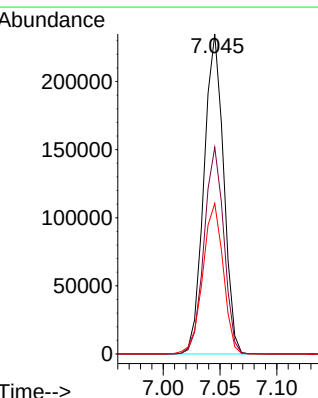
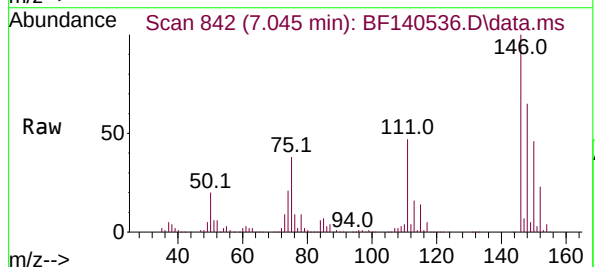
Tgt Ion:146 Resp: 283001

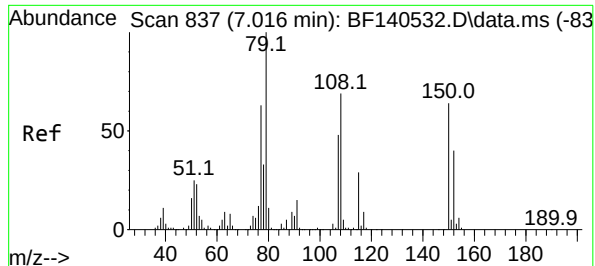
Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

111 47.1 36.7 55.1





#15

Benzyl Alcohol

Concen: 41.993 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 79 Resp: 25778

Ion Ratio Lower Upper

79 100

108 70.9 55.0 82.6

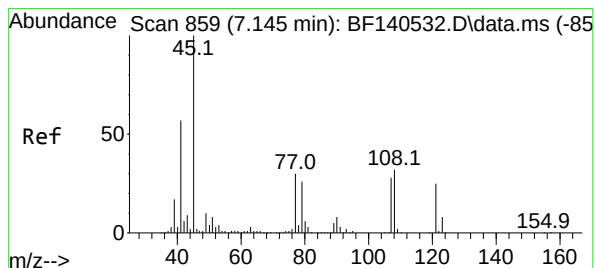
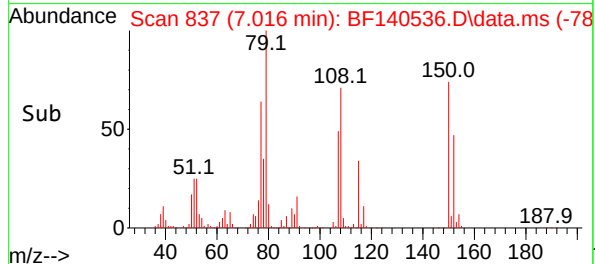
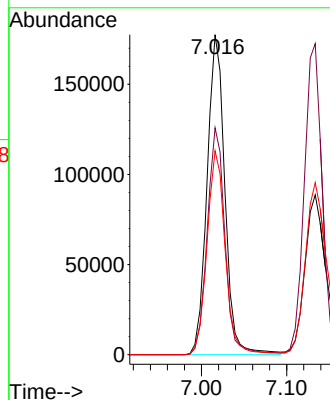
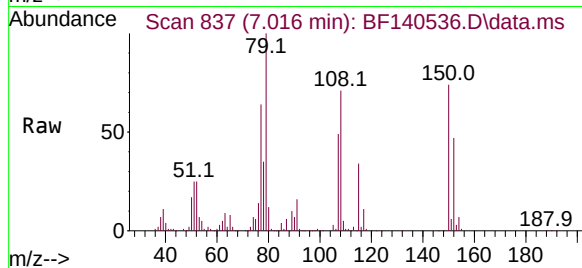
77 63.7 50.1 75.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.183 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

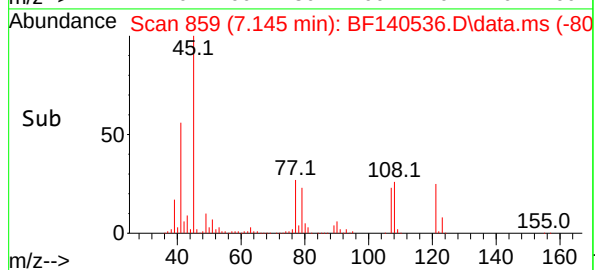
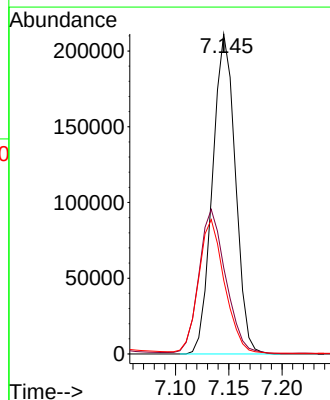
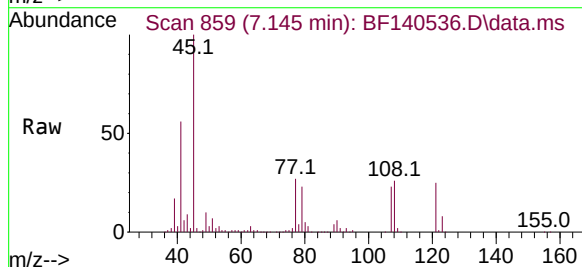
Tgt Ion: 45 Resp: 314742

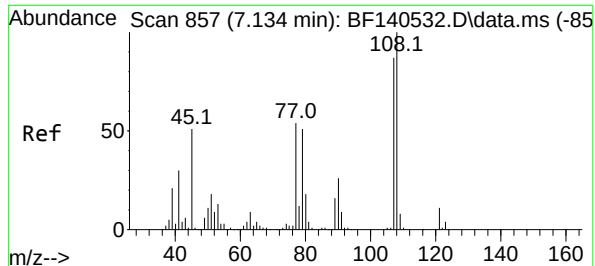
Ion Ratio Lower Upper

45 100

77 26.9 10.7 50.7

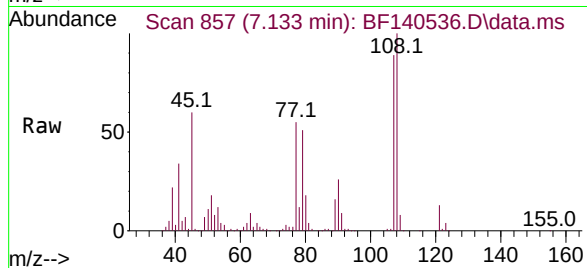
79 23.0 7.0 47.0





#17
2-Methylphenol
Concen: 41.606 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

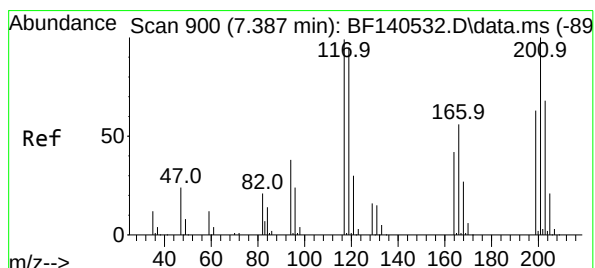
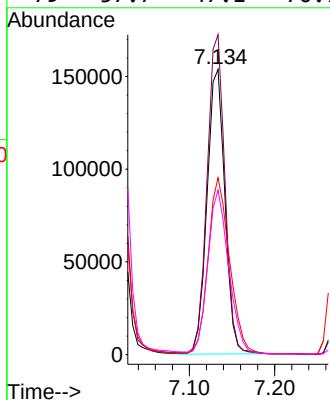
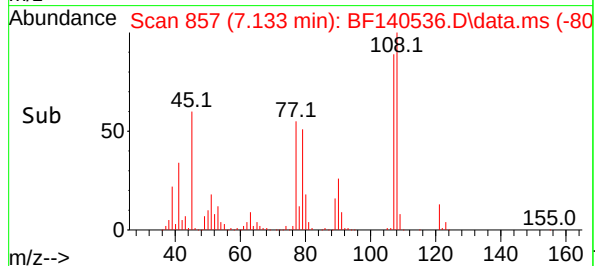
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



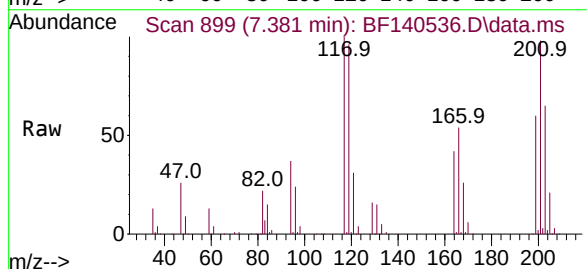
Tgt Ion:107 Resp: 224359
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 62.0 49.3 73.9
79 57.7 47.1 70.7

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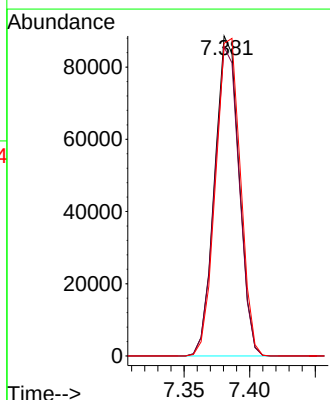
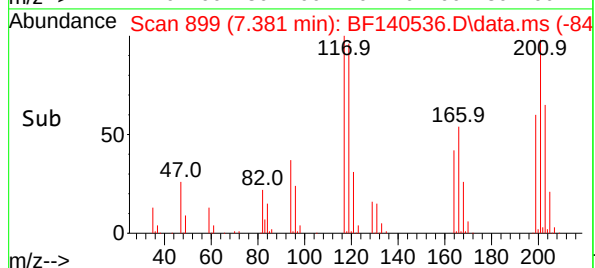
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

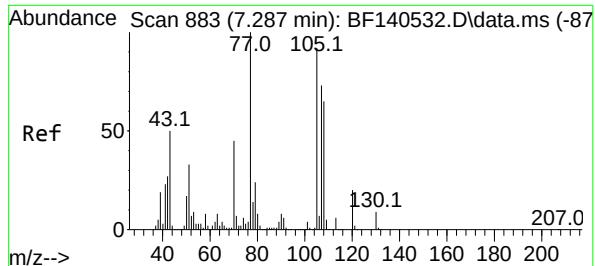


#18
Hexachloroethane
Concen: 40.108 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:117 Resp: 114809
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 97.7 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.038 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 70 Resp: 205658

Ion Ratio Lower Upper

70 100

42 58.8 47.6 71.4

101 9.8 7.6 11.4

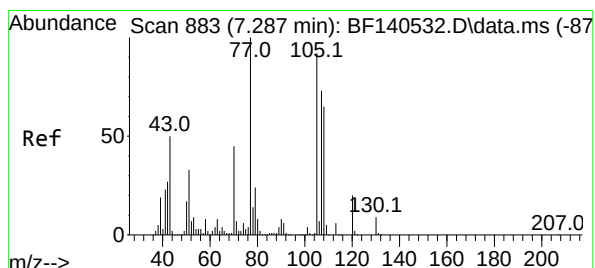
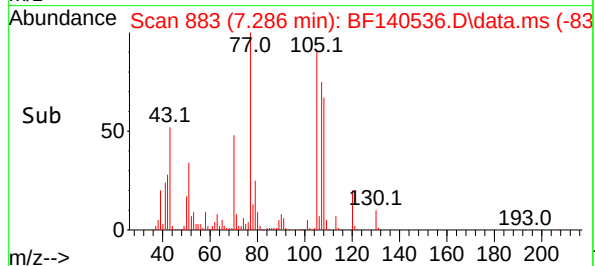
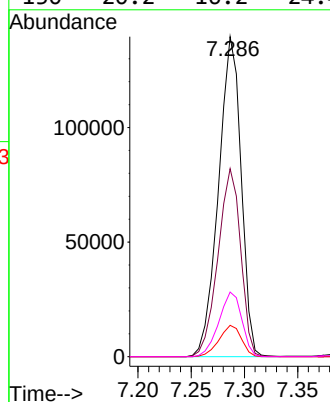
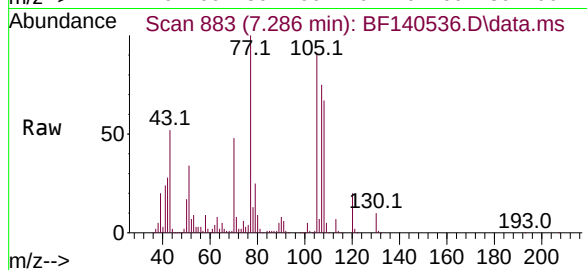
130 20.2 16.2 24.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 41.536 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:107 Resp: 287897

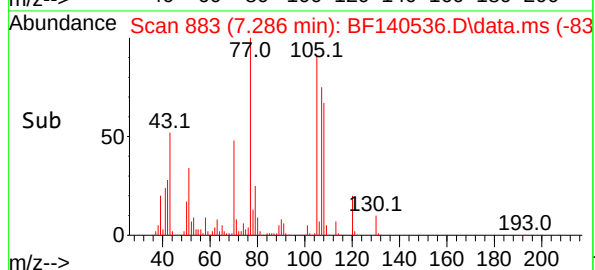
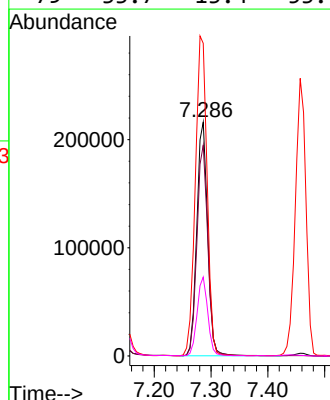
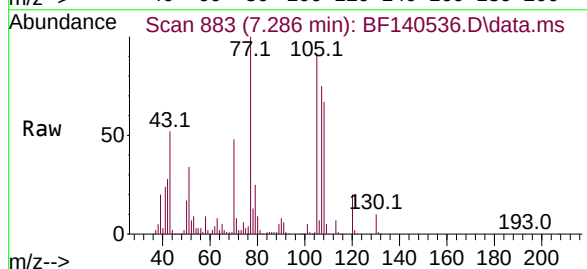
Ion Ratio Lower Upper

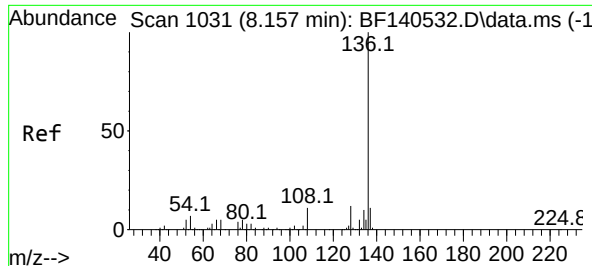
107 100

108 90.2 69.9 109.9

77 133.8 117.7 157.7

79 33.7 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140536.D

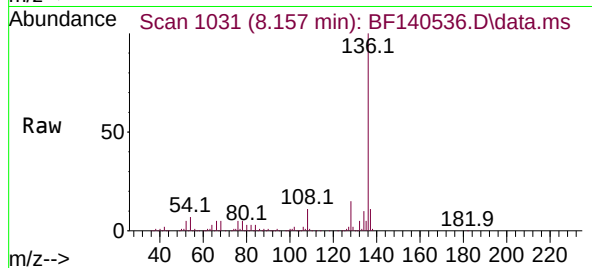
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:136 Resp: 417612

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.9 5.8 8.8

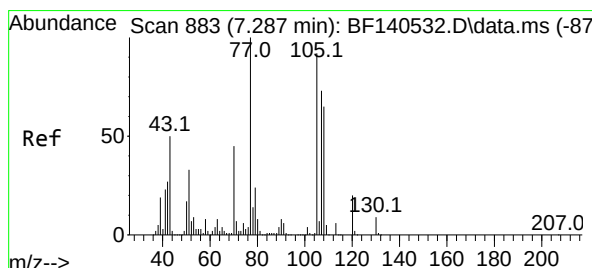
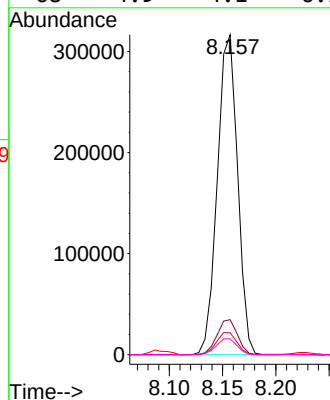
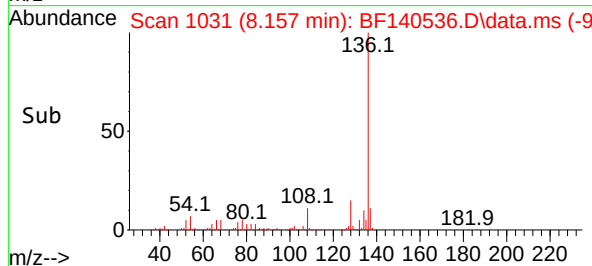
68 4.9 4.1 6.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#22

Acetophenone

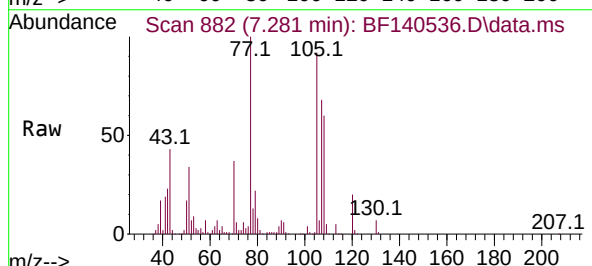
Concen: 38.963 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07



Tgt Ion:105 Resp: 396692

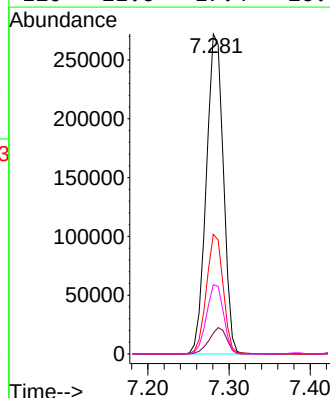
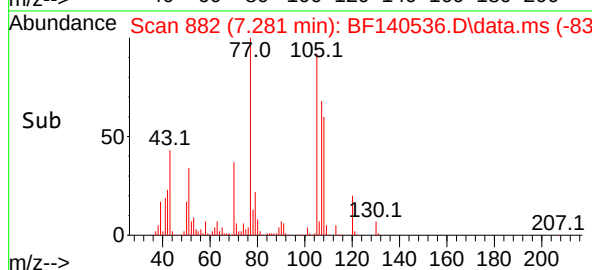
Ion Ratio Lower Upper

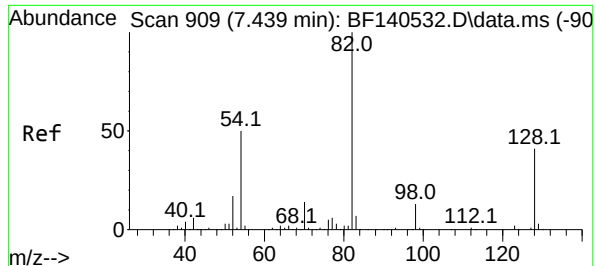
105 100

71 6.5 6.2 9.2

51 37.4 29.0 43.6

120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 78.907 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 82 Resp: 644220

Ion Ratio Lower Upper

82 100

128 42.1 33.0 49.4

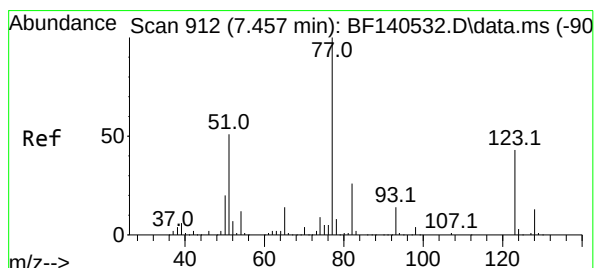
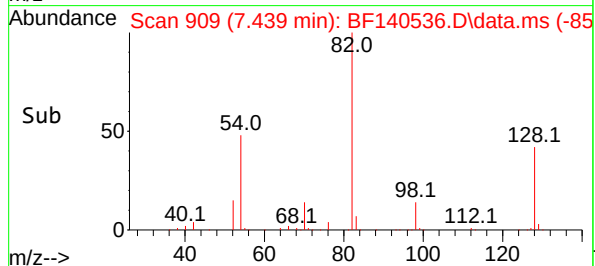
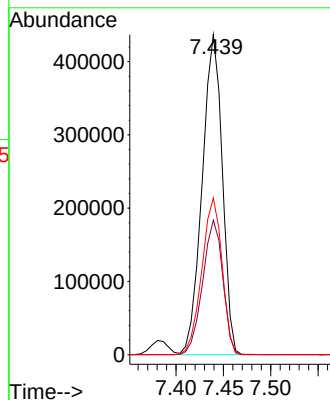
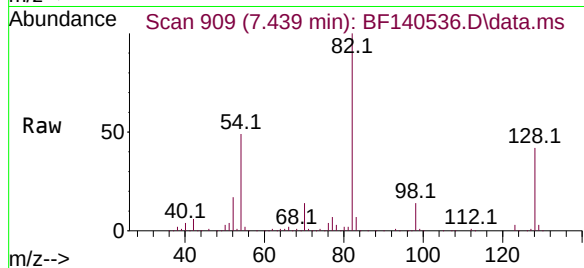
54 49.0 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 39.127 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

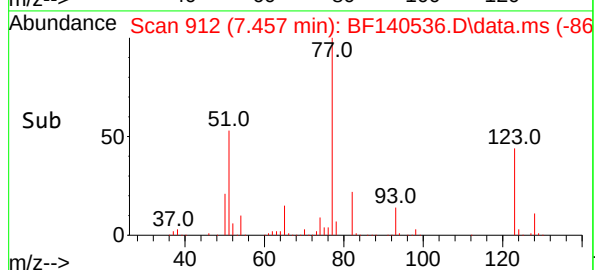
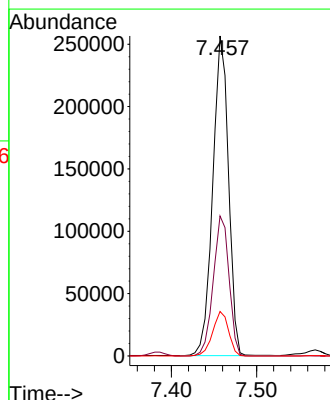
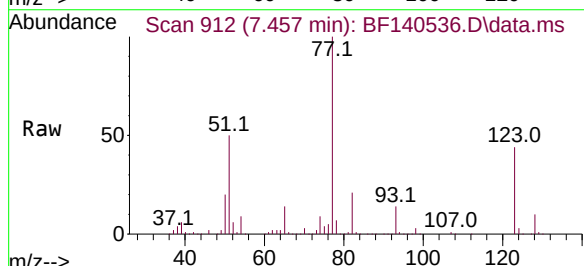
Tgt Ion: 77 Resp: 330161

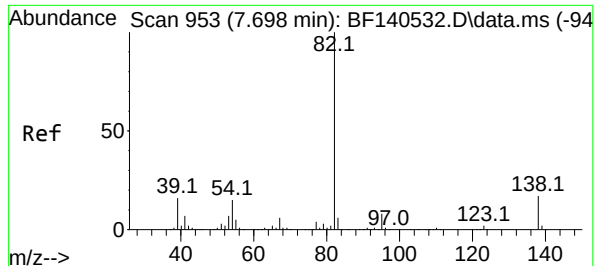
Ion Ratio Lower Upper

77 100

123 43.8 34.3 51.5

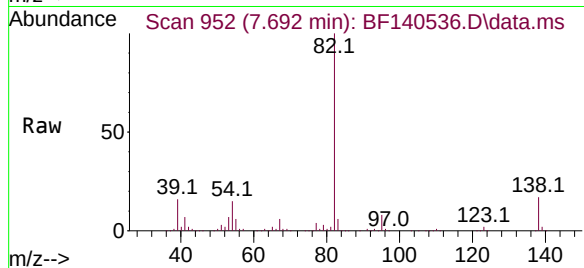
65 13.9 11.2 16.8





#25
Isophorone
Concen: 40.332 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

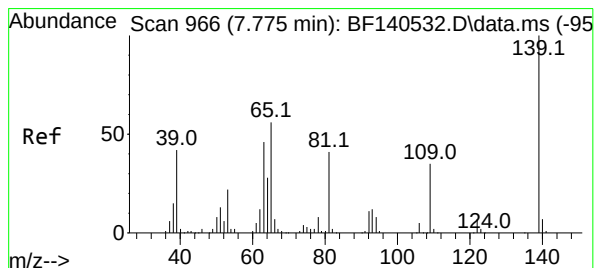
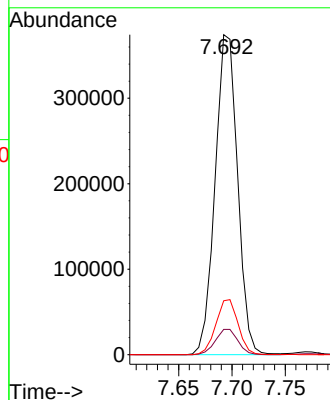
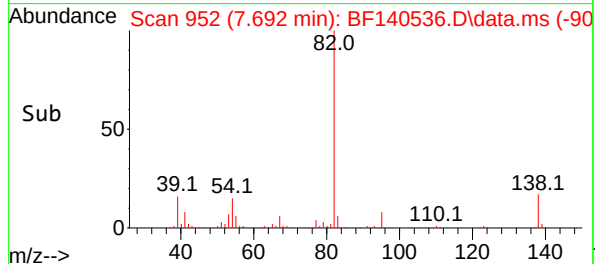
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion: 82 Resp: 54922
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.9 13.8 20.6

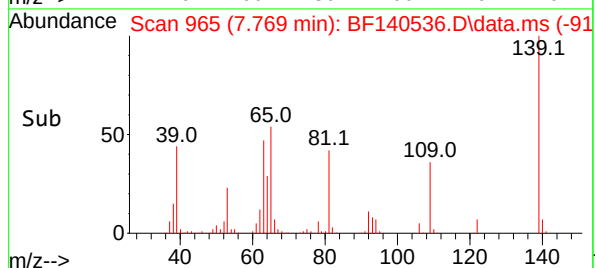
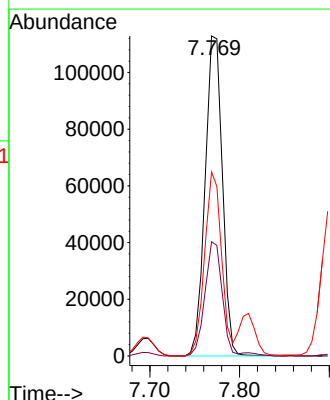
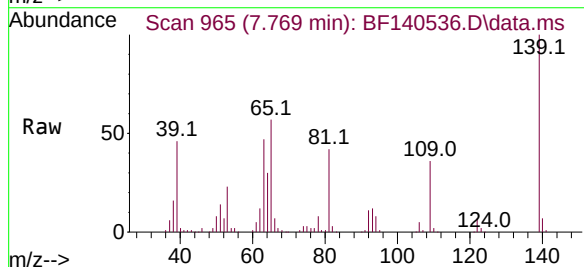
Manual Integrations
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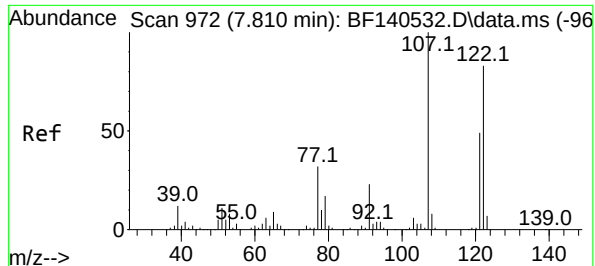
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 40.372 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:139 Resp: 150969
Ion Ratio Lower Upper
139 100
109 35.7 28.0 42.0
65 57.5 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 39.568 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:122 Resp: 17703

Ion Ratio Lower Upper

122 100

107 120.3 96.8 145.2

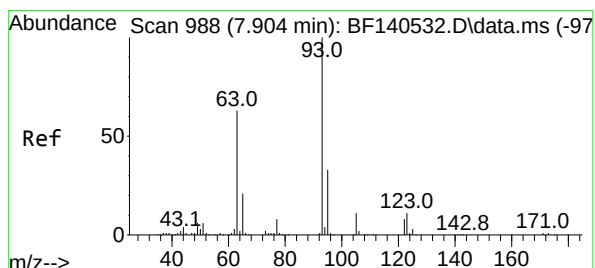
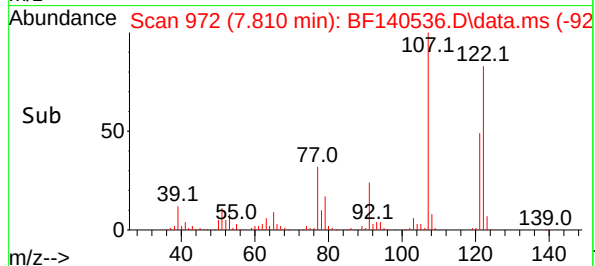
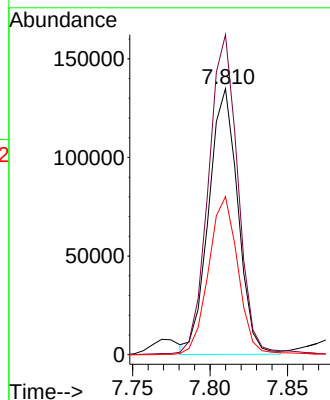
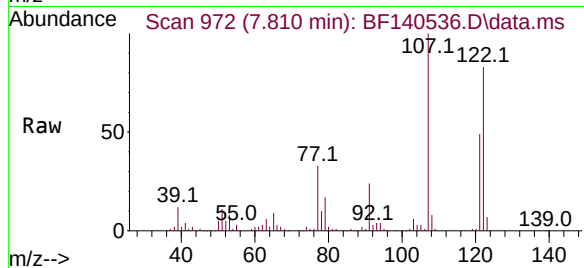
121 59.4 47.4 71.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.938 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

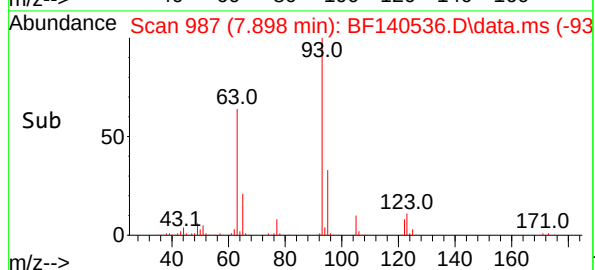
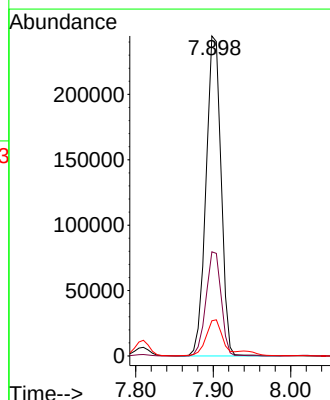
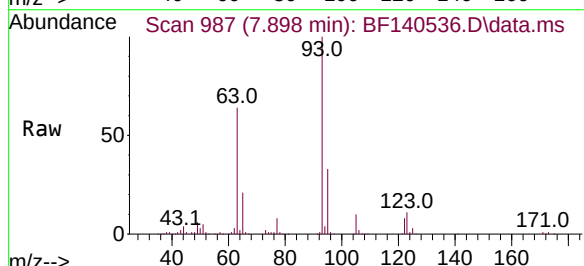
Tgt Ion: 93 Resp: 331321

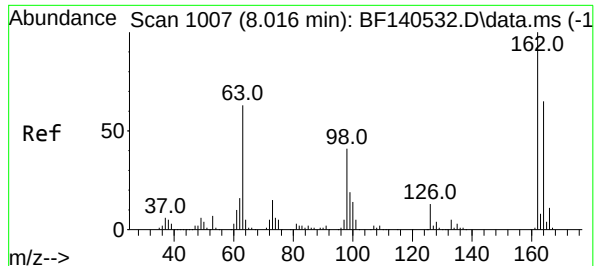
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.952 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140536.D

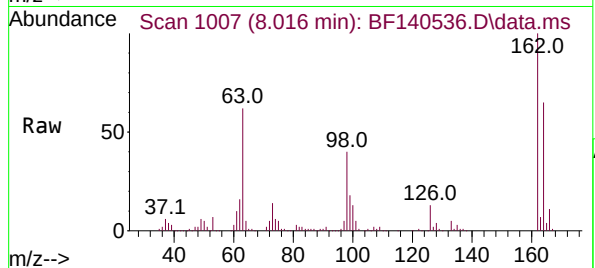
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:162 Resp: 23685

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

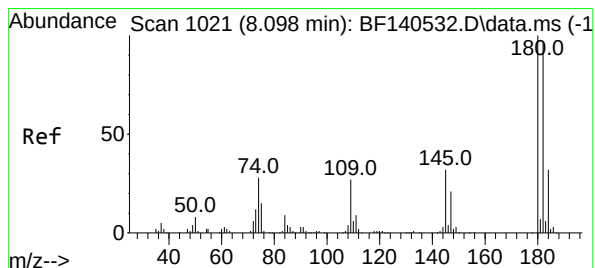
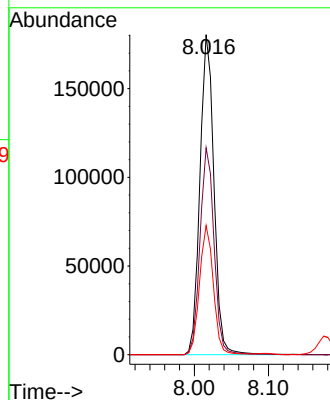
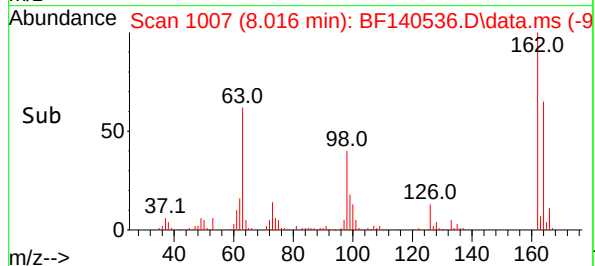
98 40.3 21.2 61.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

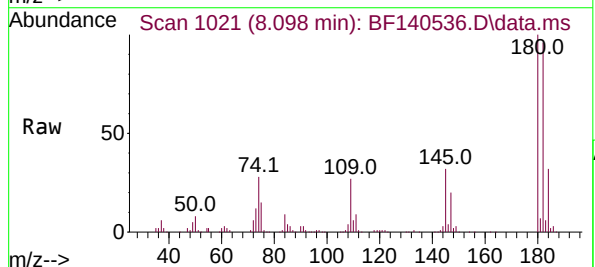
Concen: 38.901 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07



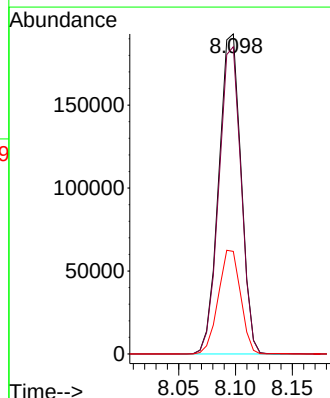
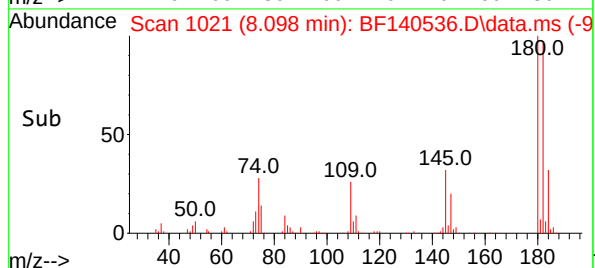
Tgt Ion:180 Resp: 263327

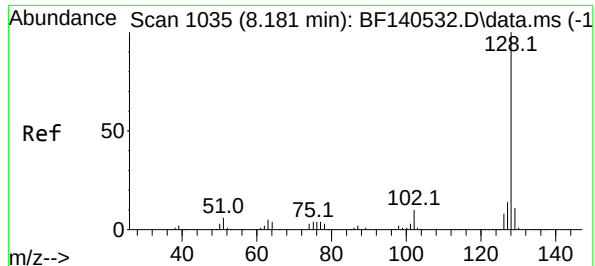
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 32.1 25.9 38.9





#31

Naphthalene

Concen: 39.152 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:128 Resp: 84218

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

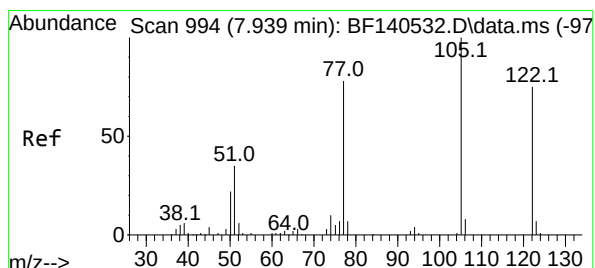
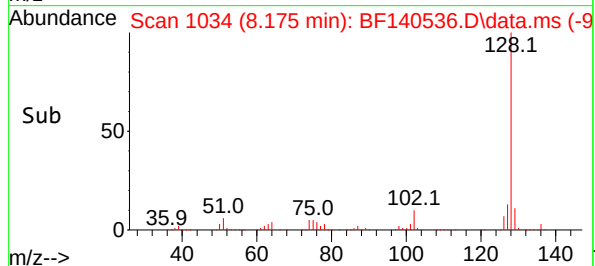
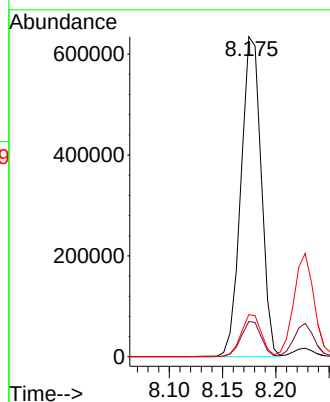
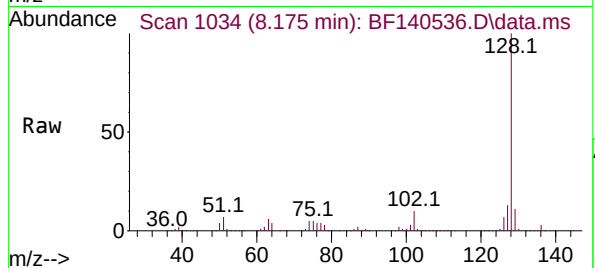
127 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#32

Benzoic acid

Concen: 41.429 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

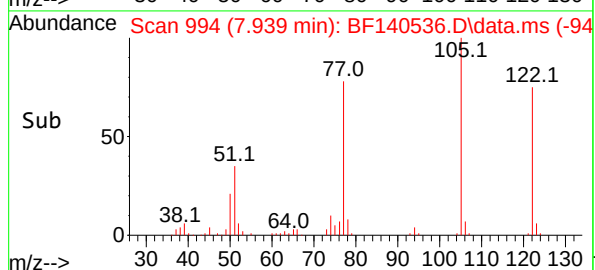
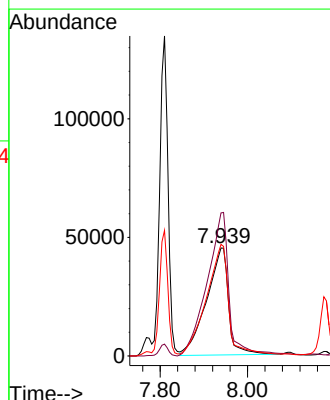
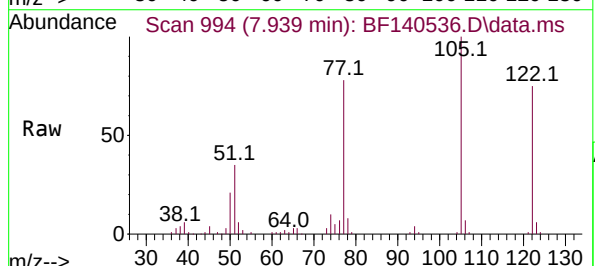
Tgt Ion:122 Resp: 156794

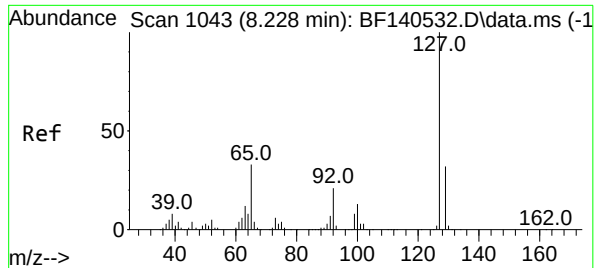
Ion Ratio Lower Upper

122 100

105 132.5 109.3 149.3

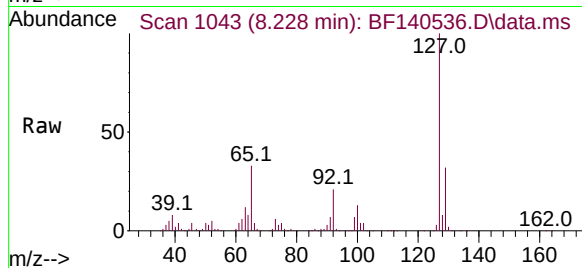
77 103.2 82.3 122.3





#33
4-Chloroaniline
Concen: 43.551 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

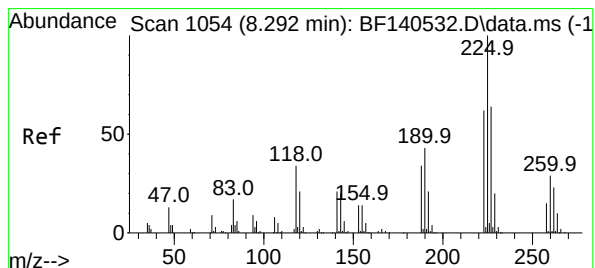
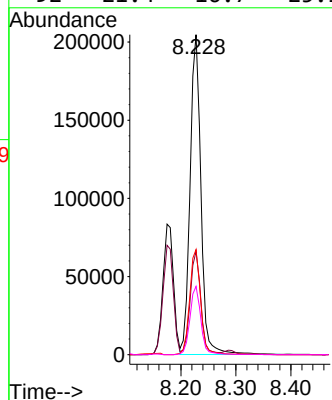
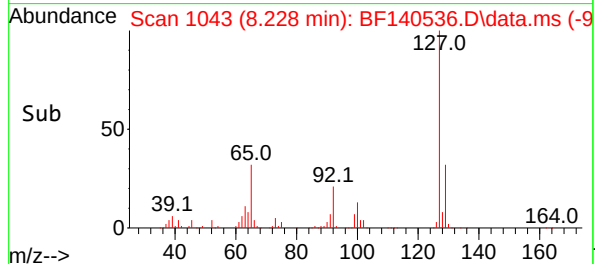
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:127 Resp: 28048
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 32.9 26.0 39.0
92 21.4 16.7 25.1

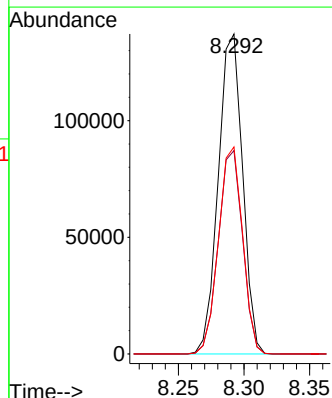
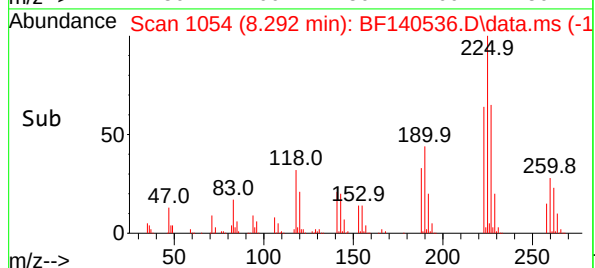
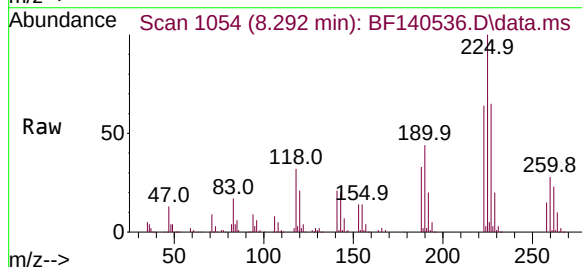
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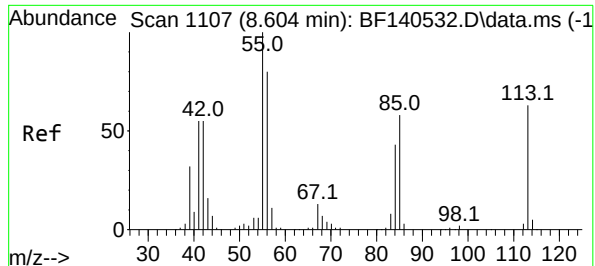
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 39.406 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:225 Resp: 176676
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.8
227 64.7 51.3 76.9





#35
Caprolactam
Concen: 40.381 ng
RT: 8.604 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

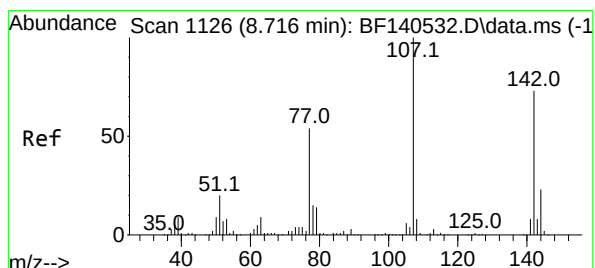
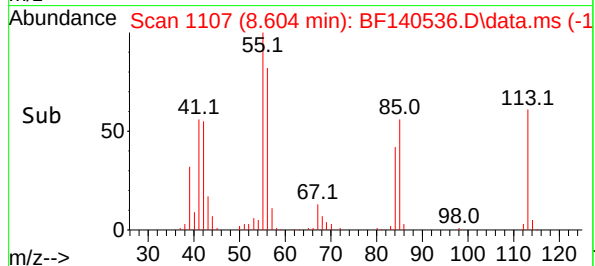
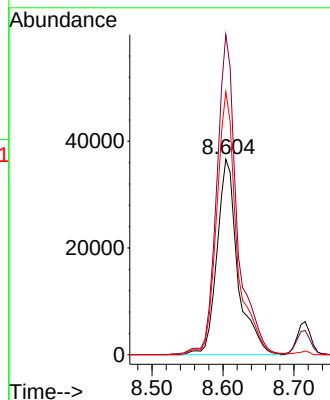
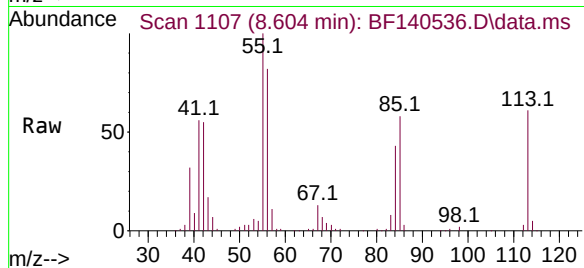
ClientSampleId :

ICVBF112124

Tgt Ion	Ratio	Lower	Upper
113	100		
55	163.7	137.7	177.7
56	134.5	106.4	146.4

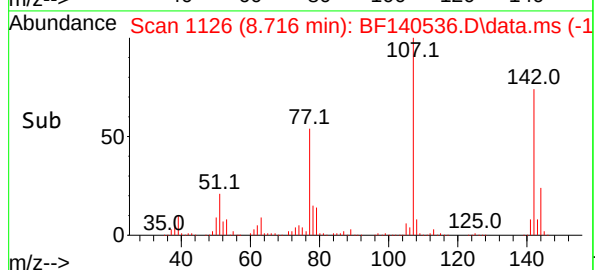
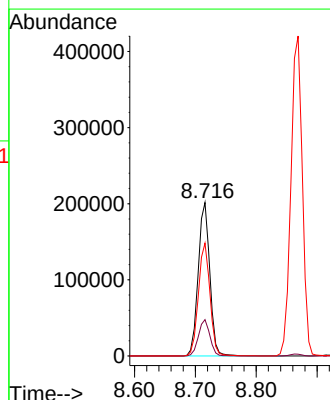
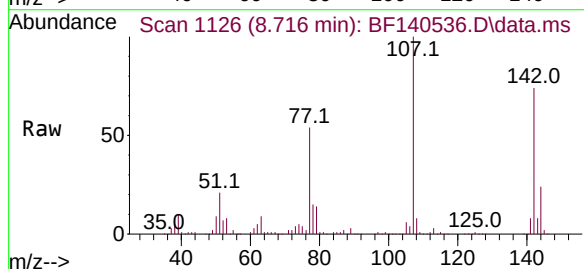
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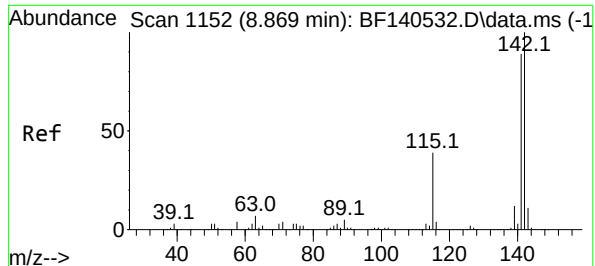
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 40.203 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	18.7	28.1
142	73.5	58.3	87.5





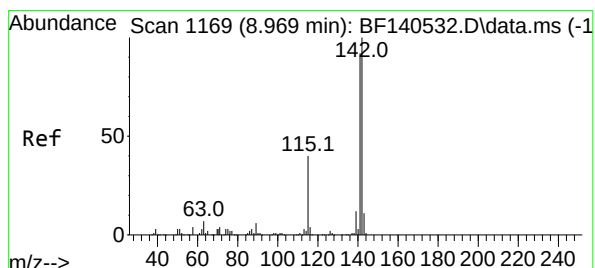
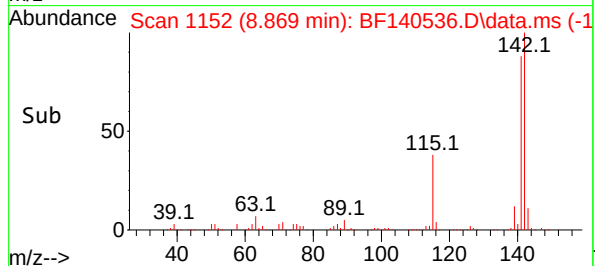
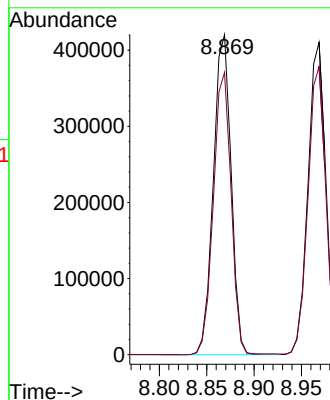
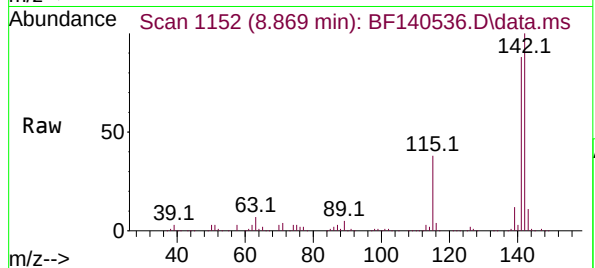
#37
2-Methylnaphthalene
Concen: 39.987 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:142 Resp: 54633
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6

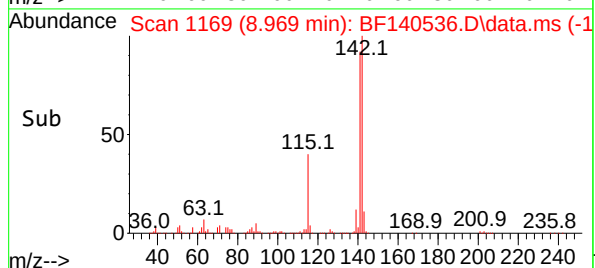
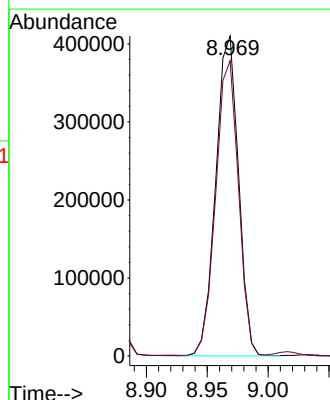
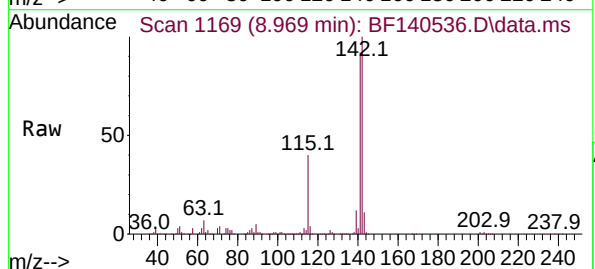
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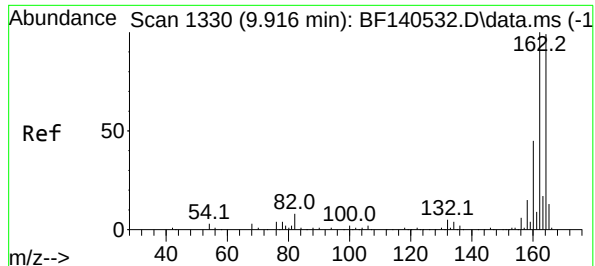
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 39.688 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:142 Resp: 531502
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140536.D

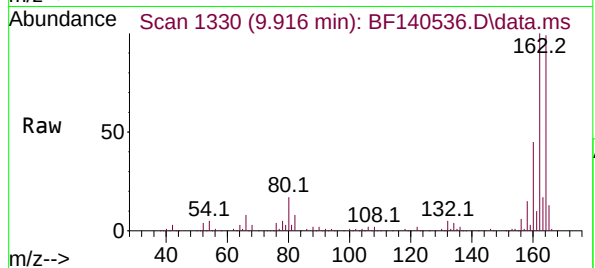
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:164 Resp: 239418

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

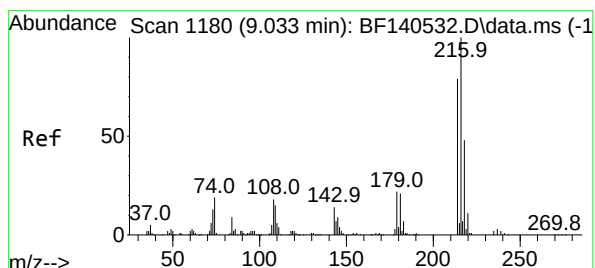
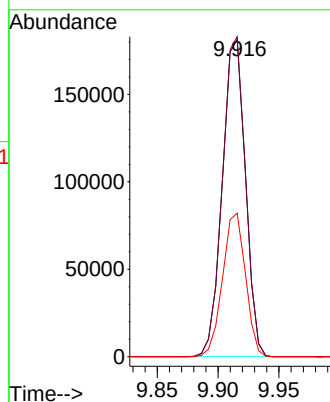
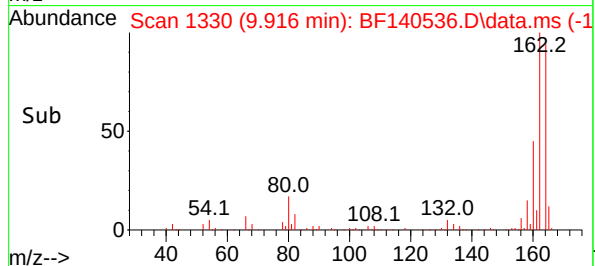
160 45.3 36.2 54.4

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Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

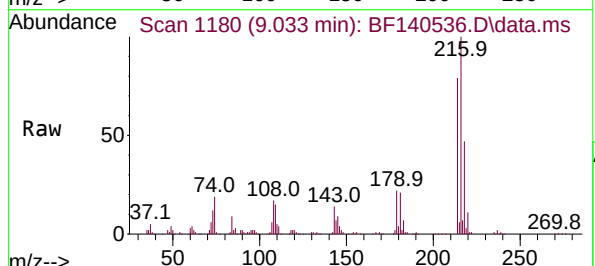
Concen: 38.824 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07



Tgt Ion:216 Resp: 272114

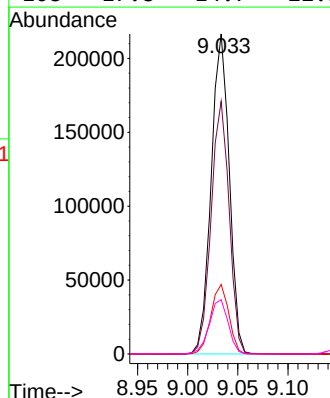
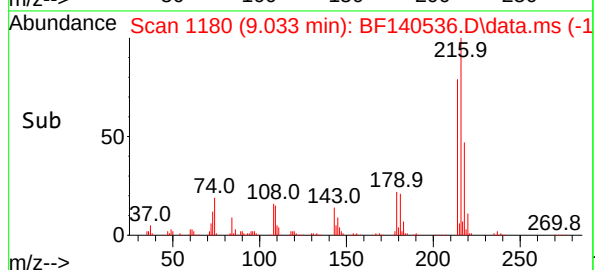
Ion Ratio Lower Upper

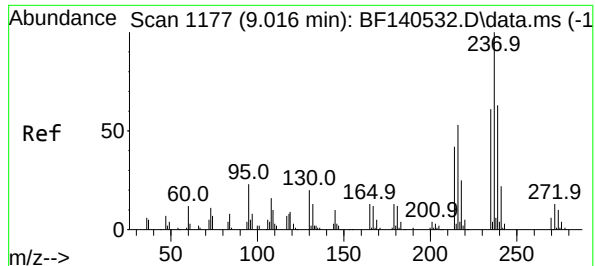
216 100

214 78.5 63.0 94.4

179 21.6 17.5 26.3

108 17.8 14.7 22.1





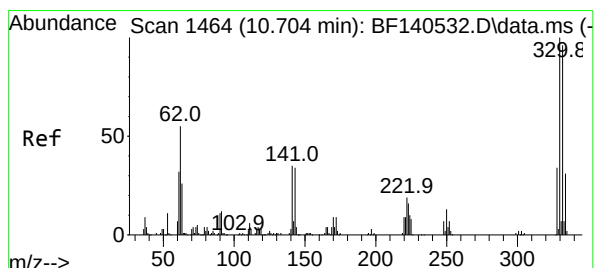
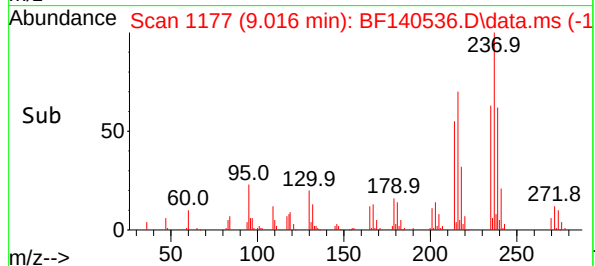
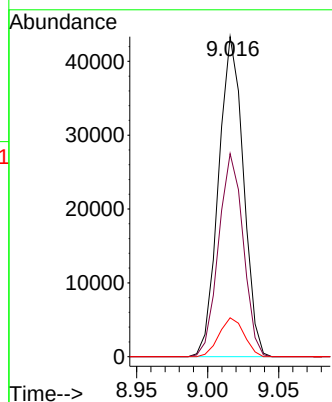
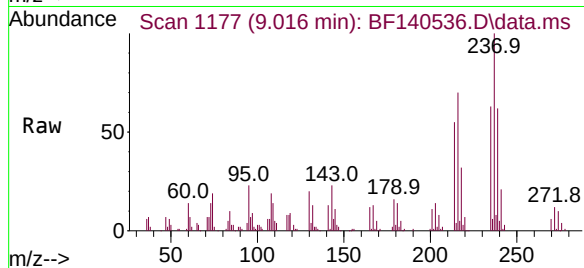
#41
Hexachlorocyclopentadiene
Concen: 37.711 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:237 Resp: 52730
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.2 0.0 32.6

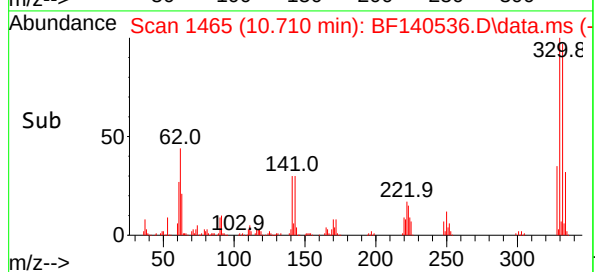
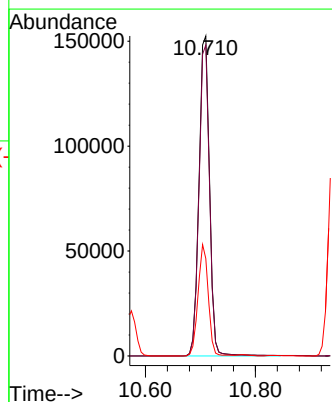
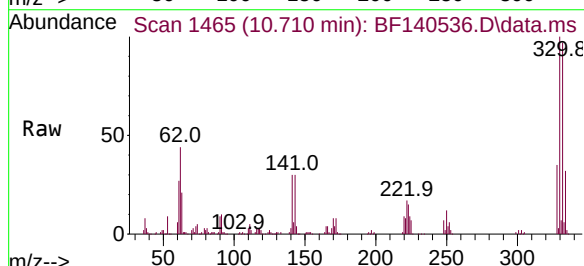
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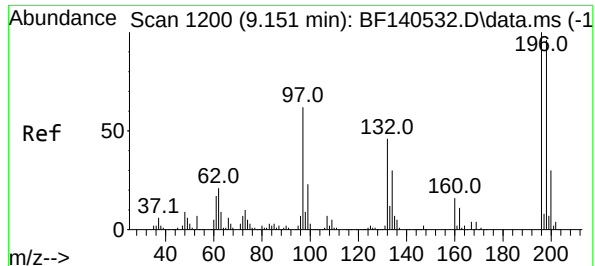
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 79.677 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:330 Resp: 204020
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 33.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.390 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF140536.D

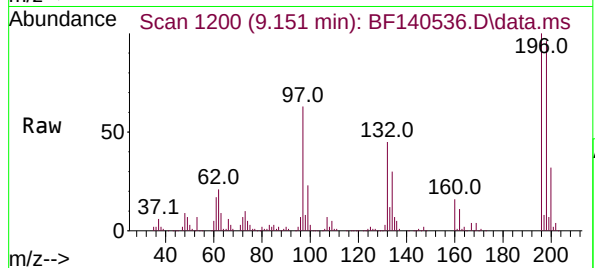
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:196 Resp: 173239

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

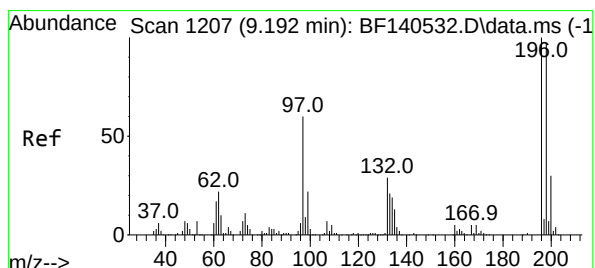
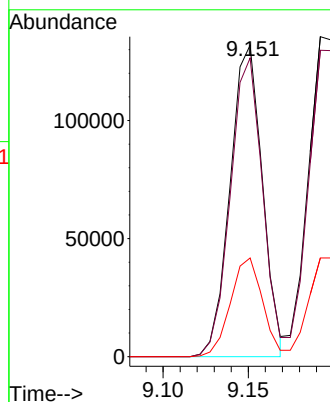
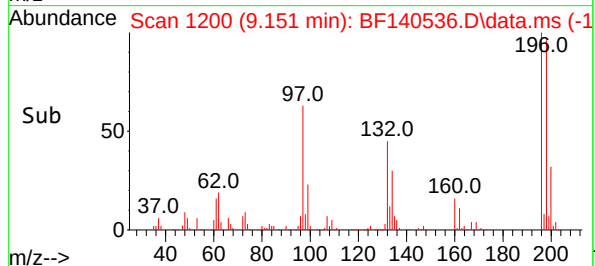
200 31.7 24.3 36.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

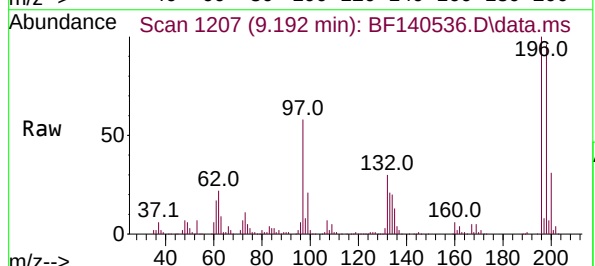
Concen: 40.302 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07



Tgt Ion:196 Resp: 192368

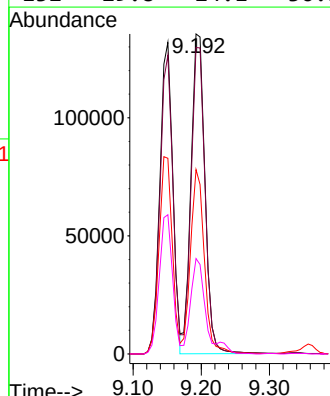
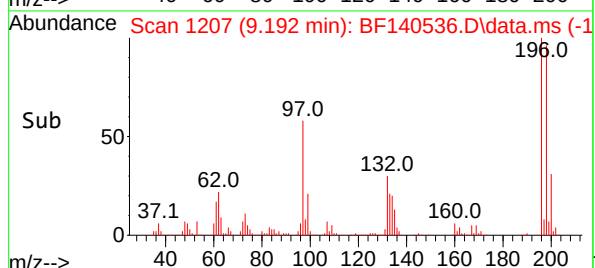
Ion Ratio Lower Upper

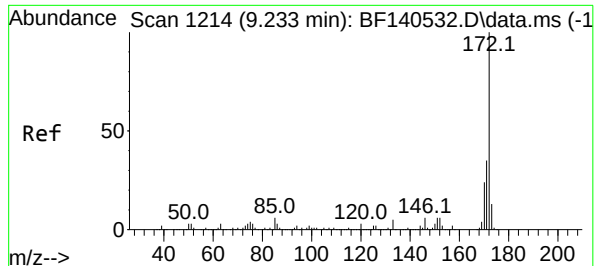
196 100

198 95.7 77.2 115.8

97 57.6 47.1 70.7

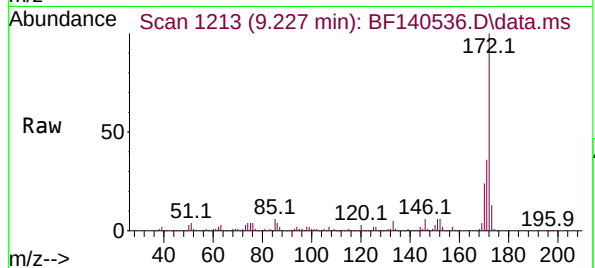
132 29.8 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 76.390 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

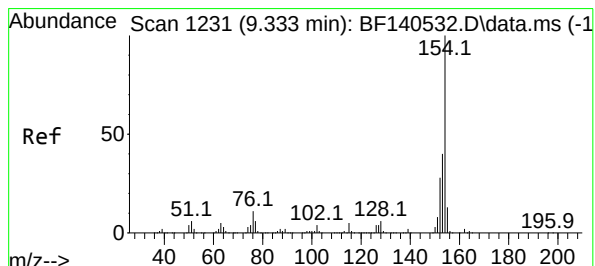
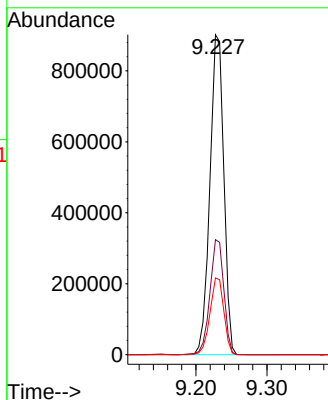
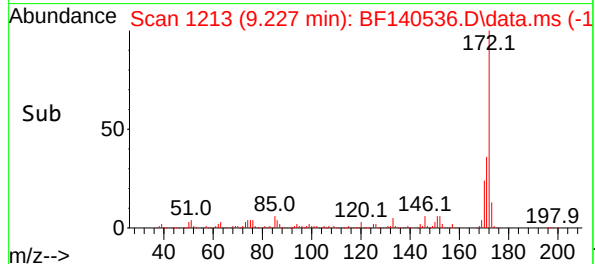
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:172 Resp: 122750
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.0 19.0 28.6

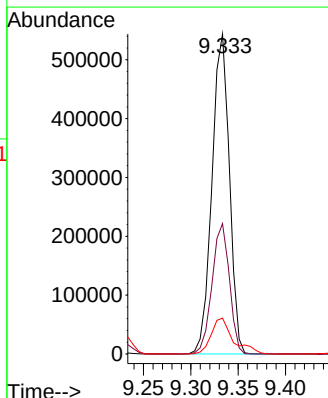
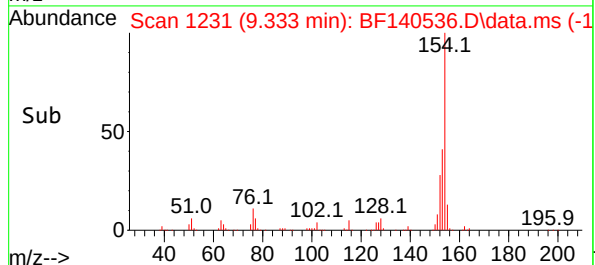
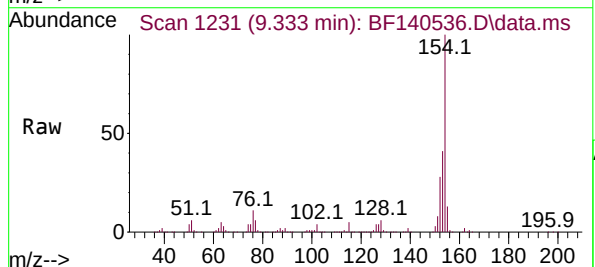
Manual Integrations
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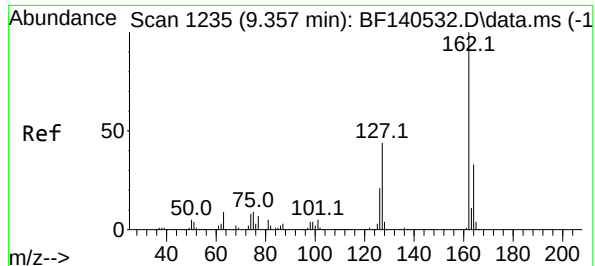
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 38.769 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:154 Resp: 693007
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.197 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140536.D

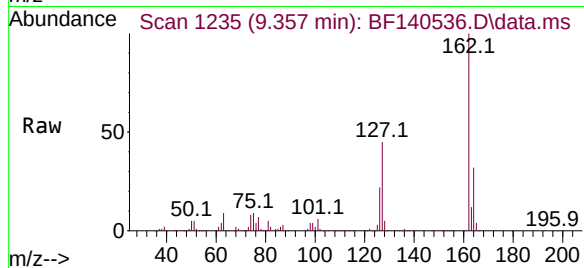
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:162 Resp: 53089

Ion Ratio Lower Upper

162 100

127 44.8 35.7 53.5

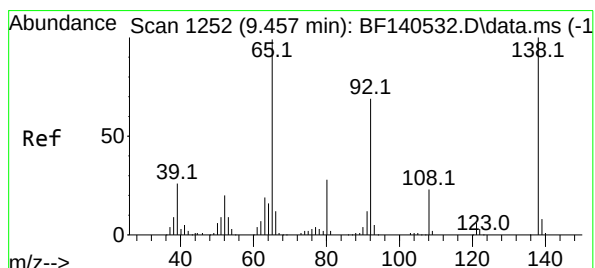
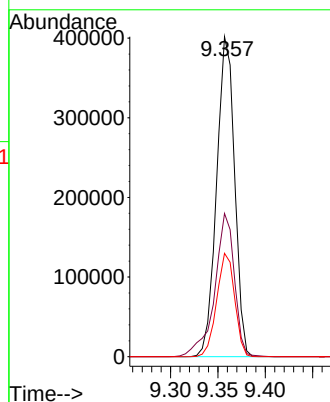
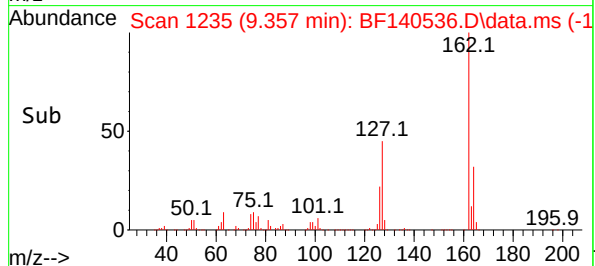
164 32.3 26.1 39.1

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

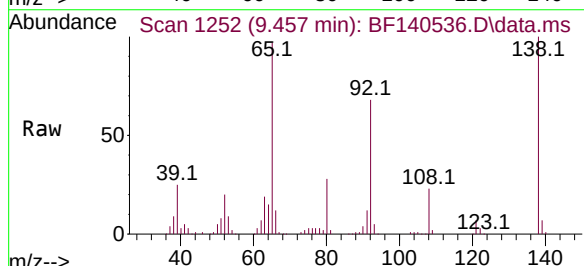
Concen: 40.037 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07



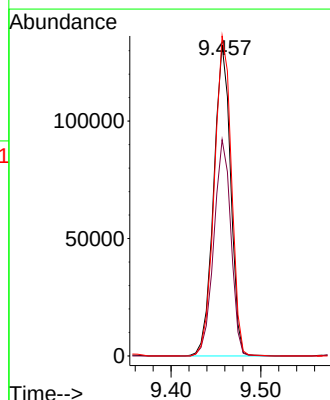
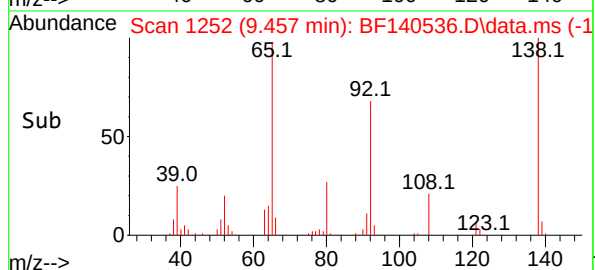
Tgt Ion: 65 Resp: 174060

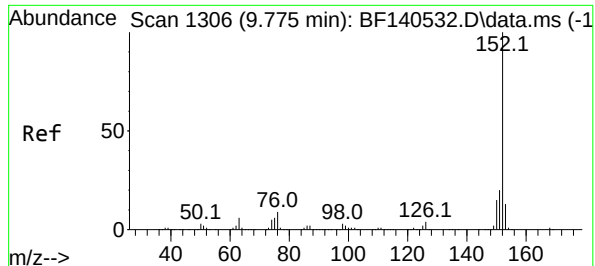
Ion Ratio Lower Upper

65 100

92 69.5 56.1 84.1

138 102.8 81.0 121.6





#49

Acenaphthylene

Concen: 38.850 ng

RT: 9.774 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

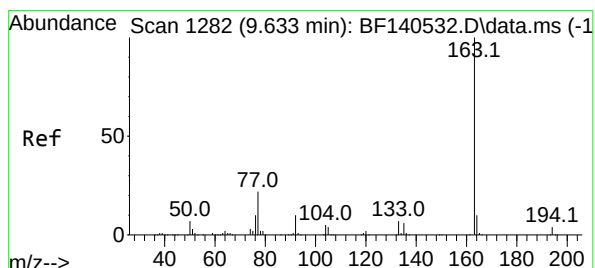
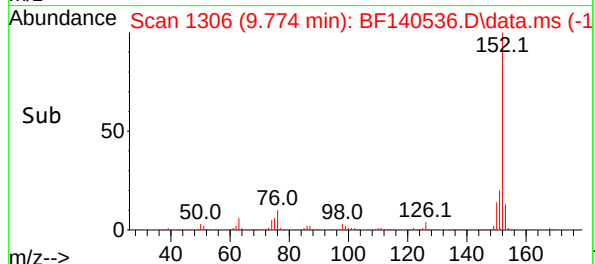
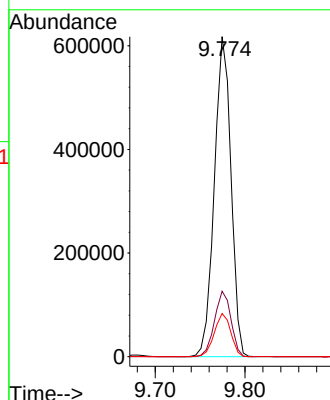
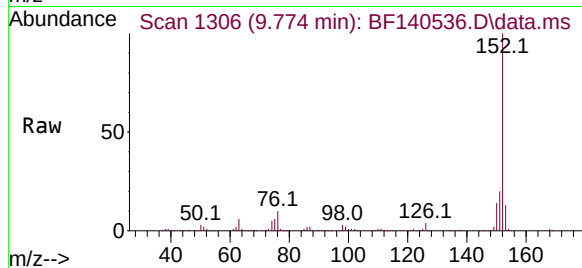
ICVBF112124

Tgt Ion:152	Resp: 79506
Ion Ratio	Lower Upper
152	100
151	20.4 15.9 23.9
153	13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#50

Dimethylphthalate

Concen: 39.591 ng

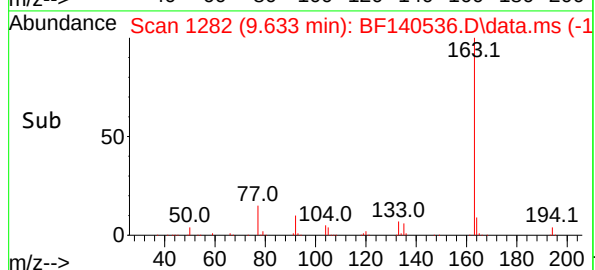
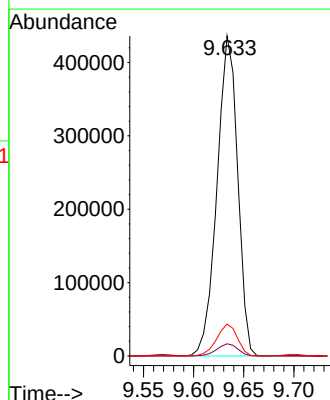
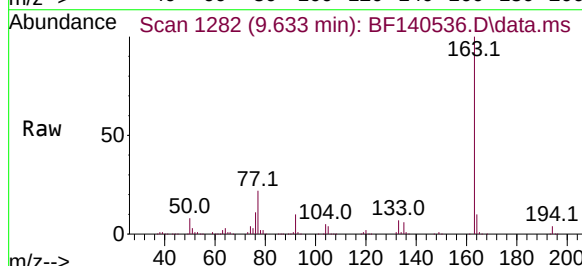
RT: 9.633 min Scan# 1282

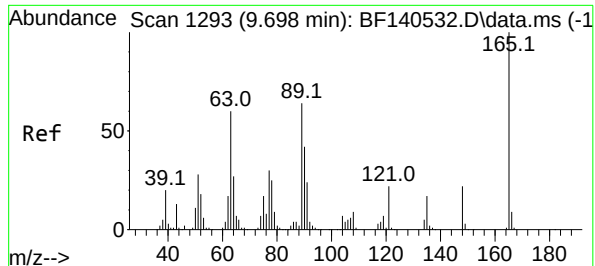
Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:163	Resp: 624268
Ion Ratio	Lower Upper
163	100
194	3.8 3.1 4.7
164	9.9 8.2 12.2





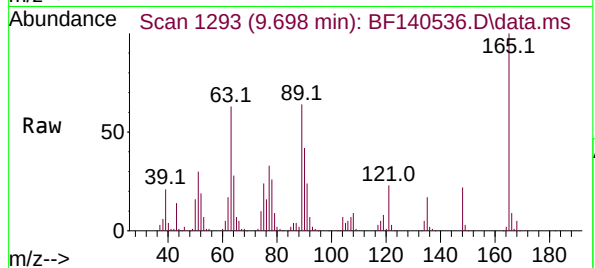
#51
2,6-Dinitrotoluene
Concen: 39.356 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

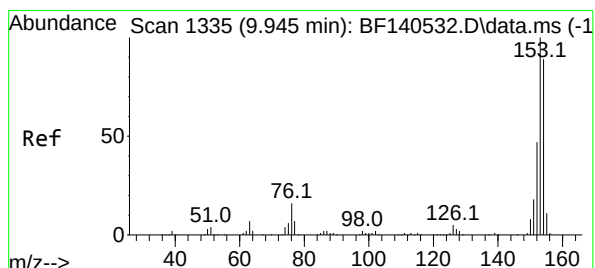
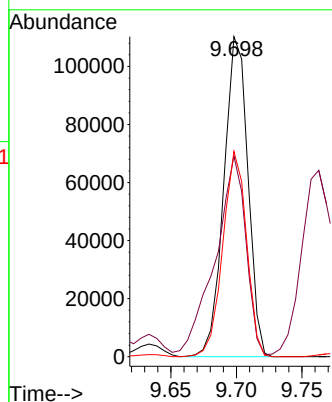
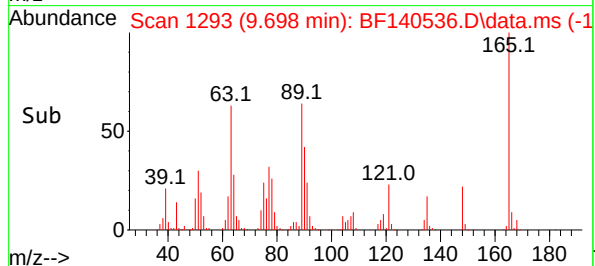


Tgt Ion:165 Resp: 140739
Ion Ratio Lower Upper
165 100
63 62.6 49.9 74.9
89 64.1 50.9 76.3

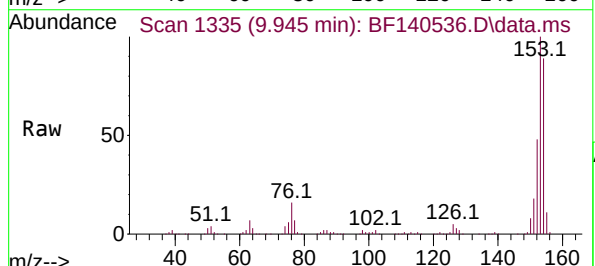
Manual Integrations

APPROVED

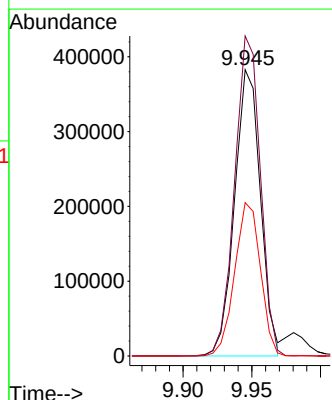
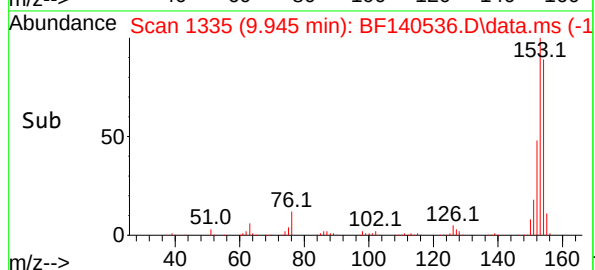
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

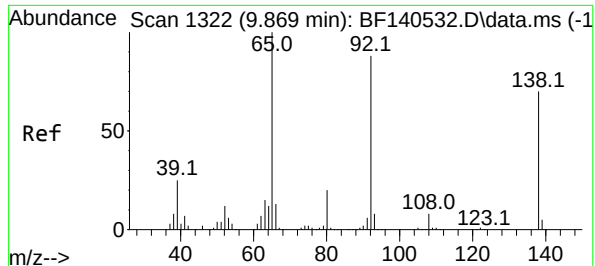


#52
Acenaphthene
Concen: 38.578 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



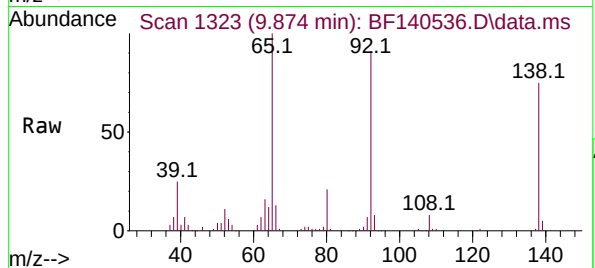
Tgt Ion:154 Resp: 501631
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.6 42.5 63.7





#53
3-Nitroaniline
Concen: 40.901 ng
RT: 9.874 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

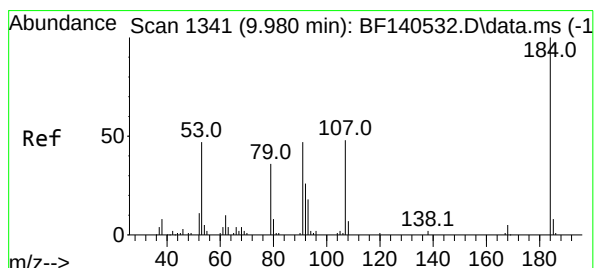
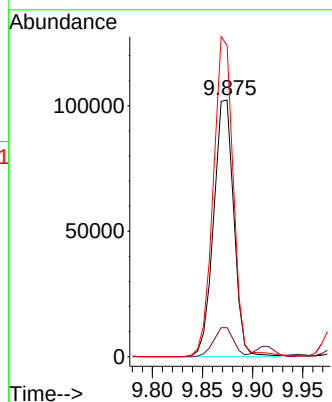
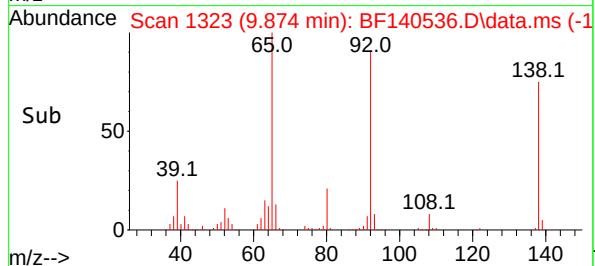
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:138 Resp: 14305
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 121.3 100.6 150.8

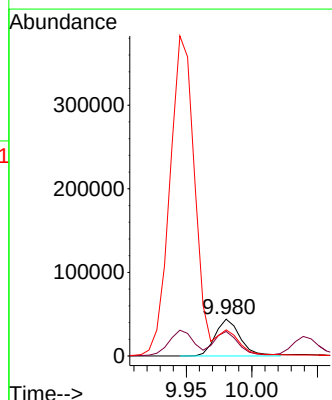
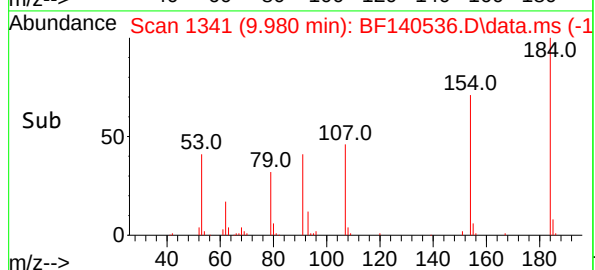
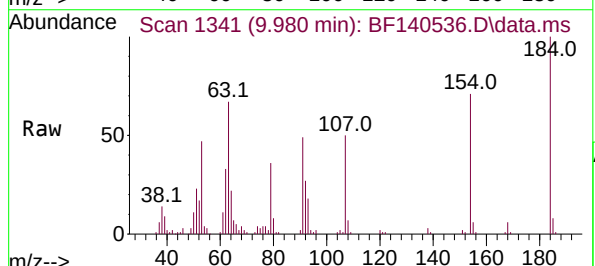
Manual Integrations
APPROVED

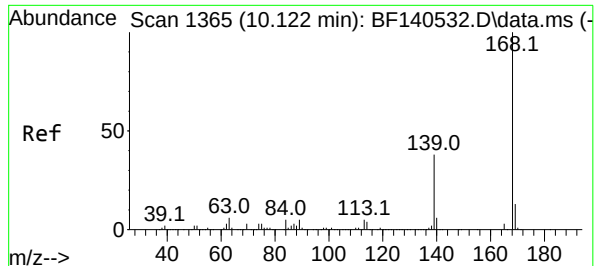
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 36.341 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:184 Resp: 58542
Ion Ratio Lower Upper
184 100
63 66.6 54.1 81.1
154 71.0 57.4 86.0





#55

Dibenzenofuran

Concen: 38.644 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:168 Resp: 766460

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

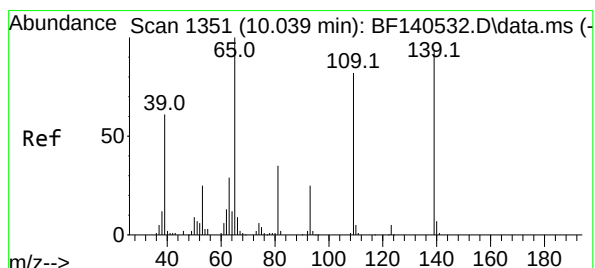
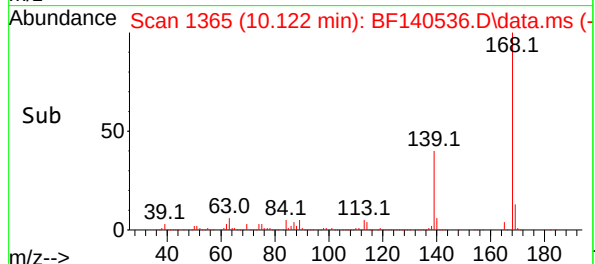
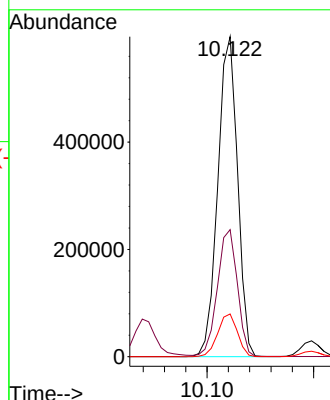
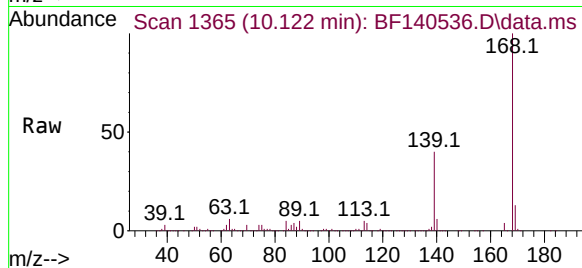
169 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#56

4-Nitrophenol

Concen: 42.263 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

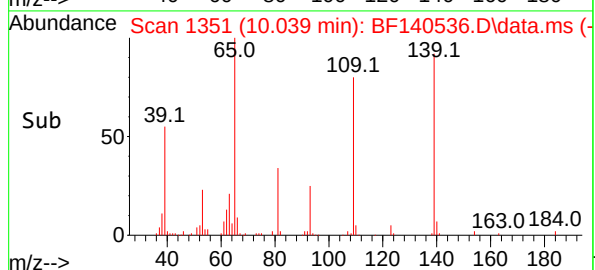
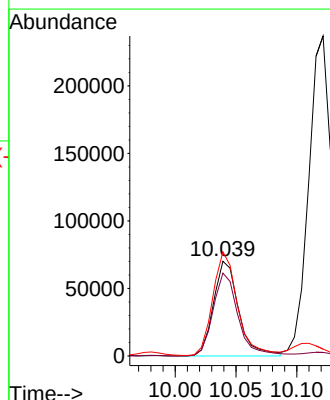
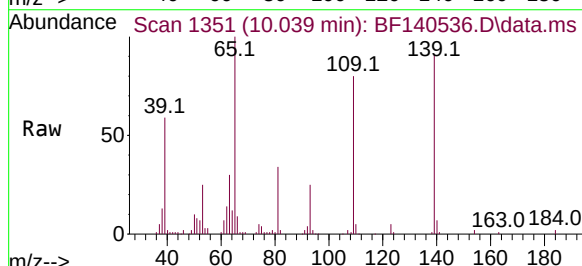
Tgt Ion:139 Resp: 100812

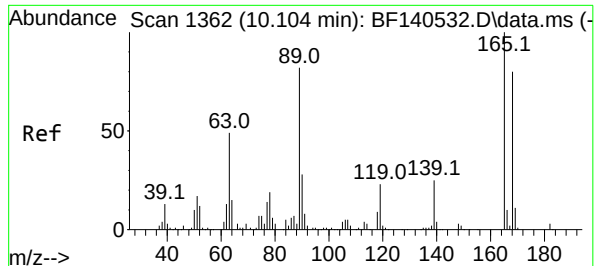
Ion Ratio Lower Upper

139 100

109 87.5 68.4 108.4

65 109.9 88.6 128.6





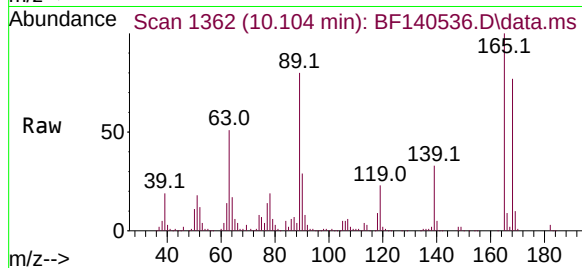
#57
2,4-Dinitrotoluene
Concen: 41.025 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

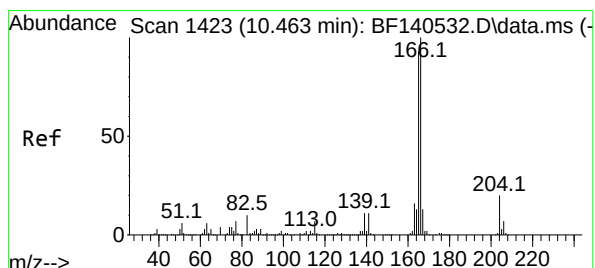
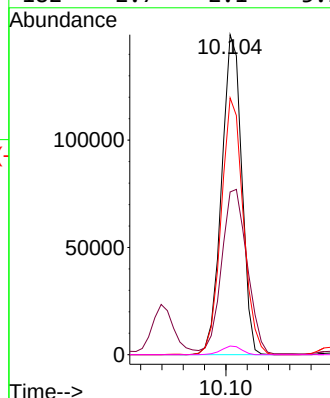
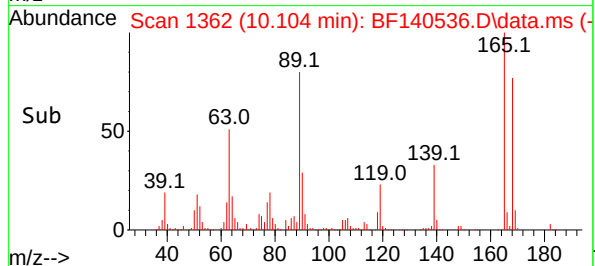


Tgt Ion:165 Resp: 194980
Ion Ratio Lower Upper
165 100
63 50.9 41.7 62.5
89 80.3 65.8 98.8
182 2.7 2.1 3.1

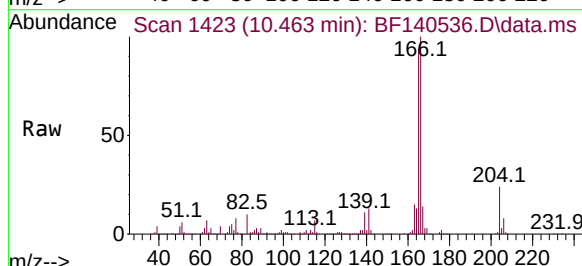
Manual Integrations

APPROVED

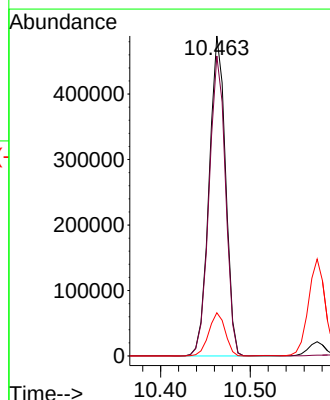
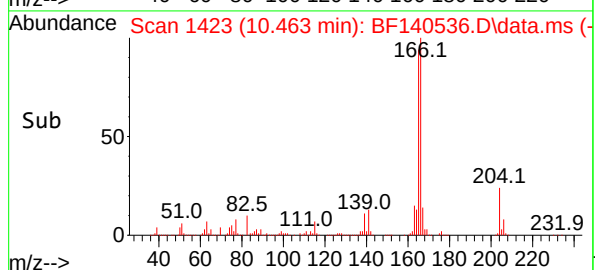
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

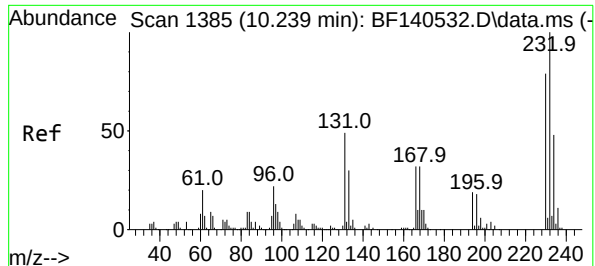


#58
Fluorene
Concen: 39.115 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



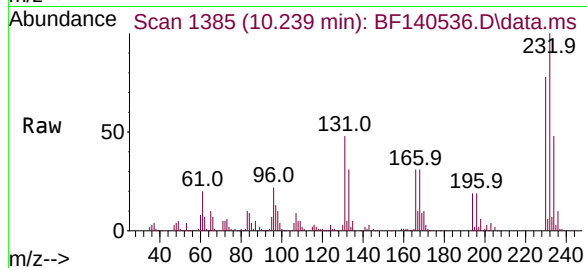
Tgt Ion:166 Resp: 622708
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.797 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

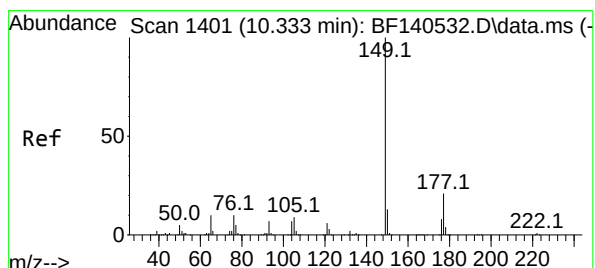
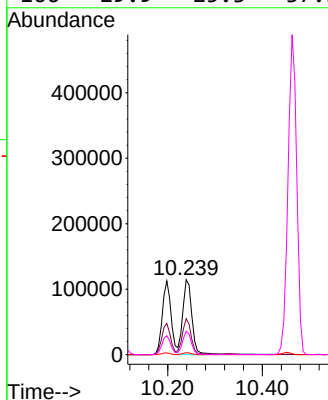
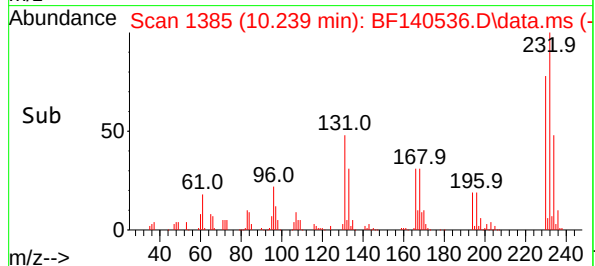
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



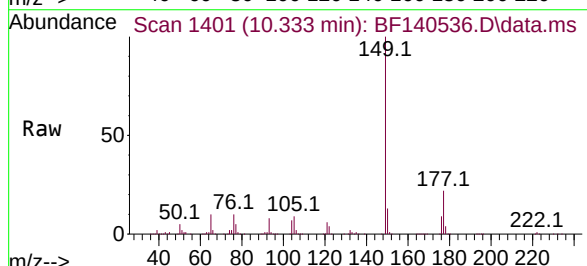
Tgt Ion:232 Resp: 153321
Ion Ratio Lower Upper
232 100
131 46.8 39.6 59.4
130 2.5 1.9 2.9
166 29.9 25.3 37.9

Manual Integrations
APPROVED

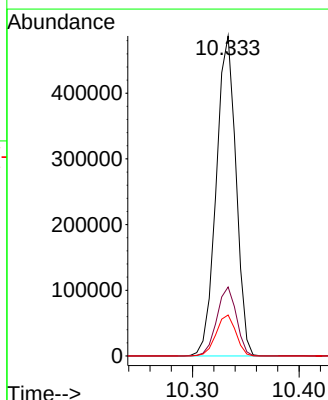
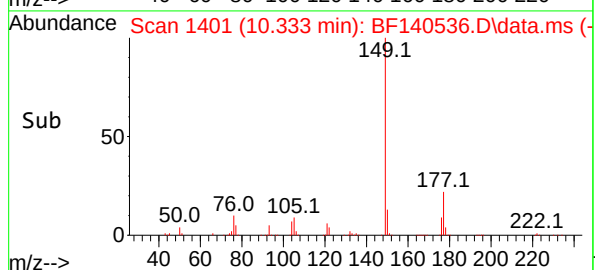
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

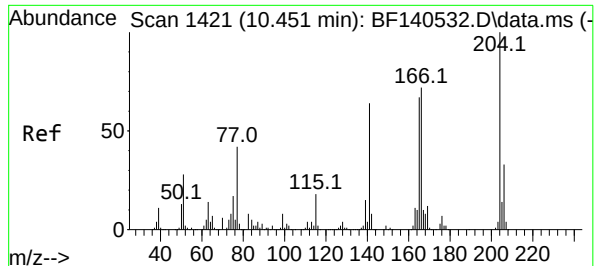


#60
Diethylphthalate
Concen: 39.078 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



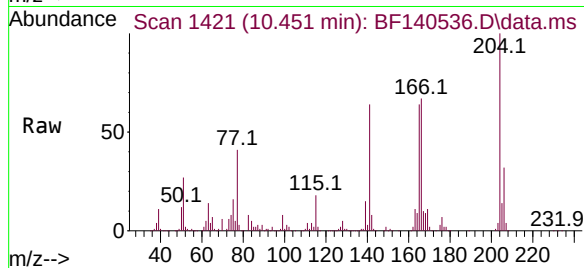
Tgt Ion:149 Resp: 626046
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.536 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

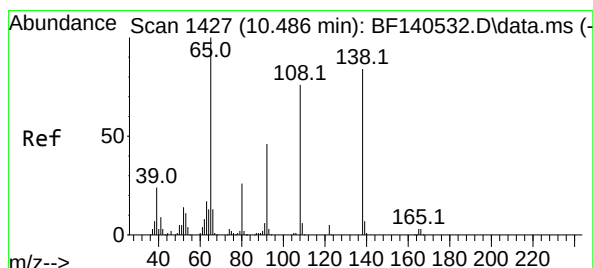
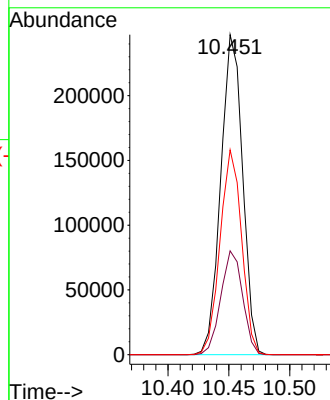
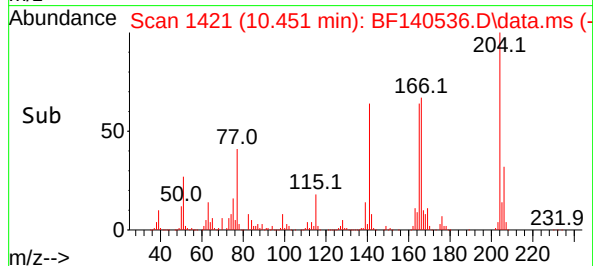
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:204 Resp: 30889
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.0 51.1 76.7

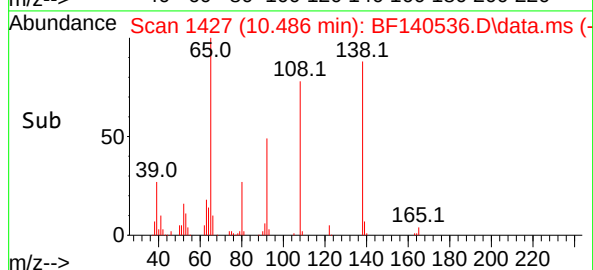
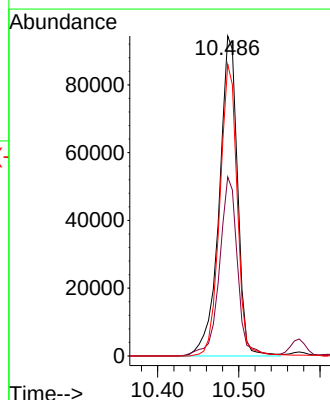
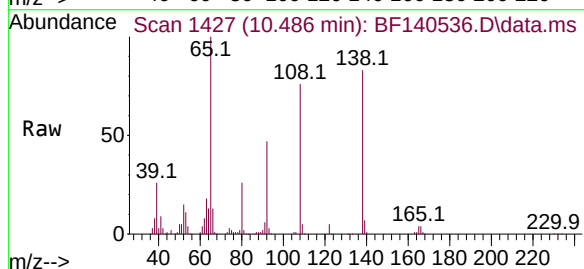
Manual Integrations
APPROVED

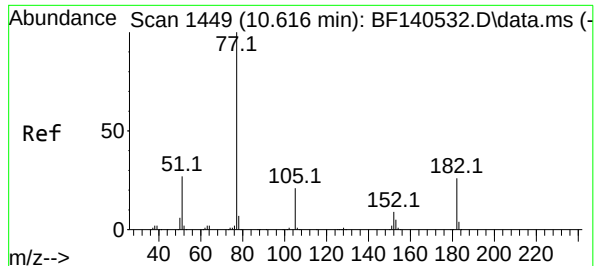
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 40.369 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

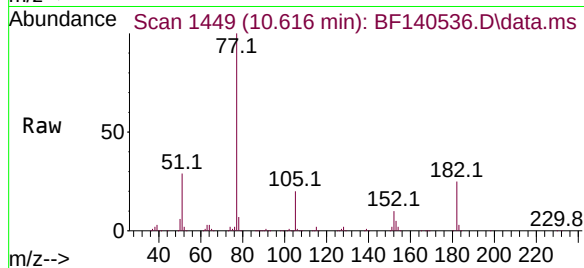
Tgt Ion:138 Resp: 148087
Ion Ratio Lower Upper
138 100
92 56.0 34.5 74.5
108 91.1 70.6 110.6





#63
Azobenzene
Concen: 39.396 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

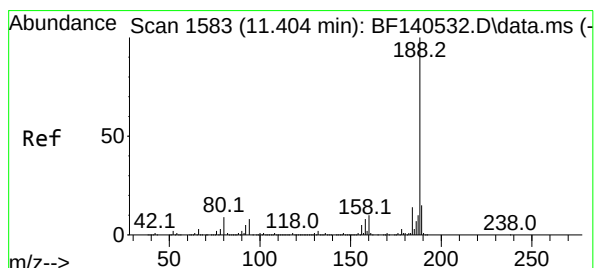
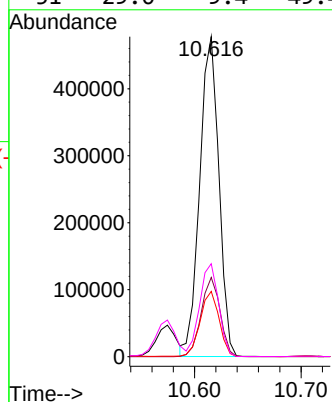
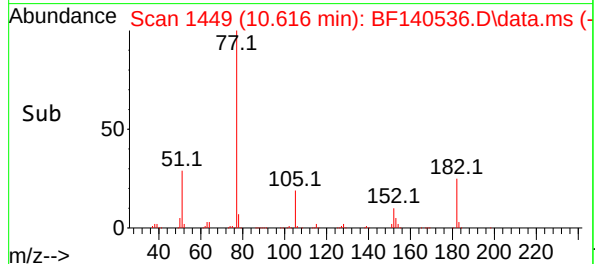
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion: 77 Resp: 59768
Ion Ratio Lower Upper
77 100
182 24.7 5.3 45.3
105 20.4 0.3 40.3
51 29.0 9.4 49.4

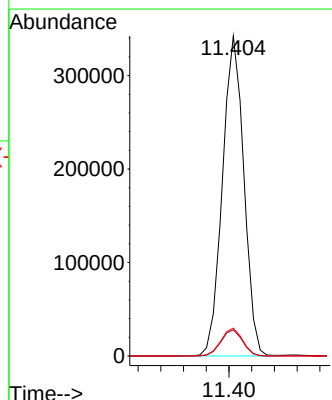
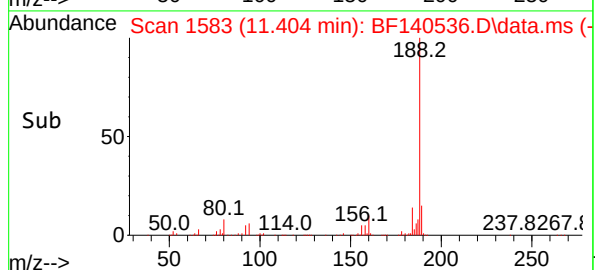
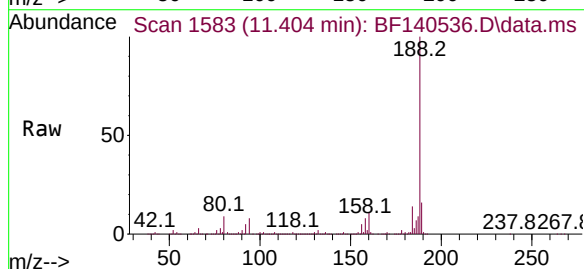
Manual Integrations
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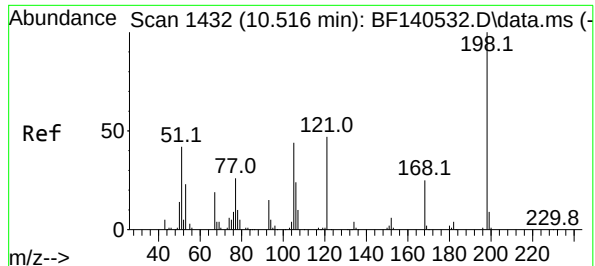
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

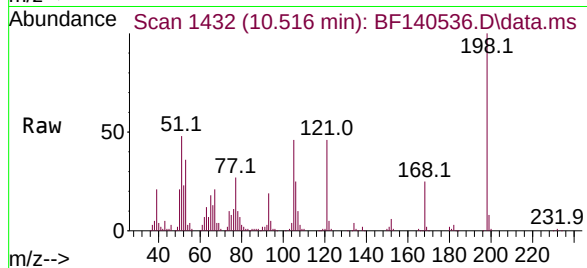
Tgt Ion:188 Resp: 448820
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.7 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 41.134 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

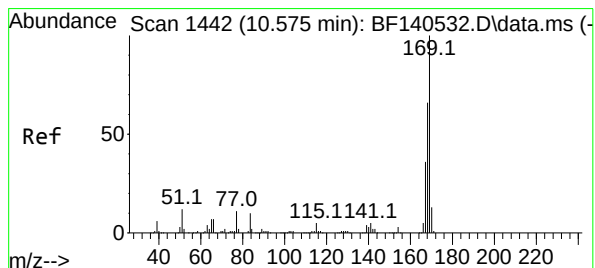
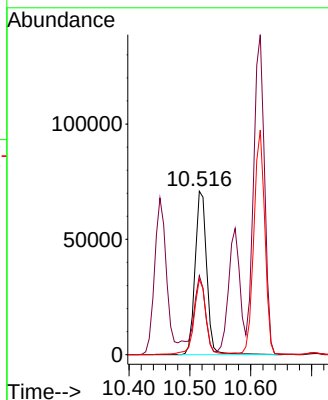
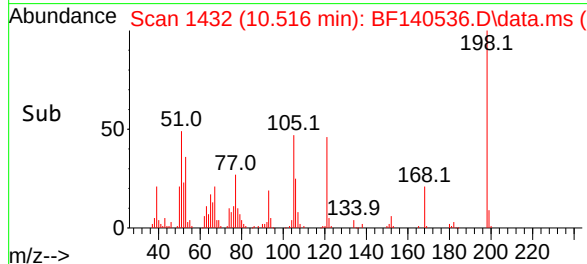
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:198 Resp: 94340
Ion Ratio Lower Upper
198 100
51 48.3 29.4 69.4
105 46.2 25.4 65.4

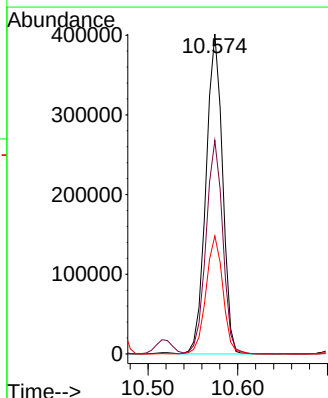
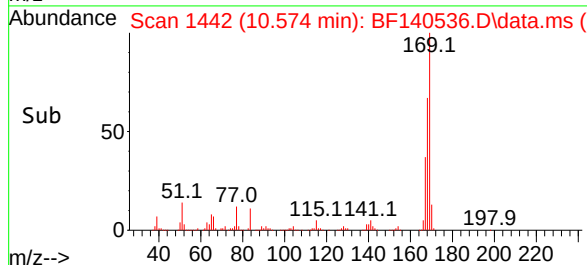
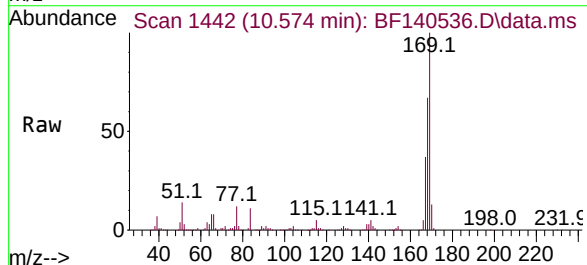
Manual Integrations
APPROVED

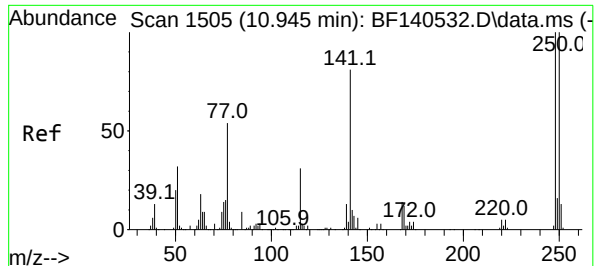
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 38.723 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:169 Resp: 513960
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.9 29.0 43.6





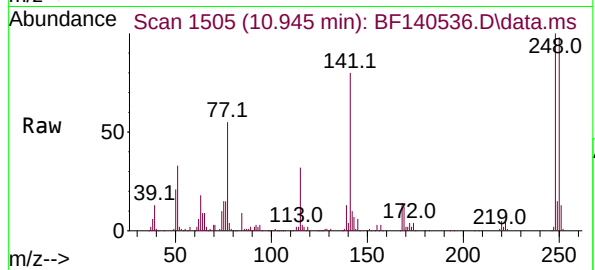
#67
4-Bromophenyl-phenylether
Concen: 38.977 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

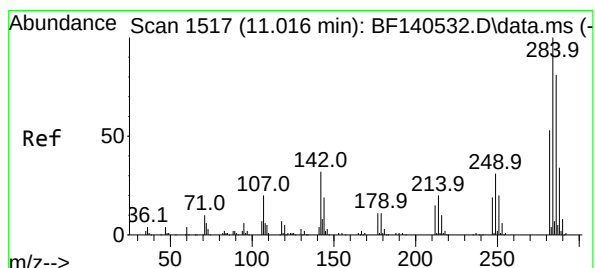
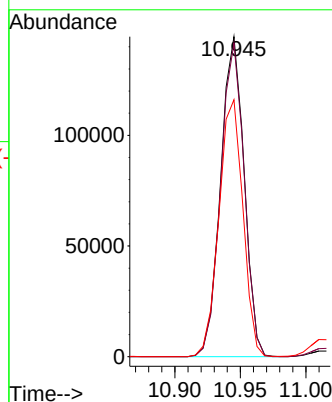
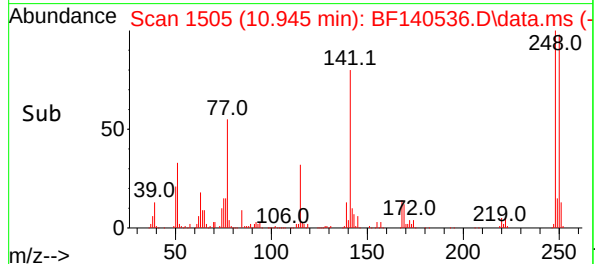


Tgt Ion:248 Resp: 180160
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 80.3 64.7 97.1

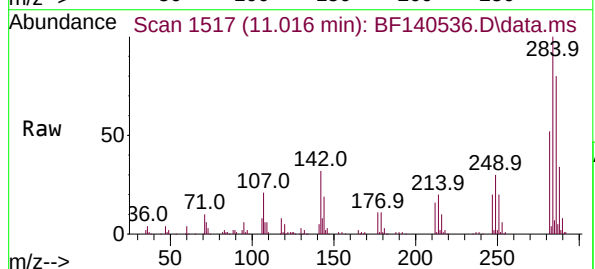
Manual Integrations

APPROVED

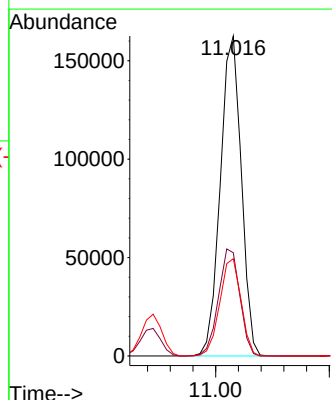
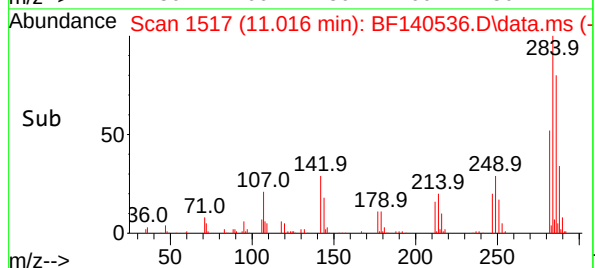
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

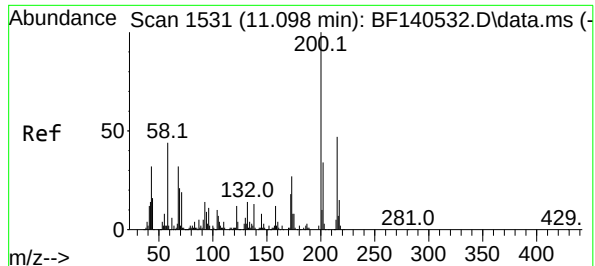


#68
Hexachlorobenzene
Concen: 38.974 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



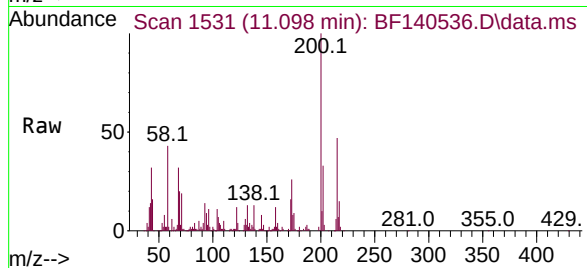
Tgt Ion:284 Resp: 208589
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 30.4 24.8 37.2





#69
Atrazine
Concen: 34.643 ng
RT: 11.098 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

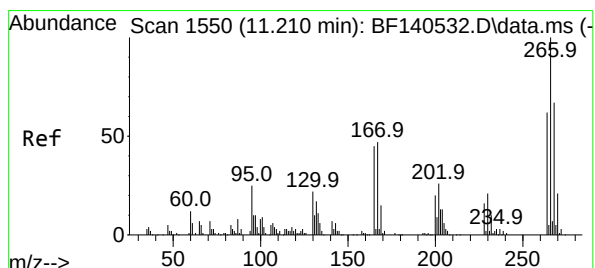
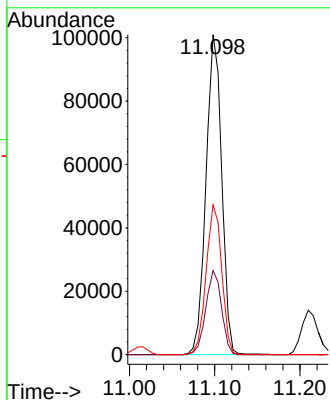
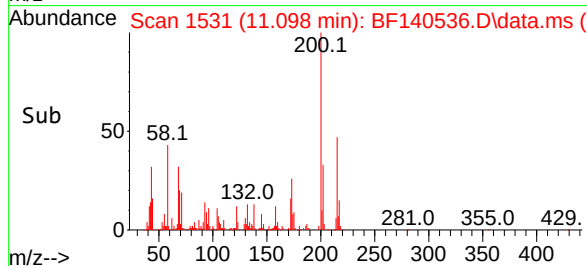
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:200 Resp: 12935
Ion Ratio Lower Upper
200 100
173 26.3 7.0 47.0
215 46.8 26.7 66.7

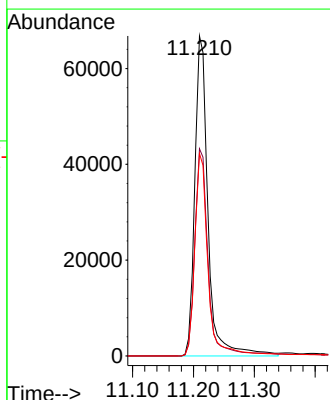
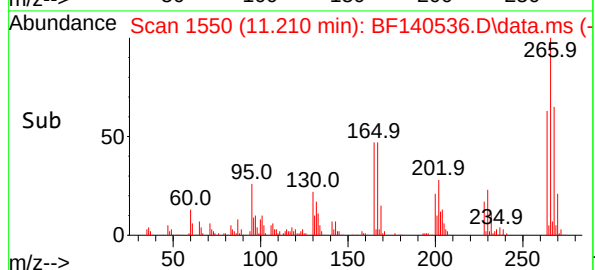
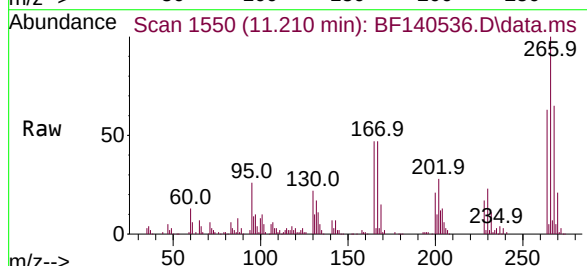
Manual Integrations
APPROVED

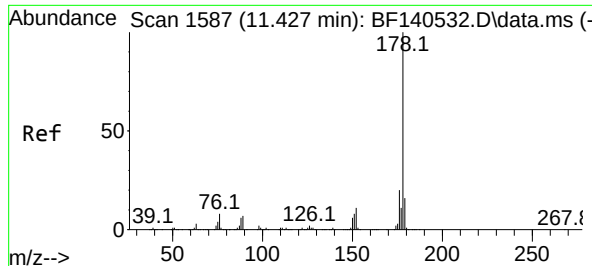
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#70
Pentachlorophenol
Concen: 42.779 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:266 Resp: 100767
Ion Ratio Lower Upper
266 100
268 64.8 53.7 80.5
264 63.3 49.8 74.8





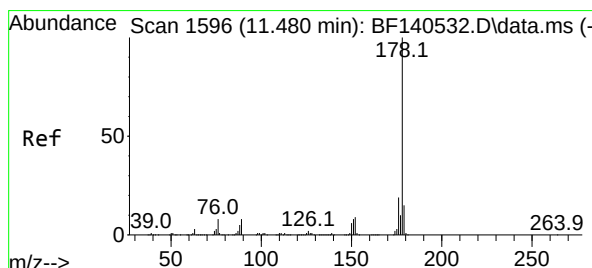
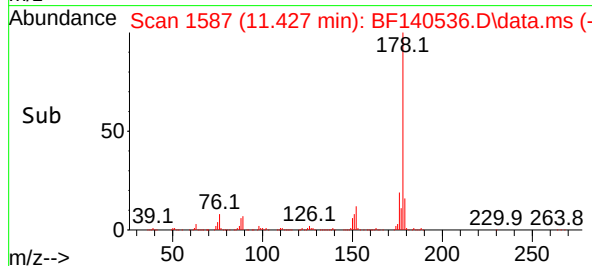
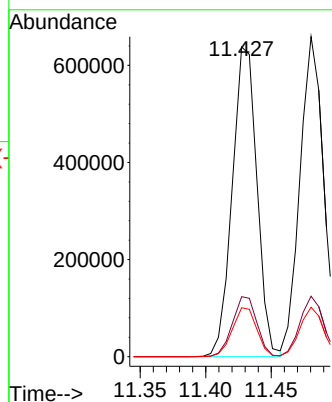
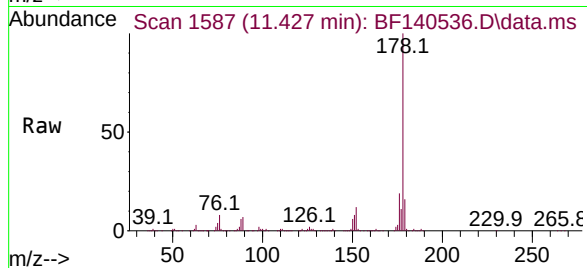
#71
Phenanthrene
Concen: 38.861 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:178 Resp: 838392
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.8 12.4 18.6

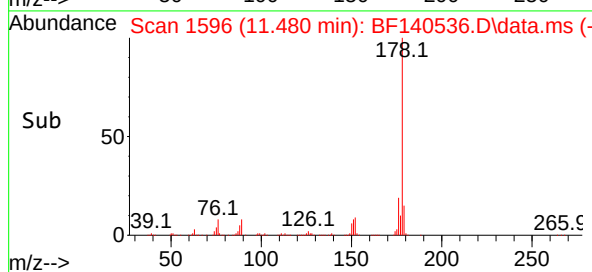
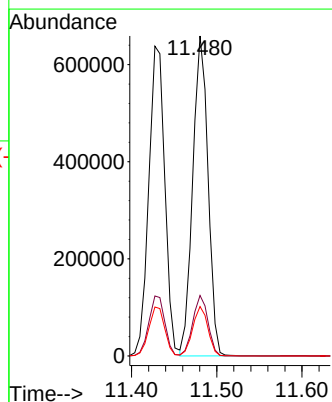
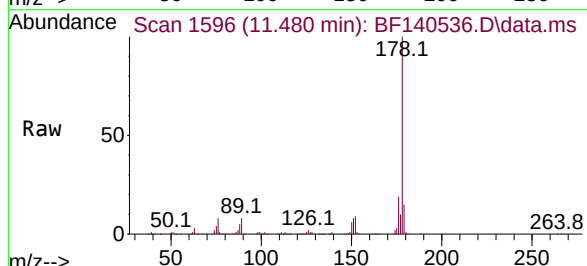
Manual Integrations
APPROVED

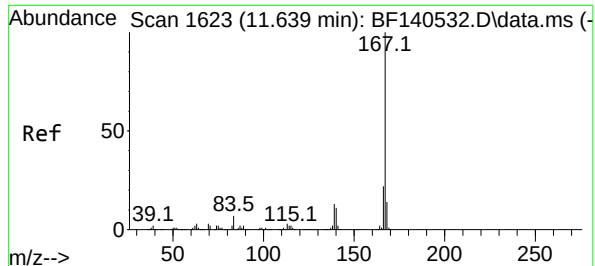
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 38.829 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

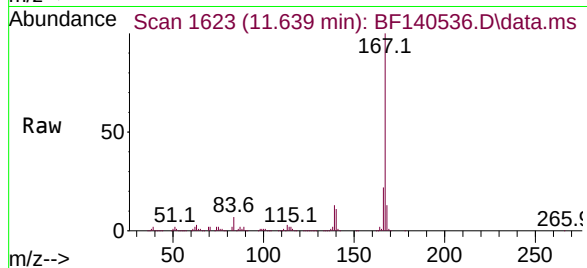
Tgt Ion:178 Resp: 819442
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4





#73
Carbazole
Concen: 39.207 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

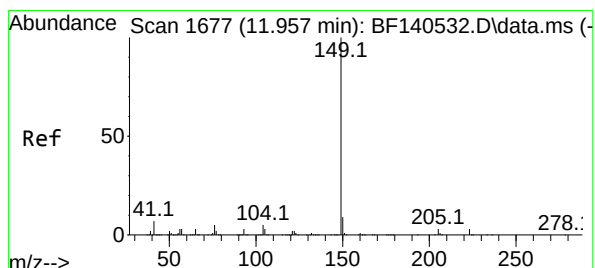
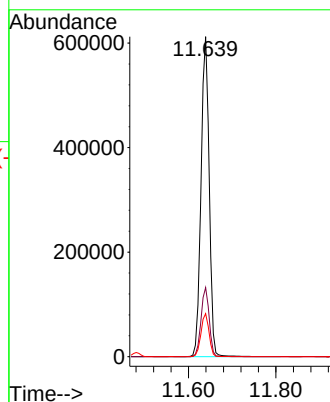
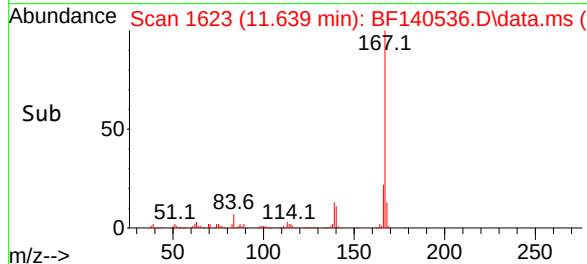
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:167 Resp: 795979
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.4 10.6 15.8

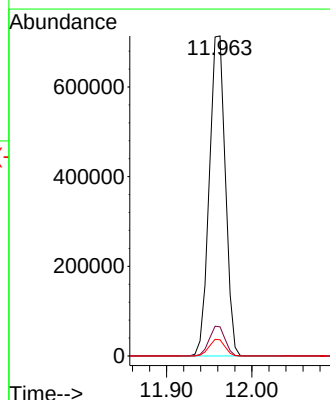
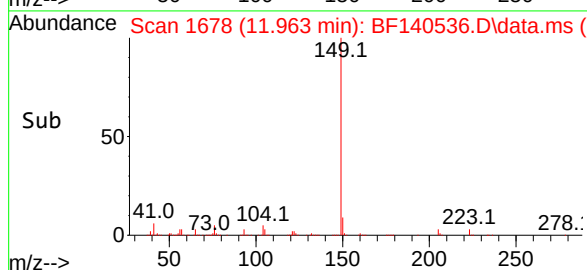
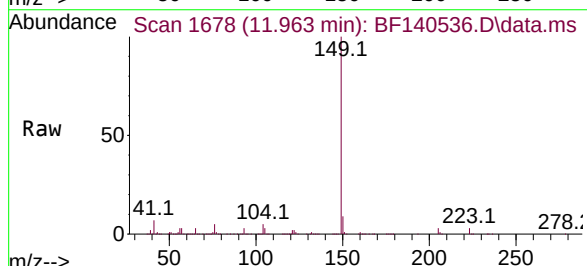
Manual Integrations
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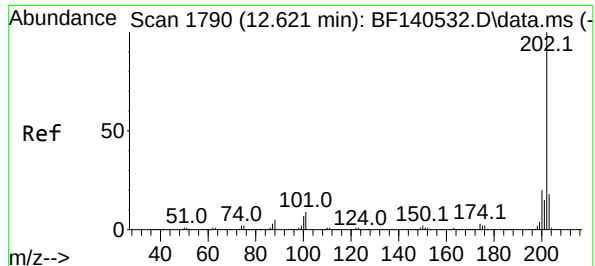
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Di-n-butylphthalate
Concen: 39.765 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

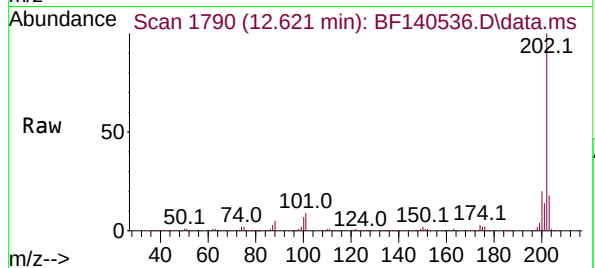
Tgt Ion:149 Resp: 932026
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 40.002 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

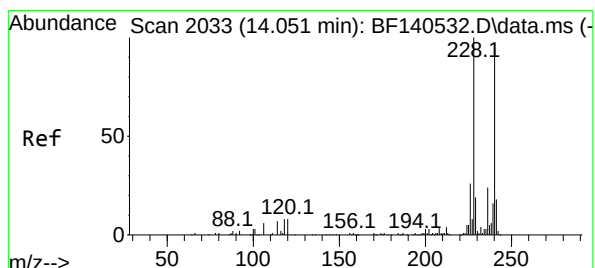
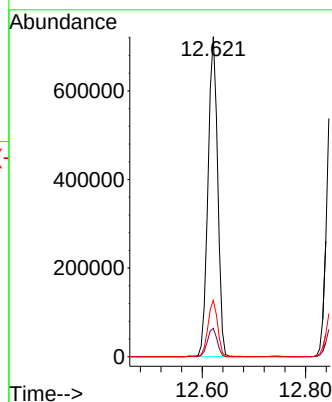
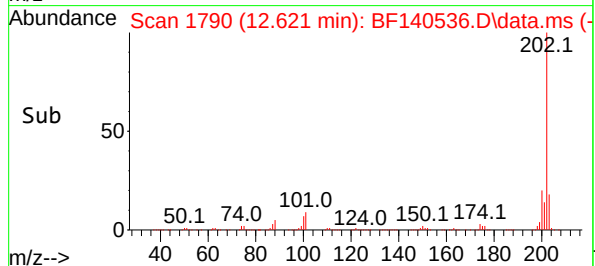
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:202 Resp: 937019
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.6 0.0 37.6

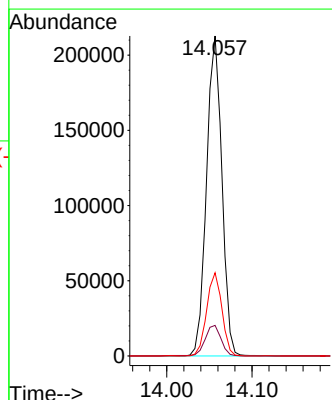
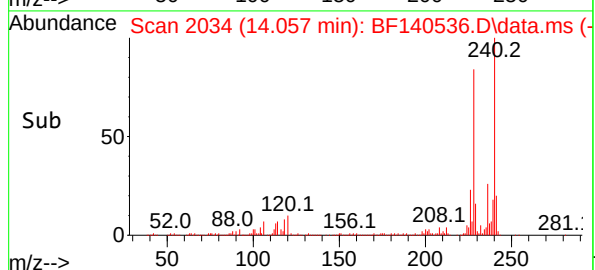
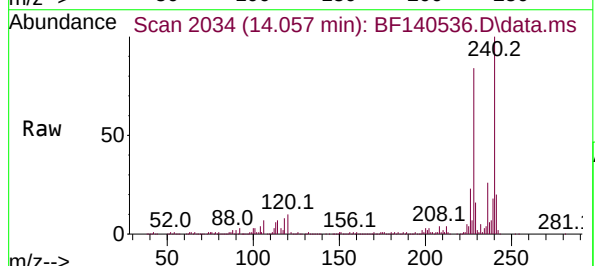
Manual Integrations
APPROVED

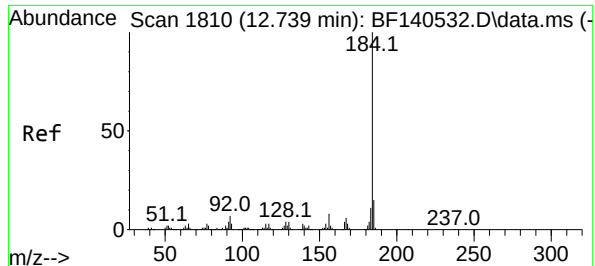
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

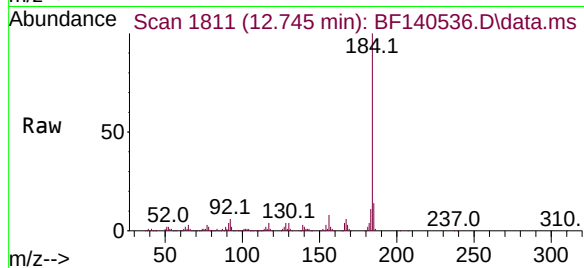
Tgt Ion:240 Resp: 266538
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.0 20.6 31.0





#77
Benzidine
Concen: 39.351 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

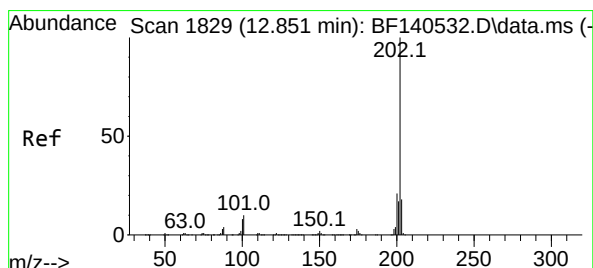
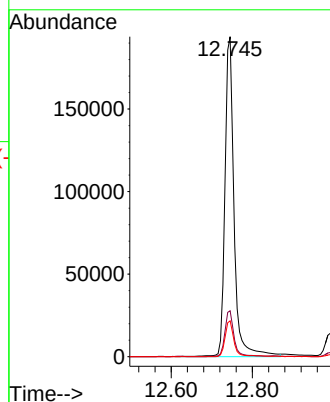
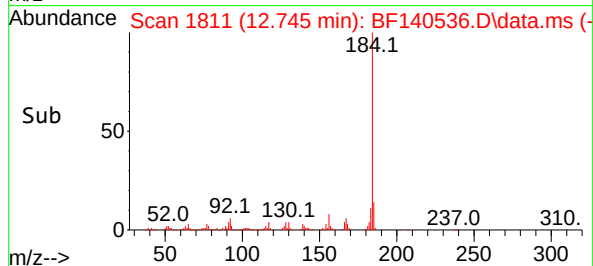
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:184 Resp: 304940
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.8 13.2

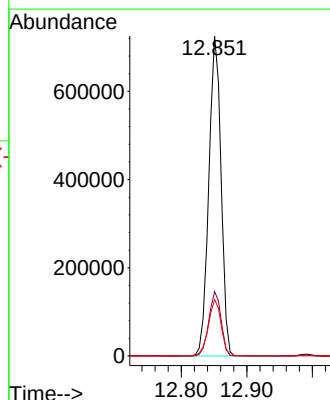
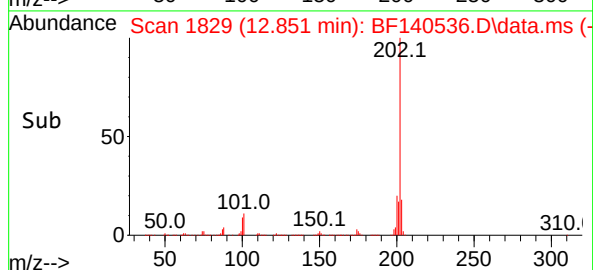
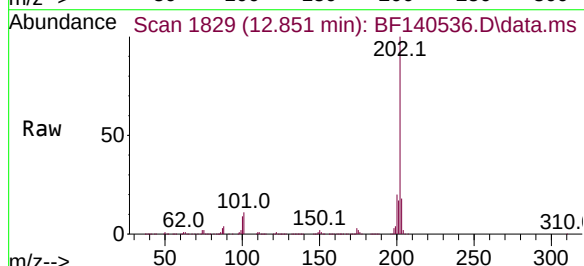
Manual Integrations
APPROVED

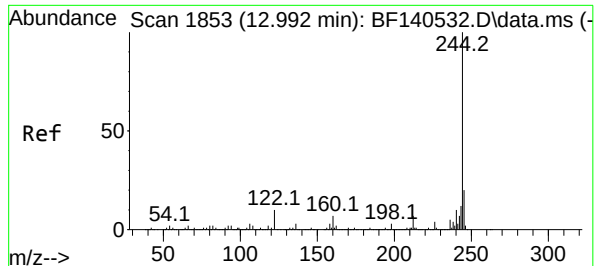
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 38.219 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

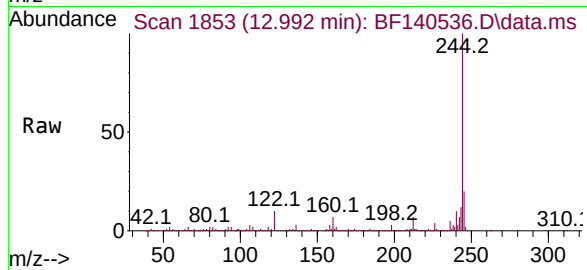
Tgt Ion:202 Resp: 941890
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79
Terphenyl-d14
Concen: 75.460 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

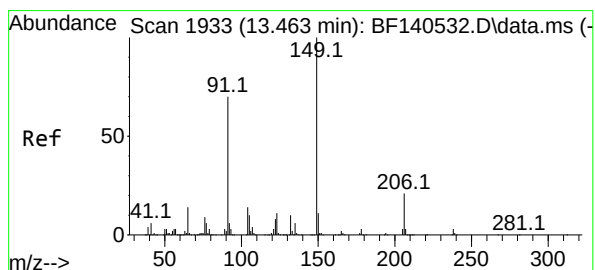
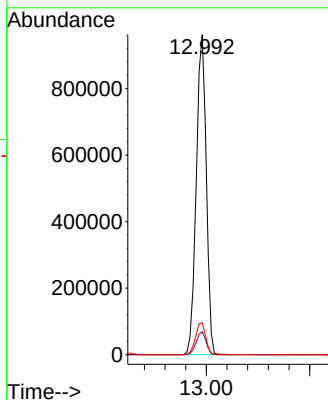
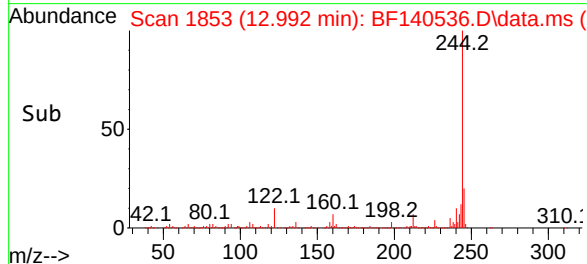
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



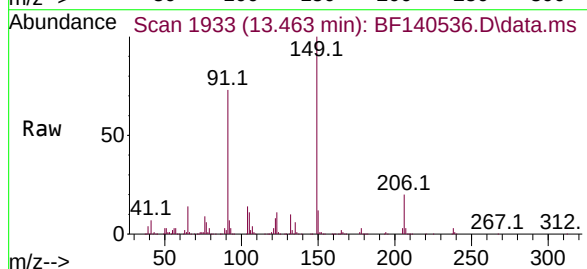
Tgt Ion:244 Resp: 1291669
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.9 8.0 12.0

Manual Integrations
APPROVED

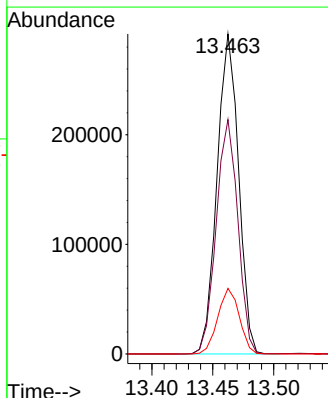
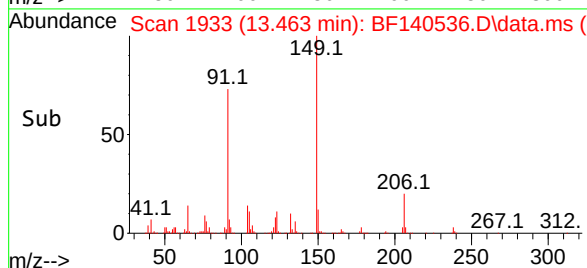
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

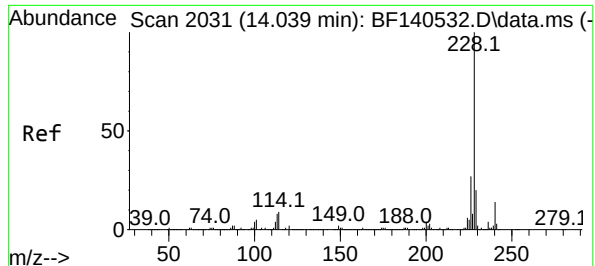


#80
Butylbenzylphthalate
Concen: 40.542 ng
RT: 13.463 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



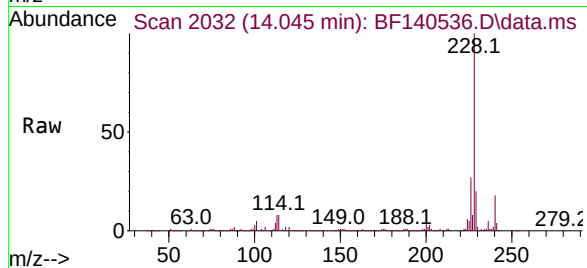
Tgt Ion:149 Resp: 359930
Ion Ratio Lower Upper
149 100
91 73.3 56.2 84.2
206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 39.723 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

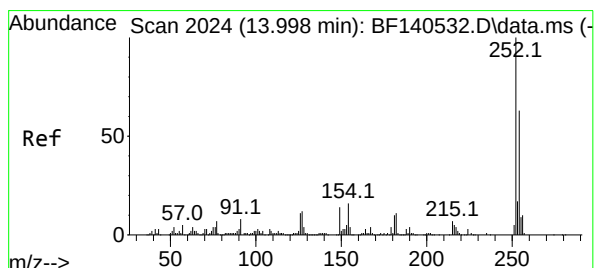
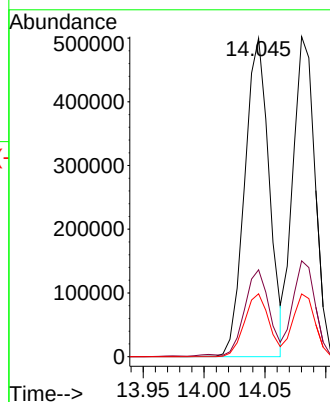
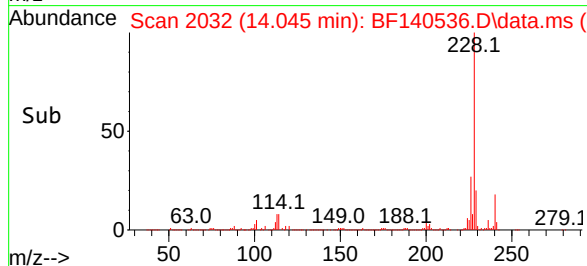
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:228 Resp: 700865
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

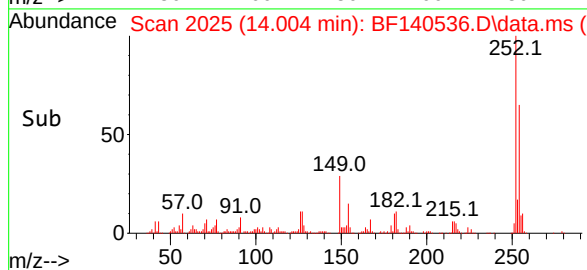
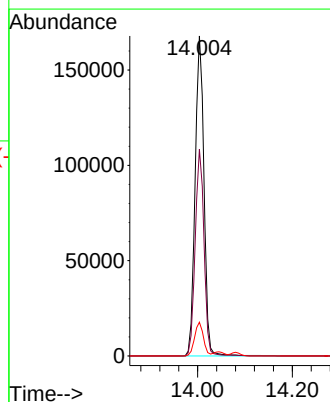
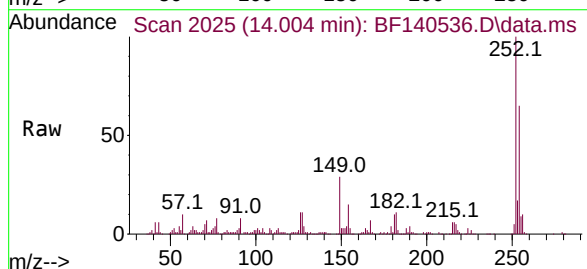
Manual Integrations
APPROVED

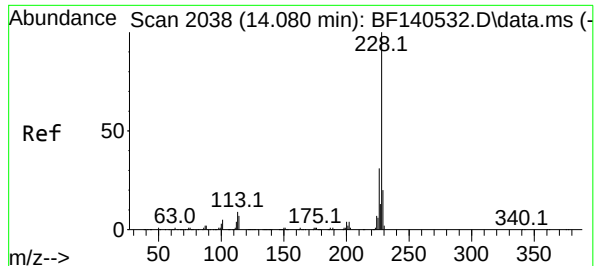
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 41.011 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

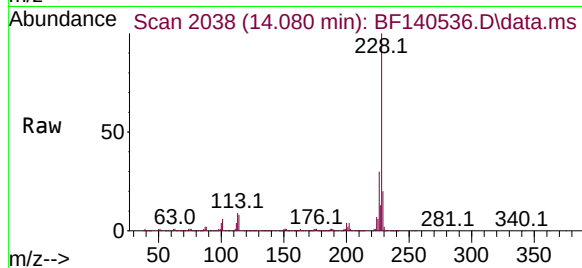
Tgt Ion:252 Resp: 217249
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 10.6 8.6 13.0





#83
Chrysene
Concen: 39.406 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

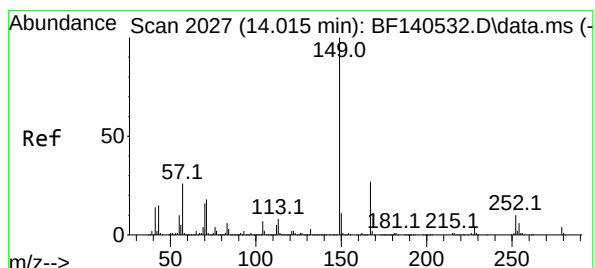
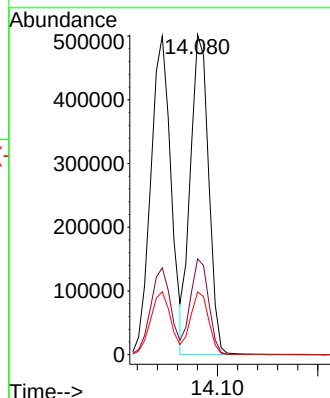
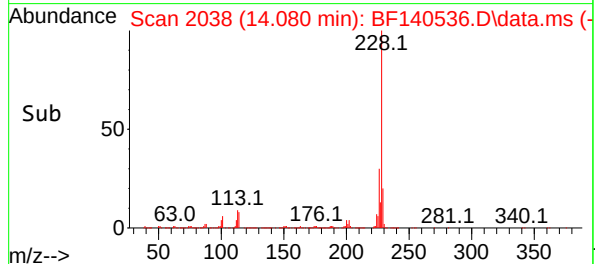
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:228 Resp: 635750
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.6 15.8 23.6

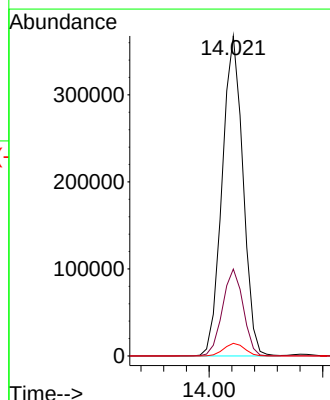
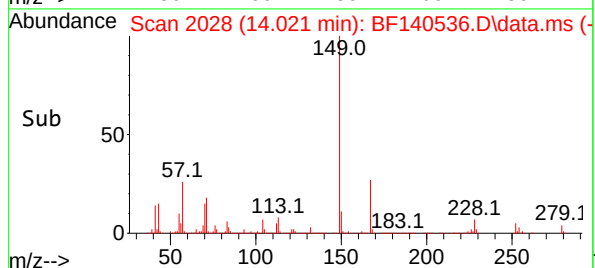
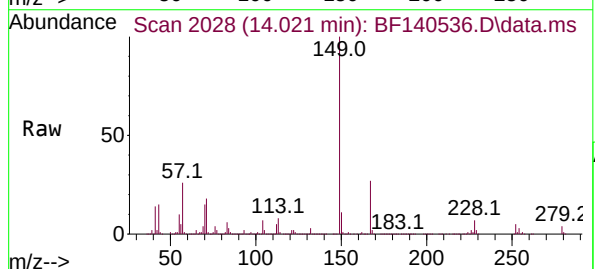
Manual Integrations
APPROVED

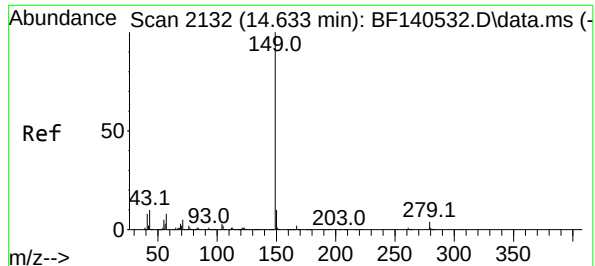
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.823 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

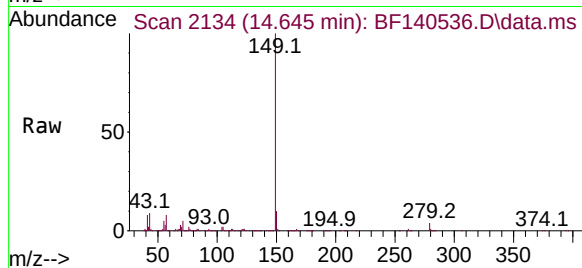
Tgt Ion:149 Resp: 468853
Ion Ratio Lower Upper
149 100
167 27.2 21.2 31.8
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 43.965 ng
RT: 14.645 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

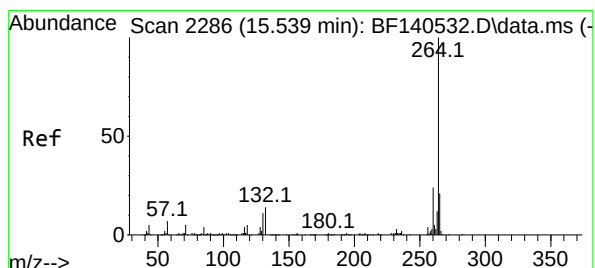
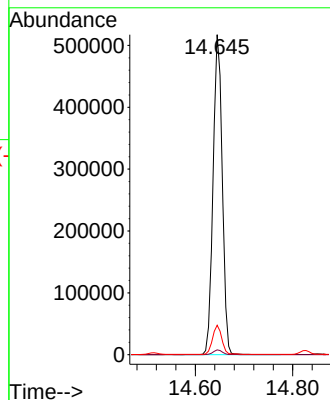
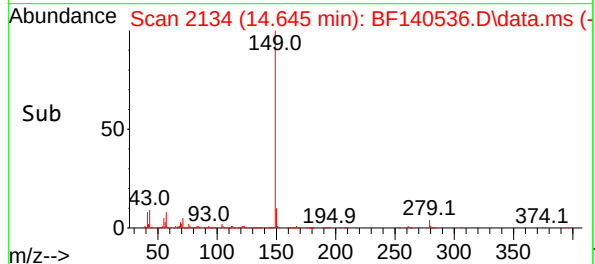
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:149 Resp: 67356
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 7.7 11.5

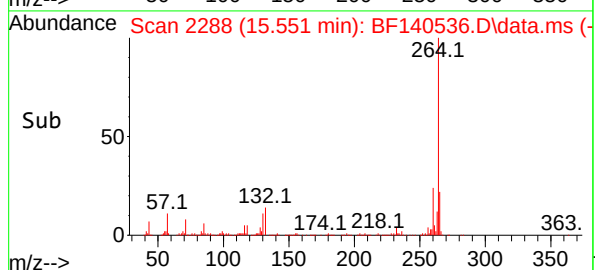
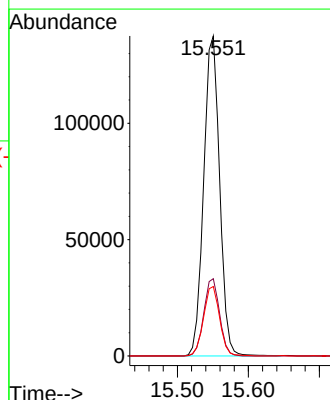
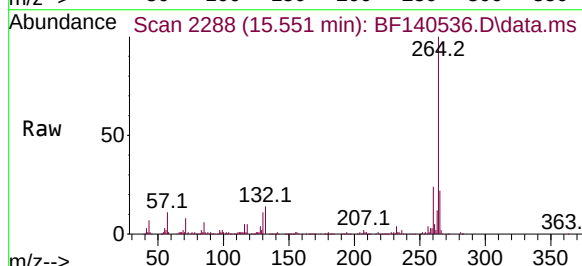
Manual Integrations
APPROVED

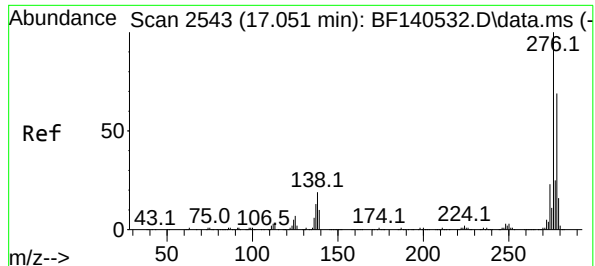
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:264 Resp: 215076
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.7 16.6 25.0





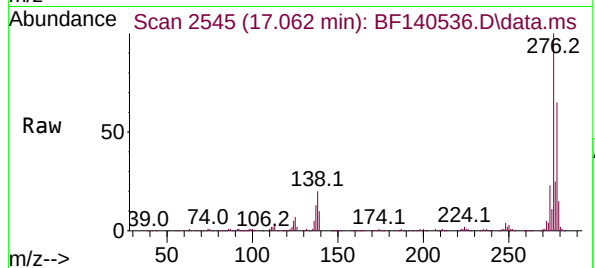
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.995 ng
RT: 17.062 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

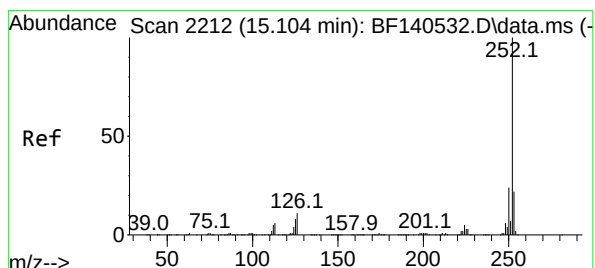
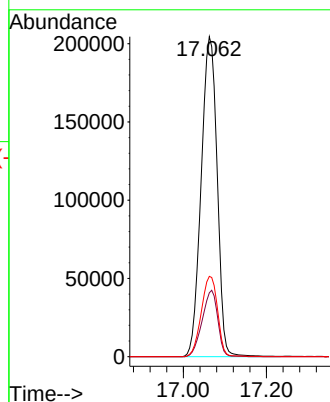
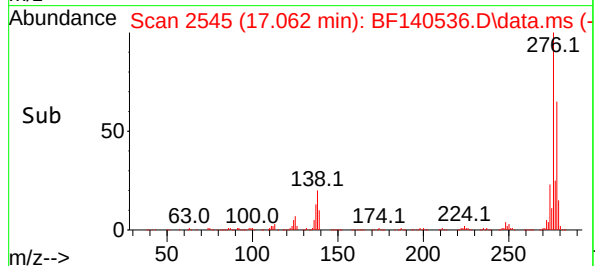


Tgt Ion:276 Resp: 54656
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.6 20.1 30.1

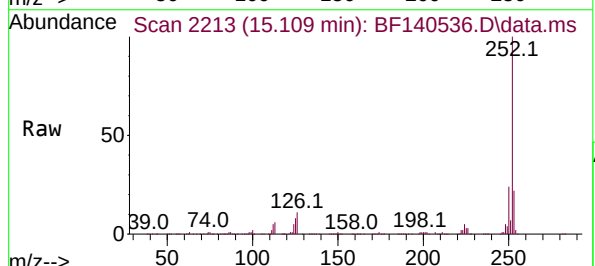
Manual Integrations

APPROVED

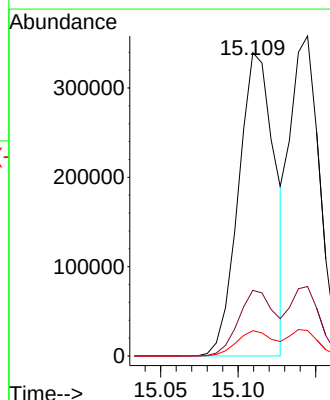
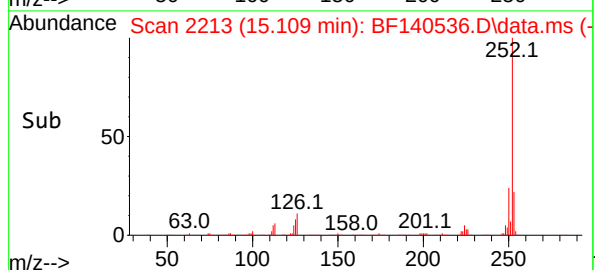
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

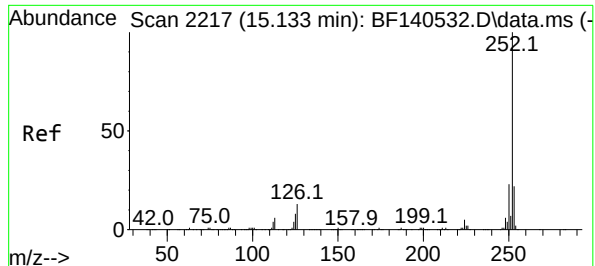


#88
Benzo(b)fluoranthene
Concen: 40.850 ng
RT: 15.109 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:252 Resp: 551853
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 40.110 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

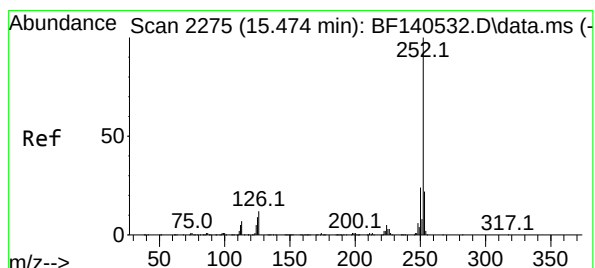
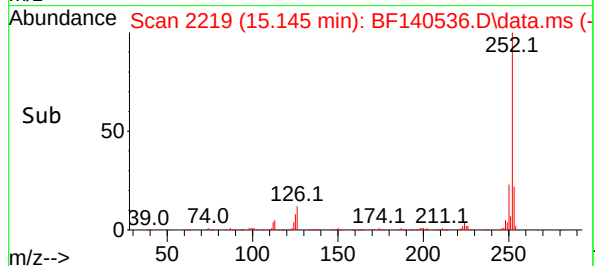
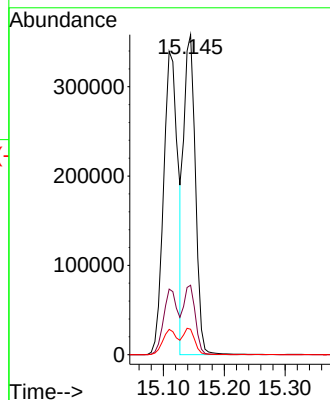
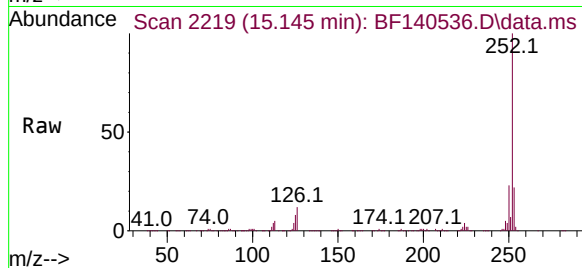
ICVBF112124

Tgt Ion:	252	Resp:	474170
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	7.9	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 40.041 ng

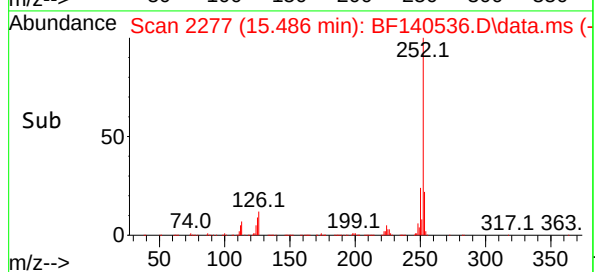
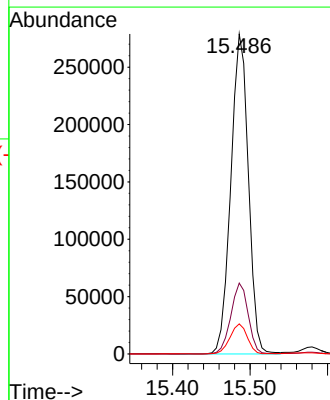
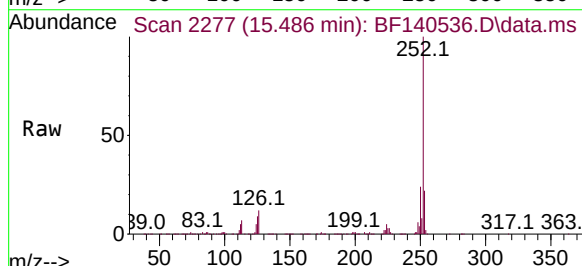
RT: 15.486 min Scan# 2277

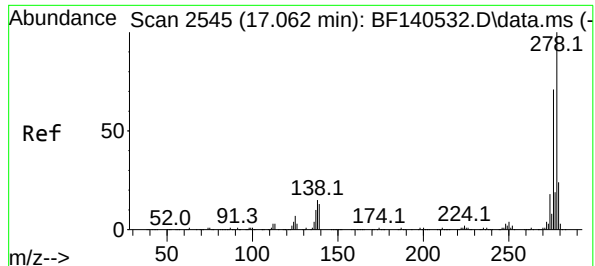
Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

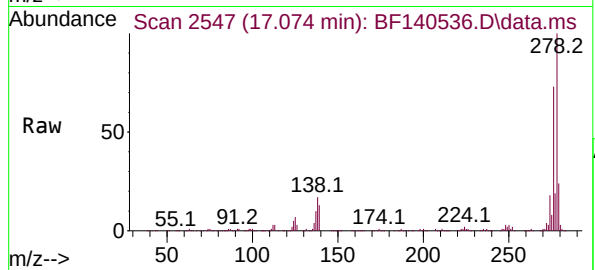
Tgt Ion:	252	Resp:	439811
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	9.4	7.0	10.6





#91
Dibenzo(a,h)anthracene
Concen: 40.052 ng
RT: 17.074 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

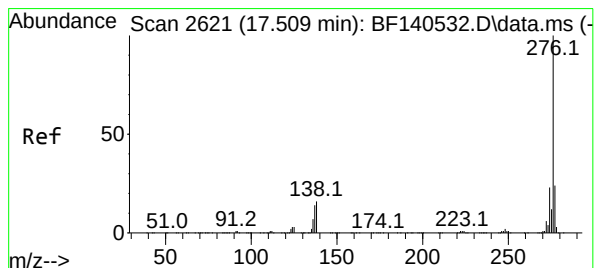
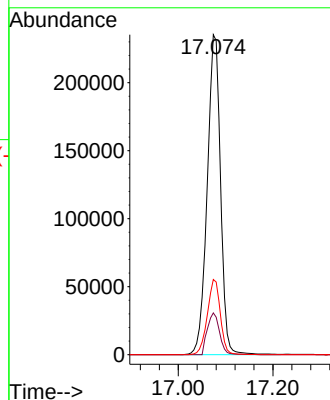
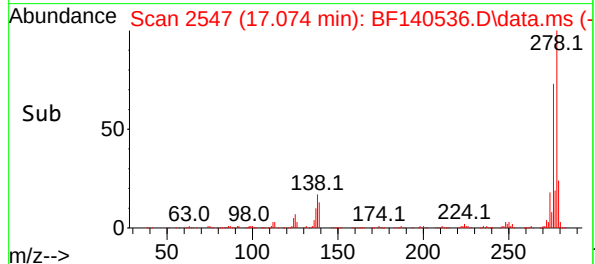
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



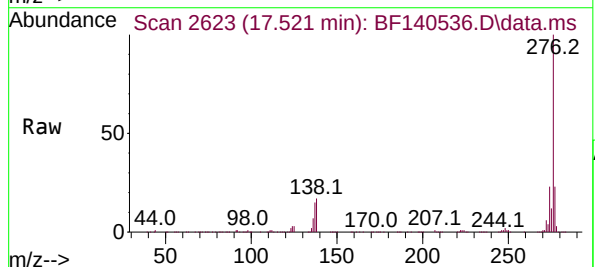
Tgt Ion:278 Resp: 459740
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.5 18.9 28.3

Manual Integrations
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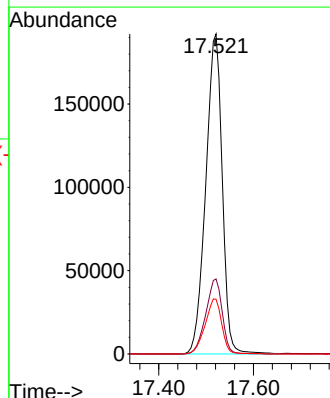
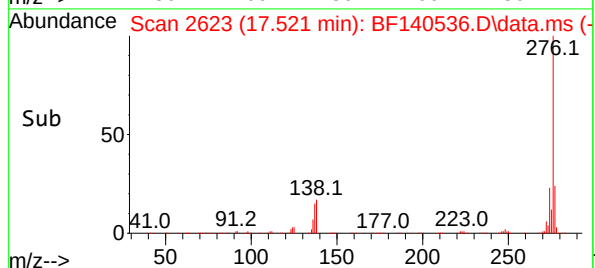
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 39.591 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:276 Resp: 463747
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 17.1 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	99	0.00
2	1,4-Dioxane	0.493	0.481	2.4	98	-0.01
3	Pyridine	1.084	1.212	-11.8	101	-0.01
4	n-Nitrosodimethylamine	0.637	0.656	-3.0	101	-0.01
5 S	2-Fluorophenol	1.172	1.158	1.2	98	0.00
6	Aniline	1.091	1.283	-17.6	102	0.00
7 S	Phenol-d6	1.550	1.578	-1.8	98	0.00
8	2-Chlorophenol	1.261	1.267	-0.5	98	0.00
9	Benzaldehyde	0.820	0.758	7.6	102	0.00
10 C	Phenol	1.583	1.623	-2.5	97	0.00
11	bis(2-Chloroethyl)ether	1.211	1.205	0.5	96	0.00
12	1,3-Dichlorobenzene	1.417	1.408	0.6	100	0.00
13 C	1,4-Dichlorobenzene	1.435	1.423	0.8	99	0.00
14	1,2-Dichlorobenzene	1.344	1.324	1.5	97	0.00
15	Benzyl Alcohol	1.149	1.206	-5.0	98	0.00
16	2,2'-oxybis(1-Chloropropane	1.431	1.473	-2.9	100	0.00
17	2-Methylphenol	1.009	1.050	-4.1	100	0.00
18	Hexachloroethane	0.536	0.537	-0.2	99	0.00
19 P	n-Nitroso-di-n-propylamine	0.916	0.963	-5.1	101	0.00
20	3+4-Methylphenols	1.298	1.347	-3.8	99	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.488	0.475	2.7	100	0.00
23 S	Nitrobenzene-d5	0.391	0.386	1.3	99	0.00
24	Nitrobenzene	0.404	0.395	2.2	99	0.00
25	Isophorone	0.652	0.658	-0.9	100	0.00
26 C	2-Nitrophenol	0.179	0.181	-1.1	101	0.00
27	2,4-Dimethylphenol	0.214	0.212	0.9	95	0.00
28	bis(2-Chloroethoxy)methane	0.397	0.397	0.0	101	0.00
29 C	2,4-Dichlorophenol	0.284	0.284	0.0	102	0.00
30	1,2,4-Trichlorobenzene	0.324	0.315	2.8	101	0.00
31	Naphthalene	1.030	1.008	2.1	101	0.00
32	Benzoic acid	0.164	0.188	-14.6	107	0.00
33	4-Chloroaniline	0.308	0.336	-9.1	104	0.00
34 C	Hexachlorobutadiene	0.215	0.212	1.4	101	0.00
35	Caprolactam	0.088	0.089	-1.1	99	0.00
36 C	4-Chloro-3-methylphenol	0.318	0.320	-0.6	99	0.00
37	2-Methylnaphthalene	0.654	0.654	0.0	102	0.00
38	1-Methylnaphthalene	0.641	0.636	0.8	101	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.586	0.568	3.1	103	0.00
41 P	Hexachlorocyclopentadiene	0.107	0.110	-2.8	99	0.00
42 S	2,4,6-Tribromophenol	0.214	0.213	0.5	101	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.362	1.4	101	0.00
44	2,4,5-Trichlorophenol	0.399	0.402	-0.8	102	0.00
45 S	2-Fluorobiphenyl	1.342	1.282	4.5	101	0.00
46	1,1'-Biphenyl	1.493	1.447	3.1	102	0.00
47	2-Chloronaphthalene	1.131	1.109	1.9	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	0.363	0.364	-0.3	101	0.00
49	Acenaphthylene	1.710	1.660	2.9	102	0.00
50	Dimethylphthalate	1.317	1.304	1.0	103	0.00
51	2,6-Dinitrotoluene	0.299	0.294	1.7	100	0.00
52 C	Acenaphthene	1.086	1.048	3.5	101	0.00
53	3-Nitroaniline	0.292	0.299	-2.4	102	0.00
54 P	2,4-Dinitrophenol	0.122	0.122	0.0	89	0.00
55	Dibenzofuran	1.657	1.601	3.4	101	0.00
56 P	4-Nitrophenol	0.199	0.211	-6.0	104	0.00
57	2,4-Dinitrotoluene	0.397	0.407	-2.5	103	0.00
58	Fluorene	1.330	1.300	2.3	103	0.00
59	2,3,4,6-Tetrachlorophenol	0.306	0.320	-4.6	105	0.00
60	Diethylphthalate	1.338	1.307	2.3	102	0.00
61	4-Chlorophenyl-phenylether	0.653	0.645	1.2	103	0.00
62	4-Nitroaniline	0.306	0.309	-1.0	101	0.00
63	Azobenzene	1.267	1.248	1.5	103	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	0.102	0.105	-2.9	98	0.00
66 c	n-Nitrosodiphenylamine	0.591	0.573	3.0	102	0.00
67	4-Bromophenyl-phenylether	0.206	0.201	2.4	103	0.00
68	Hexachlorobenzene	0.238	0.232	2.5	102	0.00
69	Atrazine	0.166	0.144	13.3	106	0.00
70 C	Pentachlorophenol	0.105	0.112	-6.7	99	0.00
71	Phenanthrene	0.961	0.934	2.8	101	0.00
72	Anthracene	0.940	0.913	2.9	101	0.00
73	Carbazole	0.905	0.887	2.0	102	0.00
74	Di-n-butylphthalate	1.044	1.038	0.6	104	0.00
75 C	Fluoranthene	1.044	1.044	0.0	106	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	111	0.00
77	Benzydine	0.581	0.572	1.5	111	0.00
78	Pyrene	1.849	1.767	4.4	106	0.00
79 S	Terphenyl-d14	1.284	1.212	5.6	105	0.00
80	Butylbenzylphthalate	0.666	0.675	-1.4	111	0.00
81	Benzo(a)anthracene	1.324	1.315	0.7	114	0.00
82	3,3'-Dichlorobenzidine	0.397	0.408	-2.8	110	0.00
83	Chrysene	1.211	1.193	1.5	111	0.00
84	Bis(2-ethylhexyl)phthalate	0.841	0.880	-4.6	118	0.00
85 c	Di-n-octyl phthalate	1.150	1.264	-9.9	124	0.01
86 I	Perylene-d12	1.000	1.000	0.0	102	0.01
87	Indeno(1,2,3-cd)pyrene	1.303	1.271	2.5	99	0.01
88	Benzo(b)fluoranthene	1.256	1.283	-2.1	110	0.00
89	Benzo(k)fluoranthene	1.099	1.102	-0.3	102	0.01
90 C	Benzo(a)pyrene	1.021	1.022	-0.1	103	0.01
91	Dibenzo(a,h)anthracene	1.067	1.069	-0.2	102	0.01
92	Benzo(g,h,i)perylene	1.089	1.078	1.0	101	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140536.D
Acq On : 21 Nov 2024 15:07
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Quant Time: Nov 21 16:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	99	0.00
2	1,4-Dioxane	40.000	39.036	2.4	98	-0.01
3	Pyridine	40.000	44.701	-11.8	101	-0.01
4	n-Nitrosodimethylamine	40.000	41.184	-3.0	101	-0.01
5 S	2-Fluorophenol	80.000	79.009	1.2	98	0.00
6	Aniline	40.000	47.067	-17.7	102	0.00
7 S	Phenol-d6	80.000	81.459	-1.8	98	0.00
8	2-Chlorophenol	40.000	40.191	-0.5	98	0.00
9	Benzaldehyde	40.000	36.939	7.7	102	0.00
10 C	Phenol	40.000	41.030	-2.6	97	0.00
11	bis(2-Chloroethyl)ether	40.000	39.796	0.5	96	0.00
12	1,3-Dichlorobenzene	40.000	39.732	0.7	100	0.00
13 C	1,4-Dichlorobenzene	40.000	39.668	0.8	99	0.00
14	1,2-Dichlorobenzene	40.000	39.406	1.5	97	0.00
15	Benzyl Alcohol	40.000	41.993	-5.0	98	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.183	-3.0	100	0.00
17	2-Methylphenol	40.000	41.606	-4.0	100	0.00
18	Hexachloroethane	40.000	40.108	-0.3	99	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.038	-5.1	101	0.00
20	3+4-Methylphenols	40.000	41.536	-3.8	99	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	38.963	2.6	100	0.00
23 S	Nitrobenzene-d5	80.000	78.907	1.4	99	0.00
24	Nitrobenzene	40.000	39.127	2.2	99	0.00
25	Isophorone	40.000	40.332	-0.8	100	0.00
26 C	2-Nitrophenol	40.000	40.372	-0.9	101	0.00
27	2,4-Dimethylphenol	40.000	39.568	1.1	95	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.938	0.2	101	0.00
29 C	2,4-Dichlorophenol	40.000	39.952	0.1	102	0.00
30	1,2,4-Trichlorobenzene	40.000	38.901	2.7	101	0.00
31	Naphthalene	40.000	39.152	2.1	101	0.00
32	Benzoic acid	40.000	41.429	-3.6	107	0.00
33	4-Chloroaniline	40.000	43.551	-8.9	104	0.00
34 C	Hexachlorobutadiene	40.000	39.406	1.5	101	0.00
35	Caprolactam	40.000	40.381	-1.0	99	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.203	-0.5	99	0.00
37	2-Methylnaphthalene	40.000	39.987	0.0	102	0.00
38	1-Methylnaphthalene	40.000	39.688	0.8	101	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.824	2.9	103	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.711	5.7	99	0.00
42 S	2,4,6-Tribromophenol	80.000	79.677	0.4	101	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.390	1.5	101	0.00
44	2,4,5-Trichlorophenol	40.000	40.302	-0.8	102	0.00
45 S	2-Fluorobiphenyl	80.000	76.390	4.5	101	0.00
46	1,1'-Biphenyl	40.000	38.769	3.1	102	0.00
47	2-Chloronaphthalene	40.000	39.197	2.0	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.037	-0.1	101	0.00
49	Acenaphthylene	40.000	38.850	2.9	102	0.00
50	Dimethylphthalate	40.000	39.591	1.0	103	0.00
51	2,6-Dinitrotoluene	40.000	39.356	1.6	100	0.00
52 C	Acenaphthene	40.000	38.578	3.6	101	0.00
53	3-Nitroaniline	40.000	40.901	-2.3	102	0.00
54 P	2,4-Dinitrophenol	40.000	36.341	9.1	89	0.00
55	Dibenzofuran	40.000	38.644	3.4	101	0.00
56 P	4-Nitrophenol	40.000	42.263	-5.7	104	0.00
57	2,4-Dinitrotoluene	40.000	41.025	-2.6	103	0.00
58	Fluorene	40.000	39.115	2.2	103	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.797	-4.5	105	0.00
60	Diethylphthalate	40.000	39.078	2.3	102	0.00
61	4-Chlorophenyl-phenylether	40.000	39.536	1.2	103	0.00
62	4-Nitroaniline	40.000	40.369	-0.9	101	0.00
63	Azobenzene	40.000	39.396	1.5	103	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.134	-2.8	98	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.723	3.2	102	0.00
67	4-Bromophenyl-phenylether	40.000	38.977	2.6	103	0.00
68	Hexachlorobenzene	40.000	38.974	2.6	102	0.00
69	Atrazine	40.000	34.643	13.4	106	0.00
70 C	Pentachlorophenol	40.000	42.779	-6.9	99	0.00
71	Phenanthrene	40.000	38.861	2.8	101	0.00
72	Anthracene	40.000	38.829	2.9	101	0.00
73	Carbazole	40.000	39.207	2.0	102	0.00
74	Di-n-butylphthalate	40.000	39.765	0.6	104	0.00
75 C	Fluoranthene	40.000	40.002	-0.0	106	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	111	0.00
77	Benzydine	40.000	39.351	1.6	111	0.00
78	Pyrene	40.000	38.219	4.5	106	0.00
79 S	Terphenyl-d14	80.000	75.460	5.7	105	0.00
80	Butylbenzylphthalate	40.000	40.542	-1.4	111	0.00
81	Benzo(a)anthracene	40.000	39.723	0.7	114	0.00
82	3,3'-Dichlorobenzidine	40.000	41.011	-2.5	110	0.00
83	Chrysene	40.000	39.406	1.5	111	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.823	-4.6	118	0.00
85 c	Di-n-octyl phthalate	40.000	43.965	-9.9	124	0.01
86 I	Perylene-d12	20.000	20.000	0.0	102	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	38.995	2.5	99	0.01
88	Benzo(b)fluoranthene	40.000	40.850	-2.1	110	0.00
89	Benzo(k)fluoranthene	40.000	40.110	-0.3	102	0.01
90 C	Benzo(a)pyrene	40.000	40.041	-0.1	103	0.01
91	Dibenzo(a,h)anthracene	40.000	40.052	-0.1	102	0.01
92	Benzo(g,h,i)perylene	40.000	39.591	1.0	101	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140536.D
Acq On : 21 Nov 2024 15:07
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Quant Time: Nov 21 16:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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: WEST04

Lab Code: CHEM Case No.: P5117 SAS No.: P5117 SDG No.: P5117

Instrument ID: BNA_F Calibration Date/Time: 12/09/2024 12:21

Lab File ID: BF140783.D Init. Calib. Date(s): 11/21/2024 11/21/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:13 14:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.084	1.222		12.7	
2-Fluorophenol	1.172	1.252		6.8	
Phenol-d6	1.550	1.644		6.1	
1,4-Dichlorobenzene	1.435	1.524		6.2	20.0
2-Methylphenol	1.010	1.067		5.6	
3+4-Methylphenols	1.298	1.393		7.3	
Nitrobenzene-d5	0.391	0.405		3.6	
Hexachloroethane	0.536	0.553		3.2	
Nitrobenzene	0.404	0.419		3.7	
Hexachlorobutadiene	0.215	0.221		2.8	20.0
2,4,6-Trichlorophenol	0.367	0.387		5.4	20.0
2-Fluorobiphenyl	1.342	1.398		4.2	
2,4,5-Trichlorophenol	0.399	0.423		6.0	
2,4-Dinitrotoluene	0.397	0.431		8.6	
2,4,6-Tribromophenol	0.214	0.229		7.0	
Hexachlorobenzene	0.238	0.251		5.5	
Pentachlorophenol	0.105	0.101		-3.8	20.0
Terphenyl-d14	1.284	1.290		0.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92885	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	346239	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	189814	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	363500	20.000	ng	0.00
76) Chrysene-d12	14.051	240	224946	20.000	ng	0.00
86) Perylene-d12	15.551	264	187010	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	465317	85.474	ng	0.00
7) Phenol-d6	6.510	99	610888	84.881	ng	0.00
23) Nitrobenzene-d5	7.434	82	560358	82.782	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	173577	85.503	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1061518	83.324	ng	-0.01
79) Terphenyl-d14	12.980	244	1160825	80.355	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	100896	44.081	ng	97
3) Pyridine	3.387	79	226988	45.072	ng	99
4) n-Nitrosodimethylamine	3.352	42	123101	41.590	ng	95
6) Aniline	6.534	93	238703	47.122	ng	89
8) 2-Chlorophenol	6.657	128	253095	43.213	ng	96
9) Benzaldehyde	6.422	77	144377	37.894	ng	97
10) Phenol	6.528	94	321134	43.692	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	238461	42.398	ng	99
12) 1,3-Dichlorobenzene	6.804	146	276244	41.976	ng	99
13) 1,4-Dichlorobenzene	6.881	146	283097	42.484	ng	99
14) 1,2-Dichlorobenzene	7.034	146	263935	42.270	ng	99
15) Benzyl Alcohol	7.016	79	219516	41.129	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	271607	40.876	ng	79
17) 2-Methylphenol	7.134	107	198206	42.276	ng	95
18) Hexachloroethane	7.375	117	102767	41.293	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	173362	40.758	ng	97
20) 3+4-Methylphenols	7.287	107	258788	42.944	ng	# 79
22) Acetophenone	7.275	105	352947	41.813	ng	94
24) Nitrobenzene	7.451	77	290315	41.497	ng	98
25) Isophorone	7.687	82	463484	41.052	ng	99
26) 2-Nitrophenol	7.769	139	133835	43.168	ng	94
27) 2,4-Dimethylphenol	7.804	122	167383m	45.123	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	283632	41.237	ng	99
29) 2,4-Dichlorophenol	8.022	162	211966	43.123	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	236722	42.180	ng	99
31) Naphthalene	8.169	128	750453	42.079	ng	99
32) Benzoic acid	7.957	122	137515	43.409	ng	98
33) 4-Chloroaniline	8.228	127	242443	45.404	ng	98
34) Hexachlorobutadiene	8.281	225	153128	41.194	ng	99
35) Caprolactam	8.598	113	66720	43.862	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	234815	42.668	ng	100
37) 2-Methylnaphthalene	8.857	142	475327	41.962	ng	100
38) 1-Methylnaphthalene	8.957	142	468155	42.163	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	233383	41.999	ng	99
41) Hexachlorocyclopentadiene	9.010	237	35211	32.913	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	147039	42.170	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 14:00:10 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160393	42.385	ng	97
46) 1,1'-Biphenyl	9.322	154	592420	41.803	ng	100
47) 2-Chloronaphthalene	9.351	162	454016	42.280	ng	99
48) 2-Nitroaniline	9.457	65	147770	42.872	ng	95
49) Acenaphthylene	9.769	152	687115	42.350	ng	100
50) Dimethylphthalate	9.622	163	517989	41.436	ng	100
51) 2,6-Dinitrotoluene	9.692	165	121961	43.017	ng	99
52) Acenaphthene	9.939	154	431042	41.812	ng	99
53) 3-Nitroaniline	9.869	138	126289	45.543	ng	94
54) 2,4-Dinitrophenol	9.986	184	69941	50.797	ng	93
55) Dibenzofuran	10.110	168	654473	41.621	ng	100
56) 4-Nitrophenol	10.051	139	110649	58.509	ng	92
57) 2,4-Dinitrotoluene	10.104	165	163601	43.418	ng	95
58) Fluorene	10.457	166	537820	42.611	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129536	44.540	ng	92
60) Diethylphthalate	10.322	149	514575	40.514	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	255101	41.184	ng	98
62) 4-Nitroaniline	10.486	138	136029	46.773	ng	95
63) Azobenzene	10.604	77	491918	40.898	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	89900	48.398	ng	98
66) n-Nitrosodiphenylamine	10.563	169	448621	41.734	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	155300	41.485	ng	96
68) Hexachlorobenzene	11.004	284	182807	42.174	ng	98
69) Atrazine	11.092	200	96773	32.001	ng	100
70) Pentachlorophenol	11.210	266	73419	38.484	ng	99
71) Phenanthrene	11.422	178	737773	42.223	ng	100
72) Anthracene	11.475	178	738326	43.197	ng	100
73) Carbazole	11.633	167	732751	44.564	ng	100
74) Di-n-butylphthalate	11.951	149	776970	40.930	ng	99
75) Fluoranthene	12.616	202	843217	44.447	ng	100
77) Benzidine	12.739	184	343811	52.569	ng	99
78) Pyrene	12.845	202	864572	41.568	ng	99
80) Butylbenzylphthalate	13.451	149	293415	39.160	ng	98
81) Benzo(a)anthracene	14.039	228	622623	41.813	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	192950	43.159	ng	100
83) Chrysene	14.080	228	573223	42.100	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	333077	35.205	ng	100
85) Di-n-octyl phthalate	14.639	149	431470	33.370	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	518227	42.522	ng	98
88) Benzo(b)fluoranthene	15.116	252	535631	45.600	ng	100
89) Benzo(k)fluoranthene	15.145	252	398082	38.727	ng	99
90) Benzo(a)pyrene	15.492	252	405609	42.469	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	426039	42.685	ng	99
92) Benzo(g,h,i)perylene	17.533	276	447357	43.923	ng	99

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

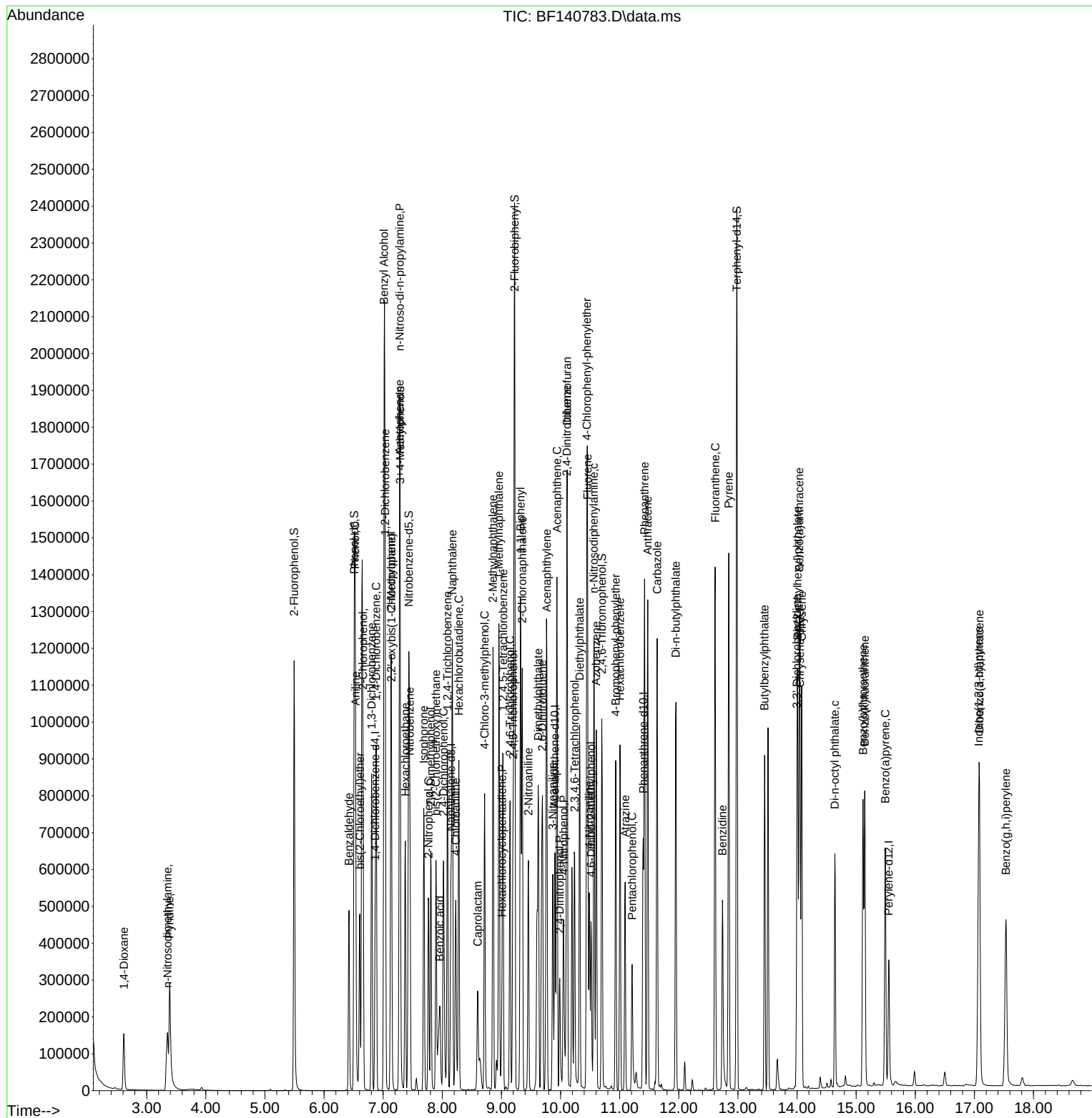
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140783.D
Acq On : 09 Dec 2024 12:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

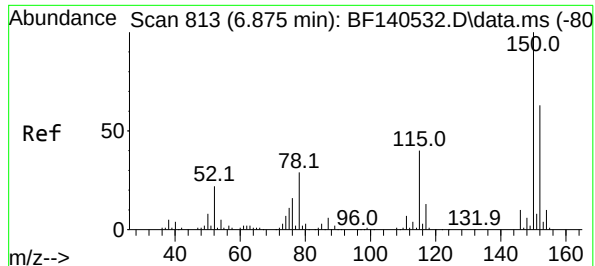
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 14:00:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration





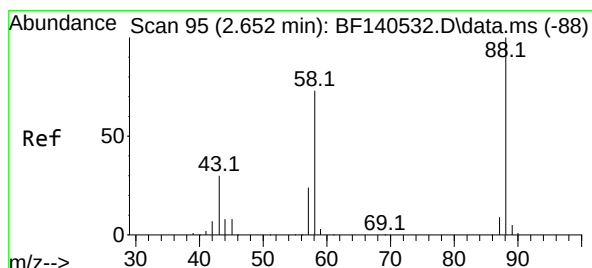
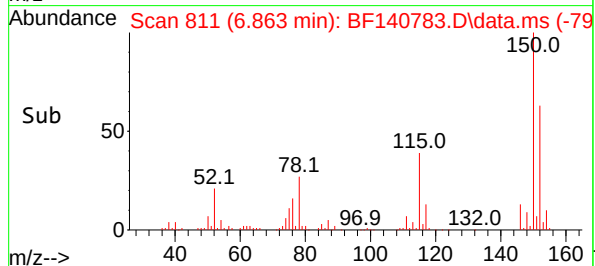
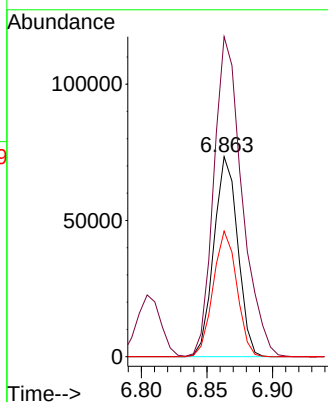
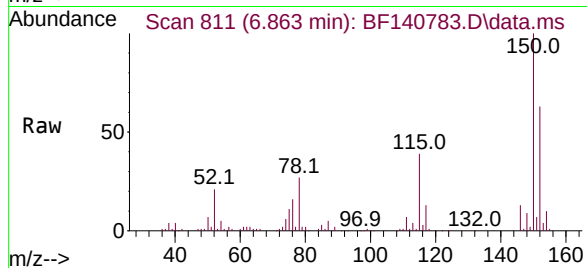
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 9288
Ion Ratio Lower Upper
152 100
150 160.0 128.5 192.7
115 62.8 50.2 75.4

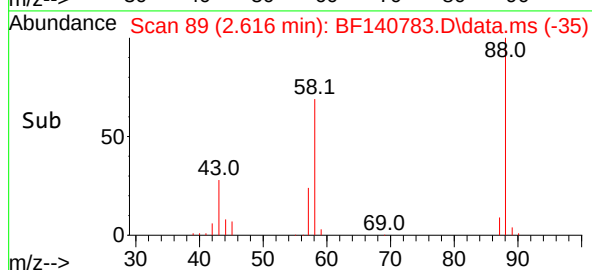
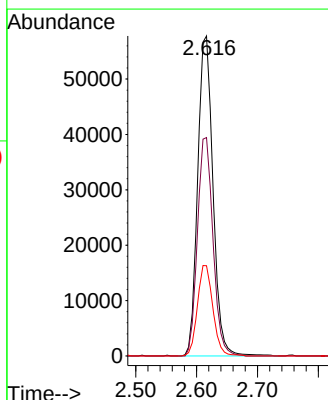
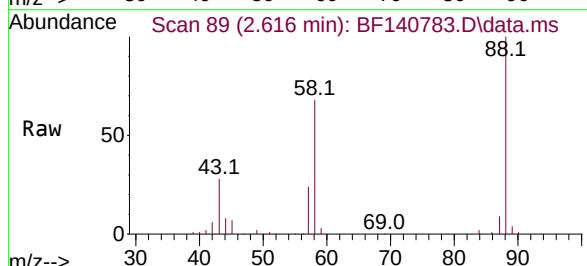
Manual Integrations
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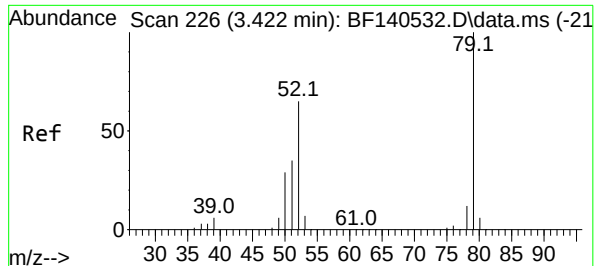
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 44.081 ng
RT: 2.616 min Scan# 89
Delta R.T. -0.035 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 88 Resp: 100896
Ion Ratio Lower Upper
88 100
58 69.3 57.4 86.2
43 28.5 24.3 36.5





#3

Pyridine

Concen: 45.072 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 22698

Ion Ratio Lower Upper

79 100

52 65.9 52.1 78.1

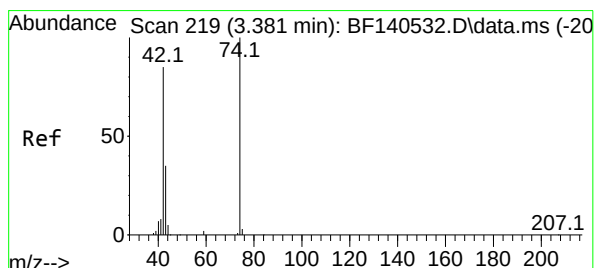
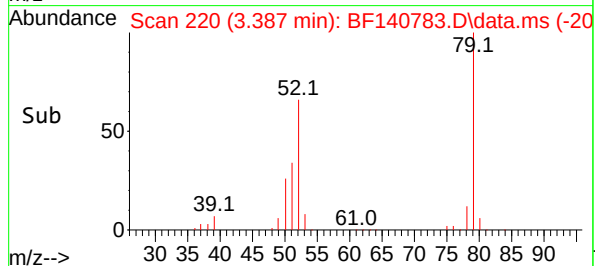
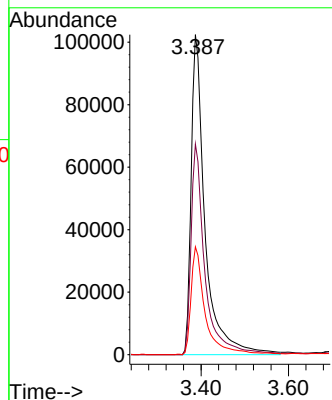
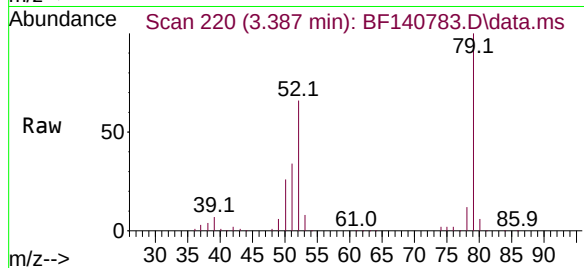
51 33.7 27.8 41.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#4

n-Nitrosodimethylamine

Concen: 41.590 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.029 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

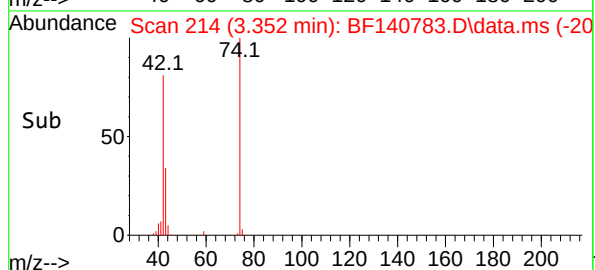
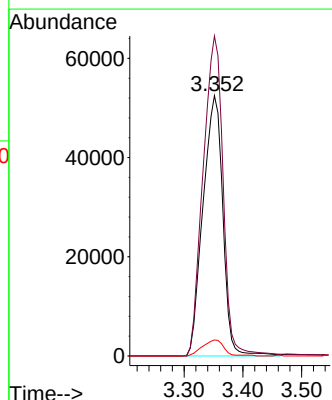
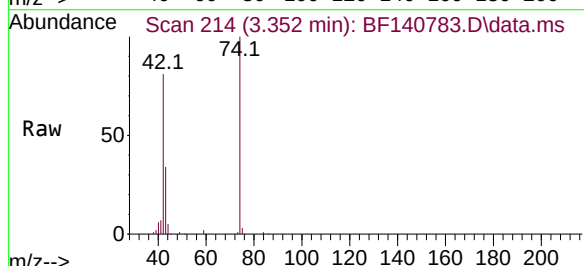
Tgt Ion: 42 Resp: 123101

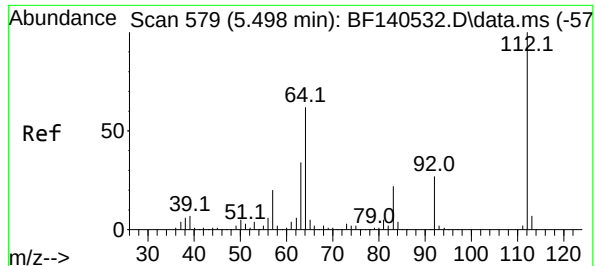
Ion Ratio Lower Upper

42 100

74 123.0 93.8 140.6

44 6.1 4.6 6.8





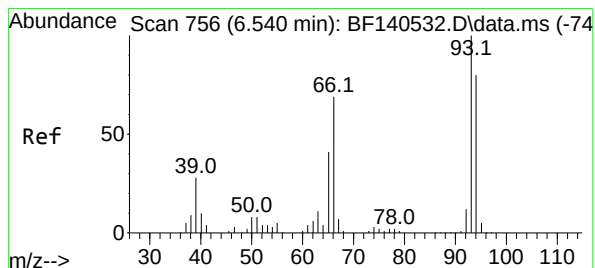
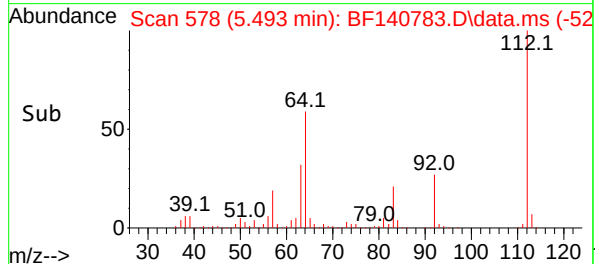
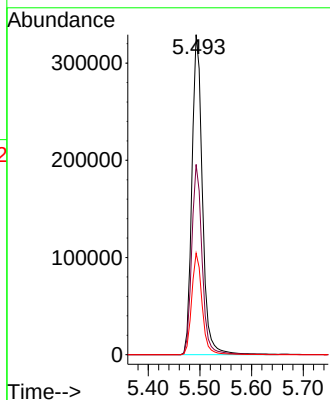
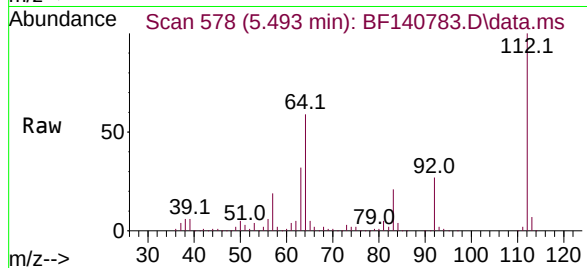
#5
2-Fluorophenol
Concen: 85.474 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 46531
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.7 27.0 40.4

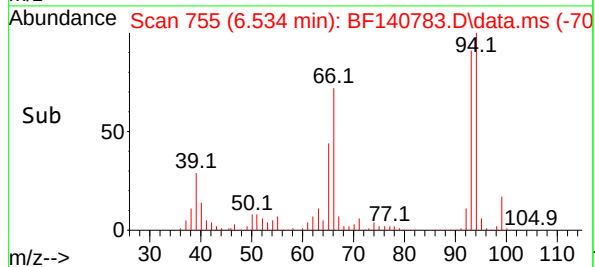
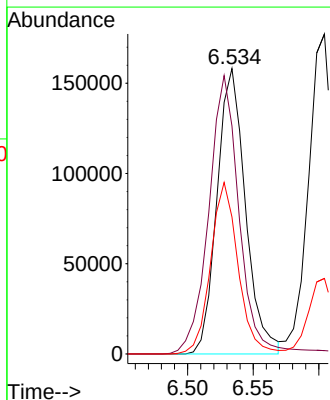
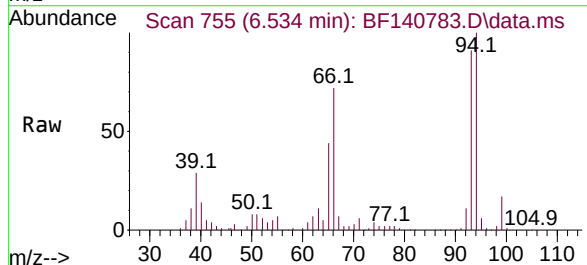
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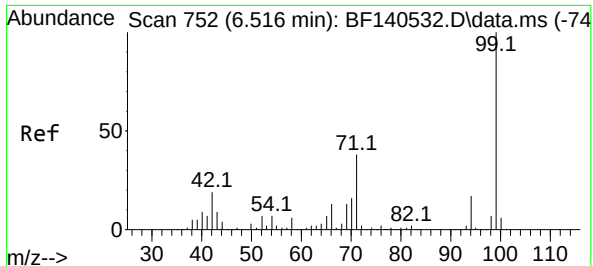
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 47.122 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

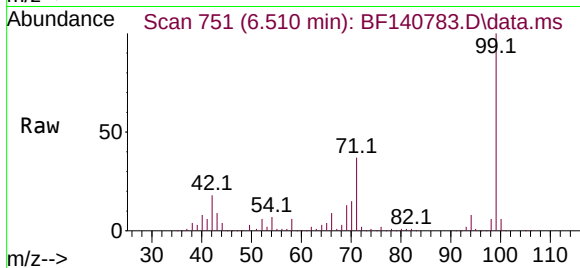
Tgt Ion: 93 Resp: 238703
Ion Ratio Lower Upper
93 100
66 79.9 56.5 84.7
65 48.0 32.9 49.3





#7
Phenol-d6
Concen: 84.881 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

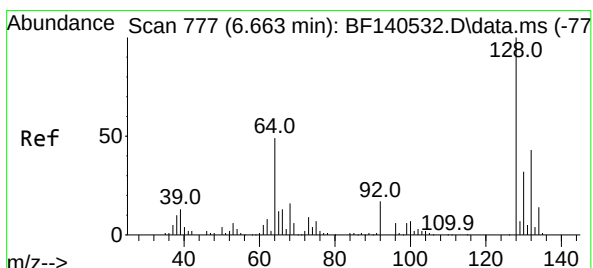
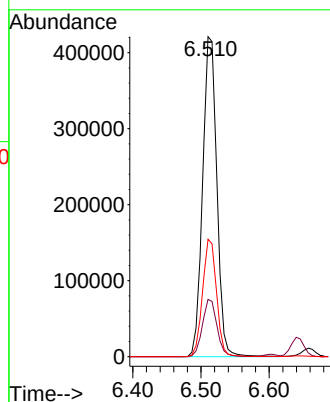
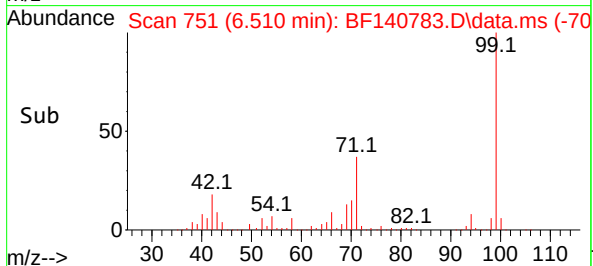
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 61088
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.7 30.6 46.0

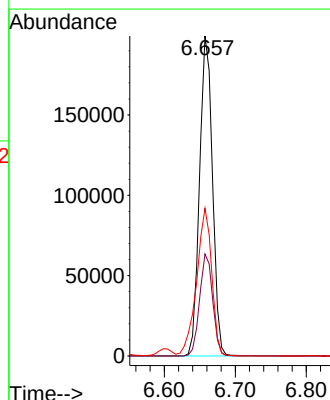
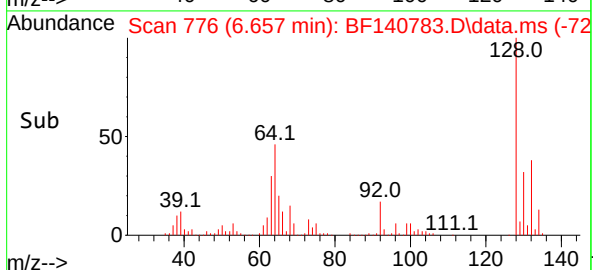
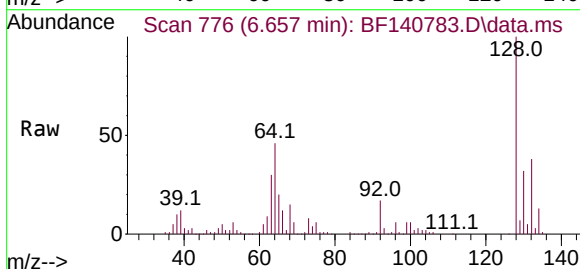
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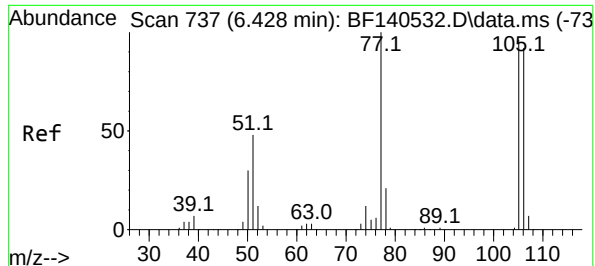
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#8
2-Chlorophenol
Concen: 43.213 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:128 Resp: 253095
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 46.2 30.2 70.2





#9

Benzaldehyde

Concen: 37.894 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 14437

Ion Ratio Lower Upper

77 100

105 99.5 75.6 115.6

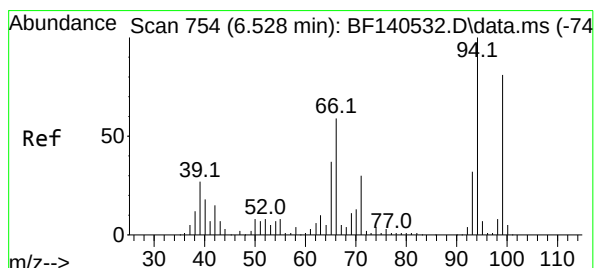
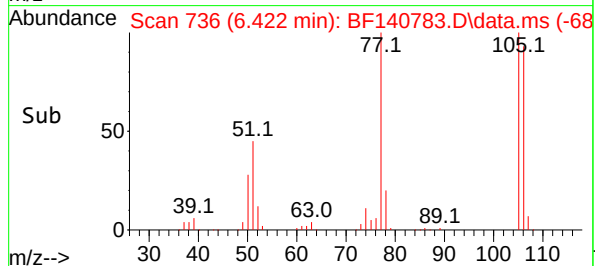
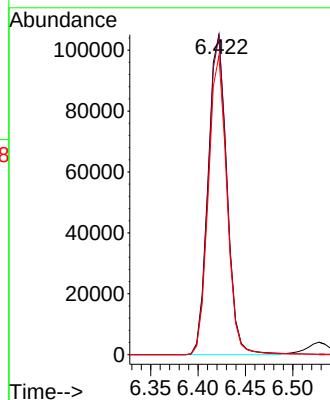
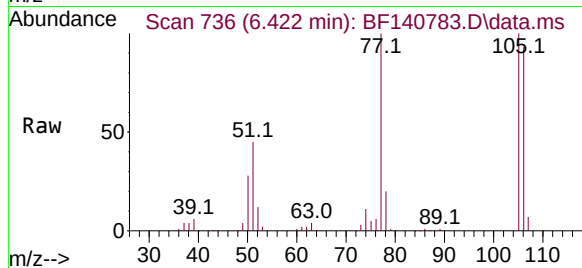
106 93.4 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#10

Phenol

Concen: 43.692 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

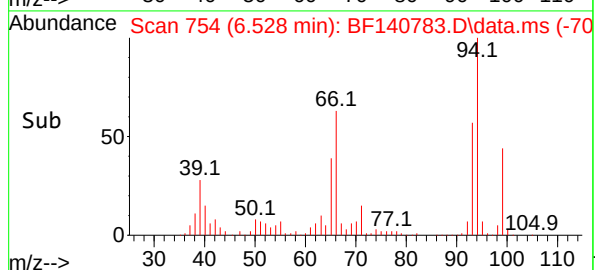
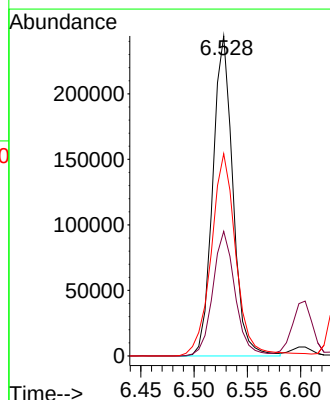
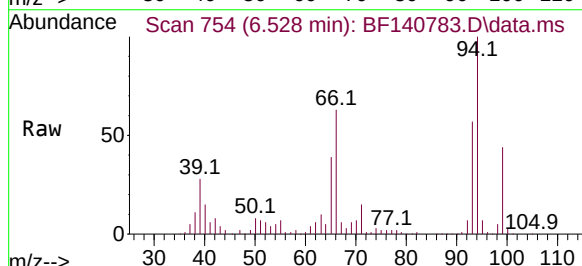
Tgt Ion: 94 Resp: 321134

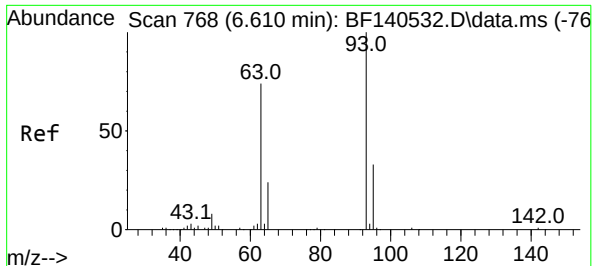
Ion Ratio Lower Upper

94 100

65 38.9 17.2 57.2

66 63.2 39.2 79.2





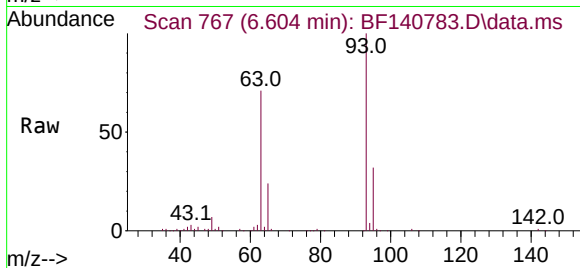
#11
bis(2-Chloroethyl)ether
Concen: 42.398 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

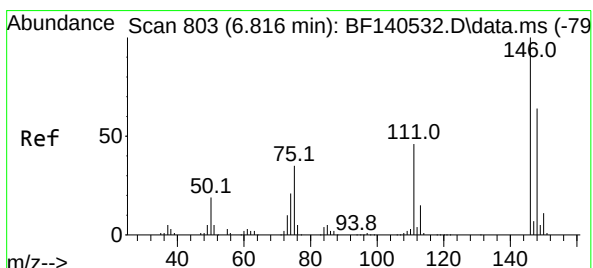
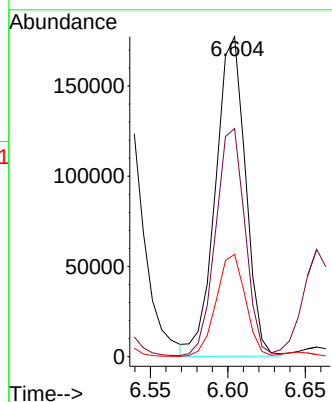
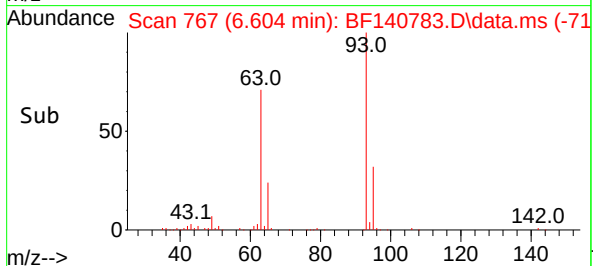
SSTDCCC040



Tgt Ion: 93 Resp: 23846
Ion Ratio Lower Upper
93 100
63 71.3 52.8 92.8
95 32.0 12.3 52.3

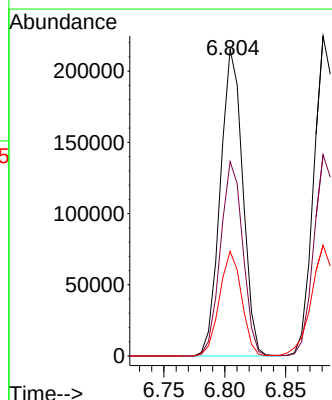
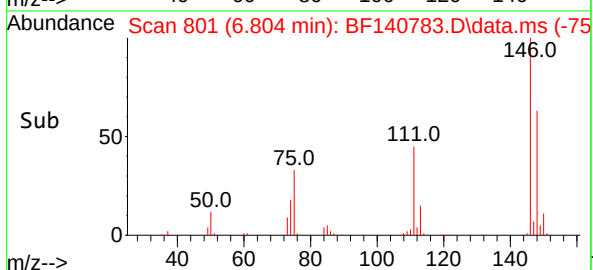
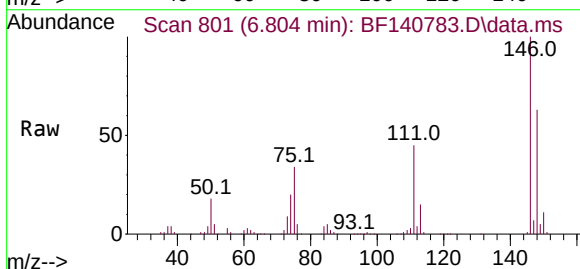
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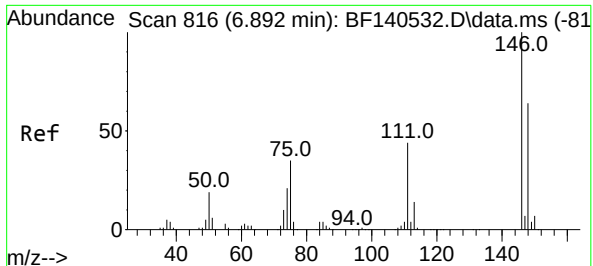
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 41.976 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:146 Resp: 276244
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 34.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.484 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 28309

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

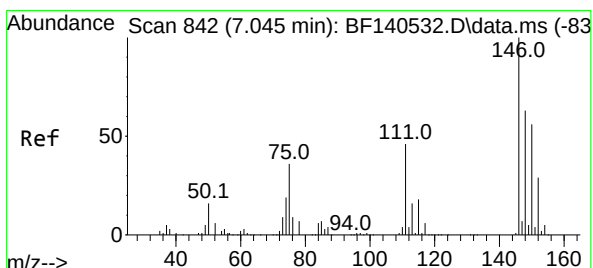
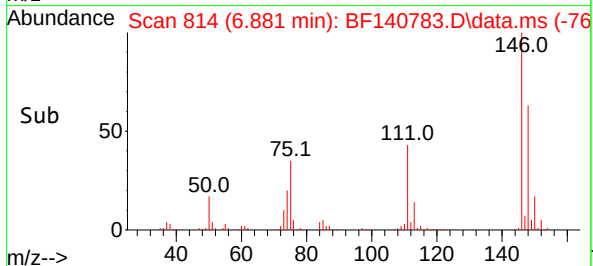
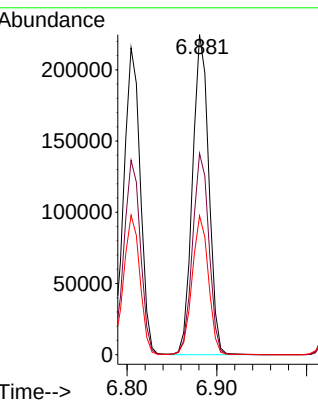
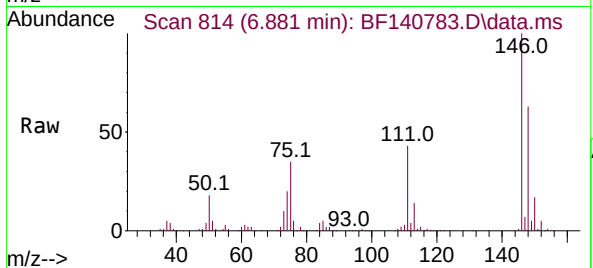
111 43.4 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#14

1,2-Dichlorobenzene

Concen: 42.270 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

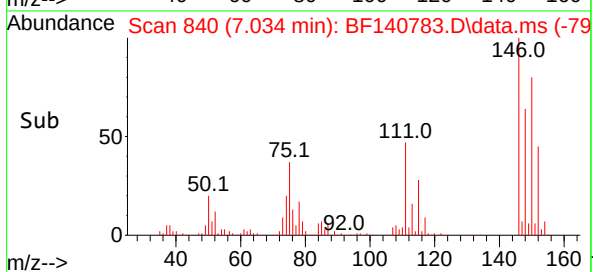
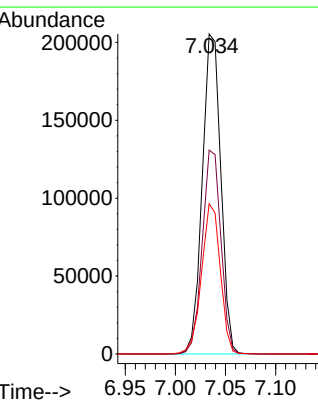
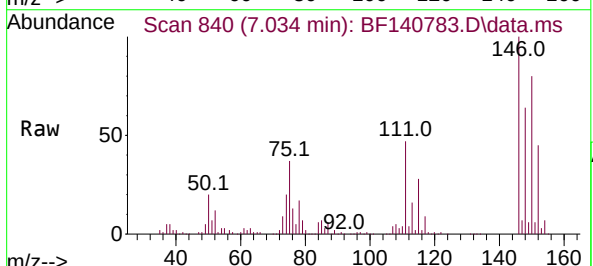
Tgt Ion:146 Resp: 263935

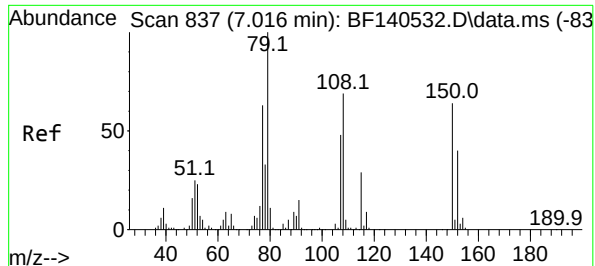
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

111 46.9 36.7 55.1





#15

Benzyl Alcohol

Concen: 41.129 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 219510

Ion Ratio Lower Upper

79 100

108 71.1 55.0 82.6

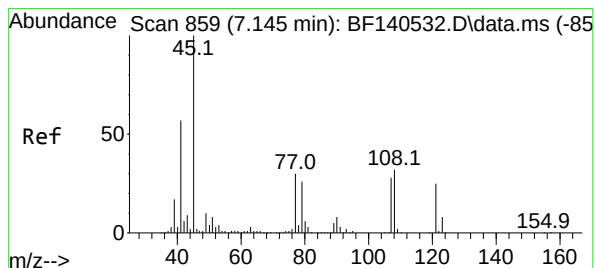
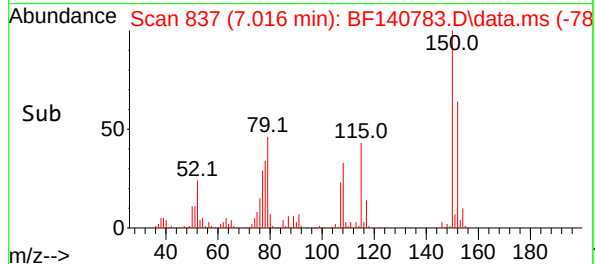
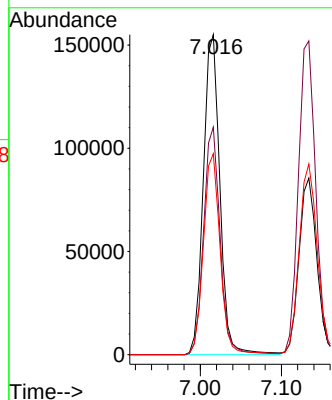
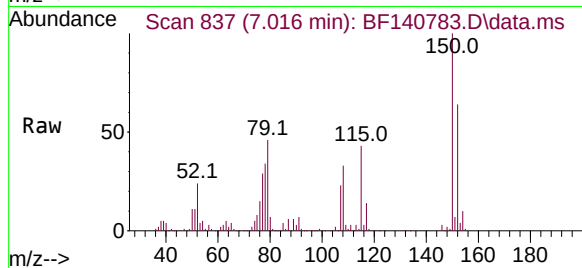
77 62.8 50.1 75.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.876 ng

RT: 7.140 min Scan# 858

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

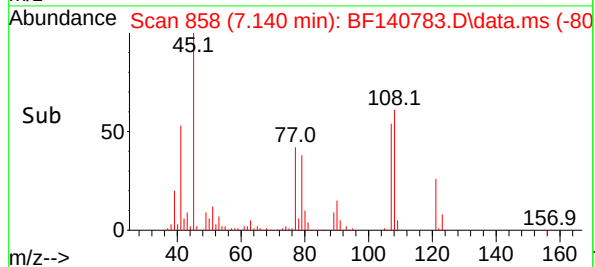
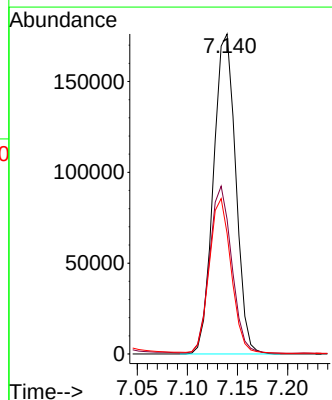
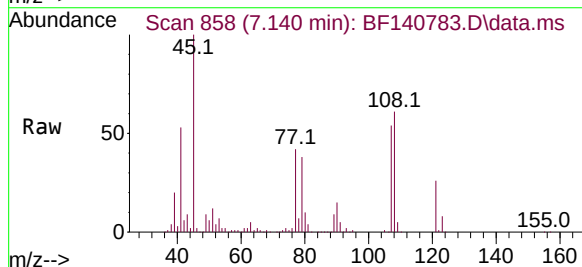
Tgt Ion: 45 Resp: 271607

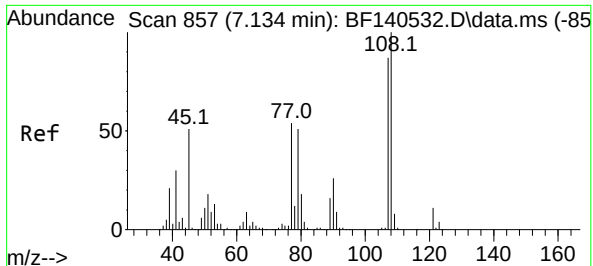
Ion Ratio Lower Upper

45 100

77 42.1 10.7 50.7

79 37.7 7.0 47.0





#17

2-Methylphenol

Concen: 42.276 ng

RT: 7.134 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 198200

Ion Ratio Lower Upper

107 100

108 113.0 91.7 137.5

77 68.7 49.3 73.9

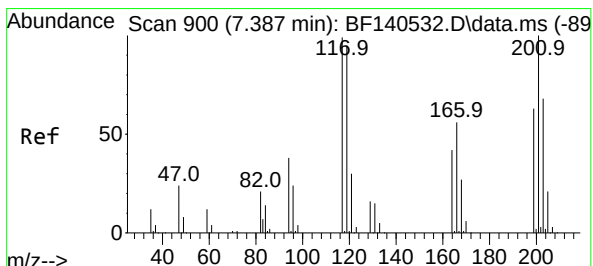
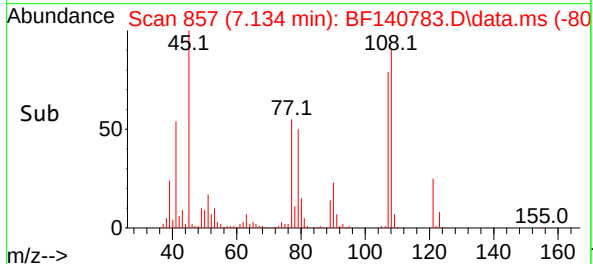
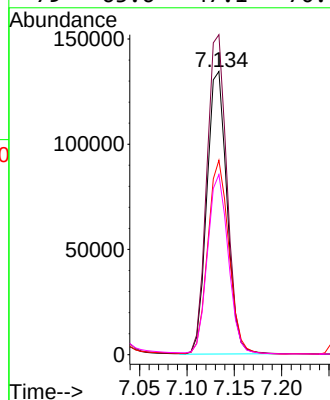
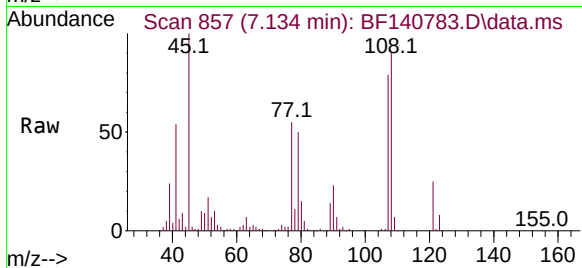
79 63.6 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#18

Hexachloroethane

Concen: 41.293 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

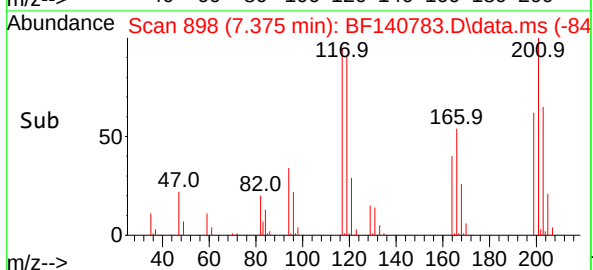
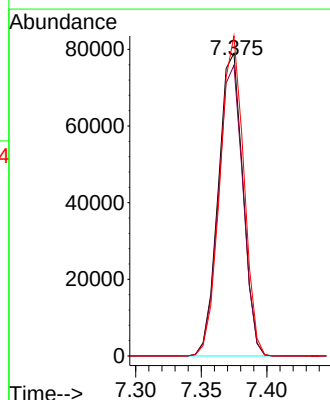
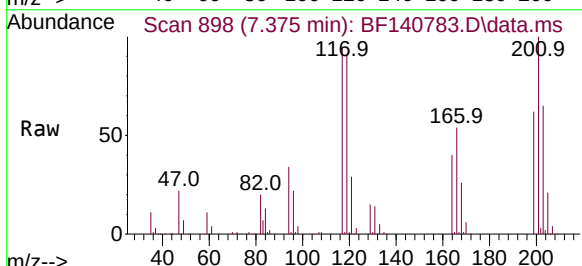
Tgt Ion:117 Resp: 102767

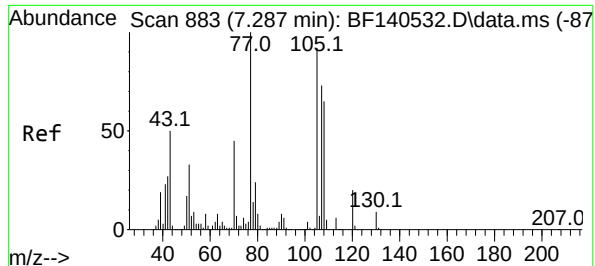
Ion Ratio Lower Upper

117 100

119 96.1 77.1 115.7

201 105.7 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.758 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140783.D

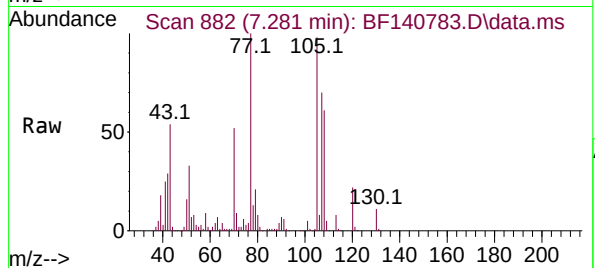
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 173362

Ion Ratio Lower Upper

70 100

42 56.6 47.6 71.4

101 9.5 7.6 11.4

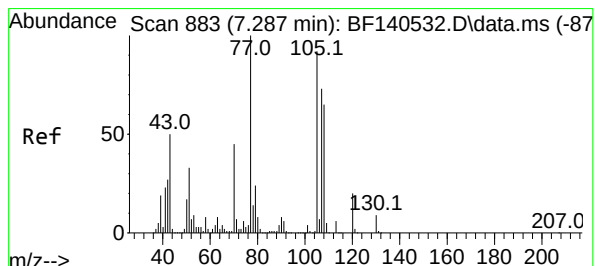
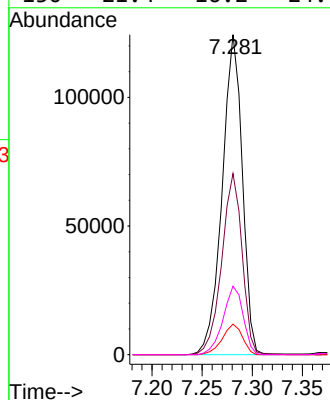
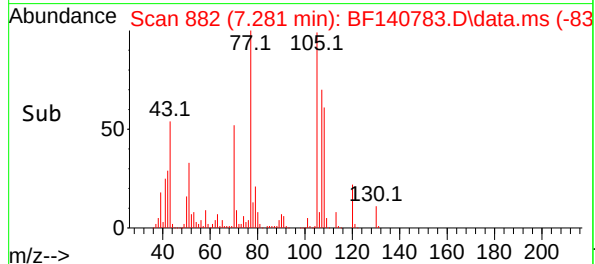
130 21.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#20

3+4-Methylphenols

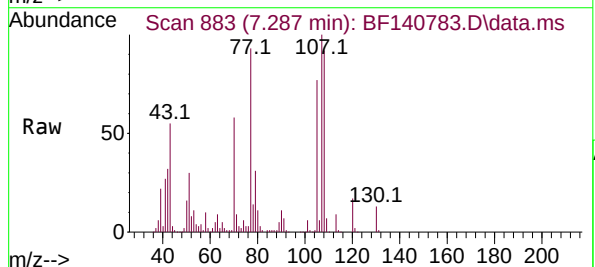
Concen: 42.944 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21



Tgt Ion:107 Resp: 258788

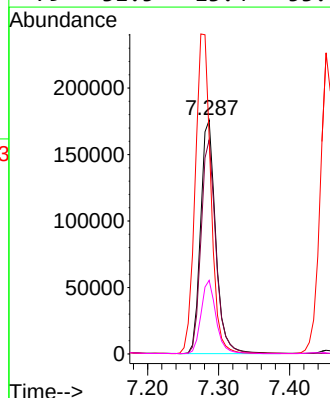
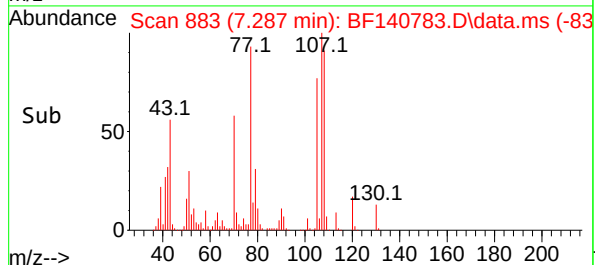
Ion Ratio Lower Upper

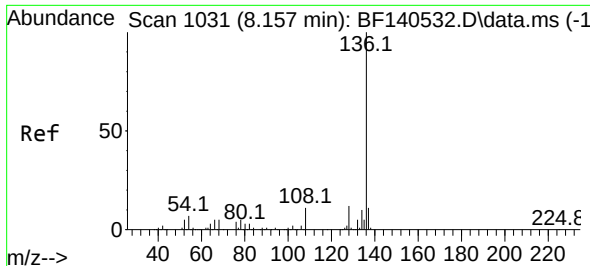
107 100

108 91.6 69.9 109.9

77 92.7 117.7 157.7#

79 31.5 13.4 53.4





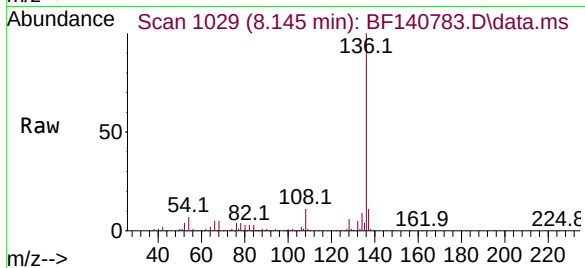
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

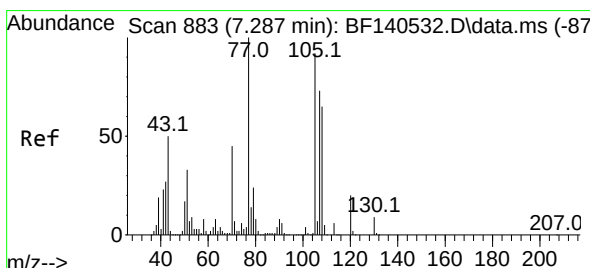
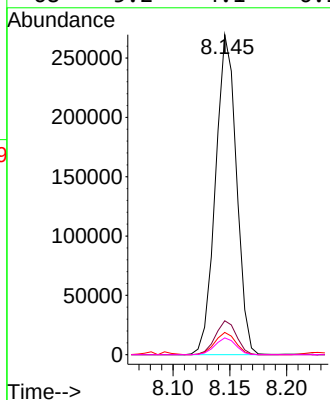
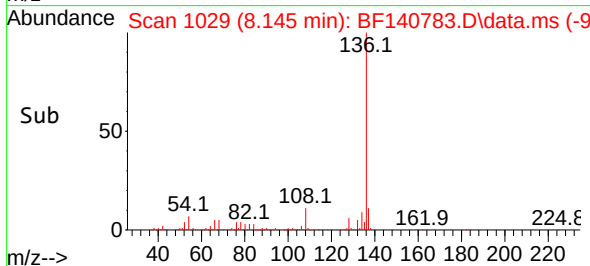


Tgt Ion:136 Resp: 346239
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1

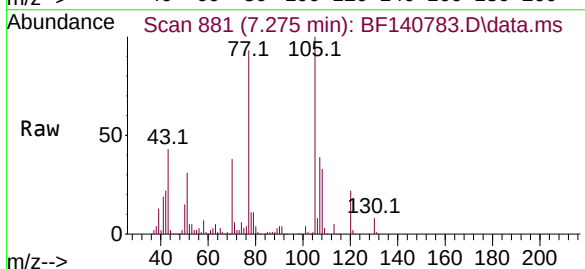
Manual Integrations

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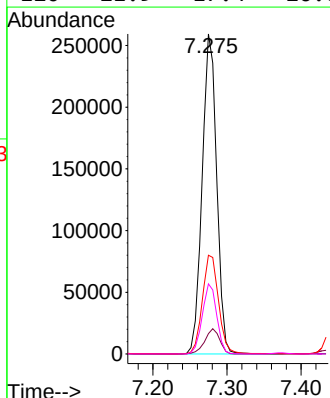
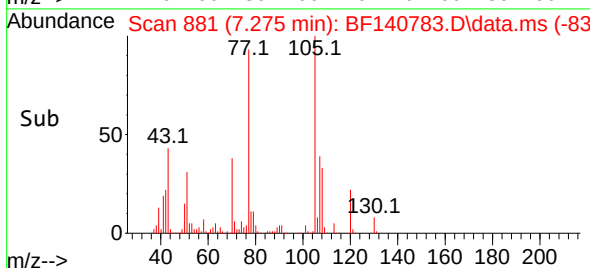
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

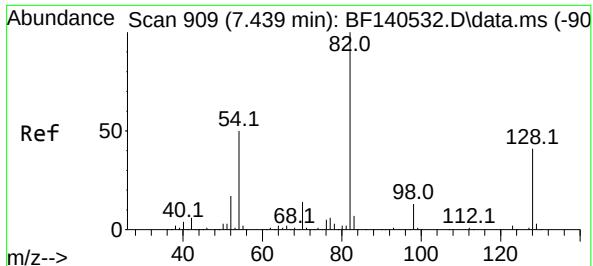


#22
Acetophenone
Concen: 41.813 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:105 Resp: 352947
Ion Ratio Lower Upper
105 100
71 6.3 6.2 9.2
51 30.9 29.0 43.6
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 82.782 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 560358

Ion Ratio Lower Upper

82 100

128 43.1 33.0 49.4

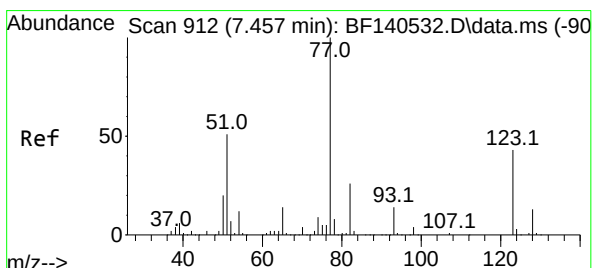
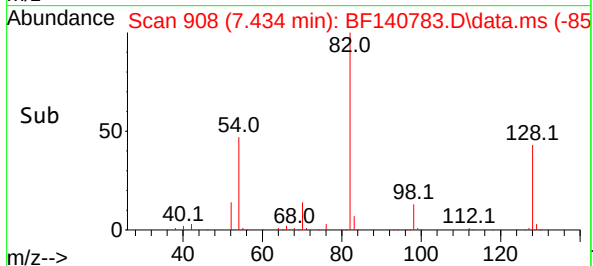
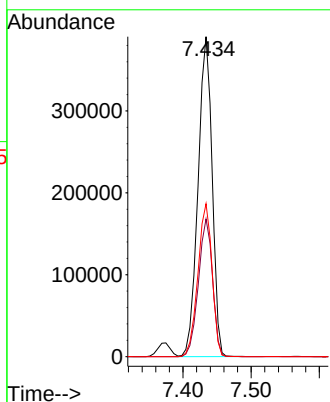
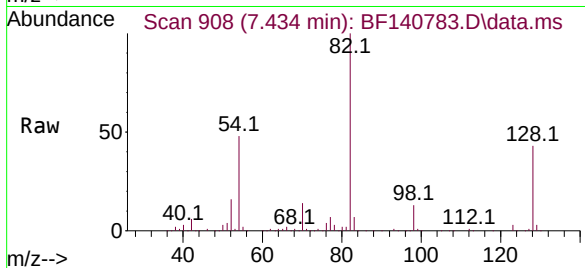
54 47.8 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#24

Nitrobenzene

Concen: 41.497 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

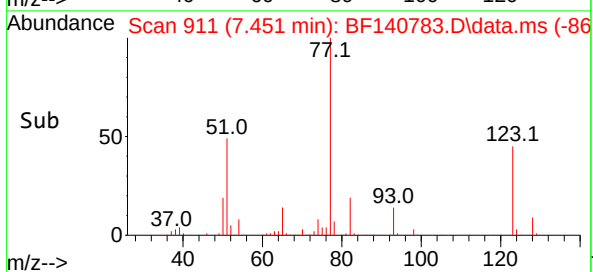
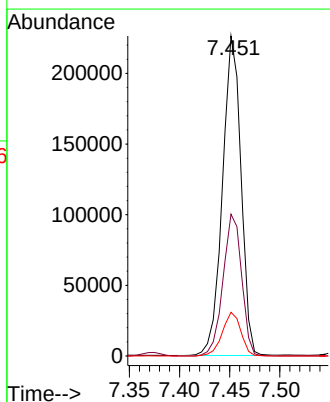
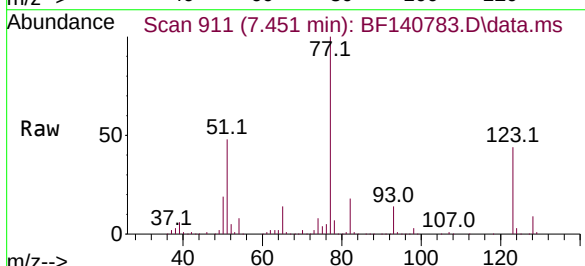
Tgt Ion: 77 Resp: 290315

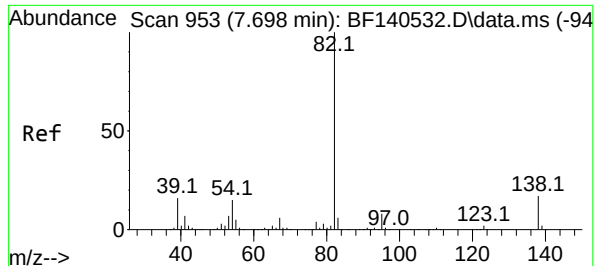
Ion Ratio Lower Upper

77 100

123 44.3 34.3 51.5

65 13.7 11.2 16.8





#25

Isophorone

Concen: 41.052 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 463484

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

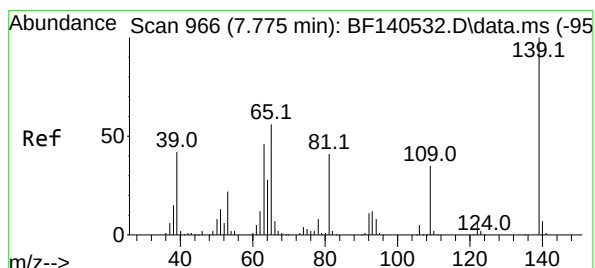
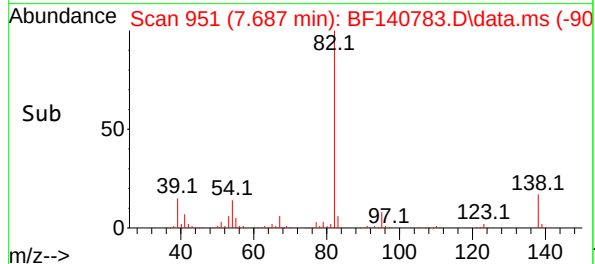
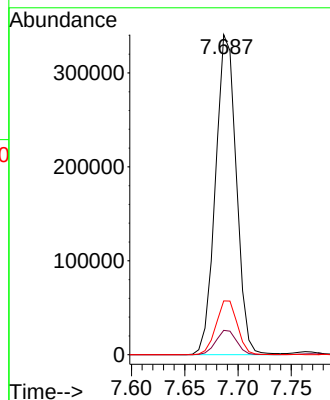
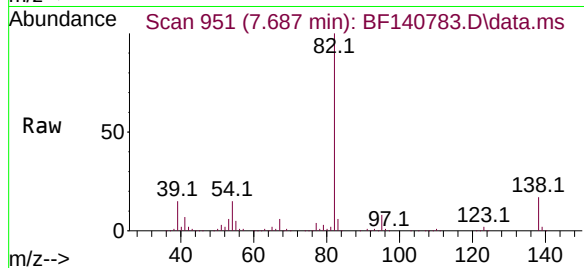
138 16.8 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#26

2-Nitrophenol

Concen: 43.168 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

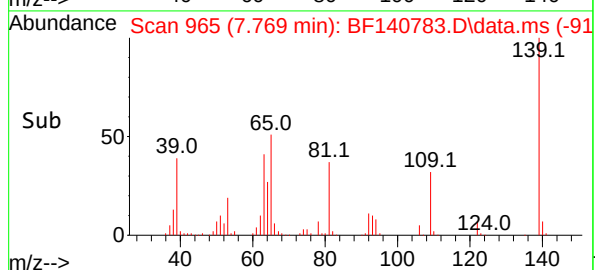
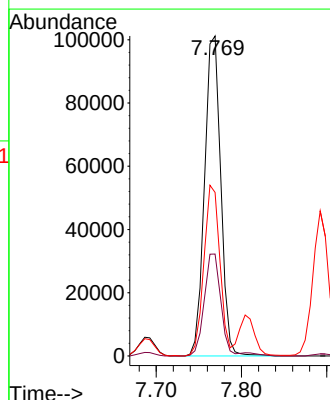
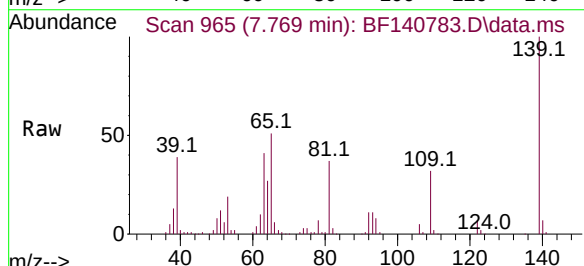
Tgt Ion:139 Resp: 133835

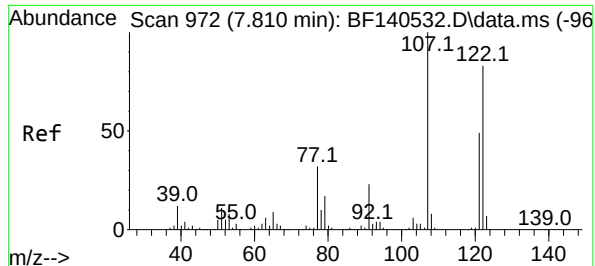
Ion Ratio Lower Upper

139 100

109 31.8 28.0 42.0

65 51.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 45.123 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 16738

Ion Ratio Lower Upper

122 100

107 116.2 96.8 145.2

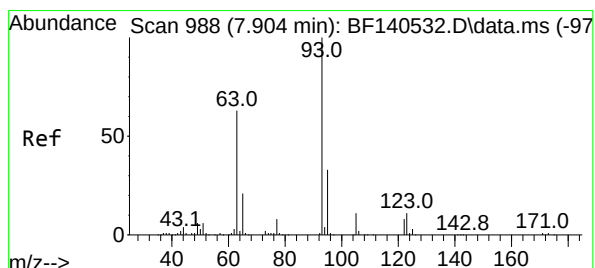
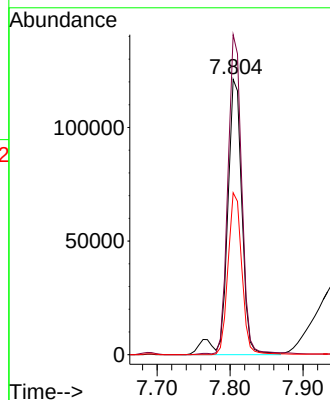
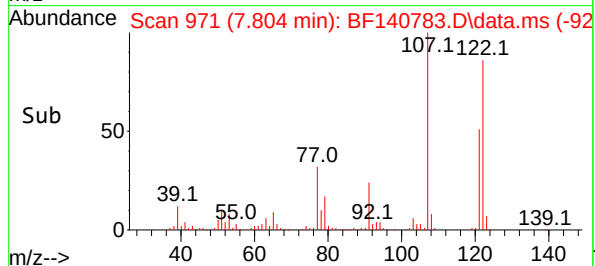
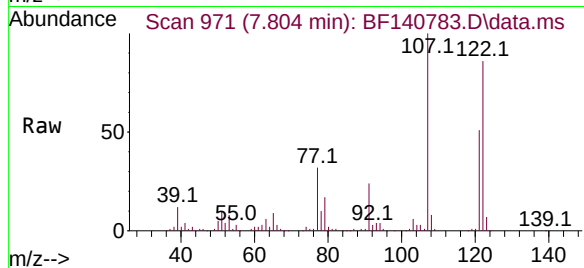
121 58.8 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.237 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

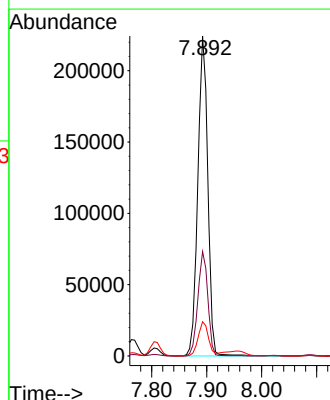
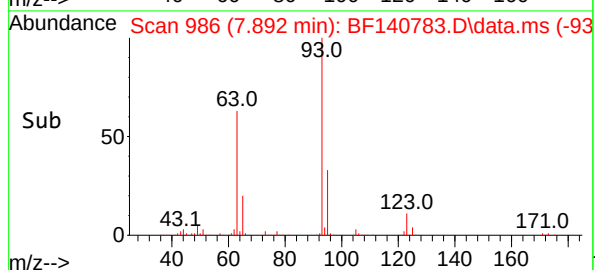
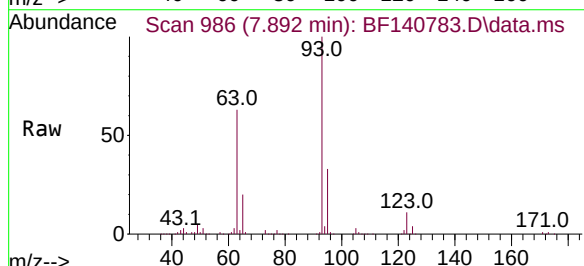
Tgt Ion: 93 Resp: 283632

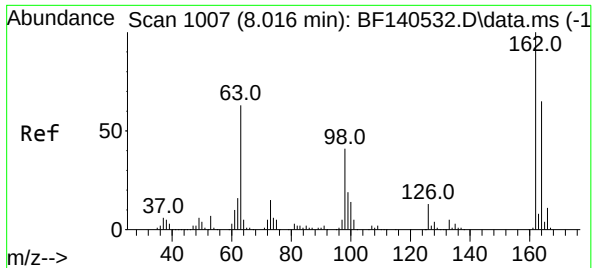
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 10.7 9.1 13.7





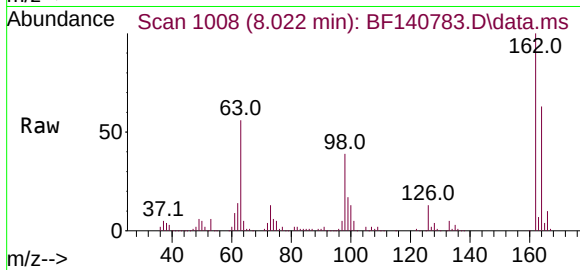
#29
2,4-Dichlorophenol
Concen: 43.123 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

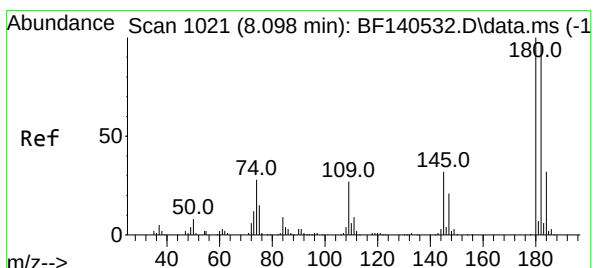
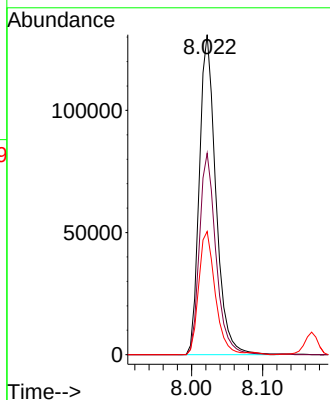
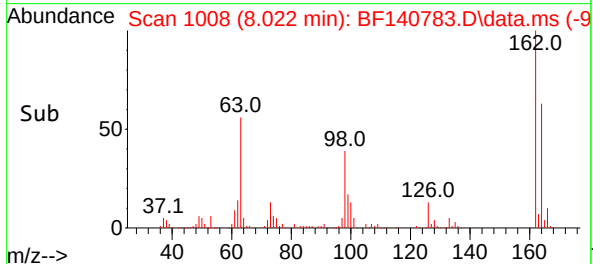


Tgt Ion:162 Resp: 211960
Ion Ratio Lower Upper
162 100
164 62.9 44.8 84.8
98 38.5 21.2 61.2

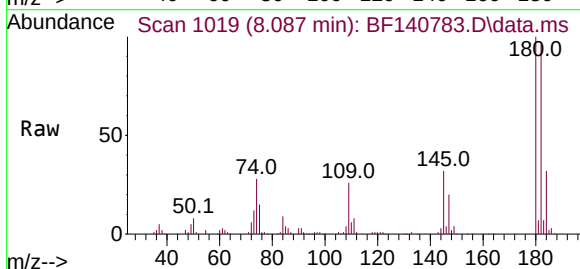
Manual Integrations

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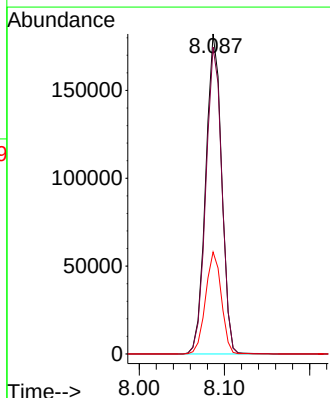
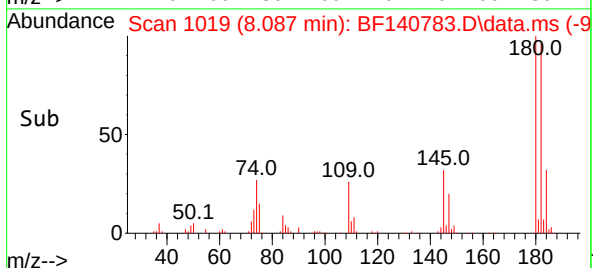
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

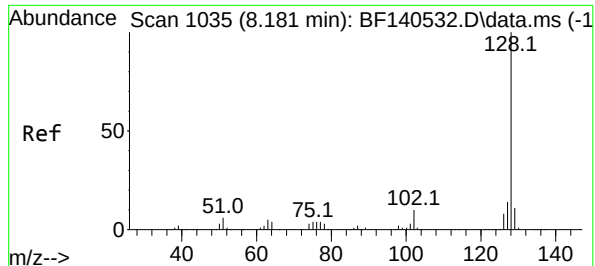


#30
1,2,4-Trichlorobenzene
Concen: 42.180 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:180 Resp: 236722
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 31.9 25.9 38.9





#31

Naphthalene

Concen: 42.079 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 75045

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

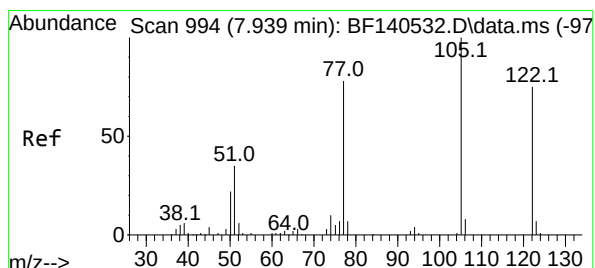
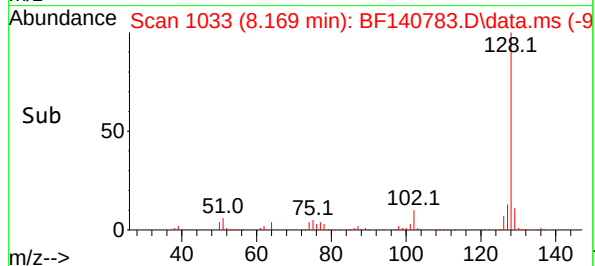
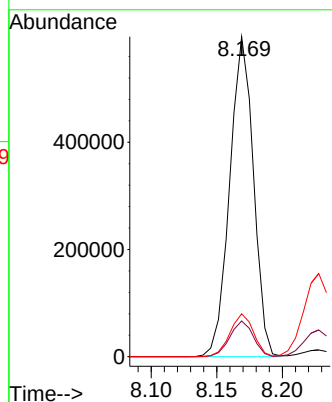
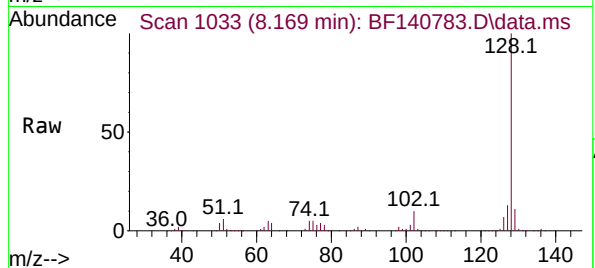
127 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#32

Benzoic acid

Concen: 43.409 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.018 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

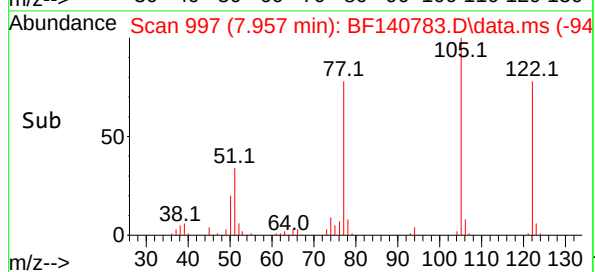
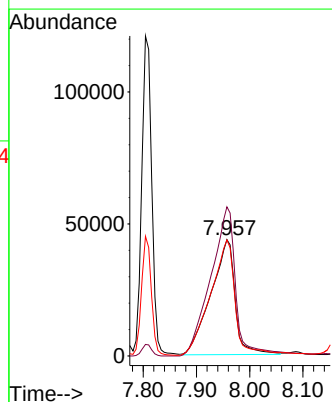
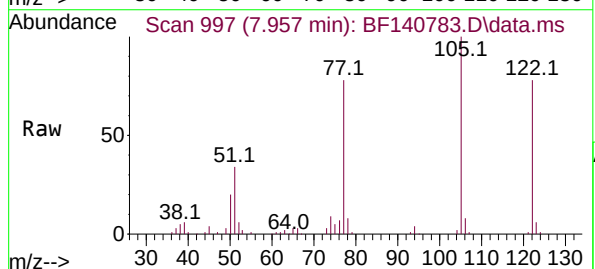
Tgt Ion:122 Resp: 137515

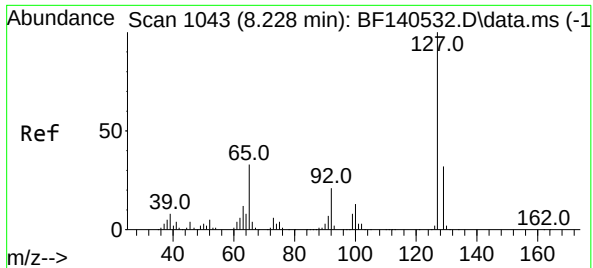
Ion Ratio Lower Upper

122 100

105 128.2 109.3 149.3

77 99.7 82.3 122.3





#33

4-Chloroaniline

Concen: 45.404 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 24244

Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

65 30.7 26.0 39.0

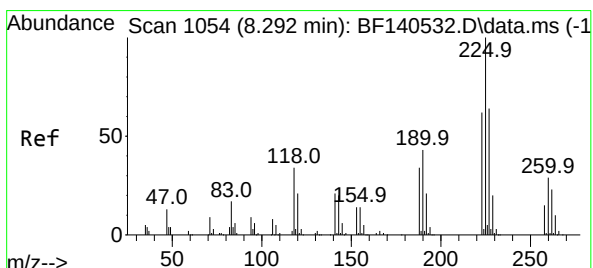
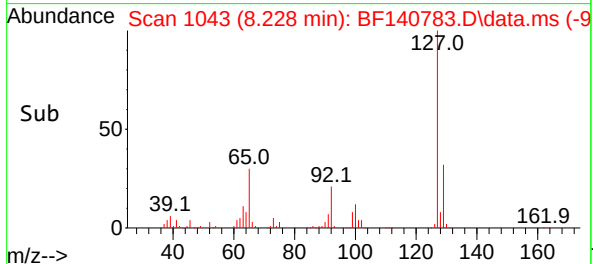
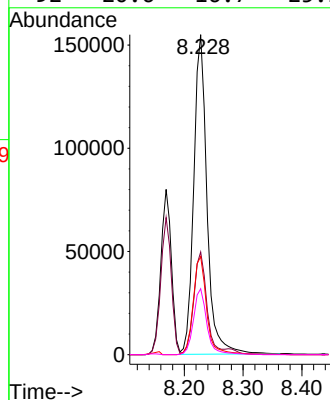
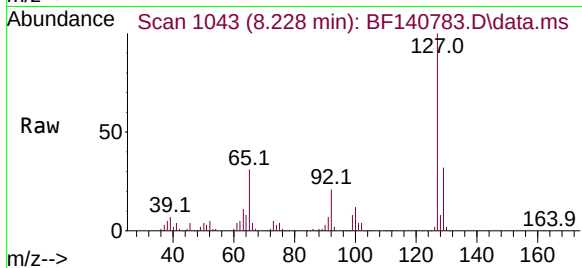
92 20.6 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#34

Hexachlorobutadiene

Concen: 41.194 ng

RT: 8.281 min Scan# 1052

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

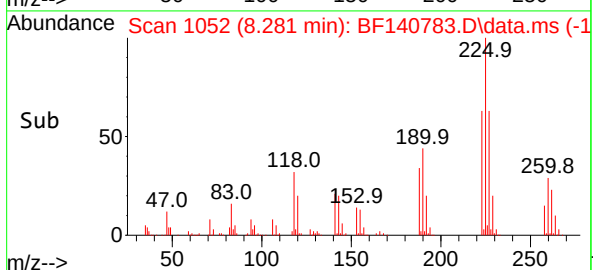
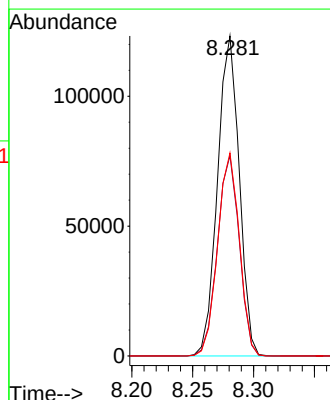
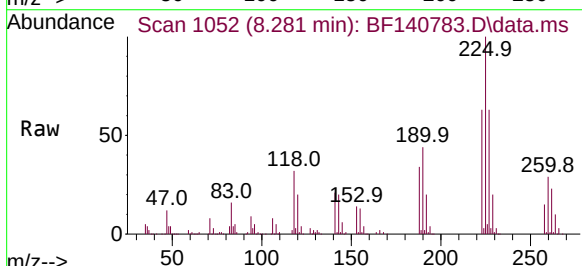
Tgt Ion:225 Resp: 153128

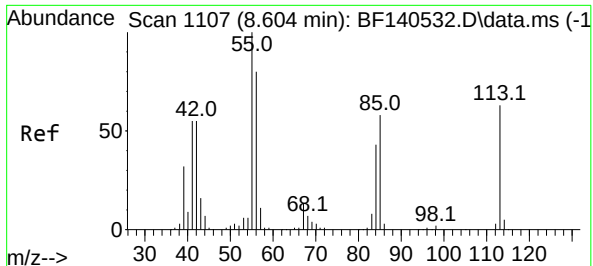
Ion Ratio Lower Upper

225 100

223 62.6 49.8 74.8

227 63.5 51.3 76.9





#35

Caprolactam

Concen: 43.862 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 66720

Ion Ratio Lower Upper

113 100

55 154.8 137.7 177.7

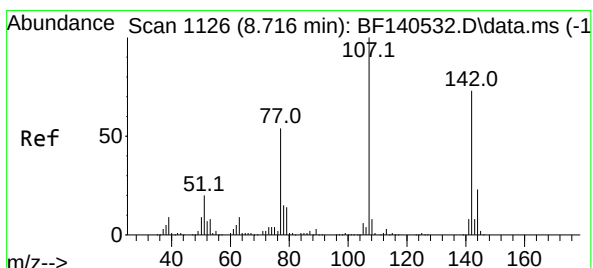
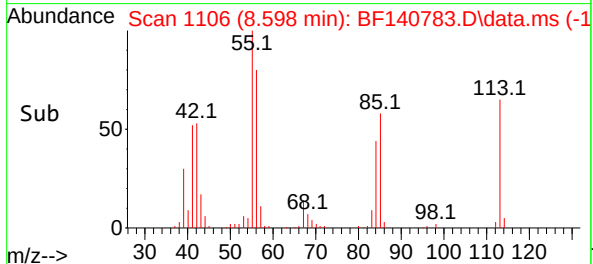
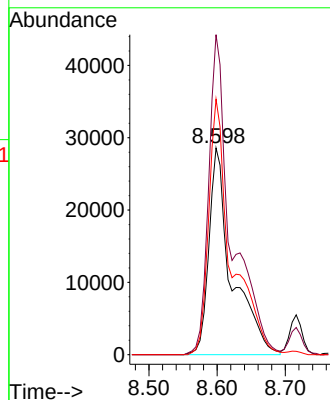
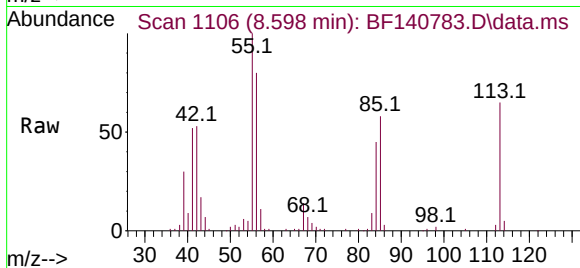
56 123.6 106.4 146.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#36

4-Chloro-3-methylphenol

Concen: 42.668 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

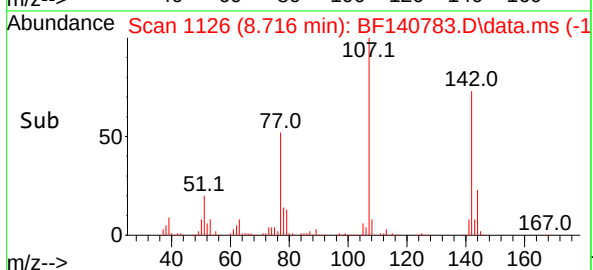
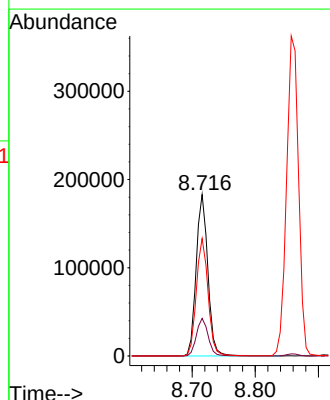
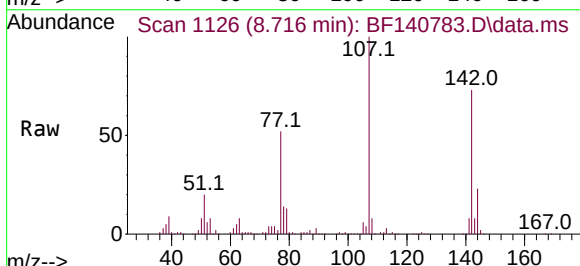
Tgt Ion:107 Resp: 234815

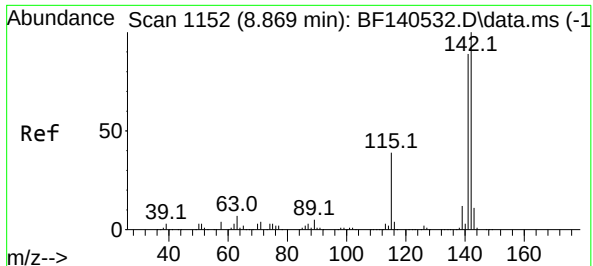
Ion Ratio Lower Upper

107 100

144 23.3 18.7 28.1

142 72.7 58.3 87.5





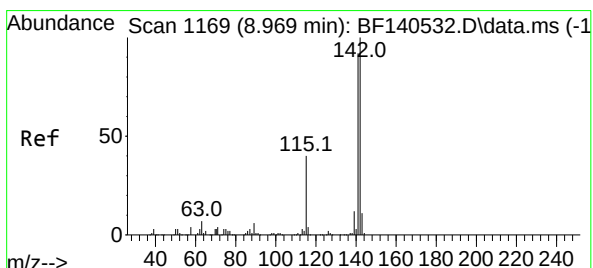
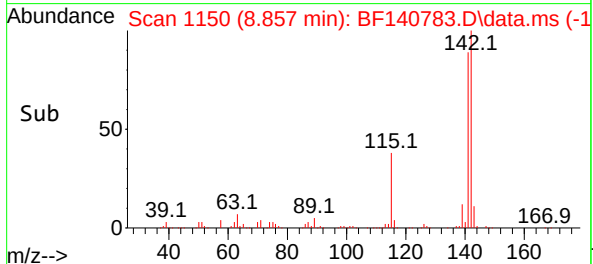
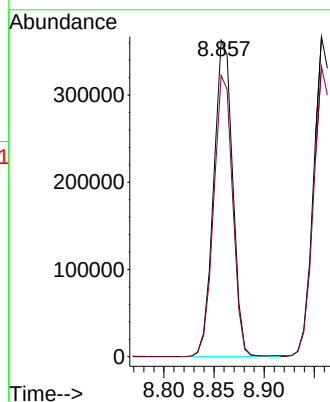
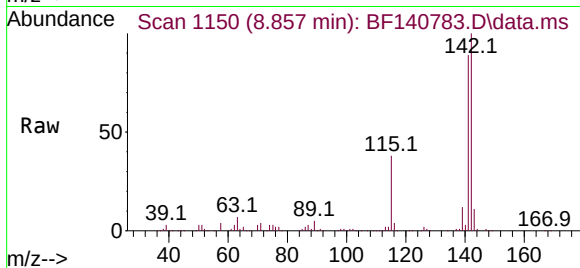
#37
2-Methylnaphthalene
Concen: 41.962 ng
RT: 8.857 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 47532
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6

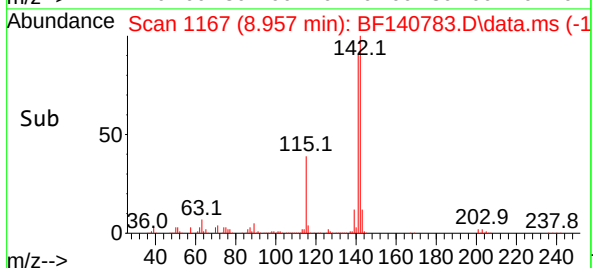
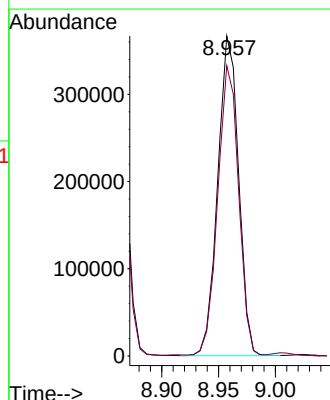
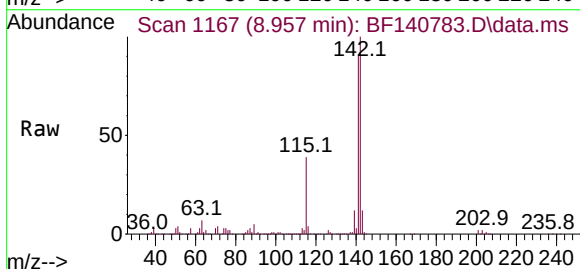
Manual Integrations
APPROVED

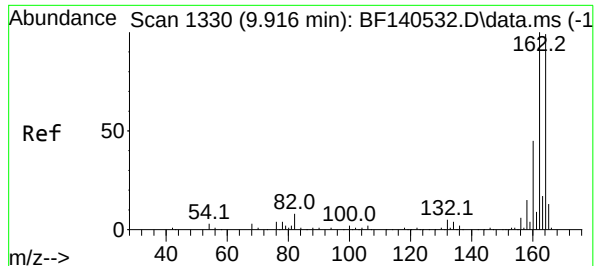
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 42.163 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:142 Resp: 468155
Ion Ratio Lower Upper
142 100
141 90.7 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140783.D

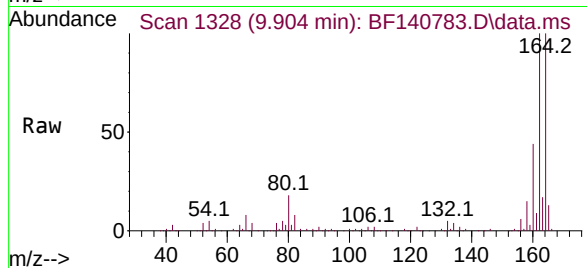
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 189814

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

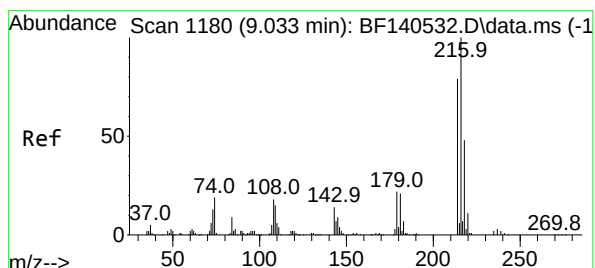
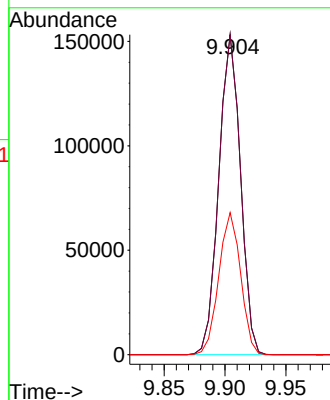
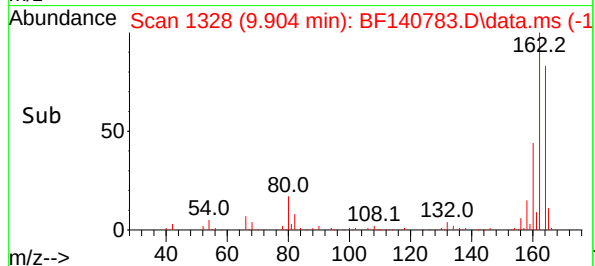
160 44.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#40

1,2,4,5-Tetrachlorobenzene

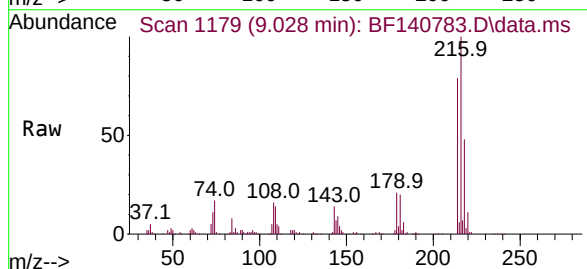
Concen: 41.999 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21



Tgt Ion:216 Resp: 233383

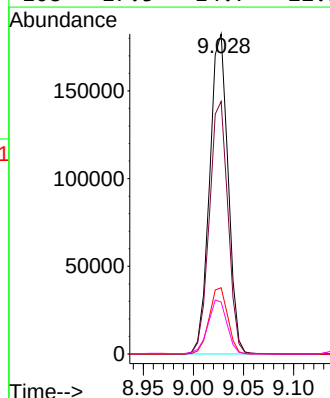
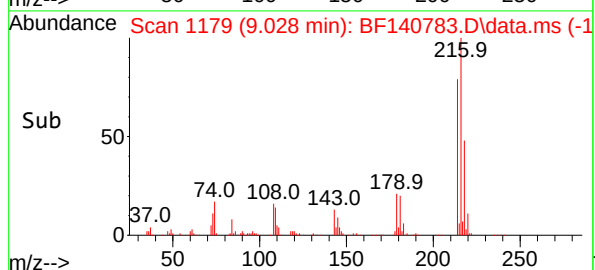
Ion Ratio Lower Upper

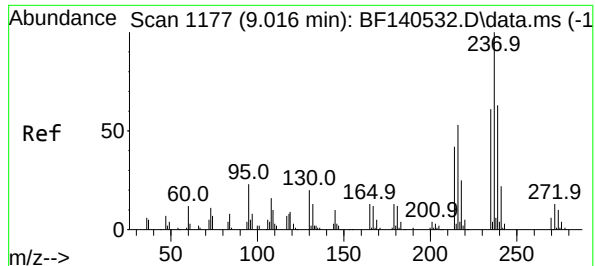
216 100

214 79.6 63.0 94.4

179 20.8 17.5 26.3

108 17.5 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 32.913 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 3521

Ion Ratio Lower Upper

237 100

235 63.8 41.1 81.1

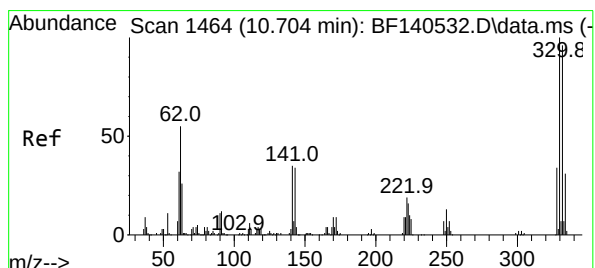
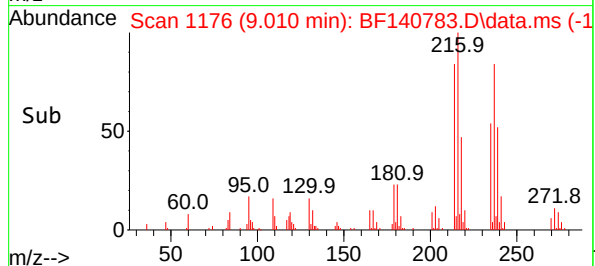
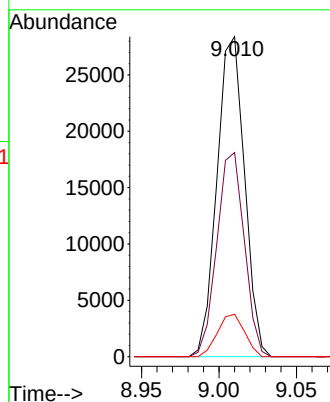
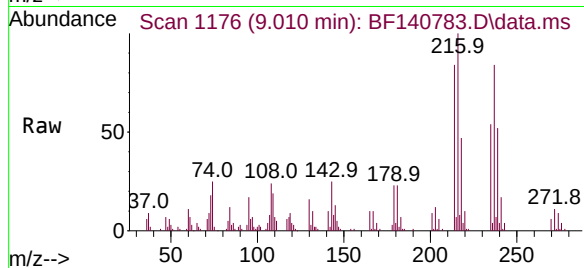
272 13.3 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#42

2,4,6-Tribromophenol

Concen: 85.503 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

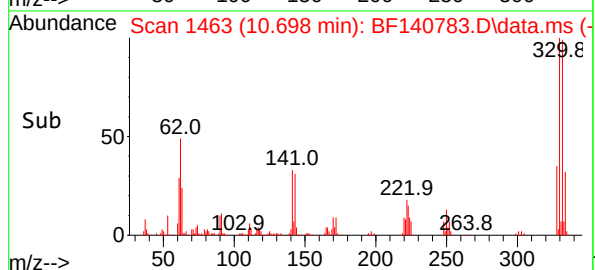
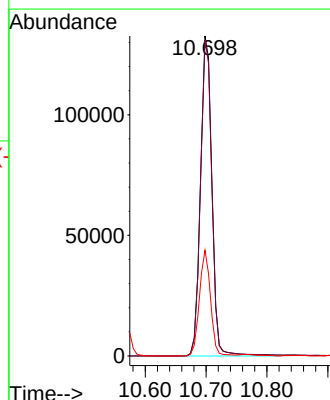
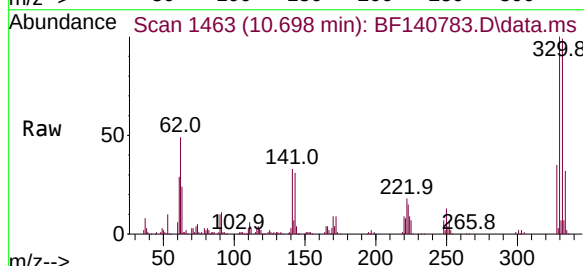
Tgt Ion:330 Resp: 173577

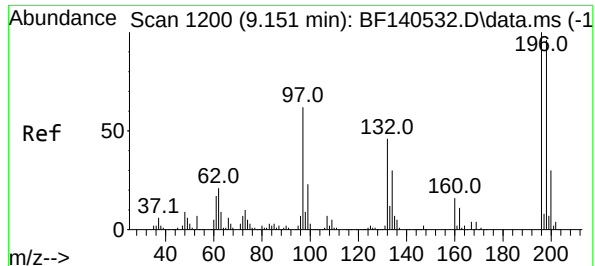
Ion Ratio Lower Upper

330 100

332 99.1 76.9 115.3

141 31.9 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 42.170 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 147039

Ion Ratio Lower Upper

196 100

198 94.9 76.8 115.2

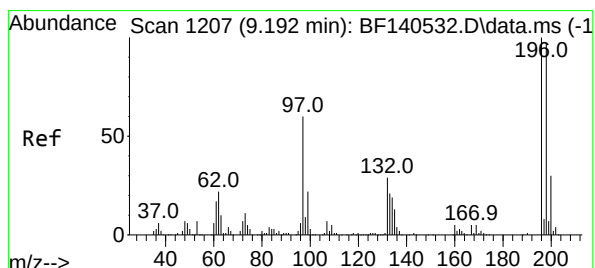
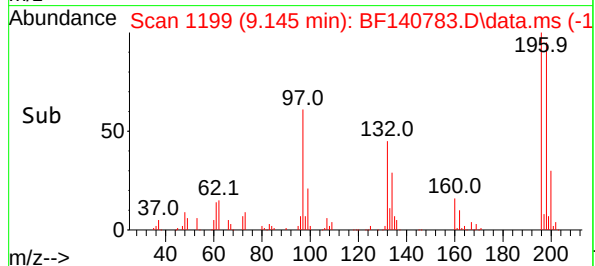
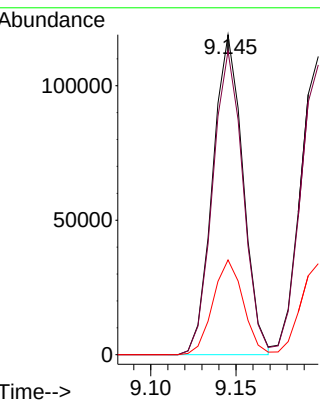
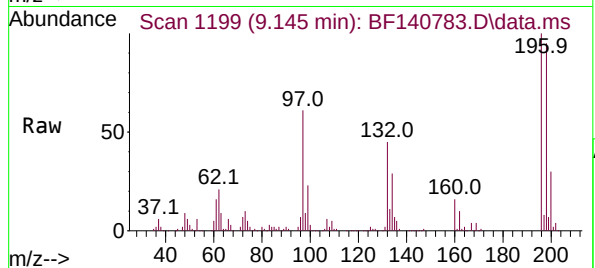
200 29.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 42.385 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Tgt Ion:196 Resp: 160393

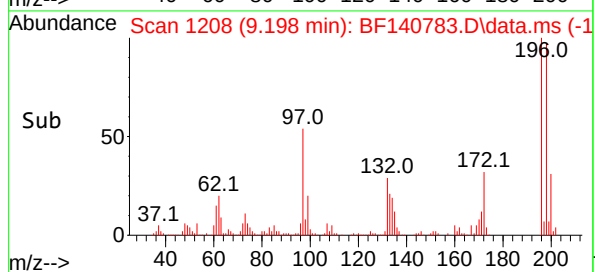
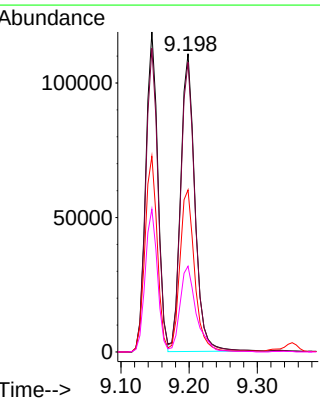
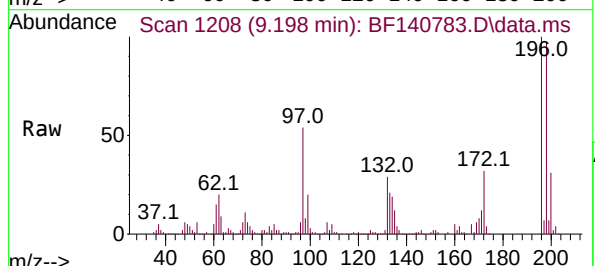
Ion Ratio Lower Upper

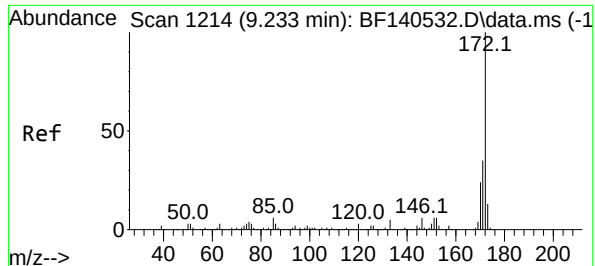
196 100

198 97.2 77.2 115.8

97 54.4 47.1 70.7

132 28.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 83.324 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1061518

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

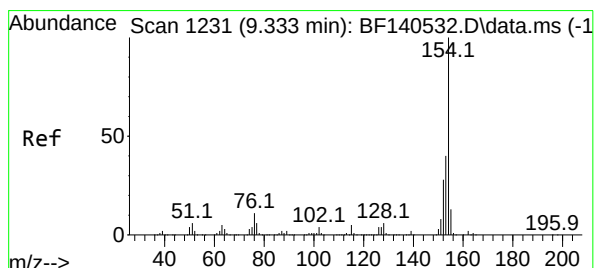
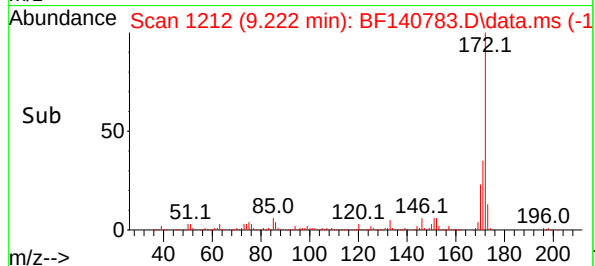
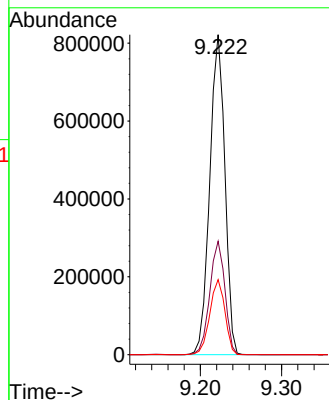
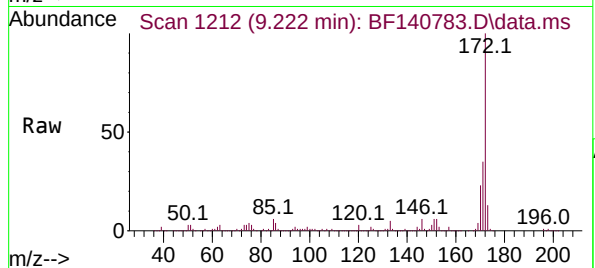
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 41.803 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

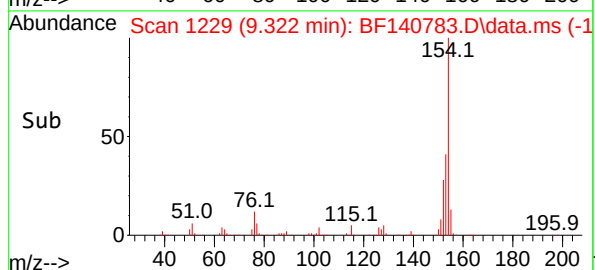
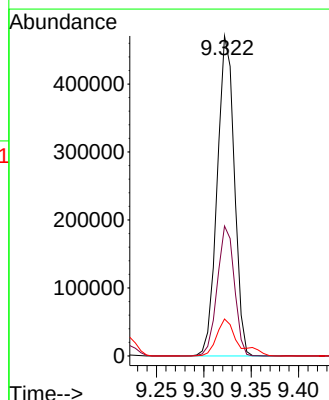
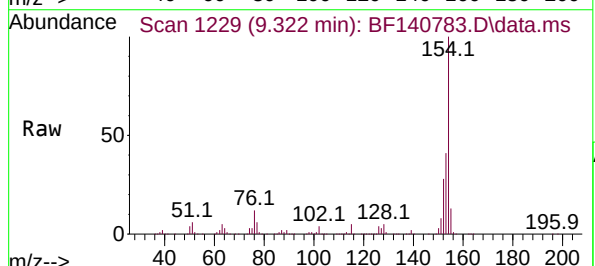
Tgt Ion:154 Resp: 592420

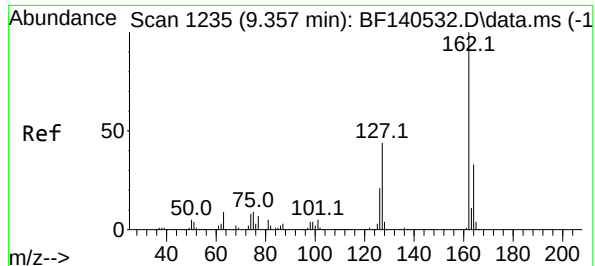
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.6 0.0 31.2





#47

2-Chloronaphthalene

Concen: 42.280 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 454010

Ion Ratio Lower Upper

162 100

127 43.6 35.7 53.5

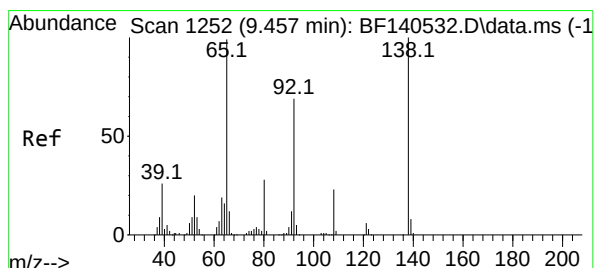
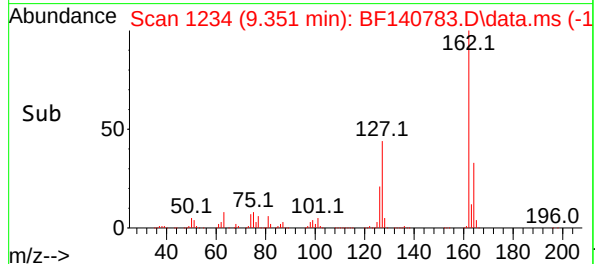
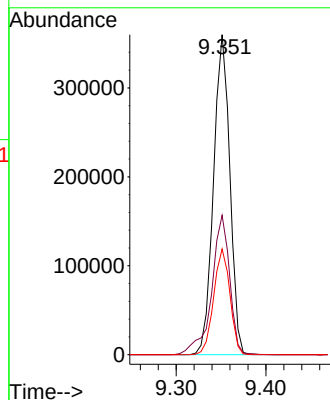
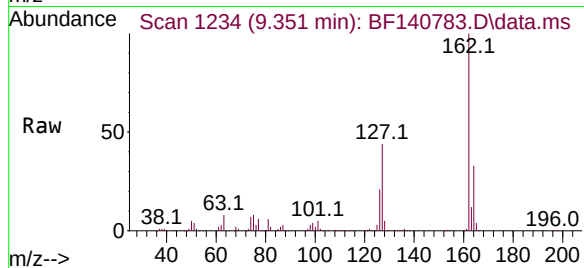
164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 42.872 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

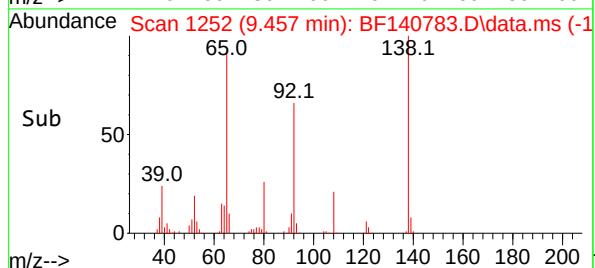
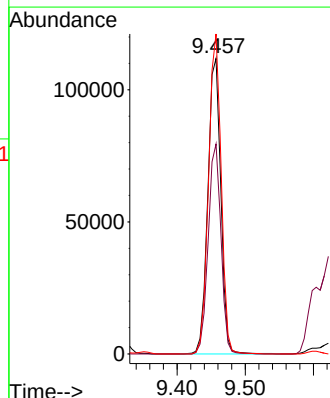
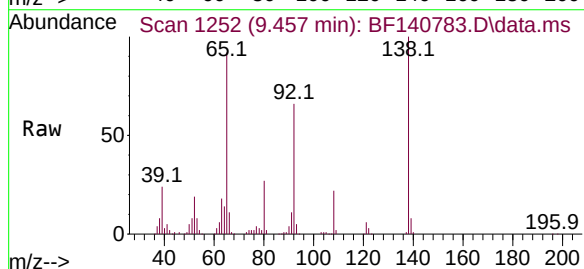
Tgt Ion: 65 Resp: 147770

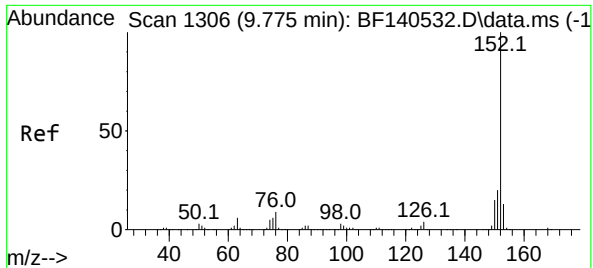
Ion Ratio Lower Upper

65 100

92 71.0 56.1 84.1

138 108.3 81.0 121.6





#49

Acenaphthylene

Concen: 42.350 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 68711

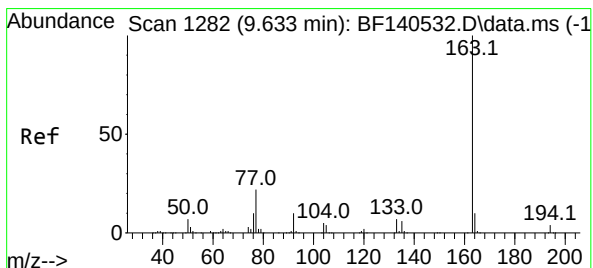
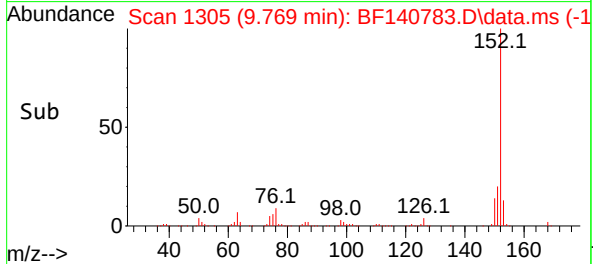
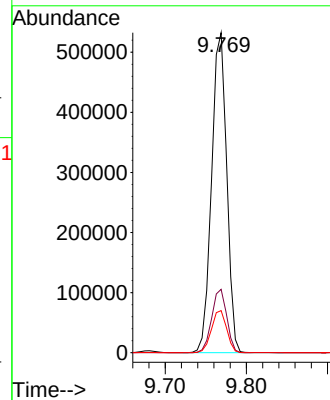
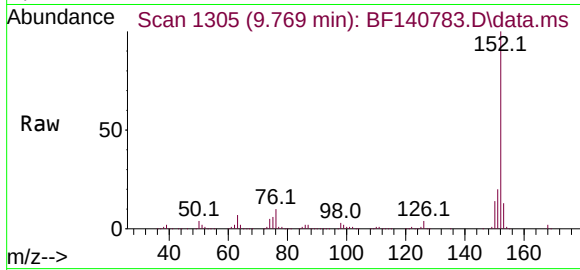
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.2	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#50

Dimethylphthalate

Concen: 41.436 ng

RT: 9.622 min Scan# 1280

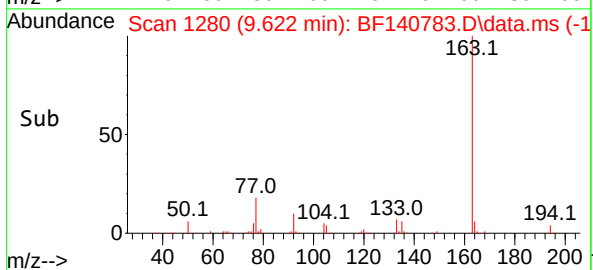
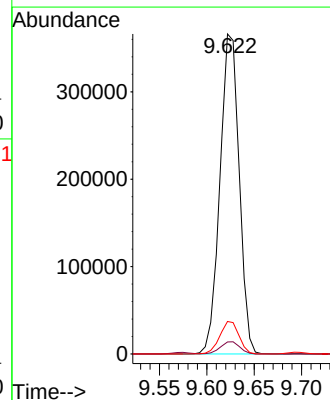
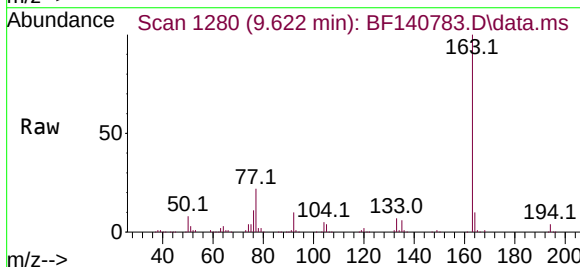
Delta R.T. -0.012 min

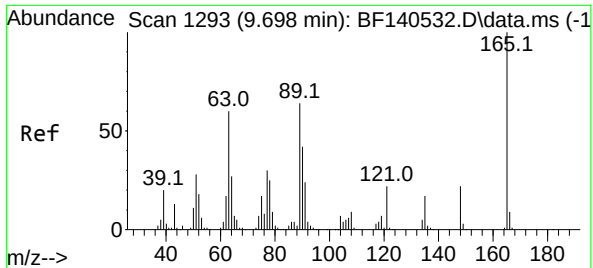
Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Tgt Ion:163 Resp: 517989

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.2	8.2	12.2





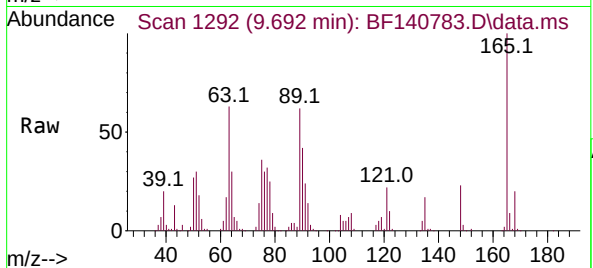
#51
2,6-Dinitrotoluene
Concen: 43.017 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

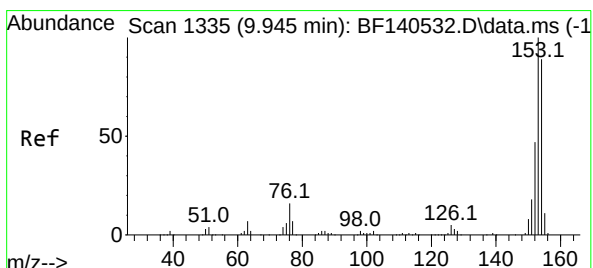
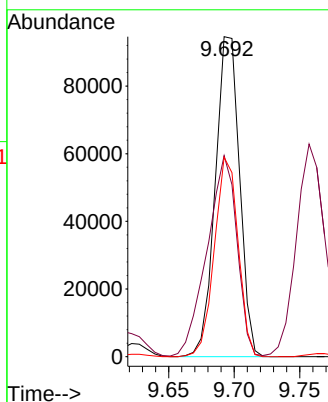
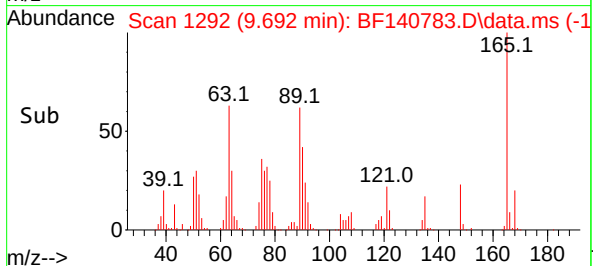


Tgt Ion:165 Resp: 12196
Ion Ratio Lower Upper
165 100
63 62.8 49.9 74.9
89 62.3 50.9 76.3

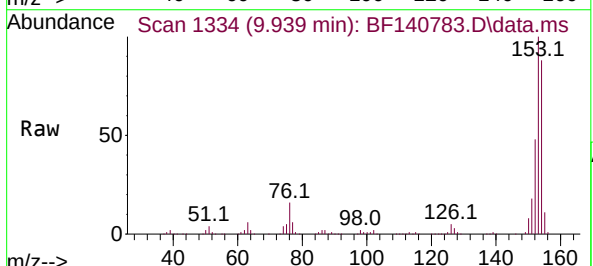
Manual Integrations

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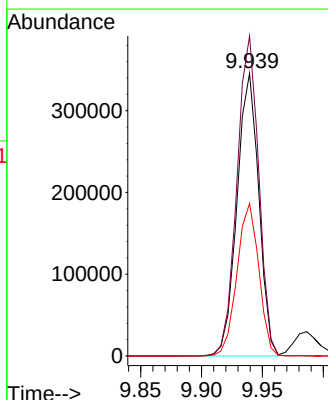
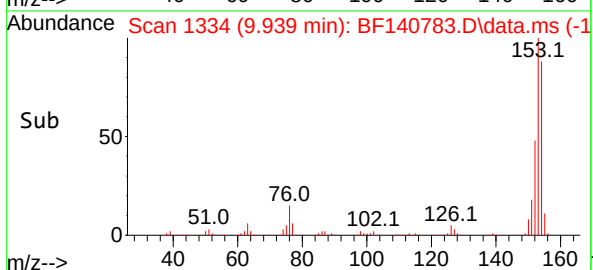
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

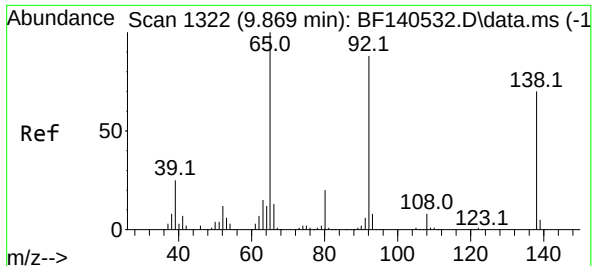


#52
Acenaphthene
Concen: 41.812 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:154 Resp: 431042
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 54.0 42.5 63.7





#53

3-Nitroaniline

Concen: 45.543 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 126289

Ion Ratio Lower Upper

138 100

108 10.8 9.2 13.8

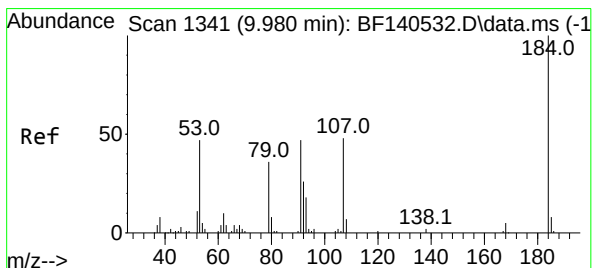
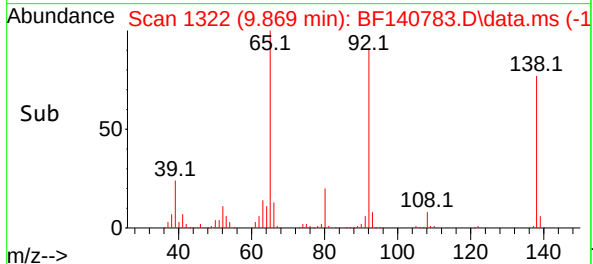
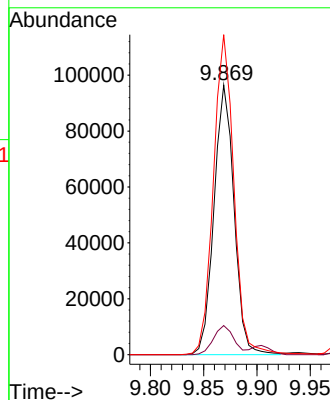
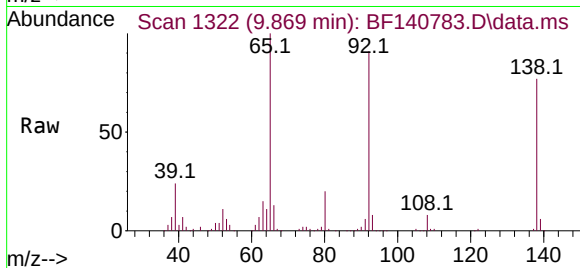
92 118.7 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#54

2,4-Dinitrophenol

Concen: 50.797 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

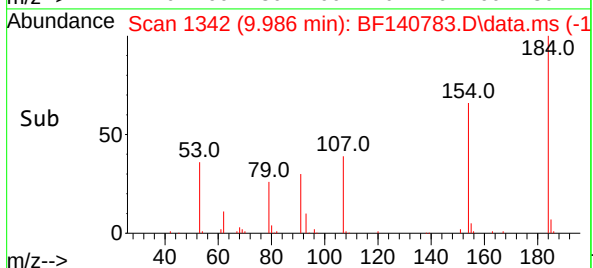
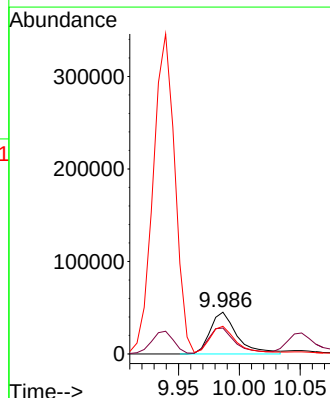
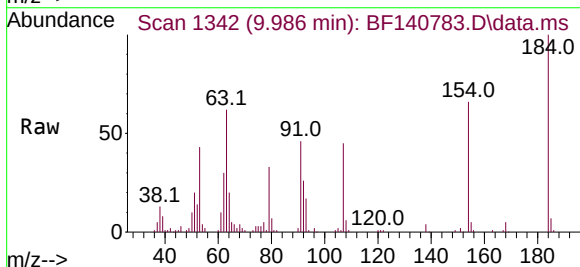
Tgt Ion:184 Resp: 69941

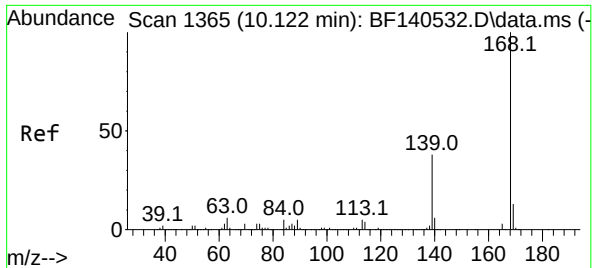
Ion Ratio Lower Upper

184 100

63 62.0 54.1 81.1

154 66.2 57.4 86.0





#55

Dibenzenofuran

Concen: 41.621 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140783.D

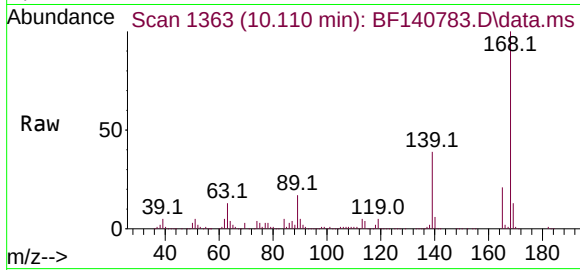
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:168 Resp: 65447

Ion Ratio Lower Upper

168 100

139 39.3 31.3 46.9

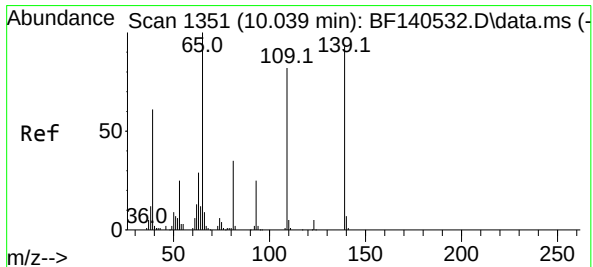
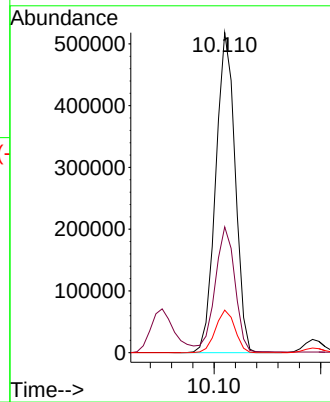
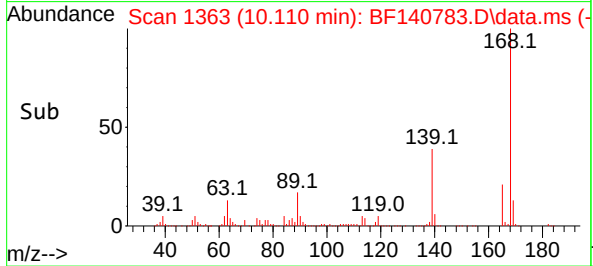
169 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#56

4-Nitrophenol

Concen: 58.509 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

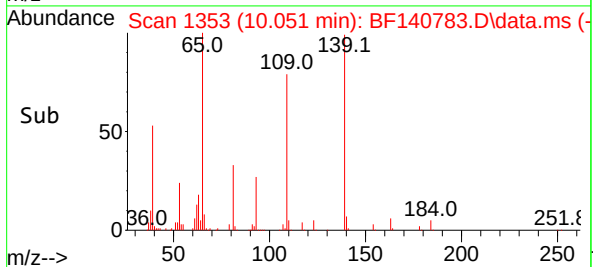
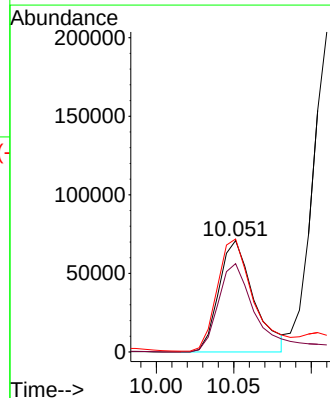
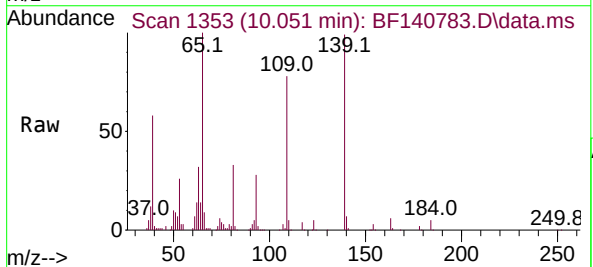
Tgt Ion:139 Resp: 110649

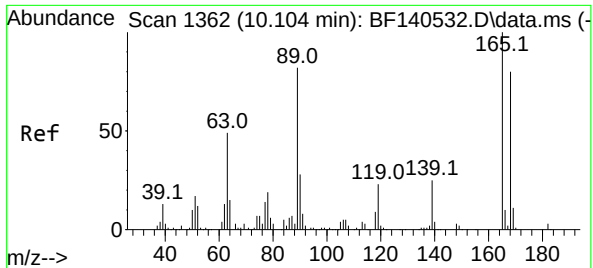
Ion Ratio Lower Upper

139 100

109 79.3 68.4 108.4

65 101.5 88.6 128.6





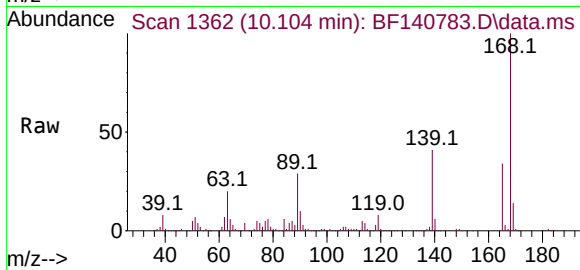
#57
2,4-Dinitrotoluene
Concen: 43.418 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

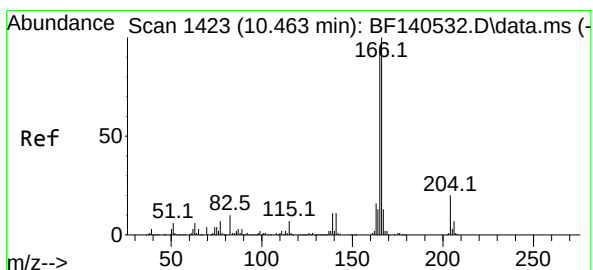
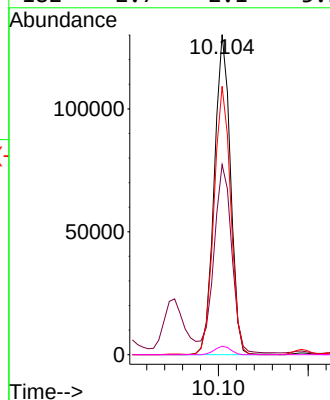
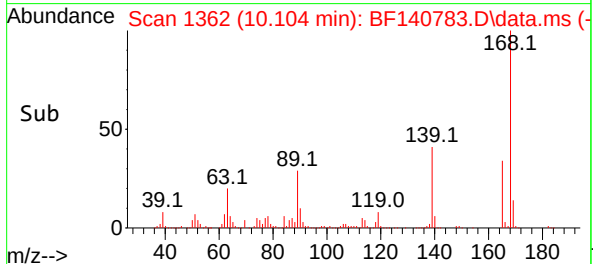


Tgt Ion:165 Resp: 16360
Ion Ratio Lower Upper
165 100
63 59.4 41.7 62.5
89 83.8 65.8 98.8
182 2.7 2.1 3.1

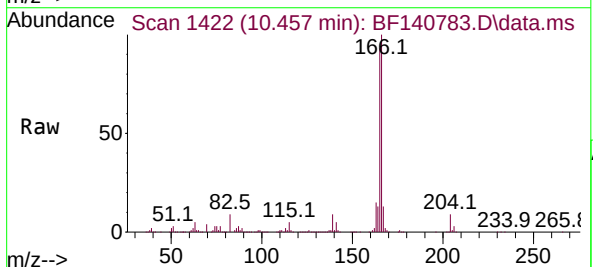
Manual Integrations

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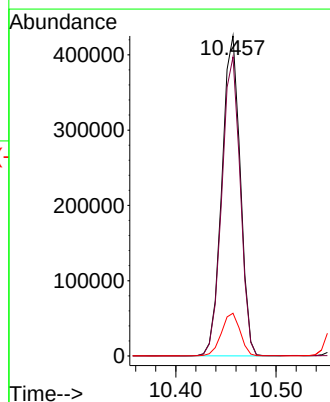
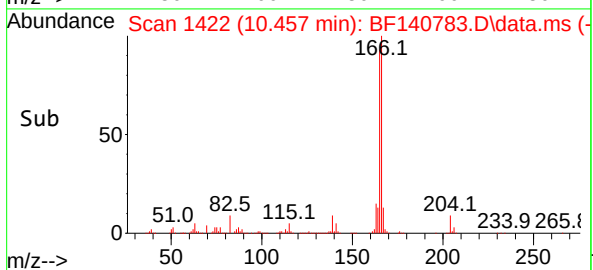
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

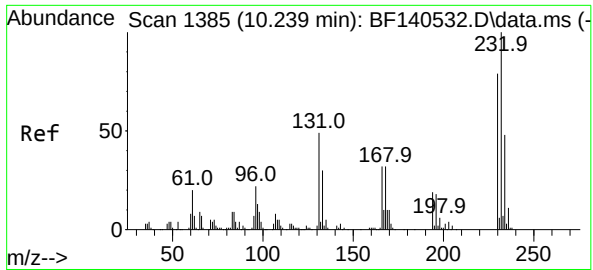


#58
Fluorene
Concen: 42.611 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



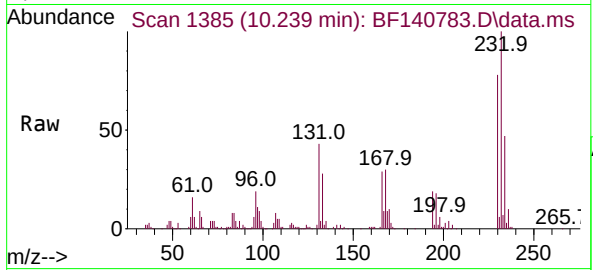
Tgt Ion:166 Resp: 537820
Ion Ratio Lower Upper
166 100
165 93.4 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.540 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

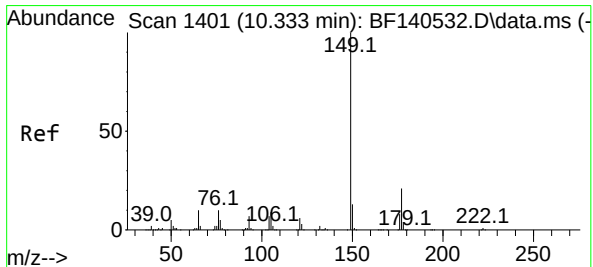
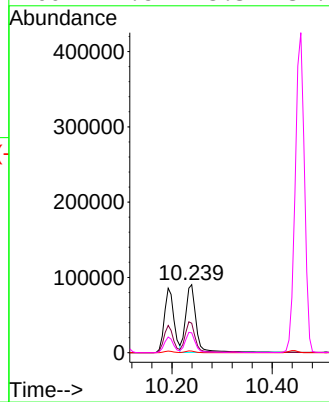
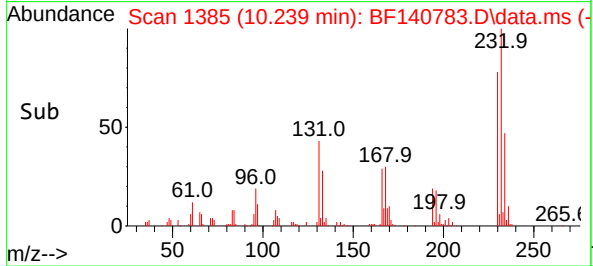
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 129530
Ion Ratio Lower Upper
232 100
131 43.8 39.6 59.4
130 2.3 1.9 2.9
166 27.8 25.3 37.9

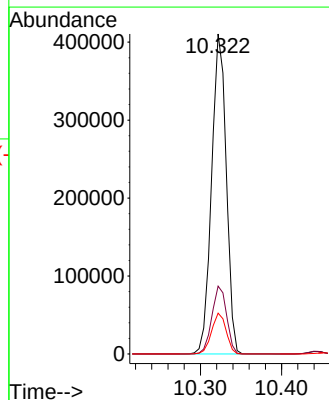
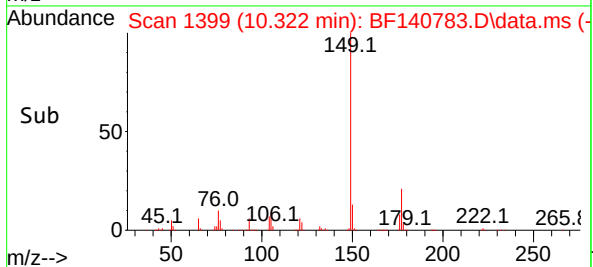
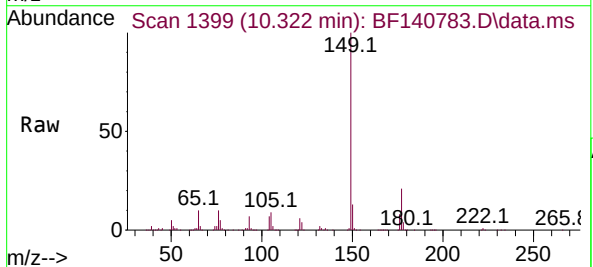
Manual Integrations
APPROVED

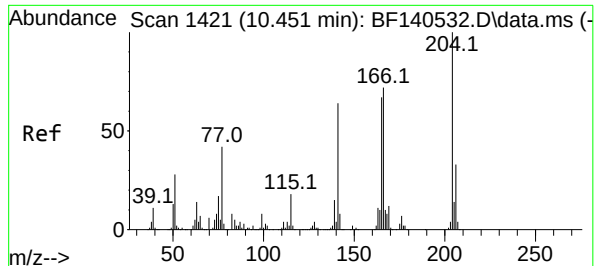
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 40.514 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

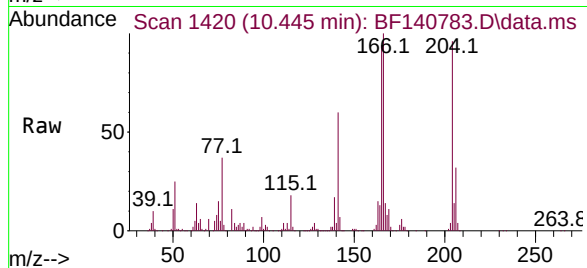
Tgt Ion:149 Resp: 514575
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.184 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

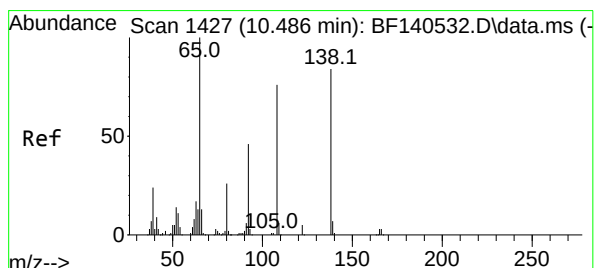
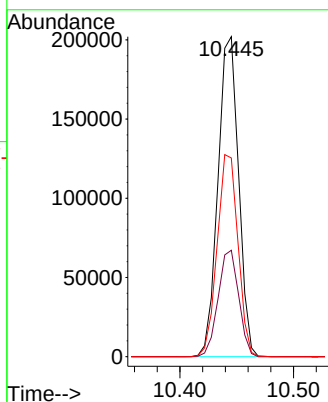
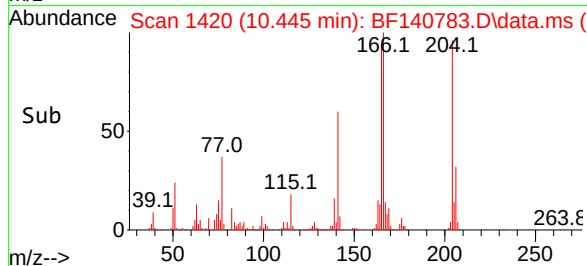
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 25510
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.1 51.1 76.7

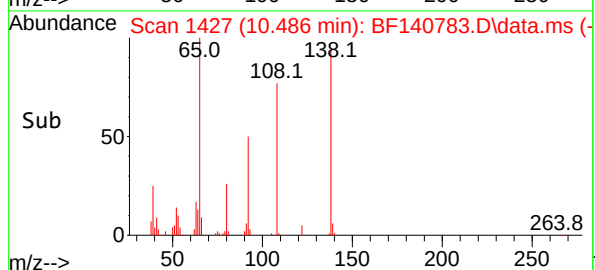
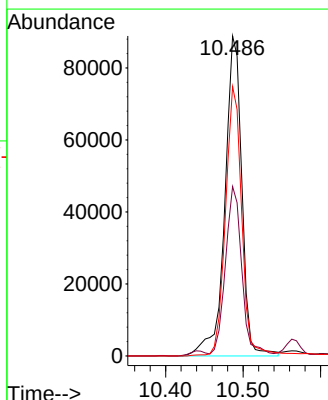
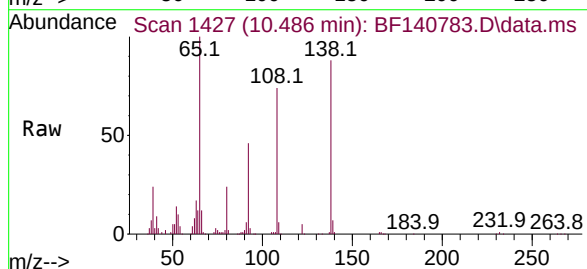
Manual Integrations
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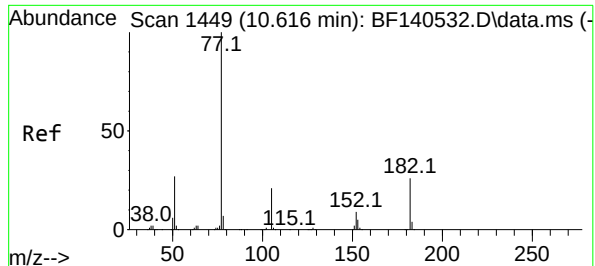
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 46.773 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

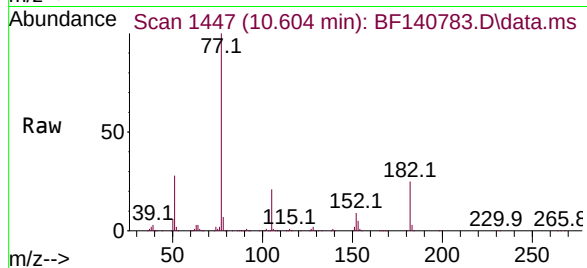
Tgt Ion:138 Resp: 136029
Ion Ratio Lower Upper
138 100
92 53.0 34.5 74.5
108 84.2 70.6 110.6





#63
Azobenzene
Concen: 40.898 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

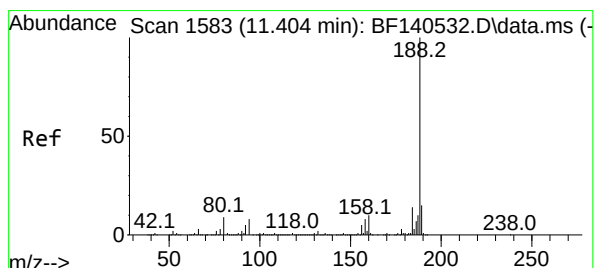
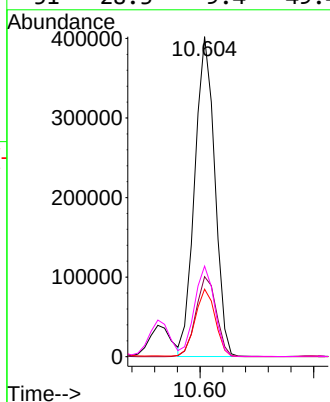
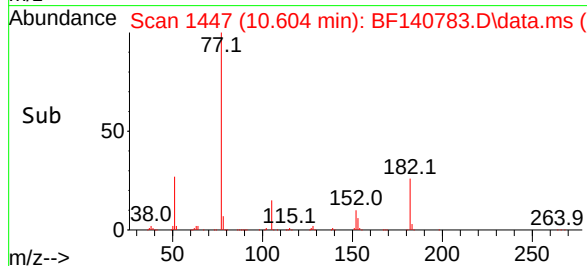
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 491918
Ion Ratio Lower Upper
77 100
182 25.0 5.3 45.3
105 21.1 0.3 40.3
51 28.3 9.4 49.4

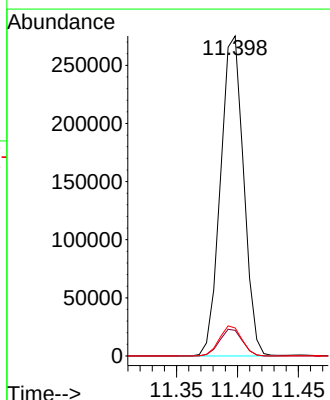
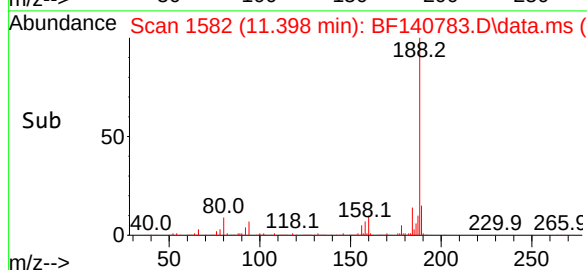
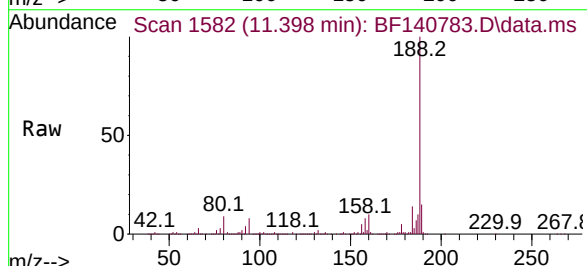
Manual Integrations
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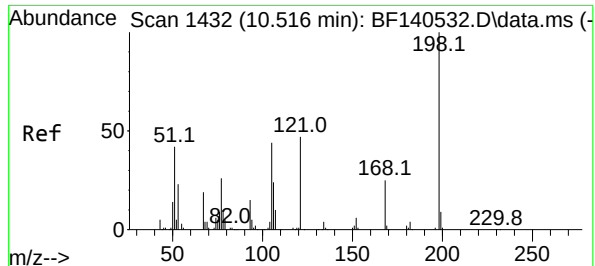
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:188 Resp: 363500
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.8 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.398 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

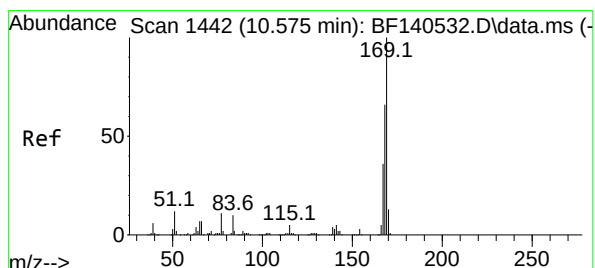
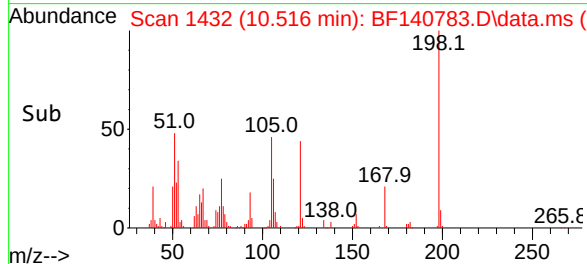
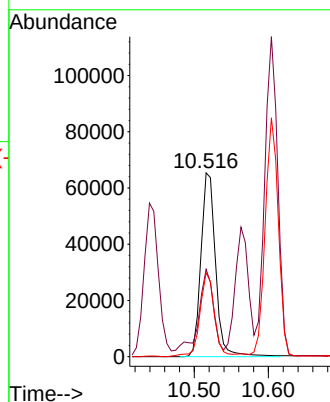
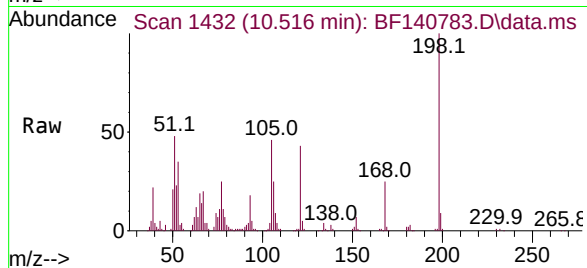
SSTDCCC040

Tgt Ion:198 Resp: 89900
Ion Ratio Lower Upper
198 100
51 47.5 29.4 69.4
105 45.6 25.4 65.4

Manual Integrations

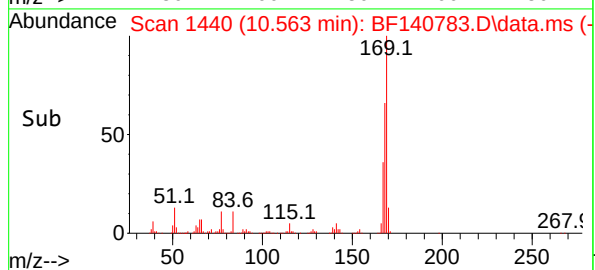
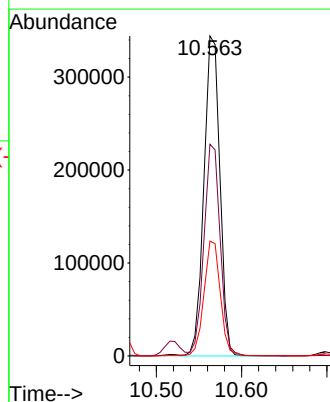
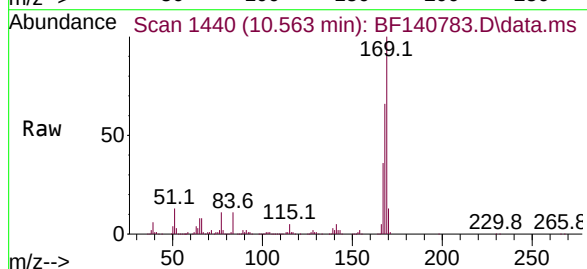
APPROVED

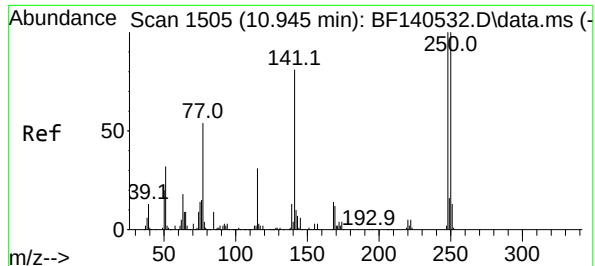
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 41.734 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

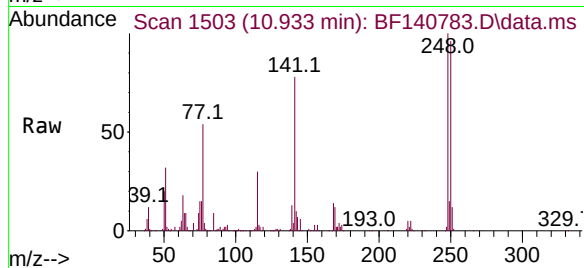
Tgt Ion:169 Resp: 448621
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 41.485 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

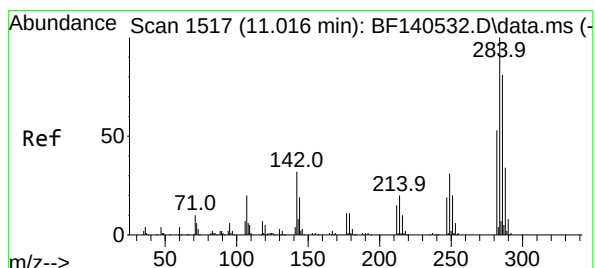
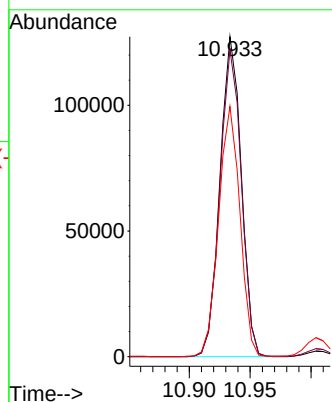
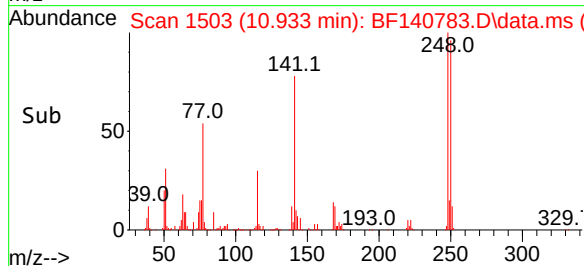
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 155300
Ion Ratio Lower Upper
248 100
250 95.9 79.8 119.8
141 78.2 64.7 97.1

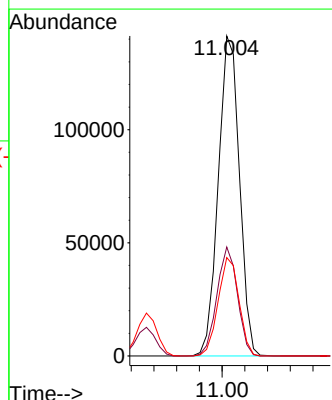
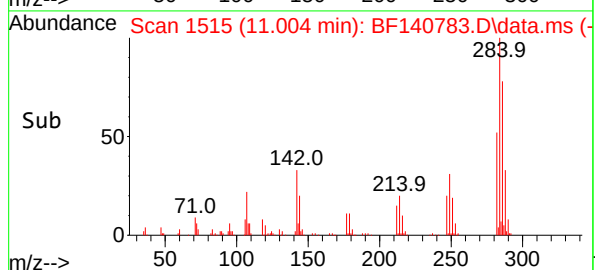
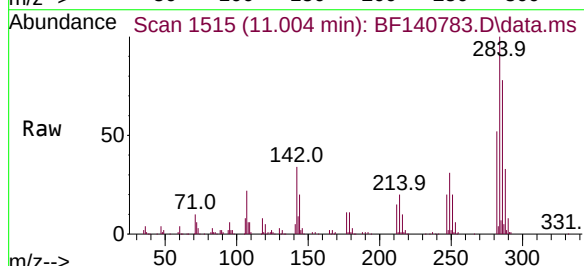
Manual Integrations
APPROVED

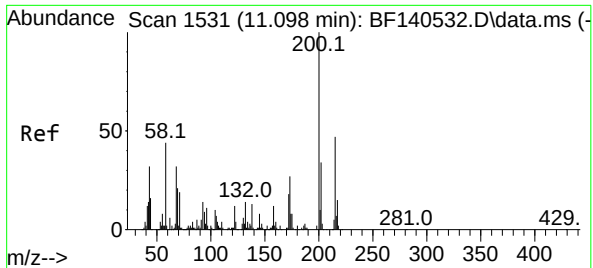
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 42.174 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

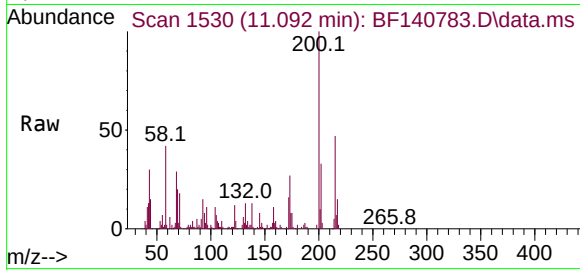
Tgt Ion:284 Resp: 182807
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 30.7 24.8 37.2





#69
Atrazine
Concen: 32.001 ng
RT: 11.092 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

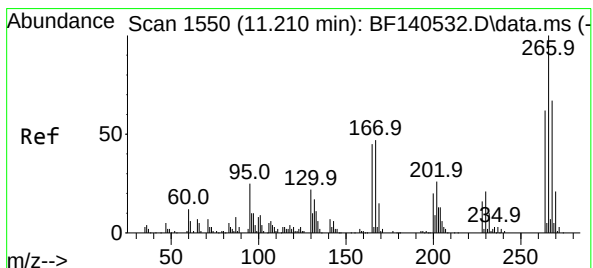
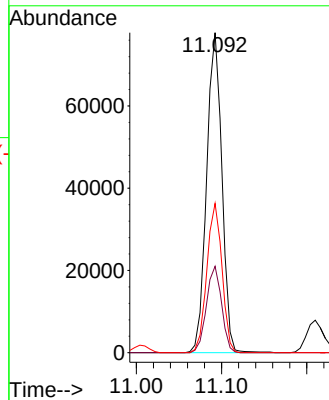
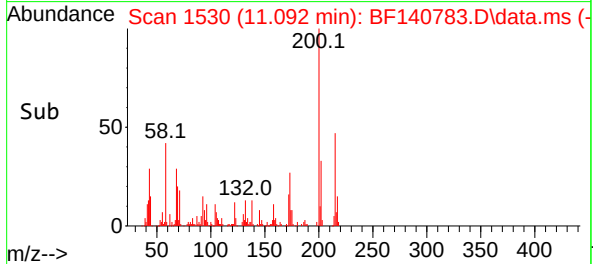
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 96773
Ion Ratio Lower Upper
200 100
173 27.0 7.0 47.0
215 46.7 26.7 66.7

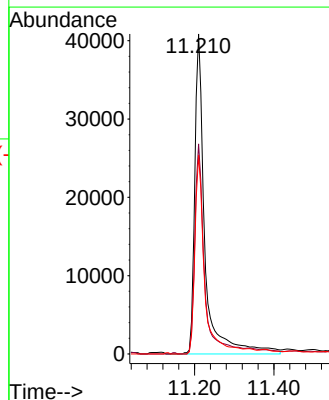
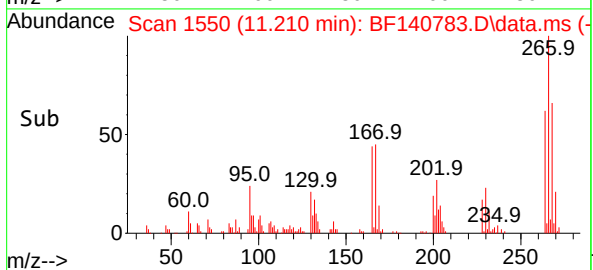
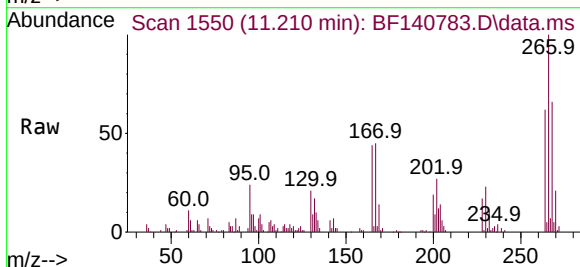
Manual Integrations
APPROVED

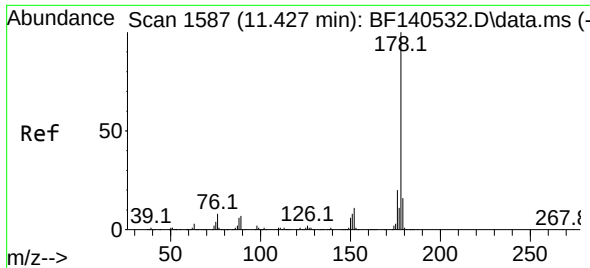
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#70
Pentachlorophenol
Concen: 38.484 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

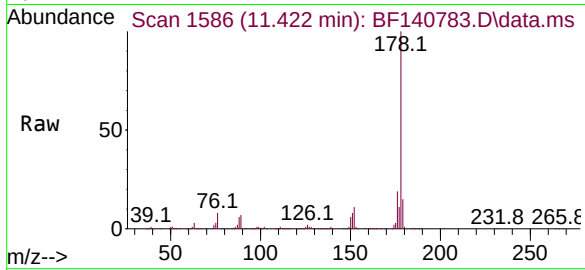
Tgt Ion:266 Resp: 73419
Ion Ratio Lower Upper
266 100
268 65.6 53.7 80.5
264 62.0 49.8 74.8





#71
Phenanthrene
Concen: 42.223 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

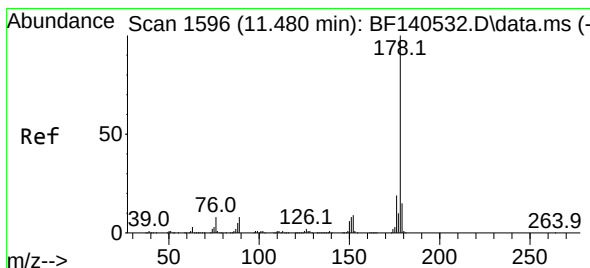
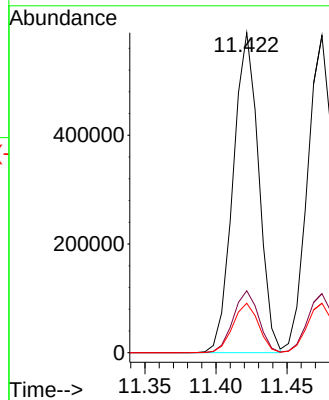
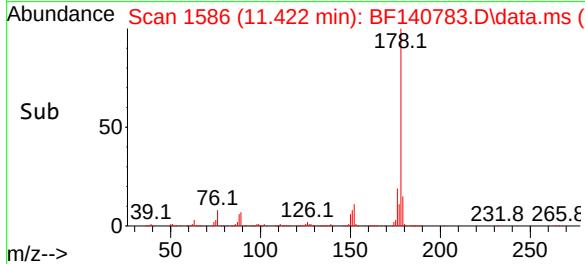
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



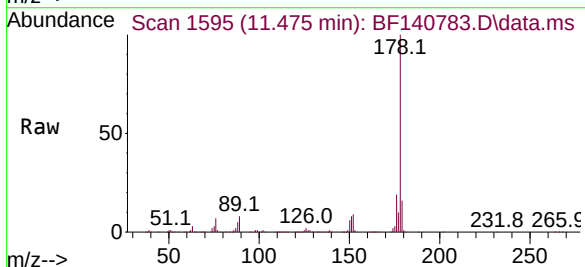
Tgt Ion:178 Resp: 737777
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.4 18.6

Manual Integrations
APPROVED

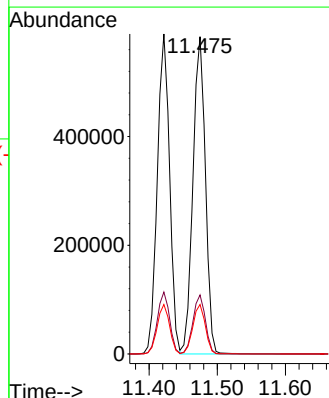
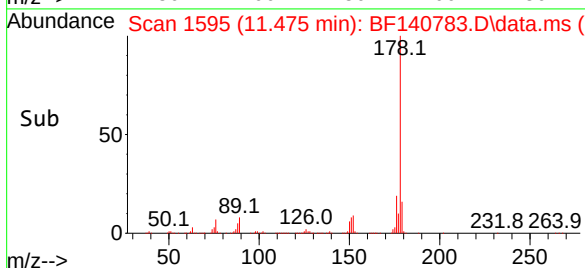
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

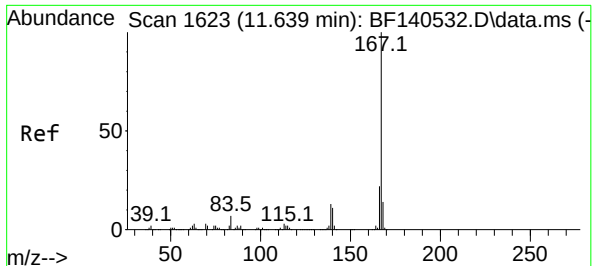


#72
Anthracene
Concen: 43.197 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



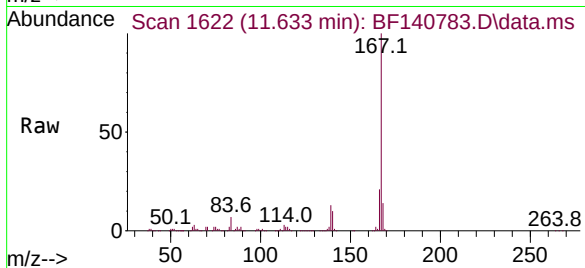
Tgt Ion:178 Resp: 738326
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 44.564 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

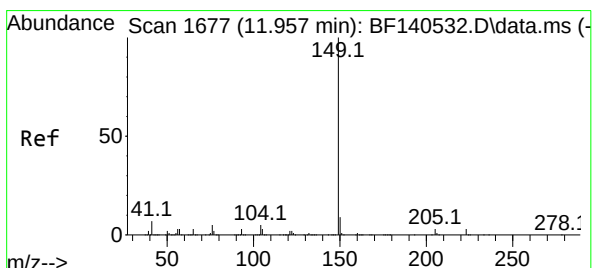
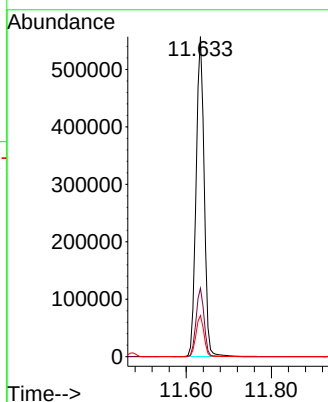
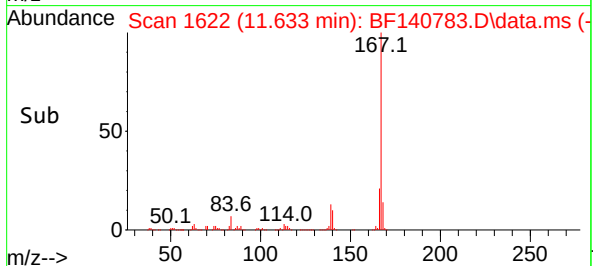
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



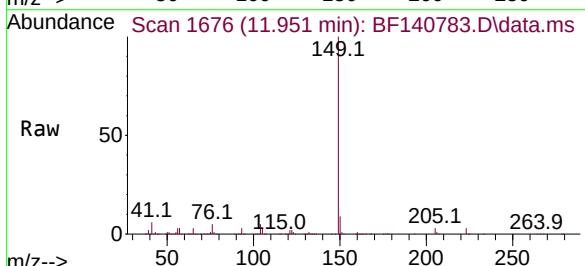
Tgt Ion:167 Resp: 73275
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.9 10.6 15.8

Manual Integrations
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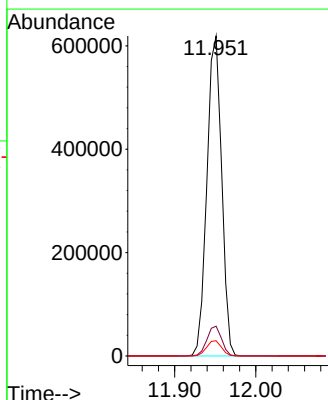
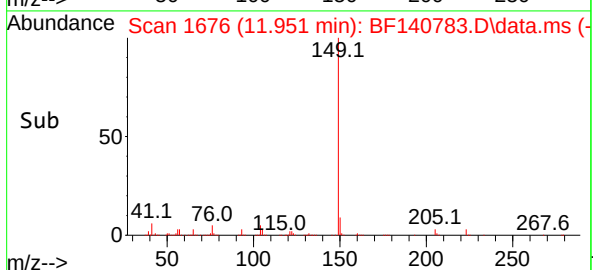
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

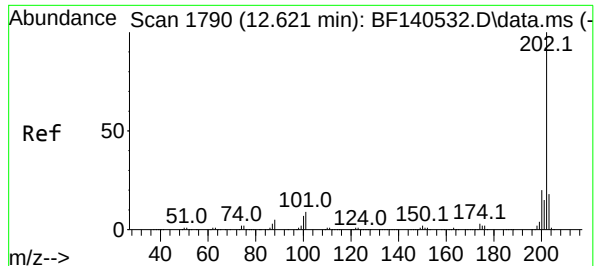


#74
 Di-n-butylphthalate
 Concen: 40.930 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21



Tgt Ion:149 Resp: 776970
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 44.447 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 84321

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.9

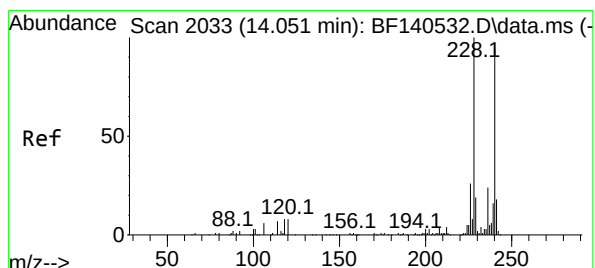
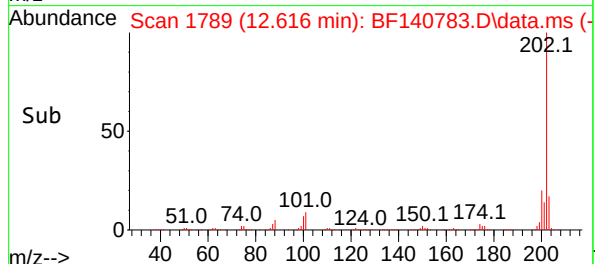
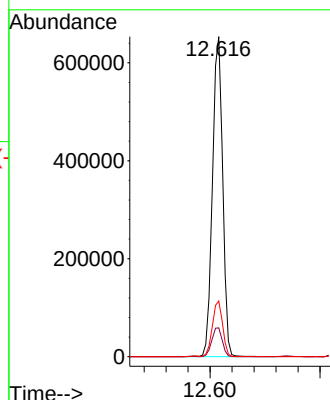
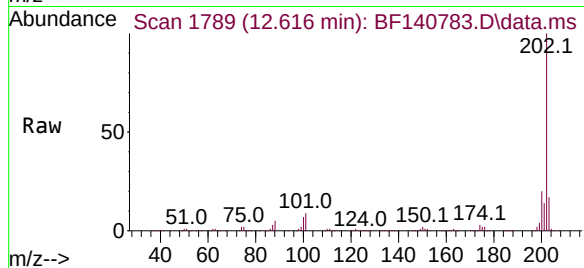
203 17.4 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

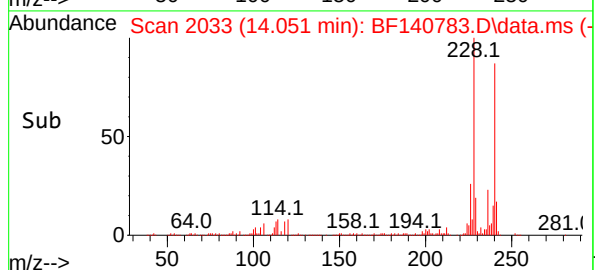
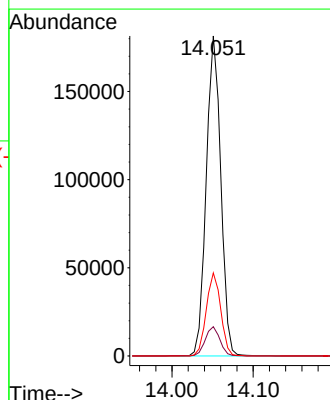
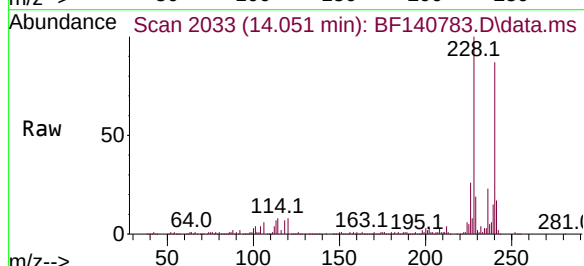
Tgt Ion:240 Resp: 224946

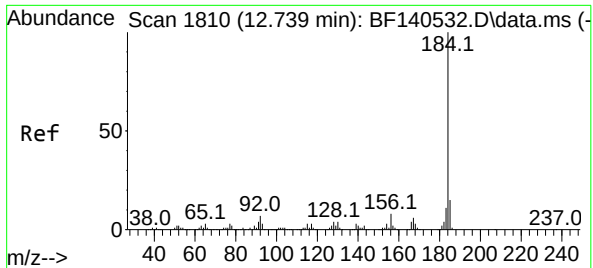
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

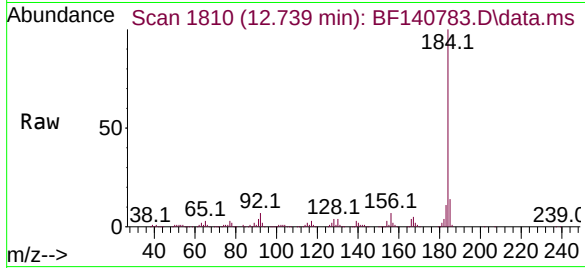
236 26.0 20.6 31.0





#77
Benzidine
Concen: 52.569 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

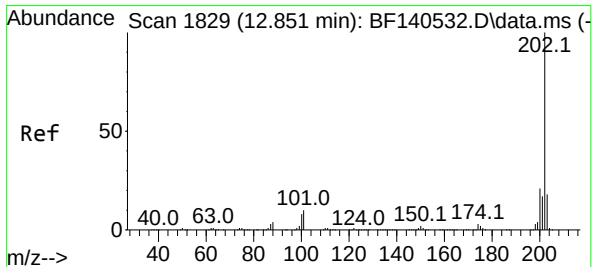
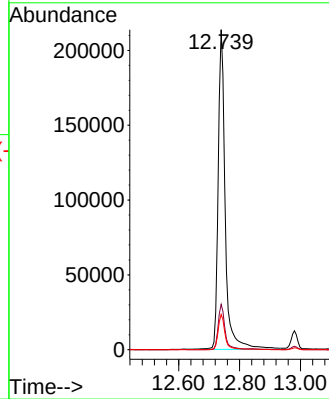
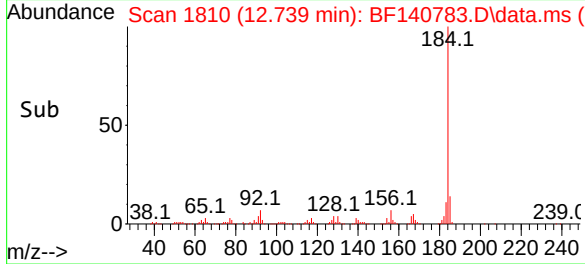
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



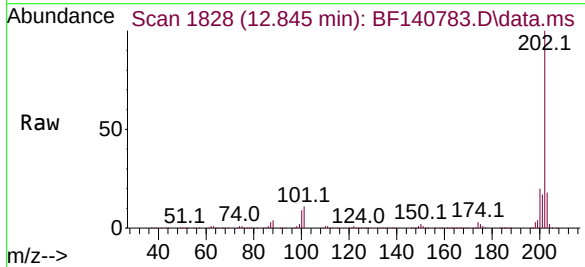
Tgt Ion:184 Resp: 34381
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.8 13.2

Manual Integrations
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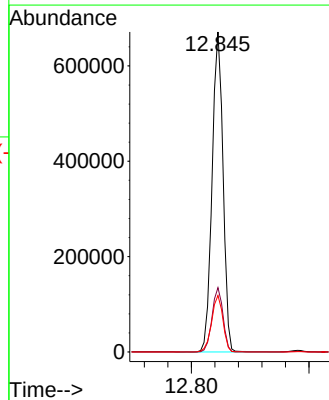
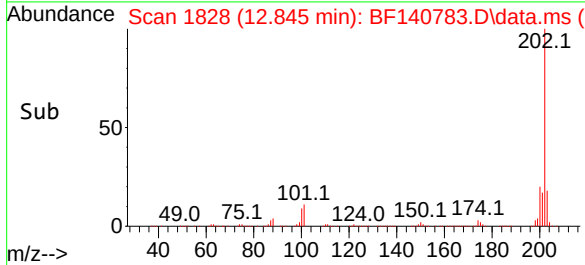
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

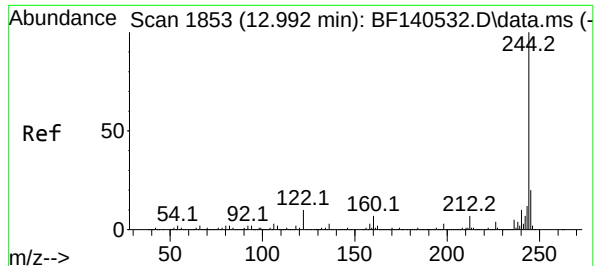


#78
Pyrene
Concen: 41.568 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:202 Resp: 864572
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 80.355 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 116082

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

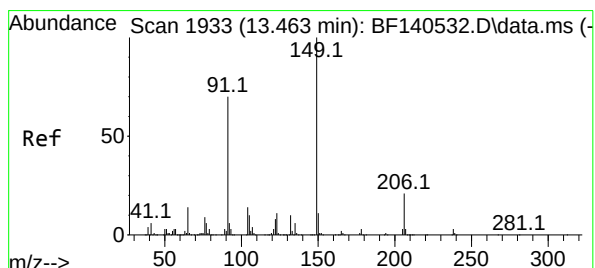
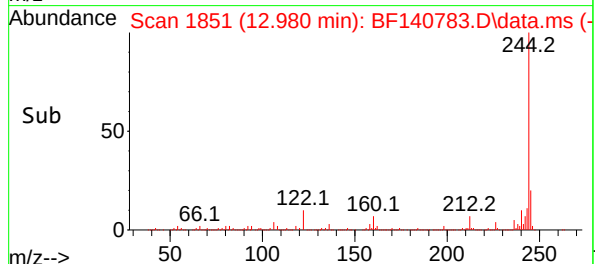
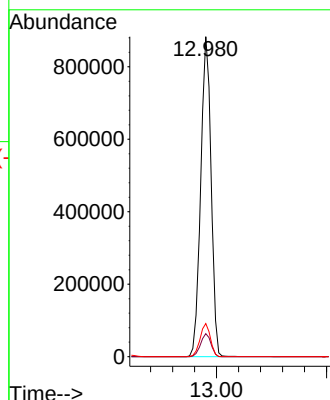
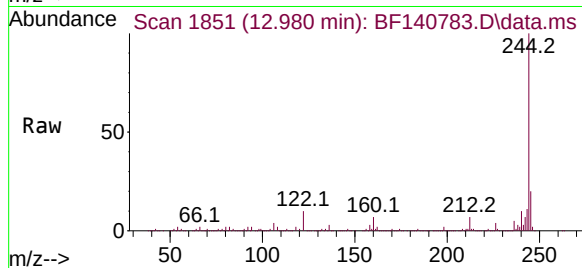
122 10.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 39.160 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

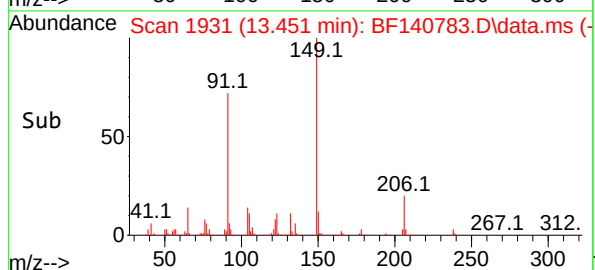
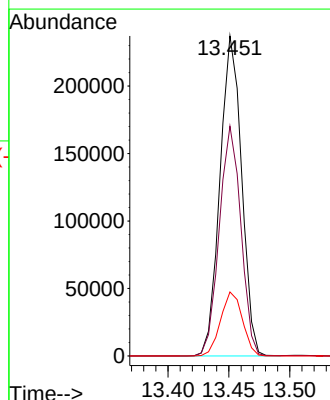
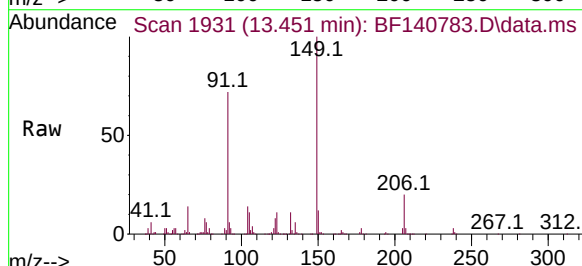
Tgt Ion:149 Resp: 293415

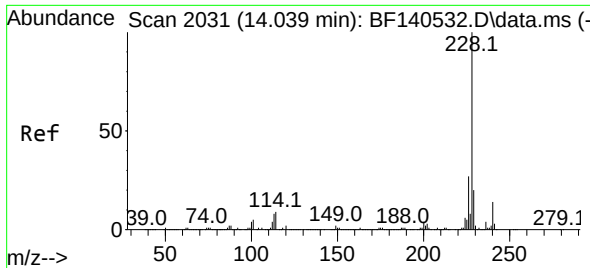
Ion Ratio Lower Upper

149 100

91 71.8 56.2 84.2

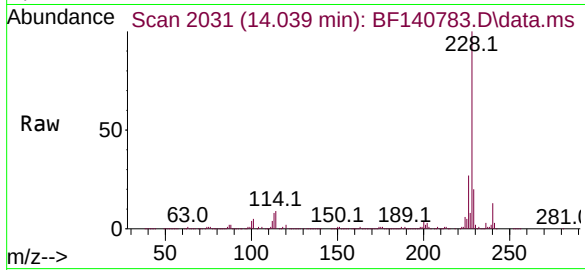
206 20.0 16.4 24.6





#81
Benzo(a)anthracene
Concen: 41.813 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

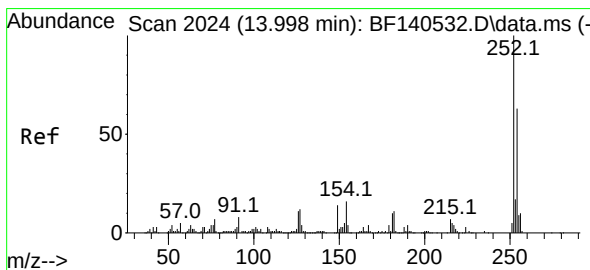
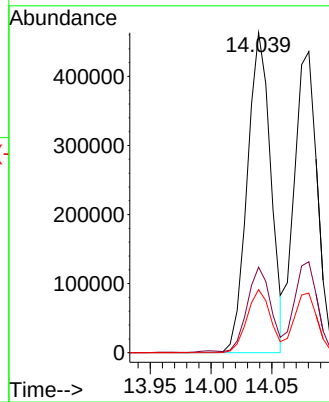
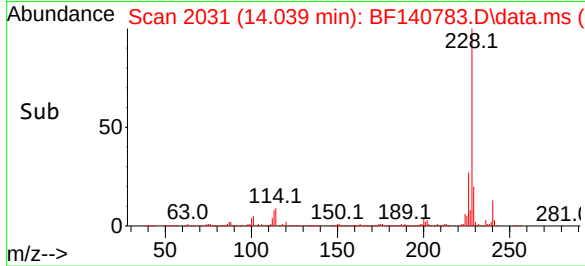
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



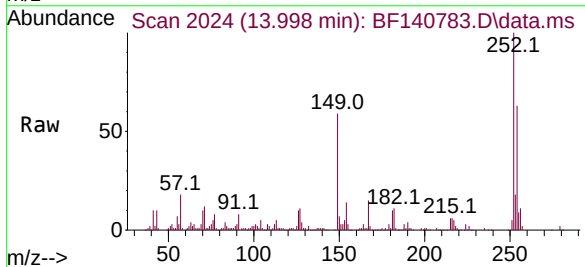
Tgt Ion:228 Resp: 62262
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
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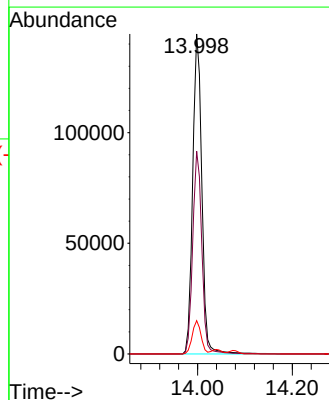
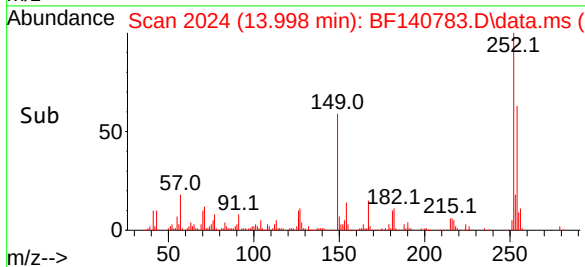
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

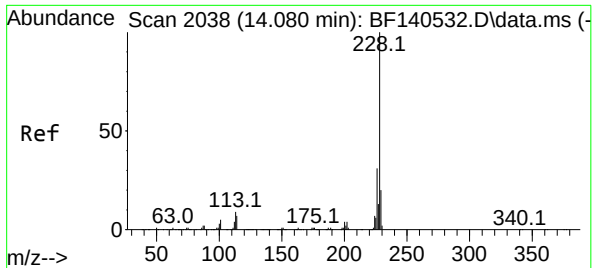


#82
3,3'-Dichlorobenzidine
Concen: 43.159 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:252 Resp: 192950
Ion Ratio Lower Upper
252 100
254 63.4 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 42.100 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 57322

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

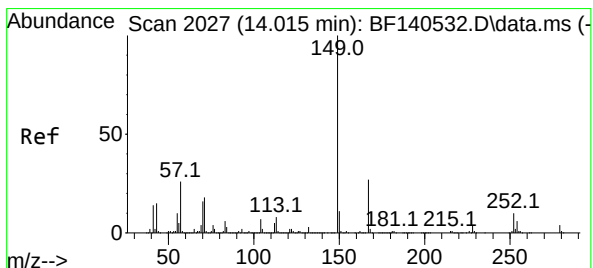
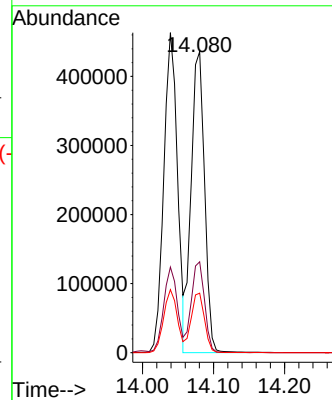
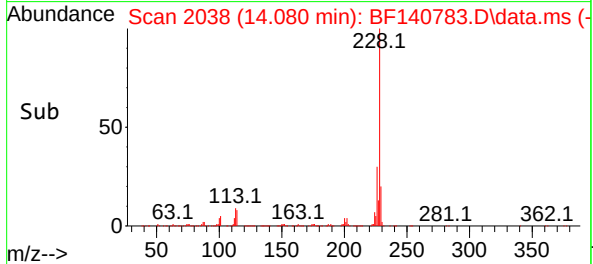
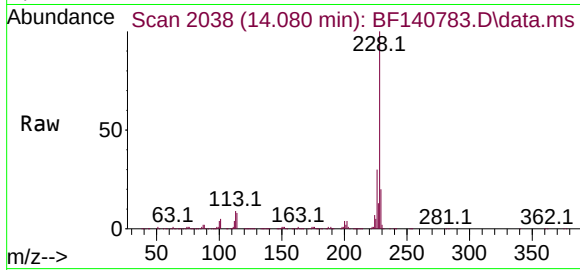
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.205 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

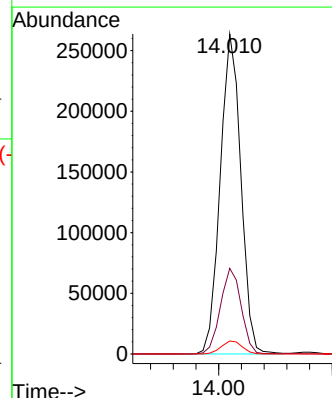
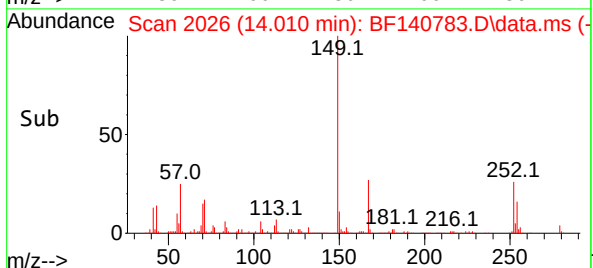
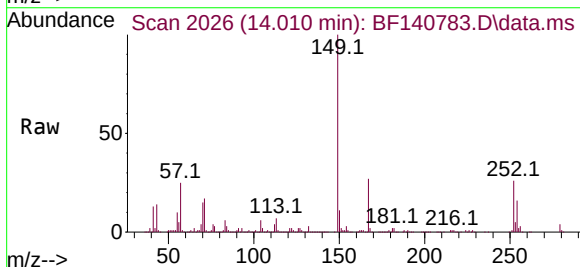
Tgt Ion:149 Resp: 333077

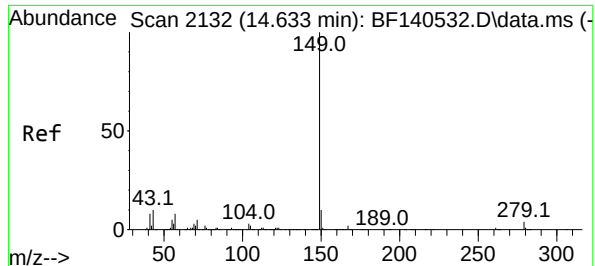
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.1 3.2 4.8





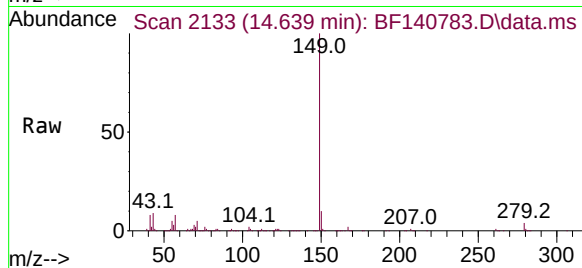
#85
Di-n-octyl phthalate
Concen: 33.370 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



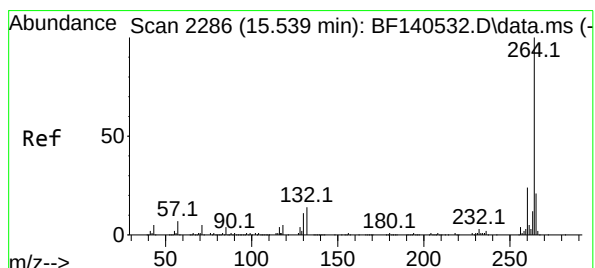
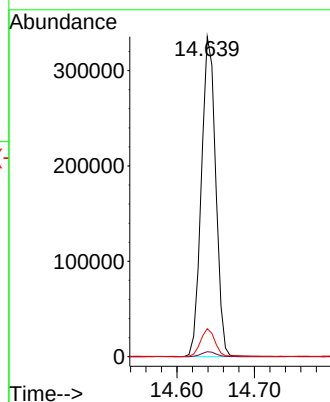
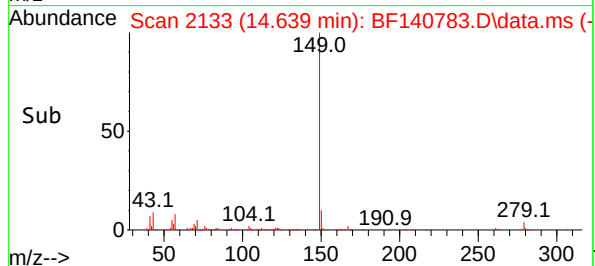
Tgt Ion:149 Resp: 431470
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.7 11.5

Manual Integrations

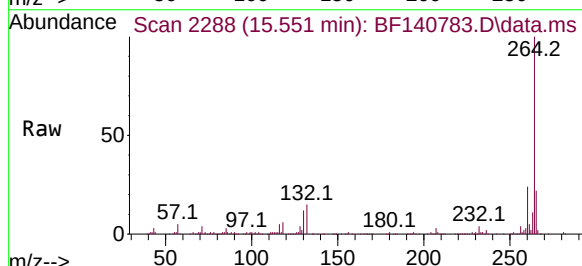
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

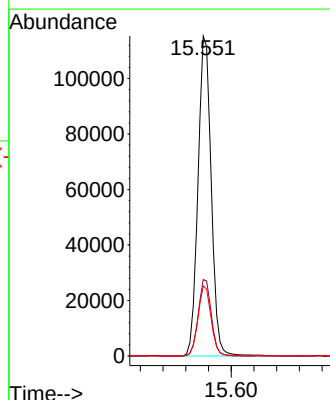
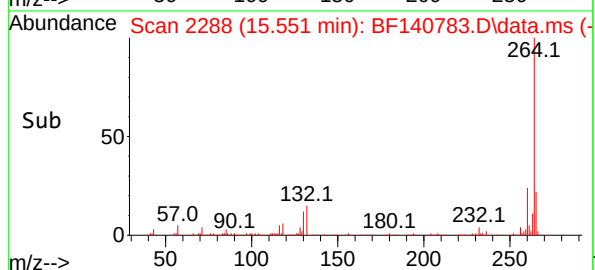
Supervised By :mohammad ahmed 12/12/2024

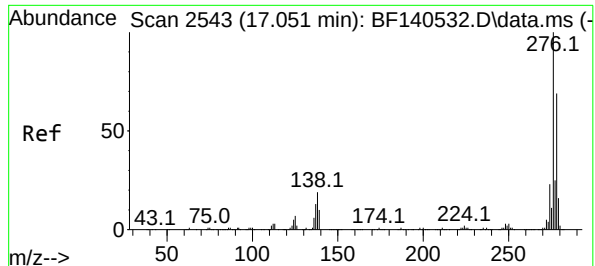


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:264 Resp: 187010
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.522 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 51822

Ion Ratio Lower Upper

276 100

138 20.7 15.5 23.3

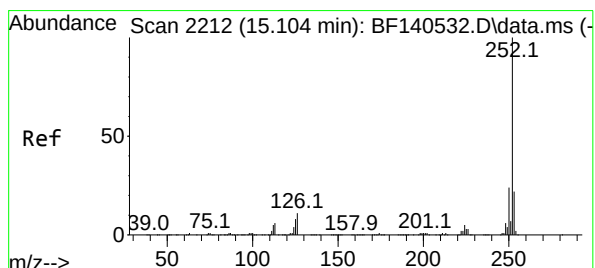
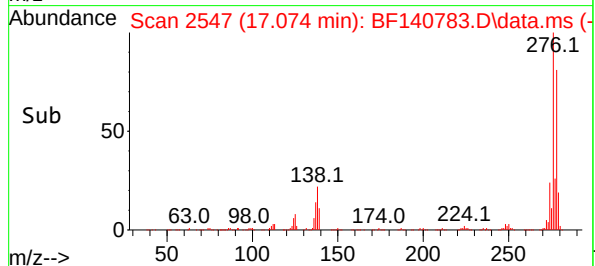
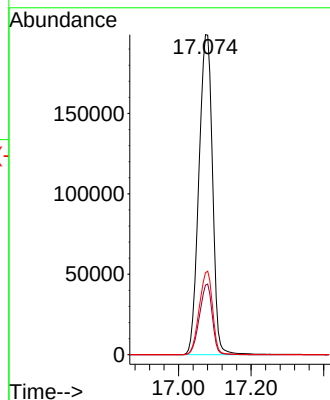
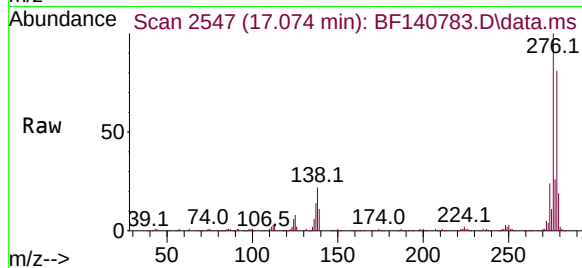
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#88

Benzo(b)fluoranthene

Concen: 45.600 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

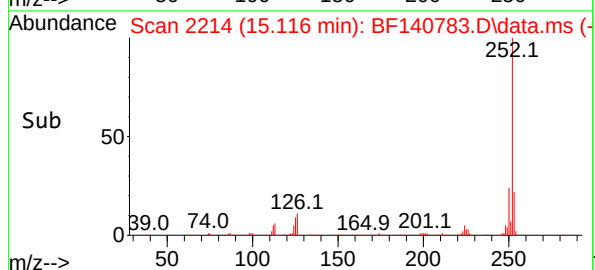
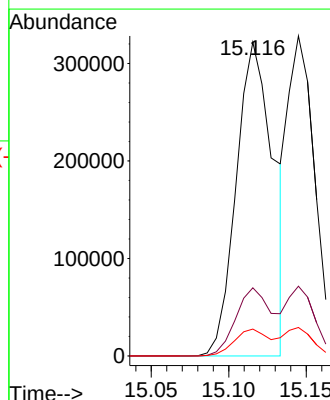
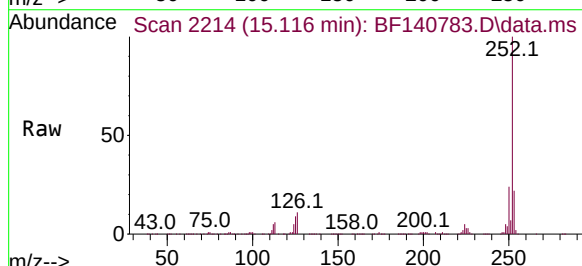
Tgt Ion:252 Resp: 535631

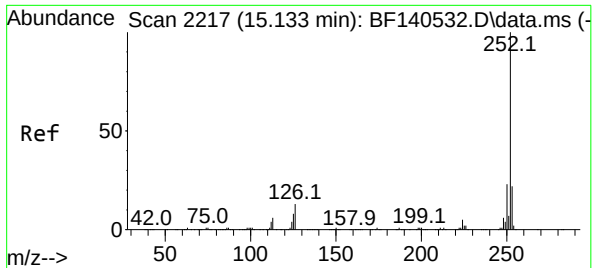
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 38.727 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 39808

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

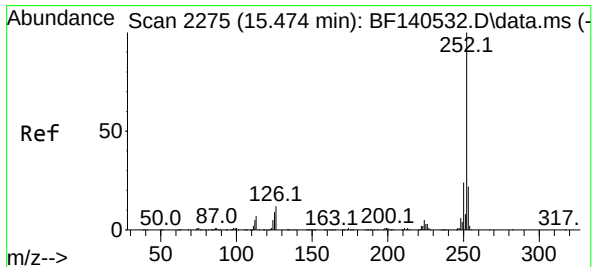
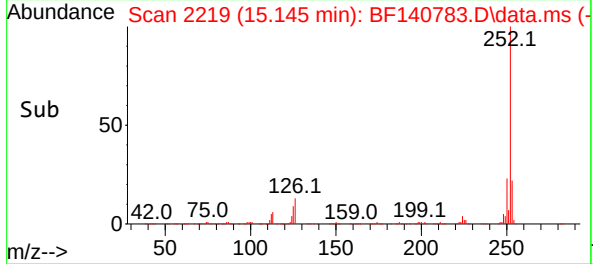
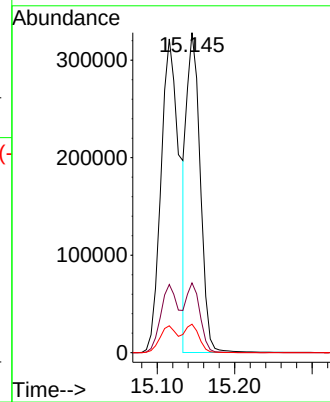
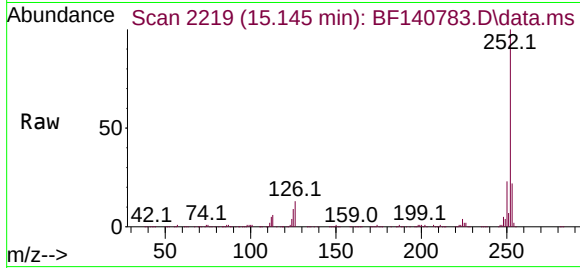
125 8.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 42.469 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

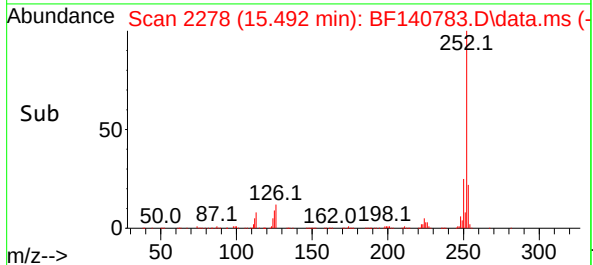
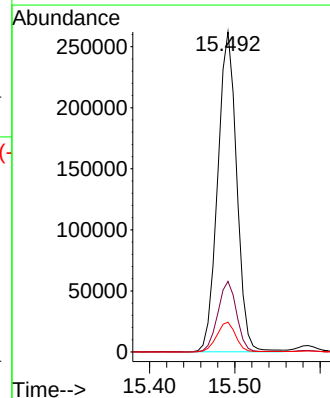
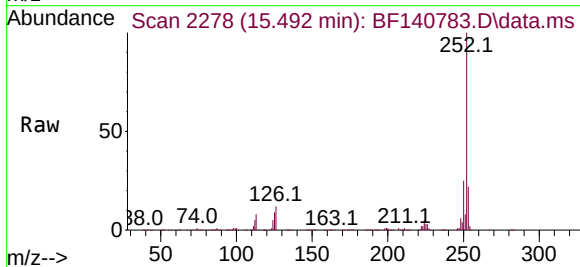
Tgt Ion:252 Resp: 405609

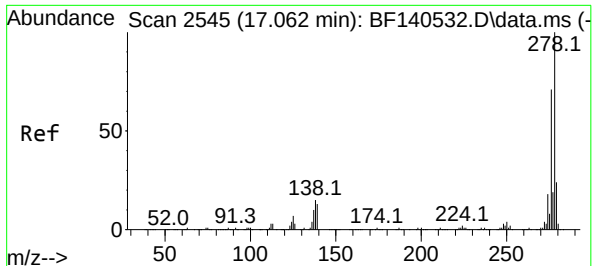
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.3 7.0 10.6





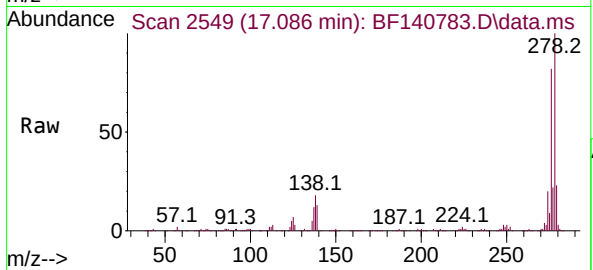
#91
Dibenzo(a,h)anthracene
Concen: 42.685 ng
RT: 17.086 min Scan# 2549
Delta R.T. 0.024 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

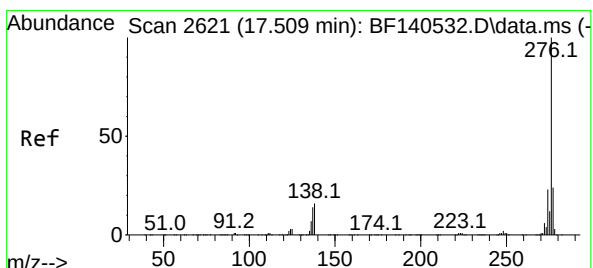
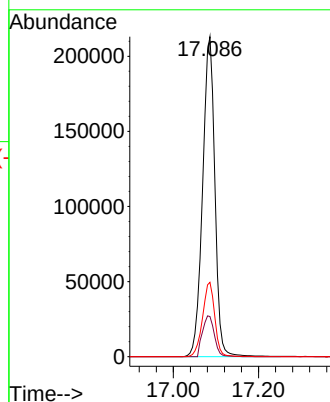
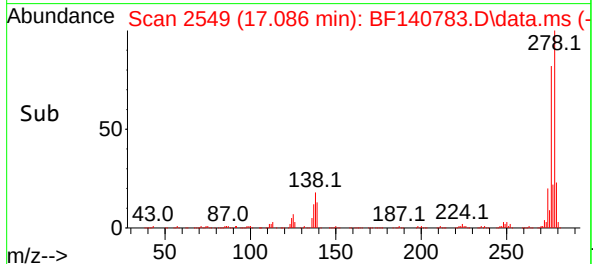


Tgt Ion:278 Resp: 426039
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.4
279 23.2 18.9 28.3

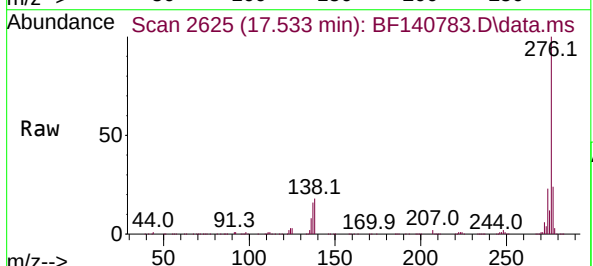
Manual Integrations

APPROVED

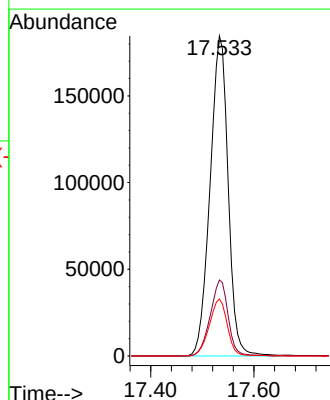
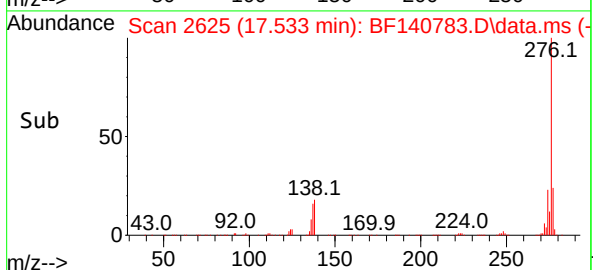
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#92
Benzo(g,h,i)perylene
Concen: 43.923 ng
RT: 17.533 min Scan# 2625
Delta R.T. 0.024 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:276 Resp: 447357
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 17.8 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	86	-0.01
2	1,4-Dioxane	0.493	0.543	-10.1	96	-0.04
3	Pyridine	1.084	1.222	-12.7	89	-0.04
4	n-Nitrosodimethylamine	0.637	0.663	-4.1	88	-0.03
5 S	2-Fluorophenol	1.172	1.252	-6.8	92	0.00
6	Aniline	1.091	1.285	-17.8	89	0.00
7 S	Phenol-d6	1.550	1.644	-6.1	89	0.00
8	2-Chlorophenol	1.261	1.362	-8.0	92	0.00
9	Benzaldehyde	0.820	0.777	5.2	91	0.00
10 C	Phenol	1.583	1.729	-9.2	90	0.00
11	bis(2-Chloroethyl)ether	1.211	1.284	-6.0	89	0.00
12	1,3-Dichlorobenzene	1.417	1.487	-4.9	92	-0.01
13 C	1,4-Dichlorobenzene	1.435	1.524	-6.2	92	-0.01
14	1,2-Dichlorobenzene	1.344	1.421	-5.7	91	-0.01
15	Benzyl Alcohol	1.149	1.182	-2.9	83	0.00
16	2,2'-oxybis(1-Chloropropane	1.431	1.462	-2.2	86	0.00
17	2-Methylphenol	1.009	1.067	-5.7	88	0.00
18	Hexachloroethane	0.536	0.553	-3.2	89	-0.01
19 P	n-Nitroso-di-n-propylamine	0.916	0.933	-1.9	85	0.00
20	3+4-Methylphenols	1.298	1.393	-7.3	89	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	84	-0.01
22	Acetophenone	0.488	0.510	-4.5	89	-0.01
23 S	Nitrobenzene-d5	0.391	0.405	-3.6	86	0.00
24	Nitrobenzene	0.404	0.419	-3.7	87	0.00
25	Isophorone	0.652	0.669	-2.6	85	-0.01
26 C	2-Nitrophenol	0.179	0.193	-7.8	90	0.00
27	2,4-Dimethylphenol	0.214	0.242	-13.1	90	0.00
28	bis(2-Chloroethoxy)methane	0.397	0.410	-3.3	86	-0.01
29 C	2,4-Dichlorophenol	0.284	0.306	-7.7	91	0.00
30	1,2,4-Trichlorobenzene	0.324	0.342	-5.6	90	-0.01
31	Naphthalene	1.030	1.084	-5.2	90	-0.01
32	Benzoic acid	0.164	0.199	-21.3	94	0.02
33	4-Chloroaniline	0.308	0.350	-13.6	90	0.00
34 C	Hexachlorobutadiene	0.215	0.221	-2.8	87	-0.01
35	Caprolactam	0.088	0.096	-9.1	89	0.00
36 C	4-Chloro-3-methylphenol	0.318	0.339	-6.6	87	0.00
37	2-Methylnaphthalene	0.654	0.686	-4.9	89	-0.01
38	1-Methylnaphthalene	0.641	0.676	-5.5	89	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	81	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.586	0.615	-4.9	88	0.00
41 P	Hexachlorocyclopentadiene	0.107	0.093	13.1	66	0.00
42 S	2,4,6-Tribromophenol	0.214	0.229	-7.0	86	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.387	-5.4	86	0.00
44	2,4,5-Trichlorophenol	0.399	0.423	-6.0	85	0.00
45 S	2-Fluorobiphenyl	1.342	1.398	-4.2	88	-0.01
46	1,1'-Biphenyl	1.493	1.561	-4.6	87	-0.01
47	2-Chloronaphthalene	1.131	1.196	-5.7	88	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	0.363	0.389	-7.2	86	0.00
49	Acenaphthylene	1.710	1.810	-5.8	88	0.00
50	Dimethylphthalate	1.317	1.364	-3.6	85	-0.01
51	2,6-Dinitrotoluene	0.299	0.321	-7.4	87	0.00
52 C	Acenaphthene	1.086	1.135	-4.5	87	0.00
53	3-Nitroaniline	0.292	0.333	-14.0	90	0.00
54 P	2,4-Dinitrophenol	0.122	0.184	-50.8#	107	0.00
55	Dibenzofuran	1.657	1.724	-4.0	86	-0.01
56 P	4-Nitrophenol	0.199	0.291	-46.2#	114	0.01
57	2,4-Dinitrotoluene	0.397	0.431	-8.6	86	0.00
58	Fluorene	1.330	1.417	-6.5	89	0.00
59	2,3,4,6-Tetrachlorophenol	0.306	0.341	-11.4	88	0.00
60	Diethylphthalate	1.338	1.355	-1.3	84	-0.01
61	4-Chlorophenyl-phenylether	0.653	0.672	-2.9	85	0.00
62	4-Nitroaniline	0.306	0.358	-17.0	93	0.00
63	Azobenzene	1.267	1.296	-2.3	85	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	83	0.00
65	4,6-Dinitro-2-methylphenol	0.102	0.124	-21.6	94	0.00
66 c	n-Nitrosodiphenylamine	0.591	0.617	-4.4	89	-0.01
67	4-Bromophenyl-phenylether	0.206	0.214	-3.9	89	-0.01
68	Hexachlorobenzene	0.238	0.251	-5.5	90	-0.01
69	Atrazine	0.166	0.133	19.9	79	0.00
70 C	Pentachlorophenol	0.105	0.101	3.8	72	0.00
71	Phenanthrene	0.961	1.015	-5.6	89	0.00
72	Anthracene	0.940	1.016	-8.1	91	0.00
73	Carbazole	0.905	1.008	-11.4	94	0.00
74	Di-n-butylphthalate	1.044	1.069	-2.4	87	0.00
75 C	Fluoranthene	1.044	1.160	-11.1	95	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	94	0.00
77	Benzidine	0.581	0.764	-31.5#	125	0.00
78	Pyrene	1.849	1.922	-3.9	97	0.00
79 S	Terphenyl-d14	1.284	1.290	-0.5	95	-0.01
80	Butylbenzylphthalate	0.666	0.652	2.1	90	-0.01
81	Benzo(a)anthracene	1.324	1.384	-4.5	101	0.00
82	3,3'-Dichlorobenzidine	0.397	0.429	-8.1	98	0.00
83	Chrysene	1.211	1.274	-5.2	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.841	0.740	12.0	84	0.00
85 c	Di-n-octyl phthalate	1.150	0.959	16.6	80	0.00
86 I	Perylene-d12	1.000	1.000	0.0	88	0.01
87	Indeno(1,2,3-cd)pyrene	1.303	1.386	-6.4	94	0.02
88	Benzo(b)fluoranthene	1.256	1.432	-14.0	107	0.01
89	Benzo(k)fluoranthene	1.099	1.064	3.2	85	0.01
90 C	Benzo(a)pyrene	1.021	1.084	-6.2	95	0.02
91	Dibenzo(a,h)anthracene	1.067	1.139	-6.7	94	0.02
92	Benzo(g,h,i)perylene	1.089	1.196	-9.8	97	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140783.D
Acq On : 09 Dec 2024 12:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 09 14:00:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	86	-0.01
2	1,4-Dioxane	40.000	44.081	-10.2	96	-0.04
3	Pyridine	40.000	45.072	-12.7	89	-0.04
4	n-Nitrosodimethylamine	40.000	41.590	-4.0	88	-0.03
5 S	2-Fluorophenol	80.000	85.474	-6.8	92	0.00
6	Aniline	40.000	47.122	-17.8	89	0.00
7 S	Phenol-d6	80.000	84.881	-6.1	89	0.00
8	2-Chlorophenol	40.000	43.213	-8.0	92	0.00
9	Benzaldehyde	40.000	37.894	5.3	91	0.00
10 C	Phenol	40.000	43.692	-9.2	90	0.00
11	bis(2-Chloroethyl)ether	40.000	42.398	-6.0	89	0.00
12	1,3-Dichlorobenzene	40.000	41.976	-4.9	92	-0.01
13 C	1,4-Dichlorobenzene	40.000	42.484	-6.2	92	-0.01
14	1,2-Dichlorobenzene	40.000	42.270	-5.7	91	-0.01
15	Benzyl Alcohol	40.000	41.129	-2.8	83	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.876	-2.2	86	0.00
17	2-Methylphenol	40.000	42.276	-5.7	88	0.00
18	Hexachloroethane	40.000	41.293	-3.2	89	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	40.758	-1.9	85	0.00
20	3+4-Methylphenols	40.000	42.944	-7.4	89	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	84	-0.01
22	Acetophenone	40.000	41.813	-4.5	89	-0.01
23 S	Nitrobenzene-d5	80.000	82.782	-3.5	86	0.00
24	Nitrobenzene	40.000	41.497	-3.7	87	0.00
25	Isophorone	40.000	41.052	-2.6	85	-0.01
26 C	2-Nitrophenol	40.000	43.168	-7.9	90	0.00
27	2,4-Dimethylphenol	40.000	45.123	-12.8	90	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.237	-3.1	86	-0.01
29 C	2,4-Dichlorophenol	40.000	43.123	-7.8	91	0.00
30	1,2,4-Trichlorobenzene	40.000	42.180	-5.4	90	-0.01
31	Naphthalene	40.000	42.079	-5.2	90	-0.01
32	Benzoic acid	40.000	43.409	-8.5	94	0.02
33	4-Chloroaniline	40.000	45.404	-13.5	90	0.00
34 C	Hexachlorobutadiene	40.000	41.194	-3.0	87	-0.01
35	Caprolactam	40.000	43.862	-9.7	89	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.668	-6.7	87	0.00
37	2-Methylnaphthalene	40.000	41.962	-4.9	89	-0.01
38	1-Methylnaphthalene	40.000	42.163	-5.4	89	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	81	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	41.999	-5.0	88	0.00
41 P	Hexachlorocyclopentadiene	40.000	32.913	17.7	66	0.00
42 S	2,4,6-Tribromophenol	80.000	85.503	-6.9	86	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.170	-5.4	86	0.00
44	2,4,5-Trichlorophenol	40.000	42.385	-6.0	85	0.00
45 S	2-Fluorobiphenyl	80.000	83.324	-4.2	88	-0.01
46	1,1'-Biphenyl	40.000	41.803	-4.5	87	-0.01
47	2-Chloronaphthalene	40.000	42.280	-5.7	88	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.872	-7.2	86	0.00
49	Acenaphthylene	40.000	42.350	-5.9	88	0.00
50	Dimethylphthalate	40.000	41.436	-3.6	85	-0.01
51	2,6-Dinitrotoluene	40.000	43.017	-7.5	87	0.00
52 C	Acenaphthene	40.000	41.812	-4.5	87	0.00
53	3-Nitroaniline	40.000	45.543	-13.9	90	0.00
54 P	2,4-Dinitrophenol	40.000	50.797	-27.0#	107	0.00
55	Dibenzofuran	40.000	41.621	-4.1	86	-0.01
56 P	4-Nitrophenol	40.000	58.509	-46.3#	114	0.01
57	2,4-Dinitrotoluene	40.000	43.418	-8.5	86	0.00
58	Fluorene	40.000	42.611	-6.5	89	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	44.540	-11.3	88	0.00
60	Diethylphthalate	40.000	40.514	-1.3	84	-0.01
61	4-Chlorophenyl-phenylether	40.000	41.184	-3.0	85	0.00
62	4-Nitroaniline	40.000	46.773	-16.9	93	0.00
63	Azobenzene	40.000	40.898	-2.2	85	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	83	0.00
65	4,6-Dinitro-2-methylphenol	40.000	48.398	-21.0	94	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.734	-4.3	89	-0.01
67	4-Bromophenyl-phenylether	40.000	41.485	-3.7	89	-0.01
68	Hexachlorobenzene	40.000	42.174	-5.4	90	-0.01
69	Atrazine	40.000	32.001	20.0	79	0.00
70 C	Pentachlorophenol	40.000	38.484	3.8	72	0.00
71	Phenanthrene	40.000	42.223	-5.6	89	0.00
72	Anthracene	40.000	43.197	-8.0	91	0.00
73	Carbazole	40.000	44.564	-11.4	94	0.00
74	Di-n-butylphthalate	40.000	40.930	-2.3	87	0.00
75 C	Fluoranthene	40.000	44.447	-11.1	95	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	94	0.00
77	Benzidine	40.000	52.569	-31.4#	125	0.00
78	Pyrene	40.000	41.568	-3.9	97	0.00
79 S	Terphenyl-d14	80.000	80.355	-0.4	95	-0.01
80	Butylbenzylphthalate	40.000	39.160	2.1	90	-0.01
81	Benzo(a)anthracene	40.000	41.813	-4.5	101	0.00
82	3,3'-Dichlorobenzidine	40.000	43.159	-7.9	98	0.00
83	Chrysene	40.000	42.100	-5.3	100	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	35.205	12.0	84	0.00
85 c	Di-n-octyl phthalate	40.000	33.370	16.6	80	0.00
86 I	Perylene-d12	20.000	20.000	0.0	88	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	42.522	-6.3	94	0.02
88	Benzo(b)fluoranthene	40.000	45.600	-14.0	107	0.01
89	Benzo(k)fluoranthene	40.000	38.727	3.2	85	0.01
90 C	Benzo(a)pyrene	40.000	42.469	-6.2	95	0.02
91	Dibenzo(a,h)anthracene	40.000	42.685	-6.7	94	0.02
92	Benzo(g,h,i)perylene	40.000	43.923	-9.8	97	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140783.D
Acq On : 09 Dec 2024 12:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 09 14:00:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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: WEST04

Lab Code: CHEM Case No.: P5117 SAS No.: P5117 SDG No.: P5117

Instrument ID: BNA_F Calibration Date/Time: 12/09/2024 16:54

Lab File ID: BF140793.D Init. Calib. Date(s): 11/21/2024 11/21/2024

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 11:13 14:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.084	1.173		8.2	50.0
2-Fluorophenol	1.172	1.228		4.8	50.0
Phenol-d6	1.550	1.606		3.6	50.0
1,4-Dichlorobenzene	1.435	1.476		2.9	50.0
2-Methylphenol	1.010	1.044		3.4	50.0
3+4-Methylphenols	1.298	1.345		3.6	50.0
Nitrobenzene-d5	0.391	0.408		4.3	50.0
Hexachloroethane	0.536	0.552		3.0	50.0
Nitrobenzene	0.404	0.417		3.2	50.0
Hexachlorobutadiene	0.215	0.223		3.7	50.0
2,4,6-Trichlorophenol	0.367	0.392		6.8	50.0
2-Fluorobiphenyl	1.342	1.389		3.5	50.0
2,4,5-Trichlorophenol	0.399	0.417		4.5	50.0
2,4-Dinitrotoluene	0.397	0.432		8.8	50.0
2,4,6-Tribromophenol	0.214	0.231		7.9	50.0
Hexachlorobenzene	0.238	0.253		6.3	50.0
Pentachlorophenol	0.105	0.100		-4.8	50.0
Terphenyl-d14	1.284	1.333		3.8	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	111338	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	407852	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	228841	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	436884	20.000	ng	0.00
76) Chrysene-d12	14.051	240	251461	20.000	ng	0.00
86) Perylene-d12	15.557	264	241288	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	546695	83.779	ng	0.00
7) Phenol-d6	6.516	99	715376	82.925	ng	0.00
23) Nitrobenzene-d5	7.434	82	666058	83.533	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	211482	86.408	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1271155	82.763	ng	-0.01
79) Terphenyl-d14	12.980	244	1340625	83.016	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	113183	41.253	ng	97
3) Pyridine	3.404	79	261113	43.255	ng	99
4) n-Nitrosodimethylamine	3.369	42	140273	39.537	ng	91
6) Aniline	6.534	93	247715	40.796	ng	# 71
8) 2-Chlorophenol	6.657	128	296851	42.284	ng	99
9) Benzaldehyde	6.422	77	179459	39.296	ng	99
10) Phenol	6.528	94	366410	41.590	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	285071	42.284	ng	98
12) 1,3-Dichlorobenzene	6.804	146	331247	41.991	ng	99
13) 1,4-Dichlorobenzene	6.881	146	328765	41.161	ng	99
14) 1,2-Dichlorobenzene	7.040	146	313249	41.853	ng	99
15) Benzyl Alcohol	7.016	79	250728	39.191	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	319710	40.141	ng	71
17) 2-Methylphenol	7.134	107	232545	41.380	ng	95
18) Hexachloroethane	7.375	117	122849	41.181	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	202526	39.723	ng	96
20) 3+4-Methylphenols	7.287	107	299394	41.448	ng	# 85
22) Acetophenone	7.281	105	409520	41.186	ng	97
24) Nitrobenzene	7.457	77	340292	41.293	ng	97
25) Isophorone	7.692	82	555956	41.803	ng	99
26) 2-Nitrophenol	7.769	139	160033	43.820	ng	96
27) 2,4-Dimethylphenol	7.810	122	192473m	44.048	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	344075	42.468	ng	99
29) 2,4-Dichlorophenol	8.022	162	250923	43.337	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	278158	42.076	ng	100
31) Naphthalene	8.169	128	890300	42.379	ng	99
32) Benzoic acid	7.969	122	179000	47.213	ng	98
33) 4-Chloroaniline	8.228	127	258600	41.114	ng	99
34) Hexachlorobutadiene	8.281	225	182142	41.597	ng	98
35) Caprolactam	8.604	113	78101m	43.587	ng	
36) 4-Chloro-3-methylphenol	8.716	107	274503	42.344	ng	99
37) 2-Methylnaphthalene	8.857	142	565502	42.381	ng	98
38) 1-Methylnaphthalene	8.957	142	554906	42.427	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	283106	42.259	ng	99
41) Hexachlorocyclopentadiene	9.010	237	51965	38.655	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	179504	42.701	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

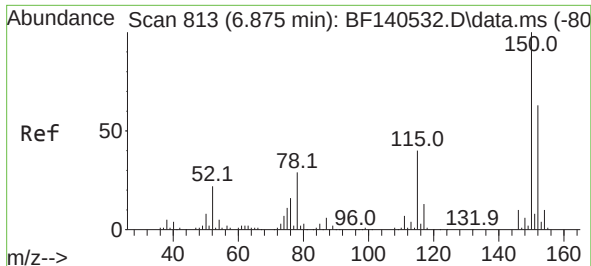
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	191015	41.868	ng	97
46) 1,1'-Biphenyl	9.322	154	712274	41.689	ng	99
47) 2-Chloronaphthalene	9.351	162	548428	42.363	ng	99
48) 2-Nitroaniline	9.457	65	173500	41.753	ng	95
49) Acenaphthylene	9.769	152	802935	41.049	ng	99
50) Dimethylphthalate	9.628	163	639675	42.443	ng	100
51) 2,6-Dinitrotoluene	9.698	165	145468	42.558	ng	94
52) Acenaphthene	9.939	154	516945	41.593	ng	99
53) 3-Nitroaniline	9.869	138	144912	43.347	ng	98
54) 2,4-Dinitrophenol	9.986	184	88646	53.002	ng	95
55) Dibenzofuran	10.110	168	783038	41.305	ng	99
56) 4-Nitrophenol	10.051	139	123343	54.099	ng	95
57) 2,4-Dinitrotoluene	10.104	165	197930	43.570	ng	96
58) Fluorene	10.457	166	644283	42.340	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	162969	46.479	ng	91
60) Diethylphthalate	10.322	149	651981	42.578	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	322425	43.176	ng	96
62) 4-Nitroaniline	10.492	138	154265	43.997	ng	94
63) Azobenzene	10.604	77	605475	41.754	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109749	49.160	ng	93
66) n-Nitrosodiphenylamine	10.569	169	534148	41.343	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	191210	42.498	ng	98
68) Hexachlorobenzene	11.004	284	221124	42.445	ng	97
69) Atrazine	11.092	200	124649	34.295	ng	99
70) Pentachlorophenol	11.210	266	87095	37.985	ng	99
71) Phenanthrene	11.422	178	871003	41.475	ng	99
72) Anthracene	11.475	178	858438	41.788	ng	100
73) Carbazole	11.633	167	829167	41.957	ng	100
74) Di-n-butylphthalate	11.951	149	980776	42.988	ng	99
75) Fluoranthene	12.616	202	963587	42.260	ng	100
77) Benzidine	12.739	184	220453	30.153	ng	99
78) Pyrene	12.845	202	974808	41.926	ng	99
80) Butylbenzylphthalate	13.451	149	341631	40.788	ng	98
81) Benzo(a)anthracene	14.039	228	722318	43.394	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	219006	43.822	ng	100
83) Chrysene	14.080	228	612266	40.226	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	415362	39.273	ng	99
85) Di-n-octyl phthalate	14.639	149	626554	43.349	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	748155	47.579	ng	97
88) Benzo(b)fluoranthene	15.115	252	637387	42.056	ng	99
89) Benzo(k)fluoranthene	15.145	252	529858	39.952	ng	99
90) Benzo(a)pyrene	15.492	252	516945	41.950	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	618905	48.060	ng	99
92) Benzo(g,h,i)perylene	17.539	276	641395	48.809	ng	97

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



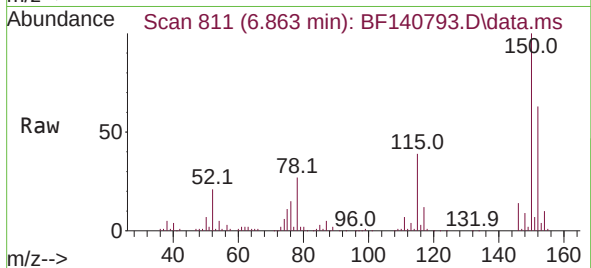
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



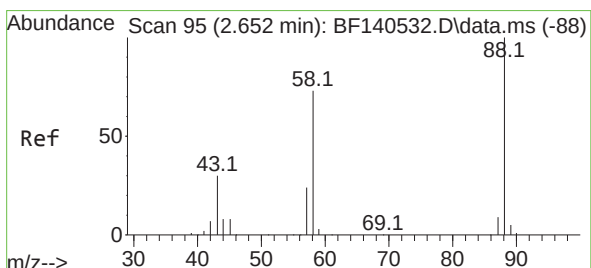
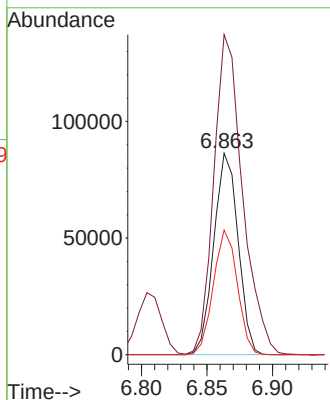
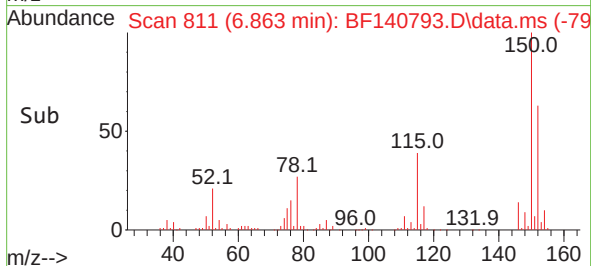
Tgt Ion:152 Resp: 111338
Ion Ratio Lower Upper
152 100
150 158.9 128.5 192.7
115 61.9 50.2 75.4

Manual Integrations

APPROVED

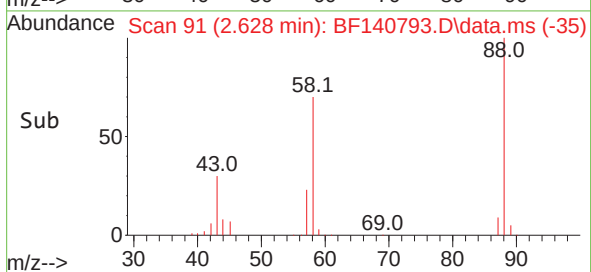
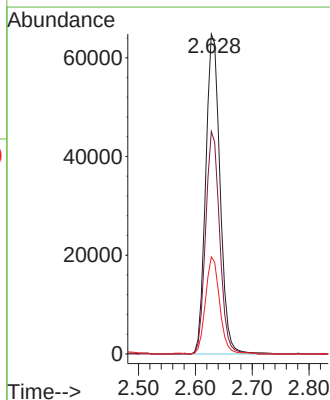
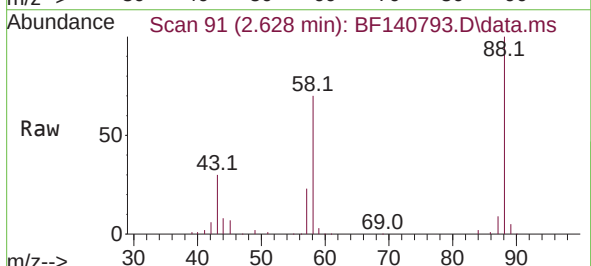
Reviewed By :Yogesh Patel 12/11/2024

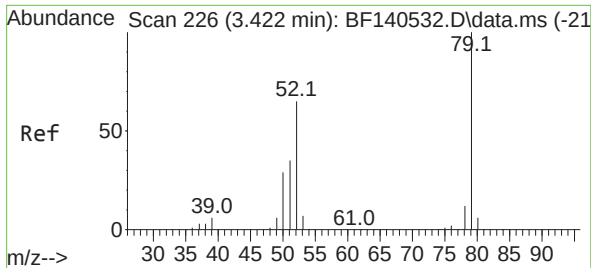
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 41.253 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 88 Resp: 113183
Ion Ratio Lower Upper
88 100
58 68.3 57.4 86.2
43 30.1 24.3 36.5





#3

Pyridine

Concen: 43.255 ng

RT: 3.404 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 26111

Ion Ratio Lower Upper

79 100

52 65.4 52.1 78.1

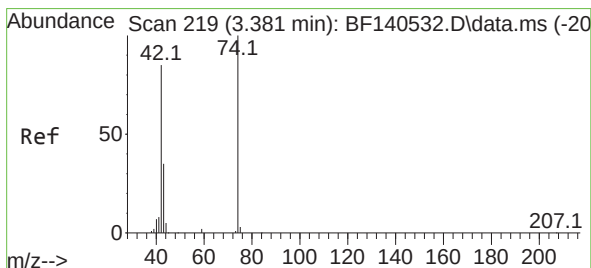
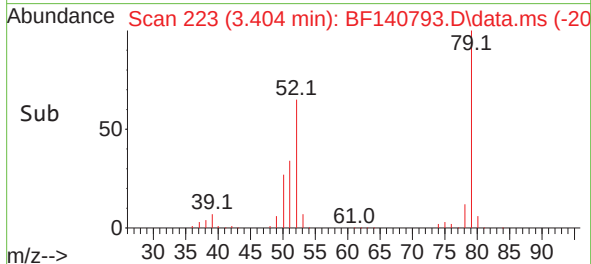
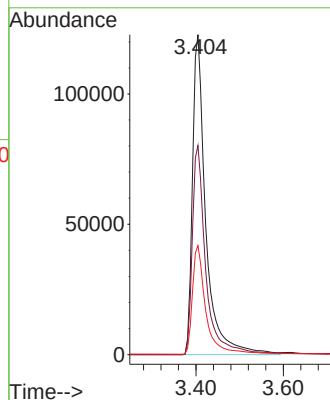
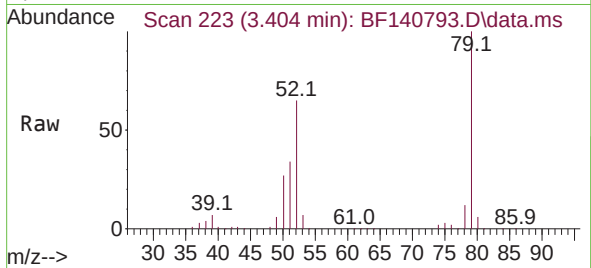
51 34.1 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#4

n-Nitrosodimethylamine

Concen: 39.537 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

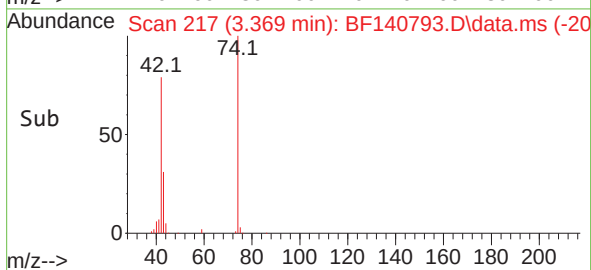
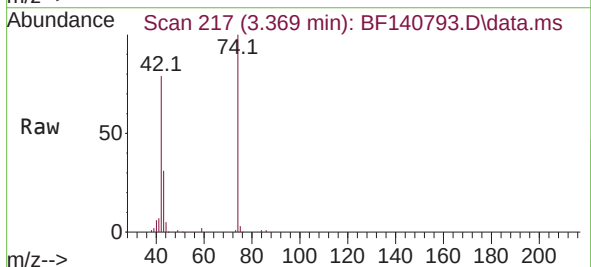
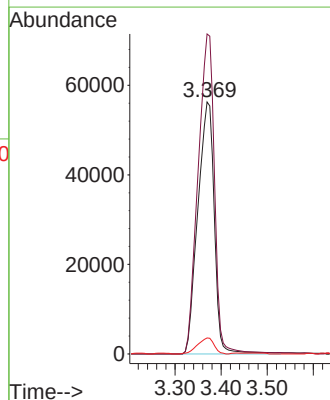
Tgt Ion: 42 Resp: 140273

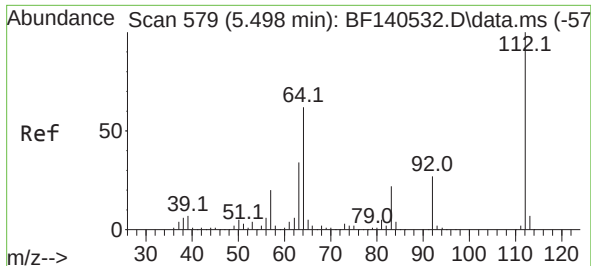
Ion Ratio Lower Upper

42 100

74 127.0 93.8 140.6

44 6.4 4.6 6.8





#5
2-Fluorophenol
Concen: 83.779 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

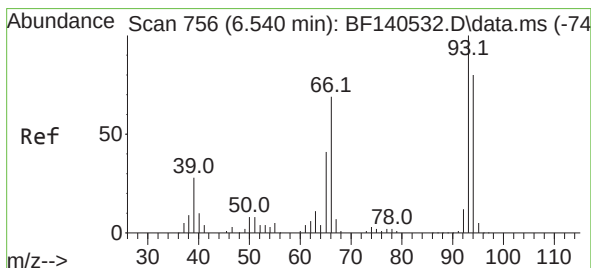
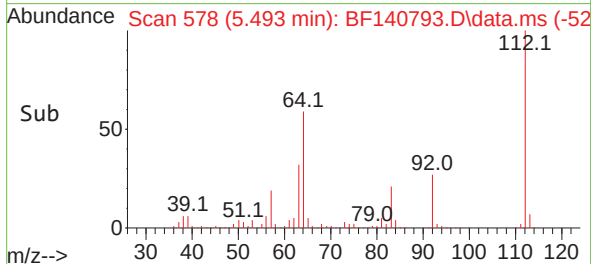
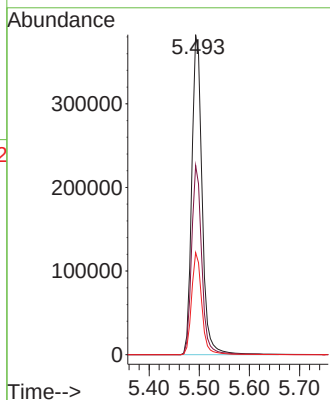
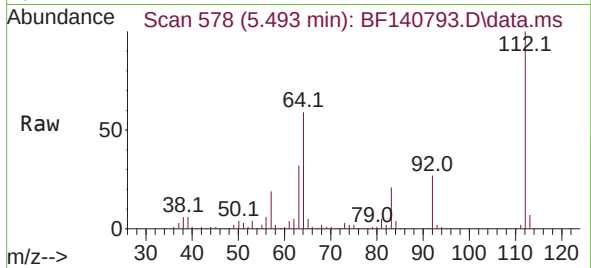
Tgt Ion:112 Resp: 54669
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.9 27.0 40.4

Manual Integrations

APPROVED

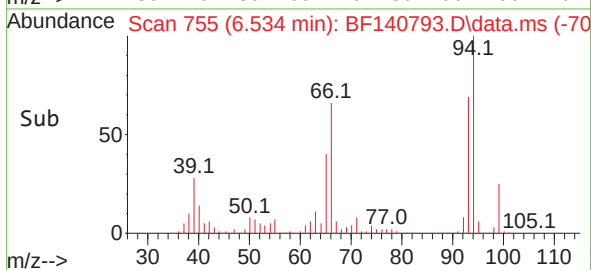
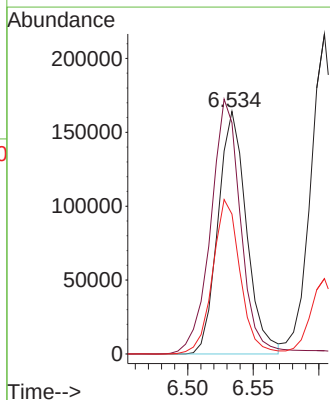
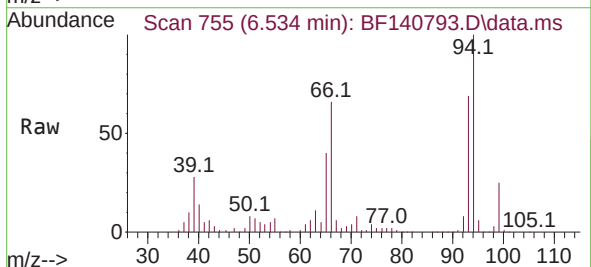
Reviewed By :Yogesh Patel 12/11/2024

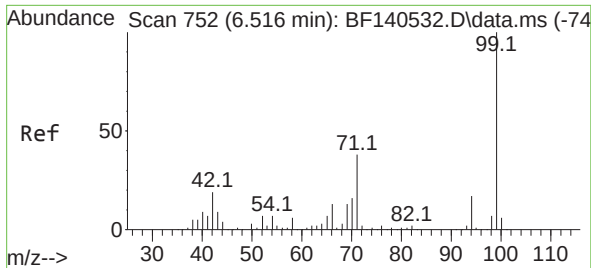
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 40.796 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

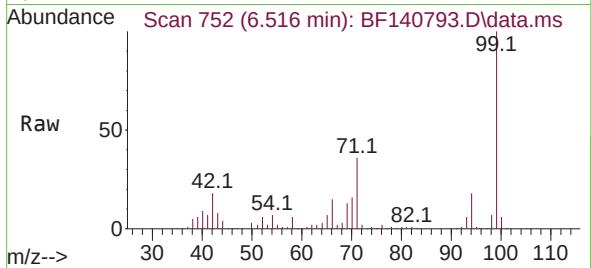
Tgt Ion: 93 Resp: 247715
Ion Ratio Lower Upper
93 100
66 95.3 56.5 84.7#
65 57.7 32.9 49.3#





#7
Phenol-d6
Concen: 82.925 ng
RT: 6.516 min Scan# 715370
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

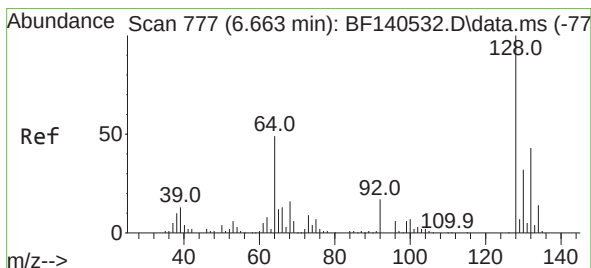
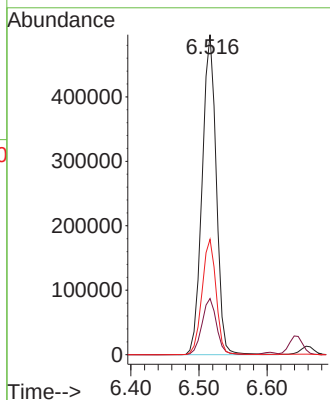
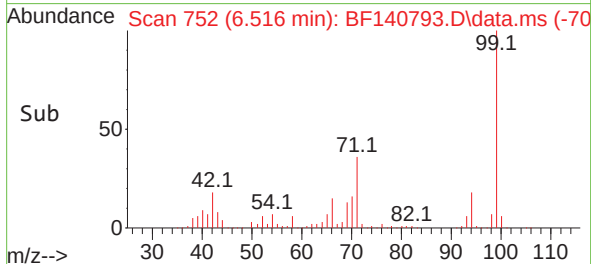
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 99 Resp: 715370
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.1 30.6 46.0

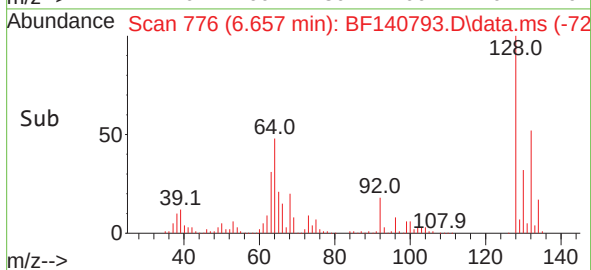
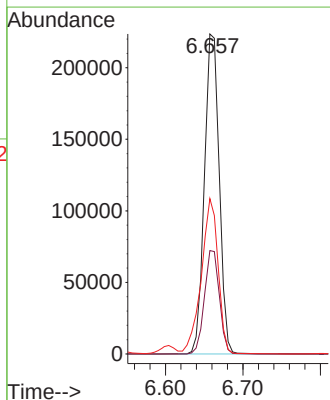
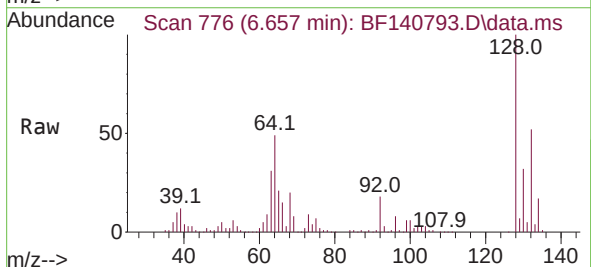
Manual Integrations
APPROVED

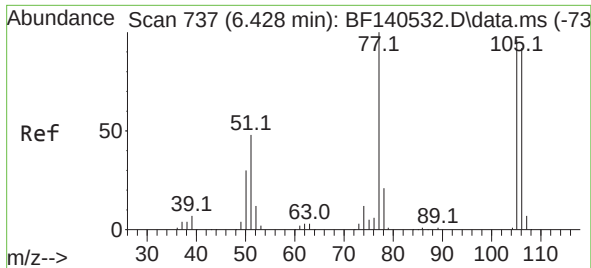
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#8
2-Chlorophenol
Concen: 42.284 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

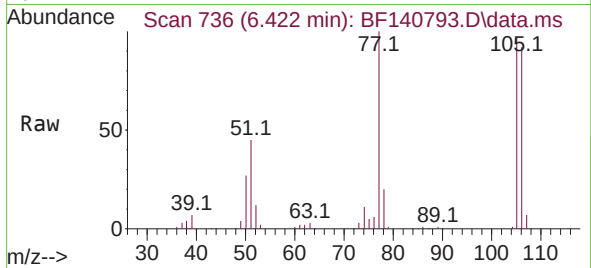
Tgt Ion:128 Resp: 296851
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 48.6 30.2 70.2





#9
Benzaldehyde
Concen: 39.296 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

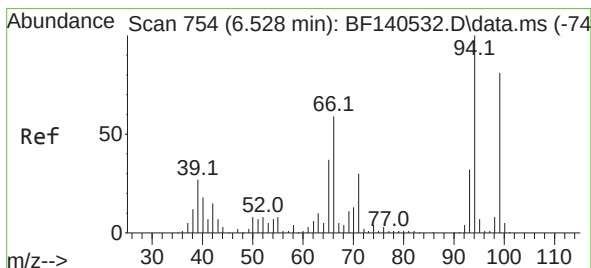
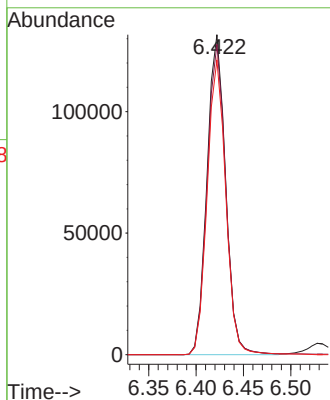
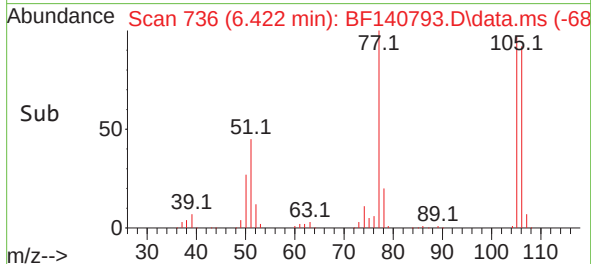
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 179459
Ion Ratio Lower Upper
77 100
105 97.0 75.6 115.6
106 92.0 72.0 112.0

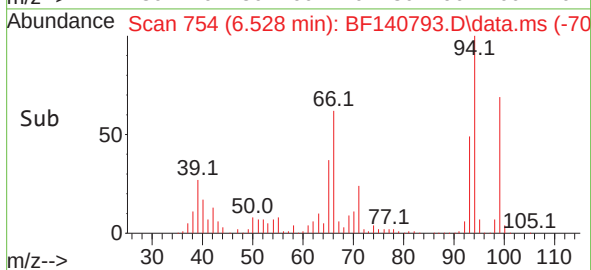
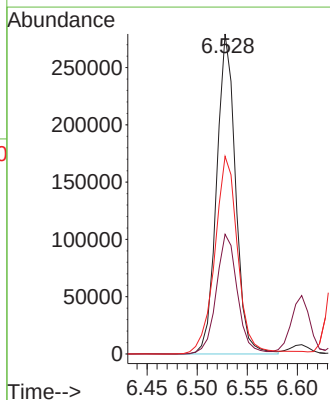
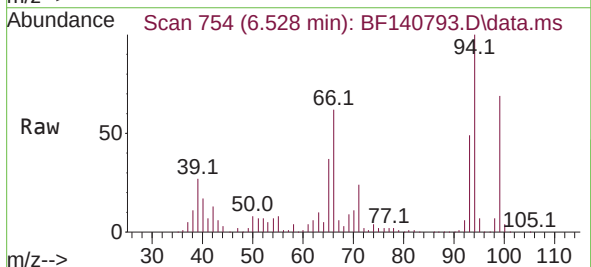
Manual Integrations
APPROVED

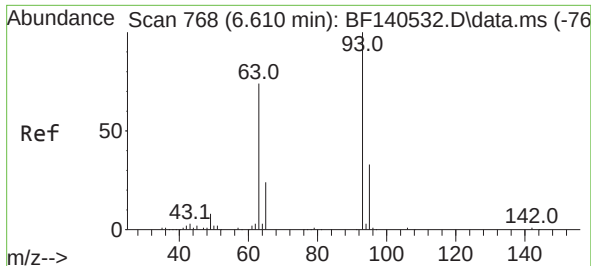
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Phenol
Concen: 41.590 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 94 Resp: 366410
Ion Ratio Lower Upper
94 100
65 37.4 17.2 57.2
66 61.8 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 42.284 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

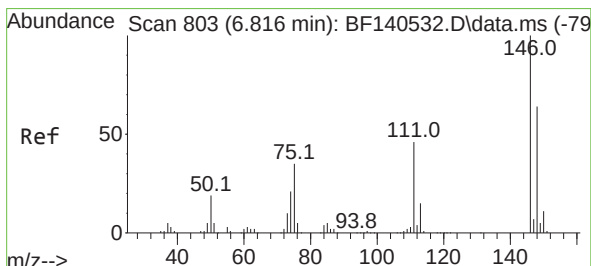
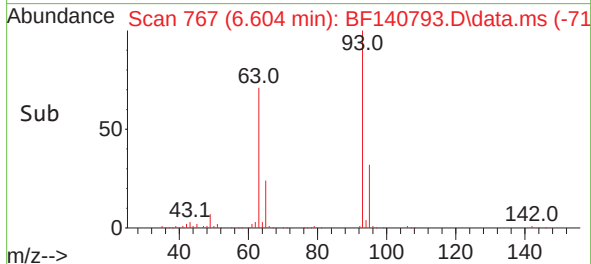
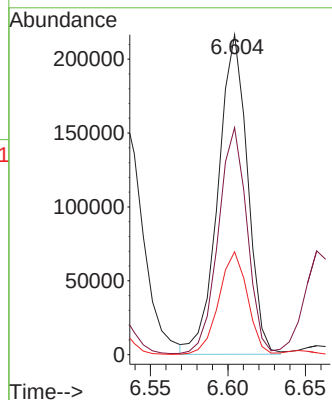
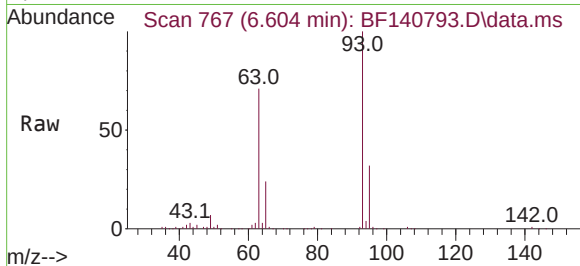
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 28507
Ion Ratio Lower Upper
93 100
63 71.0 52.8 92.8
95 32.1 12.3 52.3

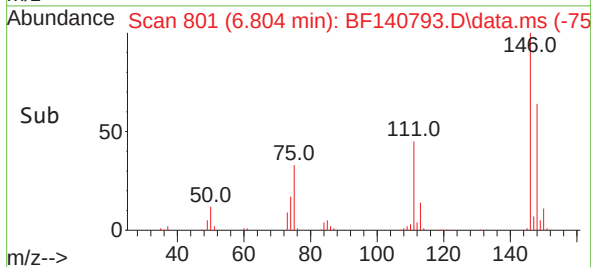
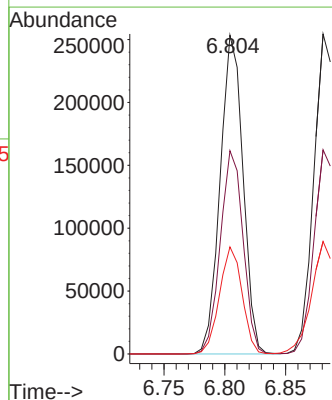
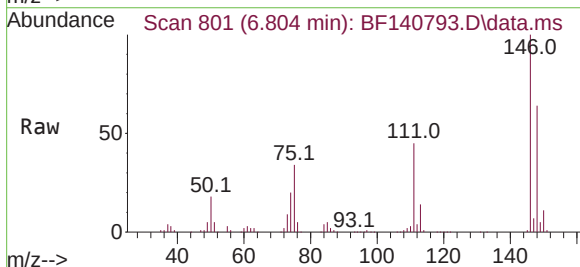
Manual Integrations
APPROVED

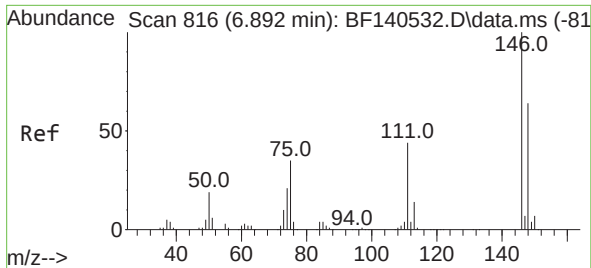
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 41.991 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

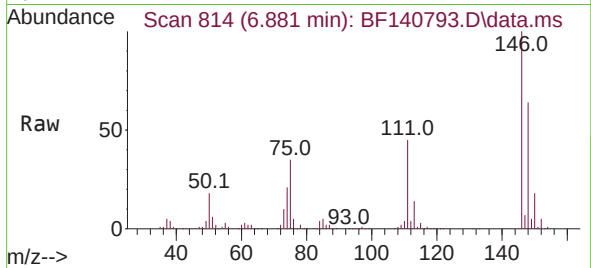
Tgt Ion:146 Resp: 331247
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 33.6 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 41.161 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

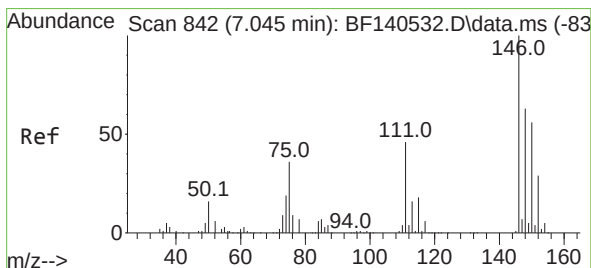
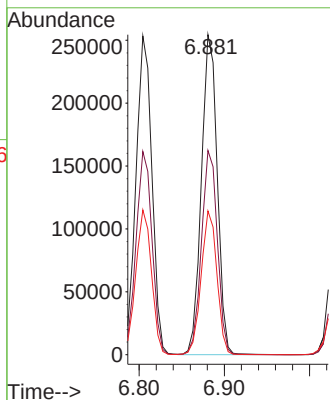
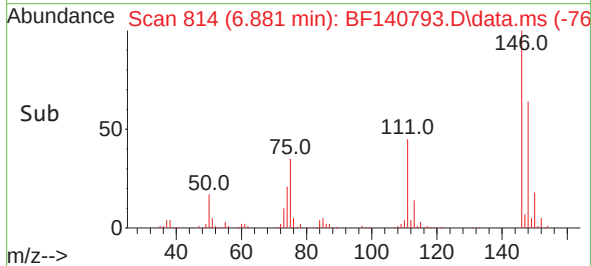
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



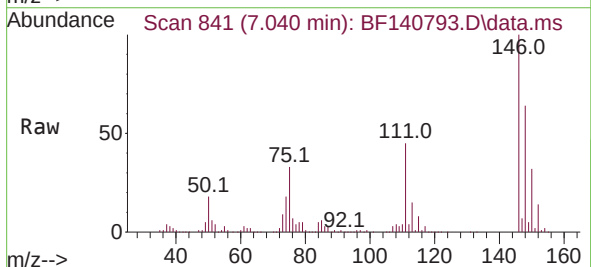
Tgt Ion:146 Resp: 32876
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.9 35.3 52.9

Manual Integrations
APPROVED

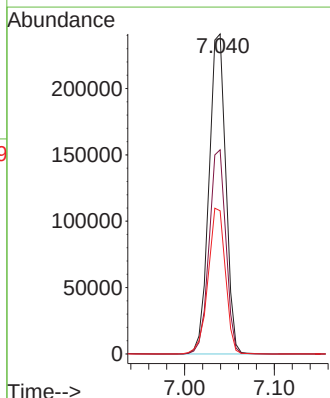
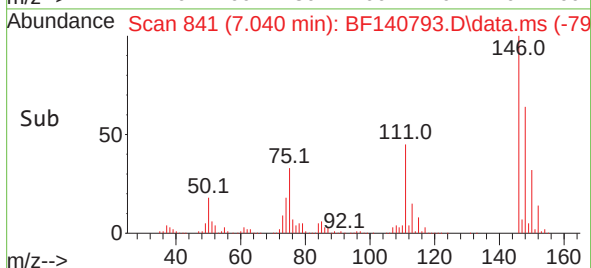
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

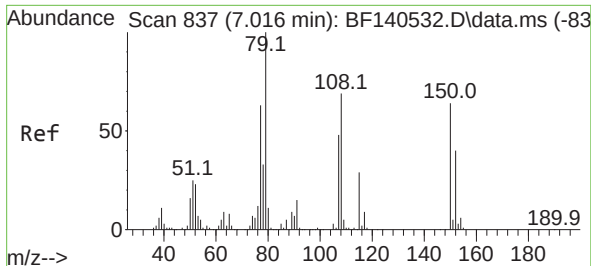


#14
1,2-Dichlorobenzene
Concen: 41.853 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



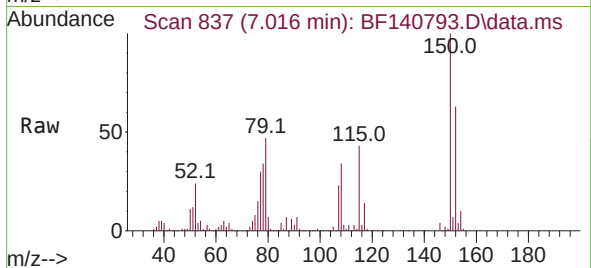
Tgt Ion:146 Resp: 313249
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 44.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 39.191 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

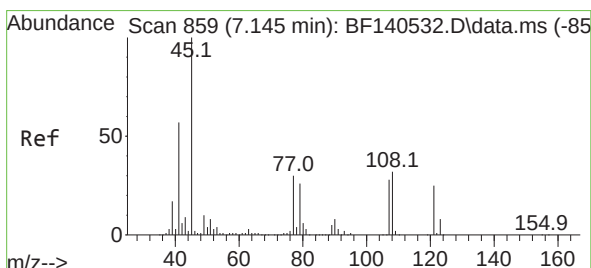
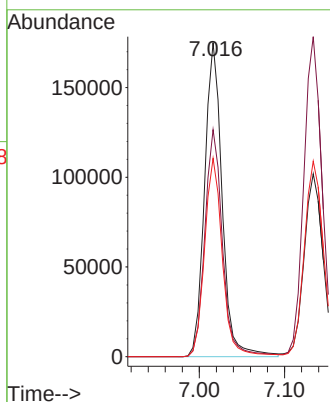
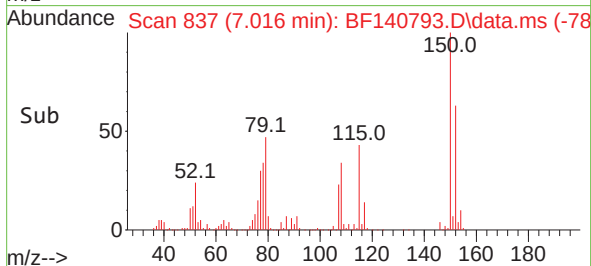
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 250728
Ion Ratio Lower Upper
79 100
108 72.3 55.0 82.6
77 63.2 50.1 75.1

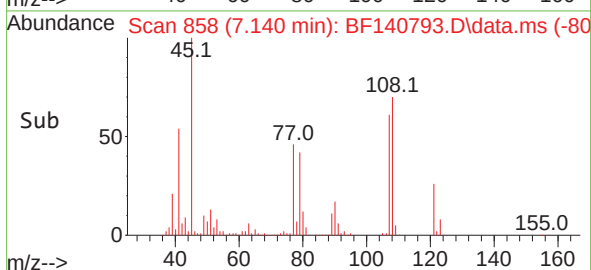
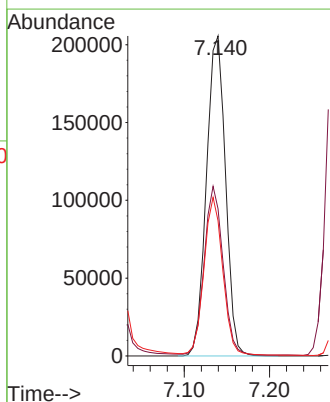
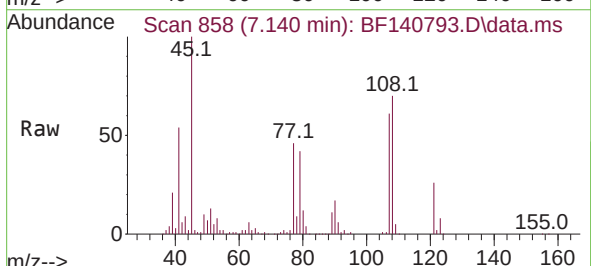
Manual Integrations
APPROVED

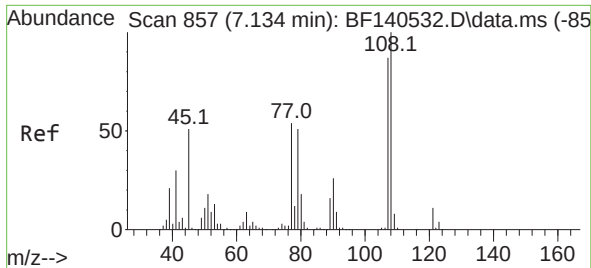
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.141 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

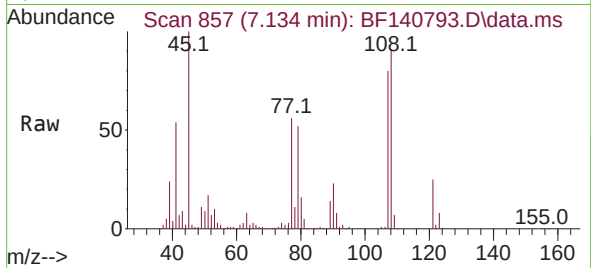
Tgt Ion: 45 Resp: 319710
Ion Ratio Lower Upper
45 100
77 46.0 10.7 50.7
79 42.3 7.0 47.0





#17
2-Methylphenol
Concen: 41.380 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

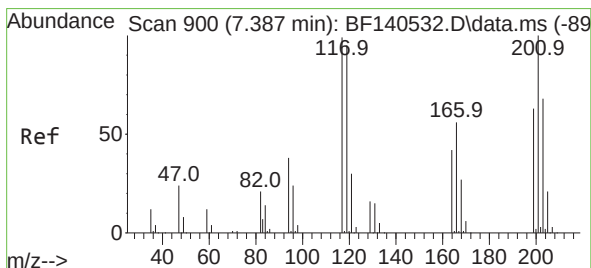
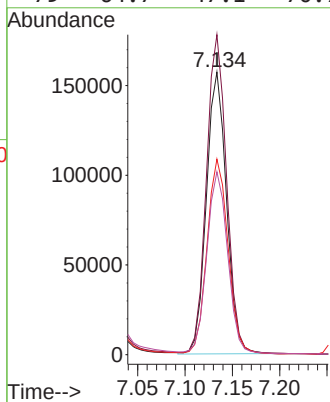
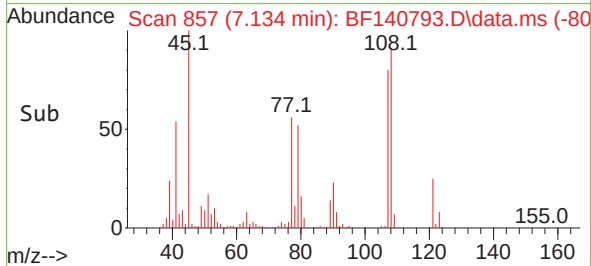
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:	107	Resp:	23254
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.7	137.5
77	69.2	49.3	73.9
79	64.7	47.1	70.7

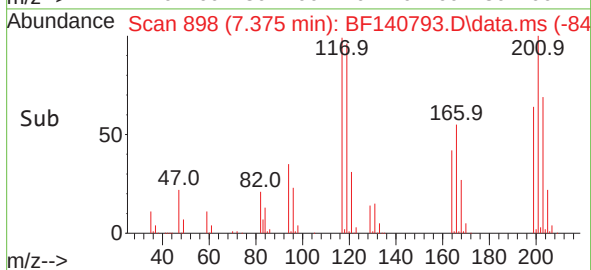
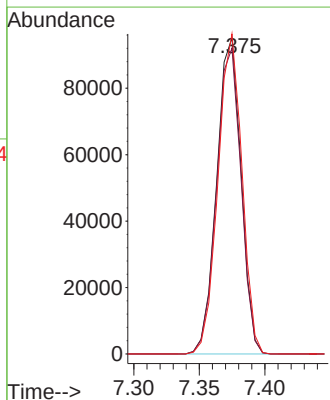
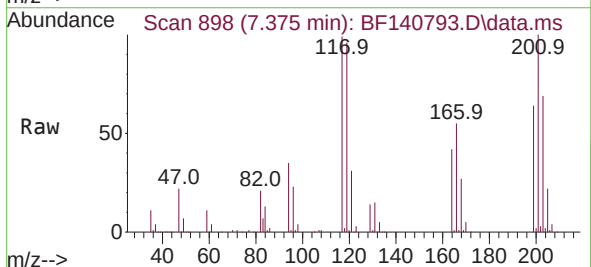
Manual Integrations
APPROVED

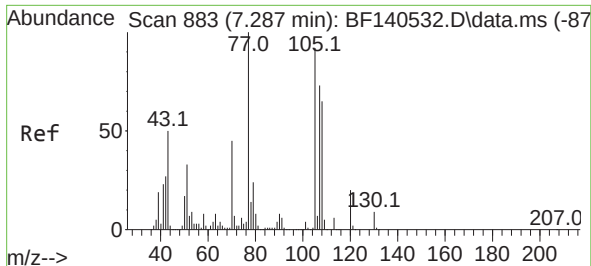
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 41.181 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:	117	Resp:	122849
Ion Ratio	Lower	Upper	
117	100		
119	96.8	77.1	115.7
201	101.2	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.723 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140793.D

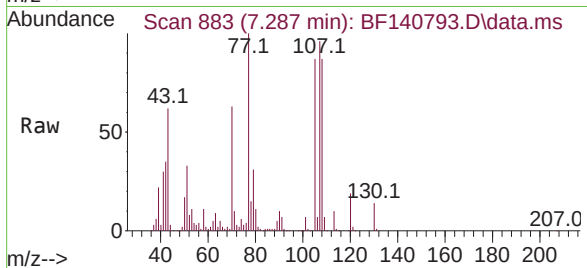
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 202520

Ion Ratio Lower Upper

70 100

42 55.7 47.6 71.4

101 10.4 7.6 11.4

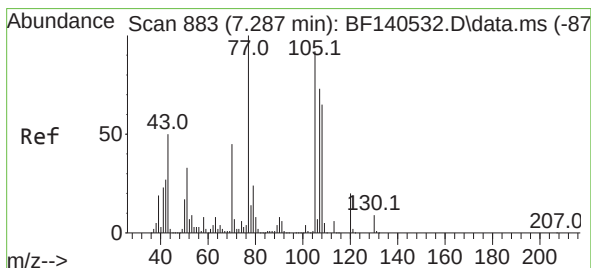
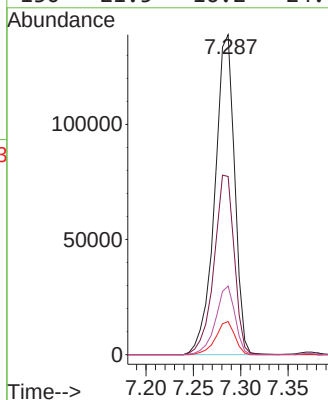
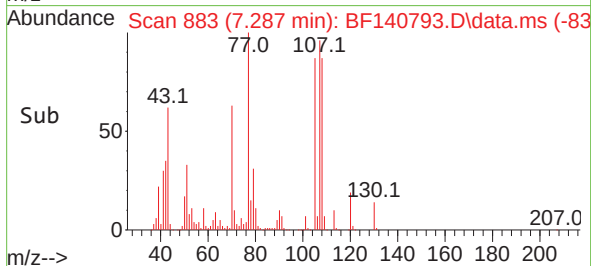
130 21.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#20

3+4-Methylphenols

Concen: 41.448 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:107 Resp: 299394

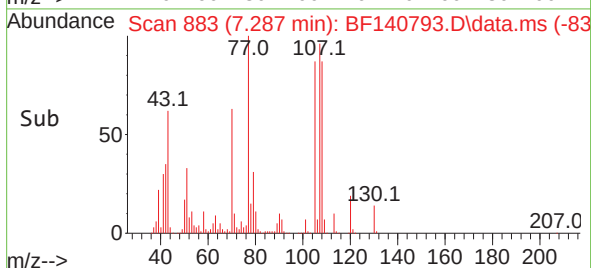
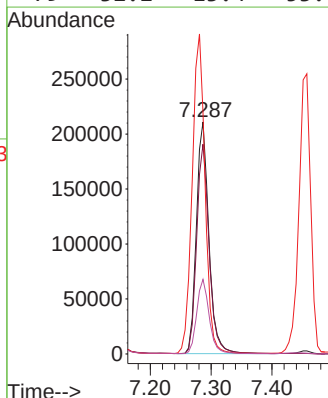
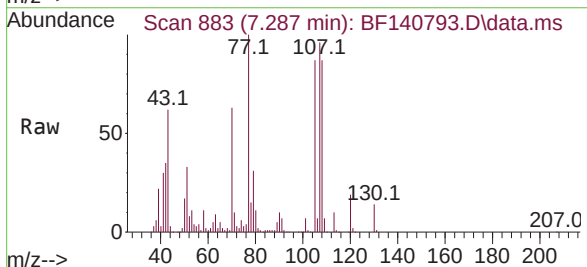
Ion Ratio Lower Upper

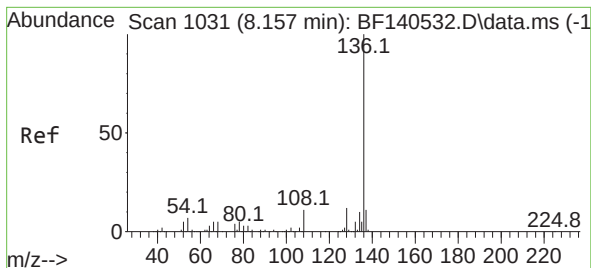
107 100

108 90.4 69.9 109.9

77 104.1 117.7 157.7#

79 32.2 13.4 53.4





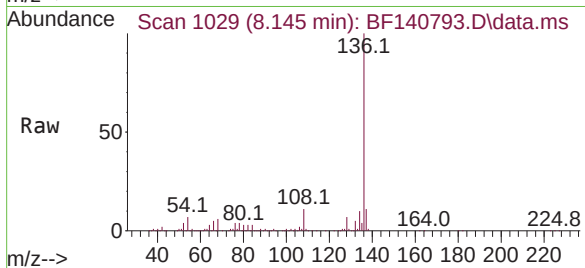
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



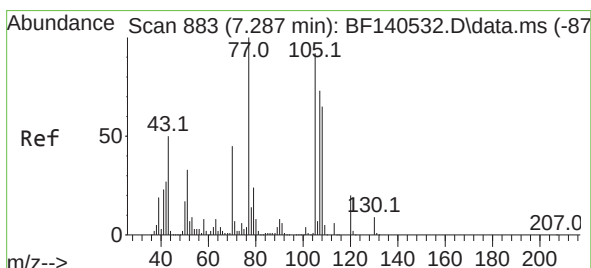
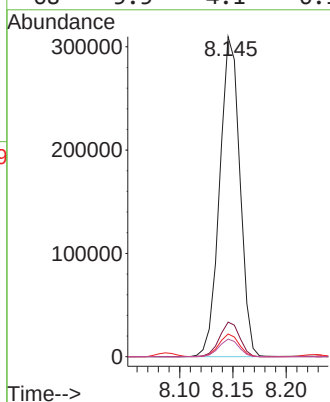
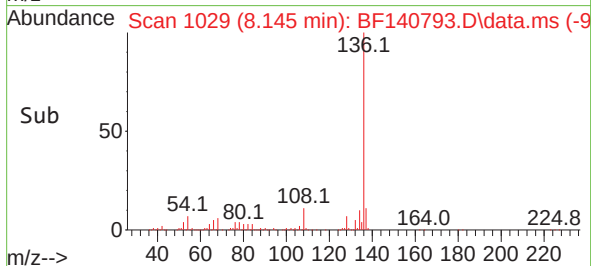
Tgt Ion:136 Resp: 407852
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 5.8 8.8
68 5.5 4.1 6.1

Manual Integrations

APPROVED

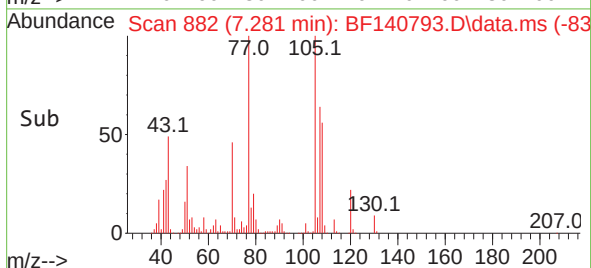
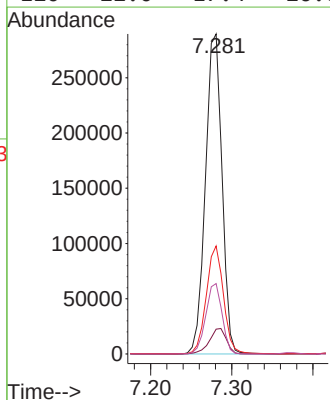
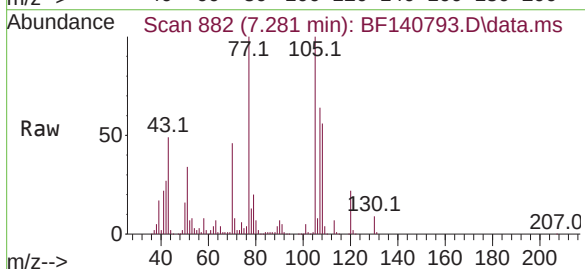
Reviewed By :Yogesh Patel 12/11/2024

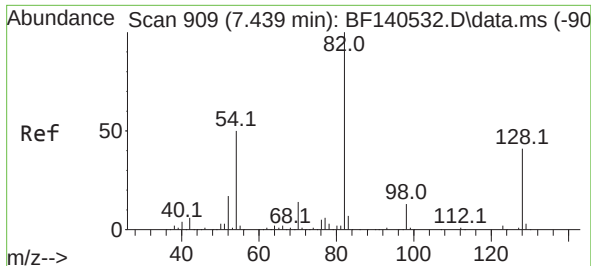
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 41.186 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:105 Resp: 409520
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.2
51 33.8 29.0 43.6
120 22.0 17.4 26.0





#23
Nitrobenzene-d5
Concen: 83.533 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

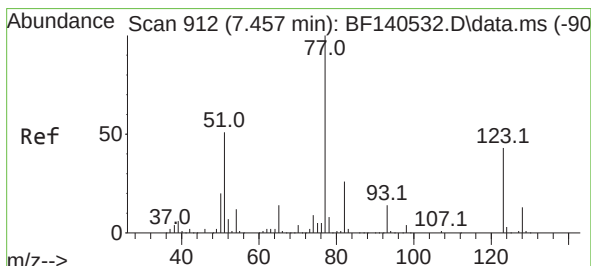
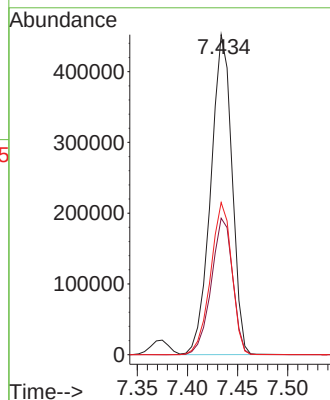
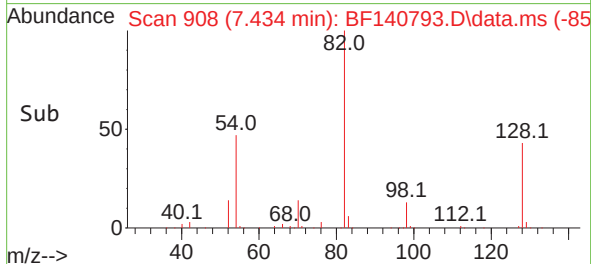
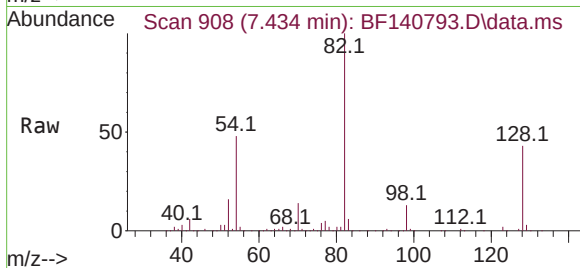
SSTDCCC040EC

Tgt Ion: 82 Resp: 666058
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 47.6 39.5 59.3

Manual Integrations

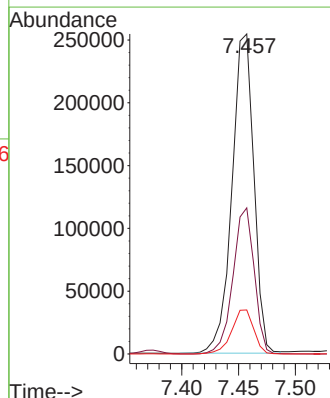
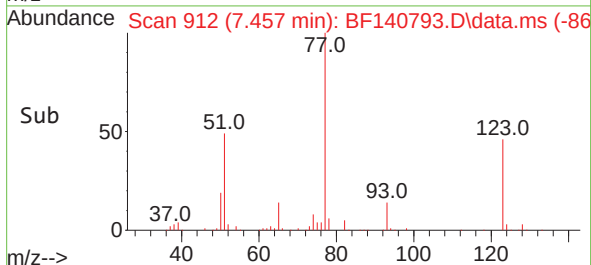
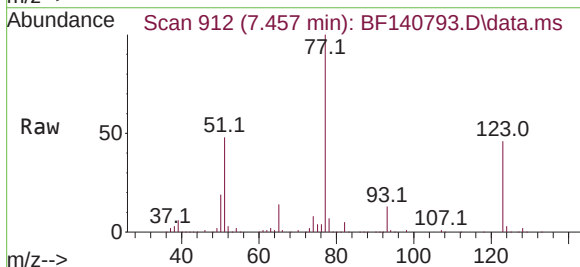
APPROVED

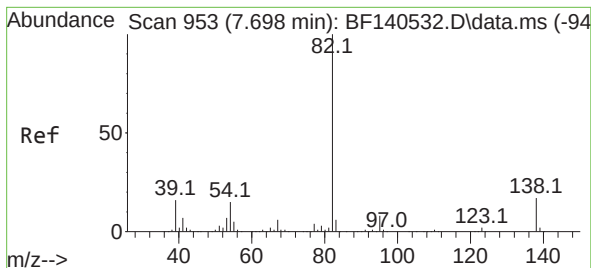
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Nitrobenzene
Concen: 41.293 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 77 Resp: 340292
Ion Ratio Lower Upper
77 100
123 45.7 34.3 51.5
65 13.7 11.2 16.8





#25

Isophorone

Concen: 41.803 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

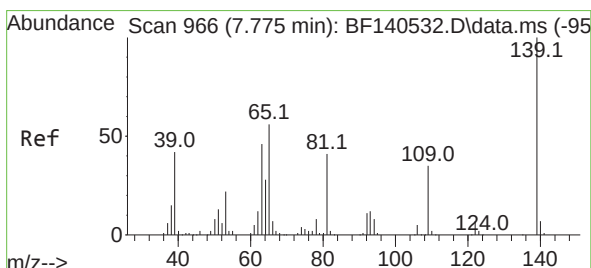
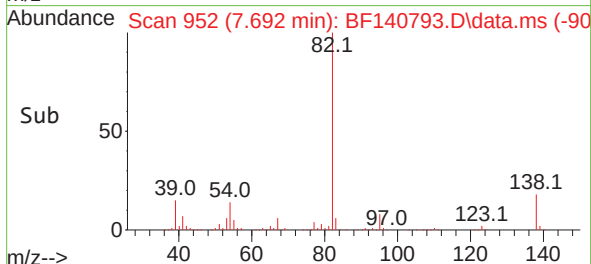
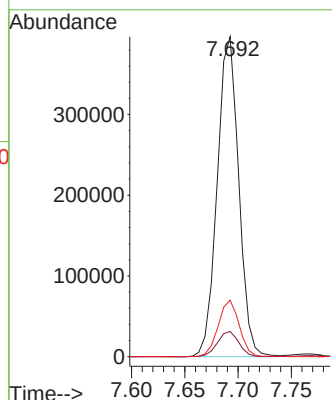
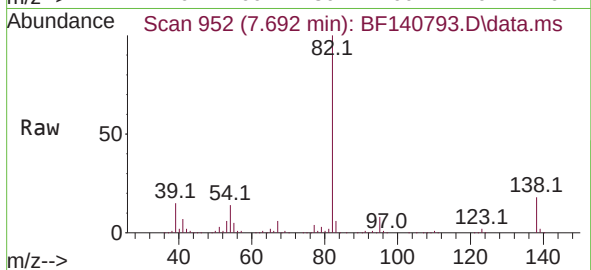
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 555950
 Ion Ratio Lower Upper
 82 100
 95 7.9 6.4 9.6
 138 17.6 13.8 20.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024



#26

2-Nitrophenol

Concen: 43.820 ng

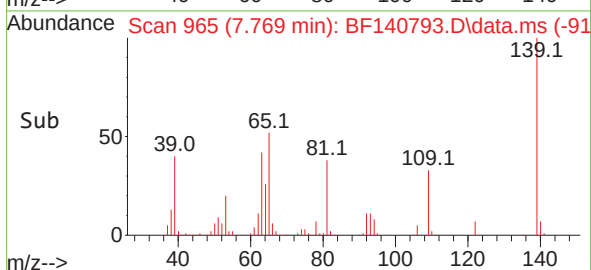
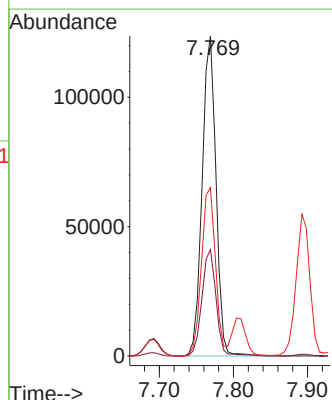
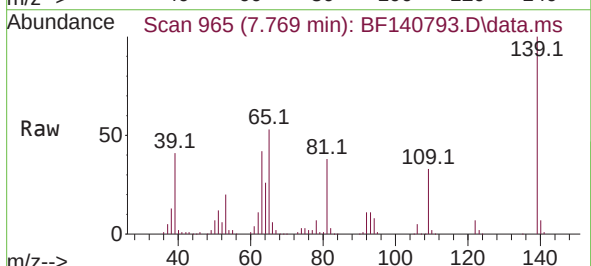
RT: 7.769 min Scan# 965

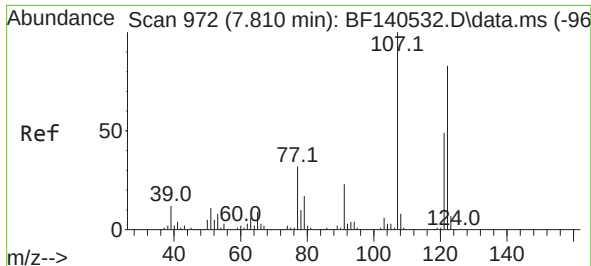
Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:139 Resp: 160033
 Ion Ratio Lower Upper
 139 100
 109 33.3 28.0 42.0
 65 52.6 44.6 67.0





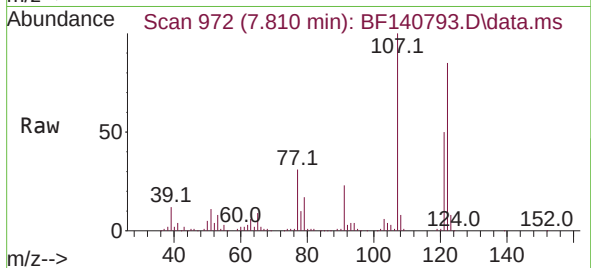
#27
2,4-Dimethylphenol
Concen: 44.048 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



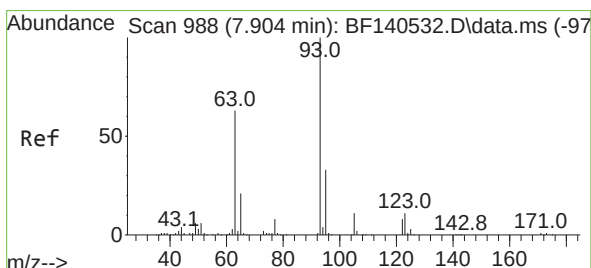
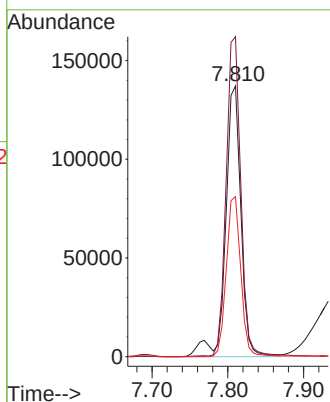
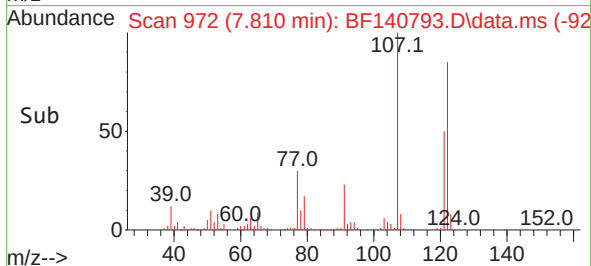
Tgt Ion:122 Resp: 19247
Ion Ratio Lower Upper
122 100
107 118.2 96.8 145.2
121 59.1 47.4 71.0

Manual Integrations

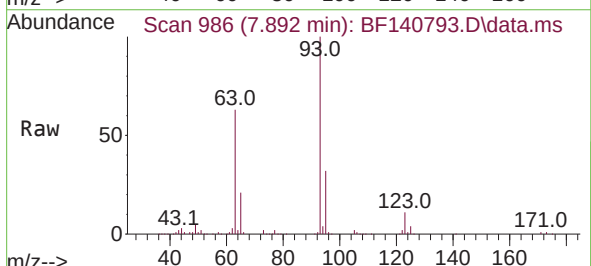
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

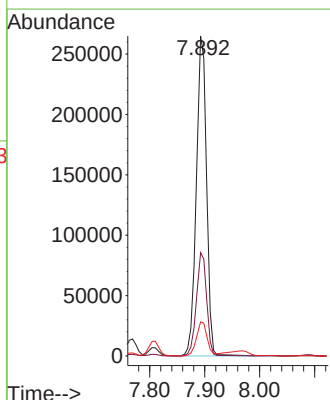
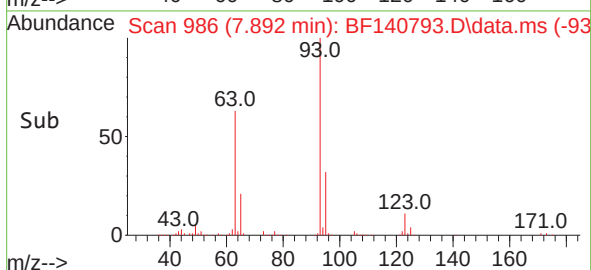
Supervised By :mohammad ahmed 12/12/2024

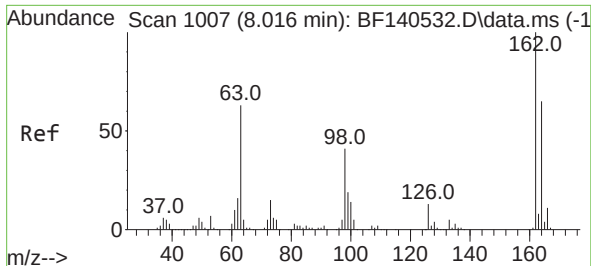


#28
bis(2-Chloroethoxy)methane
Concen: 42.468 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion: 93 Resp: 344075
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.337 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140793.D

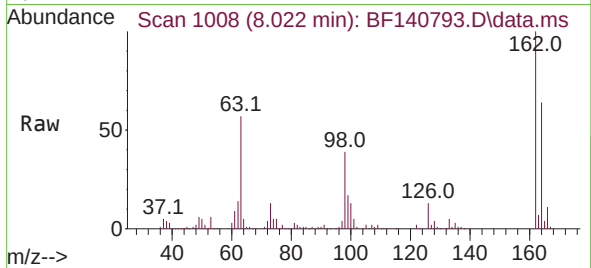
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



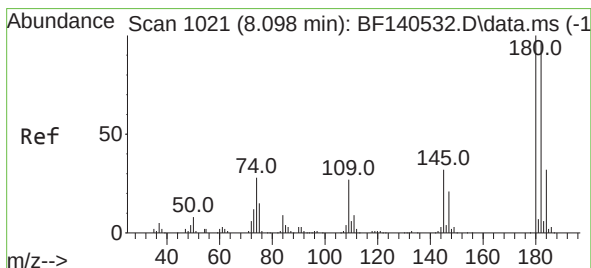
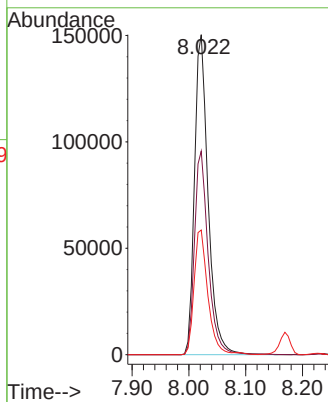
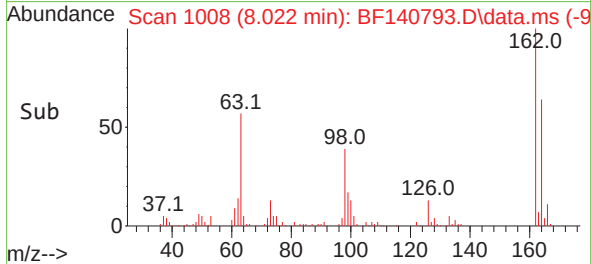
Tgt Ion:	162	Resp:	25092
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.8	84.8
98	38.9	21.2	61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.076 ng

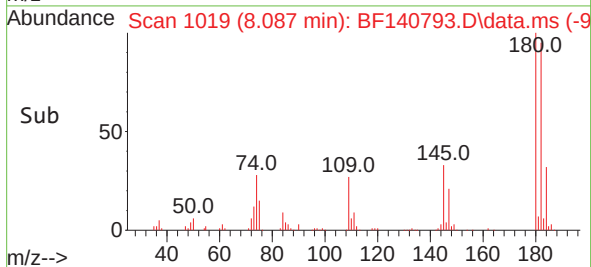
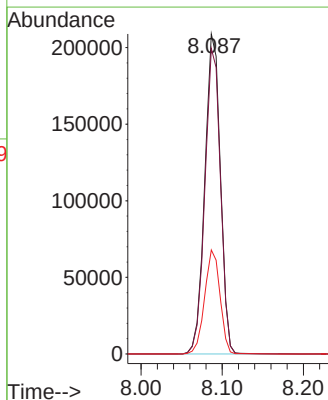
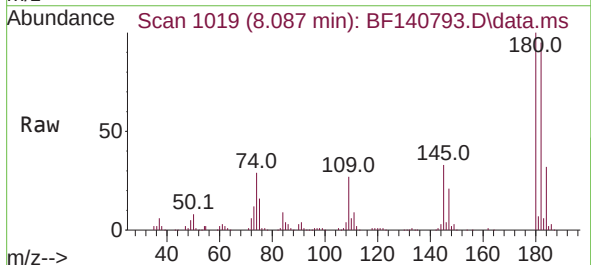
RT: 8.087 min Scan# 1019

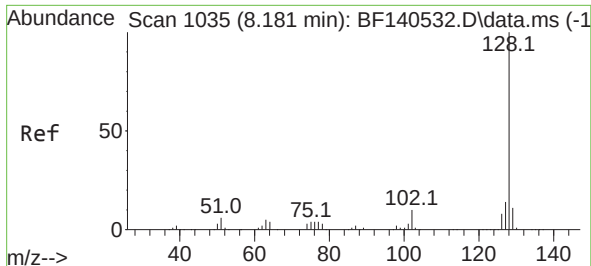
Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:	180	Resp:	278158
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	32.5	25.9	38.9





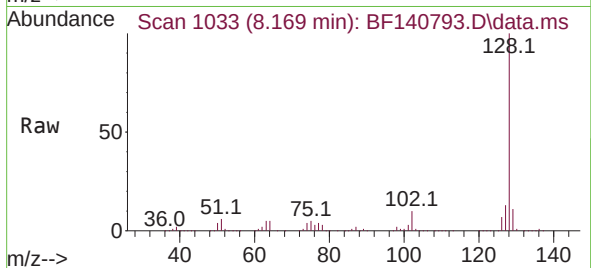
#31
Naphthalene
Concen: 42.379 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



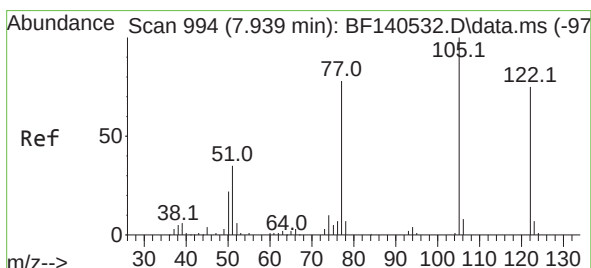
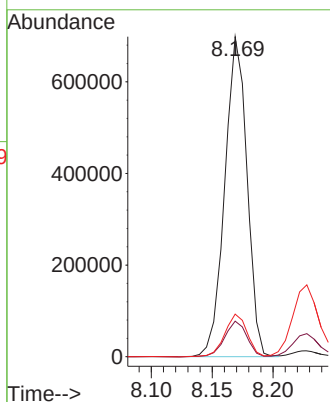
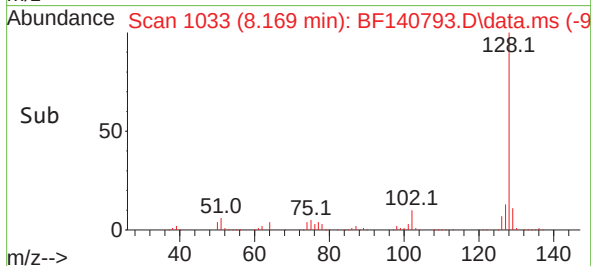
Tgt Ion:128 Resp: 890300
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2

Manual Integrations

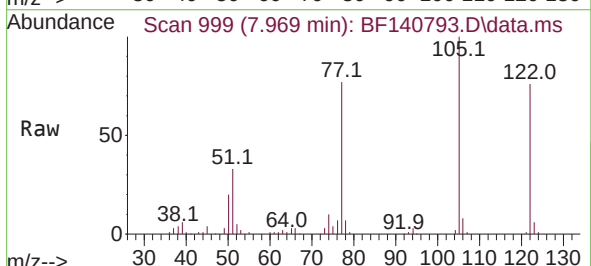
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

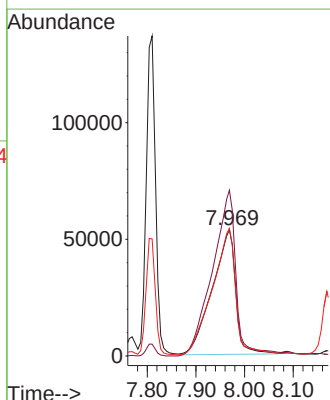
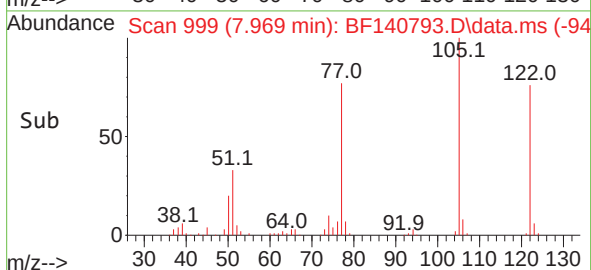
Supervised By :mohammad ahmed 12/12/2024

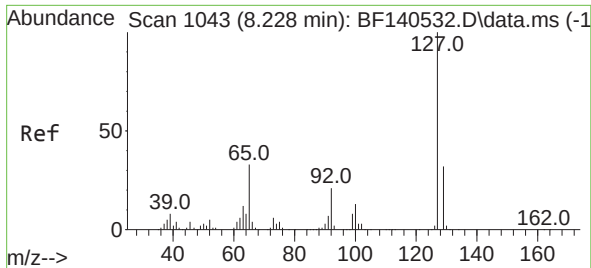


#32
Benzoic acid
Concen: 47.213 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.030 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:122 Resp: 179000
Ion Ratio Lower Upper
122 100
105 131.7 109.3 149.3
77 101.4 82.3 122.3





#33
4-Chloroaniline
Concen: 41.114 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

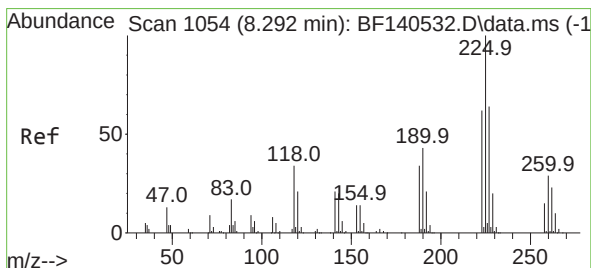
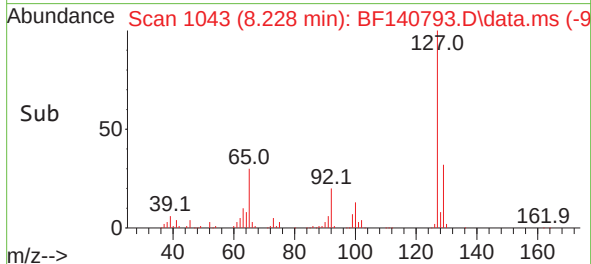
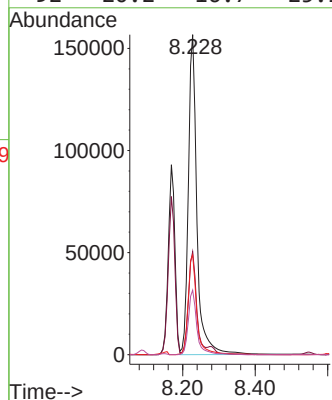
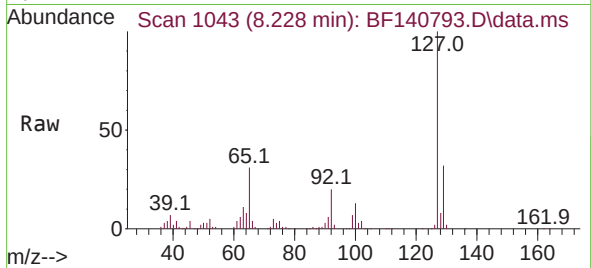
Tgt Ion:127 Resp: 258600
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 31.2 26.0 39.0
92 20.2 16.7 25.1

Manual Integrations

APPROVED

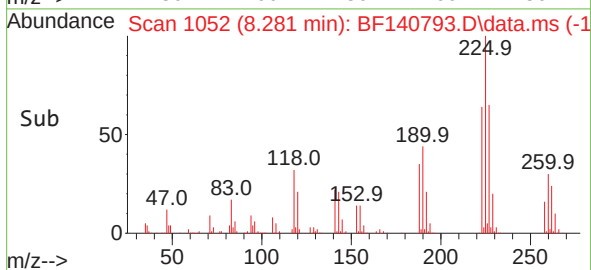
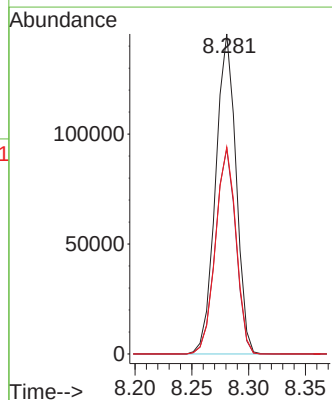
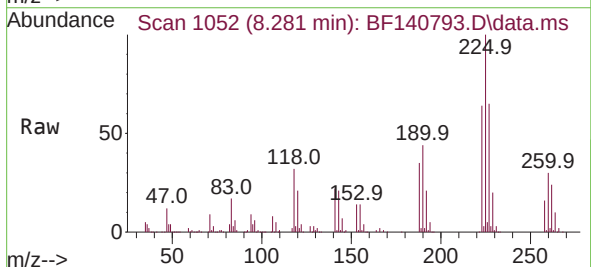
Reviewed By :Yogesh Patel 12/11/2024

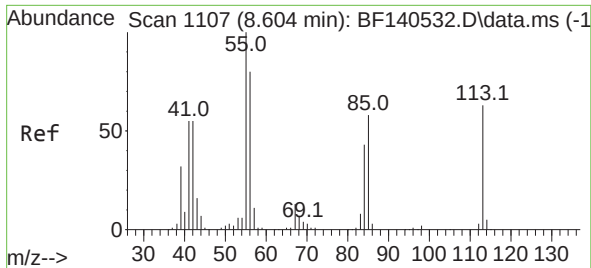
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 41.597 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:225 Resp: 182142
Ion Ratio Lower Upper
225 100
223 64.2 49.8 74.8
227 64.6 51.3 76.9





#35
Caprolactam
Concen: 43.587 ng m
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

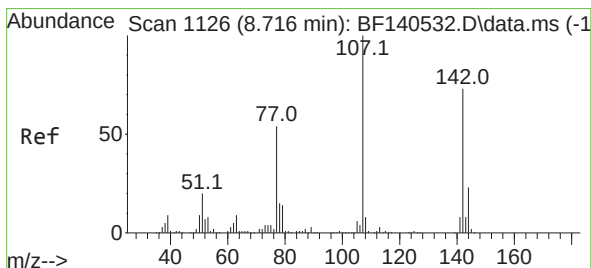
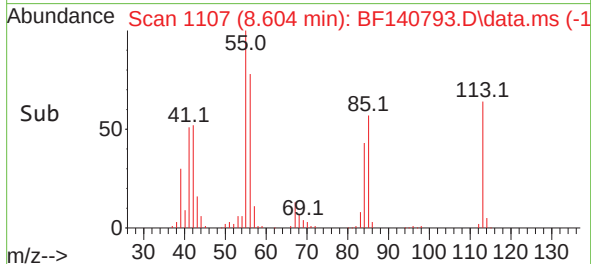
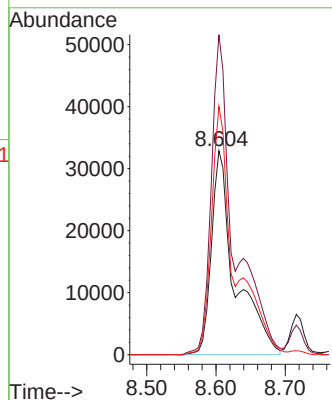
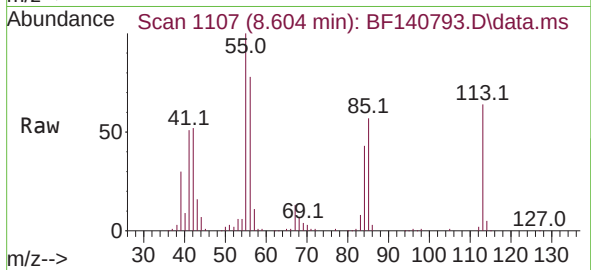
SSTDCCC040EC

Tgt Ion:113 Resp: 7810
Ion Ratio Lower Upper
113 100
55 156.9 137.7 177.7
56 121.8 106.4 146.4

Manual Integrations

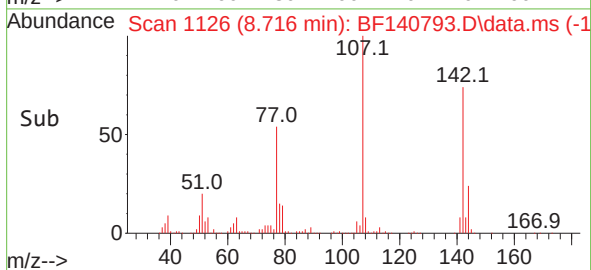
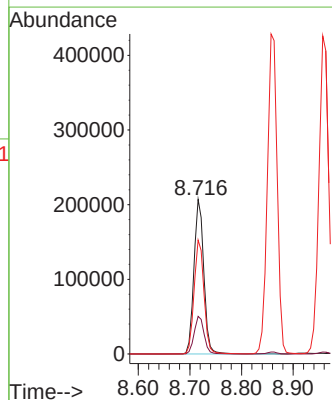
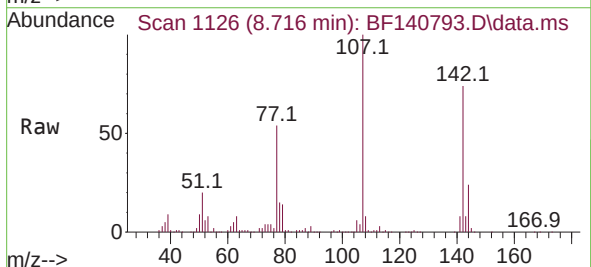
APPROVED

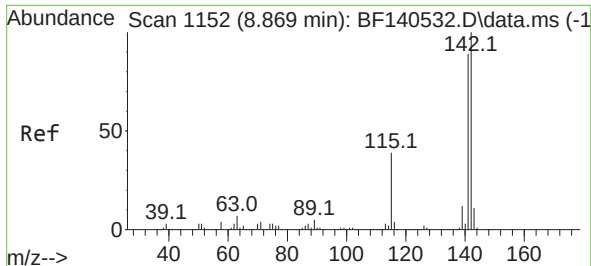
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 42.344 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:107 Resp: 274503
Ion Ratio Lower Upper
107 100
144 24.3 18.7 28.1
142 73.7 58.3 87.5





#37
2-Methylnaphthalene
Concen: 42.381 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

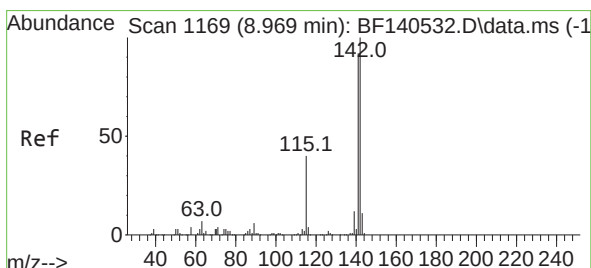
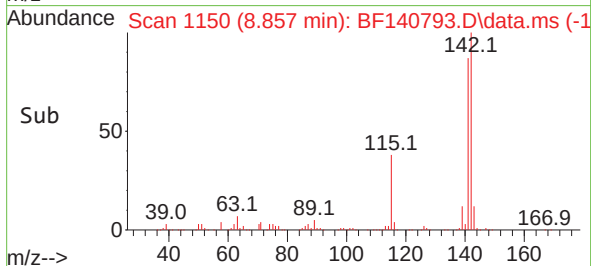
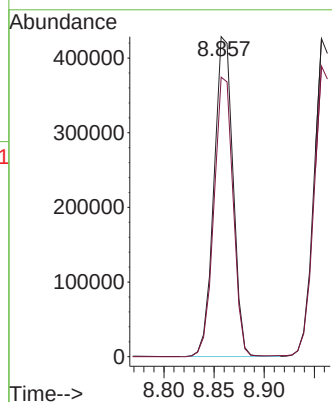
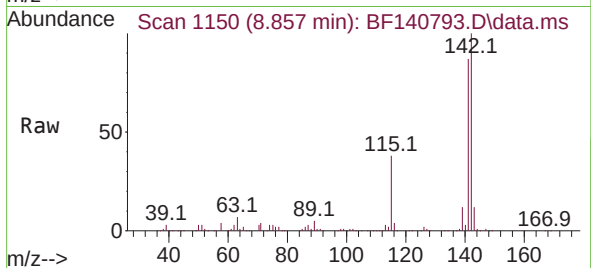
SSTDCCC040EC

Tgt Ion:142 Resp: 565502
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6

Manual Integrations

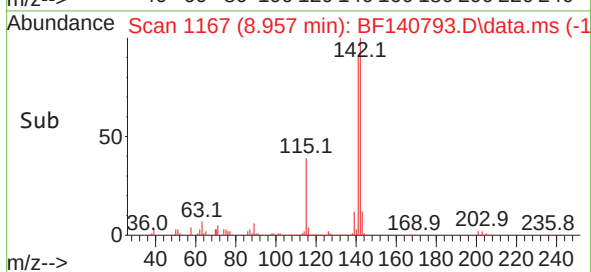
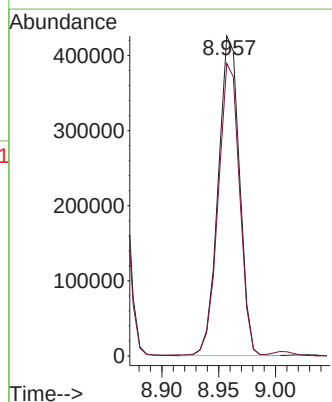
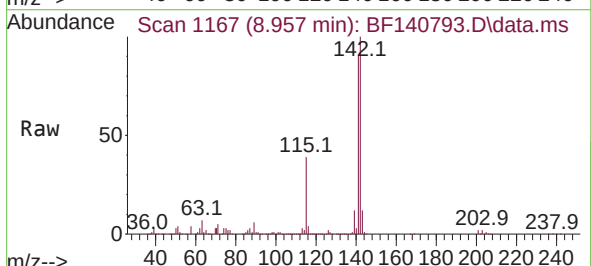
APPROVED

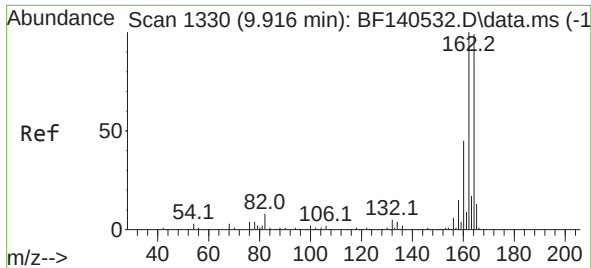
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 42.427 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:142 Resp: 554906
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9





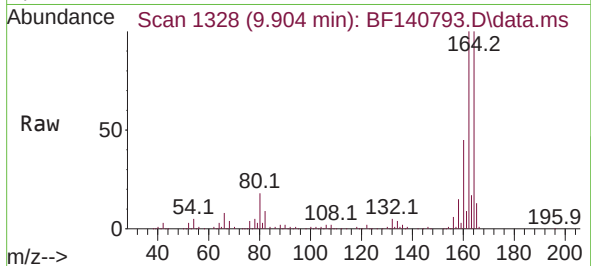
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



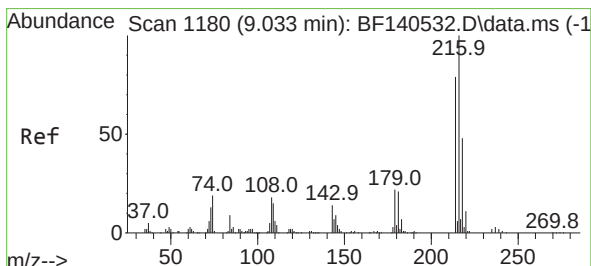
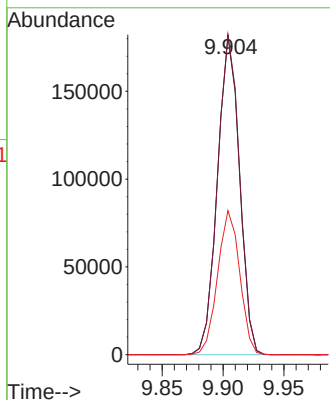
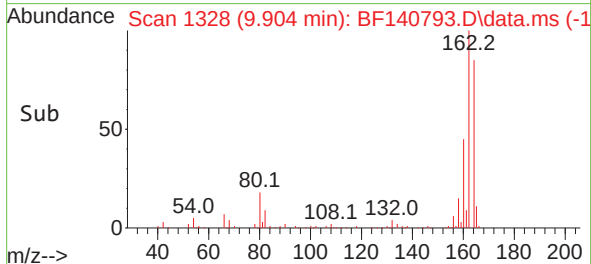
Tgt Ion:164 Resp: 22884
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.2 36.2 54.4

Manual Integrations

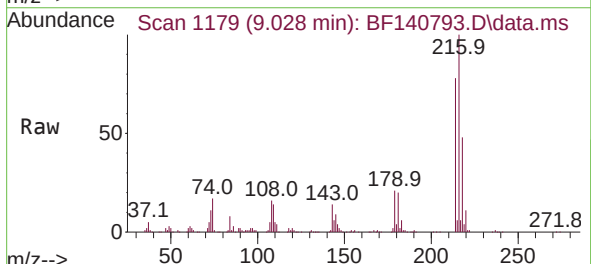
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

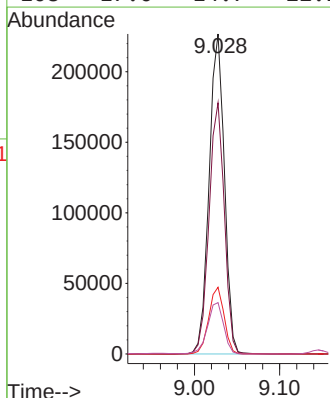
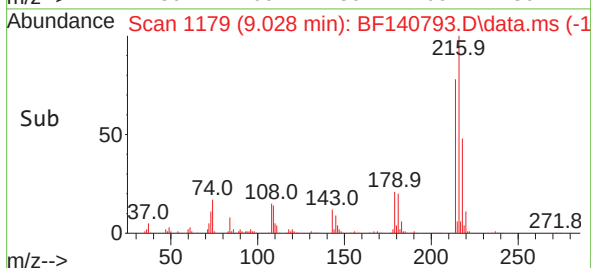
Supervised By :mohammad ahmed 12/12/2024

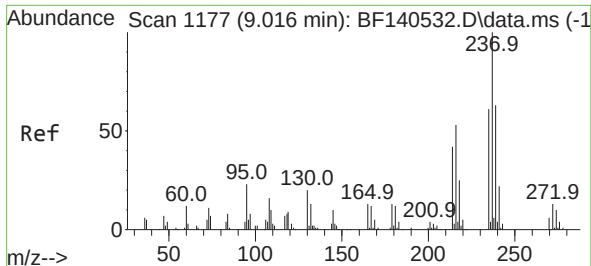


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.259 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:216 Resp: 283106
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.9 17.5 26.3
108 17.0 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 38.655 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

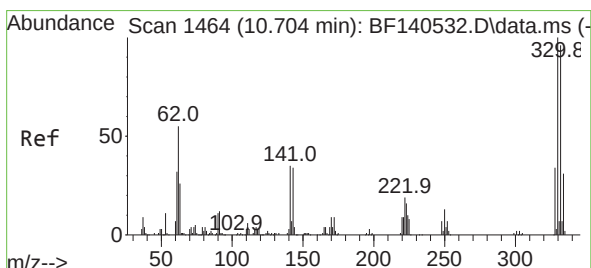
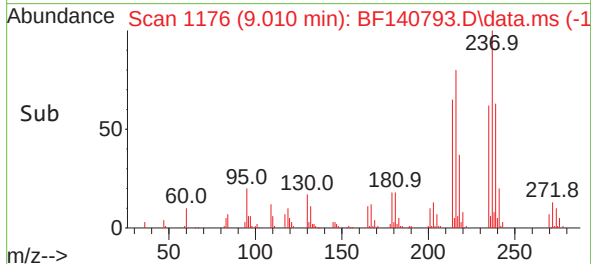
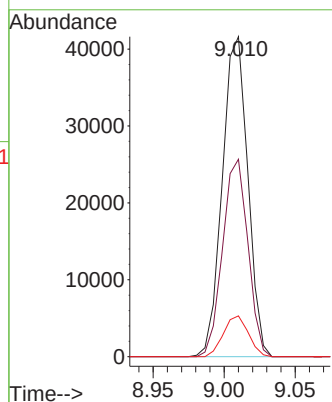
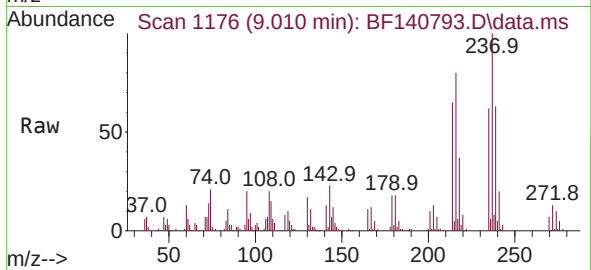
SSTDCCC040EC

Tgt Ion:237 Resp: 5196
Ion Ratio Lower Upper
237 100
235 61.7 41.1 81.1
272 12.8 0.0 32.6

Manual Integrations

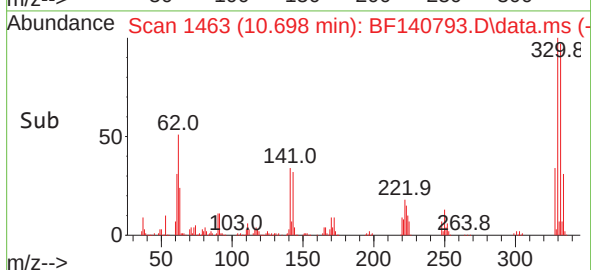
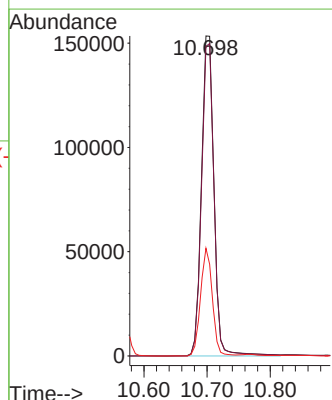
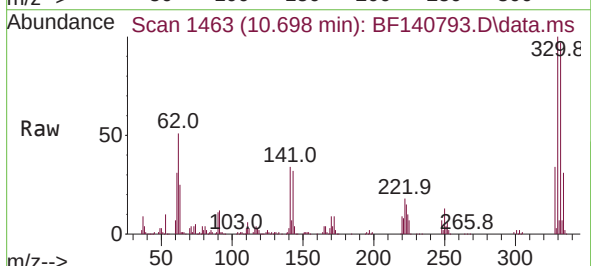
APPROVED

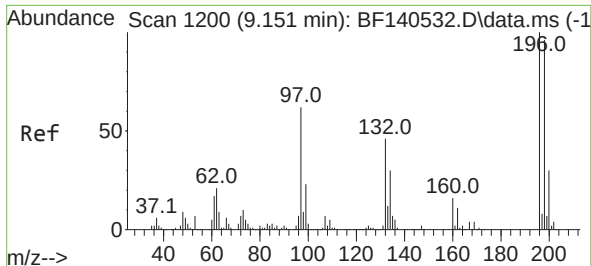
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 86.408 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:330 Resp: 211482
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 31.7 26.7 40.1





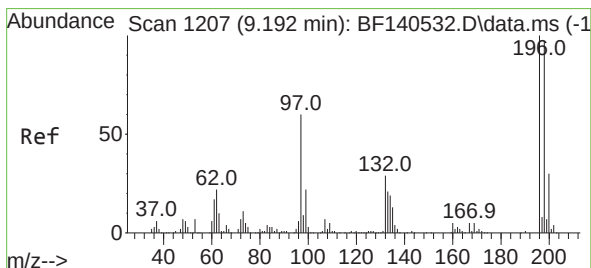
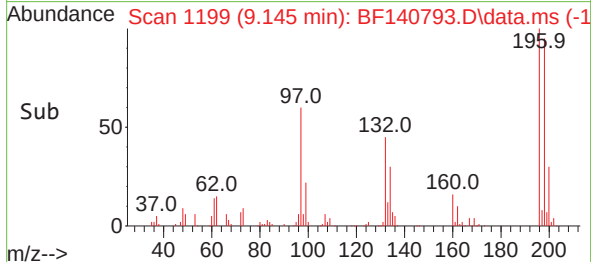
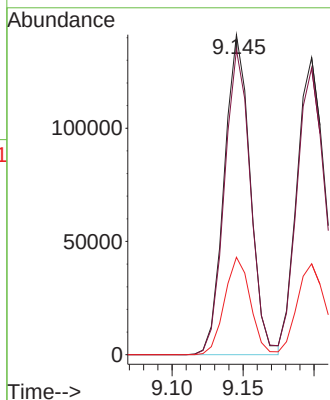
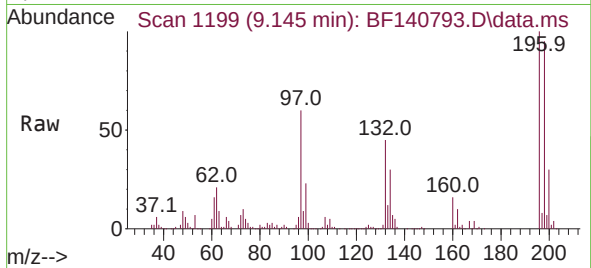
#43
2,4,6-Trichlorophenol
Concen: 42.701 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 179504
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
200 30.5 24.3 36.5

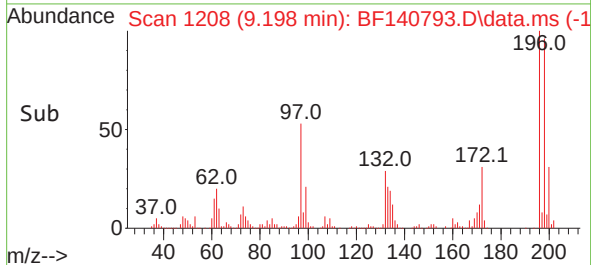
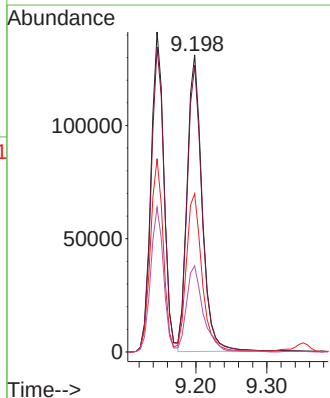
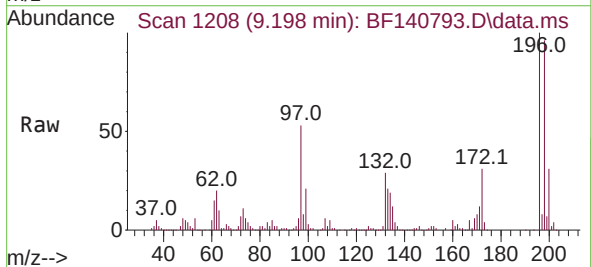
Manual Integrations
APPROVED

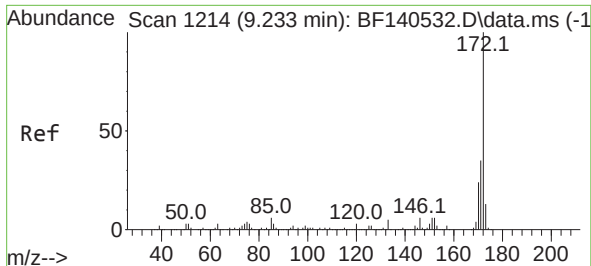
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#44
2,4,5-Trichlorophenol
Concen: 41.868 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:196 Resp: 191015
Ion Ratio Lower Upper
196 100
198 96.5 77.2 115.8
97 53.3 47.1 70.7
132 29.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 82.763 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140793.D

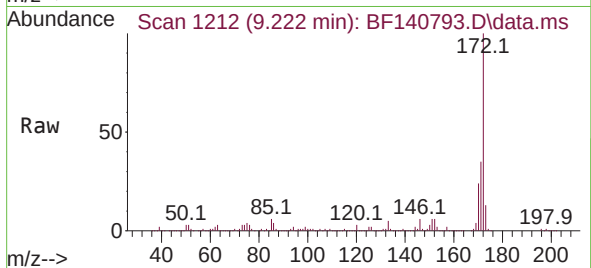
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:172 Resp: 127115

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

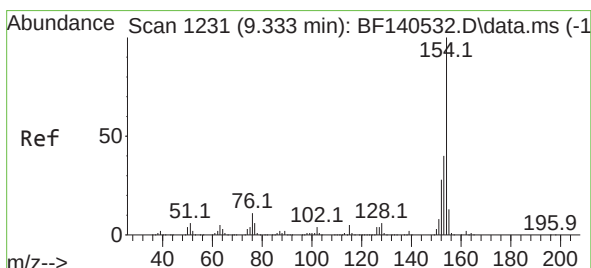
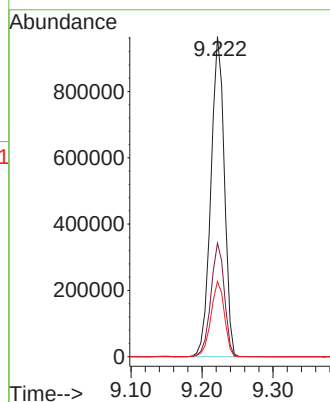
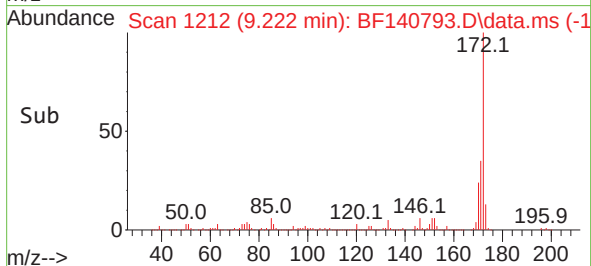
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 41.689 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

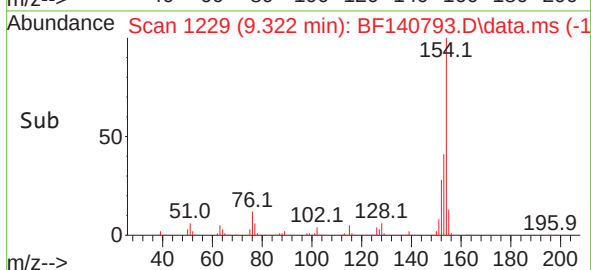
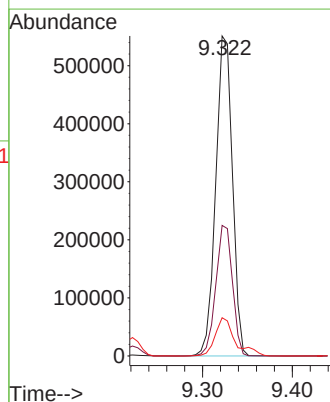
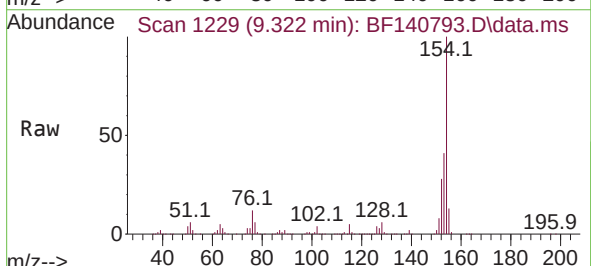
Tgt Ion:154 Resp: 712274

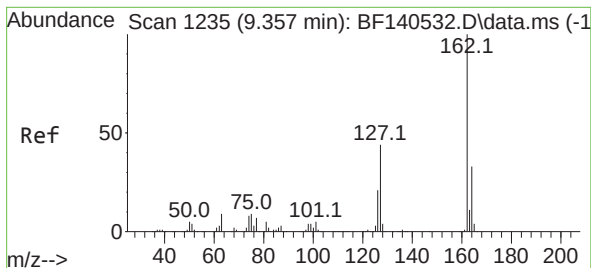
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 42.363 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 548428

Ion Ratio Lower Upper

162 100

127 43.2 35.7 53.5

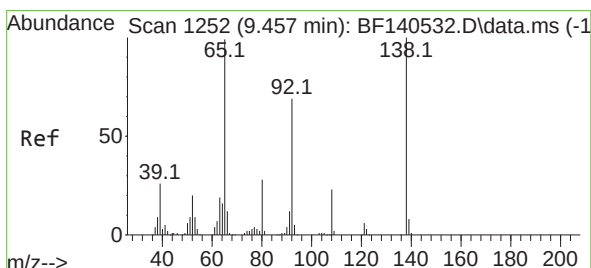
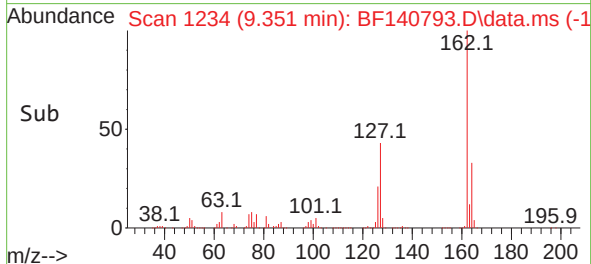
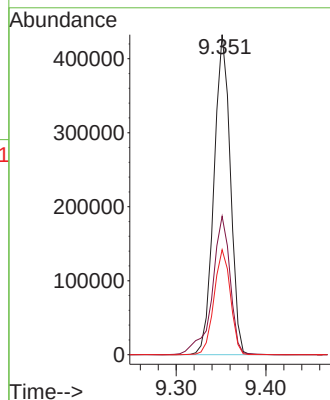
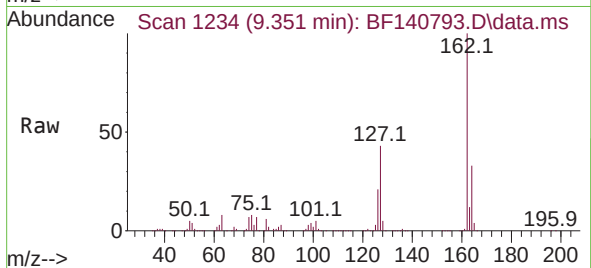
164 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 41.753 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

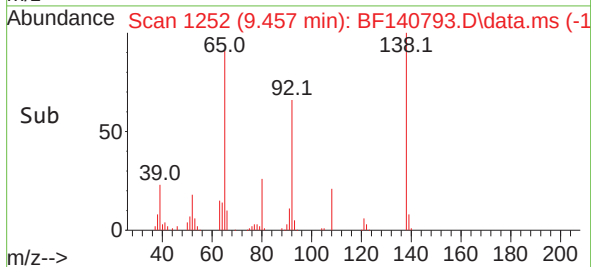
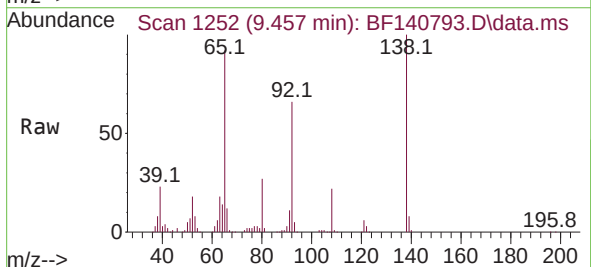
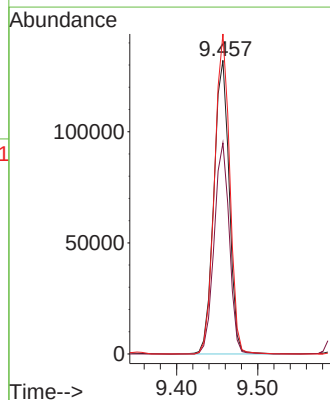
Tgt Ion: 65 Resp: 173500

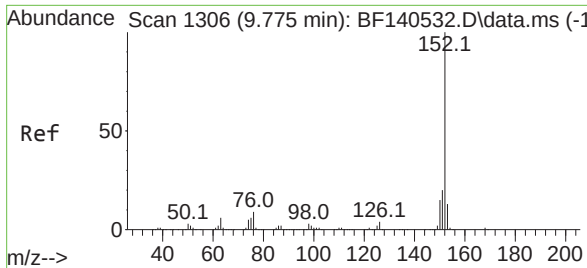
Ion Ratio Lower Upper

65 100

92 71.9 56.1 84.1

138 109.0 81.0 121.6





#49
Acenaphthylene
Concen: 41.049 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

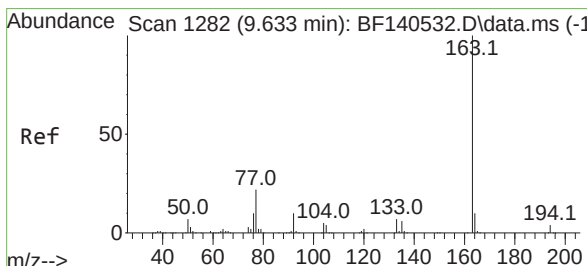
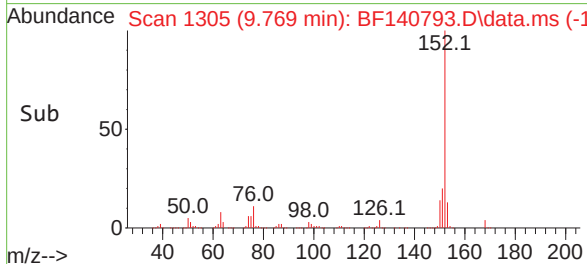
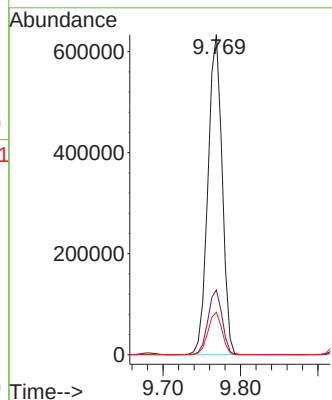
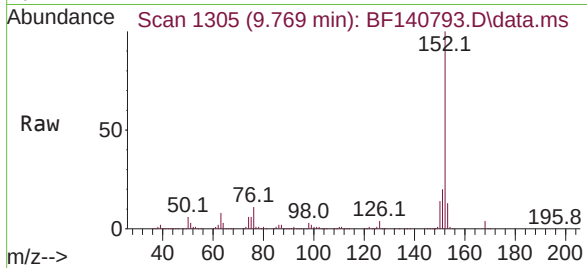
SSTDCCC040EC

Tgt Ion:152 Resp: 802935
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations

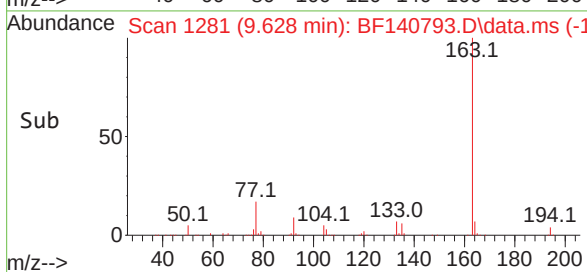
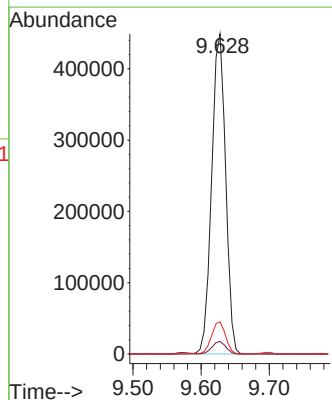
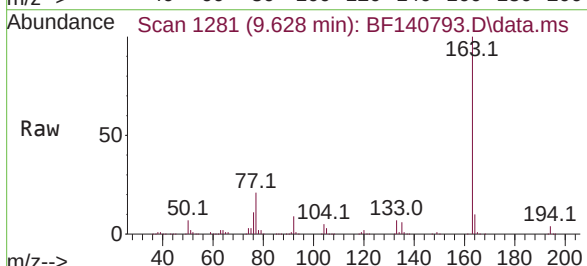
APPROVED

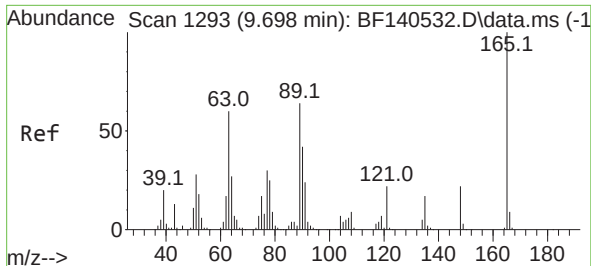
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#50
Dimethylphthalate
Concen: 42.443 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:163 Resp: 639675
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2





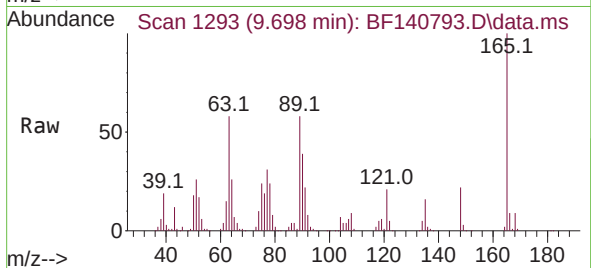
#51
2,6-Dinitrotoluene
Concen: 42.558 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



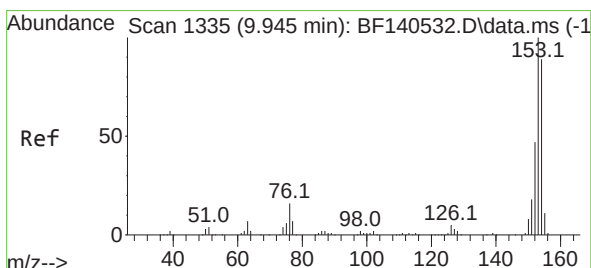
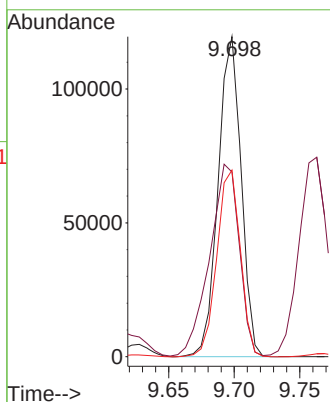
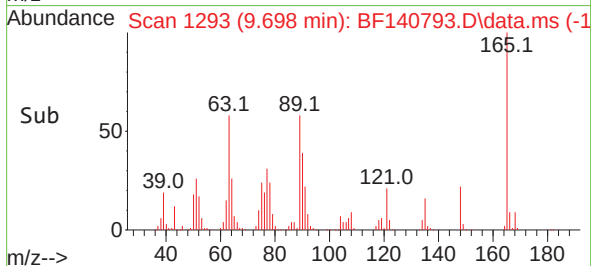
Tgt Ion:165 Resp: 145468
Ion Ratio Lower Upper
165 100
63 57.7 49.9 74.9
89 58.3 50.9 76.3

Manual Integrations

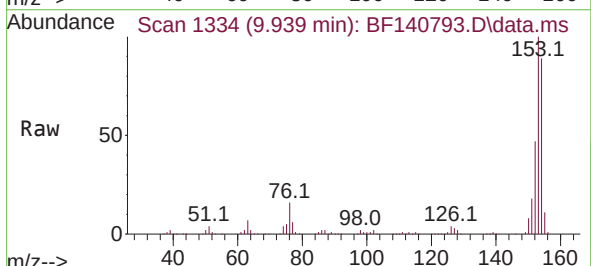
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

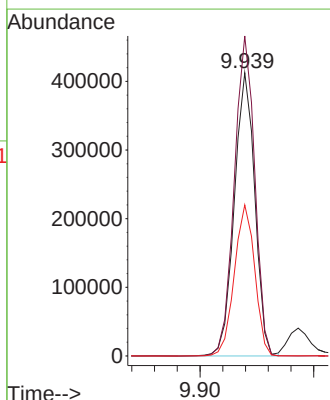
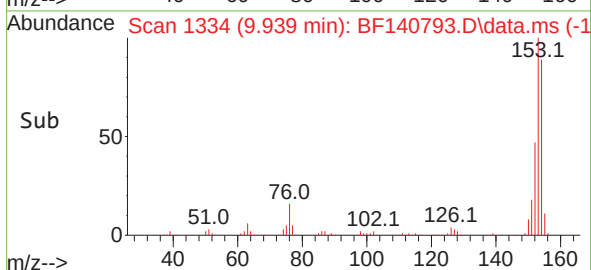
Supervised By :mohammad ahmed 12/12/2024

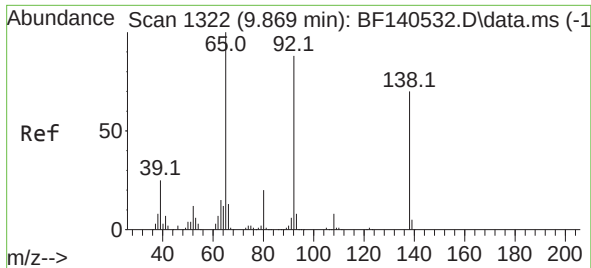


#52
Acenaphthene
Concen: 41.593 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:154 Resp: 516945
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.3 42.5 63.7





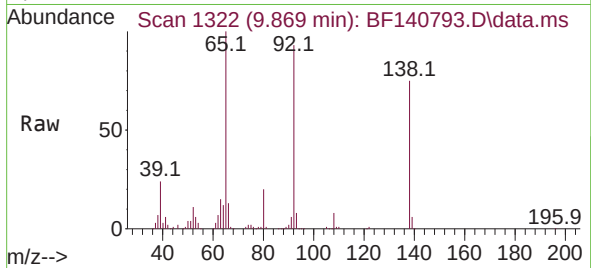
#53
3-Nitroaniline
Concen: 43.347 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



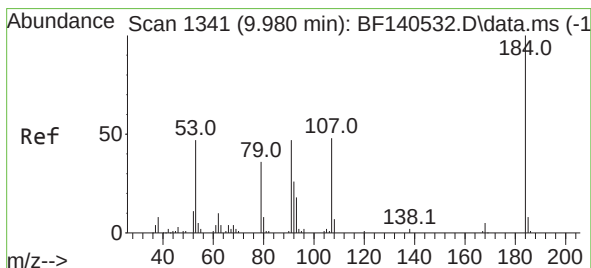
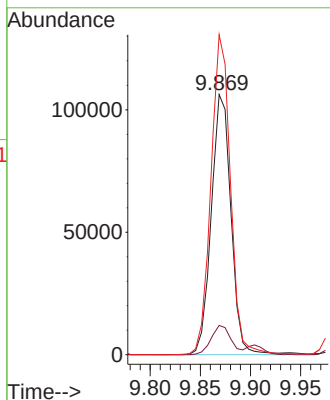
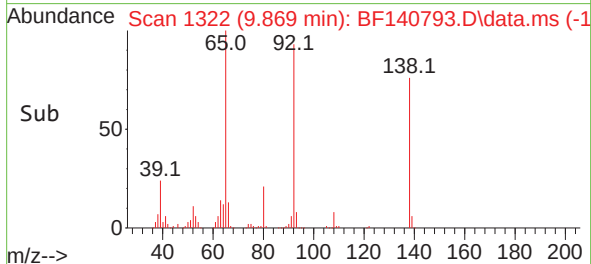
Tgt Ion:138 Resp: 144912
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 123.0 100.6 150.8

Manual Integrations

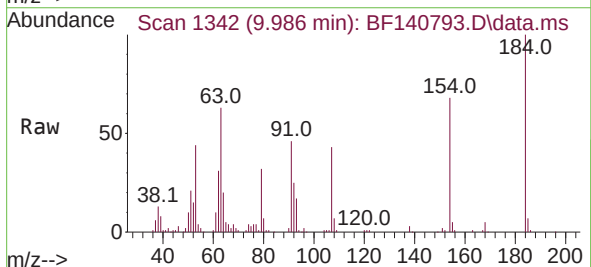
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

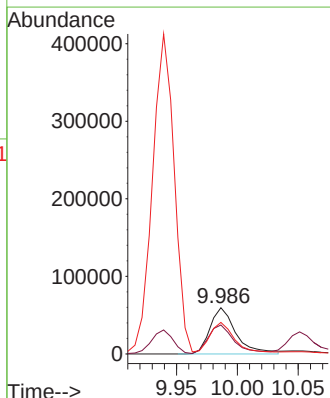
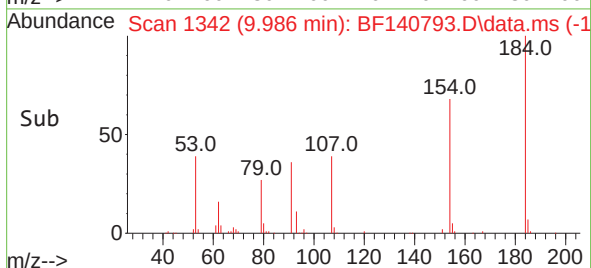
Supervised By :mohammad ahmed 12/12/2024

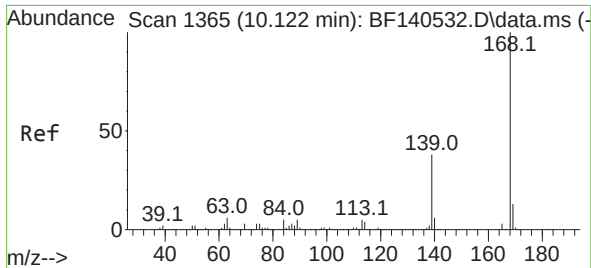


#54
2,4-Dinitrophenol
Concen: 53.002 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



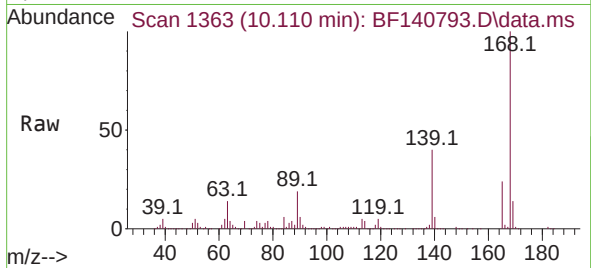
Tgt Ion:184 Resp: 88646
Ion Ratio Lower Upper
184 100
63 62.8 54.1 81.1
154 68.3 57.4 86.0





#55
Dibenzenofuran
Concen: 41.305 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

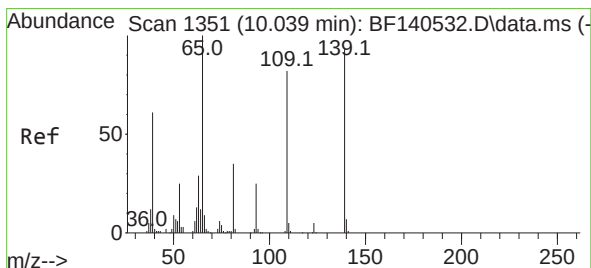
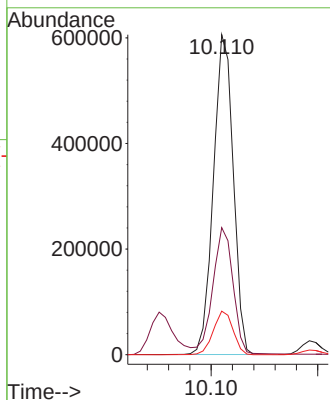
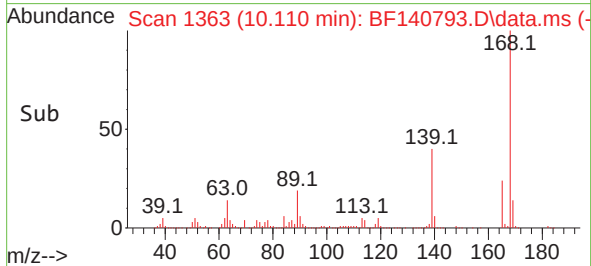
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 783038
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.6 10.5 15.7

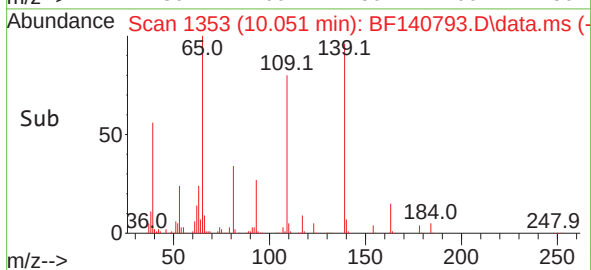
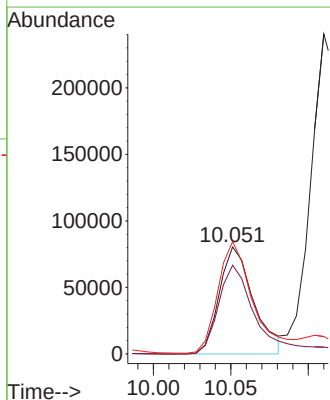
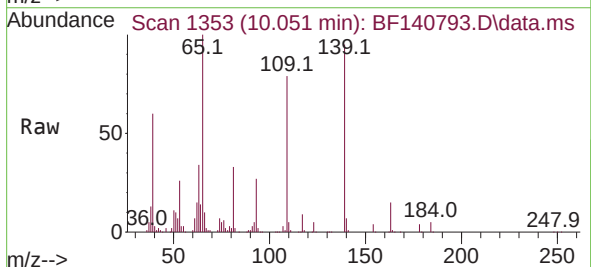
Manual Integrations
APPROVED

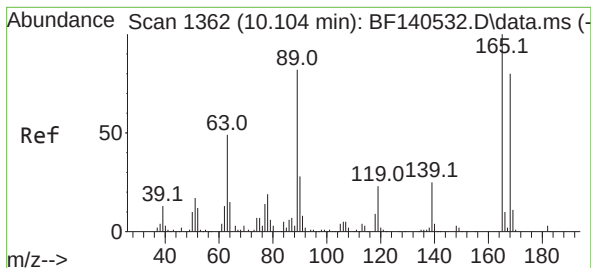
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 54.099 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:139 Resp: 123343
Ion Ratio Lower Upper
139 100
109 82.9 68.4 108.4
65 104.9 88.6 128.6





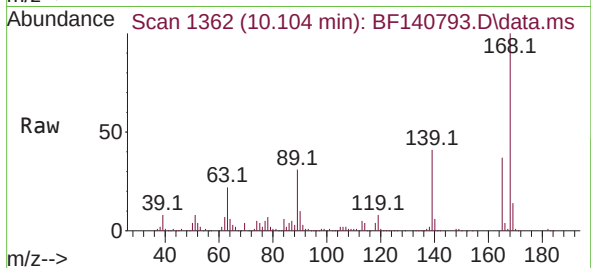
#57
2,4-Dinitrotoluene
Concen: 43.570 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



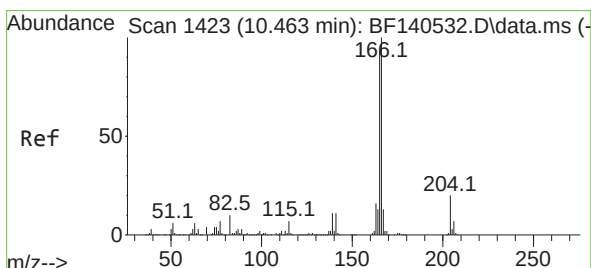
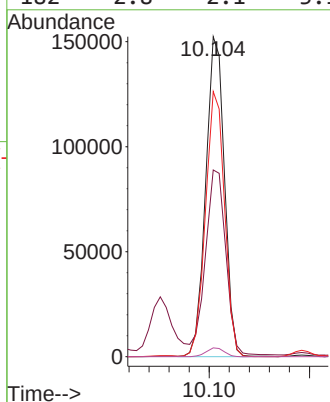
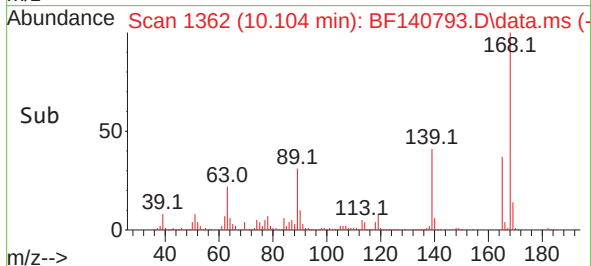
Tgt Ion:165 Resp: 197930
Ion Ratio Lower Upper
165 100
63 58.3 41.7 62.5
89 82.8 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations

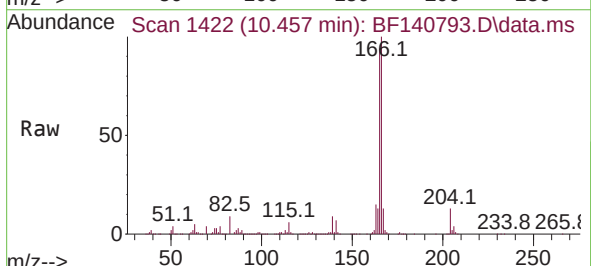
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

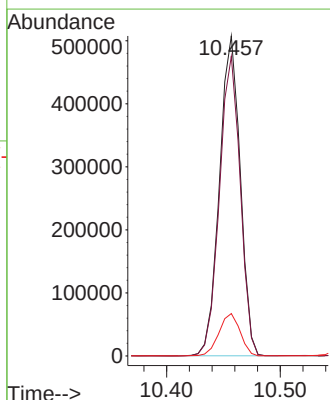
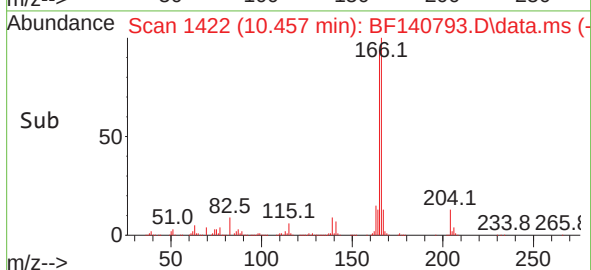
Supervised By :mohammad ahmed 12/12/2024

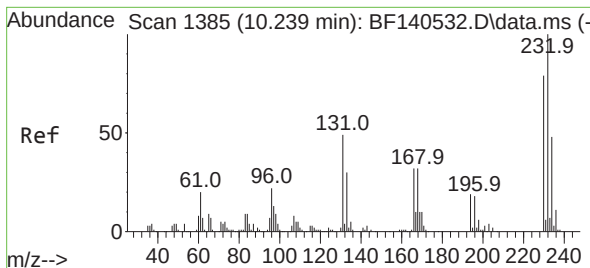


#58
Fluorene
Concen: 42.340 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



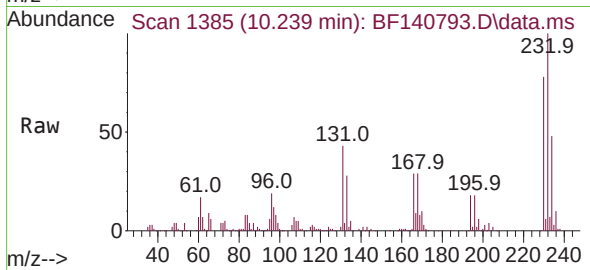
Tgt Ion:166 Resp: 644283
Ion Ratio Lower Upper
166 100
165 93.6 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.479 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

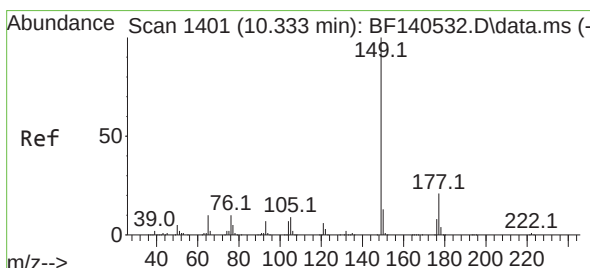
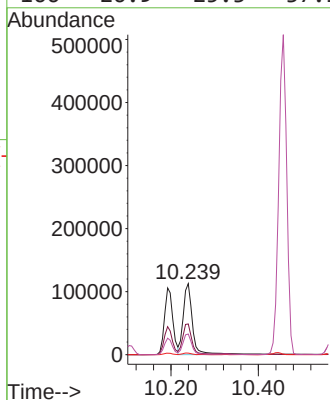
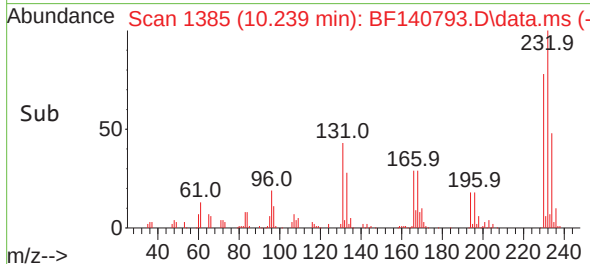
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



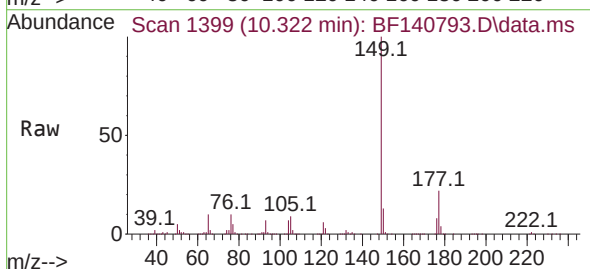
Tgt Ion:232 Resp: 162968
Ion Ratio Lower Upper
232 100
131 42.7 39.6 59.4
130 2.3 1.9 2.9
166 26.9 25.3 37.9

Manual Integrations
APPROVED

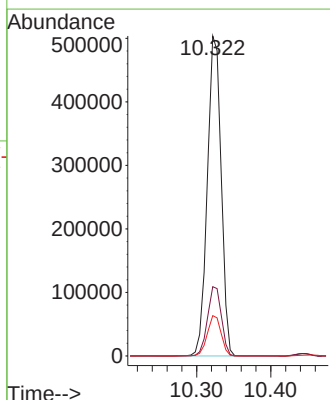
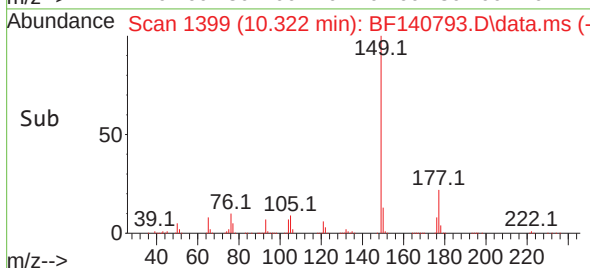
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

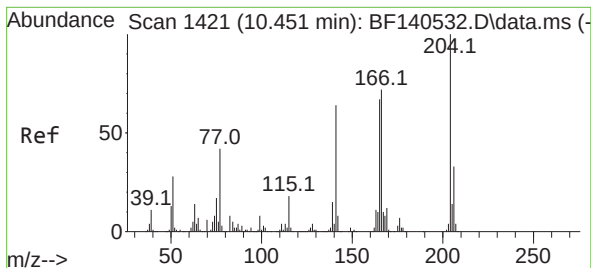


#60
Diethylphthalate
Concen: 42.578 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



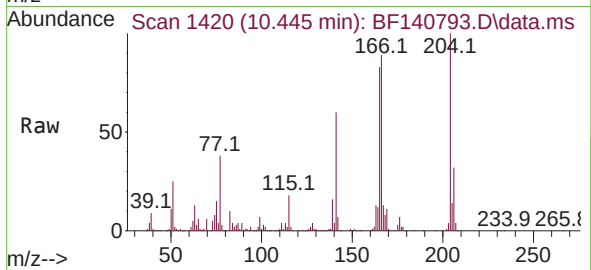
Tgt Ion:149 Resp: 651981
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.176 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

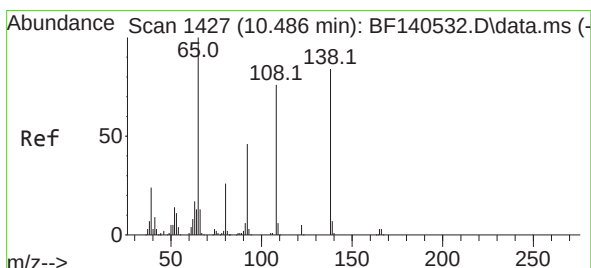
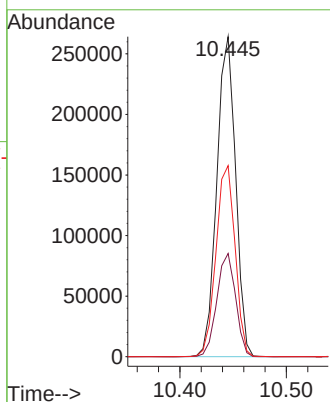
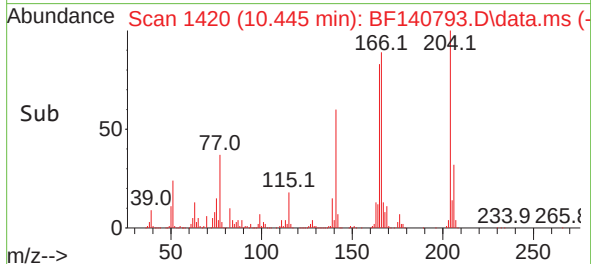
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 322425
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 59.7 51.1 76.7

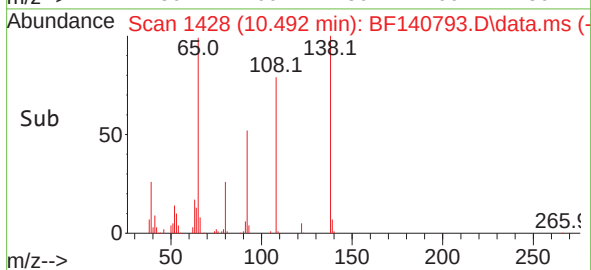
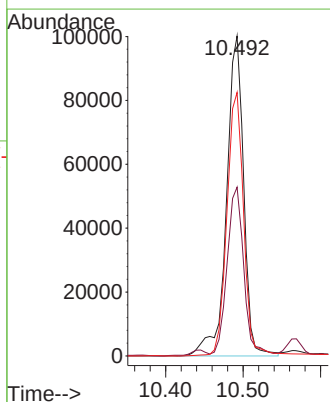
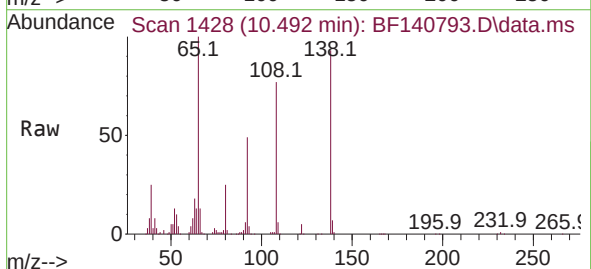
Manual Integrations
APPROVED

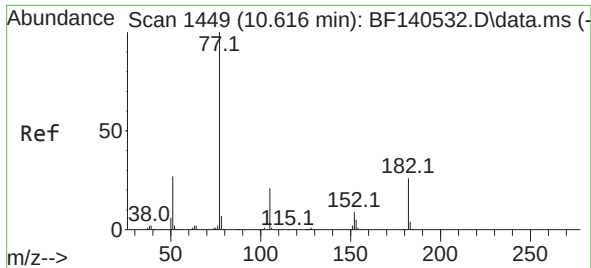
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 43.997 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

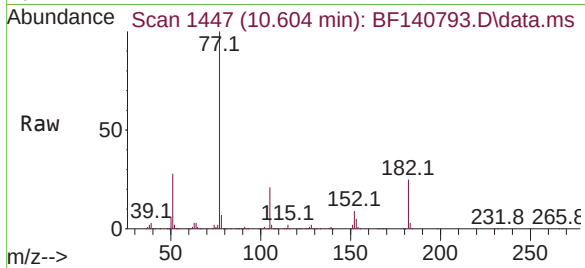
Tgt Ion:138 Resp: 154265
Ion Ratio Lower Upper
138 100
92 52.7 34.5 74.5
108 82.4 70.6 110.6





#63
Azobenzene
Concen: 41.754 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

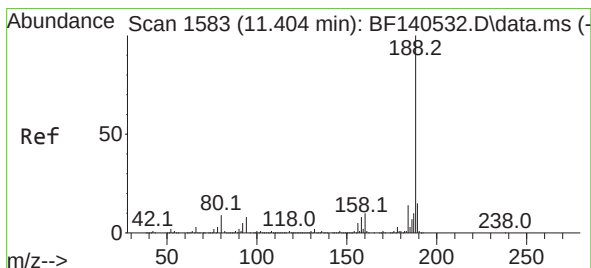
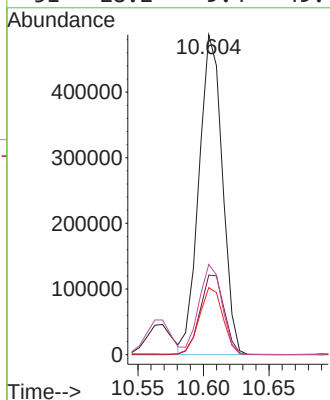
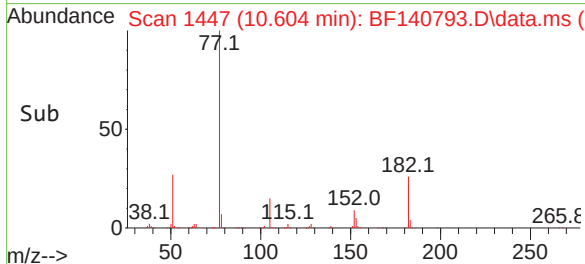
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 605475
Ion Ratio Lower Upper
77 100
182 24.8 5.3 45.3
105 20.9 0.3 40.3
51 28.2 9.4 49.4

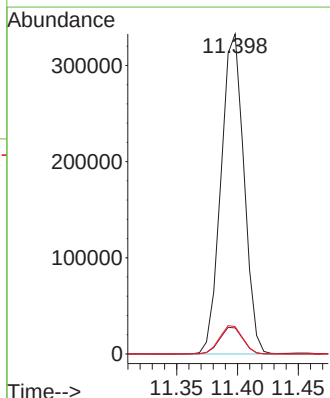
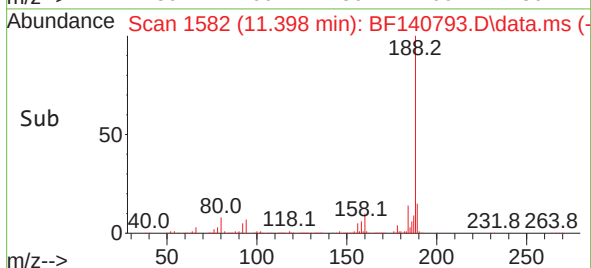
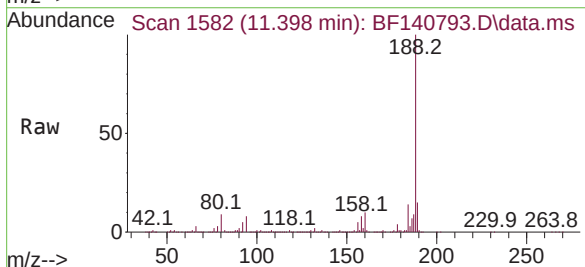
Manual Integrations
APPROVED

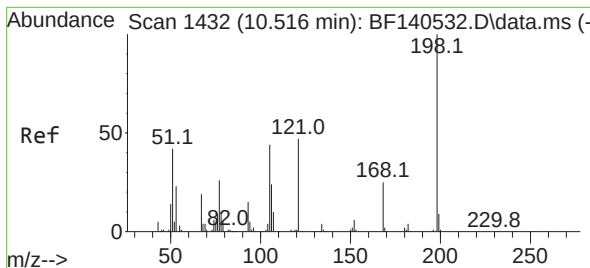
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:188 Resp: 436884
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 49.160 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

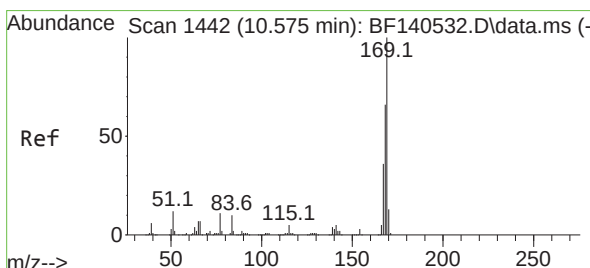
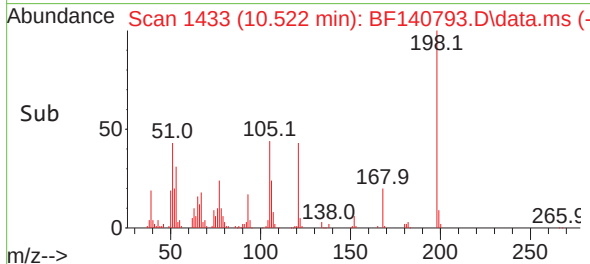
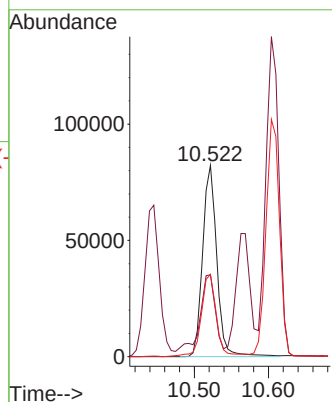
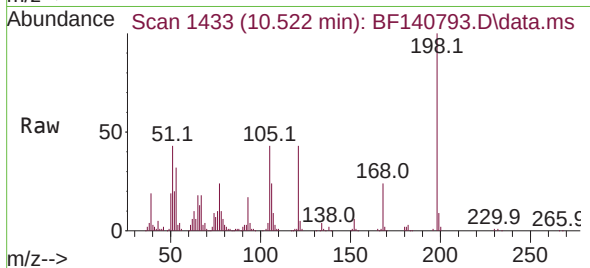
SSTDCCC040EC

Tgt Ion:198 Resp: 109749
Ion Ratio Lower Upper
198 100
51 42.8 29.4 69.4
105 43.1 25.4 65.4

Manual Integrations

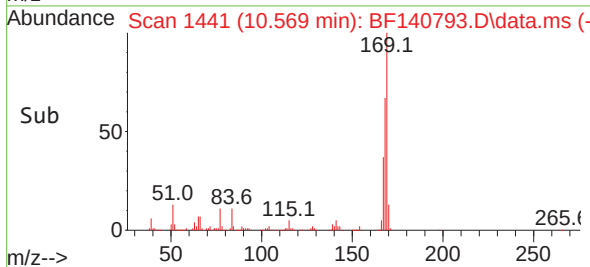
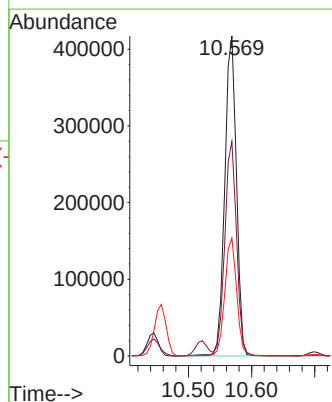
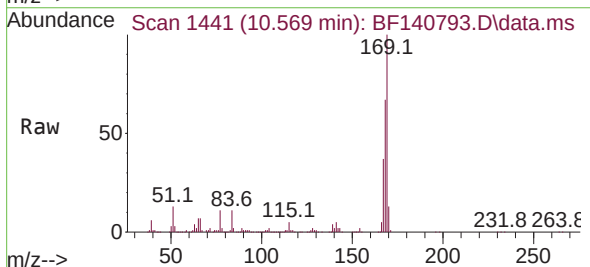
APPROVED

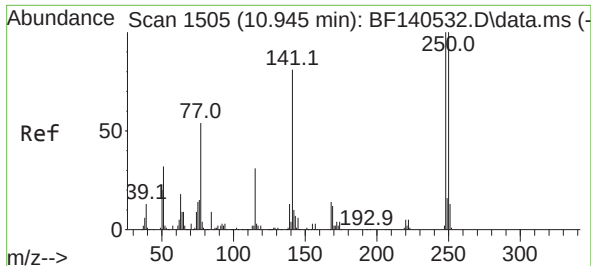
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 41.343 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:169 Resp: 534148
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.9 29.0 43.6





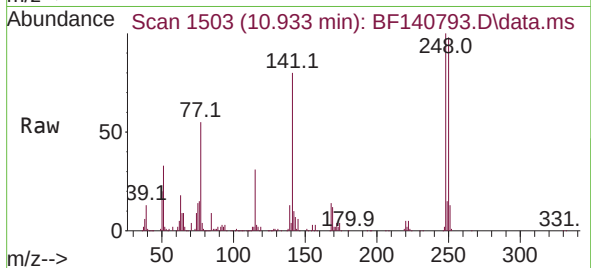
#67
4-Bromophenyl-phenylether
Concen: 42.498 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

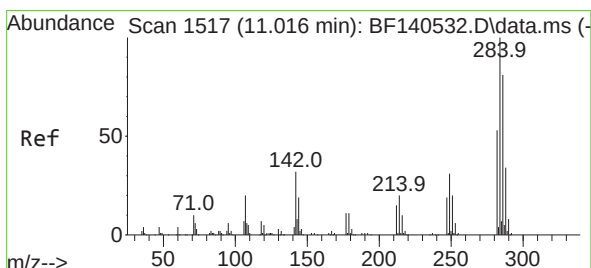
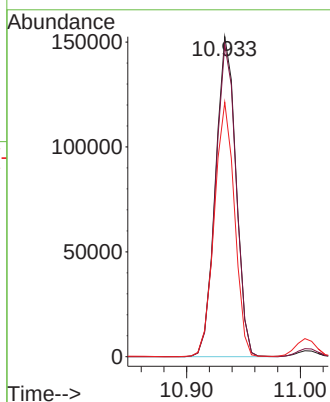
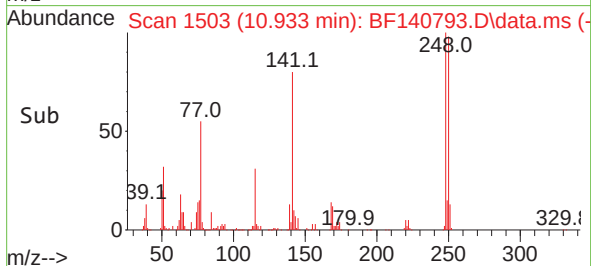


Tgt Ion:248 Resp: 191210
Ion Ratio Lower Upper
248 100
250 97.6 79.8 119.8
141 79.5 64.7 97.1

Manual Integrations

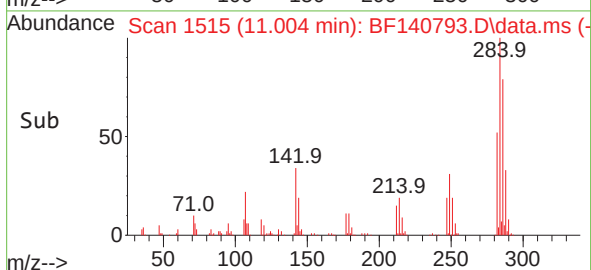
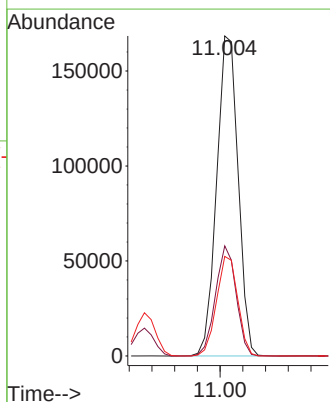
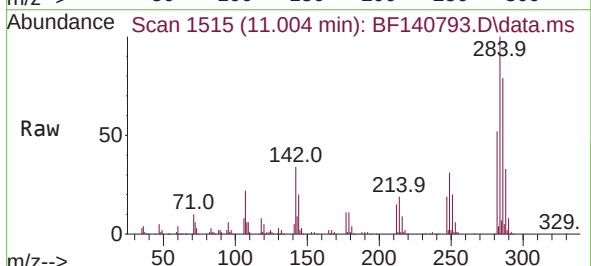
APPROVED

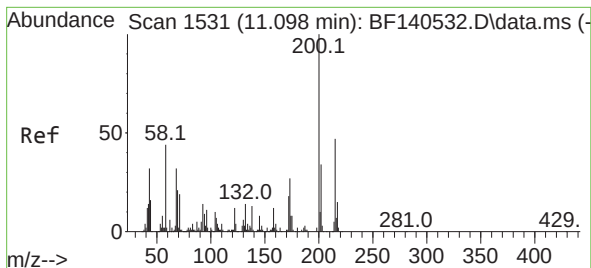
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 42.445 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:284 Resp: 221124
Ion Ratio Lower Upper
284 100
142 34.4 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 34.295 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140793.D

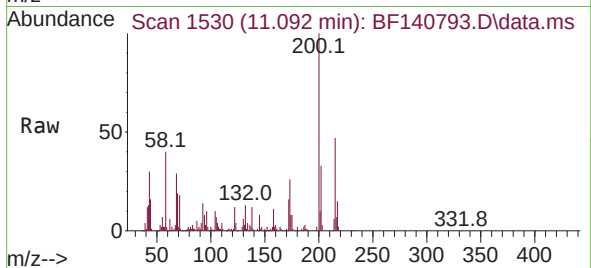
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:200 Resp: 124649

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

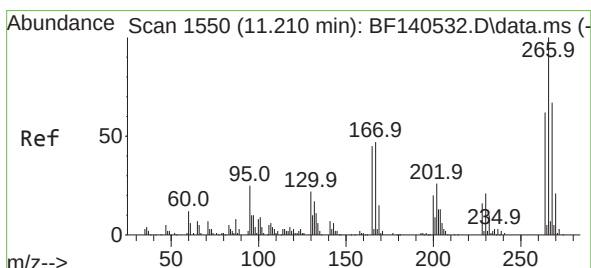
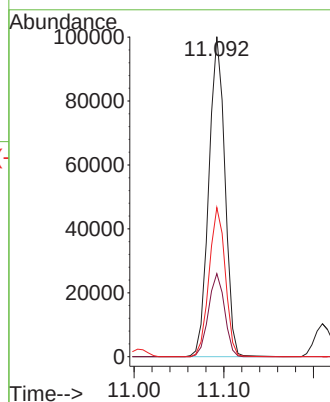
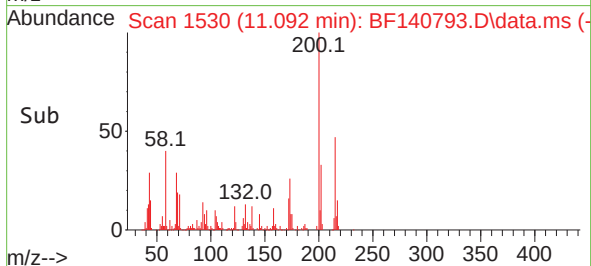
215 46.6 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 37.985 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

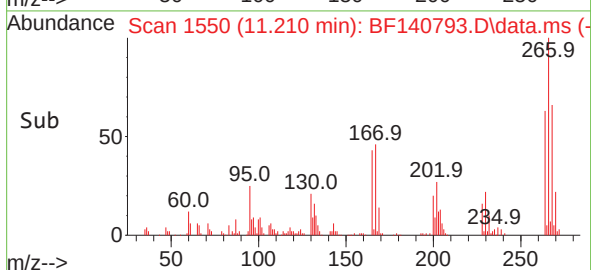
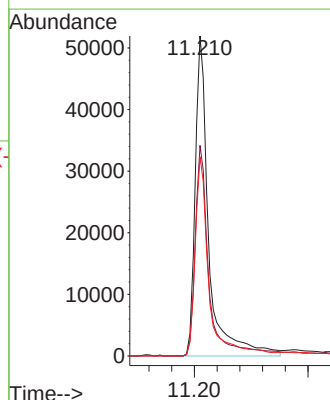
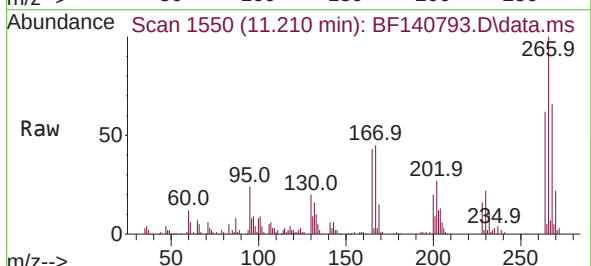
Tgt Ion:266 Resp: 87095

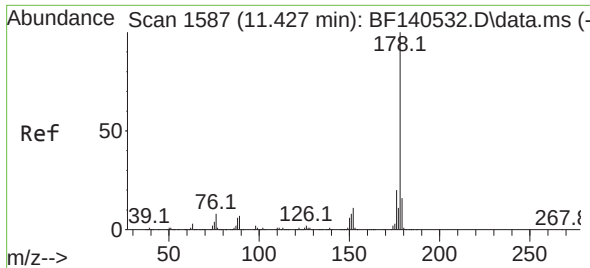
Ion Ratio Lower Upper

266 100

268 65.8 53.7 80.5

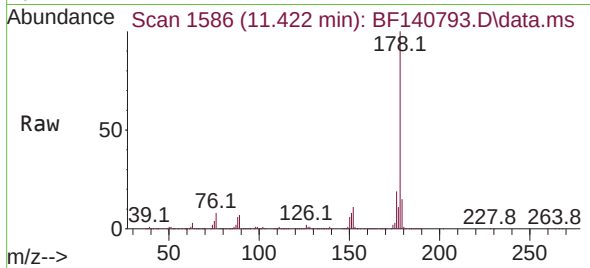
264 62.3 49.8 74.8





#71
Phenanthrene
Concen: 41.475 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

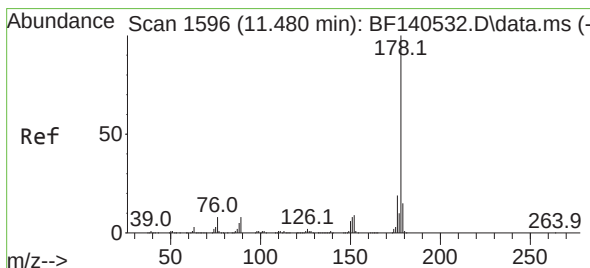
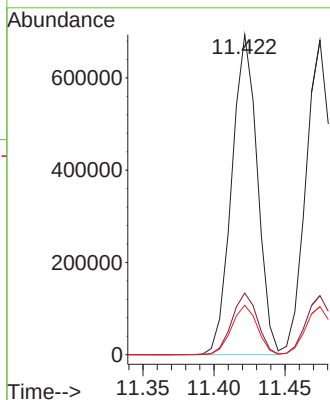
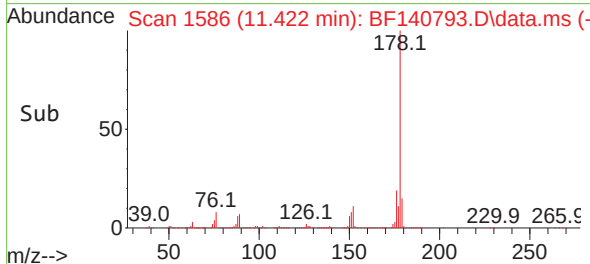
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



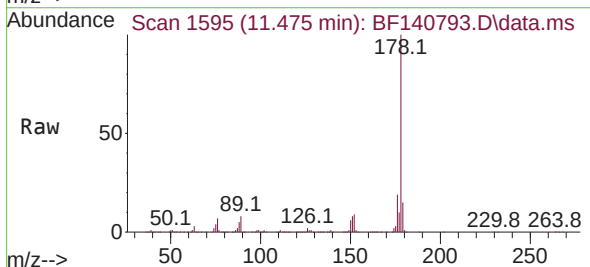
Tgt Ion:178 Resp: 871000
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.5 12.4 18.6

Manual Integrations
APPROVED

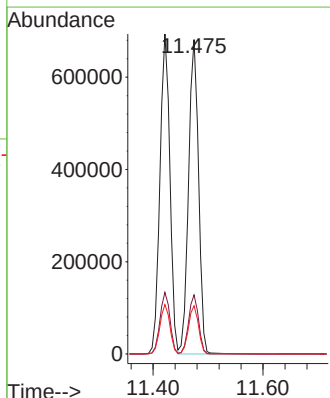
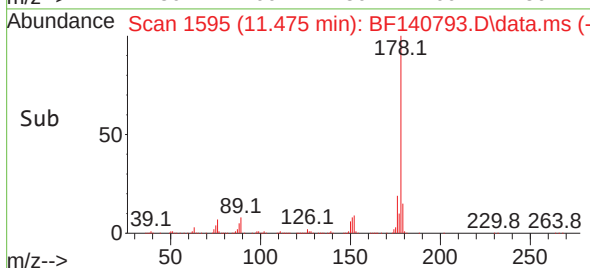
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

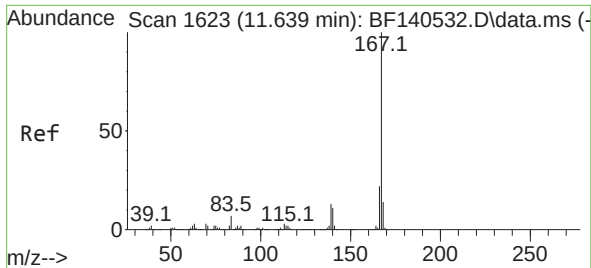


#72
Anthracene
Concen: 41.788 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



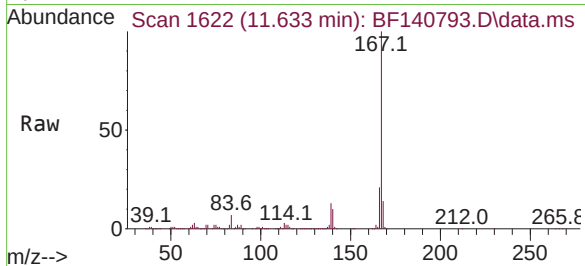
Tgt Ion:178 Resp: 858438
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





#73
Carbazole
Concen: 41.957 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

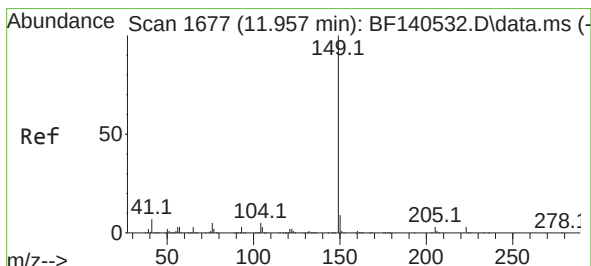
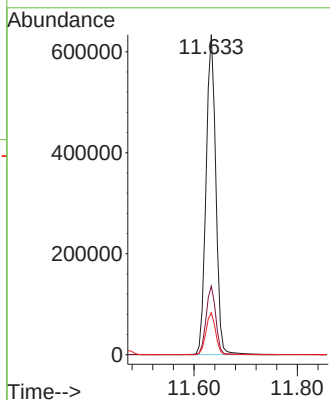
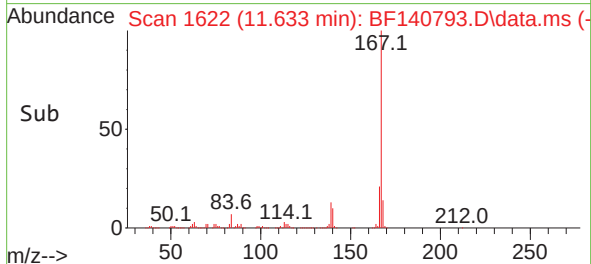
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



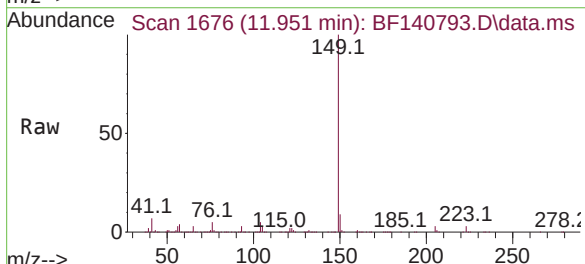
Tgt Ion:167 Resp: 82916
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.1 10.6 15.8

Manual Integrations
APPROVED

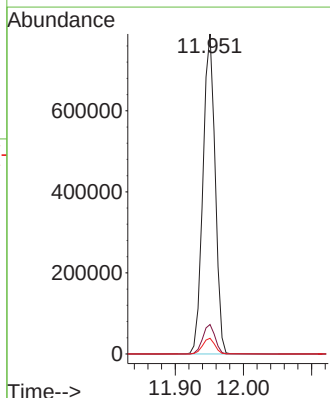
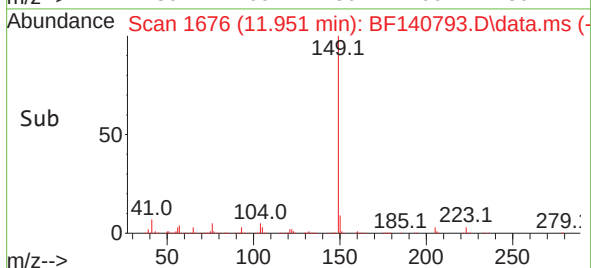
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

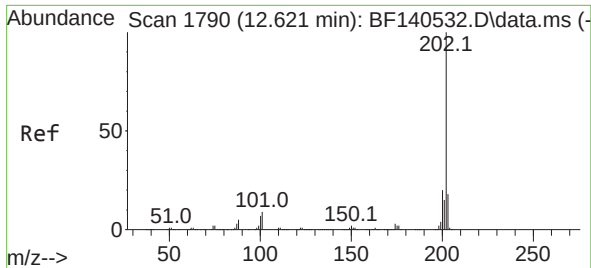


#74
Di-n-butylphthalate
Concen: 42.988 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:149 Resp: 980776
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 4.1 6.1





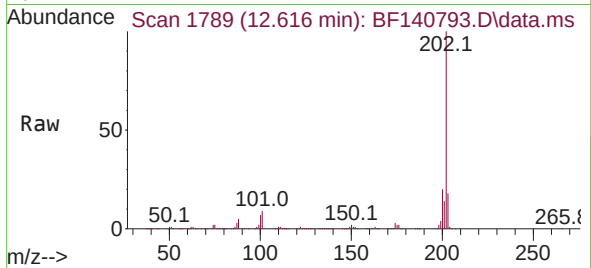
#75
Fluoranthene
Concen: 42.260 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



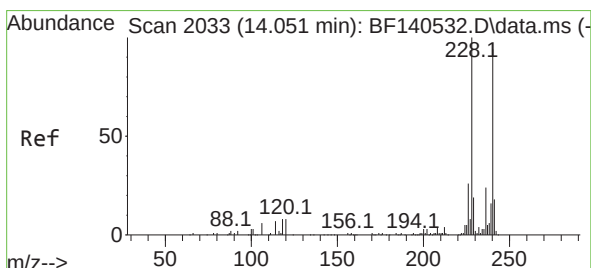
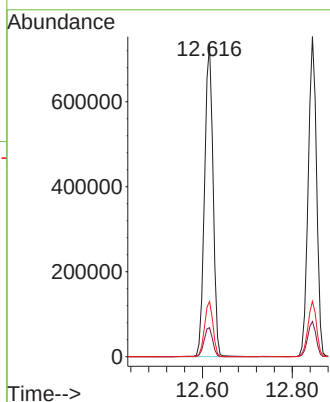
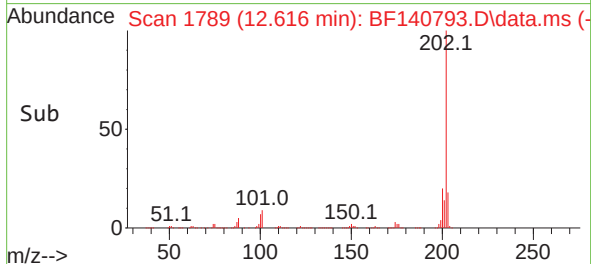
Tgt Ion:202 Resp: 96358
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.7 0.0 37.6

Manual Integrations

APPROVED

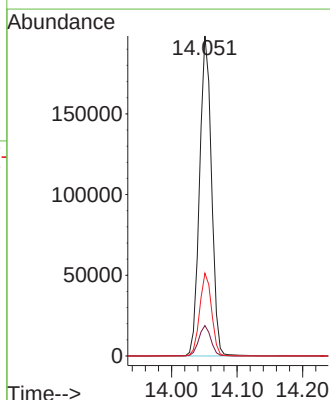
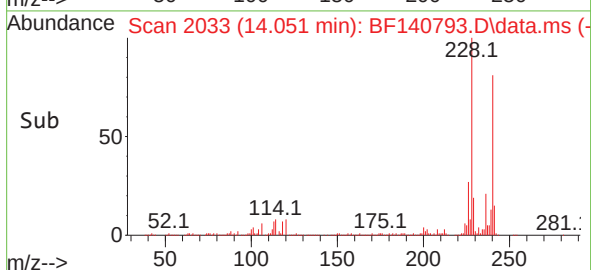
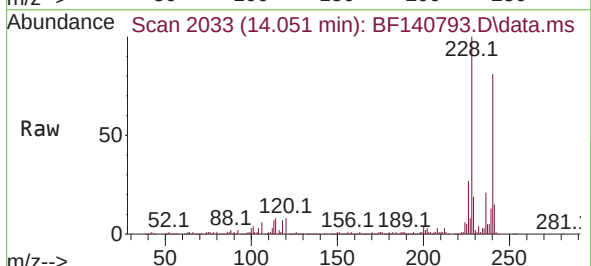
Reviewed By :Yogesh Patel 12/11/2024

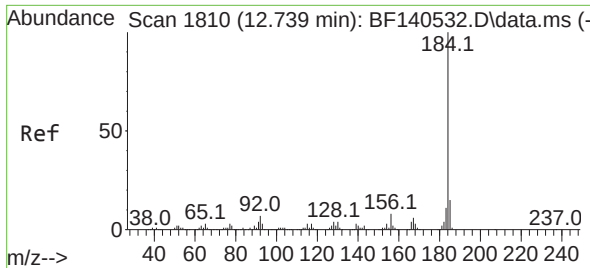
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

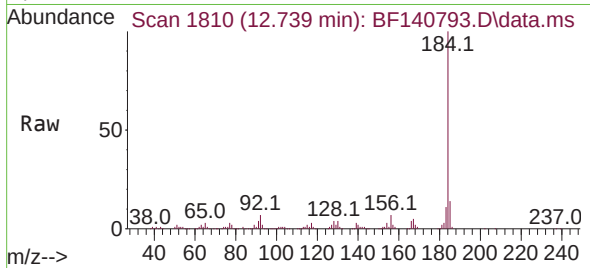
Tgt Ion:240 Resp: 251461
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.9 20.6 31.0





#77
Benzidine
Concen: 30.153 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

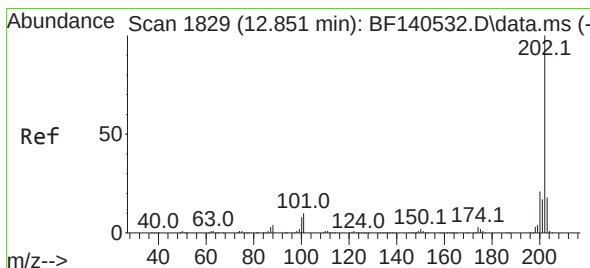
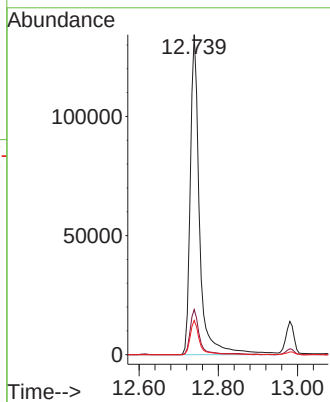
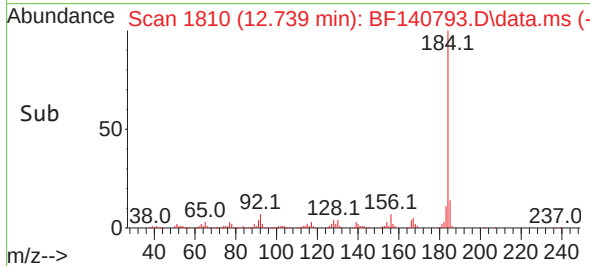
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



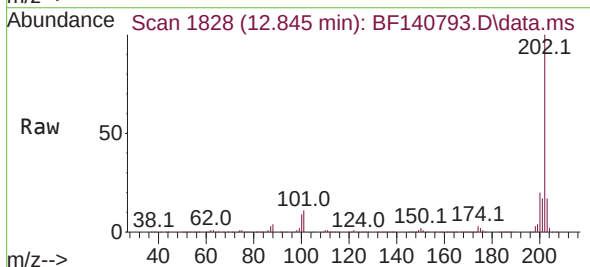
Tgt Ion:184 Resp: 22045
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.7 8.8 13.2

Manual Integrations
APPROVED

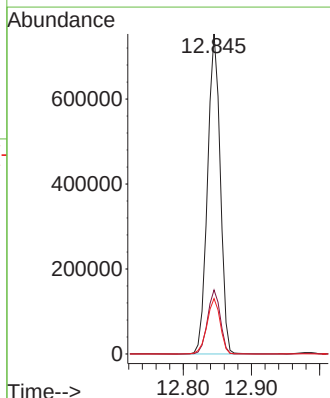
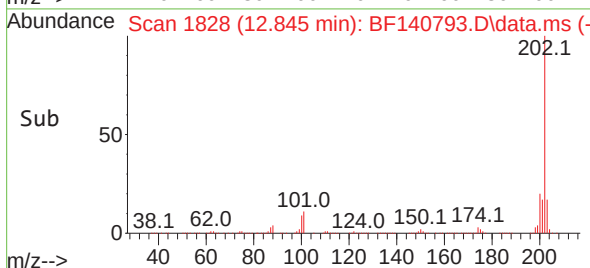
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

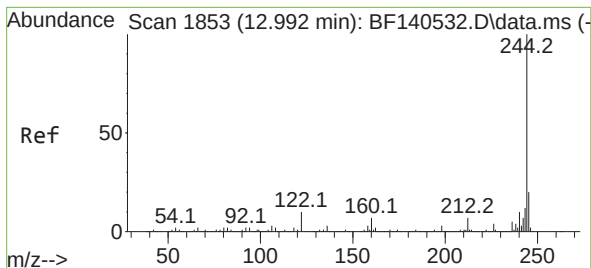


#78
Pyrene
Concen: 41.926 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:202 Resp: 974808
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 83.016 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140793.D

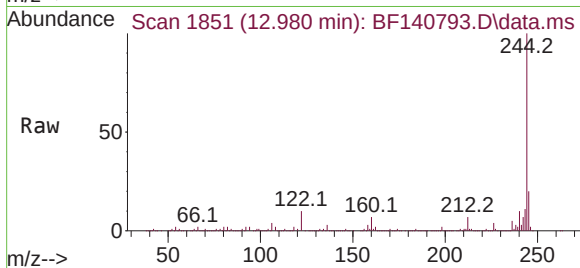
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:244 Resp: 134062

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

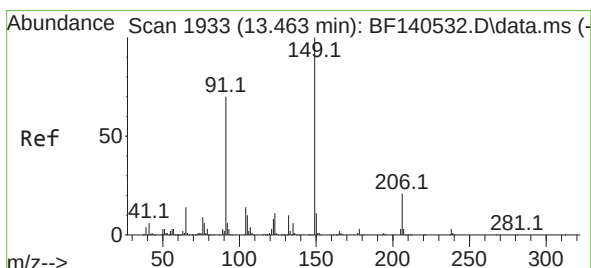
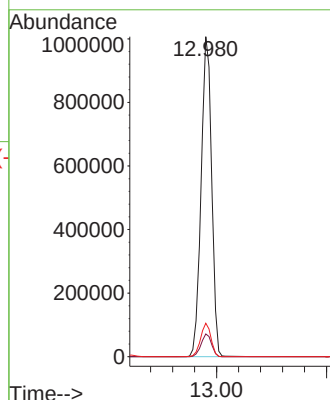
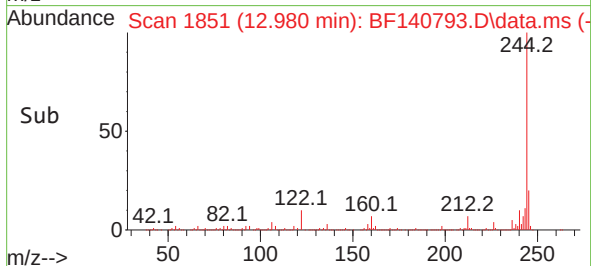
122 10.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 40.788 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

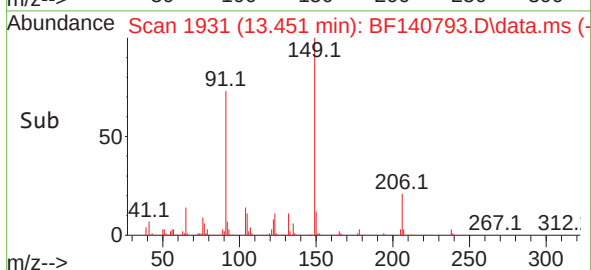
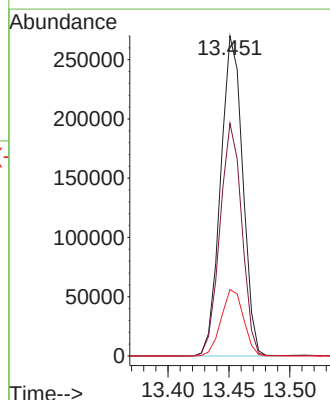
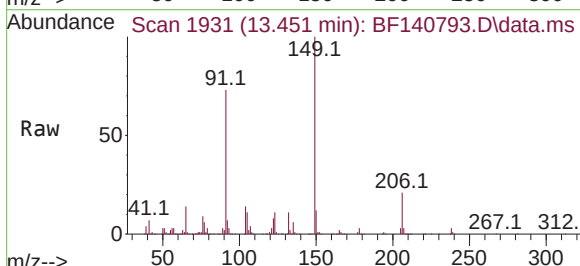
Tgt Ion:149 Resp: 341631

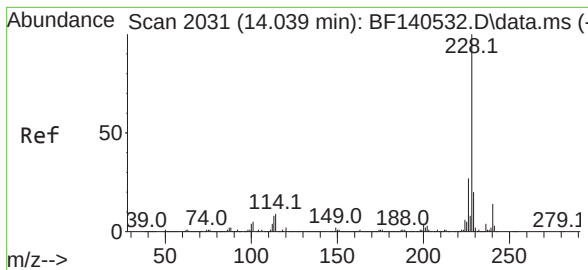
Ion Ratio Lower Upper

149 100

91 72.7 56.2 84.2

206 20.7 16.4 24.6





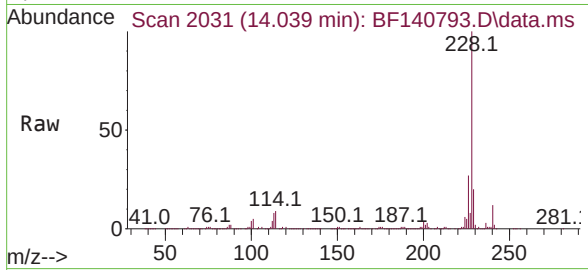
#81
Benzo(a)anthracene
Concen: 43.394 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



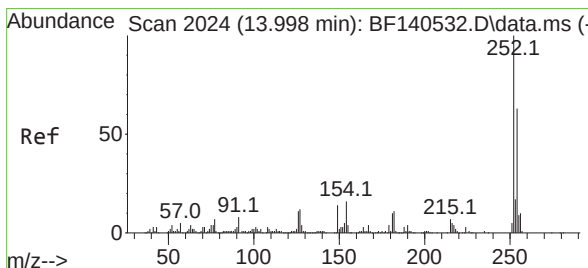
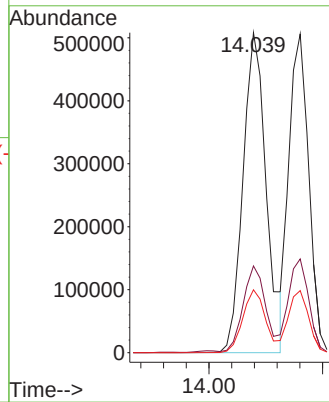
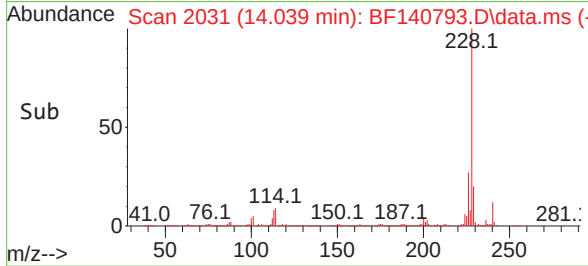
Tgt Ion:228 Resp: 722318
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

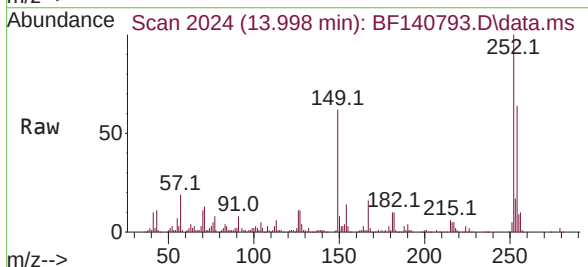
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

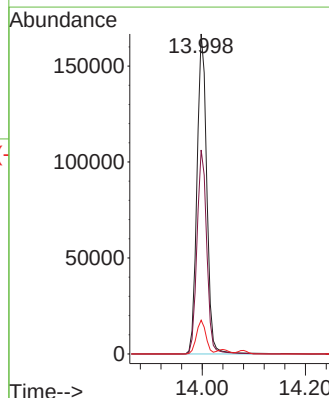
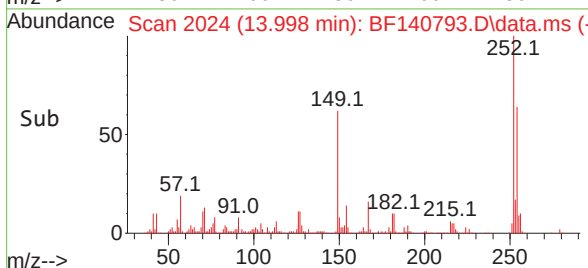
Supervised By :mohammad ahmed 12/12/2024

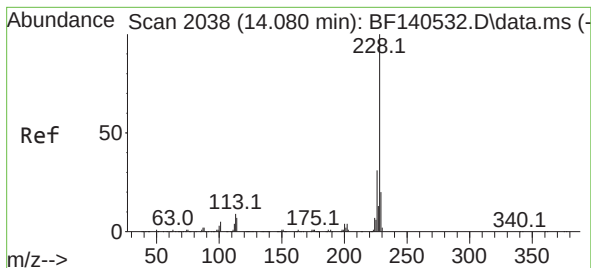


#82
3,3'-Dichlorobenzidine
Concen: 43.822 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:252 Resp: 219006
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 10.6 8.6 13.0





#83

Chrysene

Concen: 40.226 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

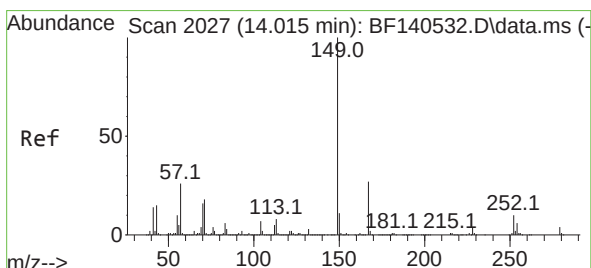
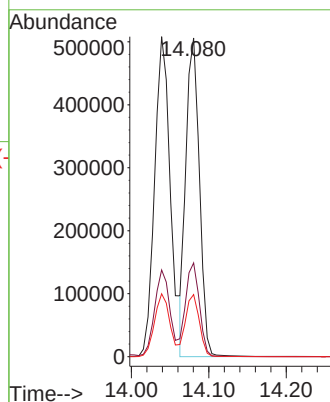
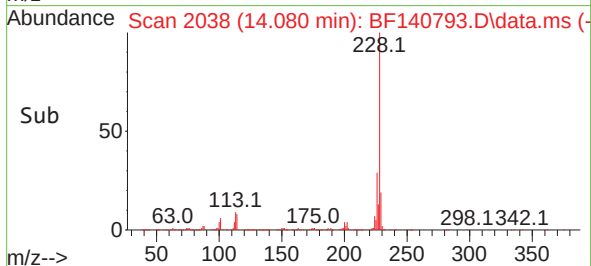
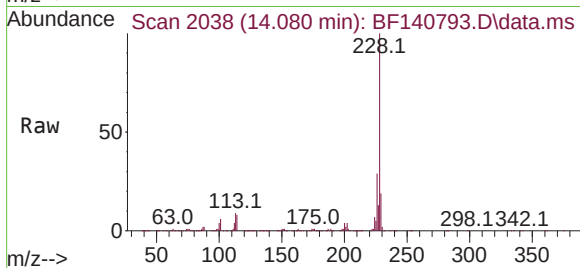
Tgt Ion:	228	Resp:	61226
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.4	36.6
229	19.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.273 ng

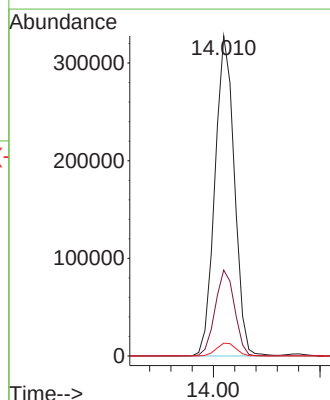
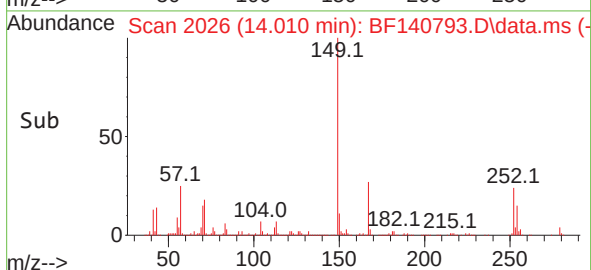
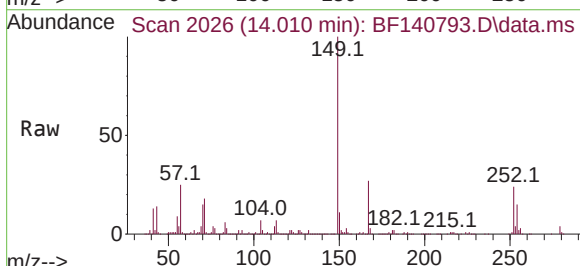
RT: 14.010 min Scan# 2026

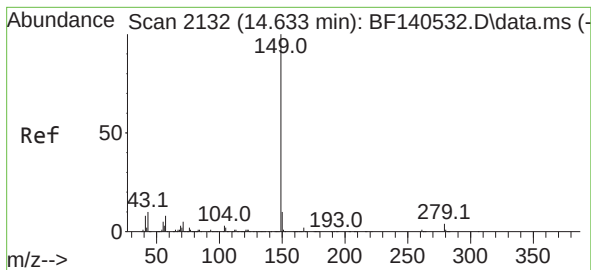
Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:	149	Resp:	415362
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.2	31.8
279	4.0	3.2	4.8





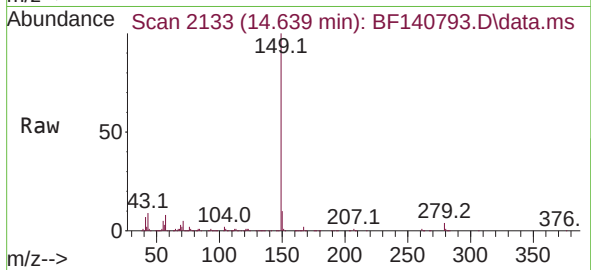
#85
Di-n-octyl phthalate
Concen: 43.349 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



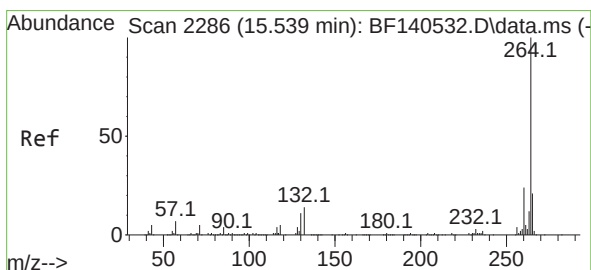
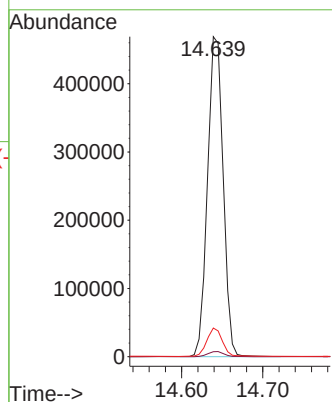
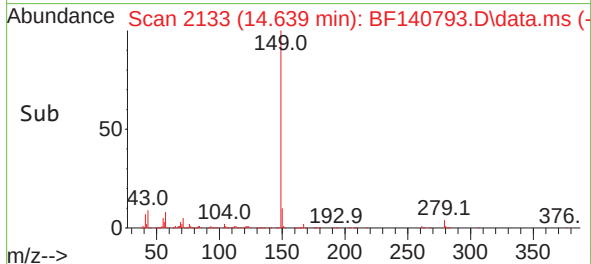
Tgt Ion:149 Resp: 626554
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 7.7 11.5

Manual Integrations

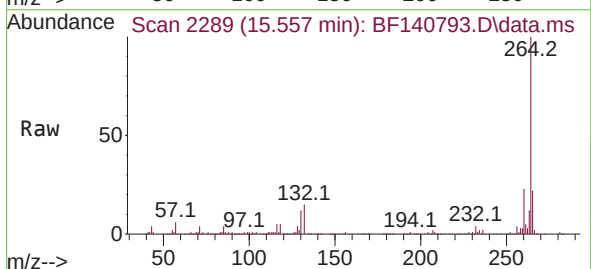
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

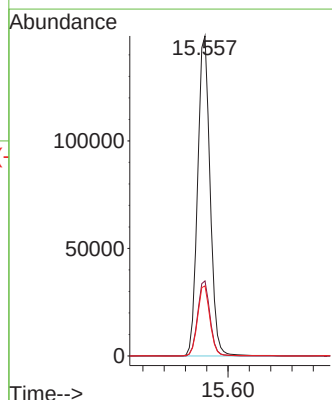
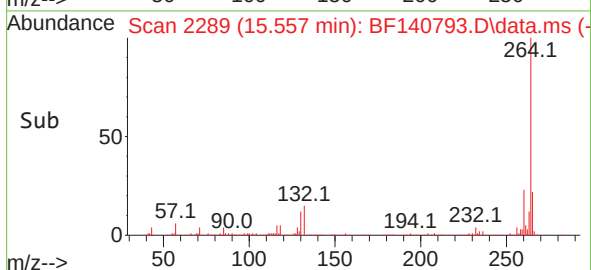
Supervised By :mohammad ahmed 12/12/2024

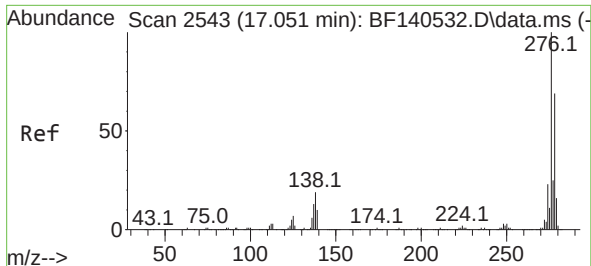


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:264 Resp: 241288
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.9 16.6 25.0





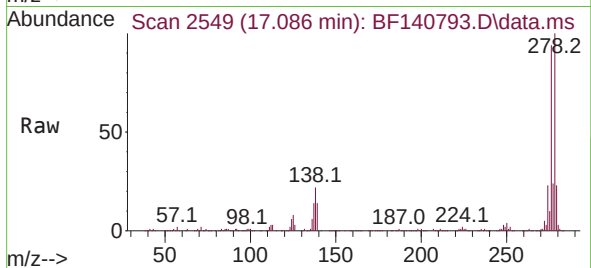
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.579 ng
 RT: 17.086 min Scan# 2114
 Delta R.T. 0.035 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



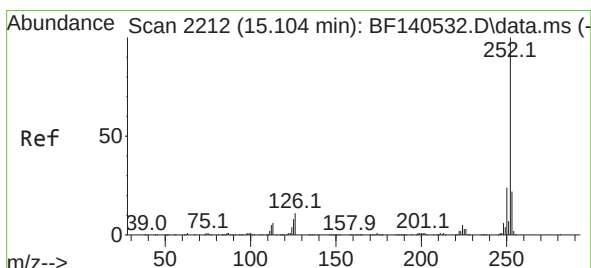
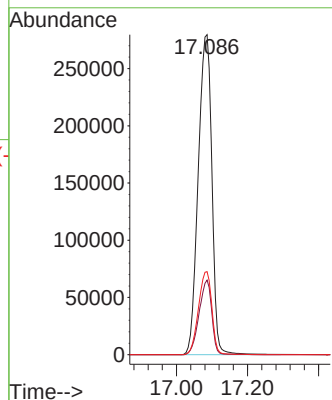
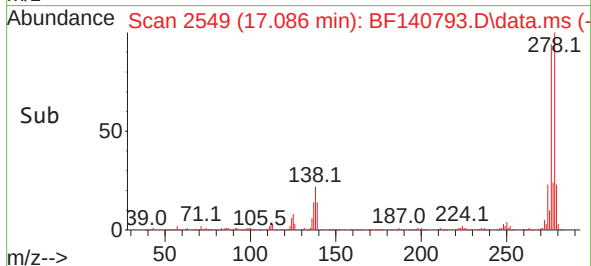
Tgt Ion:276 Resp: 74815
 Ion Ratio Lower Upper
 276 100
 138 21.6 15.5 23.3
 277 25.4 20.1 30.1

Manual Integrations

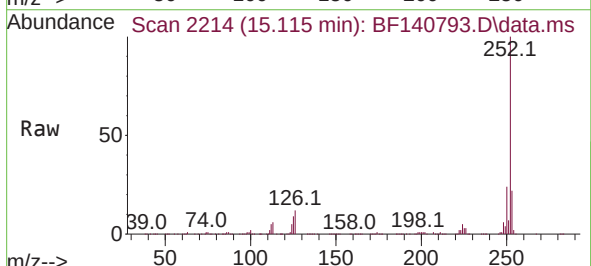
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

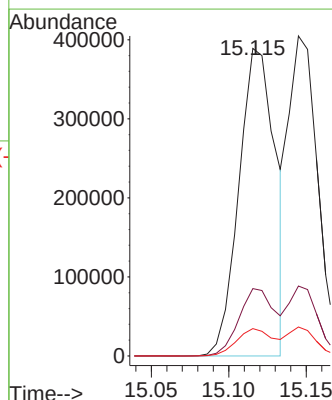
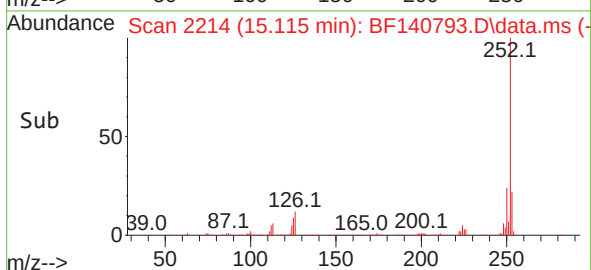
Supervised By :mohammad ahmed 12/12/2024

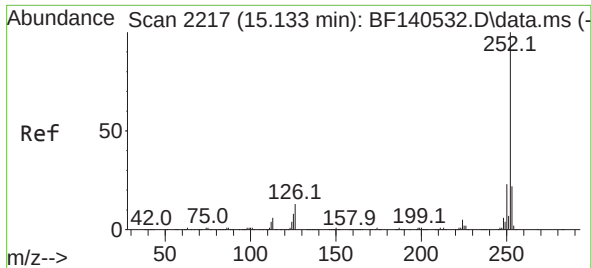


#88
 Benzo(b)fluoranthene
 Concen: 42.056 ng
 RT: 15.115 min Scan# 2214
 Delta R.T. 0.012 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54



Tgt Ion:252 Resp: 637387
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 8.9 6.7 10.1





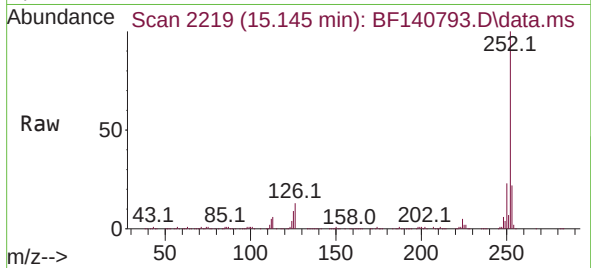
#89
Benzo(k)fluoranthene
Concen: 39.952 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



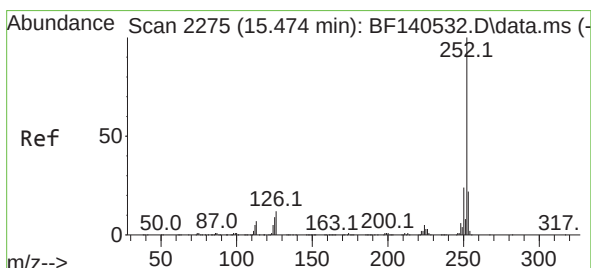
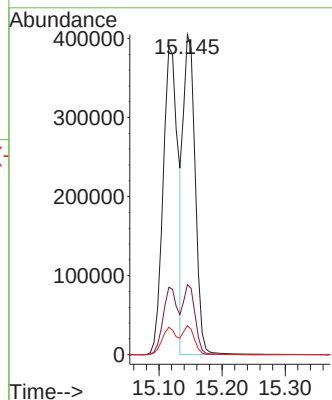
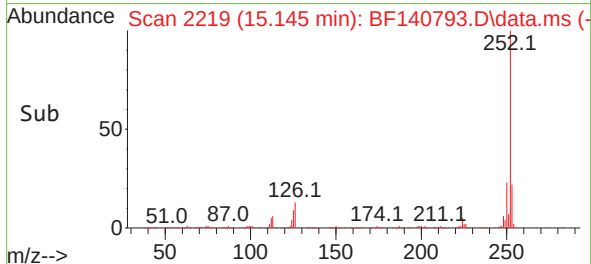
Tgt Ion:252 Resp: 52985
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.0 6.5 9.7

Manual Integrations

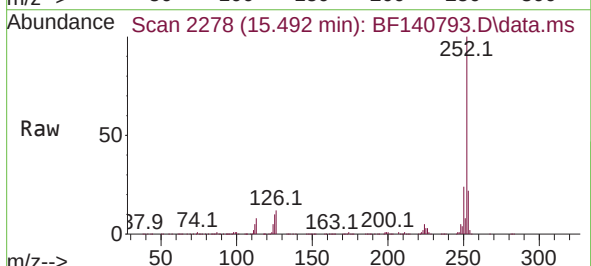
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

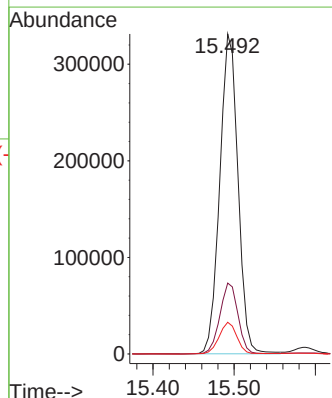
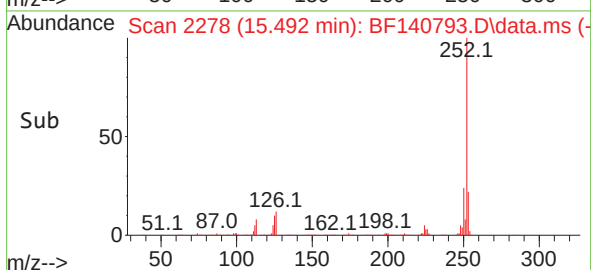
Supervised By :mohammad ahmed 12/12/2024

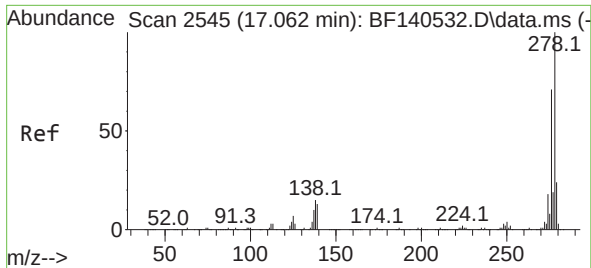


#90
Benzo(a)pyrene
Concen: 41.950 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.018 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54



Tgt Ion:252 Resp: 516945
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.9 7.0 10.6





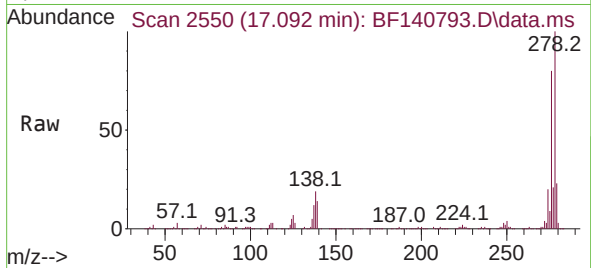
#91
Dibenzo(a,h)anthracene
Concen: 48.060 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



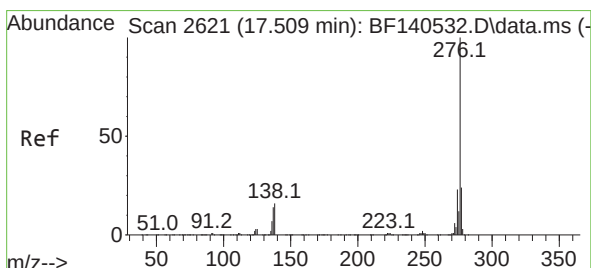
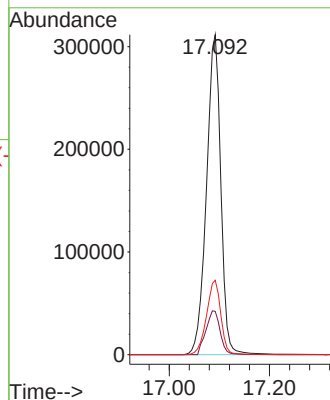
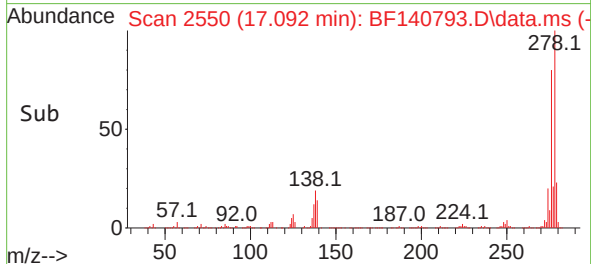
Tgt Ion:278 Resp: 61890
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.4
279 23.2 18.9 28.3

Manual Integrations

APPROVED

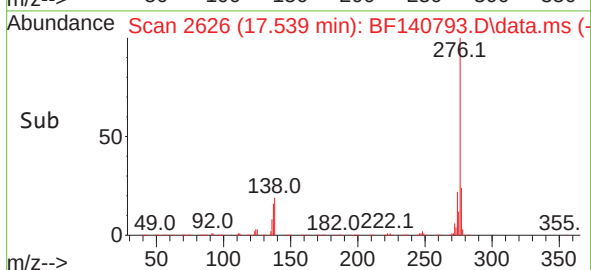
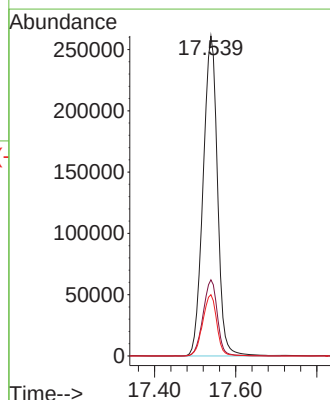
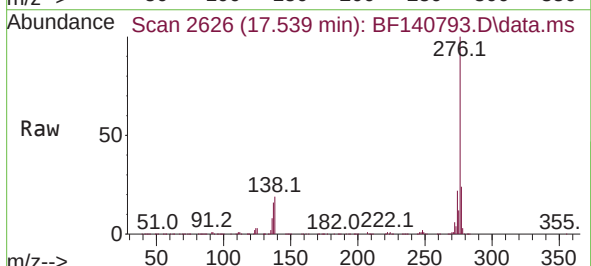
Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#92
Benzo(g,h,i)perylene
Concen: 48.809 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.029 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:276 Resp: 641395
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 19.1 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	104	-0.01
2	1,4-Dioxane	0.493	0.508	-3.0	108	-0.02
3	Pyridine	1.084	1.173	-8.2	102	-0.02
4	n-Nitrosodimethylamine	0.637	0.630	1.1	101	-0.01
5 S	2-Fluorophenol	1.172	1.228	-4.8	108	0.00
6	Aniline	1.091	1.112	-1.9	92	0.00
7 S	Phenol-d6	1.550	1.606	-3.6	104	0.00
8	2-Chlorophenol	1.261	1.333	-5.7	108	0.00
9	Benzaldehyde	0.820	0.806	1.7	113	0.00
10 C	Phenol	1.583	1.645	-3.9	102	0.00
11	bis(2-Chloroethyl)ether	1.211	1.280	-5.7	106	0.00
12	1,3-Dichlorobenzene	1.417	1.488	-5.0	110	-0.01
13 C	1,4-Dichlorobenzene	1.435	1.476	-2.9	107	-0.01
14	1,2-Dichlorobenzene	1.344	1.407	-4.7	108	0.00
15	Benzyl Alcohol	1.149	1.126	2.0	95	0.00
16	2,2'-oxybis(1-Chloropropane	1.431	1.436	-0.3	102	0.00
17	2-Methylphenol	1.009	1.044	-3.5	104	0.00
18	Hexachloroethane	0.536	0.552	-3.0	106	-0.01
19 P	n-Nitroso-di-n-propylamine	0.916	0.910	0.7	100	0.00
20	3+4-Methylphenols	1.298	1.345	-3.6	103	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	99	-0.01
22	Acetophenone	0.488	0.502	-2.9	103	0.00
23 S	Nitrobenzene-d5	0.391	0.408	-4.3	103	0.00
24	Nitrobenzene	0.404	0.417	-3.2	103	0.00
25	Isophorone	0.652	0.682	-4.6	102	0.00
26 C	2-Nitrophenol	0.179	0.196	-9.5	107	0.00
27	2,4-Dimethylphenol	0.214	0.236	-10.3	104	0.00
28	bis(2-Chloroethoxy)methane	0.397	0.422	-6.3	105	-0.01
29 C	2,4-Dichlorophenol	0.284	0.308	-8.5	108	0.00
30	1,2,4-Trichlorobenzene	0.324	0.341	-5.2	106	-0.01
31	Naphthalene	1.030	1.091	-5.9	106	-0.01
32	Benzoic acid	0.164	0.219	-33.5#	122	0.03
33	4-Chloroaniline	0.308	0.317	-2.9	96	0.00
34 C	Hexachlorobutadiene	0.215	0.223	-3.7	104	-0.01
35	Caprolactam	0.088	0.096	-9.1	104	0.00
36 C	4-Chloro-3-methylphenol	0.318	0.337	-6.0	102	0.00
37	2-Methylnaphthalene	0.654	0.693	-6.0	105	-0.01
38	1-Methylnaphthalene	0.641	0.680	-6.1	105	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	98	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.586	0.619	-5.6	107	0.00
41 P	Hexachlorocyclopentadiene	0.107	0.114	-6.5	97	0.00
42 S	2,4,6-Tribromophenol	0.214	0.231	-7.9	104	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.392	-6.8	105	0.00
44	2,4,5-Trichlorophenol	0.399	0.417	-4.5	101	0.00
45 S	2-Fluorobiphenyl	1.342	1.389	-3.5	105	-0.01
46	1,1'-Biphenyl	1.493	1.556	-4.2	105	-0.01
47	2-Chloronaphthalene	1.131	1.198	-5.9	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	0.363	0.379	-4.4	101	0.00
49	Acenaphthylene	1.710	1.754	-2.6	103	0.00
50	Dimethylphthalate	1.317	1.398	-6.2	105	0.00
51	2,6-Dinitrotoluene	0.299	0.318	-6.4	103	0.00
52 C	Acenaphthene	1.086	1.129	-4.0	104	0.00
53	3-Nitroaniline	0.292	0.317	-8.6	103	0.00
54 P	2,4-Dinitrophenol	0.122	0.194	-59.0#	135	0.00
55	Dibenzofuran	1.657	1.711	-3.3	103	-0.01
56 P	4-Nitrophenol	0.199	0.269	-35.2#	127	0.01
57	2,4-Dinitrotoluene	0.397	0.432	-8.8	105	0.00
58	Fluorene	1.330	1.408	-5.9	106	0.00
59	2,3,4,6-Tetrachlorophenol	0.306	0.356	-16.3	111	0.00
60	Diethylphthalate	1.338	1.425	-6.5	106	-0.01
61	4-Chlorophenyl-phenylether	0.653	0.704	-7.8	108	0.00
62	4-Nitroaniline	0.306	0.337	-10.1	105	0.00
63	Azobenzene	1.267	1.323	-4.4	105	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	0.102	0.126	-23.5	114	0.00
66 c	n-Nitrosodiphenylamine	0.591	0.611	-3.4	106	0.00
67	4-Bromophenyl-phenylether	0.206	0.219	-6.3	109	-0.01
68	Hexachlorobenzene	0.238	0.253	-6.3	108	-0.01
69	Atrazine	0.166	0.143	13.9	102	0.00
70 C	Pentachlorophenol	0.105	0.100	4.8	86	0.00
71	Phenanthrene	0.961	0.997	-3.7	105	0.00
72	Anthracene	0.940	0.982	-4.5	106	0.00
73	Carbazole	0.905	0.949	-4.9	107	0.00
74	Di-n-butylphthalate	1.044	1.122	-7.5	110	0.00
75 C	Fluoranthene	1.044	1.103	-5.7	109	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	105	0.00
77	Benzidine	0.581	0.438	24.6	80	0.00
78	Pyrene	1.849	1.938	-4.8	110	0.00
79 S	Terphenyl-d14	1.284	1.333	-3.8	109	-0.01
80	Butylbenzylphthalate	0.666	0.679	-2.0	105	-0.01
81	Benzo(a)anthracene	1.324	1.436	-8.5	117	0.00
82	3,3'-Dichlorobenzidine	0.397	0.435	-9.6	111	0.00
83	Chrysene	1.211	1.217	-0.5	106	0.00
84	Bis(2-ethylhexyl)phthalate	0.841	0.826	1.8	104	0.00
85 c	Di-n-octyl phthalate	1.150	1.246	-8.3	116	0.00
86 I	Perylene-d12	1.000	1.000	0.0	114	0.02
87	Indeno(1,2,3-cd)pyrene	1.303	1.550	-19.0	136	0.04
88	Benzo(b)fluoranthene	1.256	1.321	-5.2	127	0.01
89	Benzo(k)fluoranthene	1.099	1.098	0.1	114	0.01
90 C	Benzo(a)pyrene	1.021	1.071	-4.9	121	0.02
91	Dibenzo(a,h)anthracene	1.067	1.283	-20.2	137	0.03
92	Benzo(g,h,i)perylene	1.089	1.329	-22.0	140	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140793.D
Acq On : 09 Dec 2024 16:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 09 18:36:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 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\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 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	104	-0.01
2	1,4-Dioxane	40.000	41.253	-3.1	108	-0.02
3	Pyridine	40.000	43.255	-8.1	102	-0.02
4	n-Nitrosodimethylamine	40.000	39.537	1.2	101	-0.01
5 S	2-Fluorophenol	80.000	83.779	-4.7	108	0.00
6	Aniline	40.000	40.796	-2.0	92	0.00
7 S	Phenol-d6	80.000	82.925	-3.7	104	0.00
8	2-Chlorophenol	40.000	42.284	-5.7	108	0.00
9	Benzaldehyde	40.000	39.296	1.8	113	0.00
10 C	Phenol	40.000	41.590	-4.0	102	0.00
11	bis(2-Chloroethyl)ether	40.000	42.284	-5.7	106	0.00
12	1,3-Dichlorobenzene	40.000	41.991	-5.0	110	-0.01
13 C	1,4-Dichlorobenzene	40.000	41.161	-2.9	107	-0.01
14	1,2-Dichlorobenzene	40.000	41.853	-4.6	108	0.00
15	Benzyl Alcohol	40.000	39.191	2.0	95	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.141	-0.4	102	0.00
17	2-Methylphenol	40.000	41.380	-3.5	104	0.00
18	Hexachloroethane	40.000	41.181	-3.0	106	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	39.723	0.7	100	0.00
20	3+4-Methylphenols	40.000	41.448	-3.6	103	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	99	-0.01
22	Acetophenone	40.000	41.186	-3.0	103	0.00
23 S	Nitrobenzene-d5	80.000	83.533	-4.4	103	0.00
24	Nitrobenzene	40.000	41.293	-3.2	103	0.00
25	Isophorone	40.000	41.803	-4.5	102	0.00
26 C	2-Nitrophenol	40.000	43.820	-9.6	107	0.00
27	2,4-Dimethylphenol	40.000	44.048	-10.1	104	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.468	-6.2	105	-0.01
29 C	2,4-Dichlorophenol	40.000	43.337	-8.3	108	0.00
30	1,2,4-Trichlorobenzene	40.000	42.076	-5.2	106	-0.01
31	Naphthalene	40.000	42.379	-5.9	106	-0.01
32	Benzoic acid	40.000	47.213	-18.0	122	0.03
33	4-Chloroaniline	40.000	41.114	-2.8	96	0.00
34 C	Hexachlorobutadiene	40.000	41.597	-4.0	104	-0.01
35	Caprolactam	40.000	43.587	-9.0	104	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.344	-5.9	102	0.00
37	2-Methylnaphthalene	40.000	42.381	-6.0	105	-0.01
38	1-Methylnaphthalene	40.000	42.427	-6.1	105	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	98	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	42.259	-5.6	107	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.655	3.4	97	0.00
42 S	2,4,6-Tribromophenol	80.000	86.408	-8.0	104	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.701	-6.8	105	0.00
44	2,4,5-Trichlorophenol	40.000	41.868	-4.7	101	0.00
45 S	2-Fluorobiphenyl	80.000	82.763	-3.5	105	-0.01
46	1,1'-Biphenyl	40.000	41.689	-4.2	105	-0.01
47	2-Chloronaphthalene	40.000	42.363	-5.9	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	41.753	-4.4	101	0.00
49	Acenaphthylene	40.000	41.049	-2.6	103	0.00
50	Dimethylphthalate	40.000	42.443	-6.1	105	0.00
51	2,6-Dinitrotoluene	40.000	42.558	-6.4	103	0.00
52 C	Acenaphthene	40.000	41.593	-4.0	104	0.00
53	3-Nitroaniline	40.000	43.347	-8.4	103	0.00
54 P	2,4-Dinitrophenol	40.000	53.002	-32.5#	135	0.00
55	Dibenzofuran	40.000	41.305	-3.3	103	-0.01
56 P	4-Nitrophenol	40.000	54.099	-35.2#	127	0.01
57	2,4-Dinitrotoluene	40.000	43.570	-8.9	105	0.00
58	Fluorene	40.000	42.340	-5.9	106	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	46.479	-16.2	111	0.00
60	Diethylphthalate	40.000	42.578	-6.4	106	-0.01
61	4-Chlorophenyl-phenylether	40.000	43.176	-7.9	108	0.00
62	4-Nitroaniline	40.000	43.997	-10.0	105	0.00
63	Azobenzene	40.000	41.754	-4.4	105	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	40.000	49.160	-22.9	114	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.343	-3.4	106	0.00
67	4-Bromophenyl-phenylether	40.000	42.498	-6.2	109	-0.01
68	Hexachlorobenzene	40.000	42.445	-6.1	108	-0.01
69	Atrazine	40.000	34.295	14.3	102	0.00
70 C	Pentachlorophenol	40.000	37.985	5.0	86	0.00
71	Phenanthrene	40.000	41.475	-3.7	105	0.00
72	Anthracene	40.000	41.788	-4.5	106	0.00
73	Carbazole	40.000	41.957	-4.9	107	0.00
74	Di-n-butylphthalate	40.000	42.988	-7.5	110	0.00
75 C	Fluoranthene	40.000	42.260	-5.6	109	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	105	0.00
77	Benzydine	40.000	30.153	24.6	80	0.00
78	Pyrene	40.000	41.926	-4.8	110	0.00
79 S	Terphenyl-d14	80.000	83.016	-3.8	109	-0.01
80	Butylbenzylphthalate	40.000	40.788	-2.0	105	-0.01
81	Benzo(a)anthracene	40.000	43.394	-8.5	117	0.00
82	3,3'-Dichlorobenzidine	40.000	43.822	-9.6	111	0.00
83	Chrysene	40.000	40.226	-0.6	106	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.273	1.8	104	0.00
85 c	Di-n-octyl phthalate	40.000	43.349	-8.4	116	0.00
86 I	Perylene-d12	20.000	20.000	0.0	114	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	47.579	-18.9	136	0.04
88	Benzo(b)fluoranthene	40.000	42.056	-5.1	127	0.01
89	Benzo(k)fluoranthene	40.000	39.952	0.1	114	0.01
90 C	Benzo(a)pyrene	40.000	41.950	-4.9	121	0.02
91	Dibenzo(a,h)anthracene	40.000	48.060	-20.2	137	0.03
92	Benzo(g,h,i)perylene	40.000	48.809	-22.0	140	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140793.D
Acq On : 09 Dec 2024 16:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 09 18:36:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



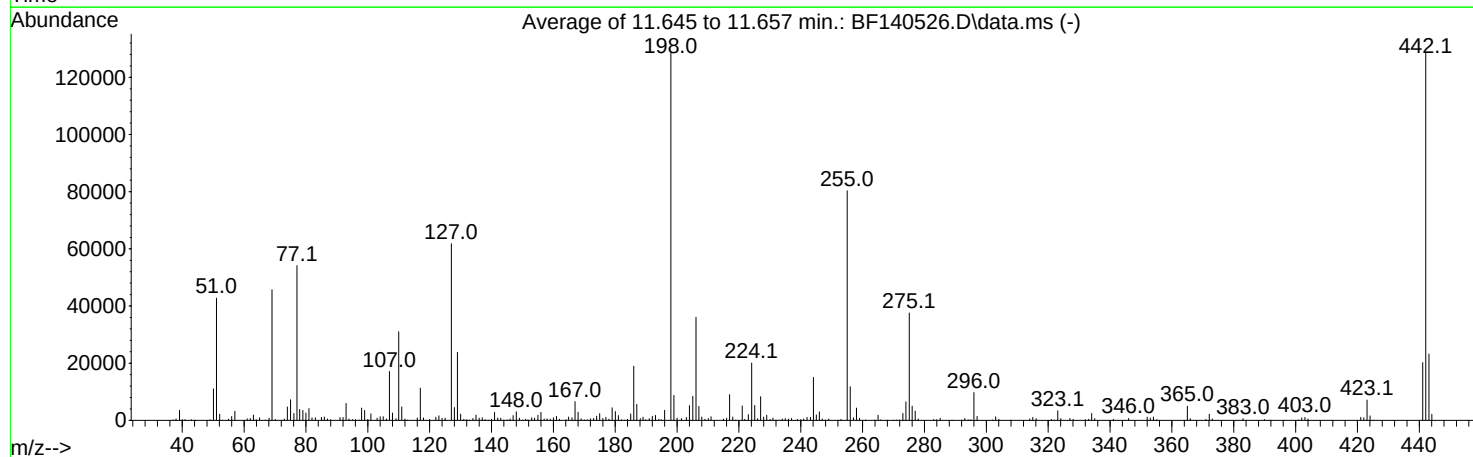
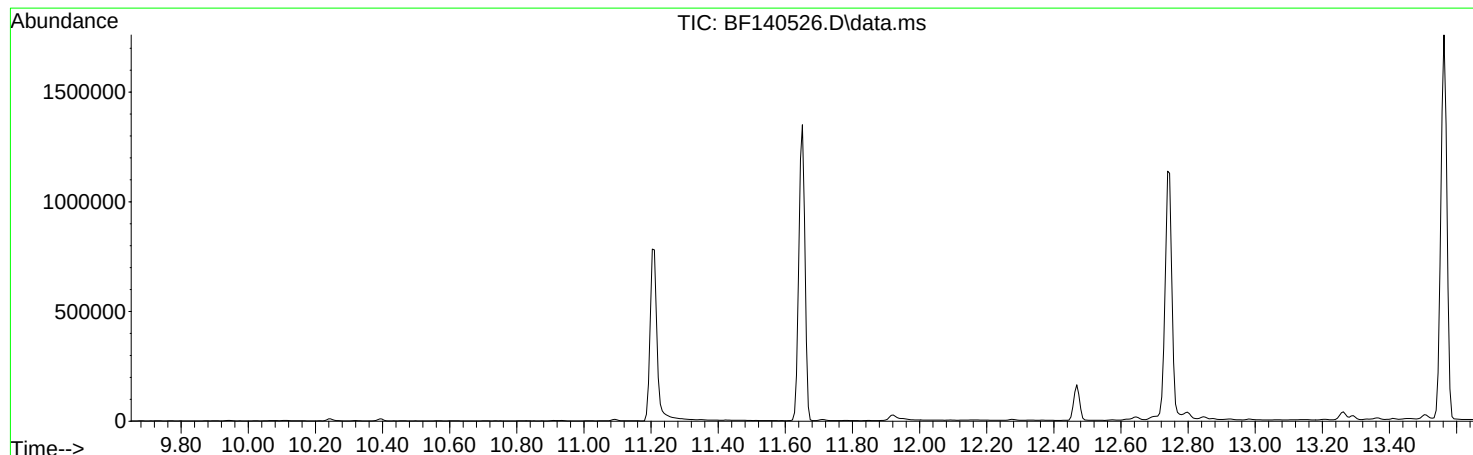
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140526.D
Acq On : 21 Nov 2024 10:17
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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Nov 21 15:23:48 2024



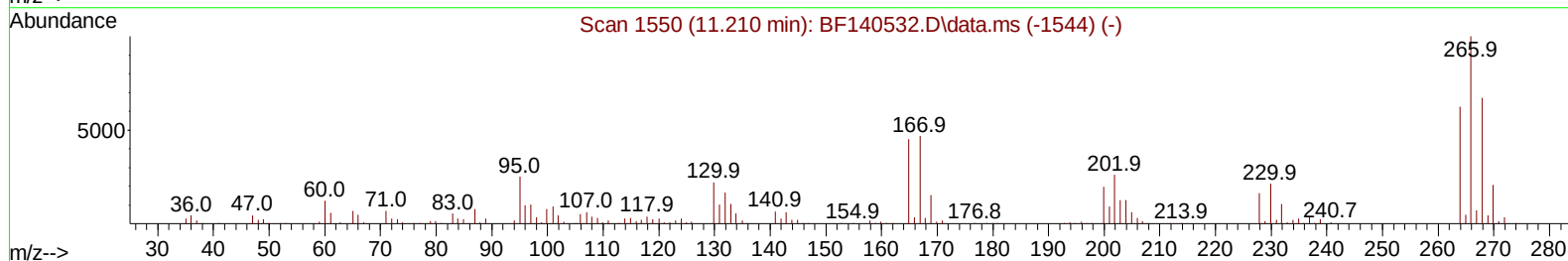
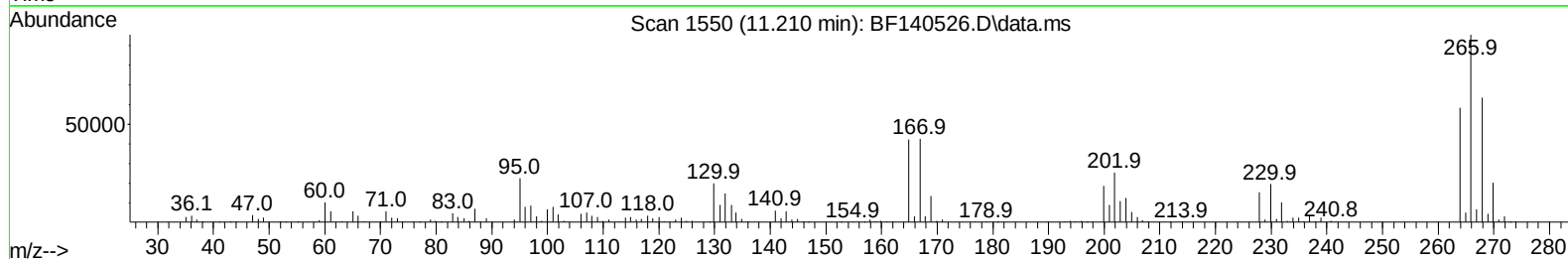
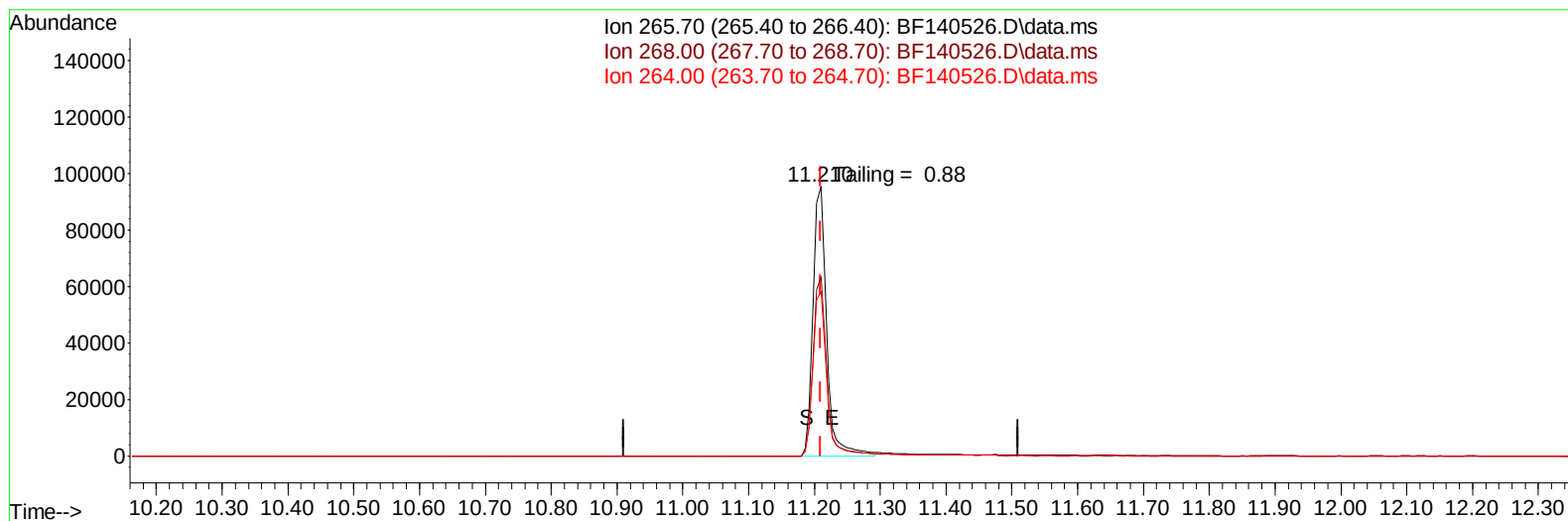
AutoFind: Scans 1624, 1625, 1626; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.3	42792	PASS
68	69	0.00	2	1.8	810	PASS
69	198	0.00	100	35.5	45731	PASS
70	69	0.00	2	0.7	327	PASS
127	198	10	80	48.0	61811	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	128688	PASS
199	198	5	9	6.8	8723	PASS
275	198	10	60	29.2	37552	PASS
365	198	1	100	3.8	4944	PASS
441	198	0.01	100	15.7	20189	PASS
442	442	50	100	100.0	128421	PASS
443	442	15	24	18.1	23261	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF-2024\BN-NOV-24\BF112124\
Data File : BF140526.D
Acq On : 21 Nov 2024 10:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 21 23:23:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140526.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 34448.94 ng

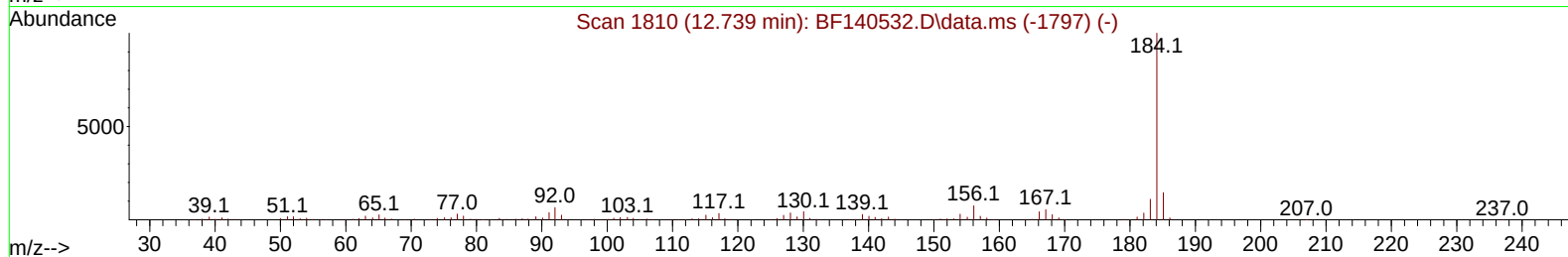
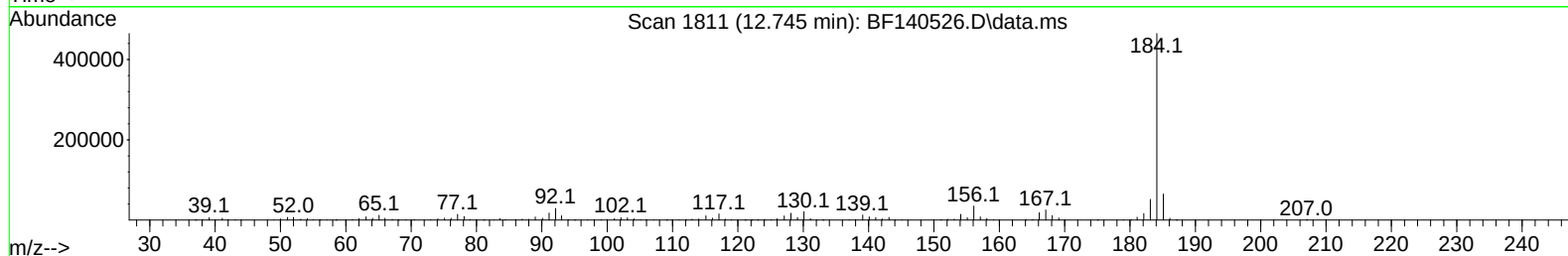
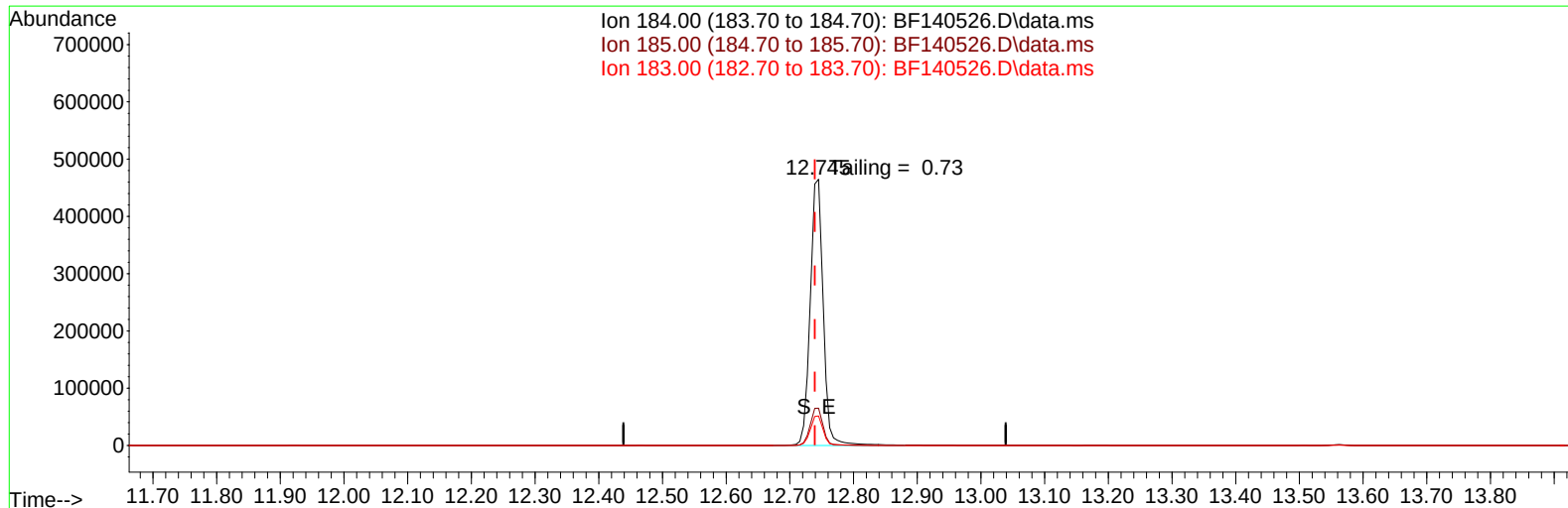
response 138311

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	66.58
264.00	62.30	61.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140526.D
Acq On : 21 Nov 2024 10:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 21 15:24:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140526.D\data.ms

(77) Benzidine

12.745min (+ 0.006) 32779.12 ng

response 668077

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.02
183.00	11.00	11.11
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

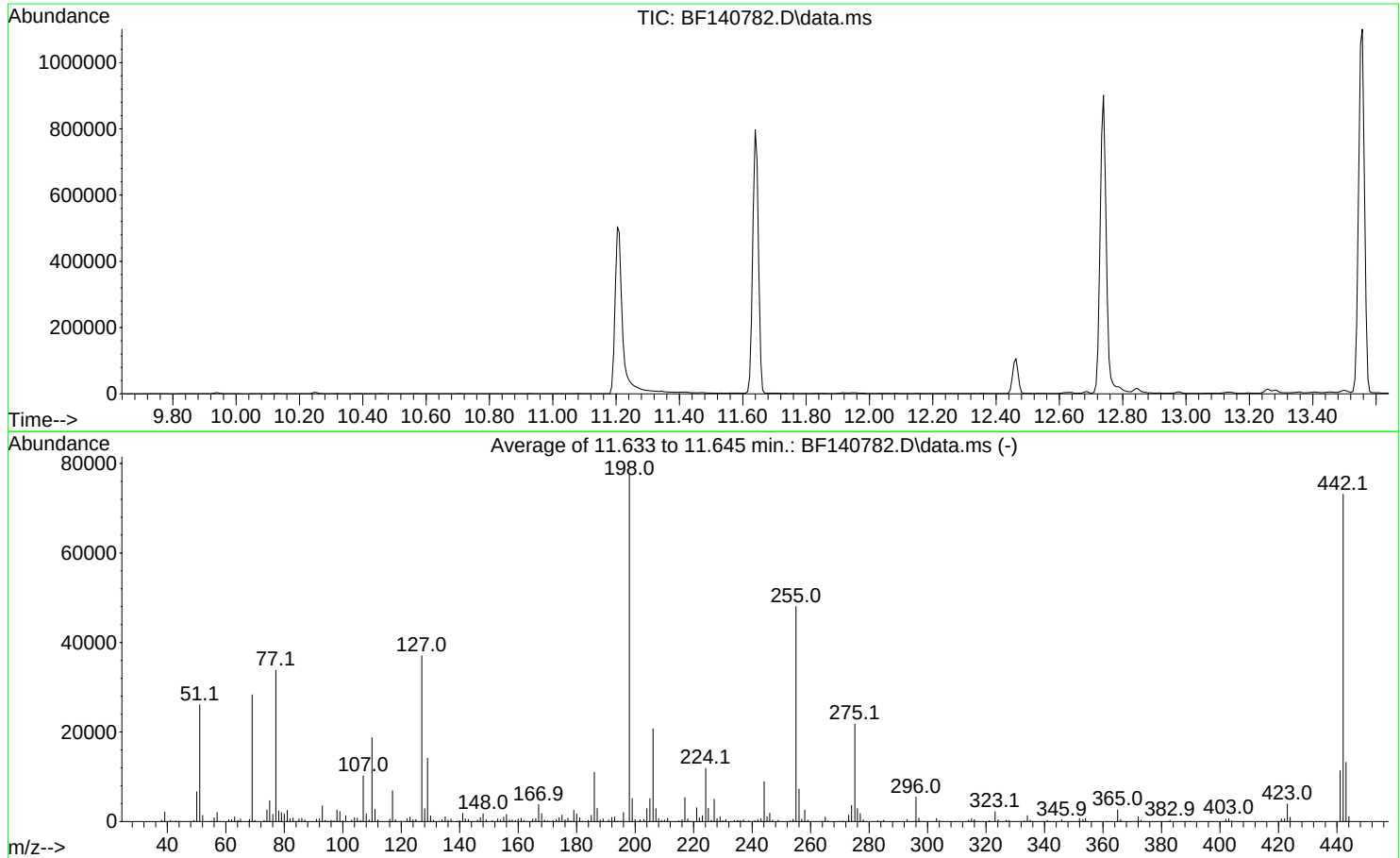
Date	Instrument Name	DFTPP Data File
11/21/2024	BNA_F	<u>BF140526.D</u>
Compound Name	Response	Retention Time
DDT	424151	13.562
DDD	14557	13.262
DDE	1132	12.921
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
15689	439840	3.57

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140782.D
Acq On : 09 Dec 2024 11:55
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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Nov 21 15:23:48 2024



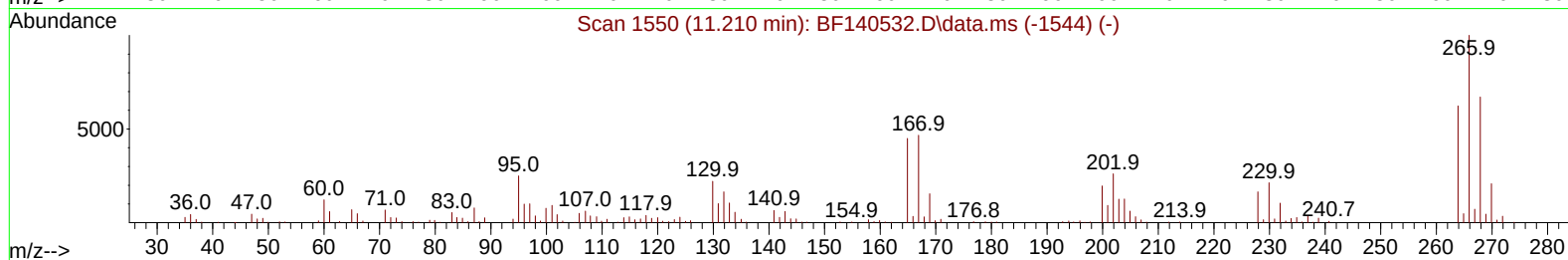
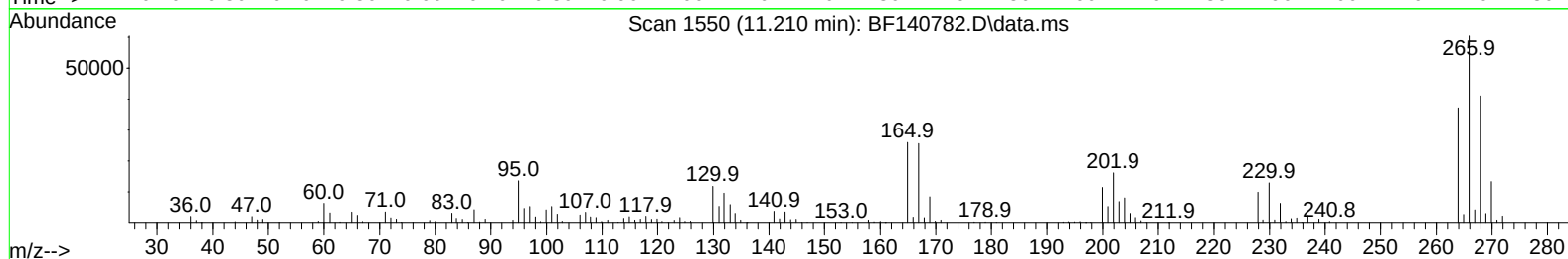
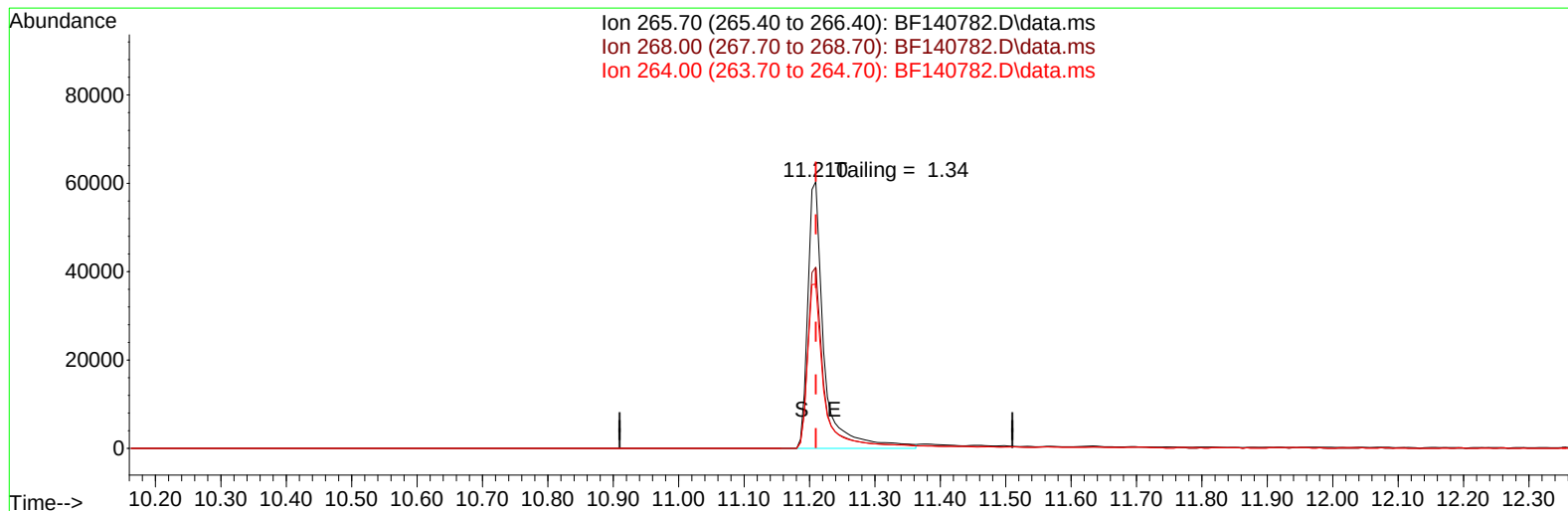
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.6	26080	PASS
68	69	0.00	2	1.6	463	PASS
69	198	0.00	100	36.5	28325	PASS
70	69	0.00	2	0.8	234	PASS
127	198	10	80	47.7	37035	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	77573	PASS
199	198	5	9	6.7	5170	PASS
275	198	10	60	28.1	21805	PASS
365	198	1	100	3.4	2612	PASS
441	198	0.01	100	14.7	11365	PASS
442	442	50	100	100.0	73117	PASS
443	442	15	24	18.1	13240	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140782.D
Acq On : 09 Dec 2024 11:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 09 14:07:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140782.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 21180.55 ng

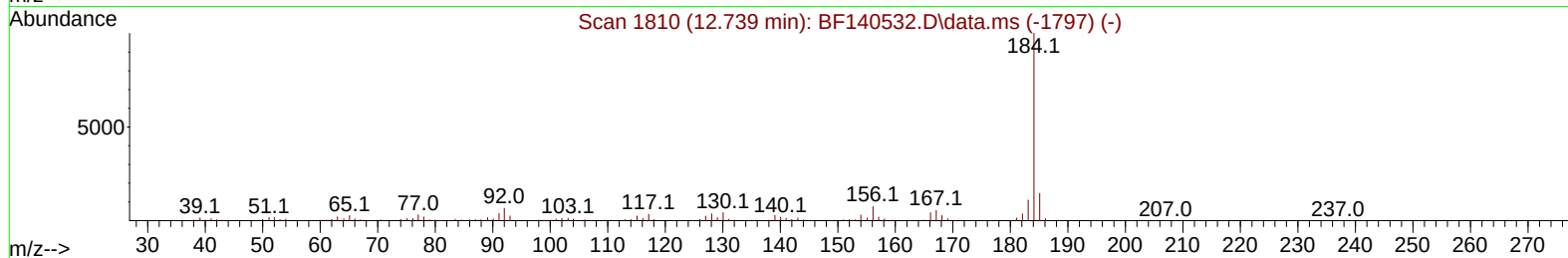
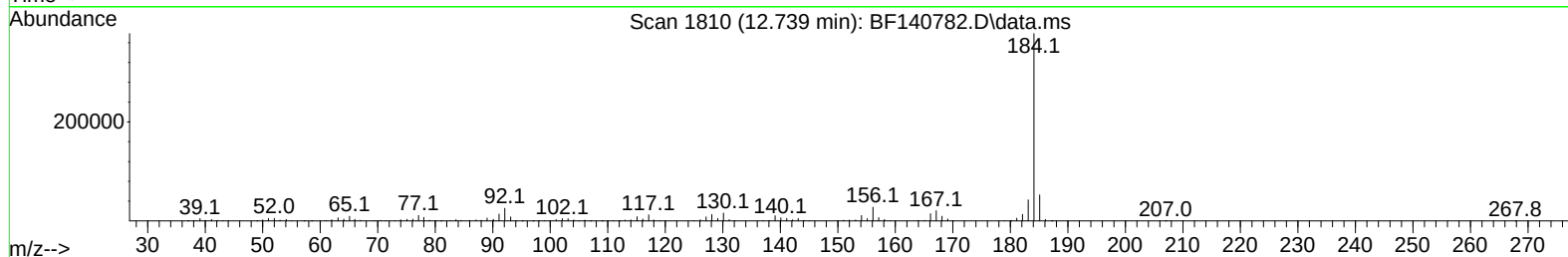
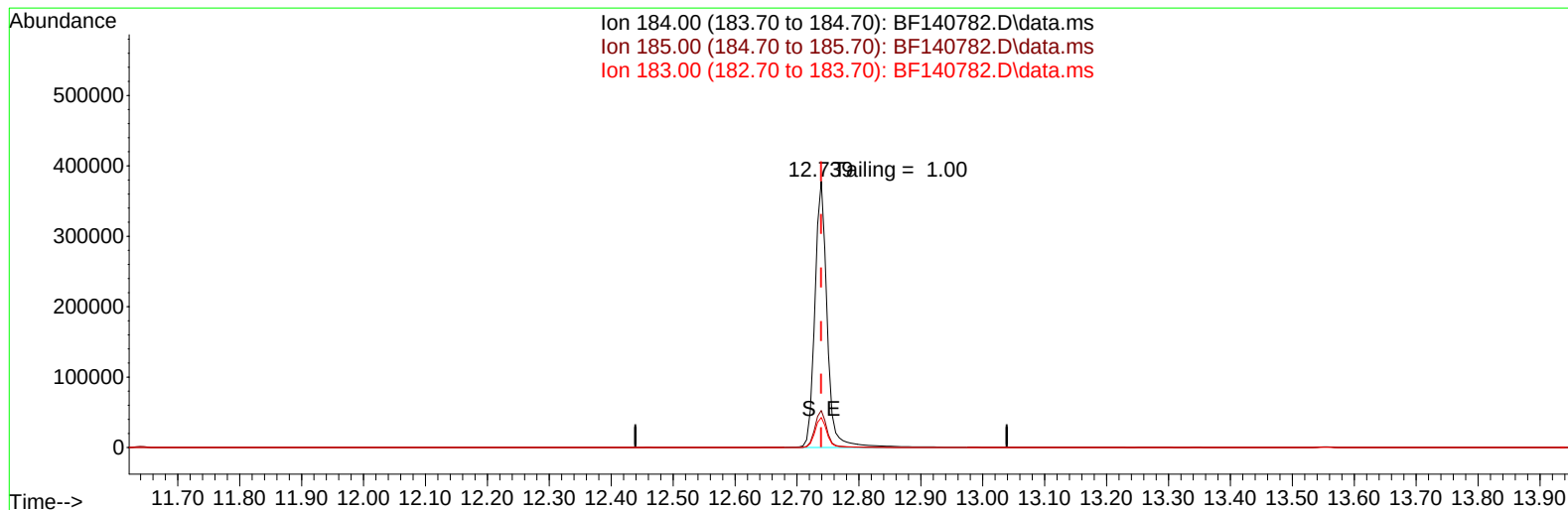
response 104937

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	67.92
264.00	62.30	61.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140782.D
Acq On : 09 Dec 2024 11:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 09 14:07:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140782.D\data.ms

(77) Benzidine

12.739min (+ 0.000) 20405.35 ng

response 530387

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.90
183.00	11.00	11.26
0.00	0.00	0.00

Instrument :

BNA_F

ClientSampleId :

DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/9/2024	BNA_F	<u>BF140782.D</u>
Compound Name	Response	Retention Time
DDT	285973	13.557
DDD	7212	13.257
DDE	366	12.915
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7578	293551	2.58

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB165435BL	SDG No.:	P5117
Lab Sample ID:	PB165435BL	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
BF140787.D	1	12/06/24 10:45	12/09/24 14:05	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	4.00	U	1.60	4.00	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	4.00	U	0.84	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.20	8.00	10.0	ug/L
67-72-1	Hexachloroethane	4.00	U	1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	1.30	4.00	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	1.00	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	159		19 - 119		106%	SPK: 150
13127-88-3	Phenol-d6	154		10 - 130		103%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		44 - 120		103%	SPK: 100
321-60-8	2-Fluorobiphenyl	107		44 - 119		107%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		43 - 140		106%	SPK: 150
1718-51-0	Terphenyl-d14	99.0		50 - 134		99%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64200	6.863				
1146-65-2	Naphthalene-d8	244000	8.145				
15067-26-2	Acenaphthene-d10	138000	9.898				
1517-22-2	Phenanthrene-d10	266000	11.392				
1719-03-5	Chrysene-d12	180000	14.045				
1520-96-3	Perylene-d12	142000	15.557				

Report of Analysis

Client:	Weston Solutions		Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169		Date Received:	
Client Sample ID:	PB165435BL		SDG No.:	P5117
Lab Sample ID:	PB165435BL		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
BF140787.D	1	12/06/24 10:45	12/09/24 14:05	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF120924\
Data File : BF140787.D
Acq On : 09 Dec 2024 14:05
Operator : RC/JU
Sample : PB165435BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165435BL

Quant Time: Dec 09 15:59:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	64208	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	244060	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	138194	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	265718	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	179670	20.000	ng	0.00
86) Perylene-d12	15.557	264	141543	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	597910	158.884	ng	0.00
7) Phenol-d6	6.510	99	765087	153.785	ng	0.00
23) Nitrobenzene-d5	7.428	82	492946	103.312	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	234279	158.511	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	990114	106.749	ng	-0.02
79) Terphenyl-d14	12.980	244	1142812	99.043	ng	-0.01

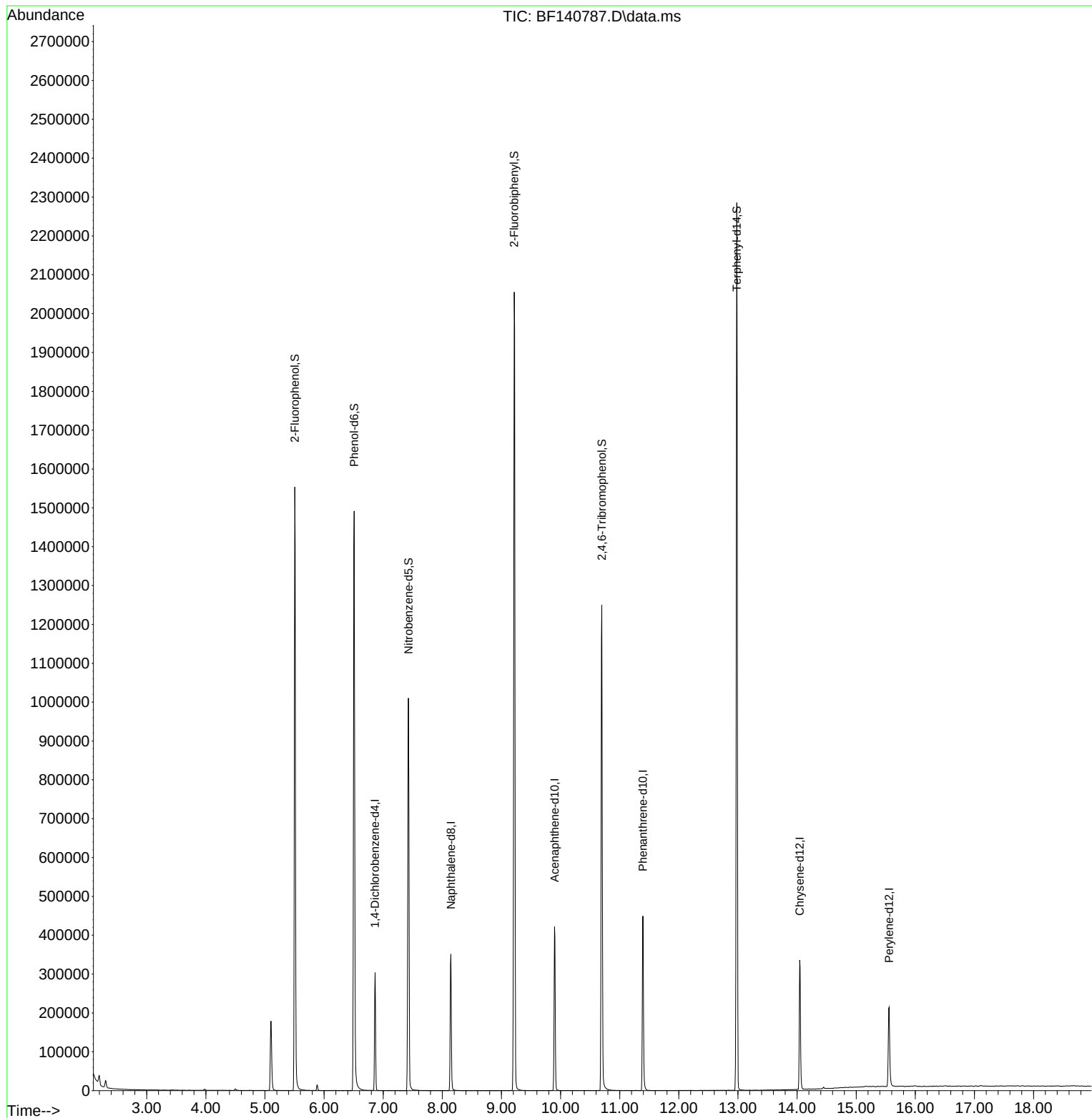
Target Compounds	Qvalue

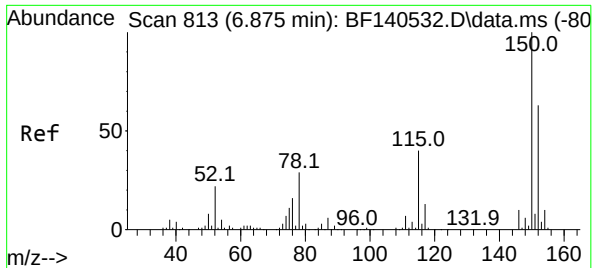
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140787.D
Acq On : 09 Dec 2024 14:05
Operator : RC/JU
Sample : PB165435BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165435BL

Quant Time: Dec 09 15:59:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

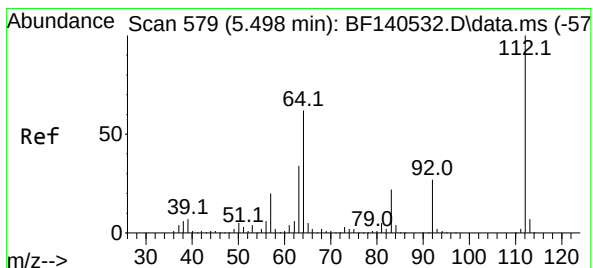
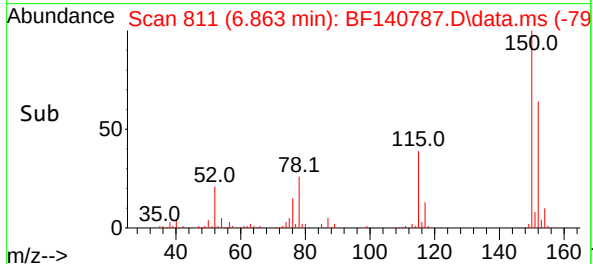
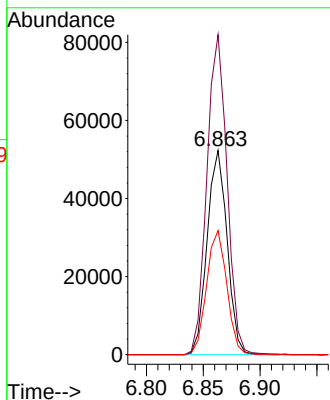
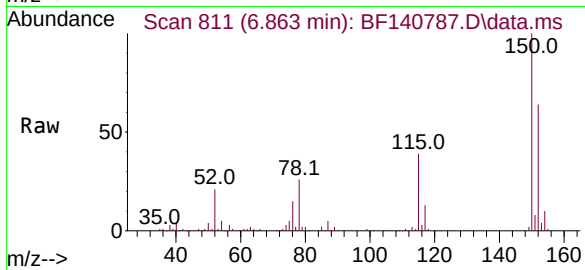




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

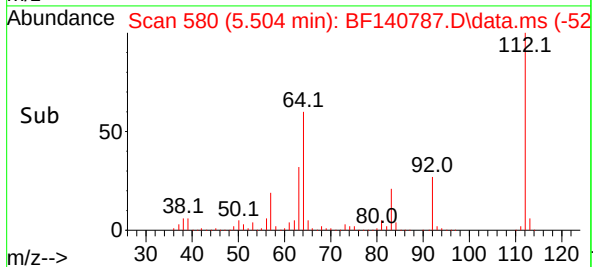
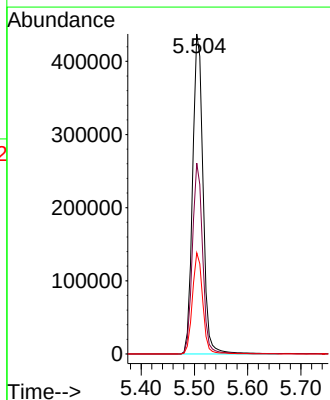
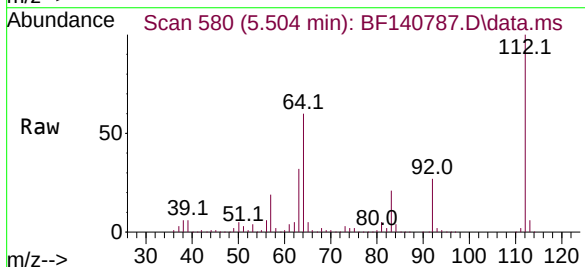
Instrument :
BNA_F
ClientSampleId :
PB165435BL

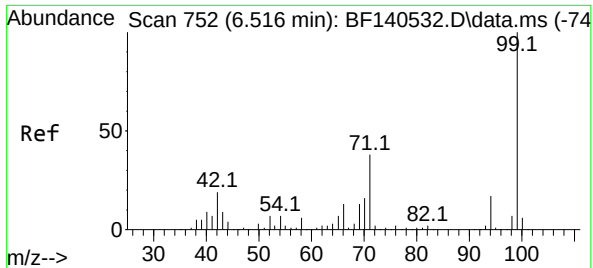
Tgt Ion:152 Resp: 64208
Ion Ratio Lower Upper
152 100
150 156.7 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 158.884 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion:112 Resp: 597910
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.6 27.0 40.4

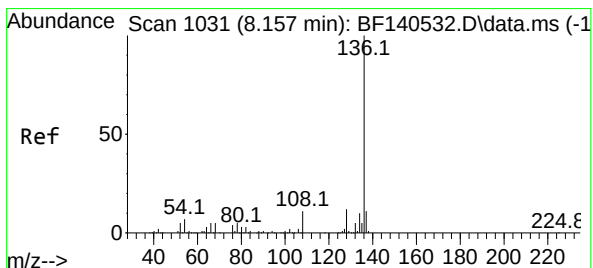
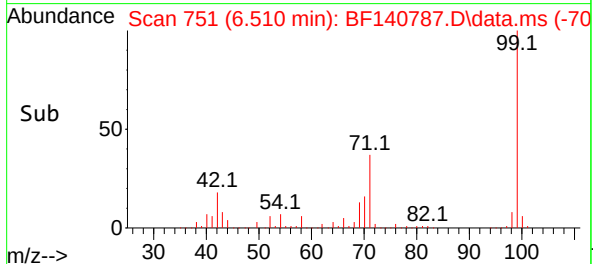
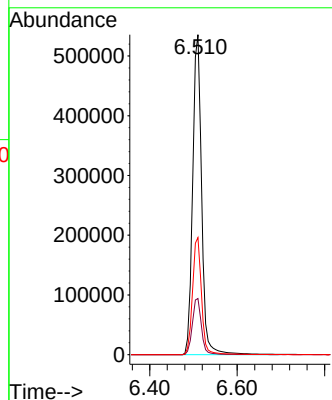
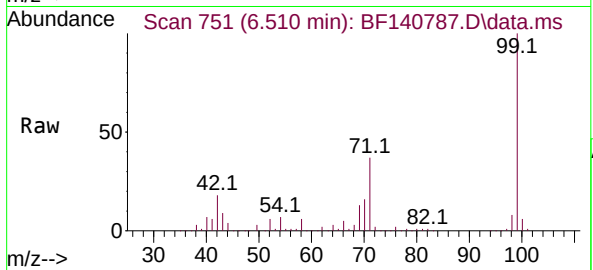




#7
Phenol-d6
Concen: 153.785 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

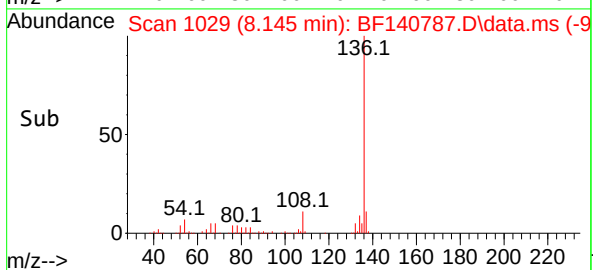
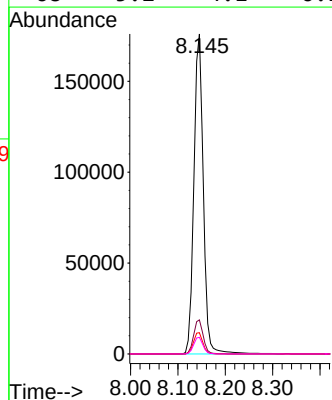
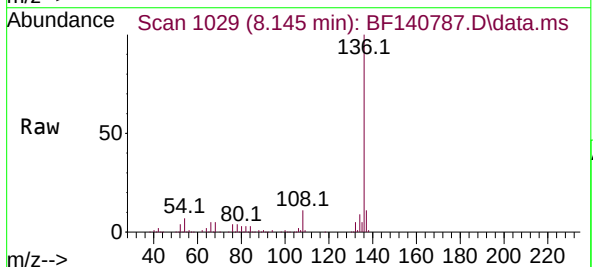
Instrument :
BNA_F
ClientSampleId :
PB165435BL

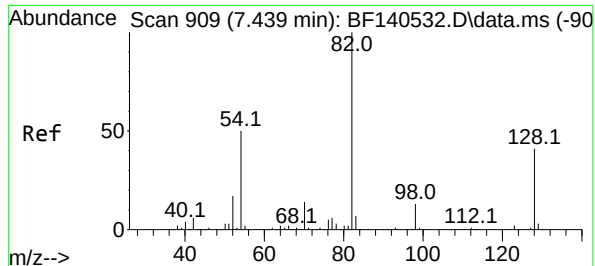
Tgt Ion: 99 Resp: 765087
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion: 136 Resp: 244060
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.6 5.8 8.8
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 103.312 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB165435BL

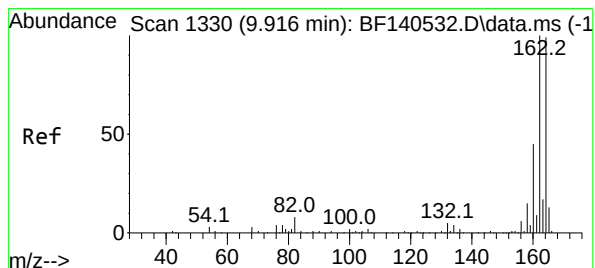
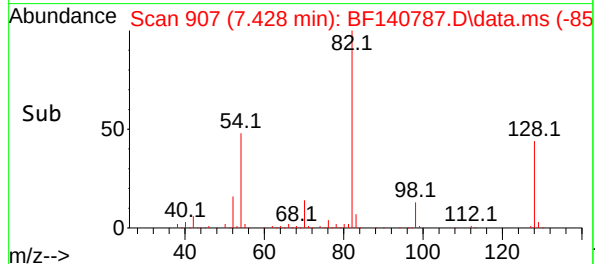
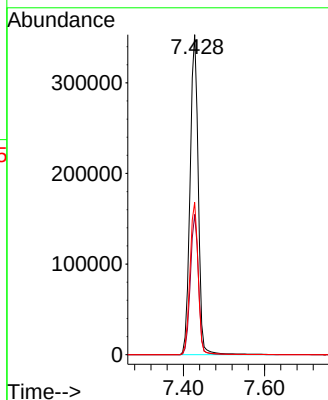
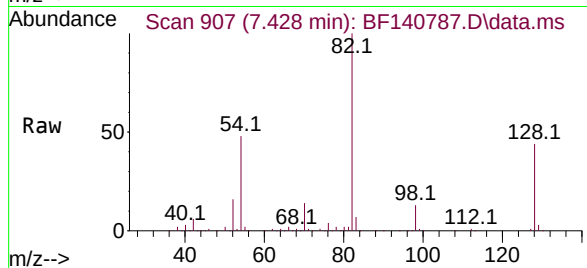
Tgt Ion: 82 Resp: 492946

Ion Ratio Lower Upper

82 100

128 43.8 33.0 49.4

54 47.6 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

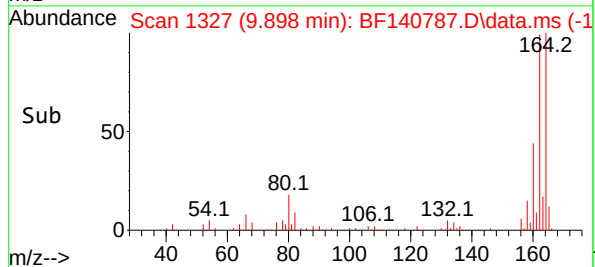
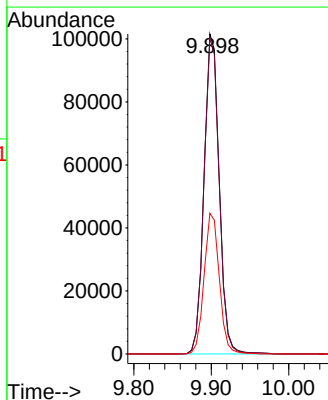
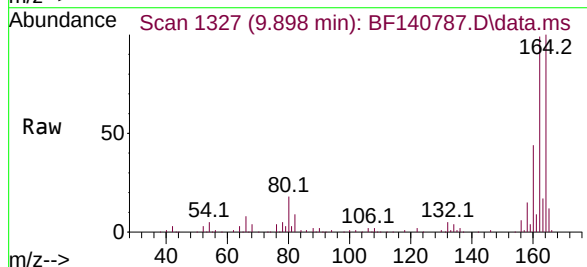
Tgt Ion: 164 Resp: 138194

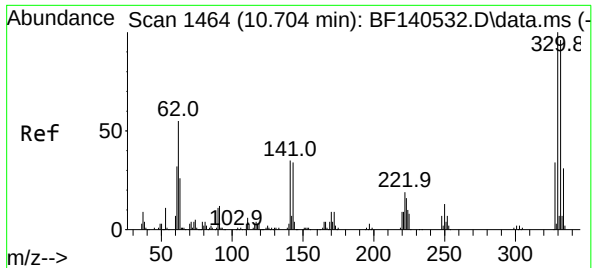
Ion Ratio Lower Upper

164 100

162 98.7 80.6 120.8

160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 158.511 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB165435BL

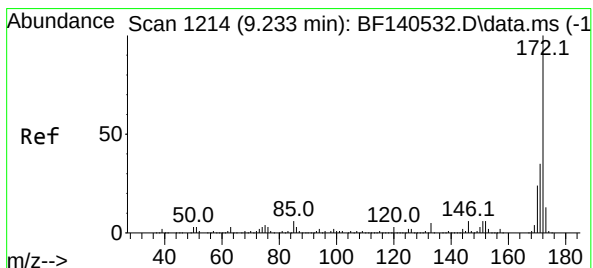
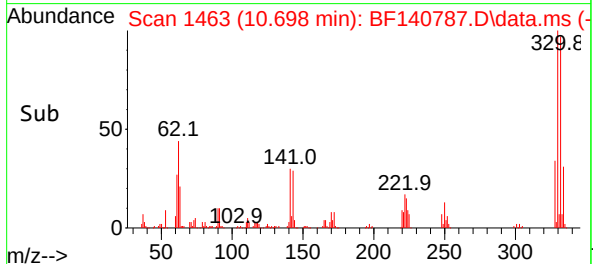
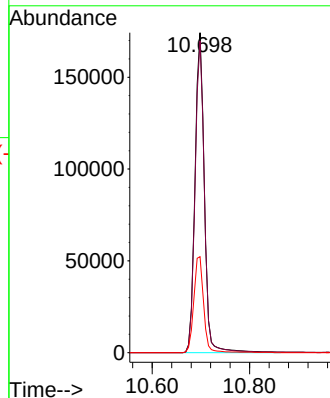
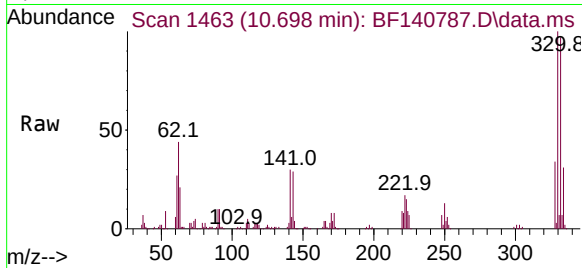
Tgt Ion:330 Resp: 234279

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 31.6 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 106.749 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

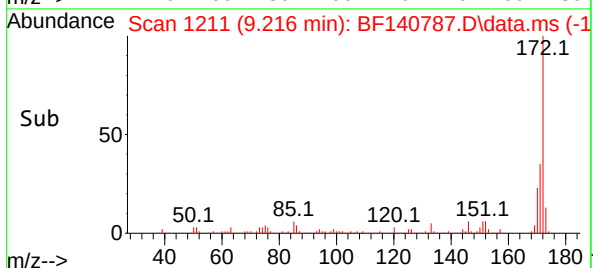
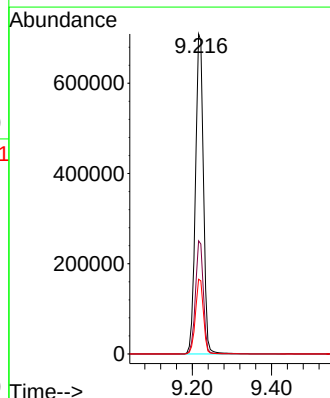
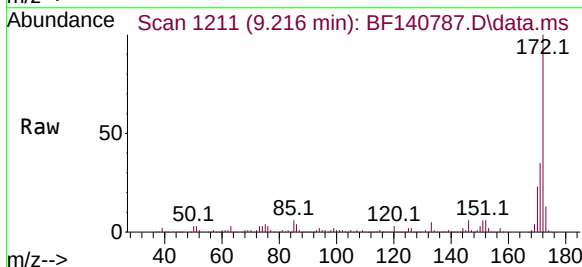
Tgt Ion:172 Resp: 990114

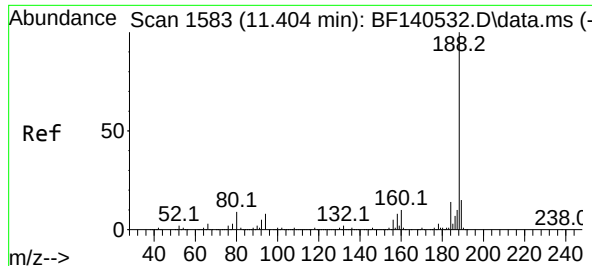
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB165435BL

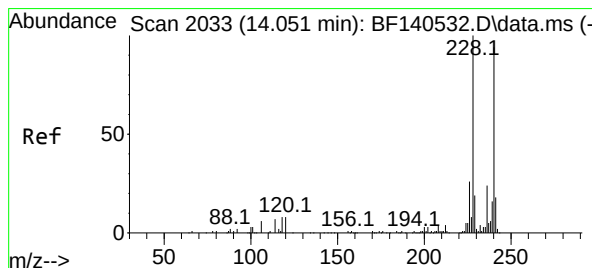
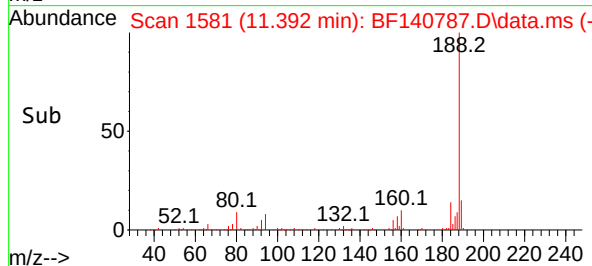
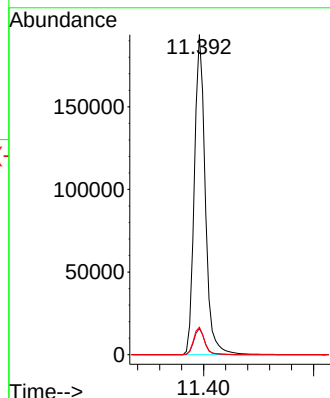
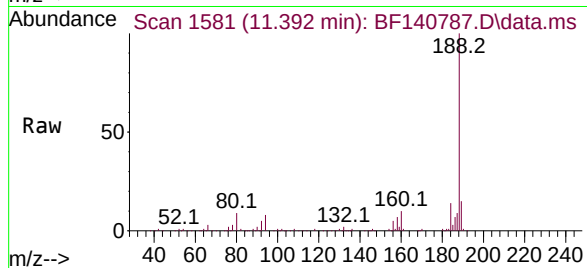
Tgt Ion:188 Resp: 265718

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

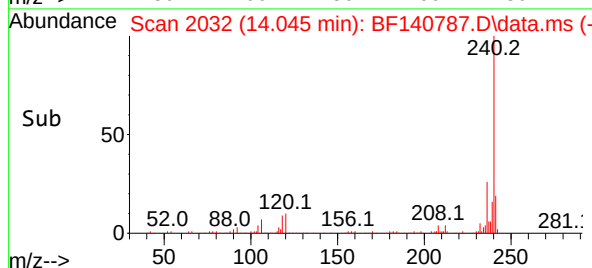
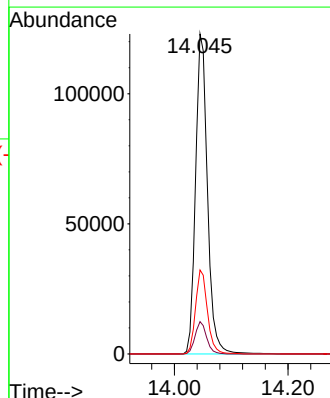
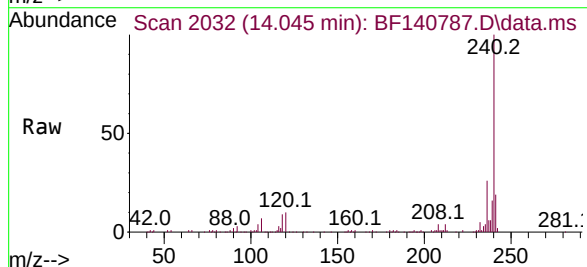
Tgt Ion:240 Resp: 179670

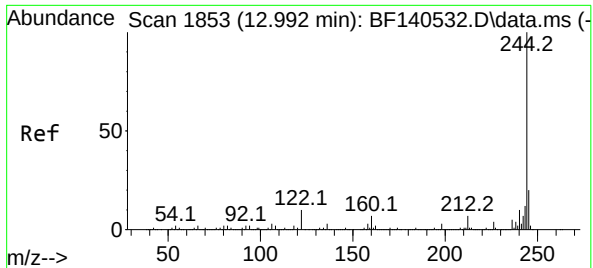
Ion Ratio Lower Upper

240 100

120 10.1 7.3 10.9

236 26.3 20.6 31.0

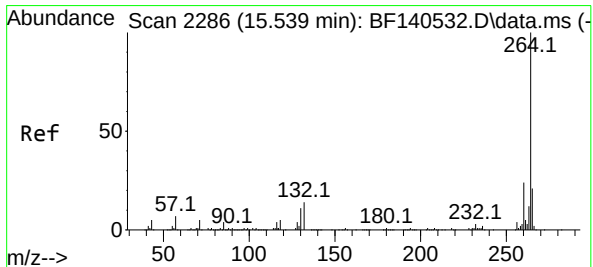
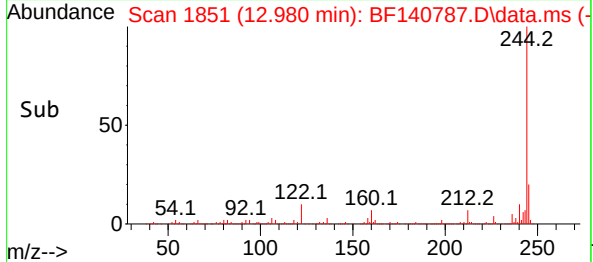
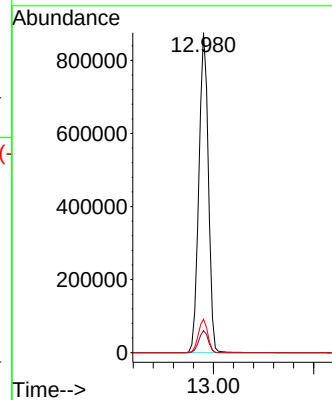
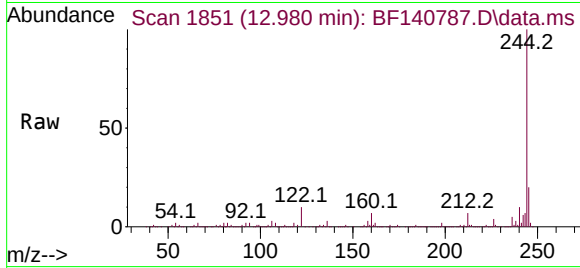




#79
Terphenyl-d14
Concen: 99.043 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

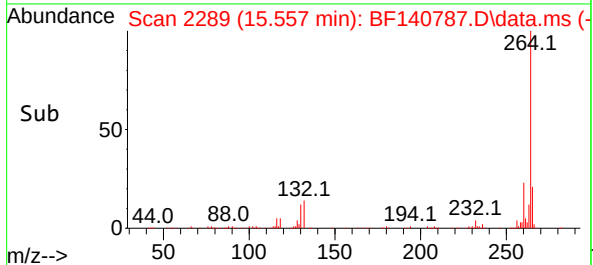
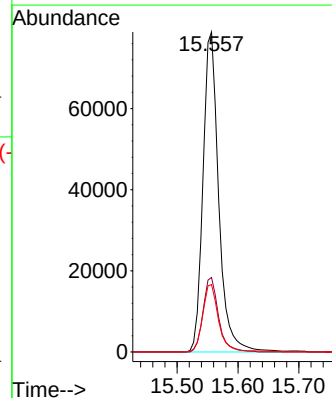
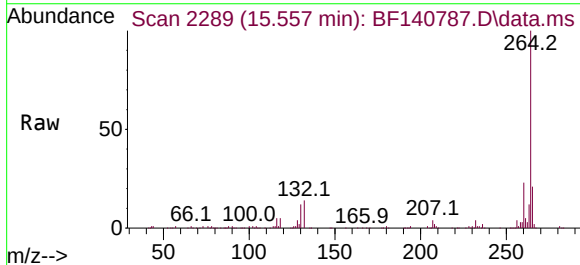
Instrument :
BNA_F
ClientSampleId :
PB165435BL

Tgt Ion:244 Resp: 1142812
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.5 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion:264 Resp: 141543
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.1 16.6 25.0



Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB165435BS	SDG No.:	P5117
Lab Sample ID:	PB165435BS	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
BF140788.D	1	12/06/24 10:45	12/09/24 14:31	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	46.6		1.60	4.00	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	45.1		0.84	4.00	5.00	ug/L
95-48-7	2-Methylphenol	47.7		1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	49.5		1.20	8.00	10.0	ug/L
67-72-1	Hexachloroethane	45.2		1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	45.1		1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	45.1		1.30	4.00	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	47.0		0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.1		1.00	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	48.4		1.50	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	46.8		1.10	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	81.5	E	1.90	8.00	10.0	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141		19 - 119		94%	SPK: 150
13127-88-3	Phenol-d6	138		10 - 130		92%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.0		44 - 120		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.2		44 - 119		97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	148		43 - 140		99%	SPK: 150
1718-51-0	Terphenyl-d14	94.4		50 - 134		94%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73100		6.863			
1146-65-2	Naphthalene-d8	268000		8.145			
15067-26-2	Acenaphthene-d10	151000		9.904			
1517-22-2	Phenanthrene-d10	291000		11.398			
1719-03-5	Chrysene-d12	190000		14.051			
1520-96-3	Perylene-d12	142000		15.557			

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB165435BS	SDG No.:	P5117
Lab Sample ID:	PB165435BS	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
BF140788.D	1	12/06/24 10:45	12/09/24 14:31	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF120924\
 Data File : BF140788.D
 Acq On : 09 Dec 2024 14:31
 Operator : RC/JU
 Sample : PB165435BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 15:59:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73132	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	268344	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	151024	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	291303	20.000	ng	0.00
76) Chrysene-d12	14.051	240	190407	20.000	ng	0.00
86) Perylene-d12	15.557	264	142298	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	604690	141.077	ng	0.01
7) Phenol-d6	6.510	99	779920	137.637	ng	0.00
23) Nitrobenzene-d5	7.428	82	493160	94.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	239114	148.039	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	985105	97.187	ng	-0.01
79) Terphenyl-d14	12.980	244	1154710	94.431	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	75083	41.663	ng	98
3) Pyridine	3.487	79	184940	46.642	ng	99
4) n-Nitrosodimethylamine	3.446	42	102418	43.948	ng	91
6) Aniline	6.528	93	198117	49.674	ng	# 60
8) 2-Chlorophenol	6.657	128	224194	48.618	ng	96
9) Benzaldehyde	6.422	77	47889	15.964	ng	97
10) Phenol	6.528	94	282696	48.851	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	213656	48.248	ng	98
12) 1,3-Dichlorobenzene	6.804	146	234675	45.291	ng	98
13) 1,4-Dichlorobenzene	6.881	146	236406	45.060	ng	99
14) 1,2-Dichlorobenzene	7.034	146	226402	46.053	ng	99
15) Benzyl Alcohol	7.010	79	197779	47.065	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	245725	46.970	ng	67
17) 2-Methylphenol	7.128	107	176087	47.703	ng	96
18) Hexachloroethane	7.369	117	88663	45.248	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	157526	47.038	ng	98
20) 3+4-Methylphenols	7.281	107	234798	49.487	ng	# 90
22) Acetophenone	7.275	105	308157	47.104	ng	95
24) Nitrobenzene	7.451	77	244670	45.125	ng	96
25) Isophorone	7.687	82	426005	48.685	ng	99
26) 2-Nitrophenol	7.763	139	119856	49.881	ng	97
27) 2,4-Dimethylphenol	7.804	122	177273m	61.662	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	252551	47.377	ng	100
29) 2,4-Dichlorophenol	8.016	162	192153	50.440	ng	96
30) 1,2,4-Trichlorobenzene	8.087	180	200187	46.024	ng	100
31) Naphthalene	8.169	128	659550	47.717	ng	100
32) Benzoic acid	7.945	122	97104	40.190	ng	97
33) 4-Chloroaniline	8.222	127	105664	25.533	ng	98
34) Hexachlorobutadiene	8.281	225	129909	45.092	ng	99
35) Caprolactam	8.592	113	60000m	50.894	ng	
36) 4-Chloro-3-methylphenol	8.716	107	209630	49.149	ng	100
37) 2-Methylnaphthalene	8.857	142	434148	49.452	ng	99
38) 1-Methylnaphthalene	8.957	142	401097	46.610	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	213649	48.323	ng	99
41) Hexachlorocyclopentadiene	9.010	237	123015	119.792	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	130404	47.005	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140788.D
 Acq On : 09 Dec 2024 14:31
 Operator : RC/JU
 Sample : PB165435BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

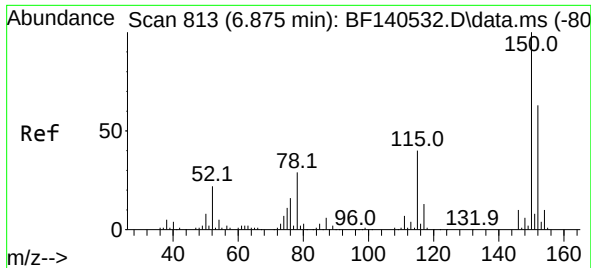
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 15:59:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138745	46.081	ng	97
46) 1,1'-Biphenyl	9.322	154	544616	48.300	ng	99
47) 2-Chloronaphthalene	9.351	162	402856	47.152	ng	99
48) 2-Nitroaniline	9.451	65	133454	48.664	ng	98
49) Acenaphthylene	9.769	152	668102	51.755	ng	99
50) Dimethylphthalate	9.622	163	482619	48.522	ng	100
51) 2,6-Dinitrotoluene	9.692	165	106240	47.097	ng	96
52) Acenaphthene	9.939	154	399206	48.670	ng	99
53) 3-Nitroaniline	9.869	138	71055	32.206	ng	93
54) 2,4-Dinitrophenol	9.986	184	107779	91.056	ng	94
55) Dibenzofuran	10.110	168	609172	48.690	ng	99
56) 4-Nitrophenol	10.051	139	129552	86.100	ng	97
57) 2,4-Dinitrotoluene	10.104	165	145072	48.389	ng	95
58) Fluorene	10.457	166	491872	48.980	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	122516	52.946	ng	91
60) Diethylphthalate	10.322	149	484343	47.928	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	239856	48.669	ng	95
62) 4-Nitroaniline	10.486	138	111708	48.276	ng	94
63) Azobenzene	10.604	77	455652	47.612	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	80019	53.756	ng	96
66) n-Nitrosodiphenylamine	10.563	169	425471	49.390	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	141435	47.145	ng	97
68) Hexachlorobenzene	11.004	284	162708	46.840	ng	97
69) Atrazine	11.092	200	135438	55.886	ng	99
70) Pentachlorophenol	11.210	266	124566	81.477	ng	100
71) Phenanthrene	11.422	178	702145	50.144	ng	99
72) Anthracene	11.475	178	713823	52.114	ng	100
73) Carbazole	11.633	167	661646	50.213	ng	100
74) Di-n-butylphthalate	11.951	149	726470	47.754	ng	99
75) Fluoranthene	12.616	202	779823	51.293	ng	100
77) Benzidine	12.739	184	192710	34.810	ng	99
78) Pyrene	12.845	202	799086	45.388	ng	100
80) Butylbenzylphthalate	13.451	149	290428	45.793	ng	99
81) Benzo(a)anthracene	14.039	228	624066	49.513	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	133825	35.364	ng	98
83) Chrysene	14.080	228	586907	50.924	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	342209	42.732	ng	100
85) Di-n-octyl phthalate	14.639	149	438390	40.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	465855	50.236	ng	99
88) Benzo(b)fluoranthene	15.116	252	478015	53.482	ng	99
89) Benzo(k)fluoranthene	15.145	252	380212	48.611	ng	99
90) Benzo(a)pyrene	15.492	252	391696	53.899	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	374312	49.287	ng	99
92) Benzo(g,h,i)perylene	17.533	276	359573	46.398	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

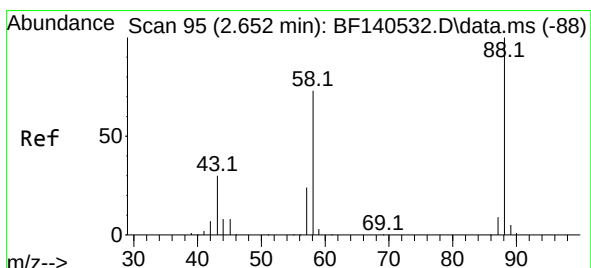
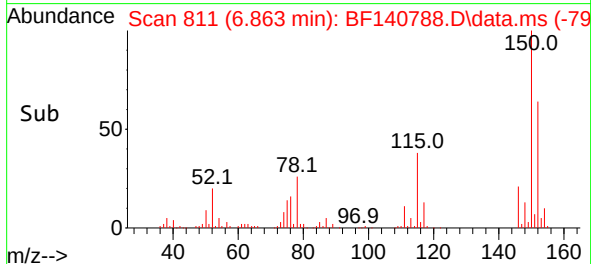
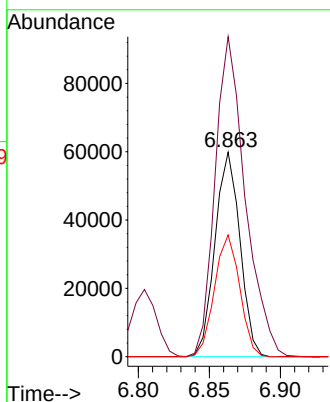
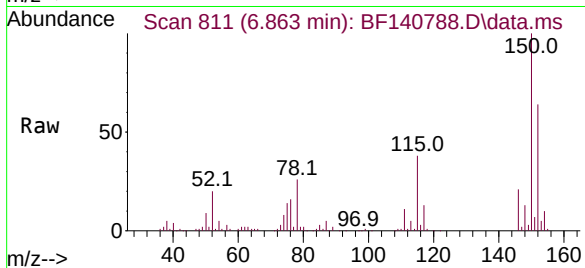
PB165435BS

Tgt Ion:152 Resp: 7313
 Ion Ratio Lower Upper
 152 100
 150 156.4 128.5 192.7
 115 59.5 50.2 75.4

Manual Integrations

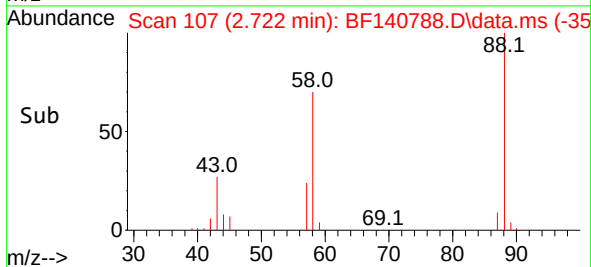
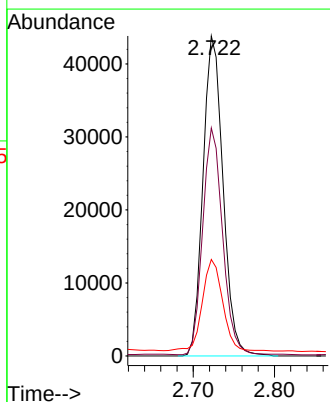
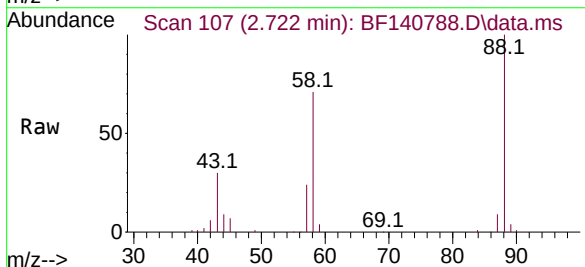
APPROVED

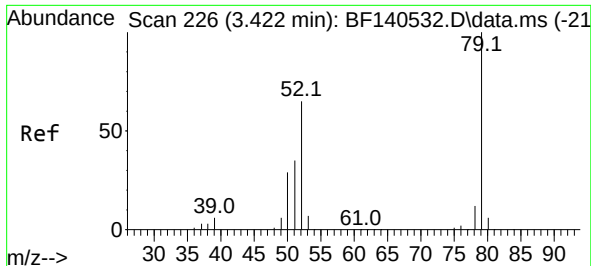
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024



#2
 1,4-Dioxane
 Concen: 41.663 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.071 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

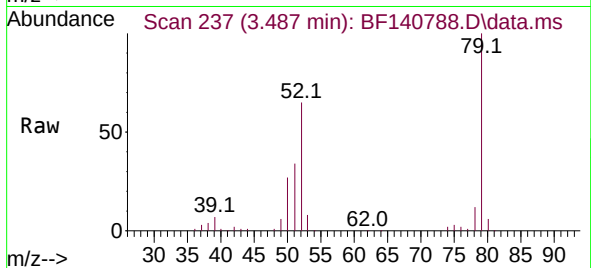
Tgt Ion: 88 Resp: 75083
 Ion Ratio Lower Upper
 88 100
 58 70.4 57.4 86.2
 43 29.1 24.3 36.5





#3
Pyridine
Concen: 46.642 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

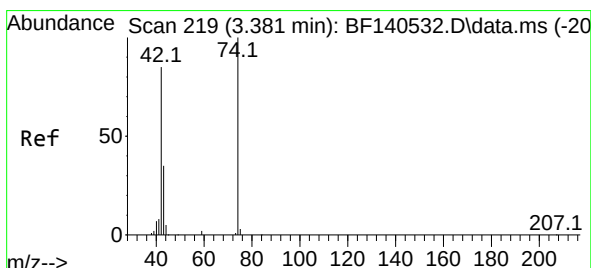
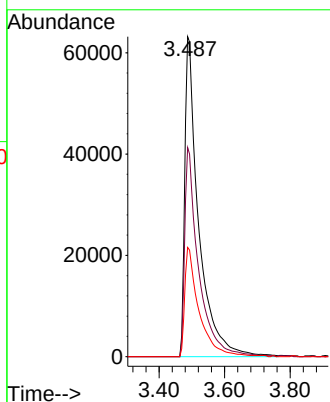
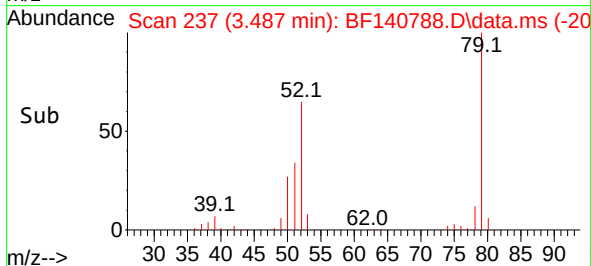
Instrument :
BNA_F
ClientSampleId :
PB165435BS



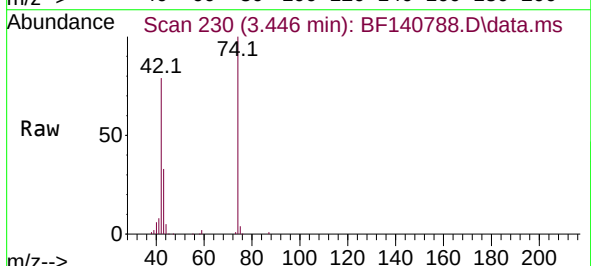
Tgt Ion: 79 Resp: 184940
Ion Ratio Lower Upper
79 100
52 65.4 52.1 78.1
51 34.2 27.8 41.8

Manual Integrations
APPROVED

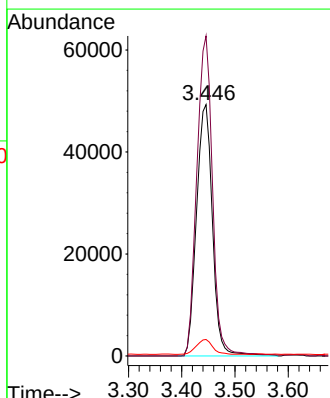
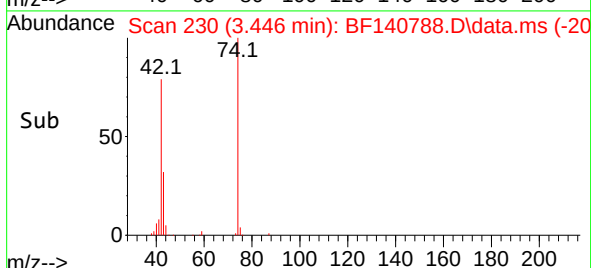
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

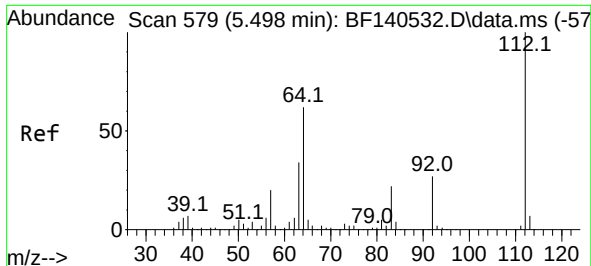


#4
n-Nitrosodimethylamine
Concen: 43.948 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.065 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion: 42 Resp: 102418
Ion Ratio Lower Upper
42 100
74 127.3 93.8 140.6
44 6.5 4.6 6.8





#5
2-Fluorophenol
Concen: 141.077 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

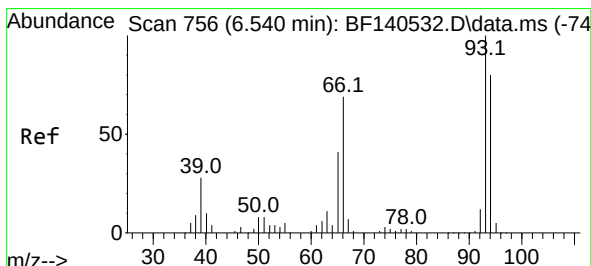
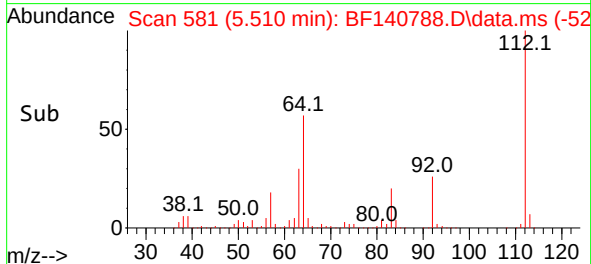
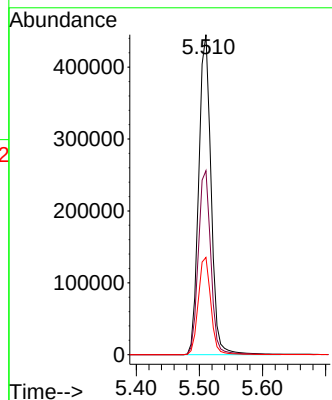
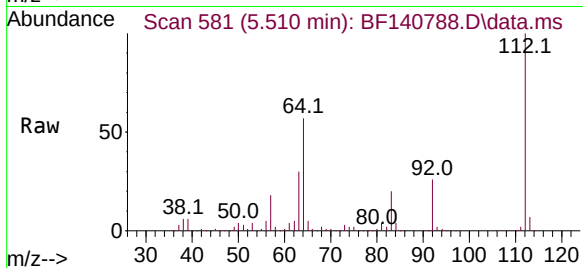
PB165435BS

Tgt Ion:112 Resp: 604690
Ion Ratio Lower Upper
112 100
64 57.5 49.2 73.8
63 30.4 27.0 40.4

Manual Integrations

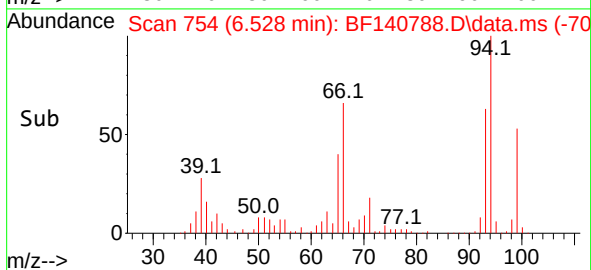
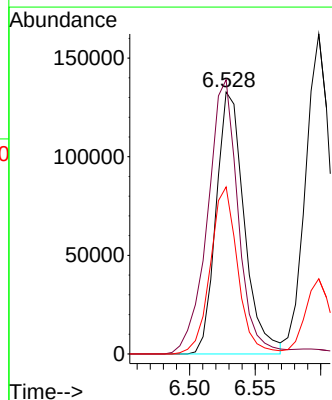
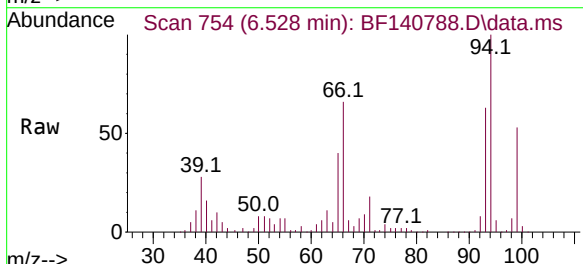
APPROVED

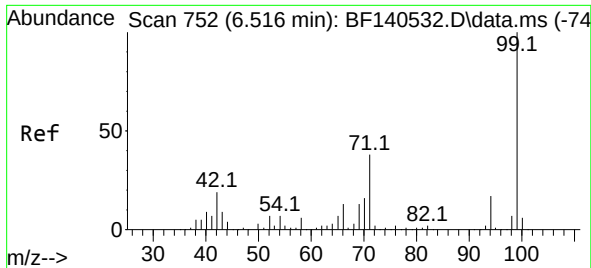
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 49.674 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

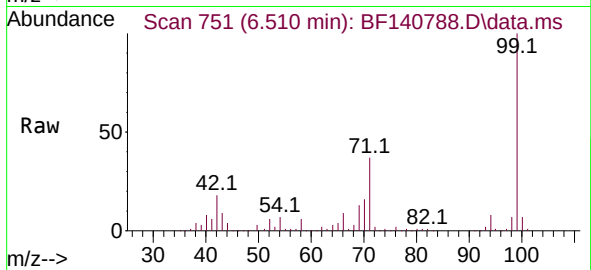
Tgt Ion: 93 Resp: 198117
Ion Ratio Lower Upper
93 100
66 104.7 56.5 84.7#
65 63.8 32.9 49.3#





#7
Phenol-d6
Concen: 137.637 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

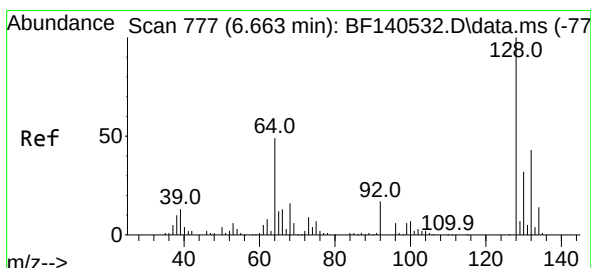
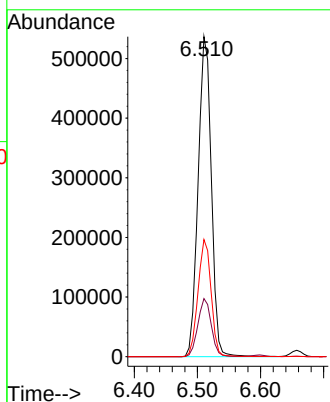
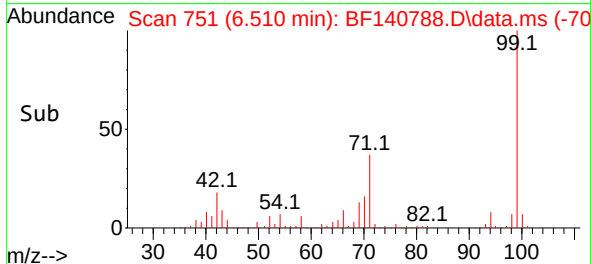
Instrument :
BNA_F
ClientSampleId :
PB165435BS



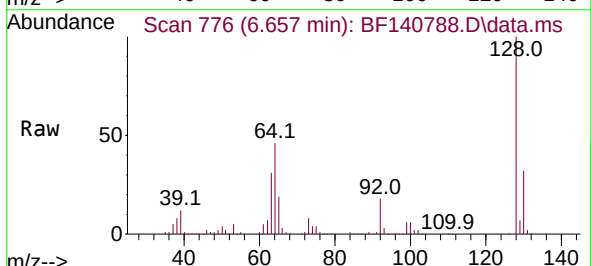
Tgt Ion: 99 Resp: 779920
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.6 30.6 46.0

Manual Integrations
APPROVED

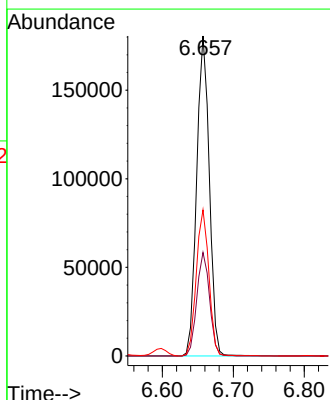
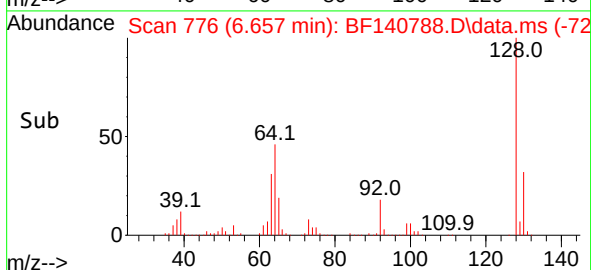
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

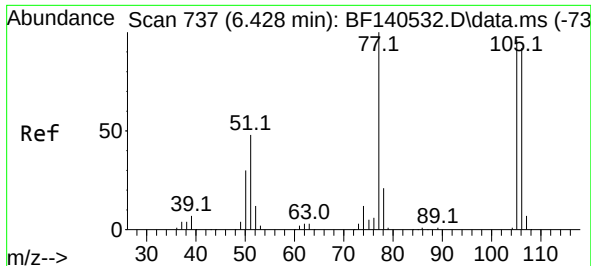


#8
2-Chlorophenol
Concen: 48.618 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:128 Resp: 224194
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 45.7 30.2 70.2





#9
Benzaldehyde
Concen: 15.964 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

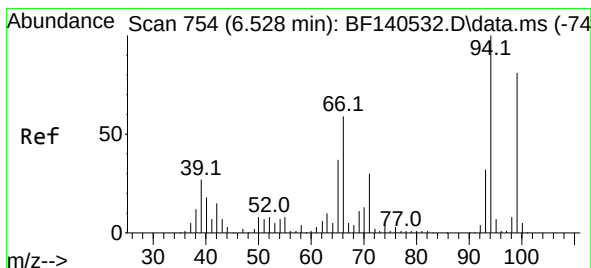
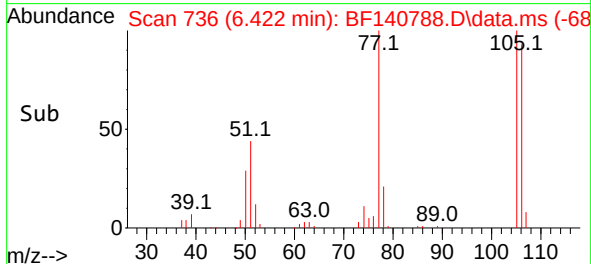
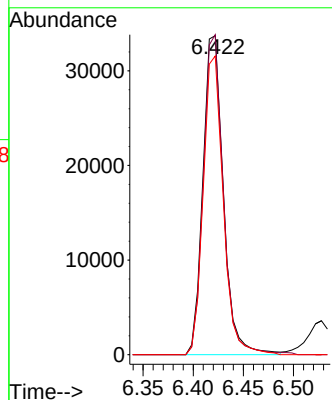
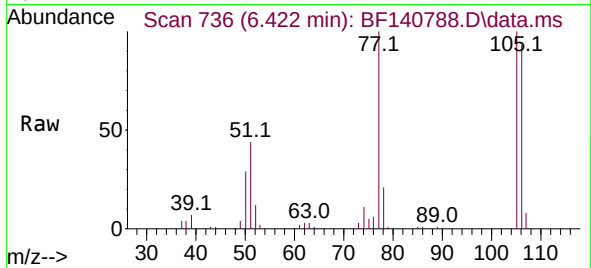
ClientSampleId :

PB165435BS

Tgt Ion: 77 Resp: 47889
Ion Ratio Lower Upper
77 100
105 100.3 75.6 115.6
106 93.6 72.0 112.0

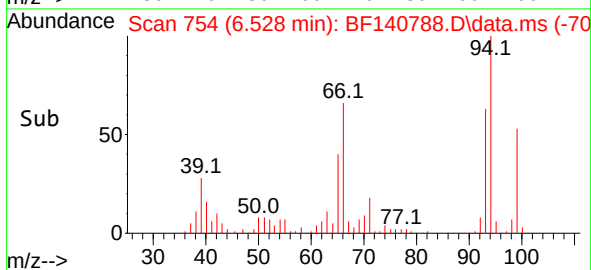
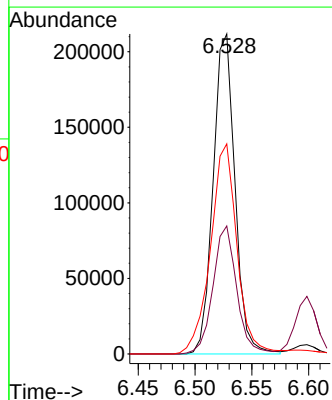
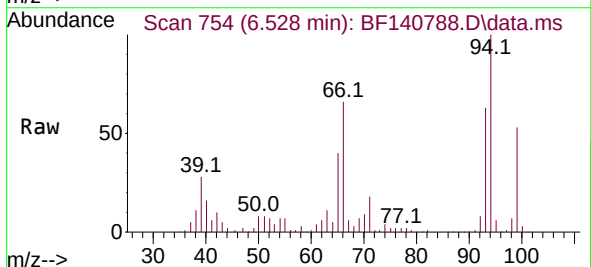
Manual Integrations
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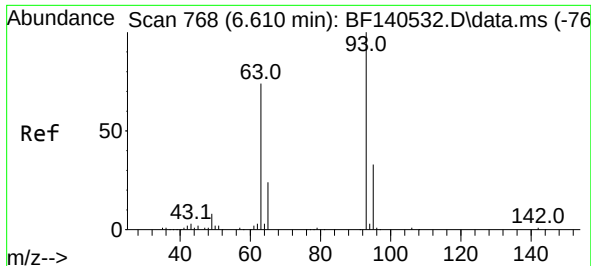
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Phenol
Concen: 48.851 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 94 Resp: 282696
Ion Ratio Lower Upper
94 100
65 40.0 17.2 57.2
66 65.7 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 48.248 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

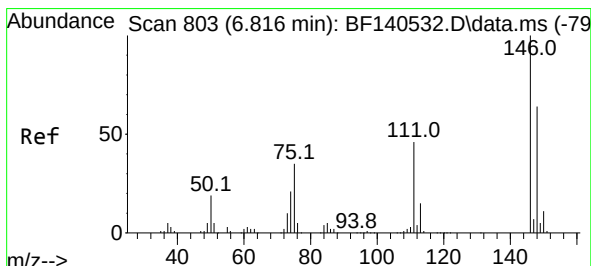
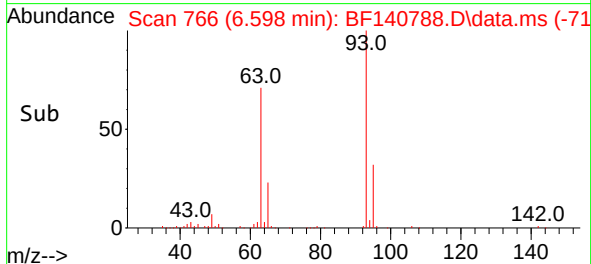
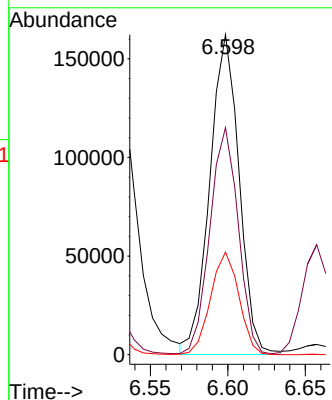
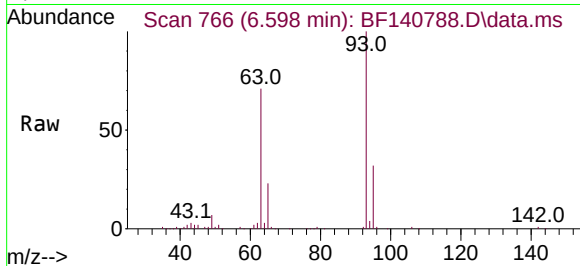
ClientSampleId :

PB165435BS

Tgt Ion: 93 Resp: 213650
Ion Ratio Lower Upper
93 100
63 70.9 52.8 92.8
95 32.1 12.3 52.3

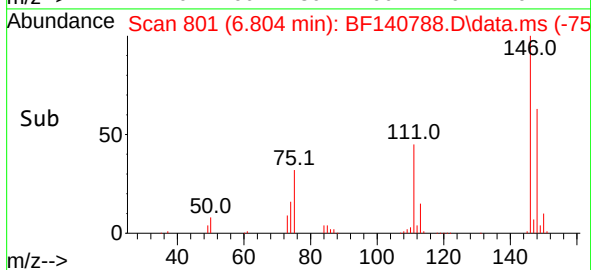
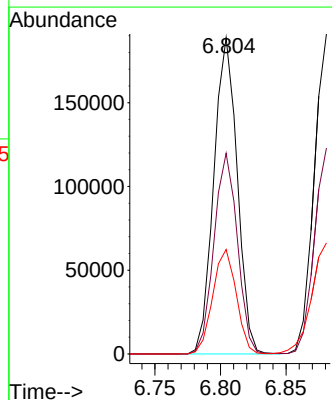
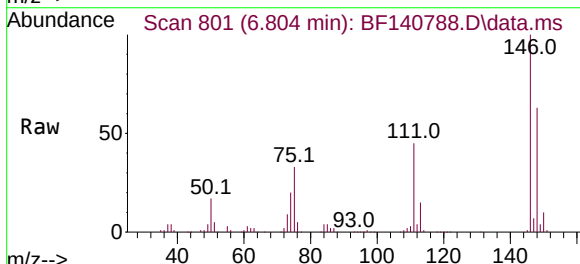
Manual Integrations
APPROVED

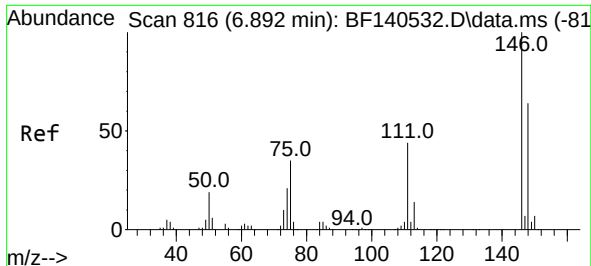
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 45.291 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:146 Resp: 234675
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.0 28.2 42.2





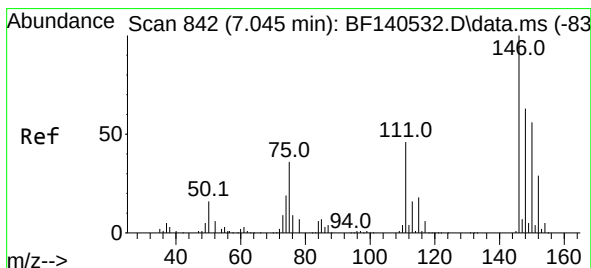
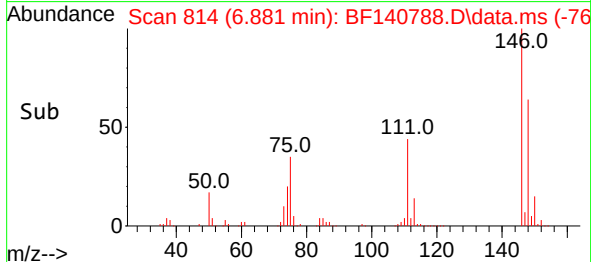
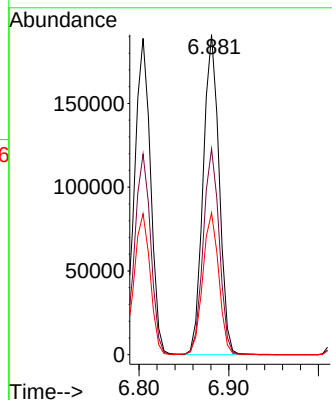
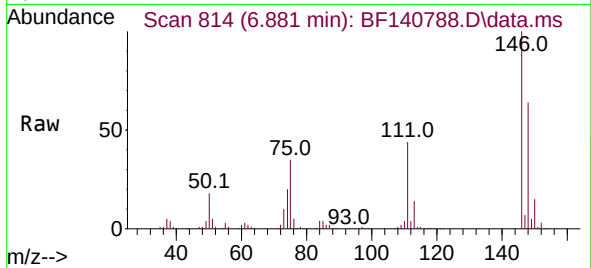
#13
1,4-Dichlorobenzene
Concen: 45.060 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :
BNA_F
ClientSampleId :
PB165435BS

Tgt Ion:146 Resp: 236400
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 44.3 35.3 52.9

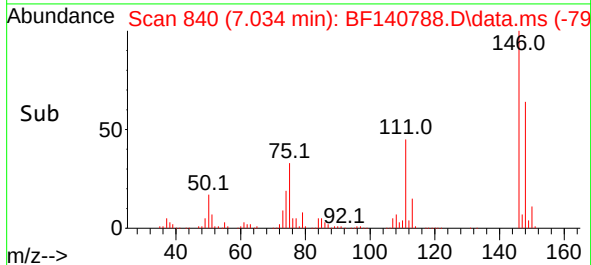
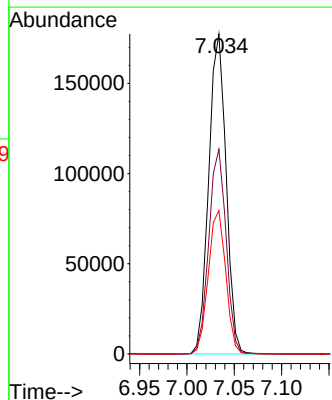
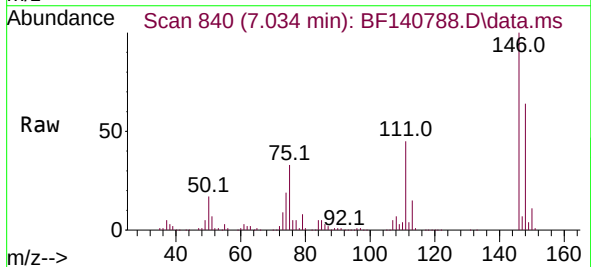
Manual Integrations
APPROVED

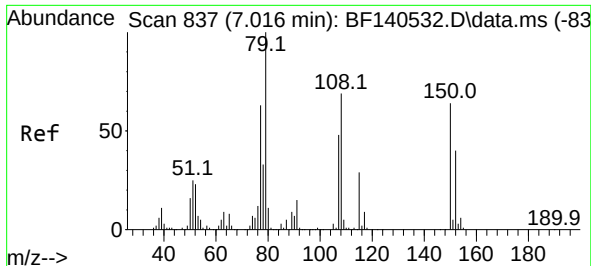
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 46.053 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

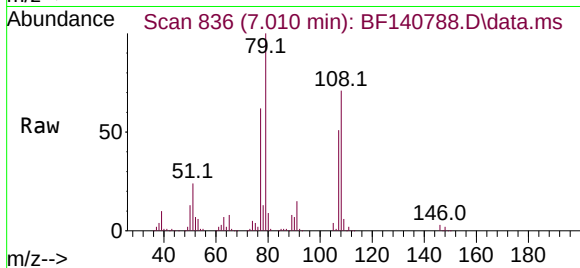
Tgt Ion:146 Resp: 226402
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 44.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 47.065 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

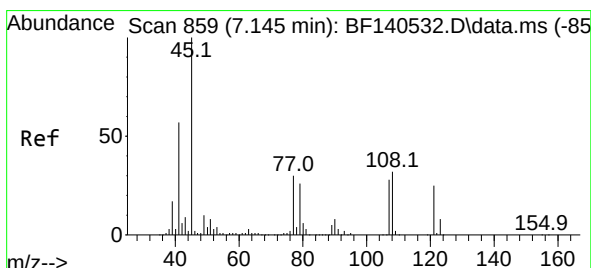
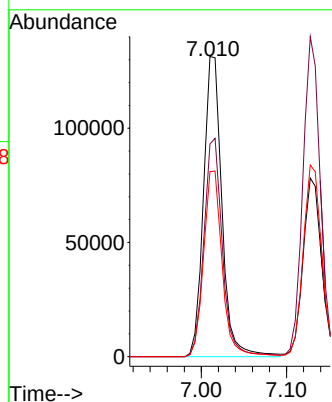
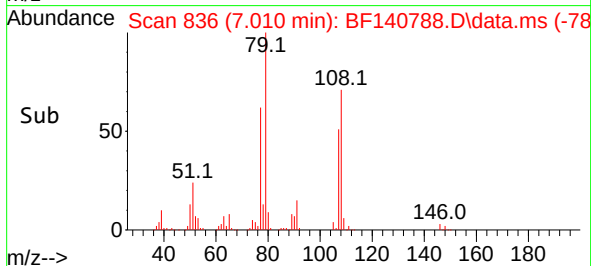
Instrument :
BNA_F
ClientSampleId :
PB165435BS



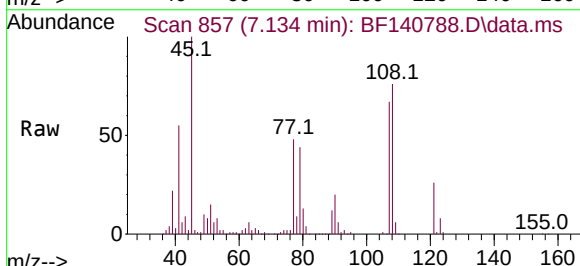
Tgt Ion: 79 Resp: 197779
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 61.7 50.1 75.1

Manual Integrations
APPROVED

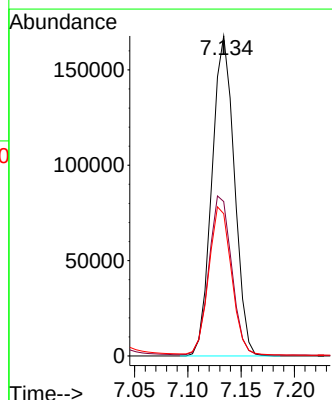
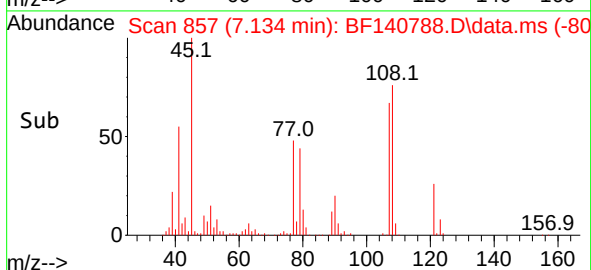
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

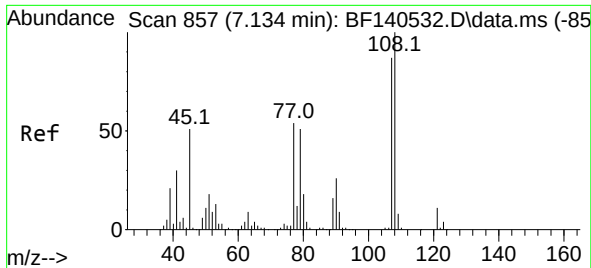


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.970 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion: 45 Resp: 245725
Ion Ratio Lower Upper
45 100
77 48.3 10.7 50.7
79 44.4 7.0 47.0





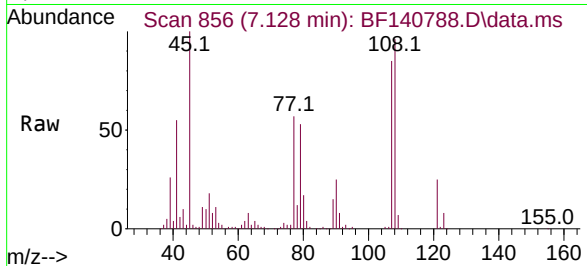
#17
2-Methylphenol
Concen: 47.703 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

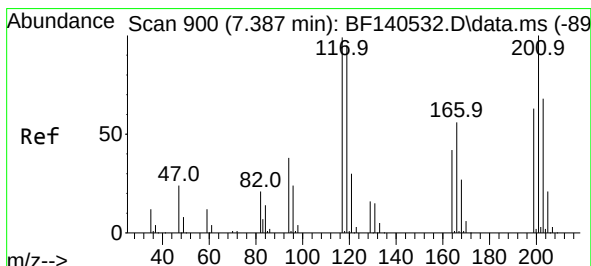
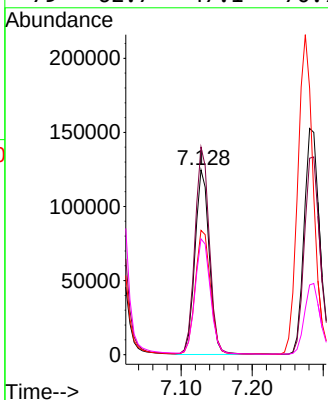
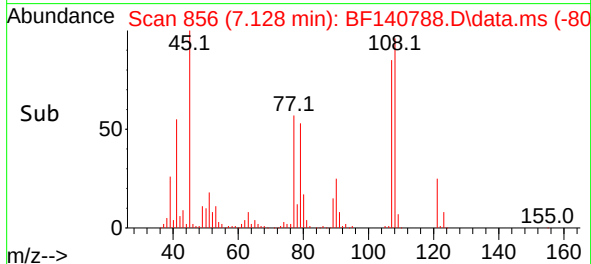
PB165435BS



Tgt Ion:107 Resp: 17608
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 67.3 49.3 73.9
79 62.7 47.1 70.7

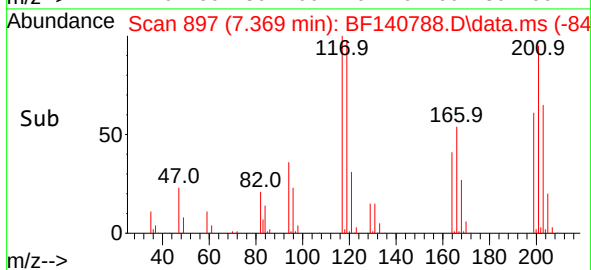
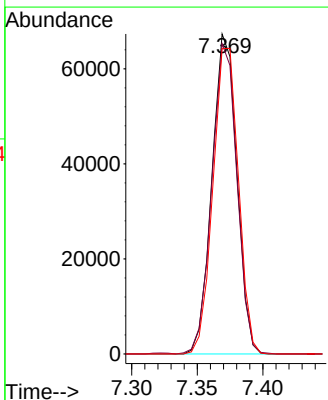
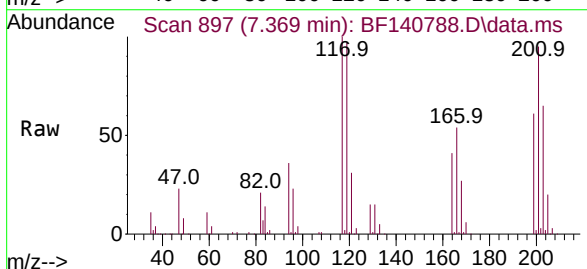
Manual Integrations
APPROVED

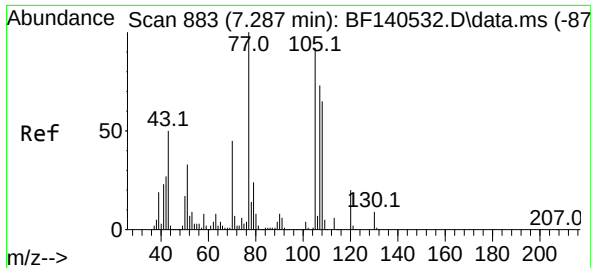
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 45.248 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:117 Resp: 88663
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7
201 95.4 81.1 121.7





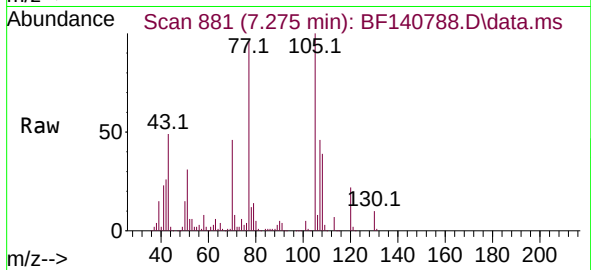
#19
n-Nitroso-di-n-propylamine
Concen: 47.038 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

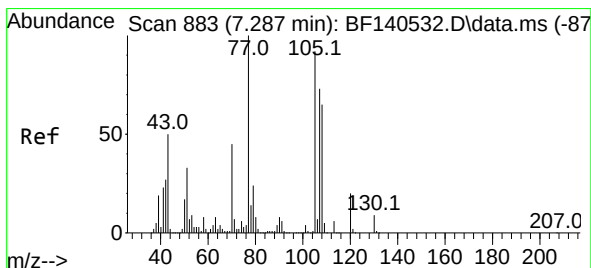
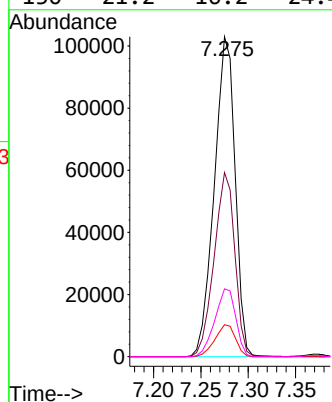
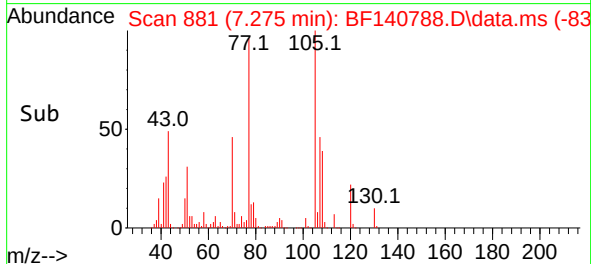


Tgt Ion: 70 Resp: 157520
Ion Ratio Lower Upper
70 100
42 57.5 47.6 71.4
101 10.0 7.6 11.4
130 21.2 16.2 24.4

Manual Integrations

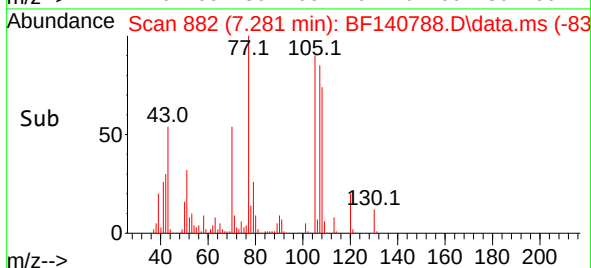
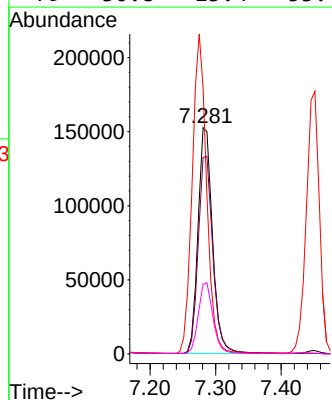
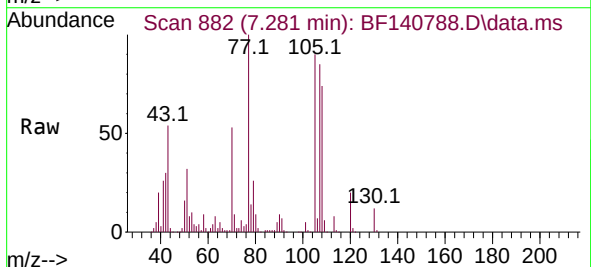
APPROVED

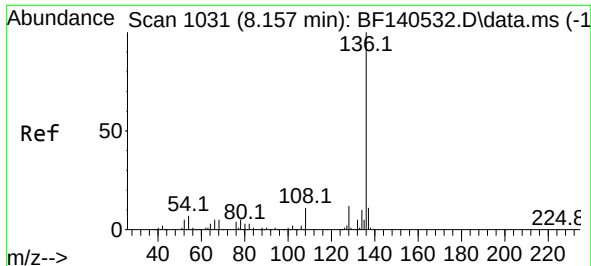
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#20
3+4-Methylphenols
Concen: 49.487 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:107 Resp: 234798
Ion Ratio Lower Upper
107 100
108 86.9 69.9 109.9
77 117.6 117.7 157.7#
79 30.8 13.4 53.4





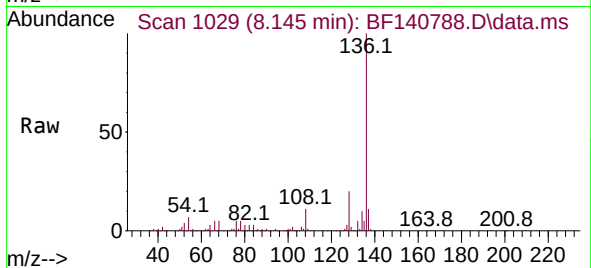
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



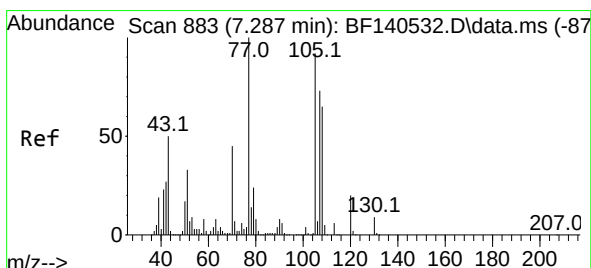
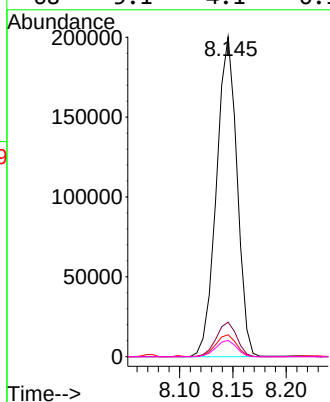
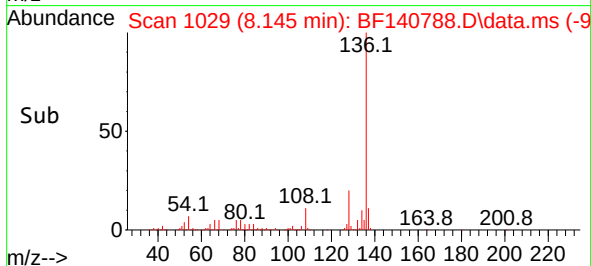
Tgt Ion:136 Resp: 268344
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

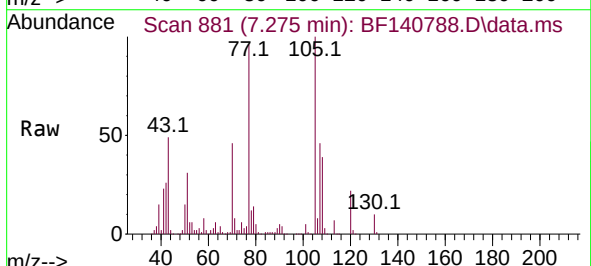
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

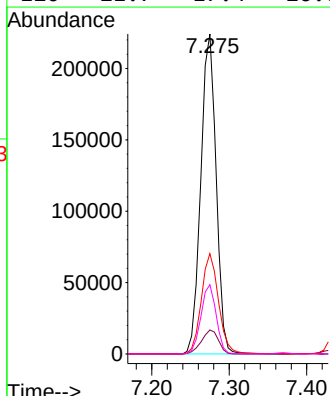
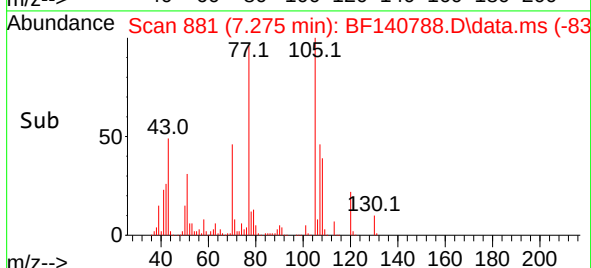
Supervised By :mohammad ahmed 12/12/2024

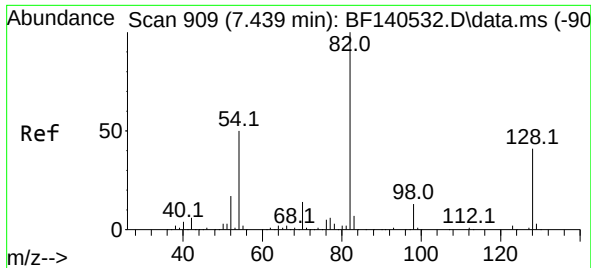


#22
Acetophenone
Concen: 47.104 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:105 Resp: 308157
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.2
51 31.3 29.0 43.6
120 21.7 17.4 26.0





#23
Nitrobenzene-d5
Concen: 94.003 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

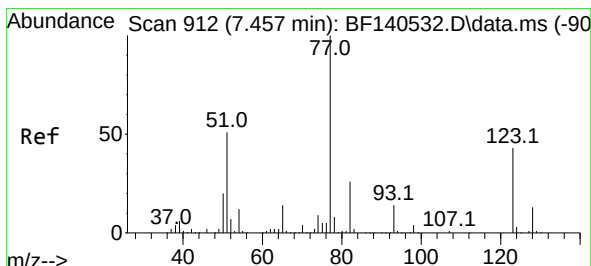
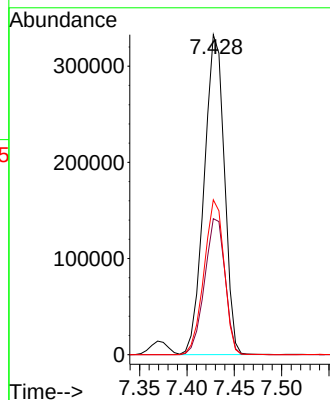
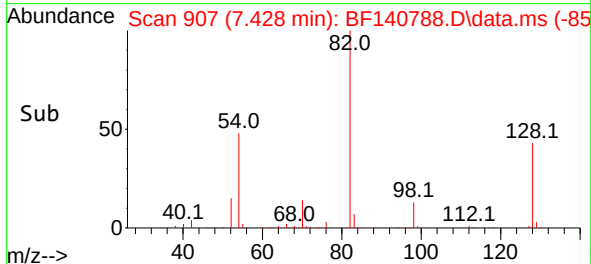
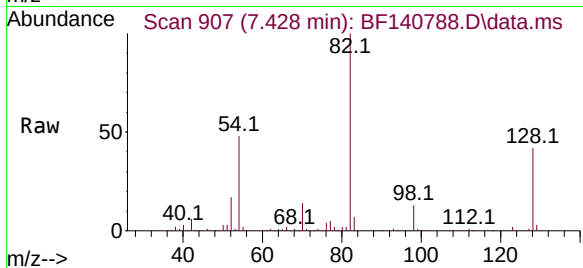
PB165435BS

Tgt Ion: 82 Resp: 493160
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.4 39.5 59.3

Manual Integrations

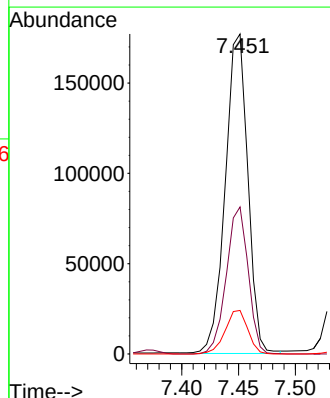
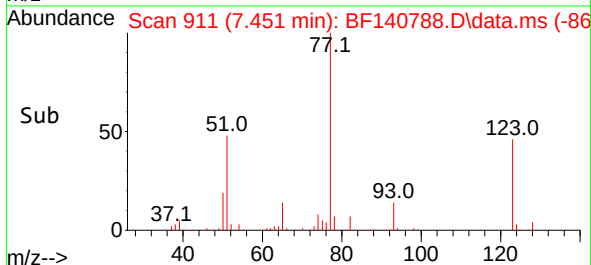
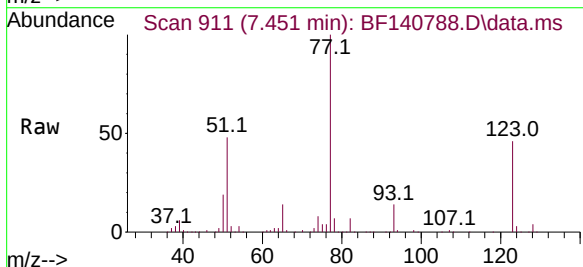
APPROVED

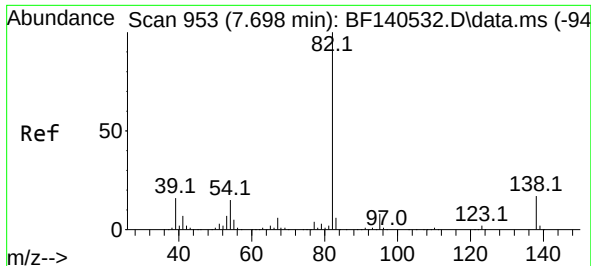
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Nitrobenzene
Concen: 45.125 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 77 Resp: 244670
Ion Ratio Lower Upper
77 100
123 45.9 34.3 51.5
65 13.6 11.2 16.8





#25
Isophorone
Concen: 48.685 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

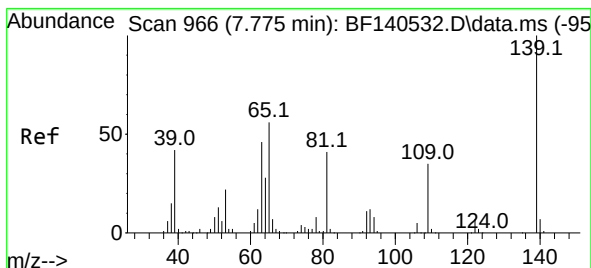
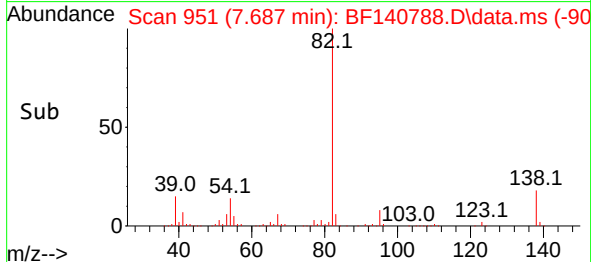
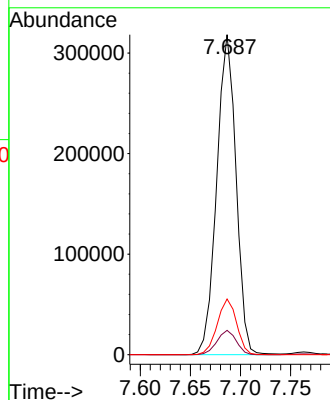
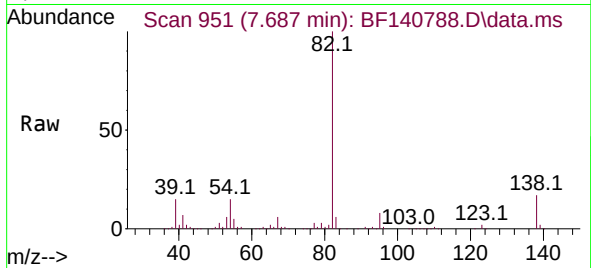
ClientSampleId :

PB165435BS

Tgt Ion: 82 Resp: 42600
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.4 13.8 20.6

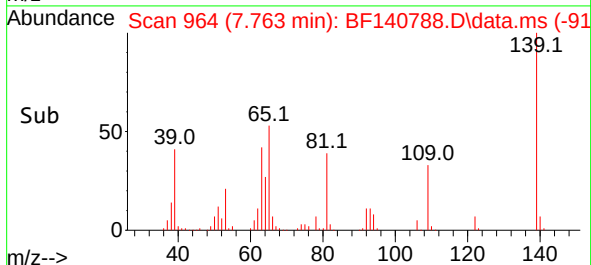
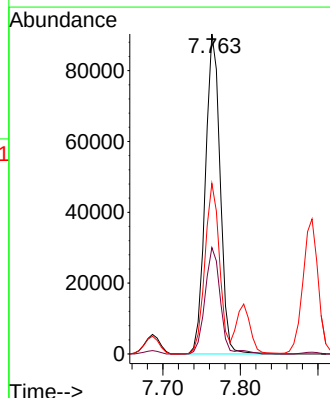
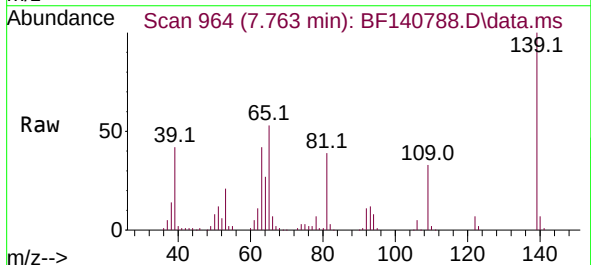
Manual Integrations
APPROVED

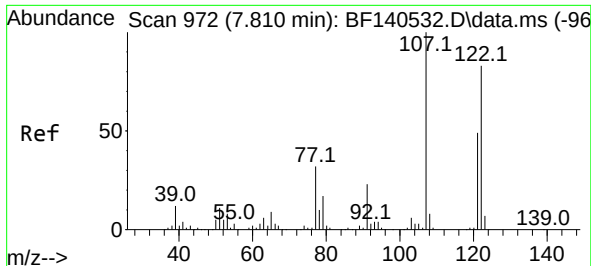
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 49.881 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:139 Resp: 119856
Ion Ratio Lower Upper
139 100
109 33.3 28.0 42.0
65 53.3 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 61.662 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

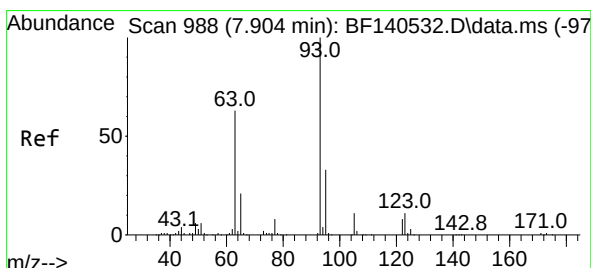
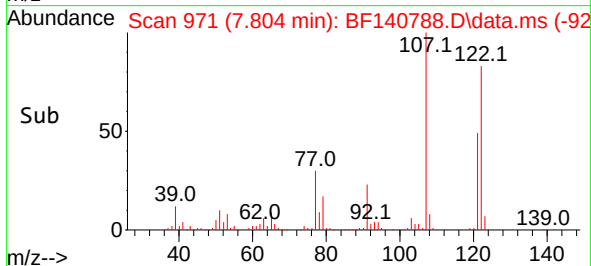
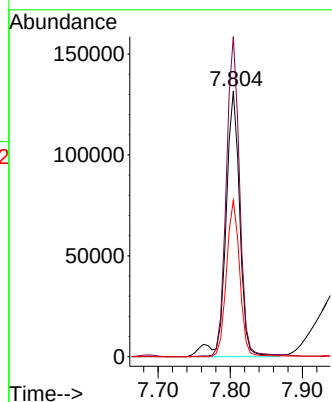
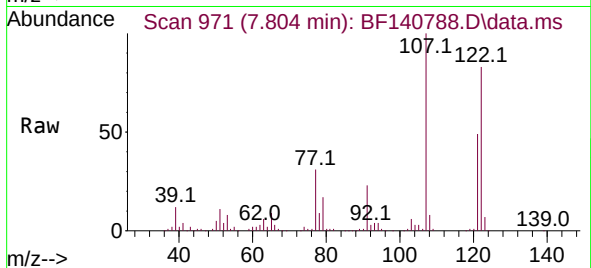
PB165435BS

Tgt Ion:122 Resp: 17727
Ion Ratio Lower Upper
122 100
107 120.5 96.8 145.2
121 58.9 47.4 71.0

Manual Integrations

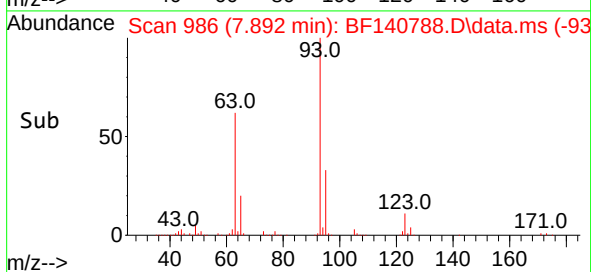
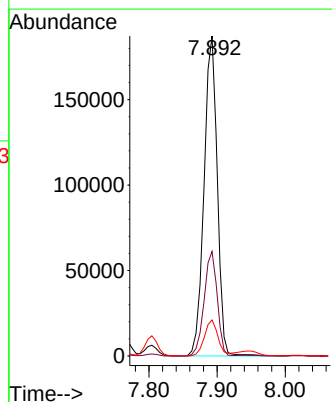
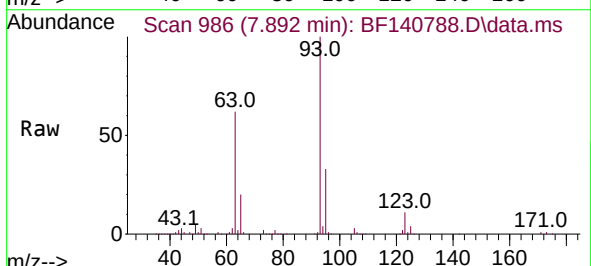
APPROVED

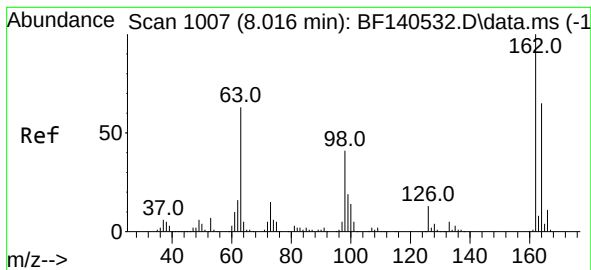
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.377 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 93 Resp: 252551
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.3 9.1 13.7





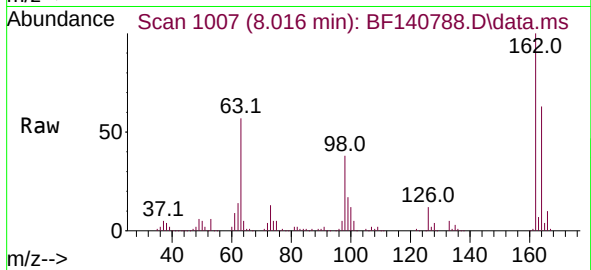
#29
2,4-Dichlorophenol
Concen: 50.440 ng
RT: 8.016 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



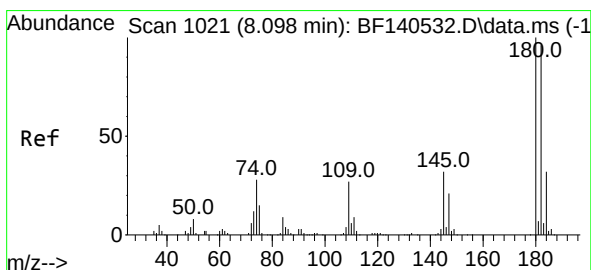
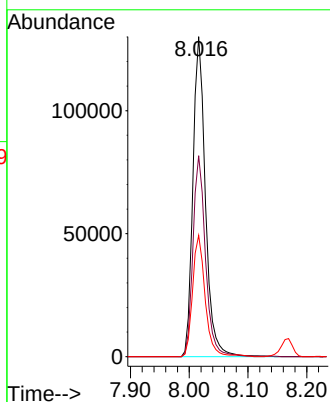
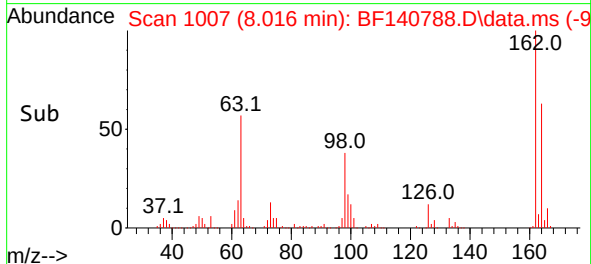
Tgt Ion:162 Resp: 19215
Ion Ratio Lower Upper
162 100
164 62.8 44.8 84.8
98 37.9 21.2 61.2

Manual Integrations

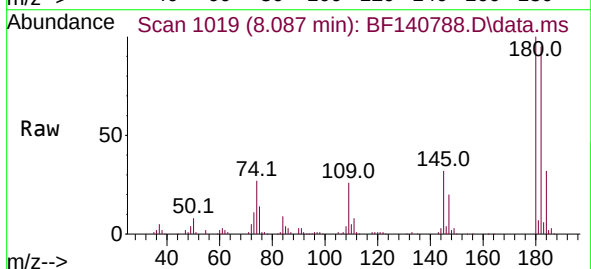
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

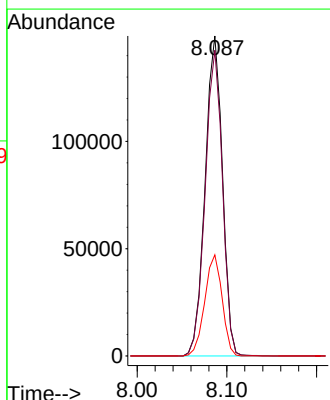
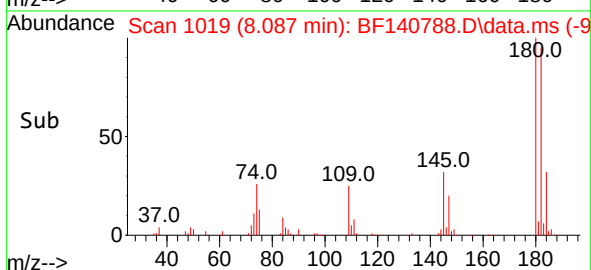
Supervised By :mohammad ahmed 12/12/2024

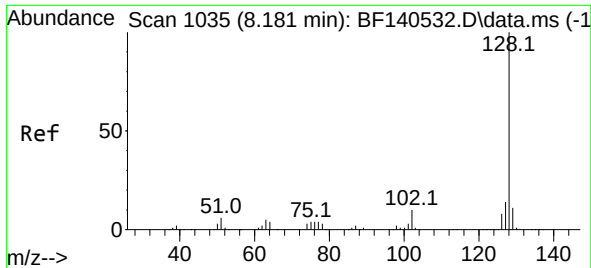


#30
1,2,4-Trichlorobenzene
Concen: 46.024 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:180 Resp: 200187
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 31.6 25.9 38.9





#31
Naphthalene
Concen: 47.717 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

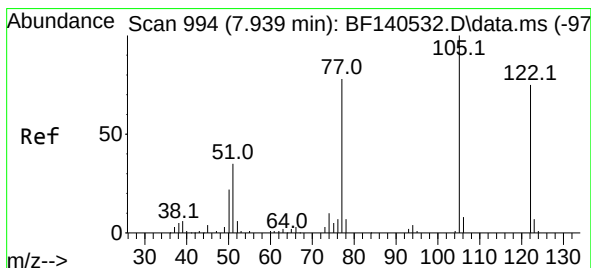
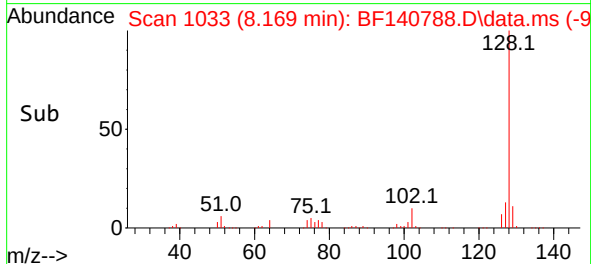
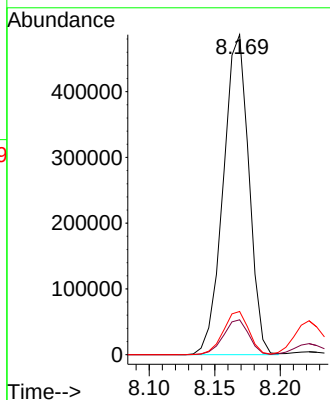
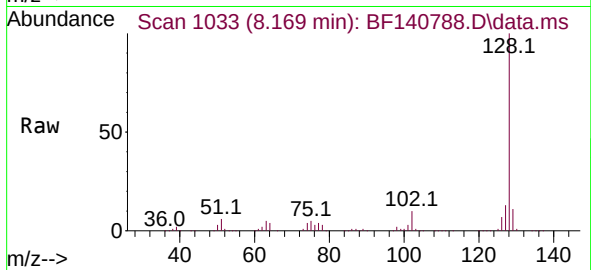
ClientSampleId :

PB165435BS

Tgt Ion:128 Resp: 659550
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.8 16.2

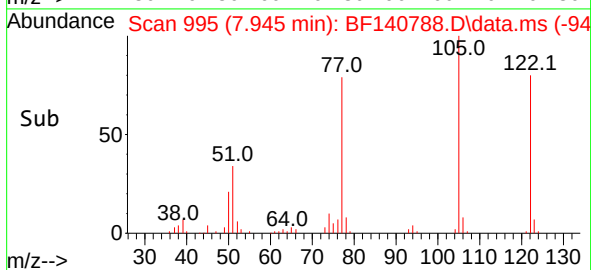
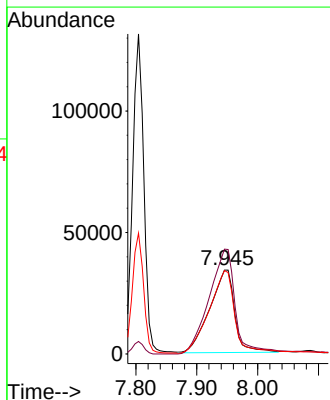
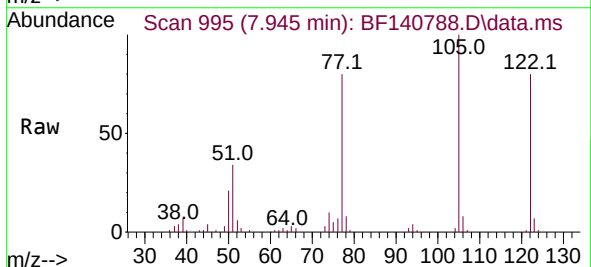
Manual Integrations
APPROVED

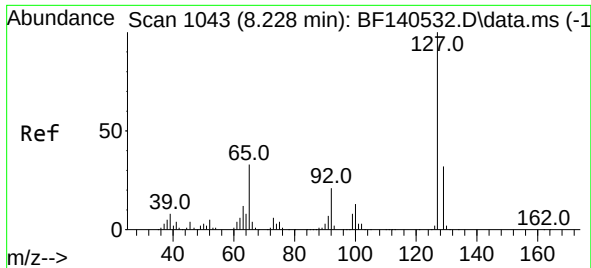
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#32
Benzoic acid
Concen: 40.190 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:122 Resp: 97104
Ion Ratio Lower Upper
122 100
105 125.0 109.3 149.3
77 99.5 82.3 122.3





#33
4-Chloroaniline
Concen: 25.533 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

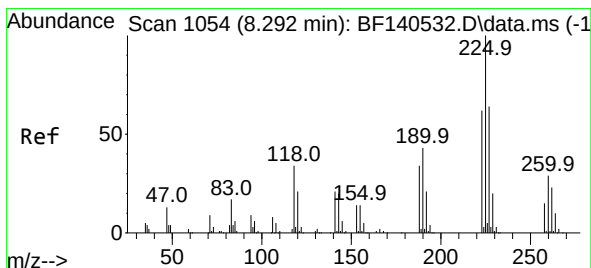
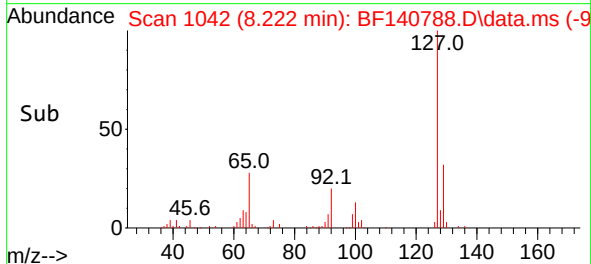
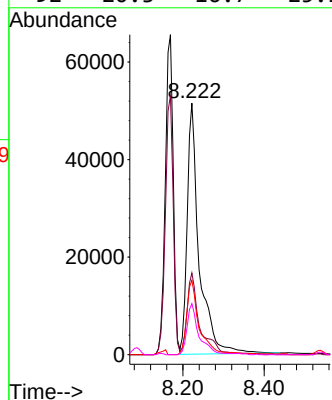
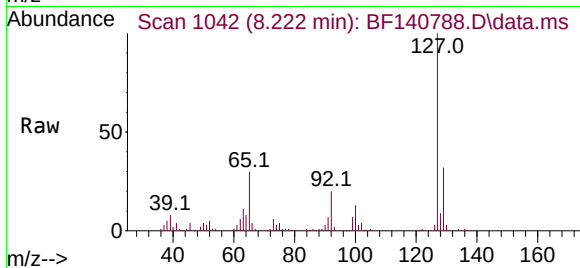
Tgt Ion:127 Resp: 10566
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 29.6 26.0 39.0
92 20.3 16.7 25.1

Manual Integrations

APPROVED

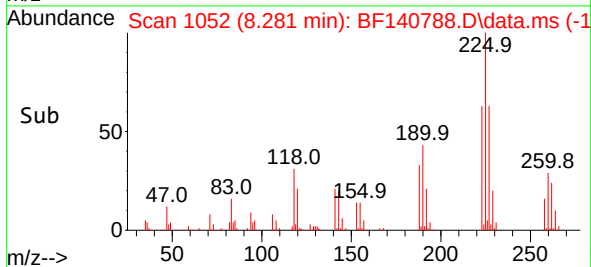
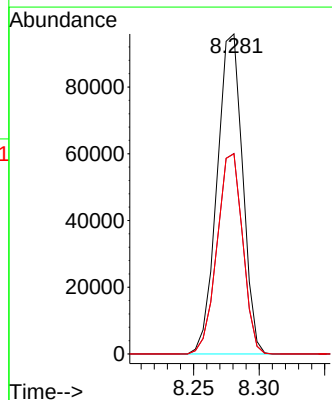
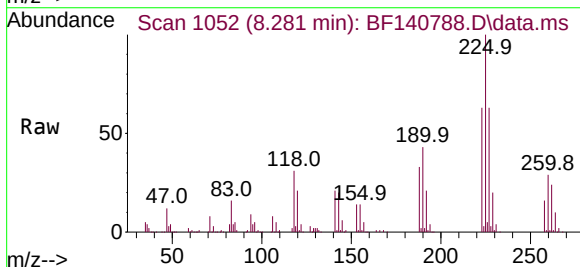
Reviewed By :Yogesh Patel 12/11/2024

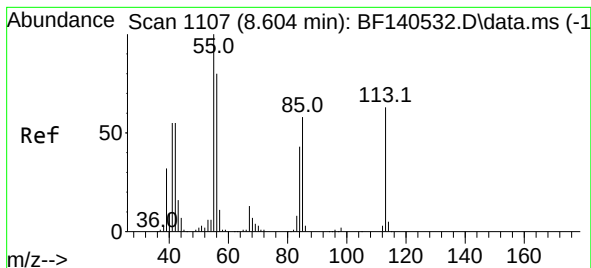
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 45.092 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:225 Resp: 129909
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 62.5 51.3 76.9





#35

Caprolactam

Concen: 50.894 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

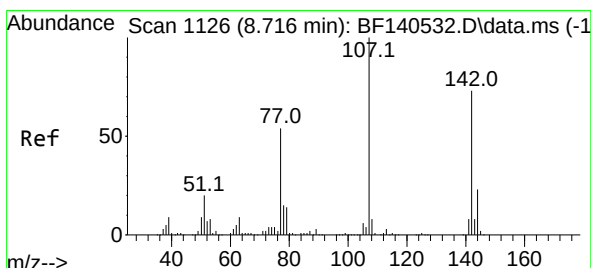
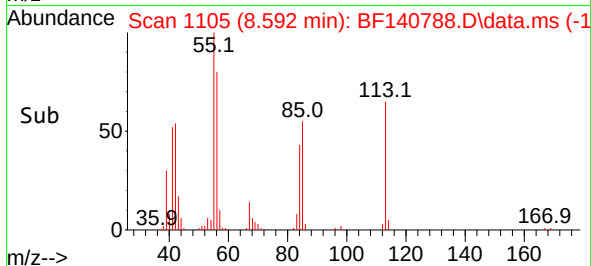
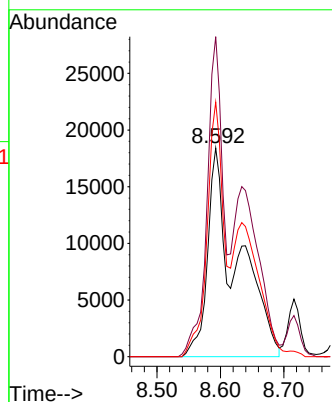
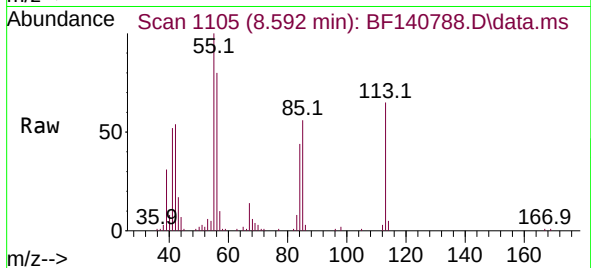
Tgt Ion:	113	Resp:	60000
Ion Ratio	Lower	Upper	
113	100		
55	153.4	137.7	177.7
56	122.0	106.4	146.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#36

4-Chloro-3-methylphenol

Concen: 49.149 ng

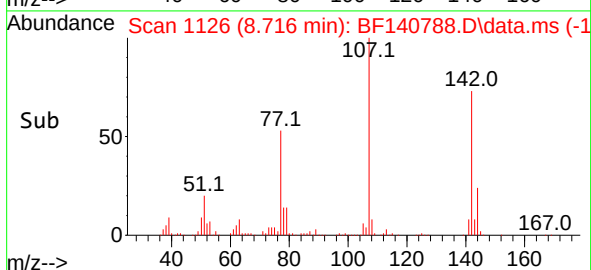
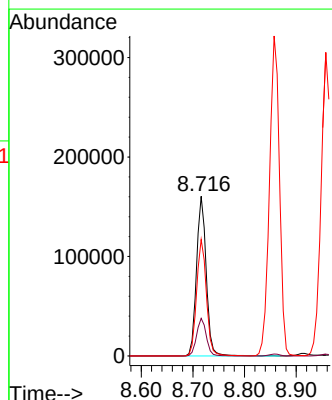
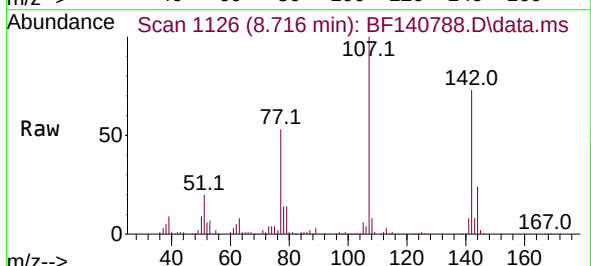
RT: 8.716 min Scan# 1126

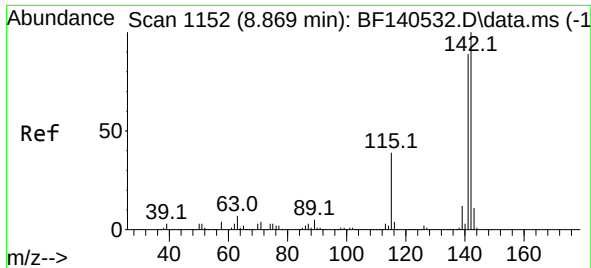
Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Tgt Ion:	107	Resp:	209630
Ion Ratio	Lower	Upper	
107	100		
144	23.6	18.7	28.1
142	72.9	58.3	87.5





#37
2-Methylnaphthalene
Concen: 49.452 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

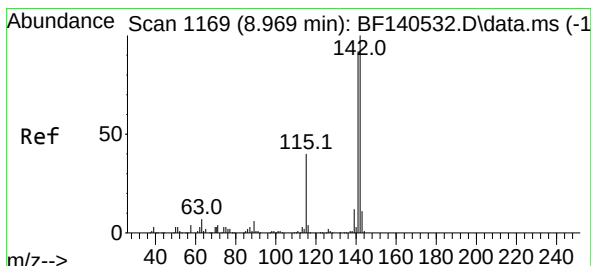
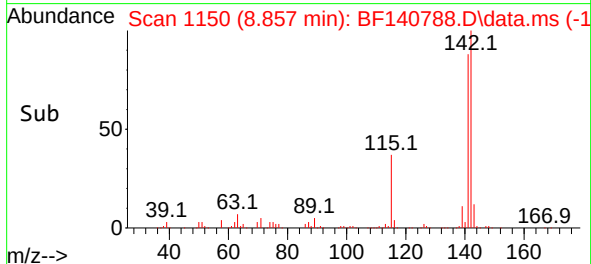
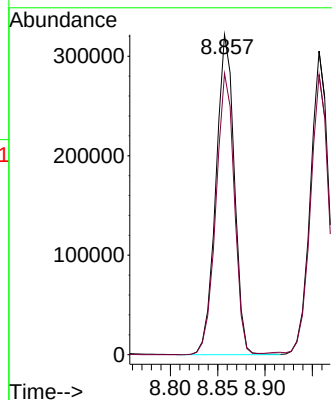
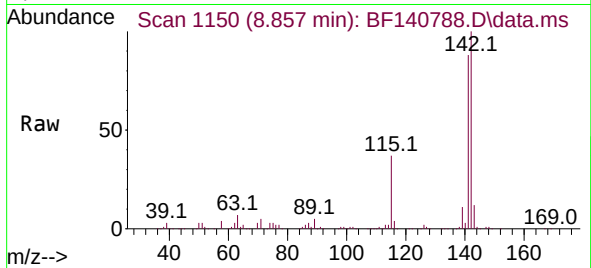
PB165435BS

Tgt Ion:142 Resp: 43414
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6

Manual Integrations

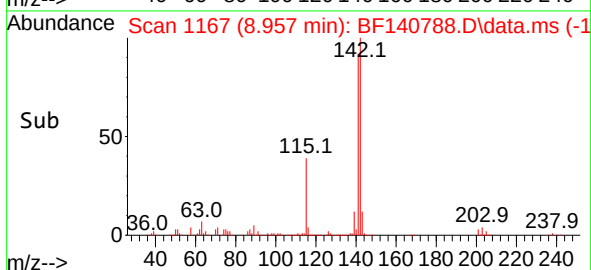
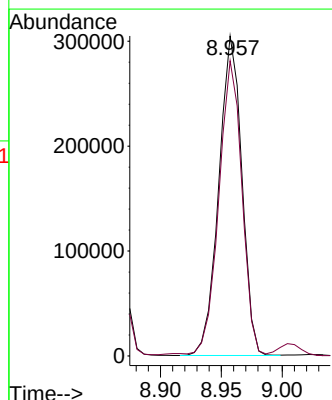
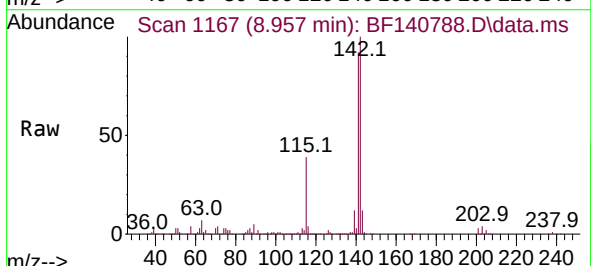
APPROVED

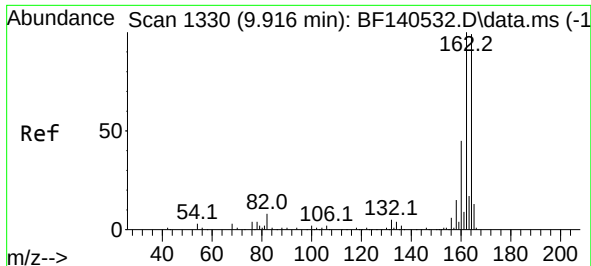
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 46.610 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:142 Resp: 401097
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





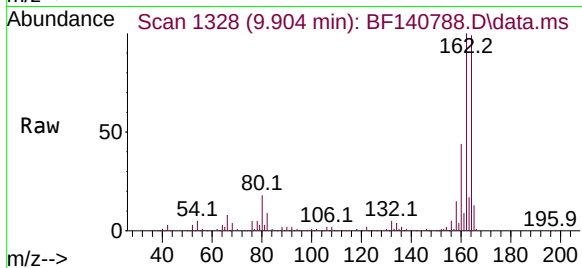
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



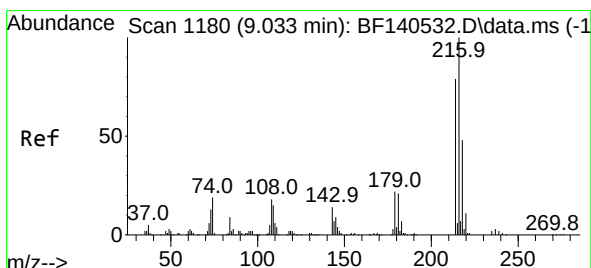
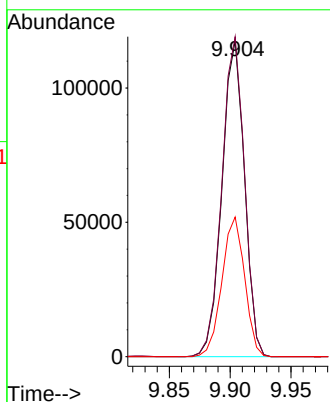
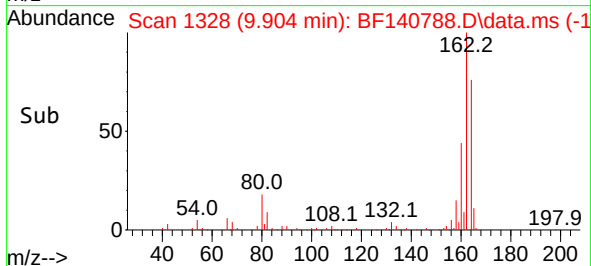
Tgt Ion:164 Resp: 151024
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.2 36.2 54.4

Manual Integrations

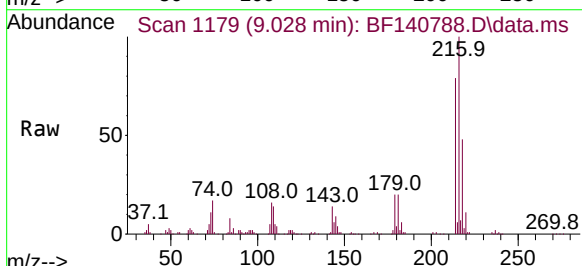
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

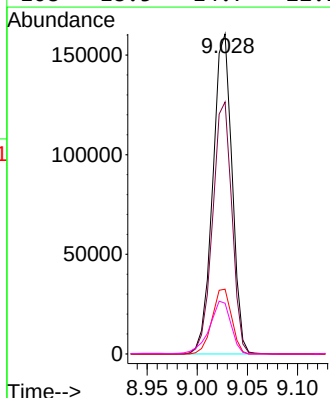
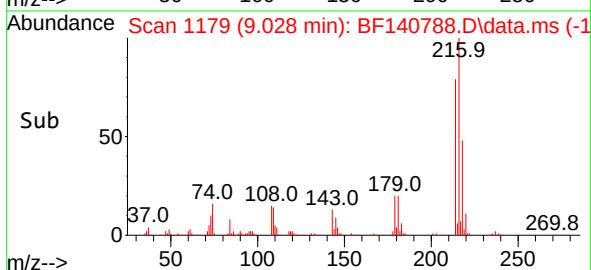
Supervised By :mohammad ahmed 12/12/2024

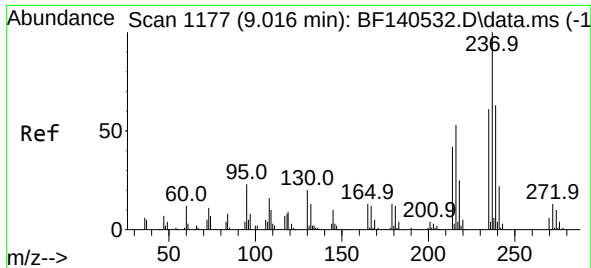


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.323 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:216 Resp: 213649
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 20.5 17.5 26.3
108 18.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 119.792 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

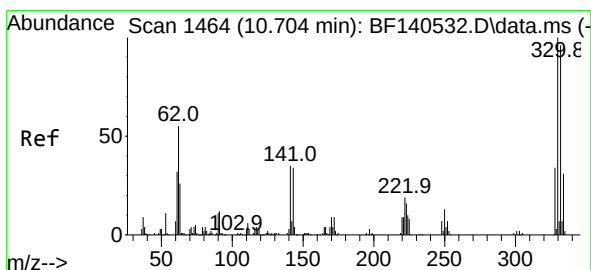
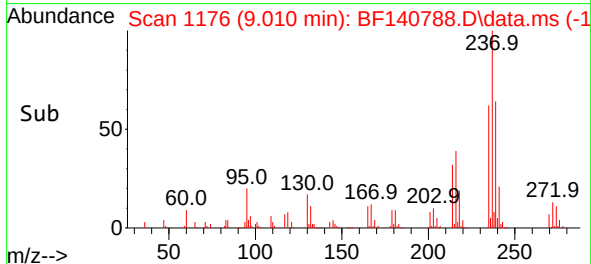
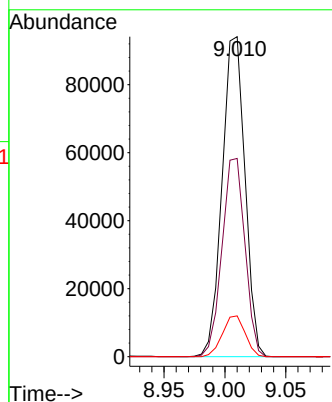
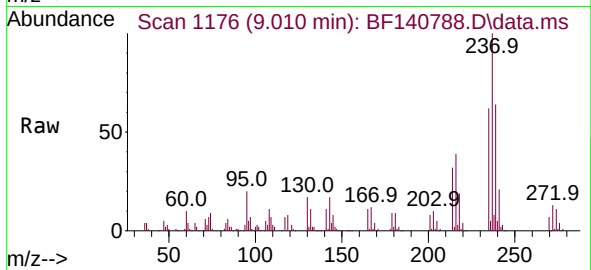
PB165435BS

Tgt Ion:237 Resp: 123015
Ion Ratio Lower Upper
237 100
235 61.9 41.1 81.1
272 12.7 0.0 32.6

Manual Integrations

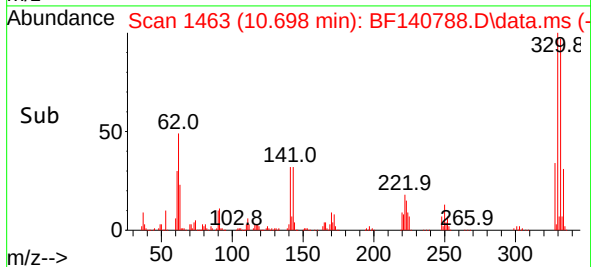
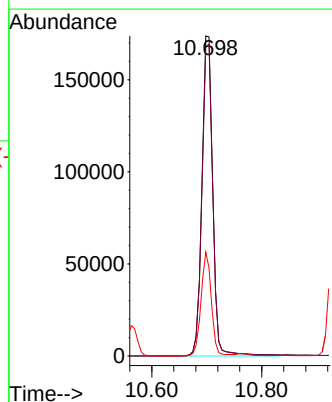
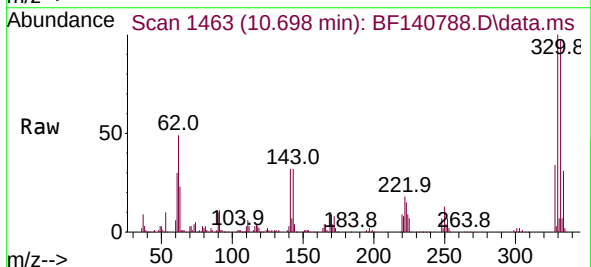
APPROVED

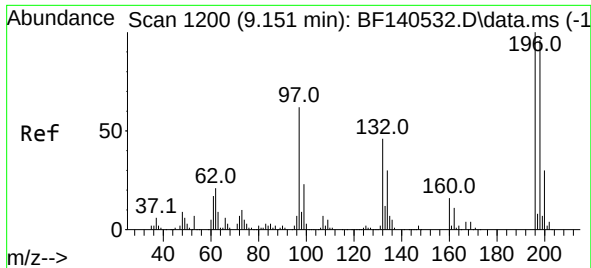
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 148.039 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

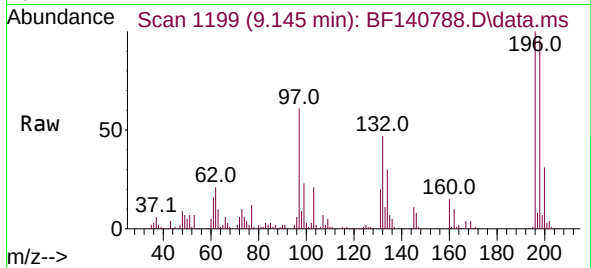
Tgt Ion:330 Resp: 239114
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 30.9 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 47.005 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

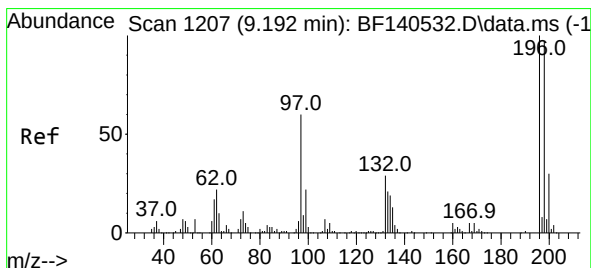
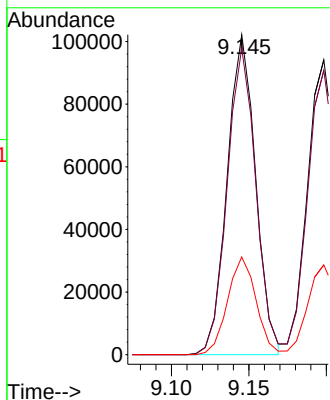
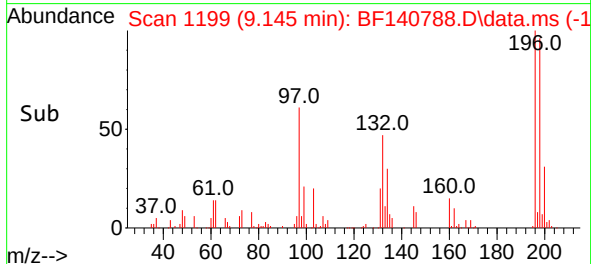
Instrument :
BNA_F
ClientSampleId :
PB165435BS



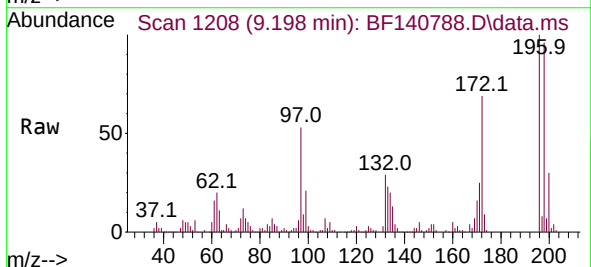
Tgt Ion:196 Resp: 130404
Ion Ratio Lower Upper
196 100
198 95.8 76.8 115.2
200 30.5 24.3 36.5

Manual Integrations
APPROVED

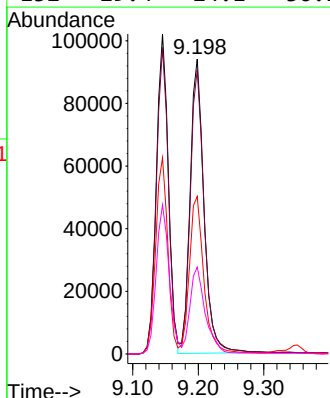
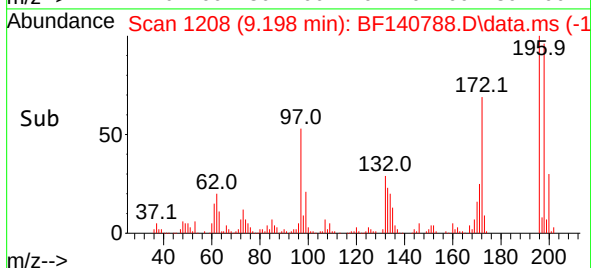
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

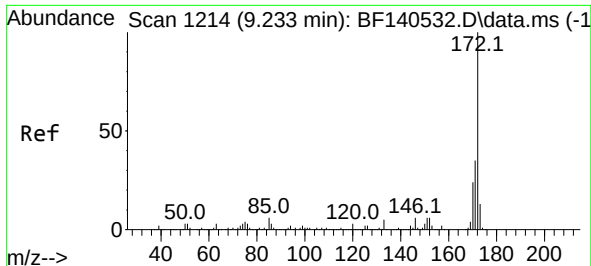


#44
2,4,5-Trichlorophenol
Concen: 46.081 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



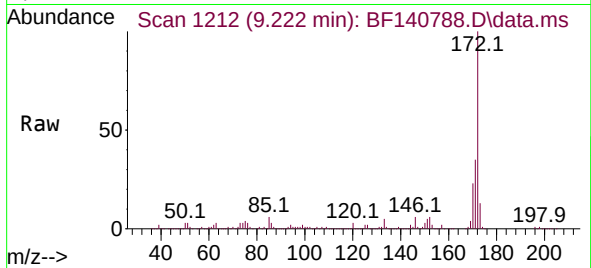
Tgt Ion:196 Resp: 138745
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
97 53.4 47.1 70.7
132 29.4 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 97.187 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

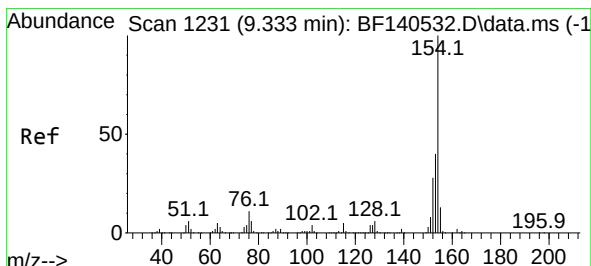
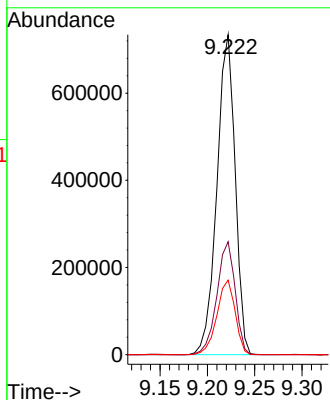
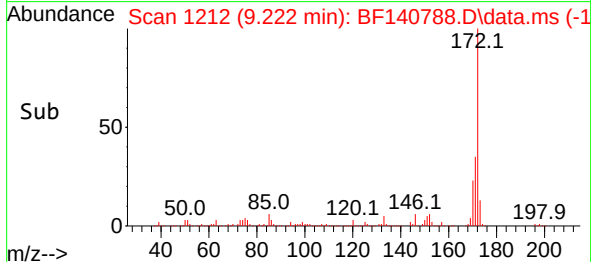
Instrument :
BNA_F
ClientSampleId :
PB165435BS



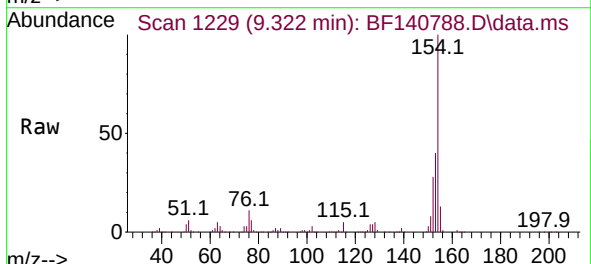
Tgt Ion:172 Resp: 98510
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 19.0 28.6

Manual Integrations
APPROVED

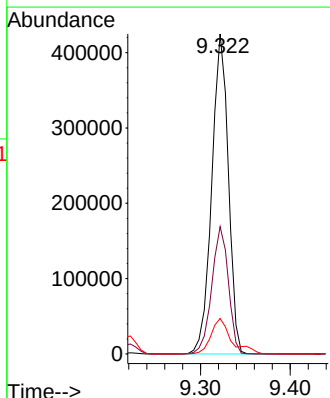
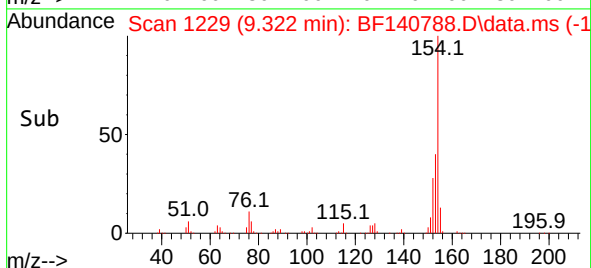
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

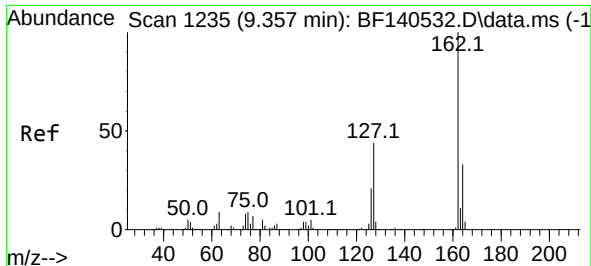


#46
1,1'-Biphenyl
Concen: 48.300 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:154 Resp: 544616
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.152 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

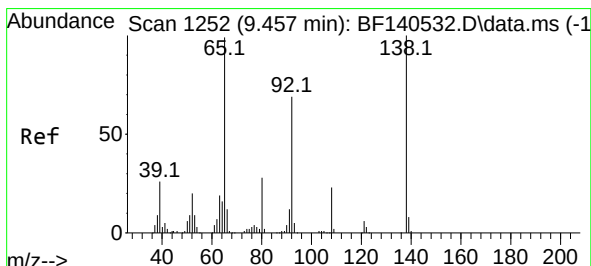
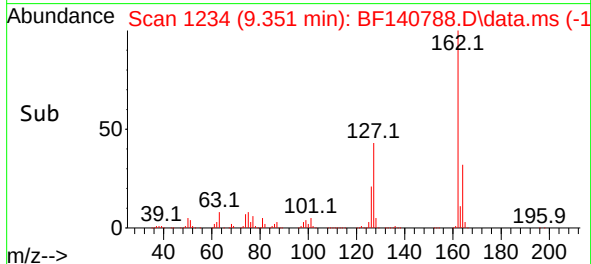
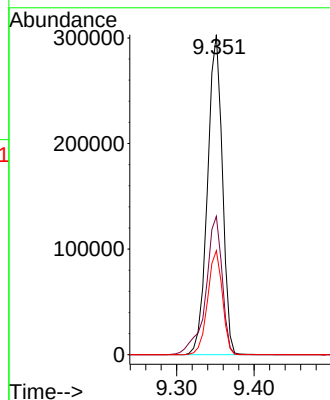
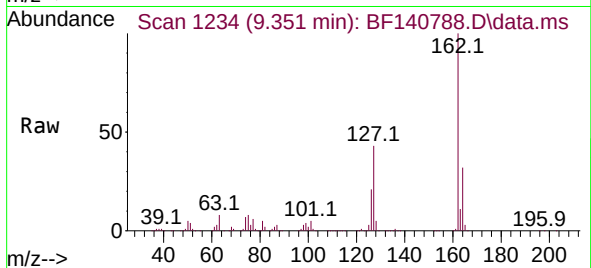
Tgt Ion:162 Resp: 402850
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.7 53.5
 164 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 48.664 ng

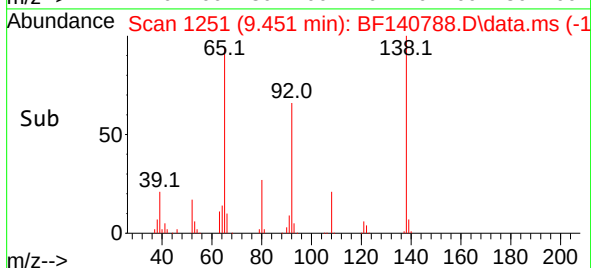
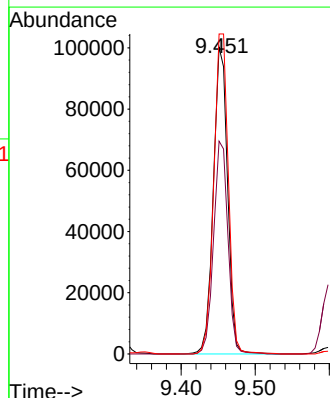
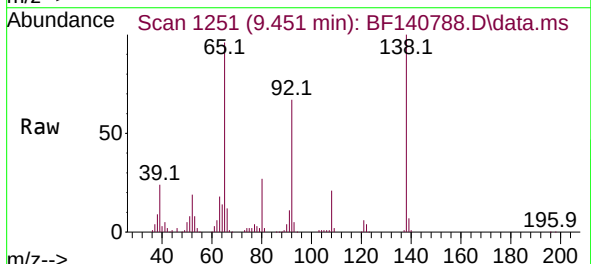
RT: 9.451 min Scan# 1251

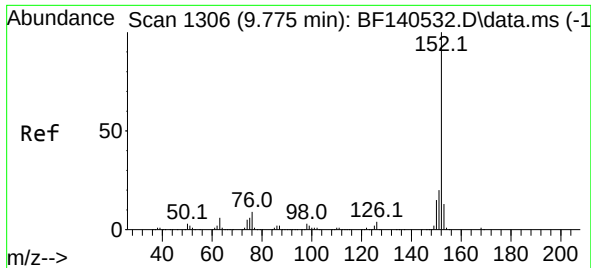
Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Tgt Ion: 65 Resp: 133454
 Ion Ratio Lower Upper
 65 100
 92 69.4 56.1 84.1
 138 104.3 81.0 121.6





#49
Acenaphthylene
Concen: 51.755 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

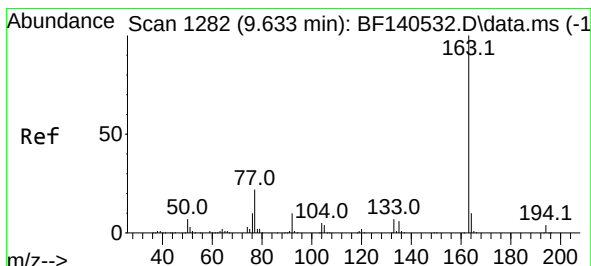
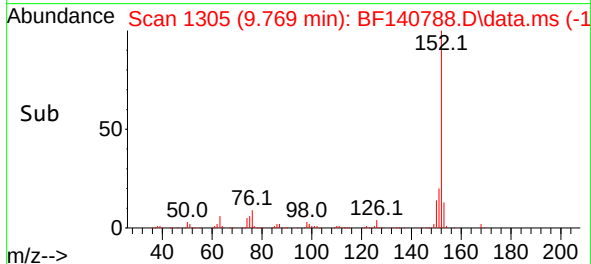
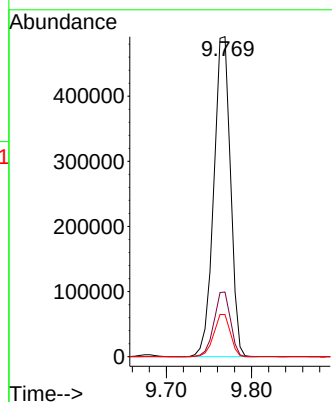
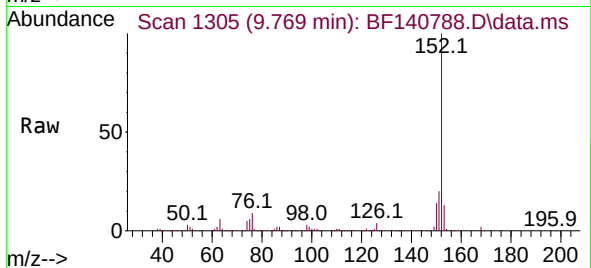
ClientSampleId :

PB165435BS

Tgt Ion:152 Resp: 66810
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.1 10.6 16.0

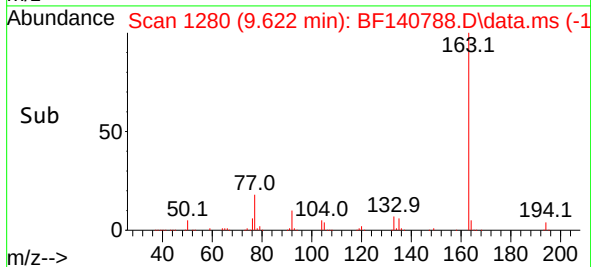
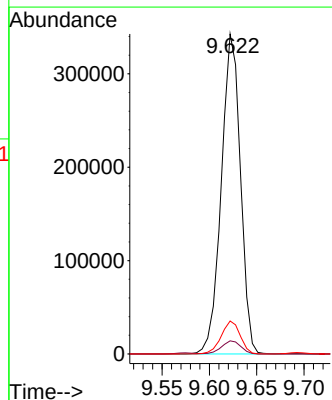
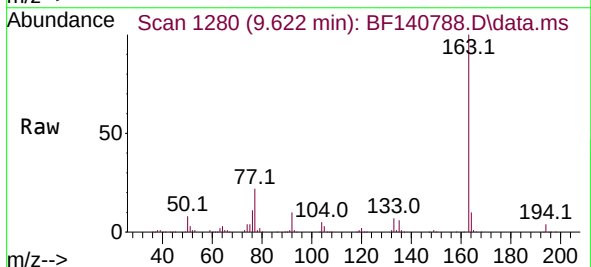
Manual Integrations
APPROVED

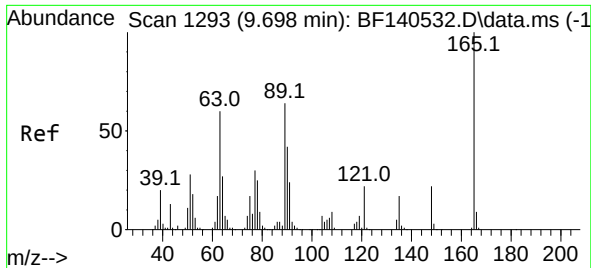
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#50
Dimethylphthalate
Concen: 48.522 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:163 Resp: 482619
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.097 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

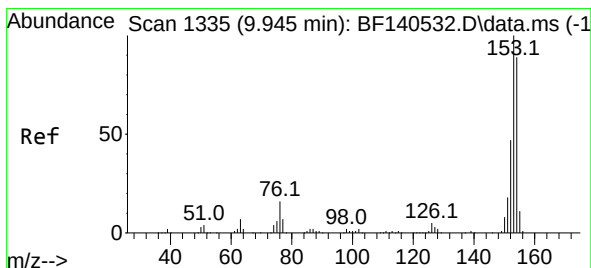
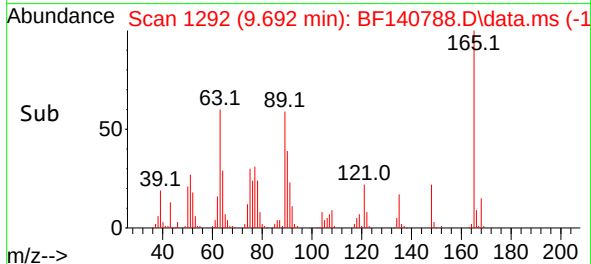
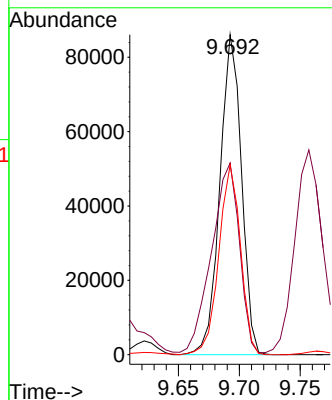
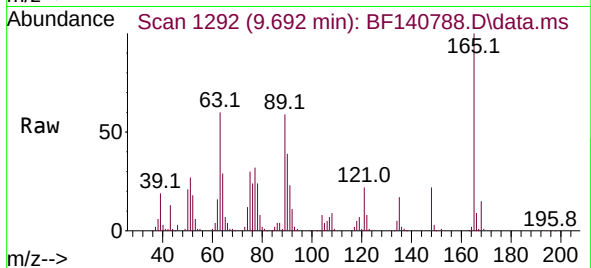
PB165435BS

Tgt Ion:165 Resp: 106240
Ion Ratio Lower Upper
165 100
63 59.9 49.9 74.9
89 59.3 50.9 76.3

Manual Integrations

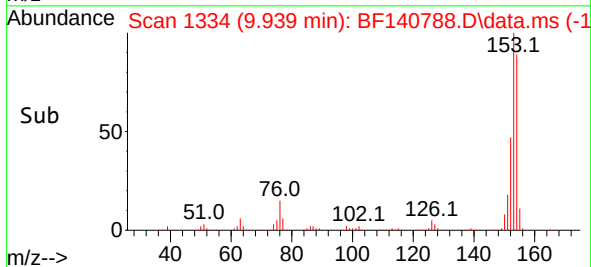
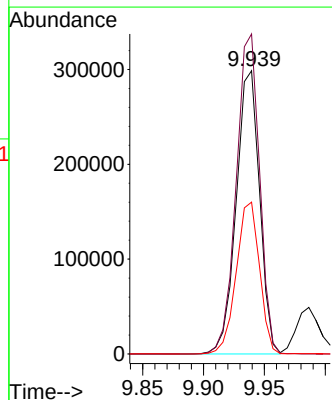
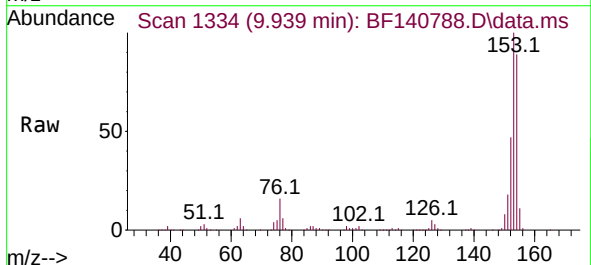
APPROVED

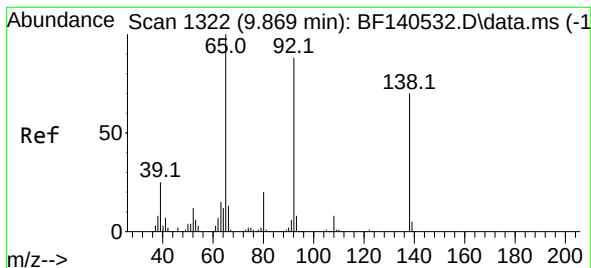
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#52
Acenaphthene
Concen: 48.670 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:154 Resp: 399206
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.6 42.5 63.7





#53

3-Nitroaniline

Concen: 32.206 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

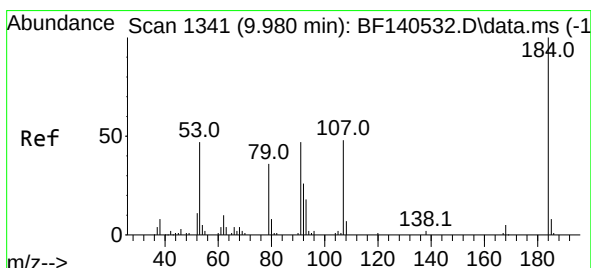
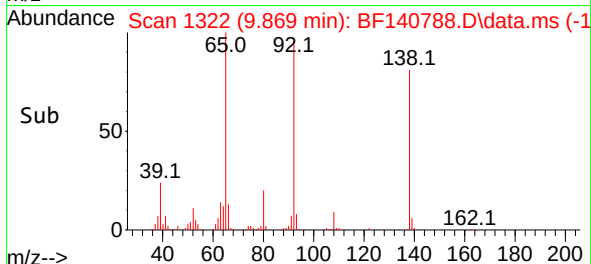
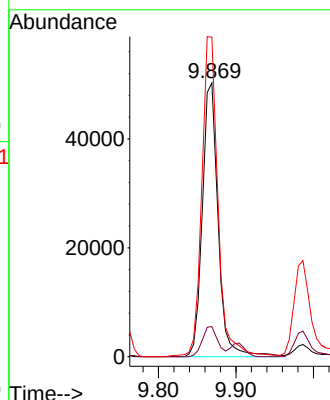
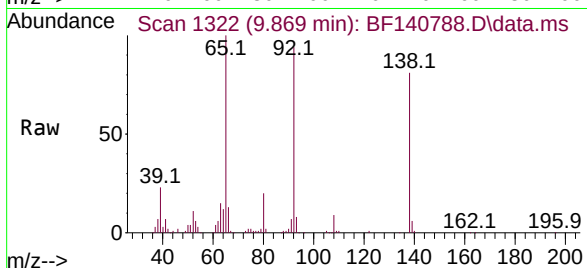
ClientSampleId :

PB165435BS

Tgt Ion:138 Resp: 7105
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.2 13.8
 92 116.7 100.6 150.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024



#54

2,4-Dinitrophenol

Concen: 91.056 ng

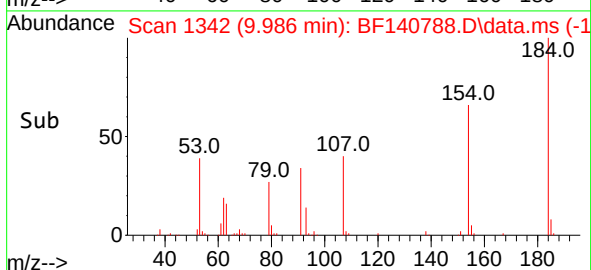
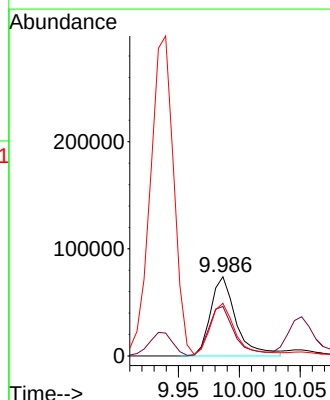
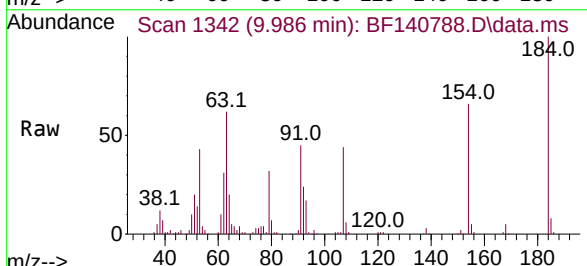
RT: 9.986 min Scan# 1342

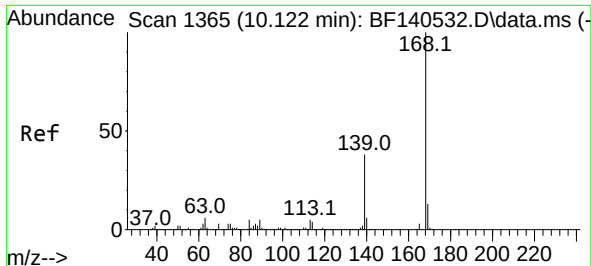
Delta R.T. 0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Tgt Ion:184 Resp: 107779
 Ion Ratio Lower Upper
 184 100
 63 62.5 54.1 81.1
 154 66.4 57.4 86.0





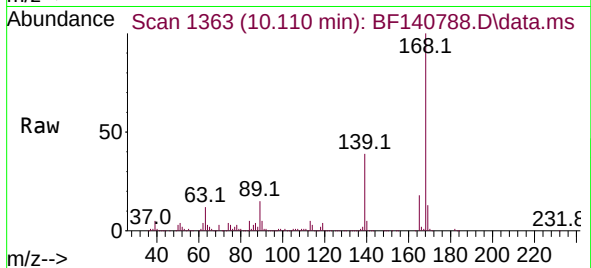
#55
Dibenzenofuran
Concen: 48.690 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

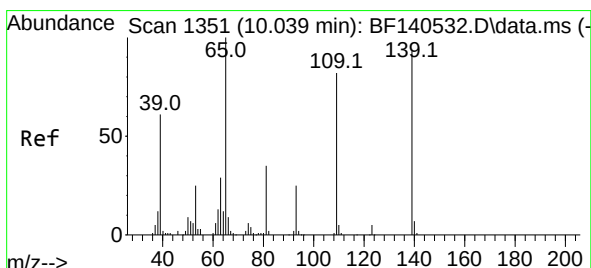
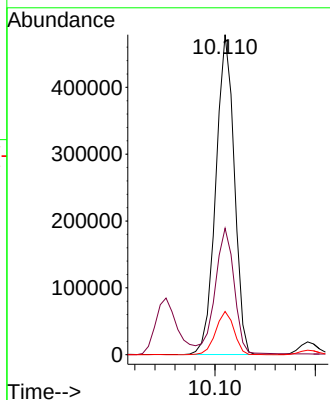
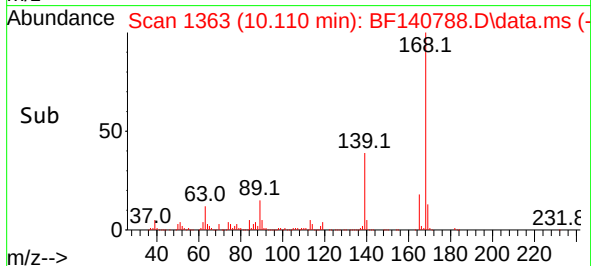
PB165435BS



Tgt Ion:168 Resp: 60917
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.5 10.5 15.7

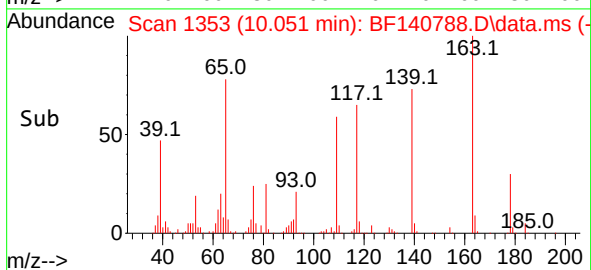
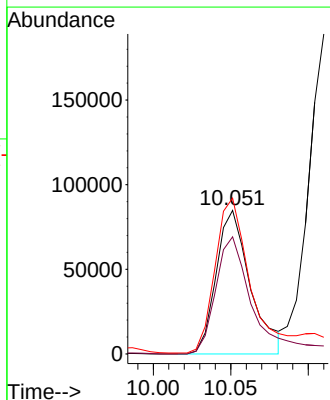
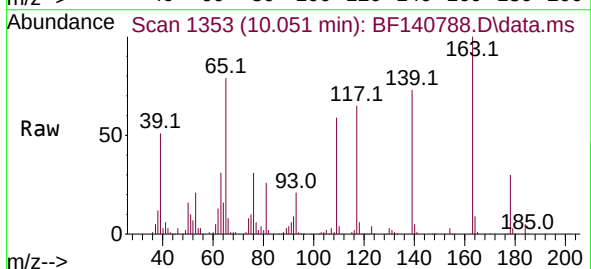
Manual Integrations
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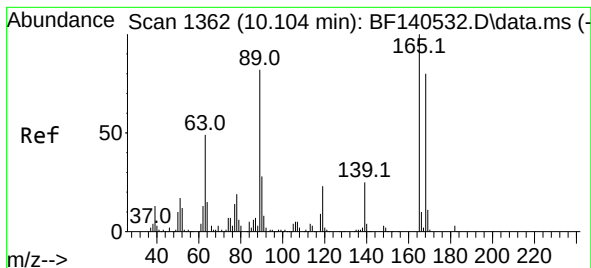
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 86.100 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:139 Resp: 129552
Ion Ratio Lower Upper
139 100
109 81.6 68.4 108.4
65 108.6 88.6 128.6





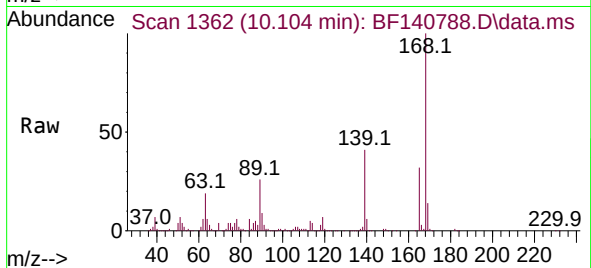
#57
2,4-Dinitrotoluene
Concen: 48.389 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



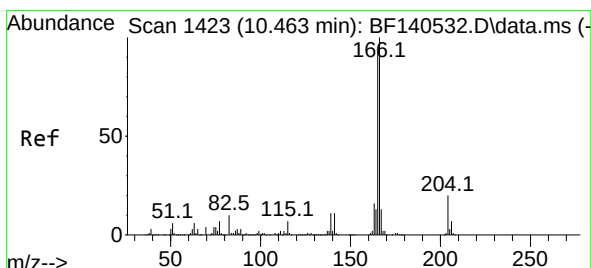
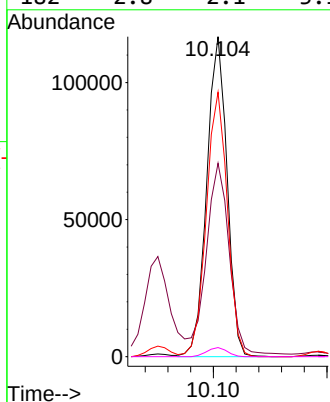
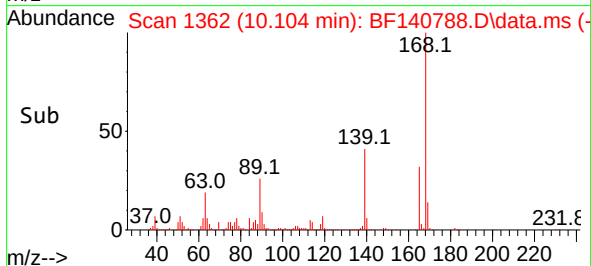
Tgt Ion:165 Resp: 145072
Ion Ratio Lower Upper
165 100
63 60.5 41.7 62.5
89 82.7 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations

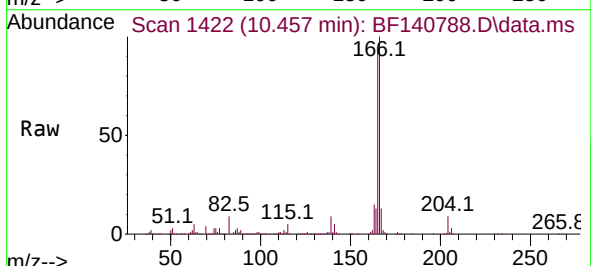
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

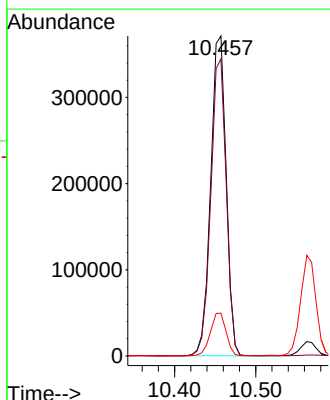
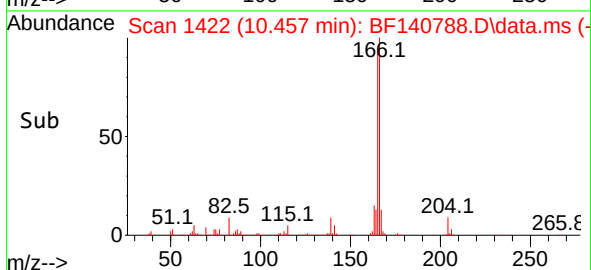
Supervised By :mohammad ahmed 12/12/2024

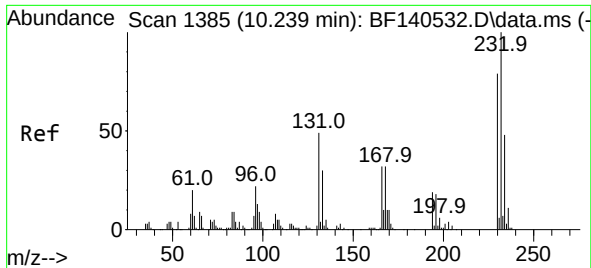


#58
Fluorene
Concen: 48.980 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



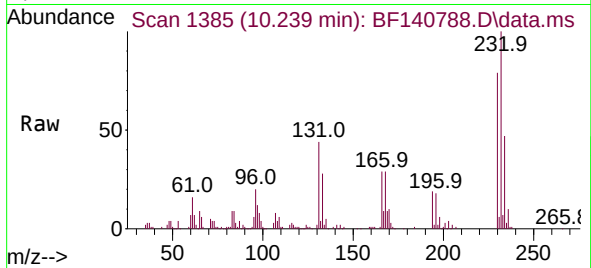
Tgt Ion:166 Resp: 491872
Ion Ratio Lower Upper
166 100
165 92.9 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.946 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

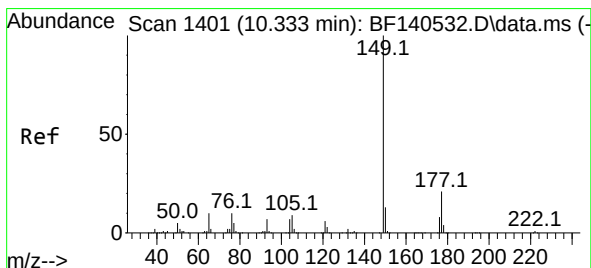
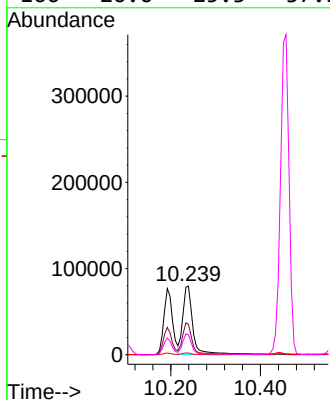
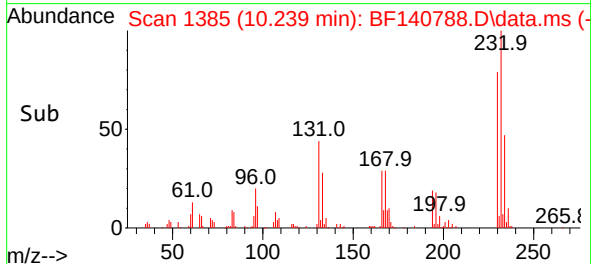
Instrument :
BNA_F
ClientSampleId :
PB165435BS



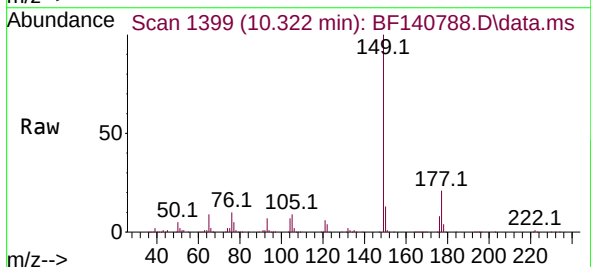
Tgt Ion:232 Resp: 122510
Ion Ratio Lower Upper
232 100
131 42.6 39.6 59.4
130 2.5 1.9 2.9
166 26.6 25.3 37.9

Manual Integrations
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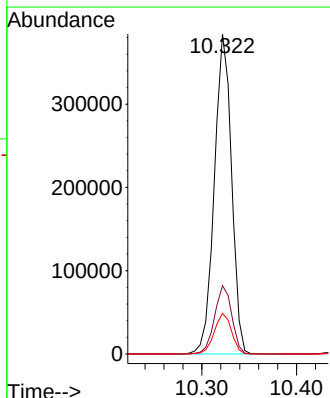
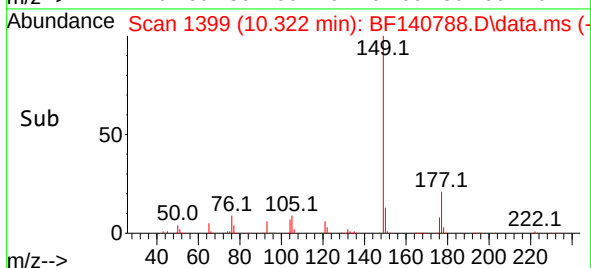
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

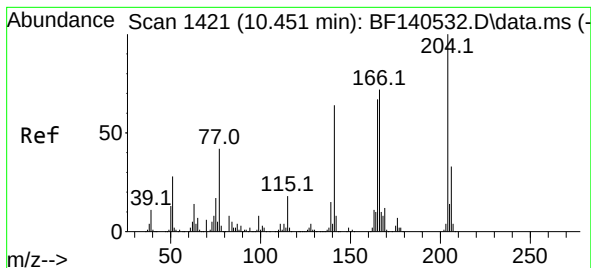


#60
Diethylphthalate
Concen: 47.928 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



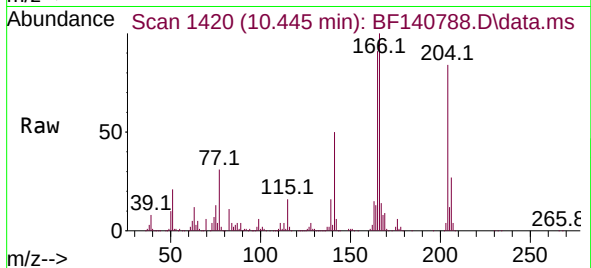
Tgt Ion:149 Resp: 484343
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.669 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

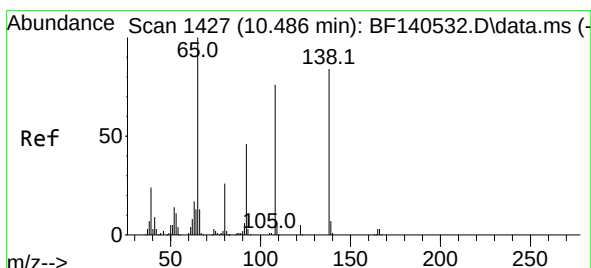
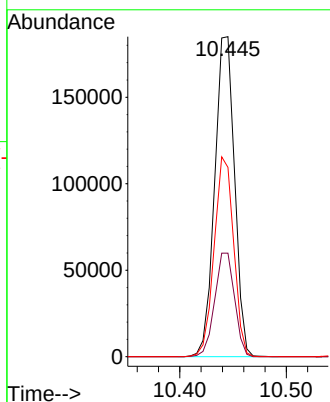
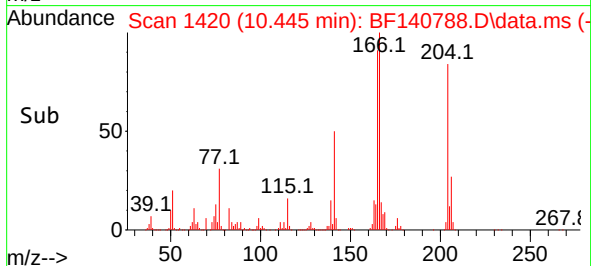
Instrument :
BNA_F
ClientSampleId :
PB165435BS



Tgt Ion:204 Resp: 239850
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 59.1 51.1 76.7

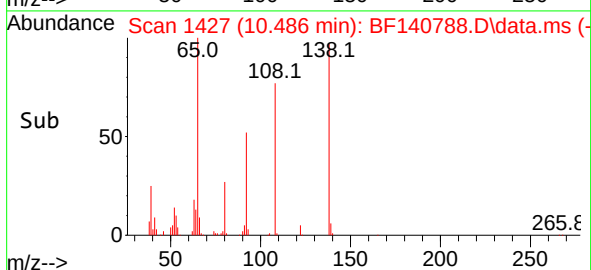
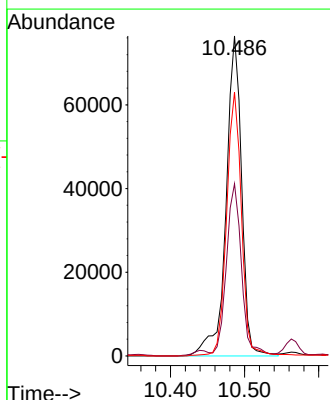
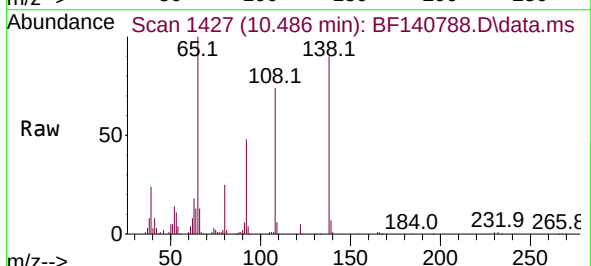
Manual Integrations
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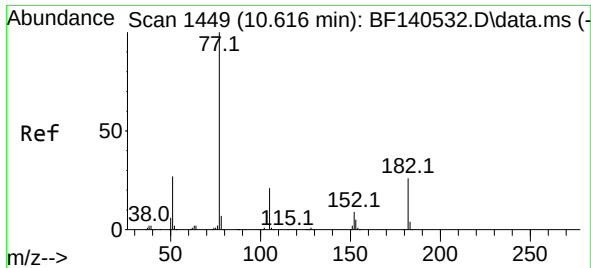
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 48.276 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

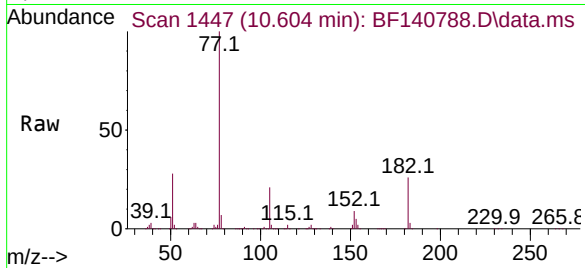
Tgt Ion:138 Resp: 111708
Ion Ratio Lower Upper
138 100
92 53.8 34.5 74.5
108 82.5 70.6 110.6





#63
Azobenzene
Concen: 47.612 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

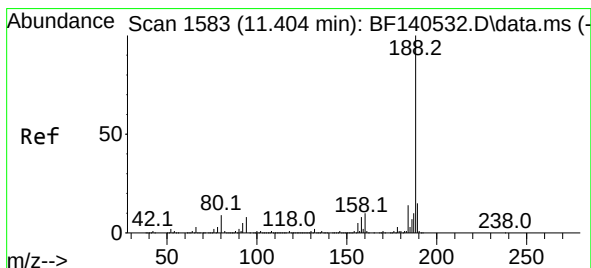
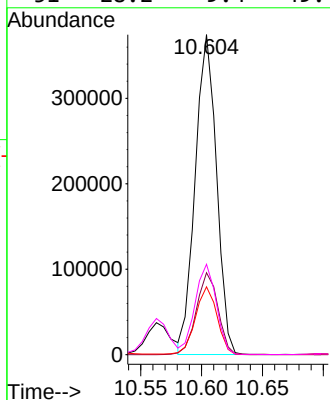
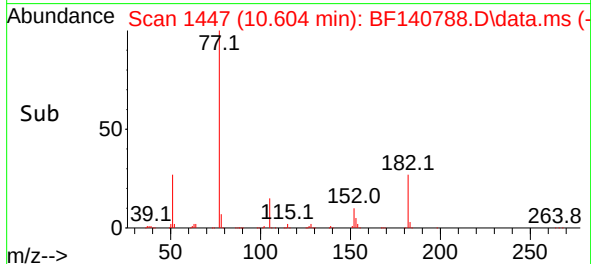
Instrument :
BNA_F
ClientSampleId :
PB165435BS



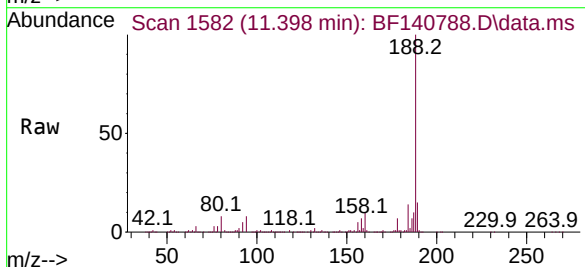
Tgt Ion: 77 Resp: 455652
Ion Ratio Lower Upper
77 100
182 25.6 5.3 45.3
105 21.2 0.3 40.3
51 28.2 9.4 49.4

Manual Integrations
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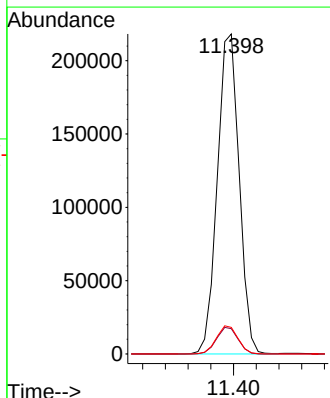
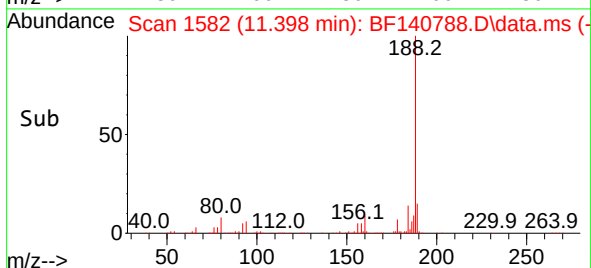
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

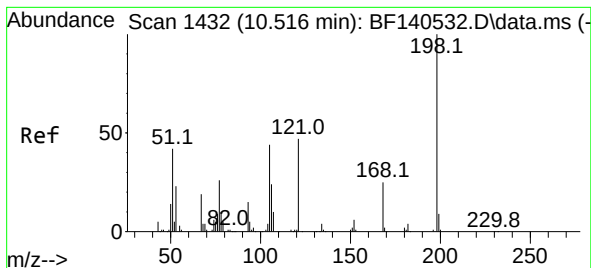


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:188 Resp: 291303
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.3 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.756 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

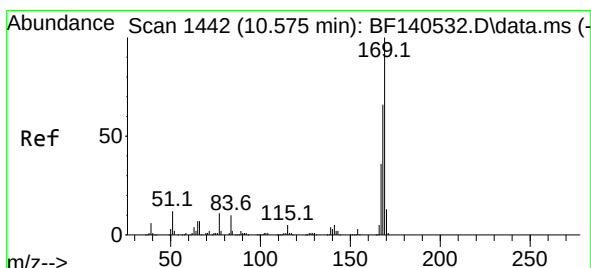
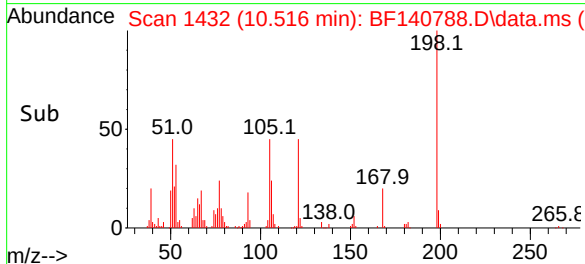
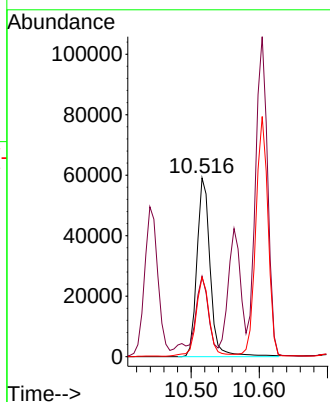
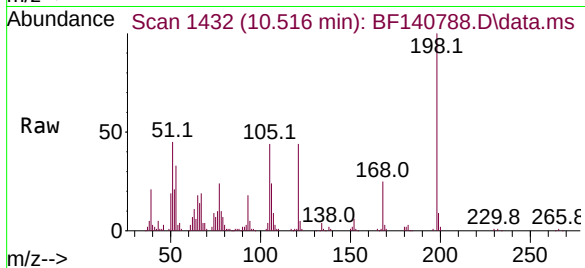
PB165435BS

Tgt Ion:198 Resp: 80019
Ion Ratio Lower Upper
198 100
51 44.9 29.4 69.4
105 44.4 25.4 65.4

Manual Integrations

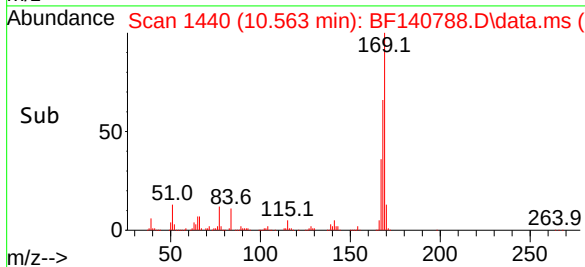
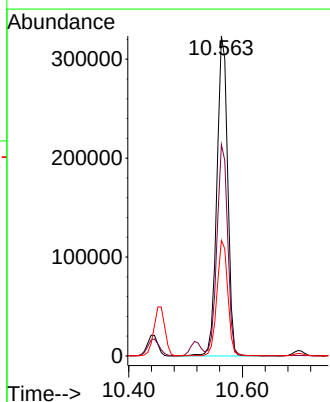
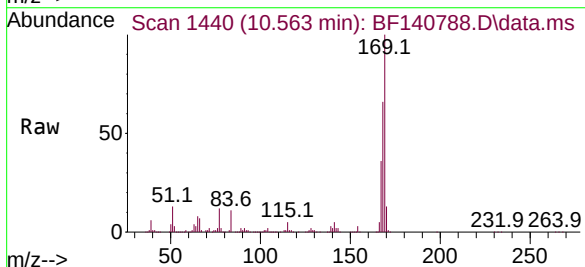
APPROVED

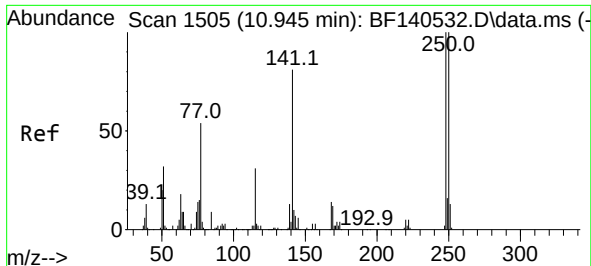
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 49.390 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:169 Resp: 425471
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.145 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

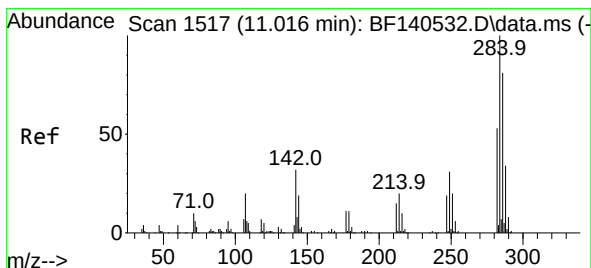
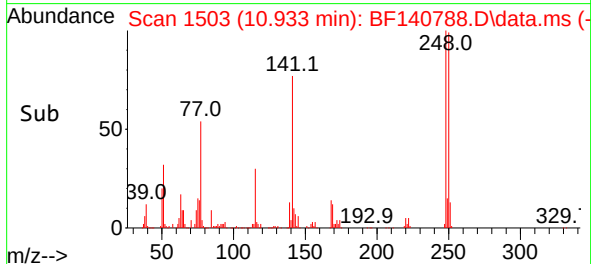
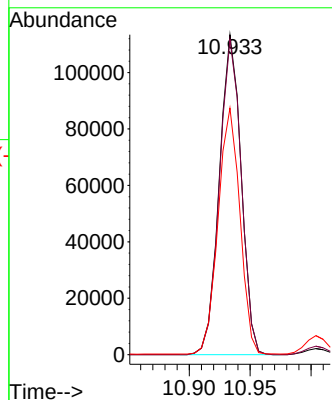
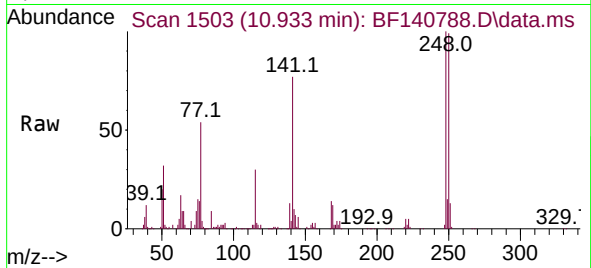
ClientSampleId :

PB165435BS

Tgt Ion:248 Resp: 141435
Ion Ratio Lower Upper
248 100
250 98.5 79.8 119.8
141 77.1 64.7 97.1

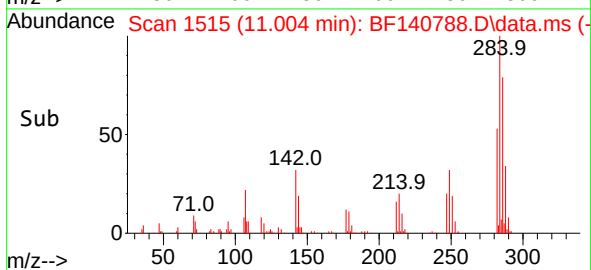
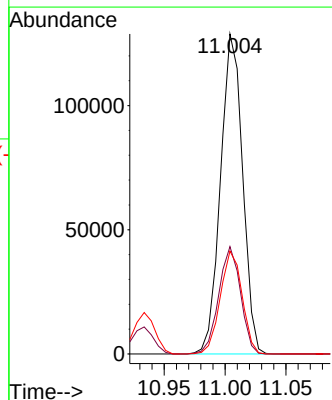
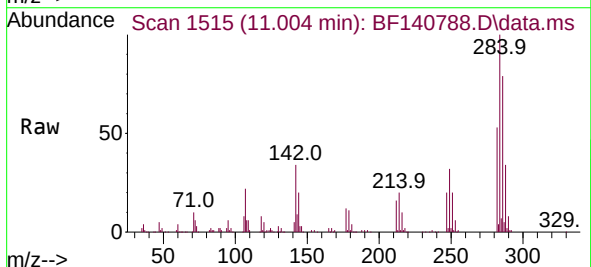
Manual Integrations
APPROVED

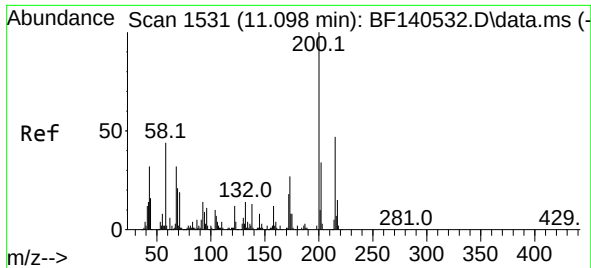
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 46.840 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:284 Resp: 162708
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 32.1 24.8 37.2





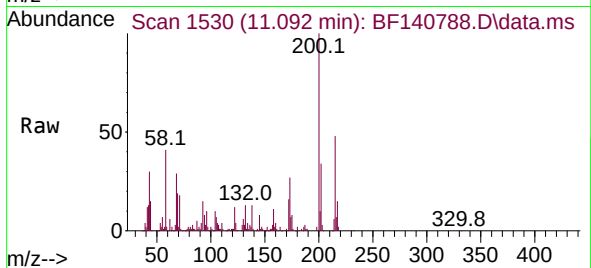
#69
 Atrazine
 Concen: 55.886 ng
 RT: 11.092 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



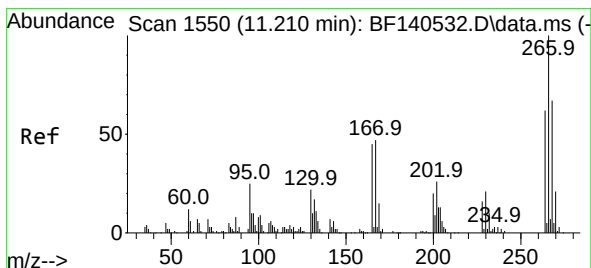
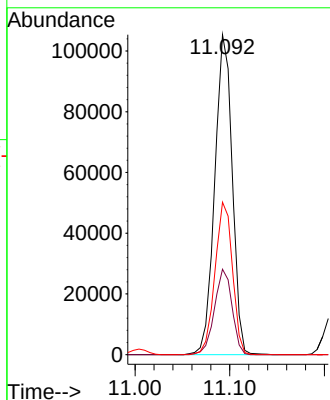
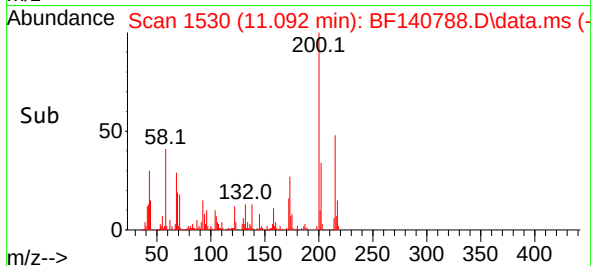
Tgt Ion:200 Resp: 135438
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.0 47.0
 215 47.7 26.7 66.7

Manual Integrations

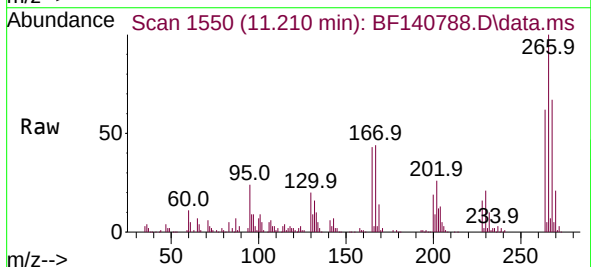
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

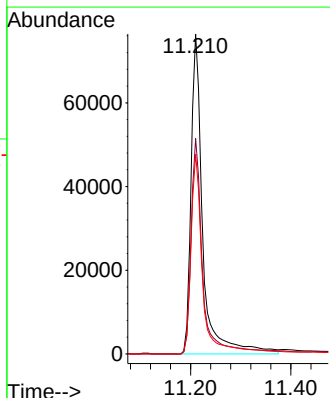
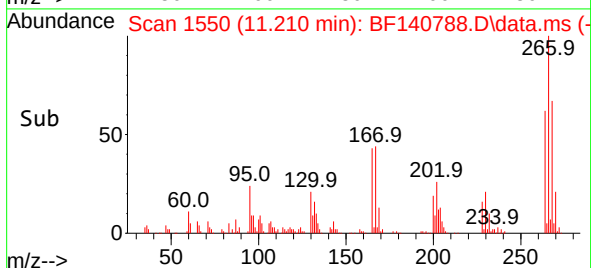
Supervised By :mohammad ahmed 12/12/2024

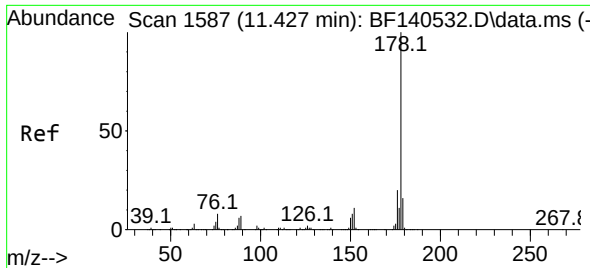


#70
 Pentachlorophenol
 Concen: 81.477 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31



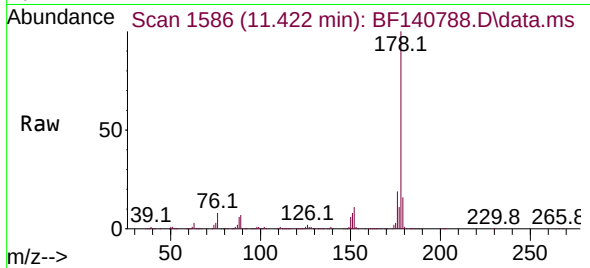
Tgt Ion:266 Resp: 124566
 Ion Ratio Lower Upper
 266 100
 268 67.3 53.7 80.5
 264 62.5 49.8 74.8





#71
Phenanthrene
Concen: 50.144 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

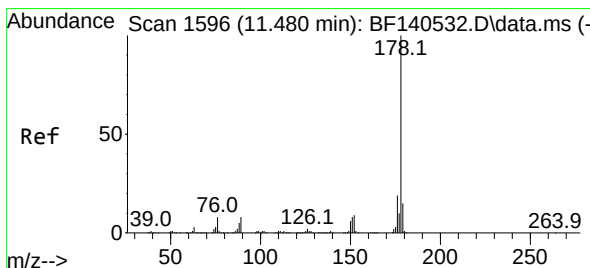
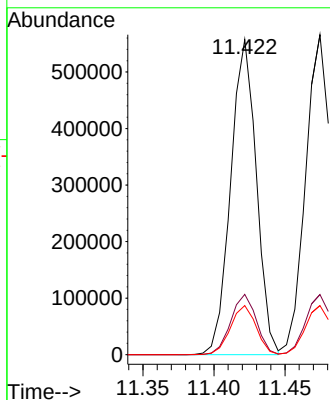
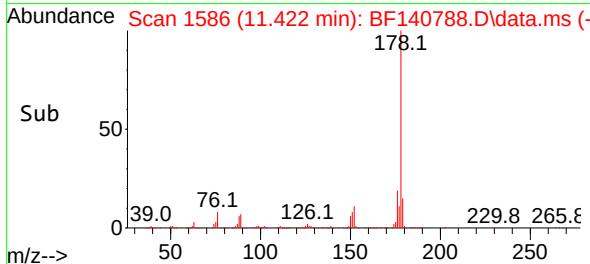
Instrument :
BNA_F
ClientSampleId :
PB165435BS



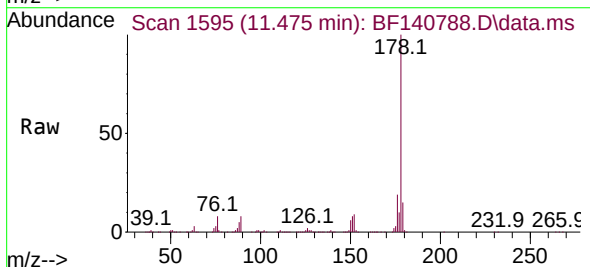
Tgt Ion:178 Resp: 702145
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.6 12.4 18.6

Manual Integrations
APPROVED

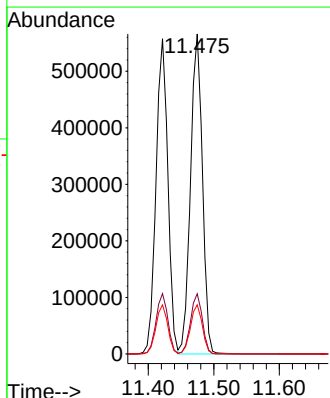
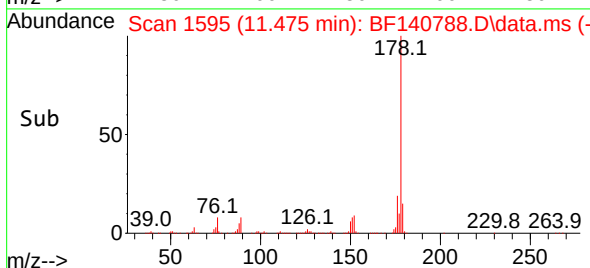
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

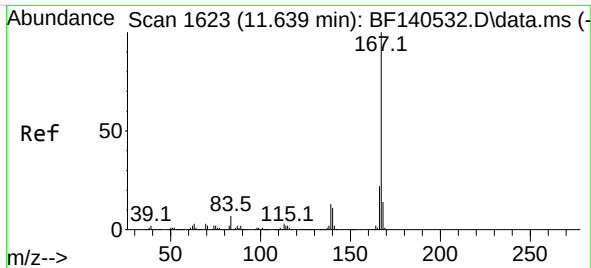


#72
Anthracene
Concen: 52.114 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



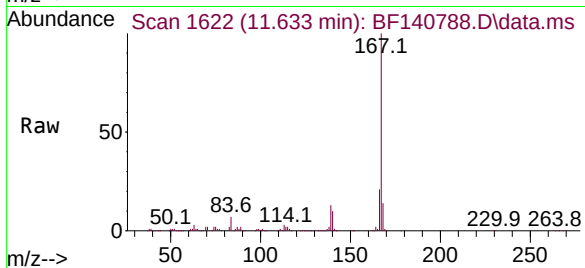
Tgt Ion:178 Resp: 713823
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





#73
Carbazole
Concen: 50.213 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

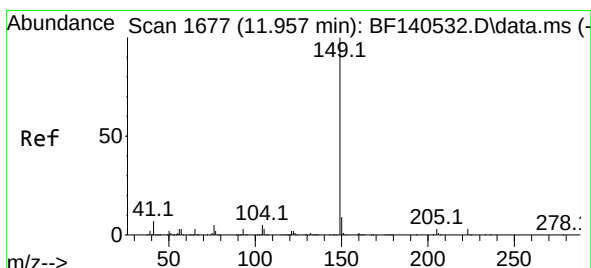
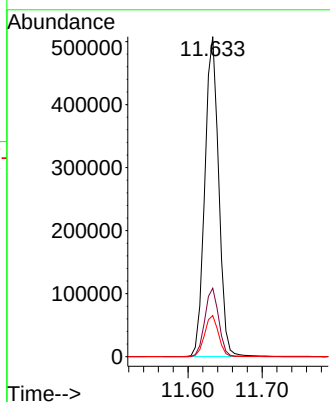
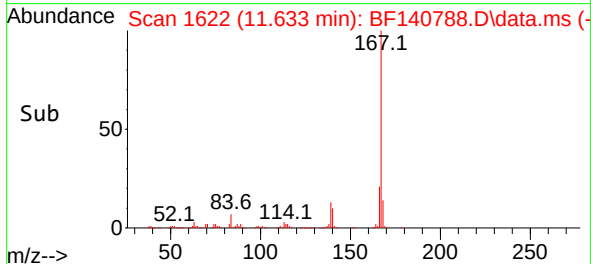
Instrument :
BNA_F
ClientSampleId :
PB165435BS



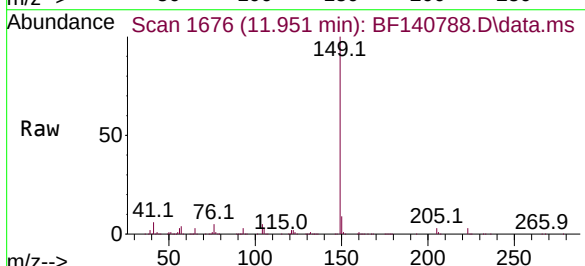
Tgt Ion:167 Resp: 661640
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.9 10.6 15.8

Manual Integrations
APPROVED

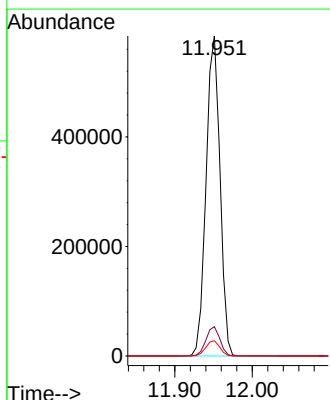
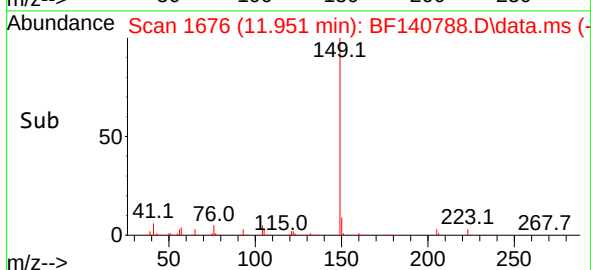
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

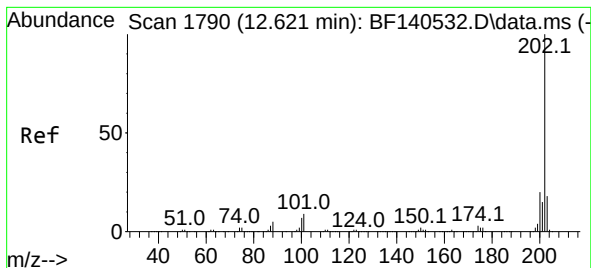


#74
Di-n-butylphthalate
Concen: 47.754 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:149 Resp: 726470
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 51.293 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

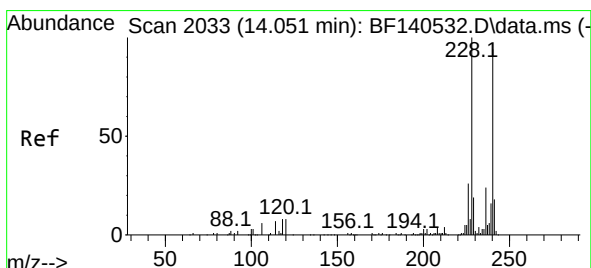
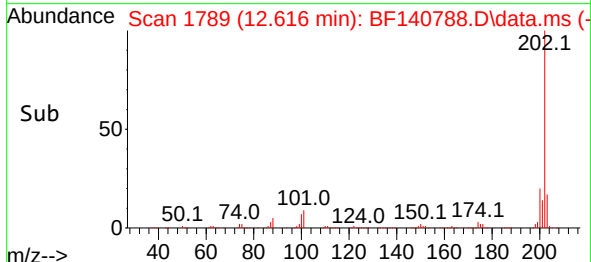
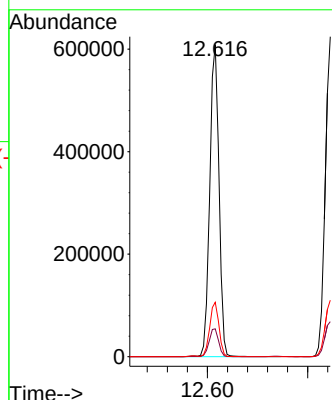
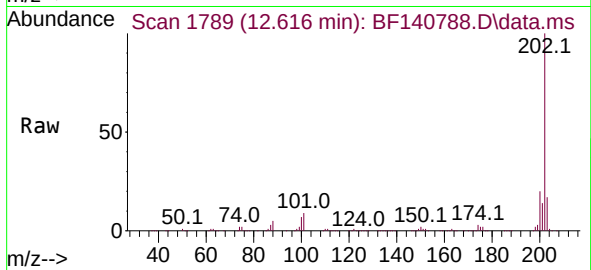
Tgt Ion:	202	Resp:	77982
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	28.9
203	17.4	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#76

Chrysene-d12

Concen: 20.000 ng

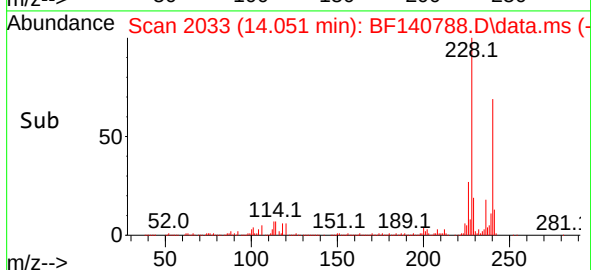
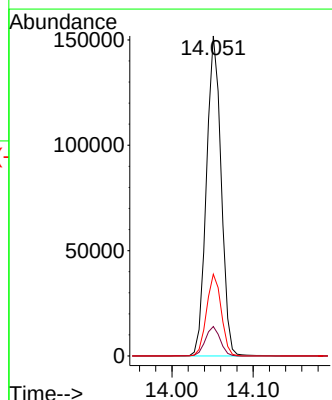
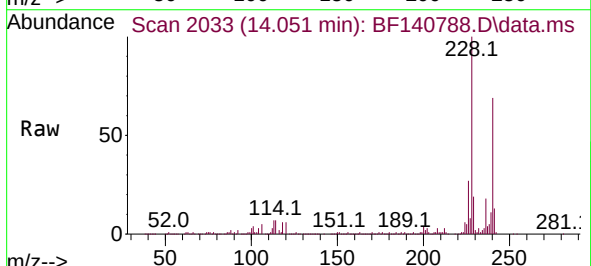
RT: 14.051 min Scan# 2033

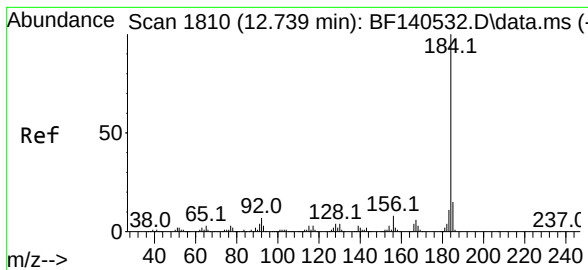
Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

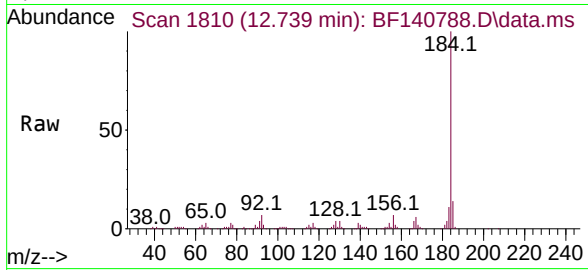
Tgt Ion:	240	Resp:	190407
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.3	10.9
236	25.6	20.6	31.0





#77
Benzidine
Concen: 34.810 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

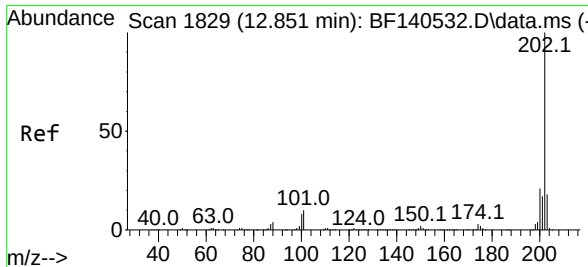
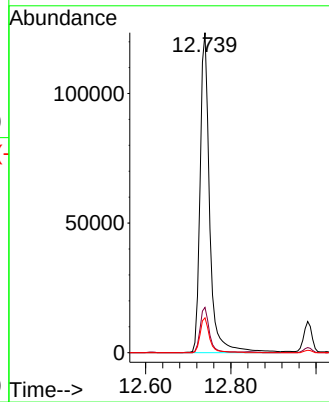
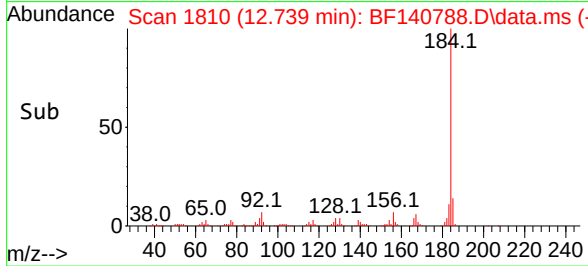
Instrument :
BNA_F
ClientSampleId :
PB165435BS



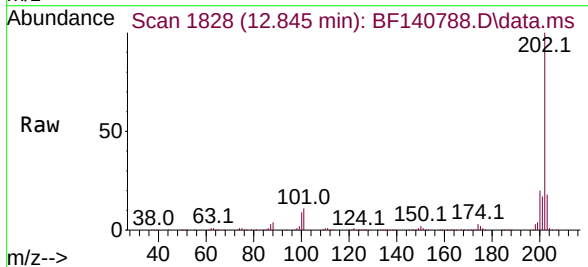
Tgt Ion:184 Resp: 192710
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.9 8.8 13.2

Manual Integrations
APPROVED

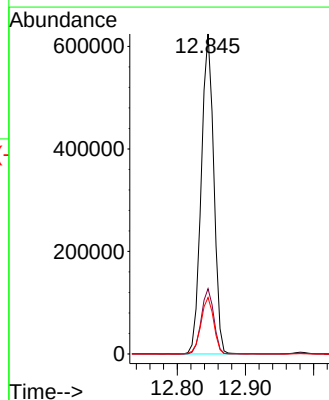
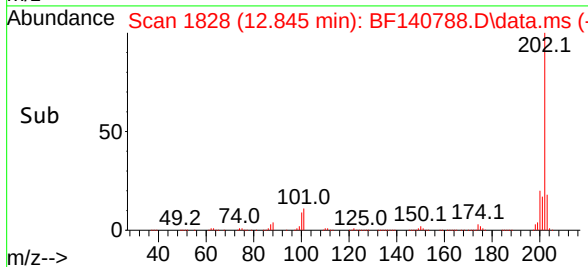
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

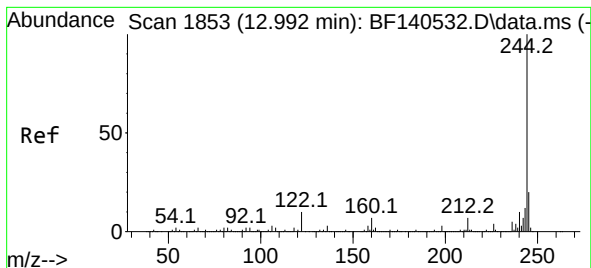


#78
Pyrene
Concen: 45.388 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:202 Resp: 799086
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 94.431 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

Tgt Ion:244 Resp: 1154710

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

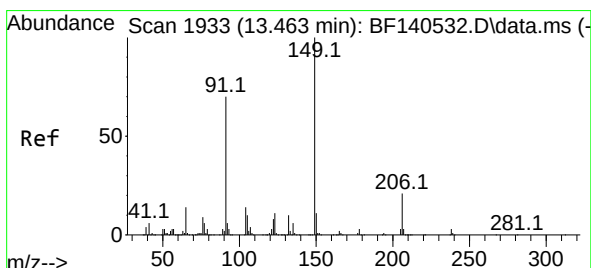
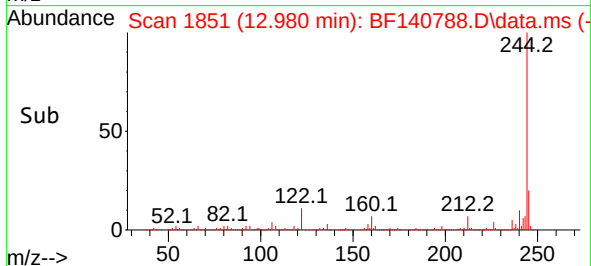
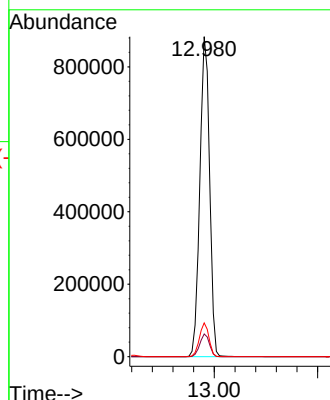
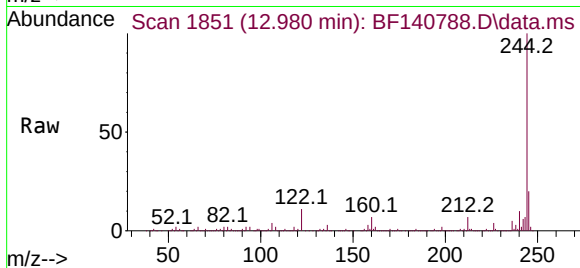
122 10.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 45.793 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

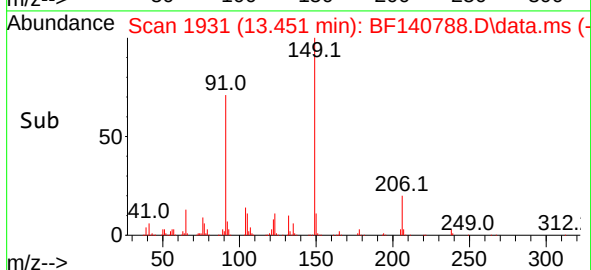
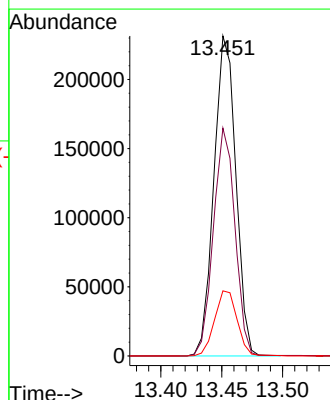
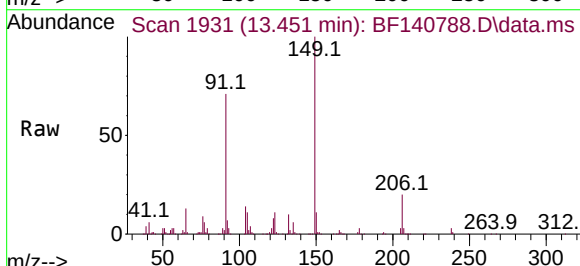
Tgt Ion:149 Resp: 290428

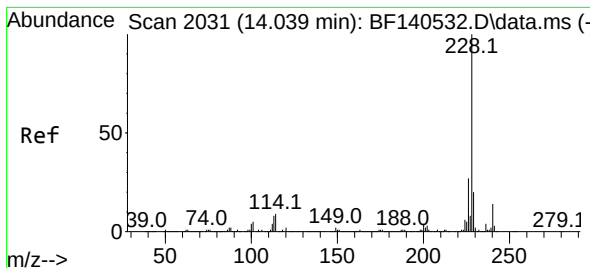
Ion Ratio Lower Upper

149 100

91 71.2 56.2 84.2

206 20.4 16.4 24.6





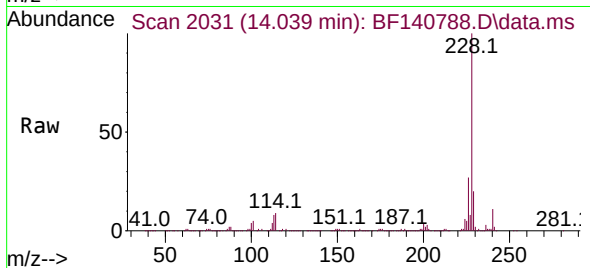
#81
Benzo(a)anthracene
Concen: 49.513 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

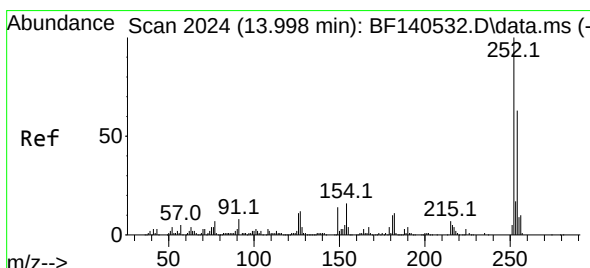
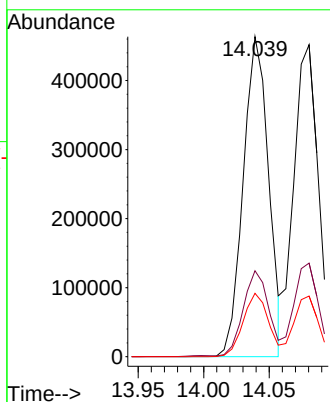
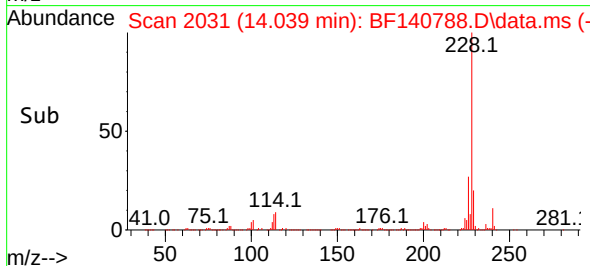


Tgt Ion:228 Resp: 624060
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.8 15.8 23.6

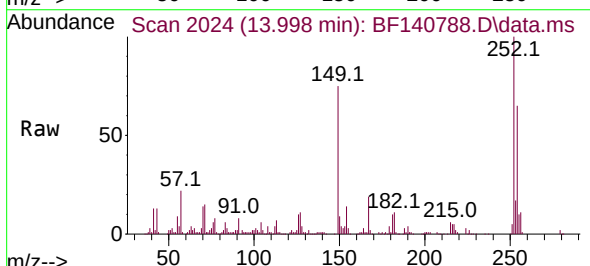
Manual Integrations

APPROVED

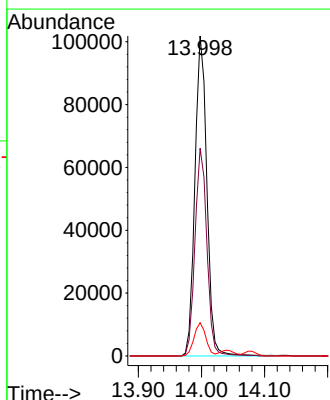
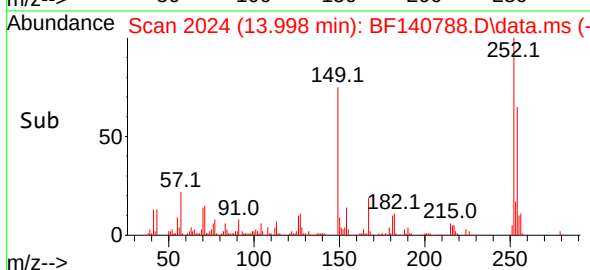
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

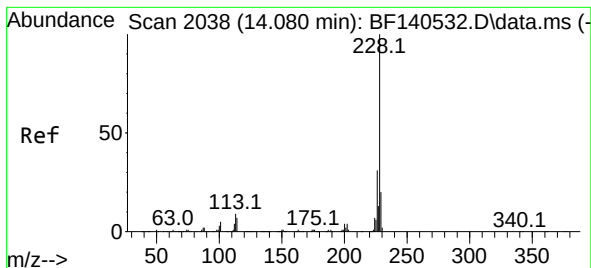


#82
3,3'-Dichlorobenzidine
Concen: 35.364 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:252 Resp: 133825
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 50.924 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

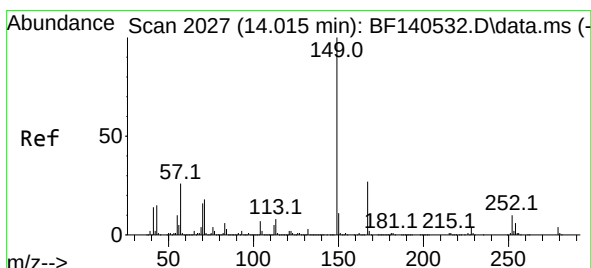
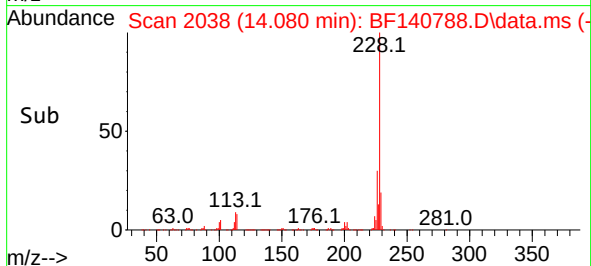
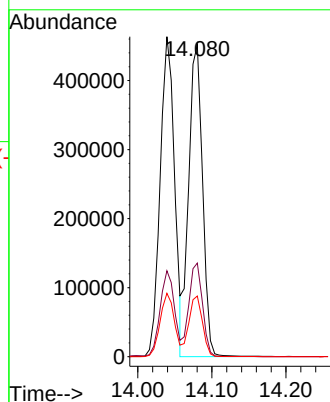
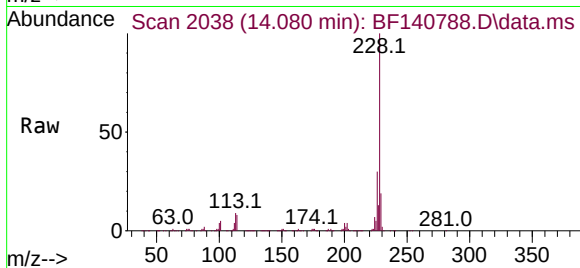
Tgt Ion:	228	Resp:	58690
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	19.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.732 ng

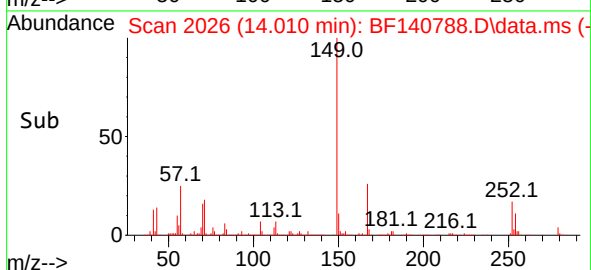
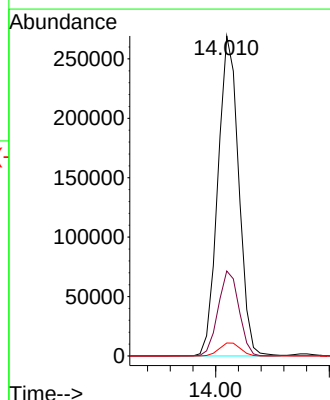
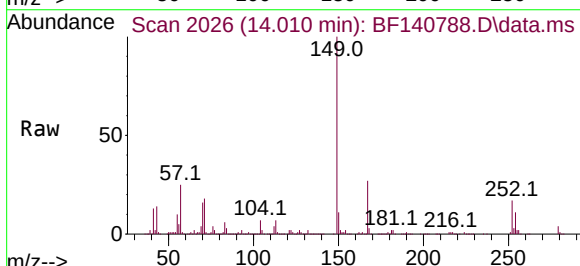
RT: 14.010 min Scan# 2026

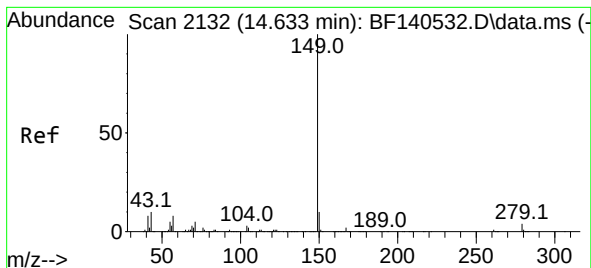
Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Tgt Ion:	149	Resp:	342209
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.2	31.8
279	4.0	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 40.056 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

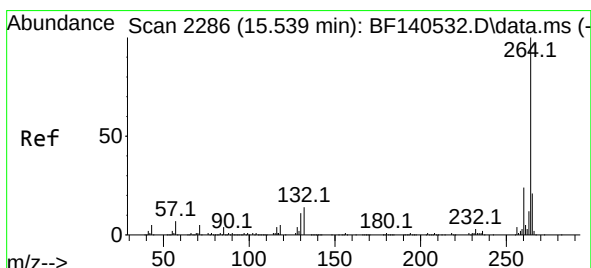
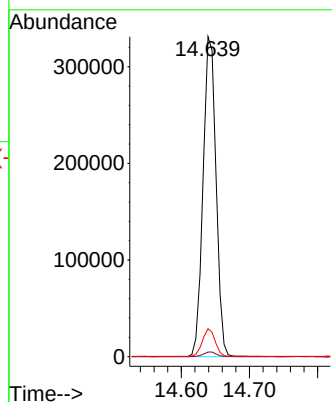
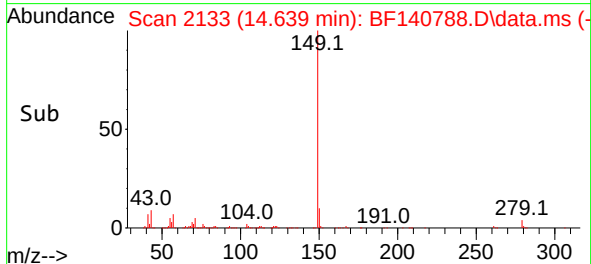
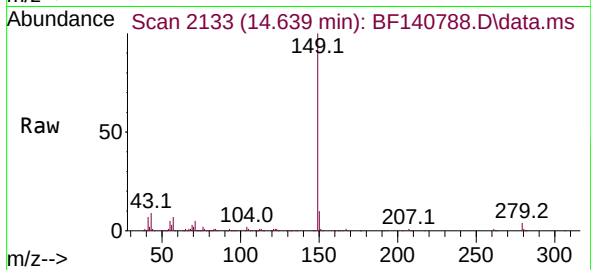
PB165435BS

Tgt Ion:149 Resp: 438390
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 7.7 11.5

Manual Integrations

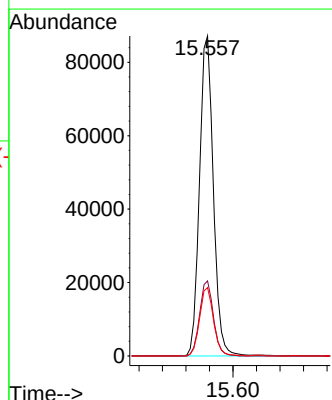
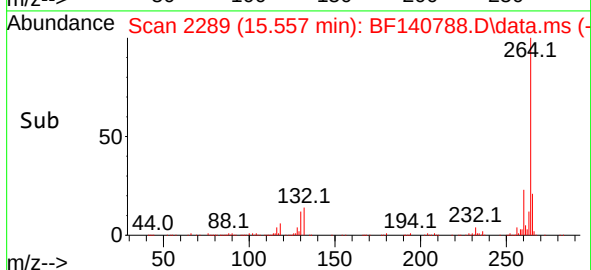
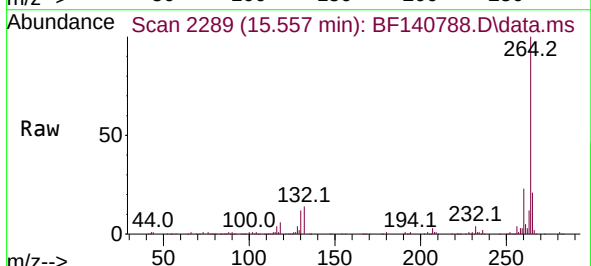
APPROVED

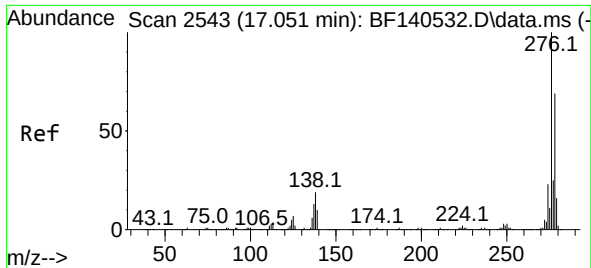
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:264 Resp: 142298
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.236 ng
RT: 17.080 min Scan# 2114
Delta R.T. 0.030 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

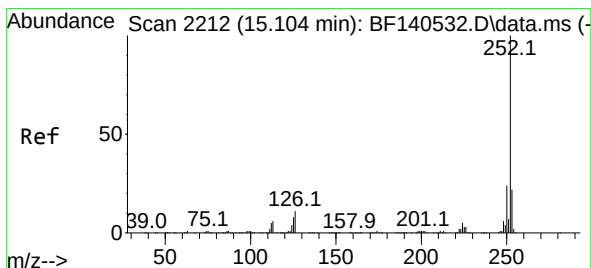
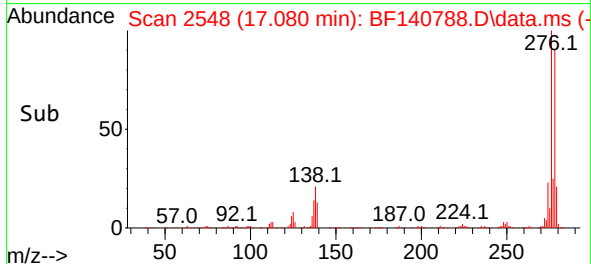
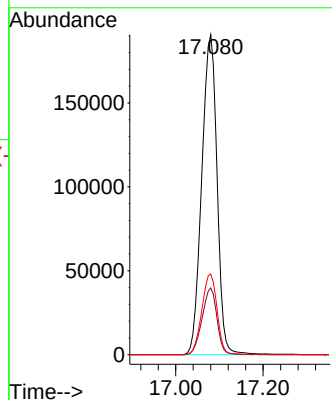
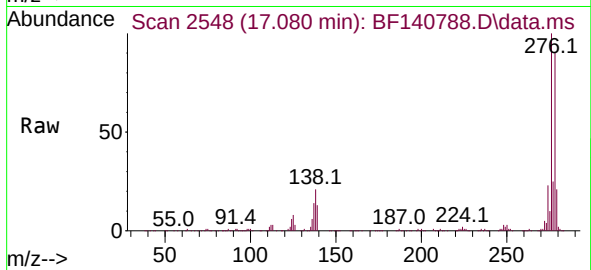
ClientSampleId :

PB165435BS

Tgt Ion:276 Resp: 46585
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.1 20.1 30.1

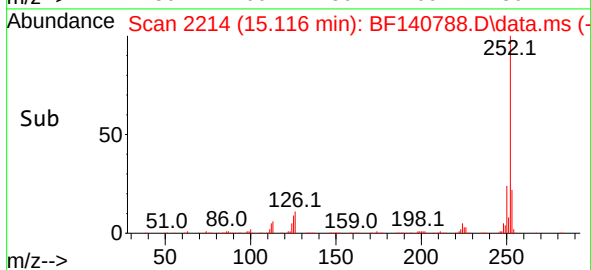
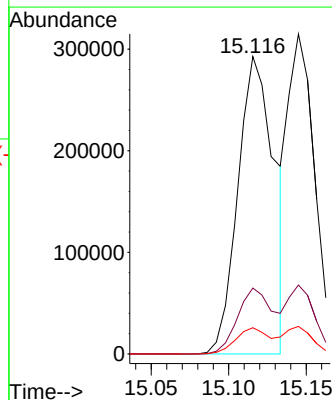
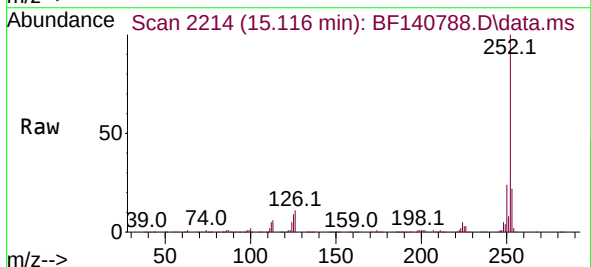
Manual Integrations
APPROVED

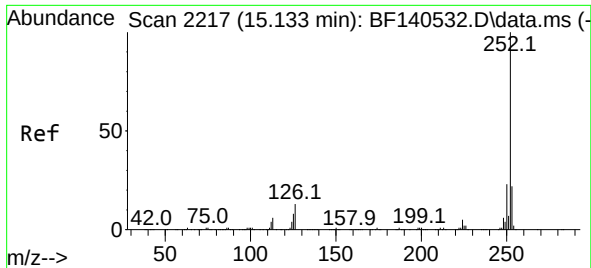
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#88
Benzo(b)fluoranthene
Concen: 53.482 ng
RT: 15.116 min Scan# 2214
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:252 Resp: 478015
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.8 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 48.611 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

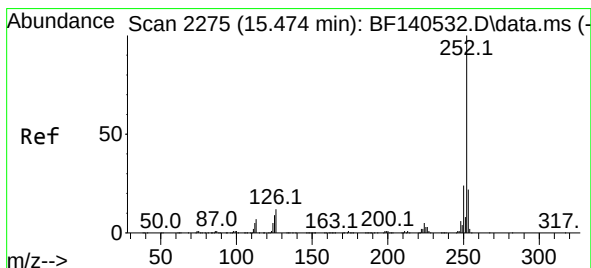
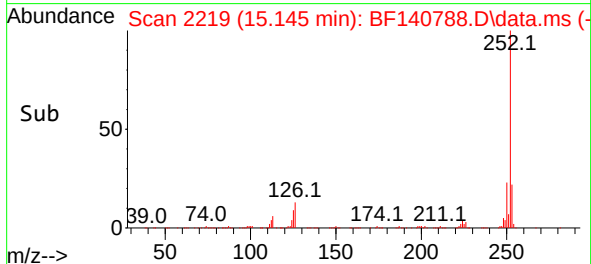
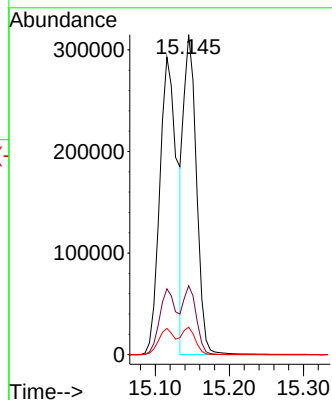
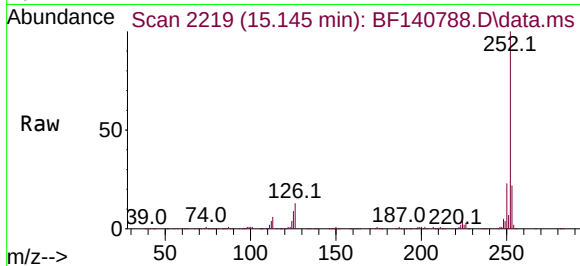
PB165435BS

Tgt Ion:252 Resp: 38021
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.6 6.5 9.7

Manual Integrations

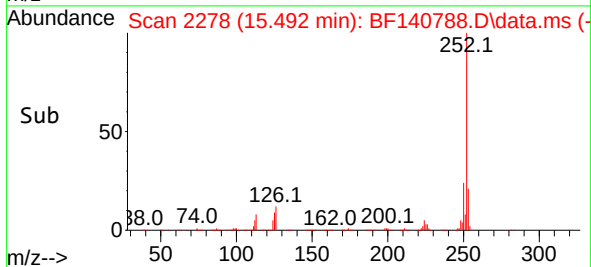
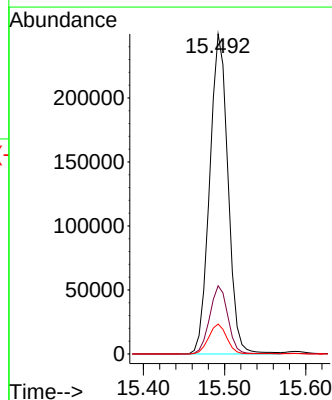
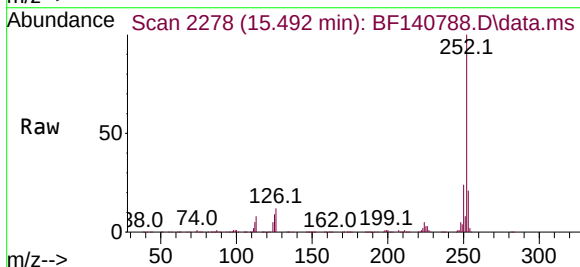
APPROVED

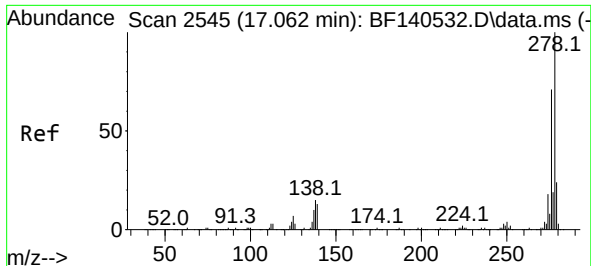
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#90
Benzo(a)pyrene
Concen: 53.899 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.018 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:252 Resp: 391696
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 9.4 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 49.287 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

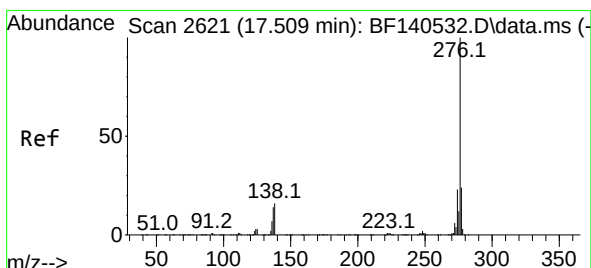
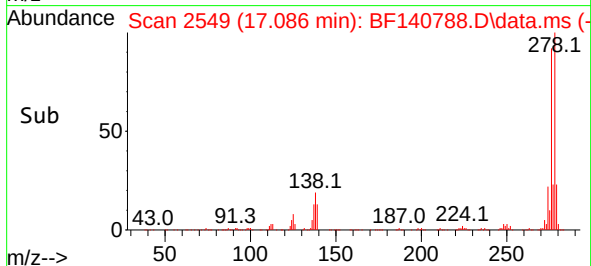
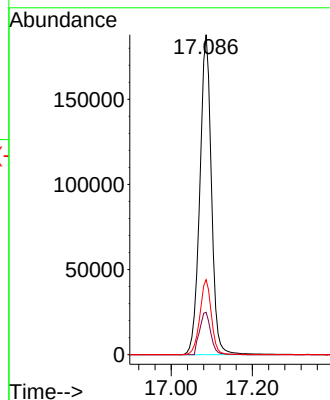
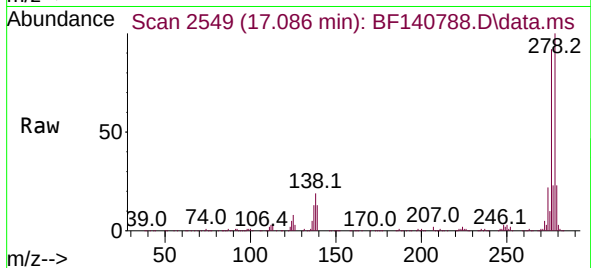
PB165435BS

Tgt Ion:278 Resp: 37431
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.4
279 23.4 18.9 28.3

Manual Integrations

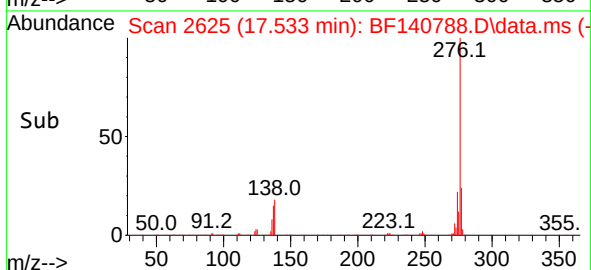
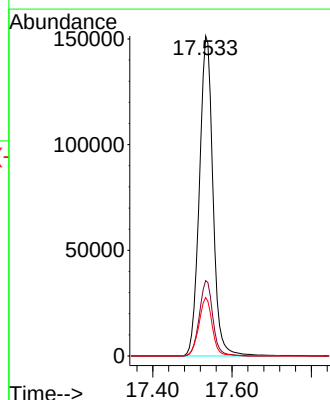
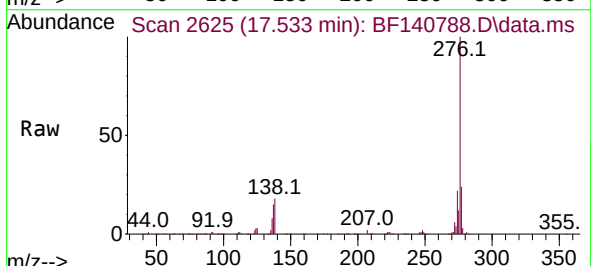
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#92
Benzo(g,h,i)perylene
Concen: 46.398 ng
RT: 17.533 min Scan# 2625
Delta R.T. 0.024 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:276 Resp: 359573
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 18.2 13.2 19.8



Report of Analysis

Client:	Weston Solutions	Date Collected:	12/04/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/04/24
Client Sample ID:	MH-764MS	SDG No.:	P5117
Lab Sample ID:	P5095-04MS	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
BF140791.D	1	12/06/24 10:45	12/09/24 15:55	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	320		15.5	40.0	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	410		8.40	40.0	50.0	ug/L
95-48-7	2-Methylphenol	460		11.3	40.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80.0	100	ug/L
67-72-1	Hexachloroethane	390		10.1	40.0	50.0	ug/L
98-95-3	Nitrobenzene	410		12.7	40.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40.0	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	450		8.90	40.0	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	440		10.1	40.0	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	460		15.2	40.0	50.0	ug/L
118-74-1	Hexachlorobenzene	460		11.4	40.0	50.0	ug/L
87-86-5	Pentachlorophenol	880	E	18.5	80.0	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128		19 - 119		86%	SPK: 150
13127-88-3	Phenol-d6	118		10 - 130		79%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.2		44 - 120		88%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.2		44 - 119		89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		43 - 140		89%	SPK: 150
1718-51-0	Terphenyl-d14	100		50 - 134		100%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79700	6.863				
1146-65-2	Naphthalene-d8	317000	8.145				
15067-26-2	Acenaphthene-d10	186000	9.904				
1517-22-2	Phenanthrene-d10	339000	11.392				
1719-03-5	Chrysene-d12	173000	14.051				
1520-96-3	Perylene-d12	180000	15.551				

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/04/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/04/24
Client Sample ID:	MH-764MS	SDG No.:	P5117
Lab Sample ID:	P5095-04MS	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
BF140791.D	1	12/06/24 10:45	12/09/24 15:55	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF120924\
 Data File : BF140791.D
 Acq On : 09 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5095-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 17:17:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	79701	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	316728	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	186143	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	339098	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	172761	20.000	ng	0.00
86) Perylene-d12	15.551	264	180382	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	599434	128.325	ng	0.01
7) Phenol-d6	6.516	99	729324	118.100	ng	0.00
23) Nitrobenzene-d5	7.428	82	546010	88.178	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	265944	133.586	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1114709	89.225	ng	-0.01
79) Terphenyl-d14	12.980	244	1111717	100.201	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.787	88	75712	38.550	ng	# 83
3) Pyridine	3.540	79	136197	31.518	ng	99
4) n-Nitrosodimethylamine	3.457	42	106649	41.992	ng	91
6) Aniline	6.534	93	70997	16.334	ng	# 1
8) 2-Chlorophenol	6.663	128	233366	46.436	ng	94
9) Benzaldehyde	6.428	77	9838	3.009	ng	95
10) Phenol	6.528	94	256450	40.663	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	227172	47.072	ng	99
12) 1,3-Dichlorobenzene	6.804	146	221837	39.285	ng	98
13) 1,4-Dichlorobenzene	6.881	146	233191	40.784	ng	98
14) 1,2-Dichlorobenzene	7.034	146	223579	41.730	ng	99
15) Benzyl Alcohol	7.016	79	209652	45.779	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	268087	47.021	ng	64
17) 2-Methylphenol	7.134	107	186280	46.305	ng	94
18) Hexachloroethane	7.369	117	84181	39.420	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	174376	47.778	ng	95
20) 3+4-Methylphenols	7.287	107	250308	48.408	ng	# 74
22) Acetophenone	7.275	105	339568	43.976	ng	# 93
24) Nitrobenzene	7.451	77	262554	41.026	ng	97
25) Isophorone	7.687	82	472592	45.759	ng	100
26) 2-Nitrophenol	7.763	139	130576	46.041	ng	96
27) 2,4-Dimethylphenol	7.804	122	201987m	59.525	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	289953	46.084	ng	99
29) 2,4-Dichlorophenol	8.016	162	215461	47.919	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	212827	41.456	ng	99
31) Naphthalene	8.169	128	720847	44.185	ng	99
32) Benzoic acid	7.945	122	122093	42.344	ng	95
33) 4-Chloroaniline	8.234	127	47362	9.696	ng	98
34) Hexachlorobutadiene	8.281	225	139257	40.953	ng	100
35) Caprolactam	8.598	113	55425m	39.831	ng	
36) 4-Chloro-3-methylphenol	8.716	107	237890	47.254	ng	99
37) 2-Methylnaphthalene	8.857	142	491532	47.435	ng	100
38) 1-Methylnaphthalene	8.957	142	460226	45.311	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	240002	44.042	ng	99
41) Hexachlorocyclopentadiene	9.004	237	137561	109.360	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	154798	45.270	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140791.D
 Acq On : 09 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5095-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 17:17:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	163723	44.118	ng	97
46) 1,1'-Biphenyl	9.322	154	639347	46.004	ng	100
47) 2-Chloronaphthalene	9.351	162	469433	44.578	ng	98
48) 2-Nitroaniline	9.451	65	153276	45.347	ng	97
49) Acenaphthylene	9.763	152	770695	48.438	ng	100
50) Dimethylphthalate	9.622	163	579964	47.308	ng	100
51) 2,6-Dinitrotoluene	9.692	165	123946	44.579	ng	96
52) Acenaphthene	9.939	154	485059	47.980	ng	99
53) 3-Nitroaniline	9.869	138	39832	14.648	ng	95
54) 2,4-Dinitrophenol	9.986	184	126025	86.785	ng	91
55) Dibenzofuran	10.110	168	716174	46.443	ng	100
56) 4-Nitrophenol	10.051	139	133056	71.746	ng	94
57) 2,4-Dinitrotoluene	10.104	165	168894	45.707	ng	94
58) Fluorene	10.451	166	577835	46.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	142478	49.956	ng	90
60) Diethylphthalate	10.322	149	579329	46.511	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	283629	46.693	ng	98
62) 4-Nitroaniline	10.486	138	111966	39.258	ng	90
63) Azobenzene	10.604	77	540076	45.787	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	88121	50.854	ng	95
66) n-Nitrosodiphenylamine	10.563	169	456538	45.526	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	165214	47.310	ng	96
68) Hexachlorobenzene	11.004	284	184261	45.568	ng	98
69) Atrazine	11.092	200	100165	35.506	ng	98
70) Pentachlorophenol	11.210	266	156477	87.924	ng	98
71) Phenanthrene	11.422	178	808533	49.603	ng	99
72) Anthracene	11.475	178	818981	51.364	ng	99
73) Carbazole	11.633	167	652811	42.559	ng	100
74) Di-n-butylphthalate	11.951	149	850560	48.031	ng	99
75) Fluoranthene	12.610	202	782758	44.229	ng	99
77) Benzidine	12.751	184	9808m	1.953	ng	
78) Pyrene	12.845	202	787494	49.299	ng	99
80) Butylbenzylphthalate	13.451	149	300969	52.302	ng	99
81) Benzo(a)anthracene	14.039	228	555445	48.569	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	28273	8.234	ng	98
83) Chrysene	14.074	228	511582	48.922	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	371182	51.084	ng	99
85) Di-n-octyl phthalate	14.639	149	590749	59.490	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	461473	39.257	ng	97
88) Benzo(b)fluoranthene	15.110	252	578695	51.076	ng	99
89) Benzo(k)fluoranthene	15.139	252	501730	50.604	ng	99
90) Benzo(a)pyrene	15.486	252	502239	54.519	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	390036	40.514	ng	99
92) Benzo(g,h,i)perylene	17.527	276	301164	30.656	ng	98

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

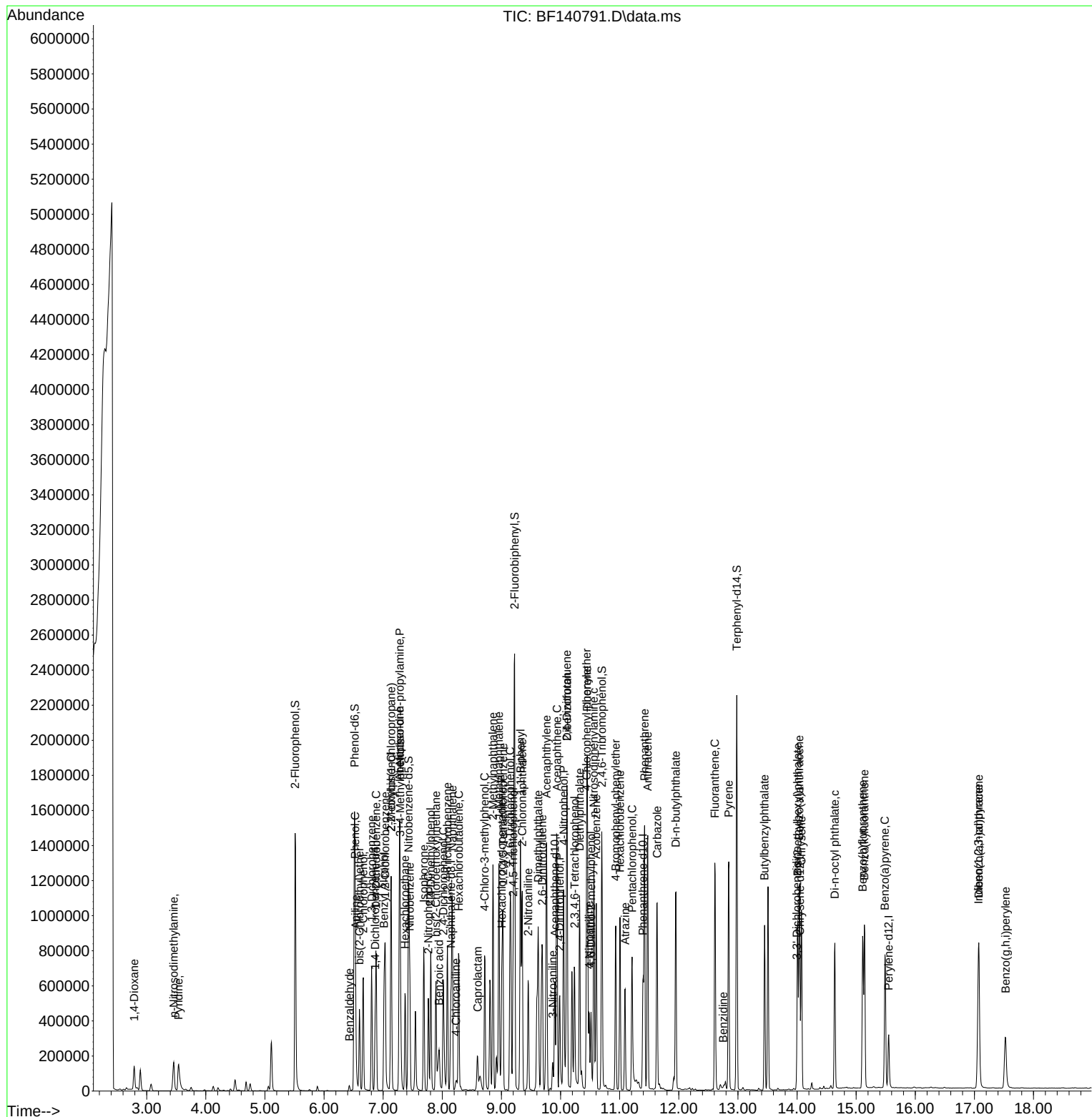
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Data File : BF140791.D
Acq On : 09 Dec 2024 15:55
Operator : RC/JU
Sample : P5095-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

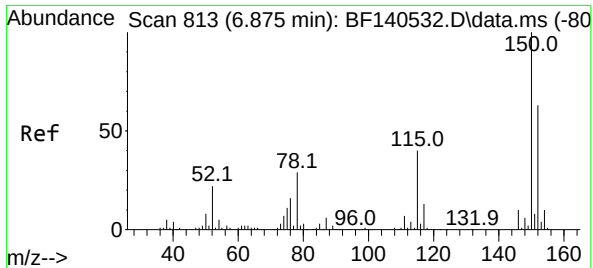
Instrument :
BNA_F
ClientSampleId :
MH-764MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 17:17:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration





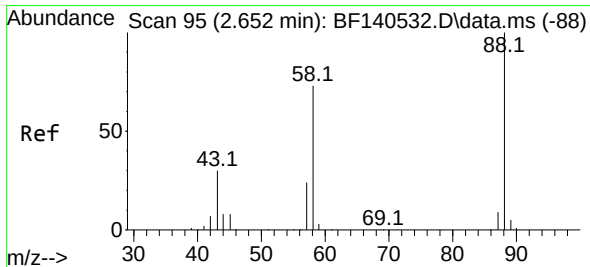
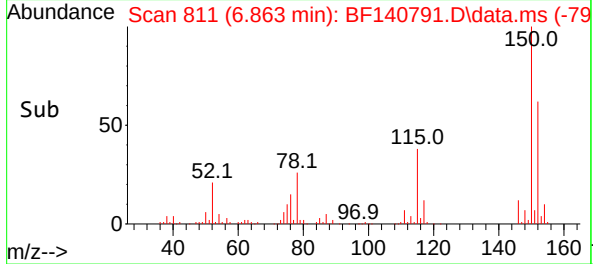
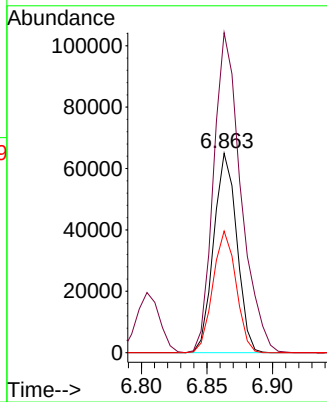
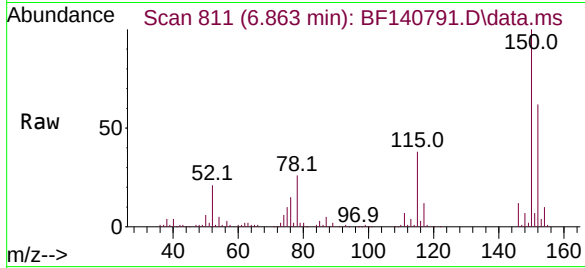
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:152 Resp: 7970
Ion Ratio Lower Upper
152 100
150 160.5 128.5 192.7
115 61.0 50.2 75.4

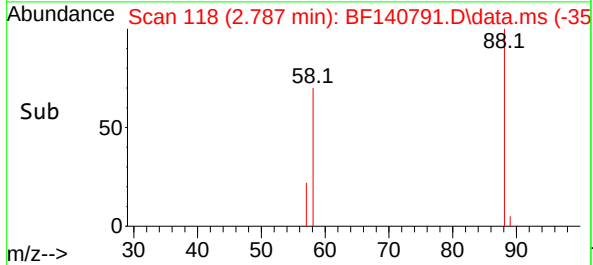
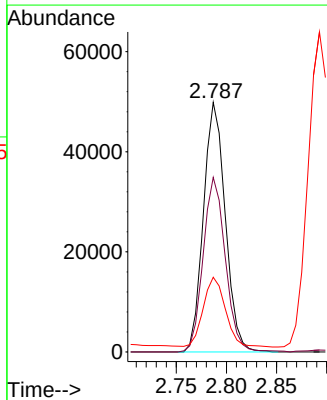
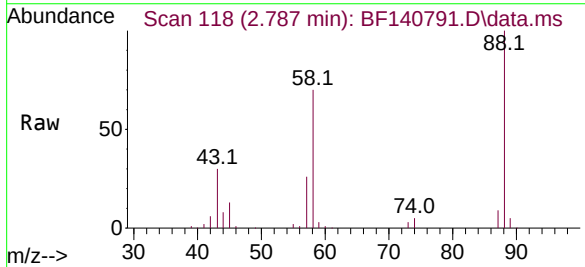
Manual Integrations
APPROVED

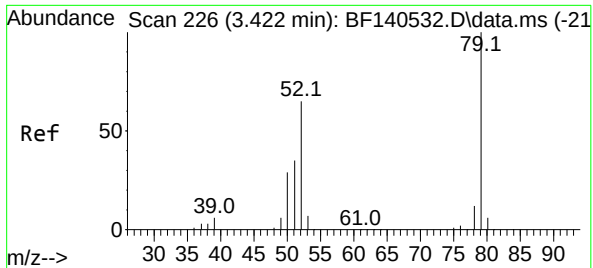
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 38.550 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.135 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

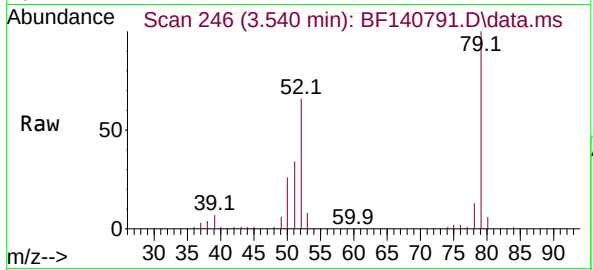
Tgt Ion: 88 Resp: 75712
Ion Ratio Lower Upper
88 100
58 71.2 57.4 86.2
43 0.0 24.3 36.5





#3
Pyridine
Concen: 31.518 ng
RT: 3.540 min Scan# 246
Delta R.T. 0.118 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

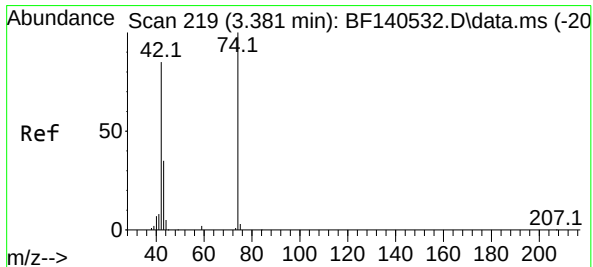
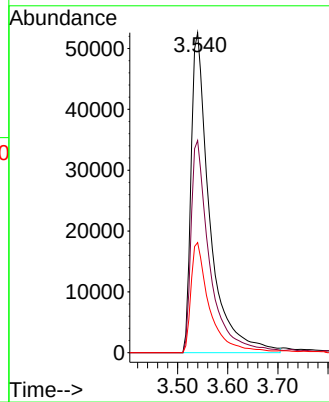
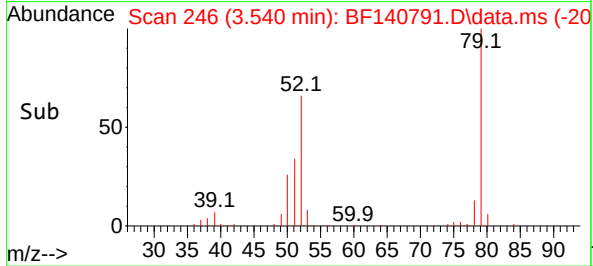
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion: 79 Resp: 13619
Ion Ratio Lower Upper
79 100
52 66.3 52.1 78.1
51 34.4 27.8 41.8

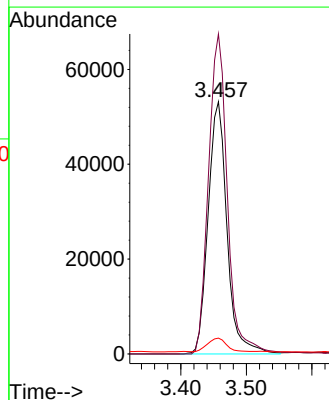
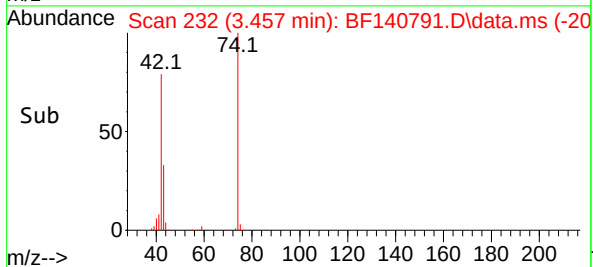
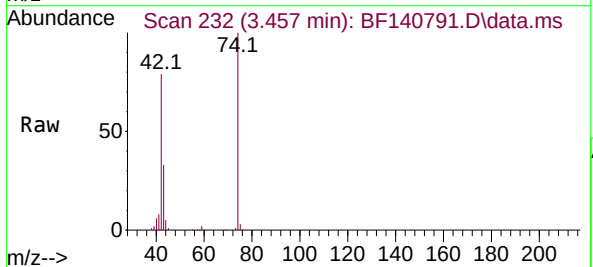
Manual Integrations
APPROVED

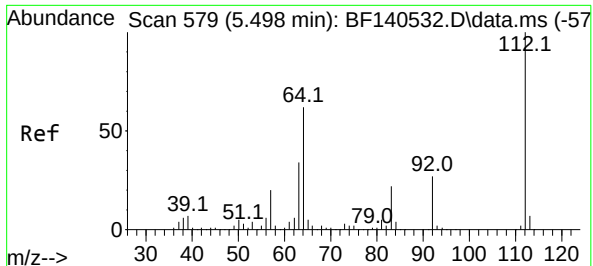
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#4
n-Nitrosodimethylamine
Concen: 41.992 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.077 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 42 Resp: 106649
Ion Ratio Lower Upper
42 100
74 126.9 93.8 140.6
44 6.3 4.6 6.8





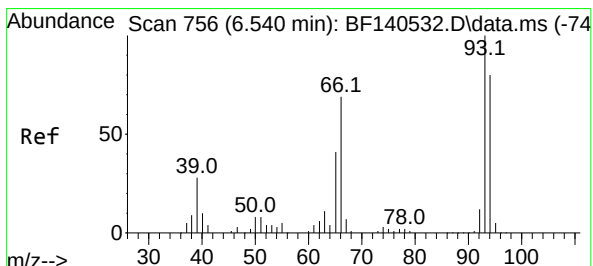
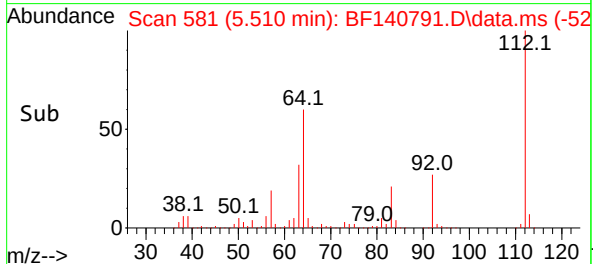
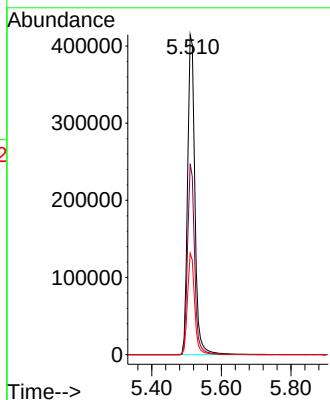
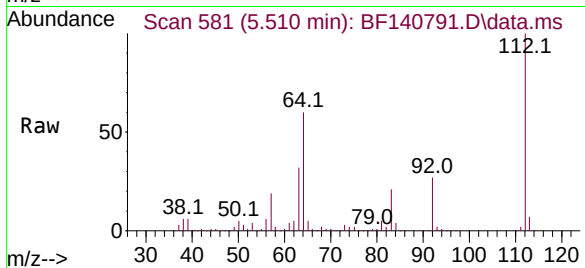
#5
2-Fluorophenol
Concen: 128.325 ng
RT: 5.510 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:112 Resp: 599434
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.7 27.0 40.4

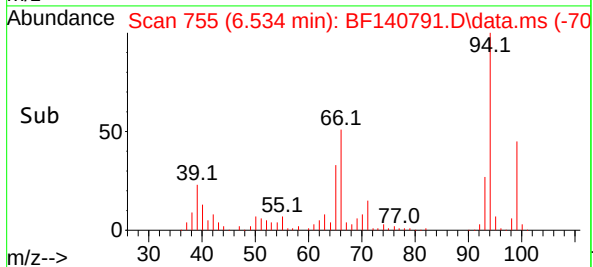
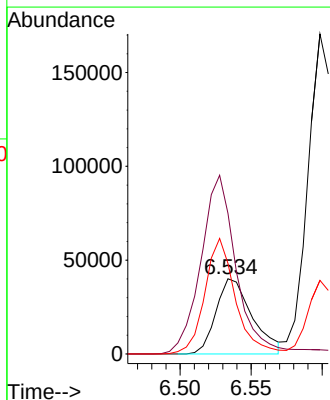
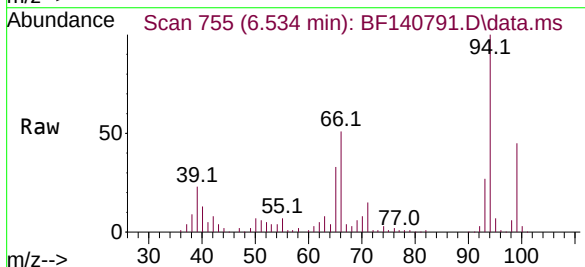
Manual Integrations
APPROVED

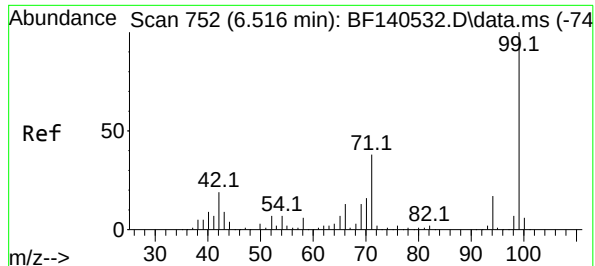
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 16.334 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 93 Resp: 70997
Ion Ratio Lower Upper
93 100
66 187.3 56.5 84.7#
65 120.5 32.9 49.3#





#7

Phenol-d6

Concen: 118.100 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 99 Resp: 729324

Ion Ratio Lower Upper

99 100

42 17.5 15.4 23.0

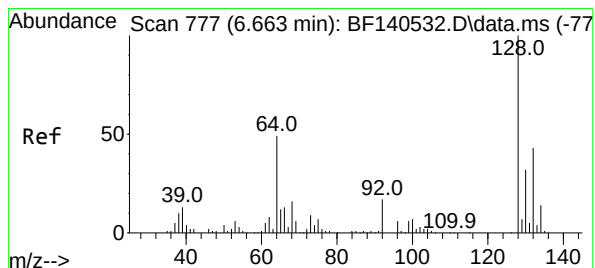
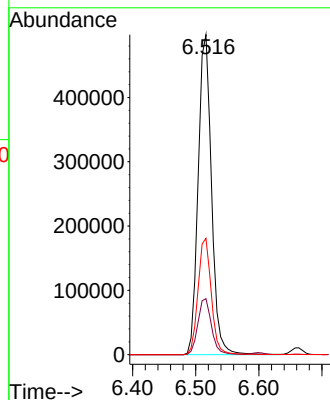
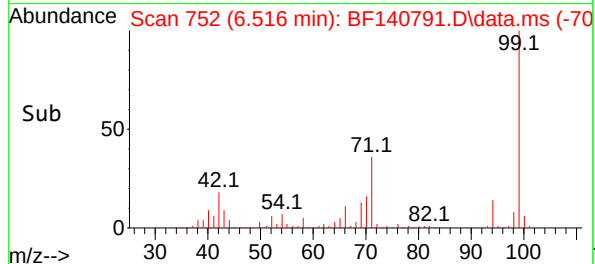
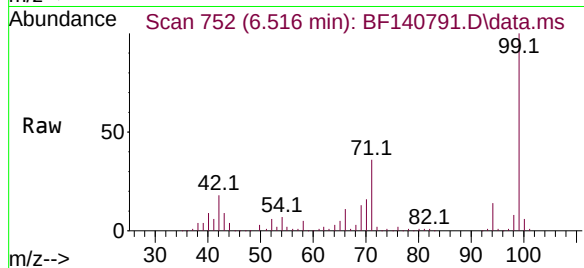
71 36.4 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#8

2-Chlorophenol

Concen: 46.436 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

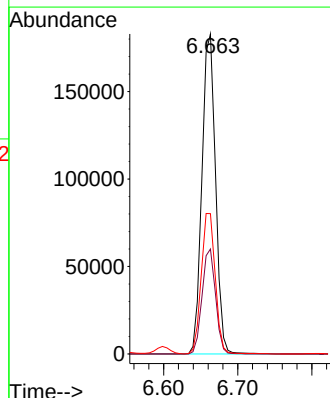
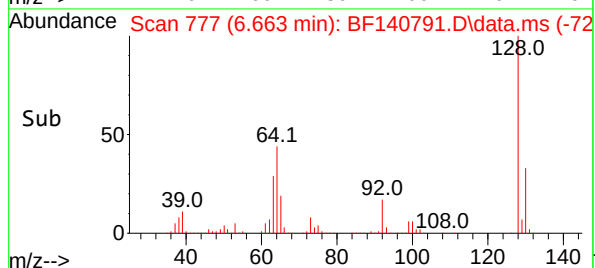
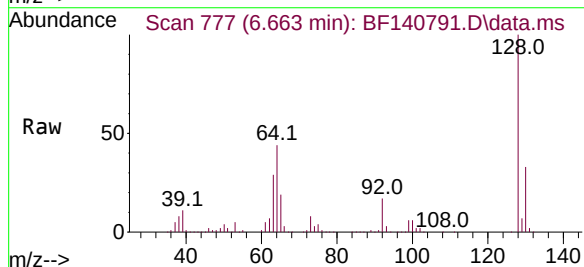
Tgt Ion:128 Resp: 233366

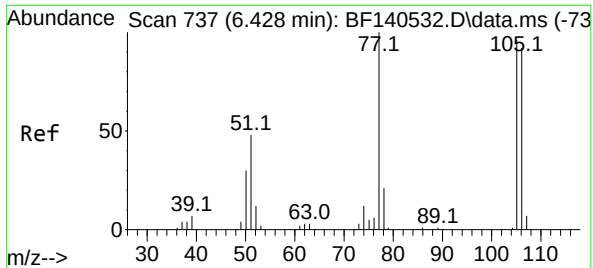
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 43.9 30.2 70.2





#9

Benzaldehyde

Concen: 3.009 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 77 Resp: 983

Ion Ratio Lower Upper

77 100

105 100.7 75.6 115.6

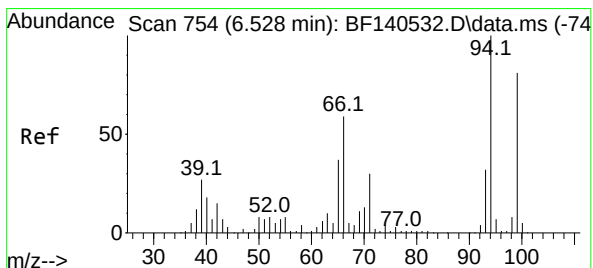
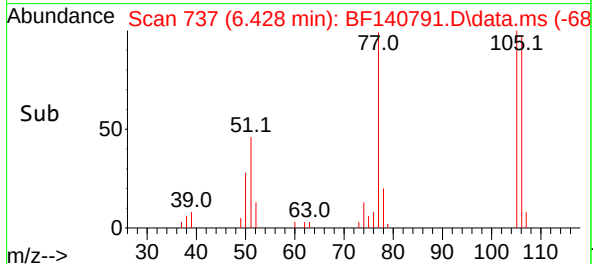
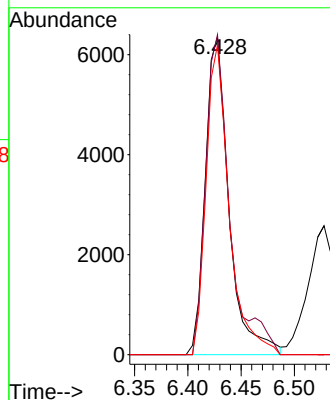
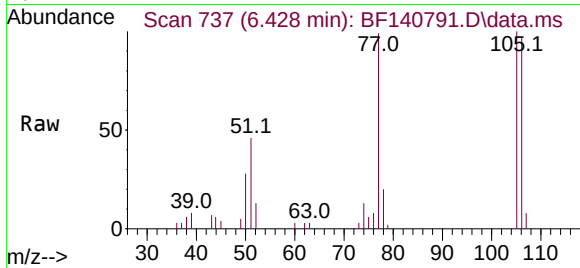
106 97.5 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#10

Phenol

Concen: 40.663 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

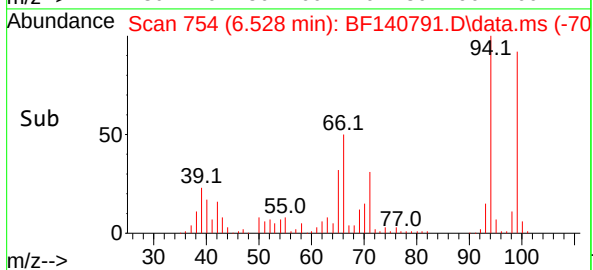
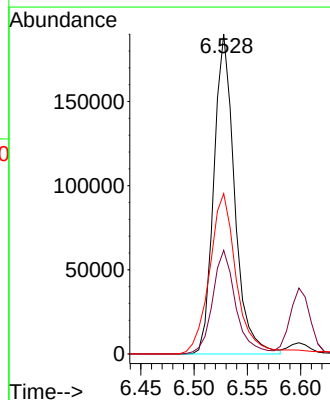
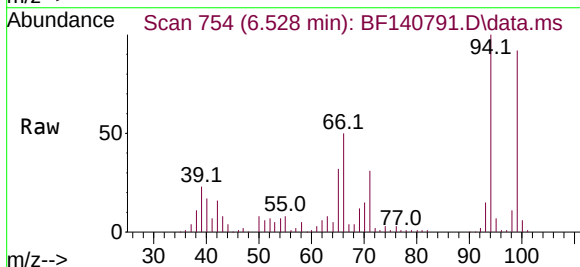
Tgt Ion: 94 Resp: 256450

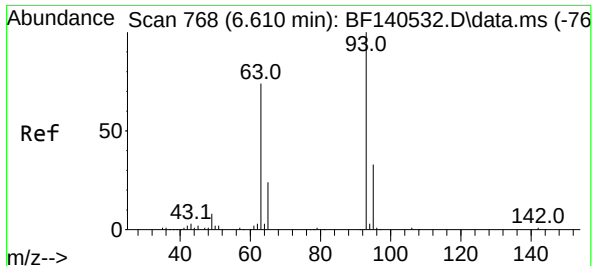
Ion Ratio Lower Upper

94 100

65 32.4 17.2 57.2

66 50.1 39.2 79.2





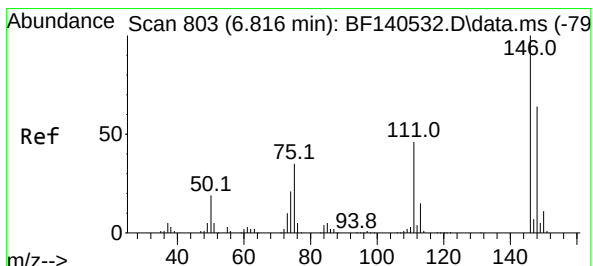
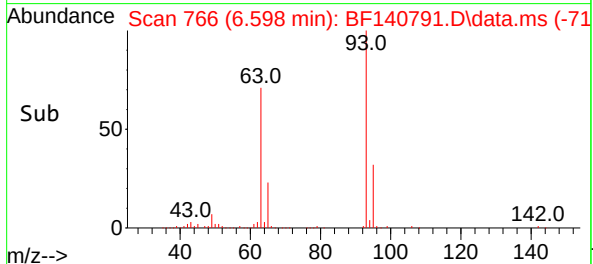
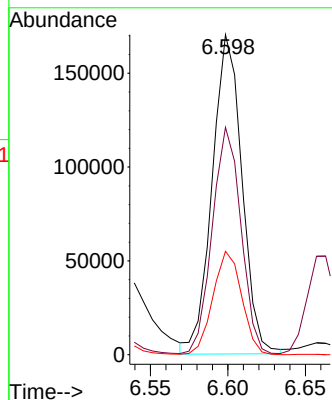
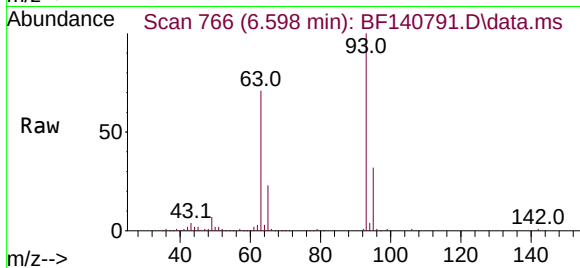
#11
bis(2-Chloroethyl)ether
Concen: 47.072 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion: 93 Resp: 22717
Ion Ratio Lower Upper
93 100
63 71.1 52.8 92.8
95 32.3 12.3 52.3

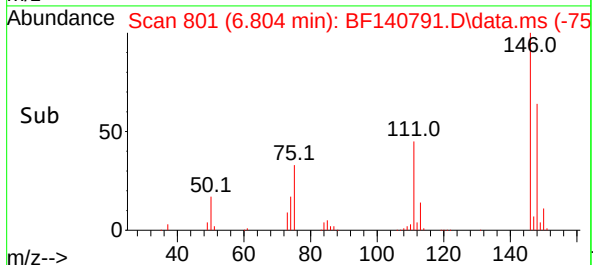
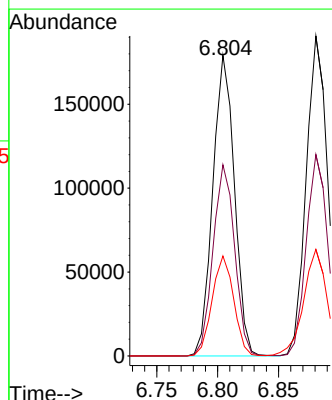
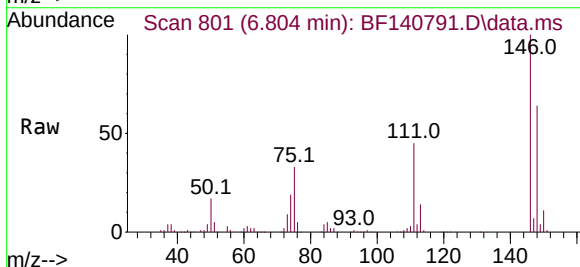
Manual Integrations
APPROVED

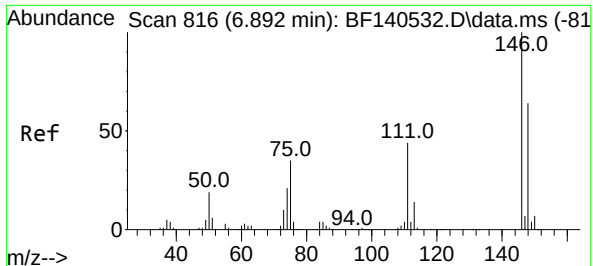
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 39.285 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:146 Resp: 221837
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 33.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 40.784 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:146 Resp: 23319

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

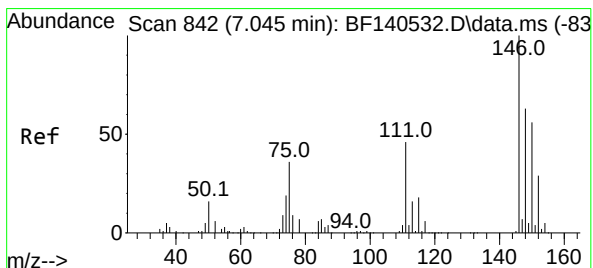
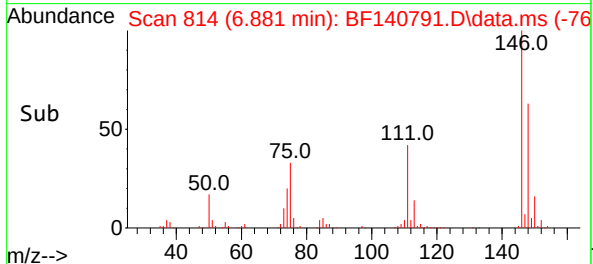
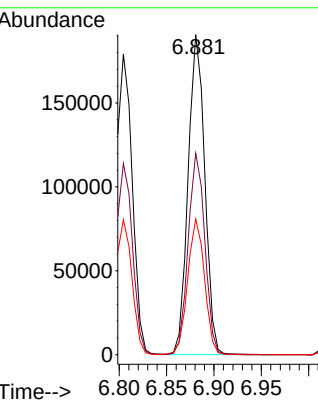
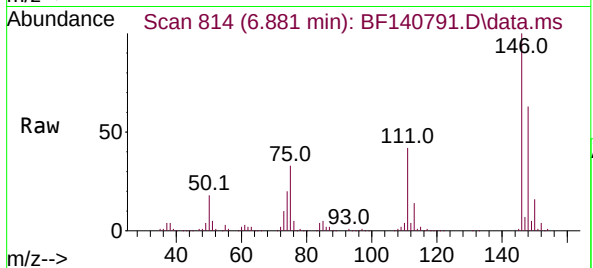
111 42.4 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#14

1,2-Dichlorobenzene

Concen: 41.730 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

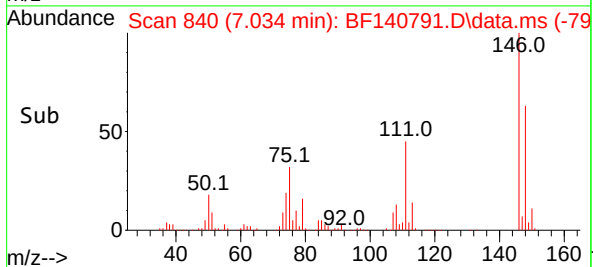
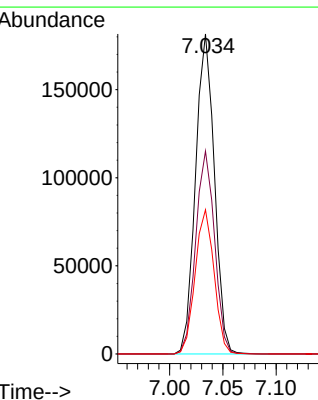
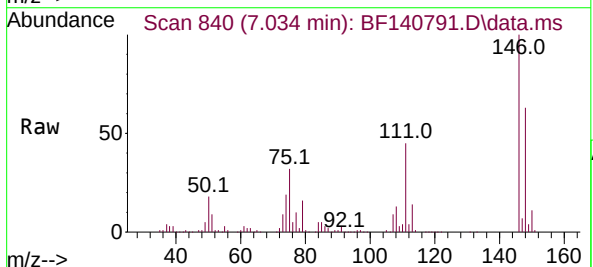
Tgt Ion:146 Resp: 223579

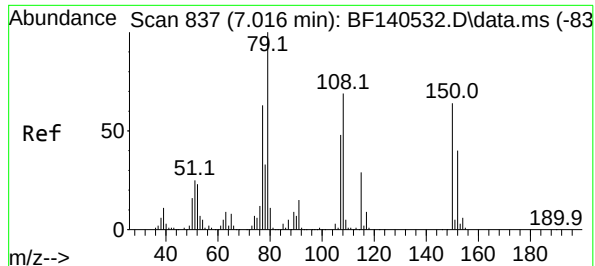
Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

111 45.1 36.7 55.1





#15

Benzyl Alcohol

Concen: 45.779 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 79 Resp: 209652

Ion Ratio Lower Upper

79 100

108 73.9 55.0 82.6

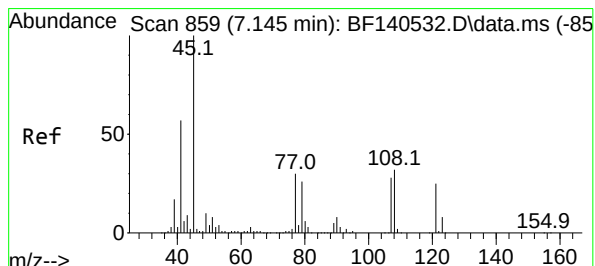
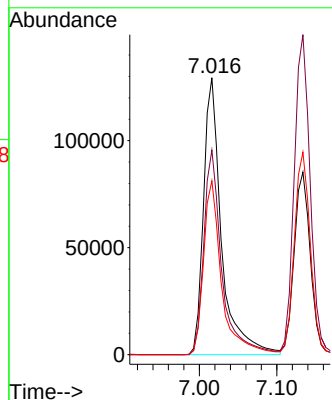
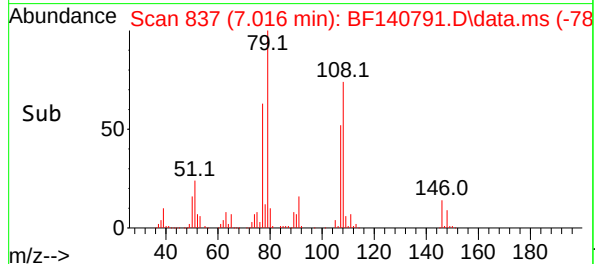
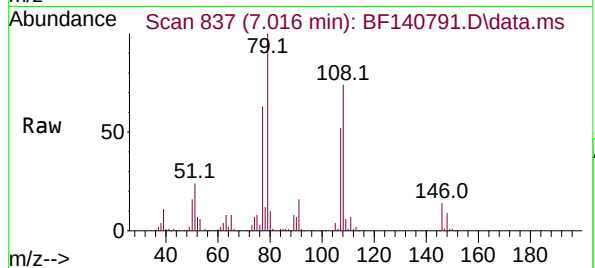
77 62.8 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.021 ng

RT: 7.134 min Scan# 857

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

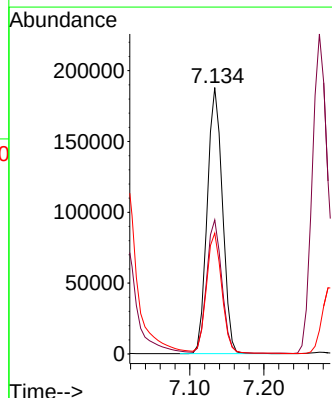
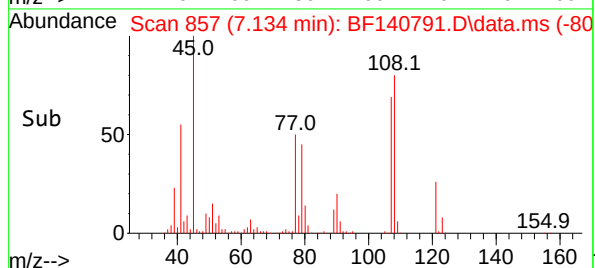
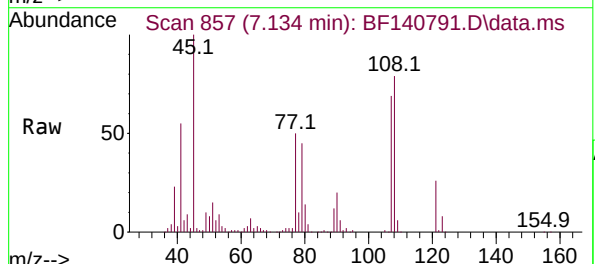
Tgt Ion: 45 Resp: 268087

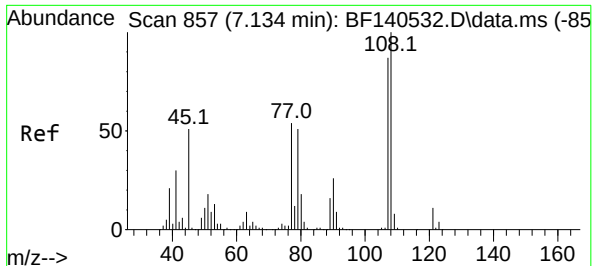
Ion Ratio Lower Upper

45 100

77 50.3 10.7 50.7

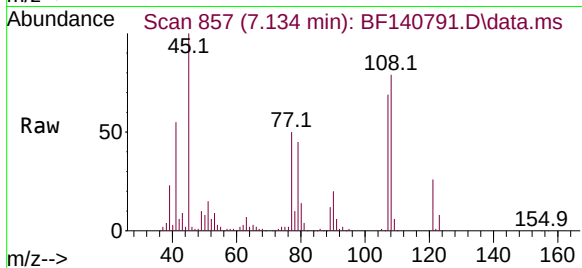
79 45.4 7.0 47.0





#17
2-Methylphenol
Concen: 46.305 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

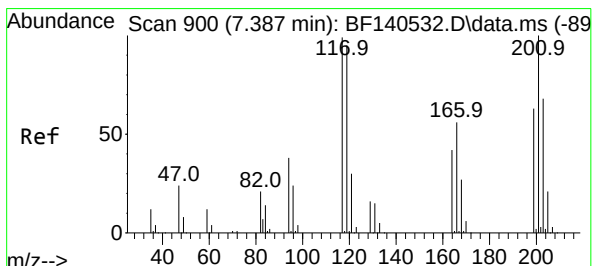
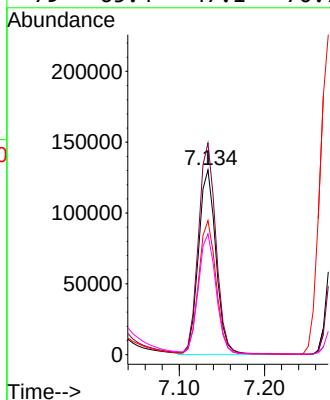
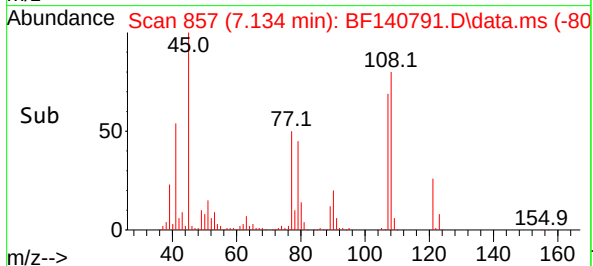
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:107 Resp: 186280
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 72.5 49.3 73.9
79 65.4 47.1 70.7

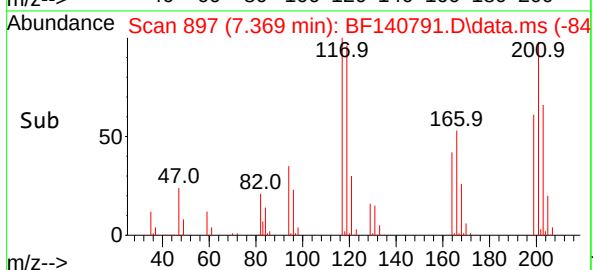
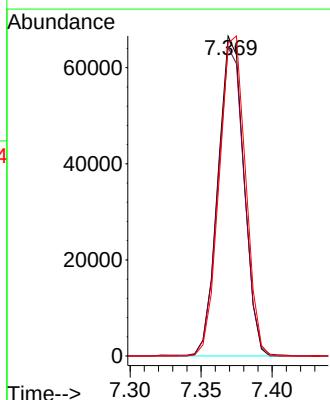
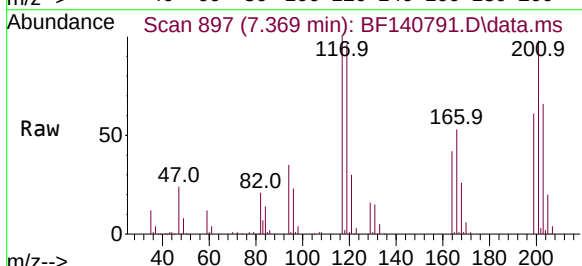
Manual Integrations
APPROVED

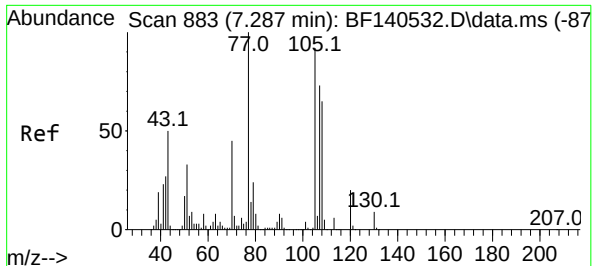
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 39.420 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:117 Resp: 84181
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
201 97.8 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.778 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140791.D

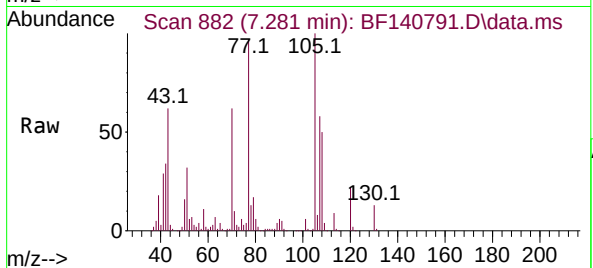
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS



Tgt Ion: 70 Resp: 174370

Ion Ratio Lower Upper

70 100

42 54.6 47.6 71.4

101 9.8 7.6 11.4

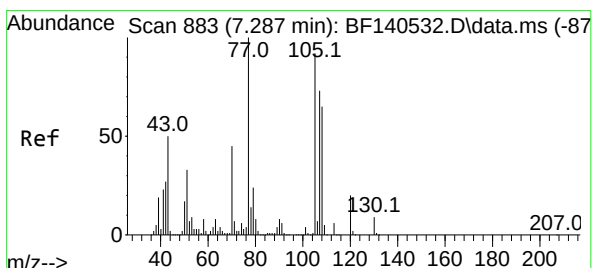
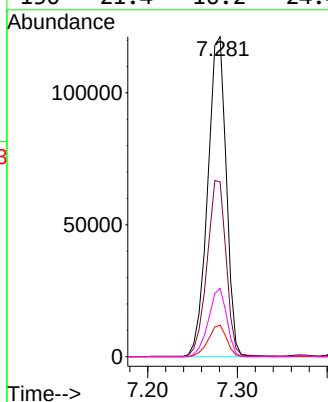
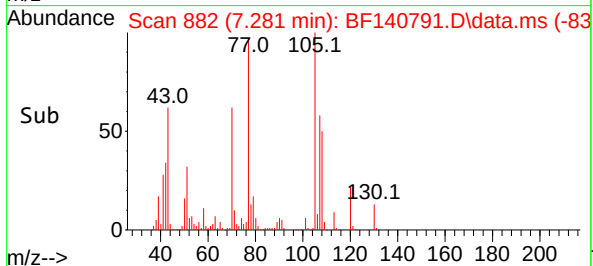
130 21.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#20

3+4-Methylphenols

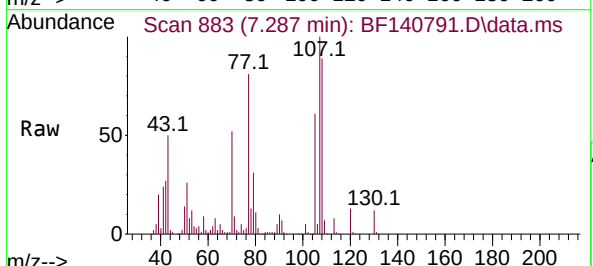
Concen: 48.408 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55



Tgt Ion:107 Resp: 250308

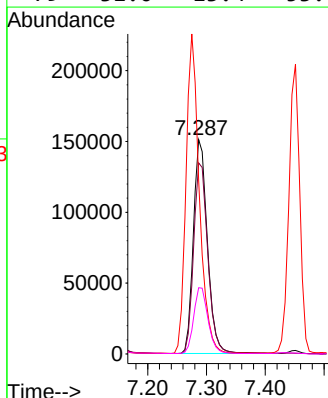
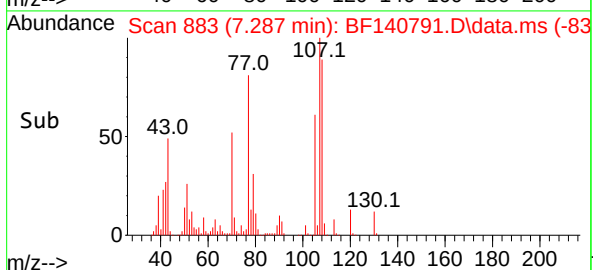
Ion Ratio Lower Upper

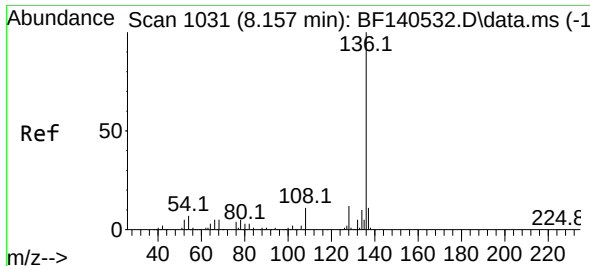
107 100

108 89.2 69.9 109.9

77 80.7 117.7 157.7#

79 31.0 13.4 53.4





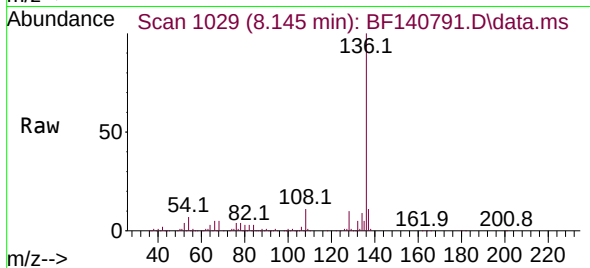
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

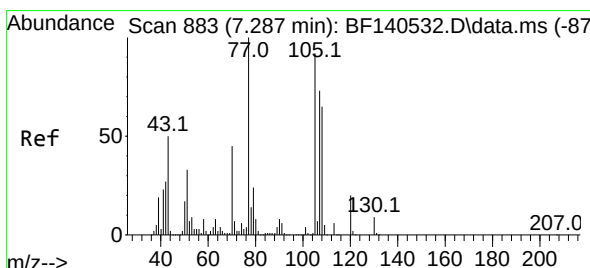
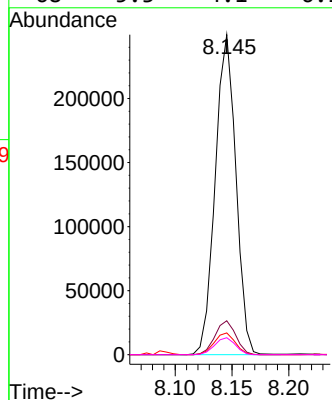
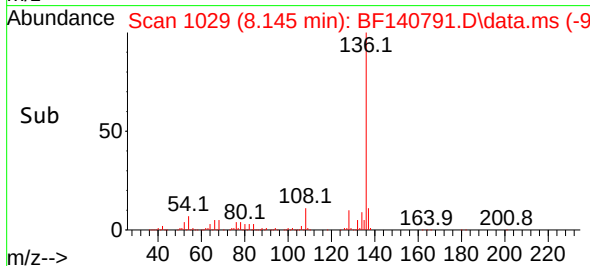


Tgt Ion:136 Resp: 316728
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 5.3 4.1 6.1

Manual Integrations

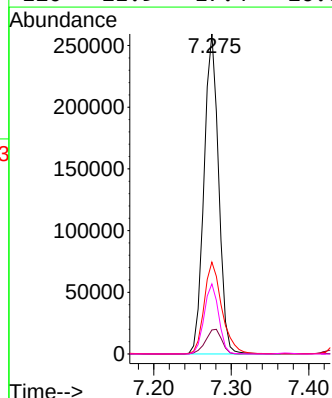
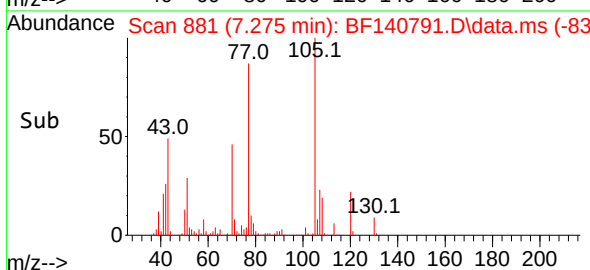
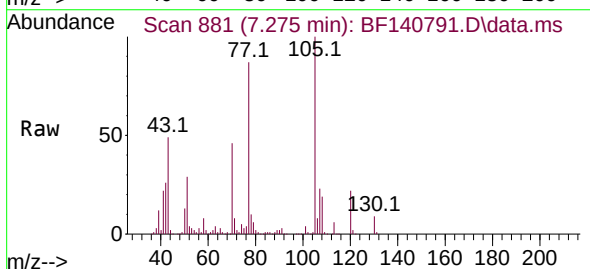
APPROVED

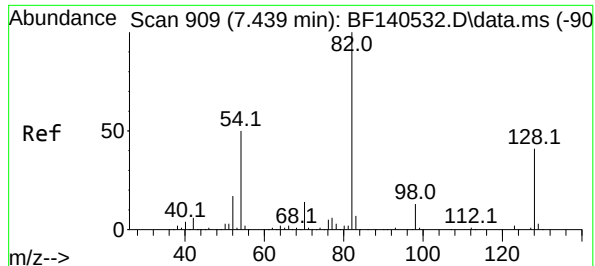
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 43.976 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:105 Resp: 339568
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.2
51 28.7 29.0 43.6#
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 88.178 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 82 Resp: 546010

Ion Ratio Lower Upper

82 100

128 42.7 33.0 49.4

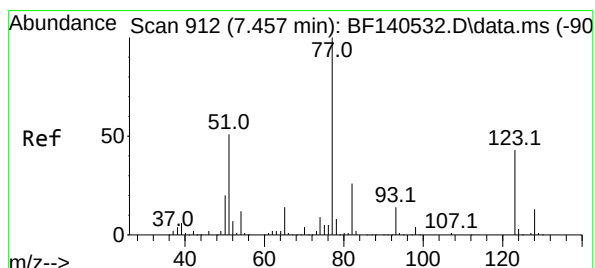
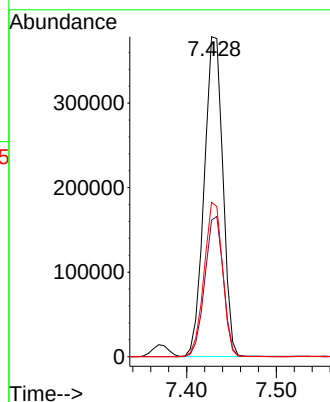
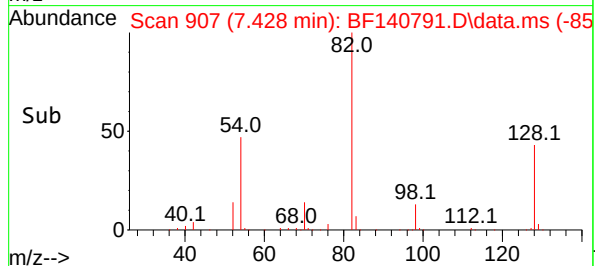
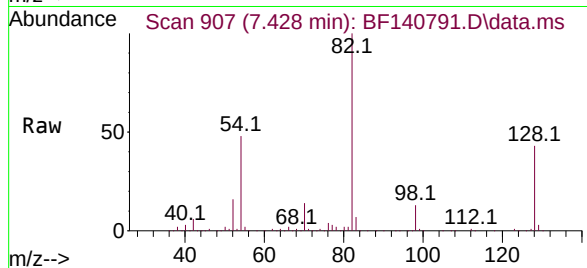
54 48.2 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#24

Nitrobenzene

Concen: 41.026 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

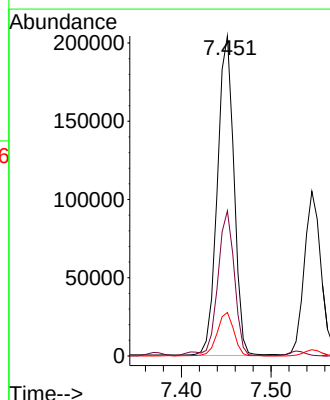
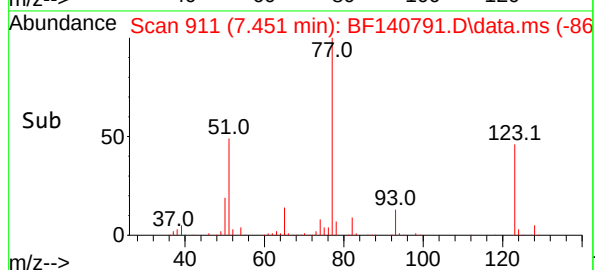
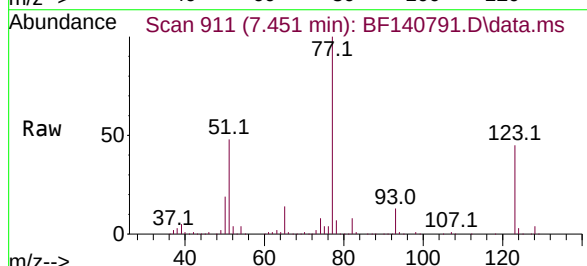
Tgt Ion: 77 Resp: 262554

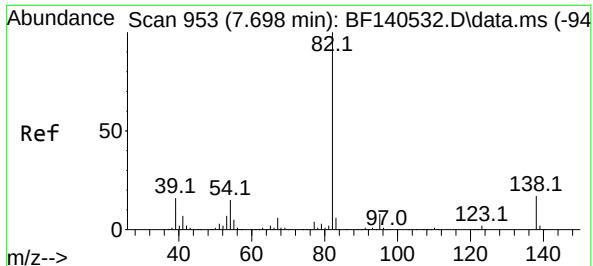
Ion Ratio Lower Upper

77 100

123 45.4 34.3 51.5

65 13.6 11.2 16.8





#25

Isophorone

Concen: 45.759 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 82 Resp: 472592

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

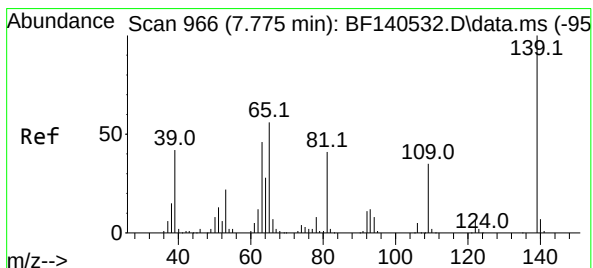
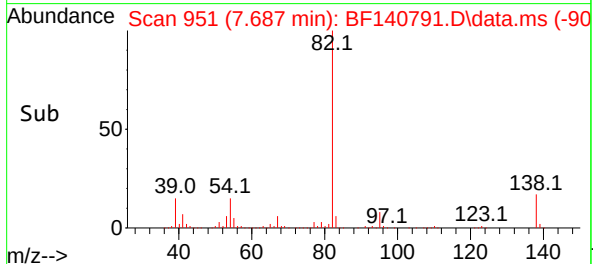
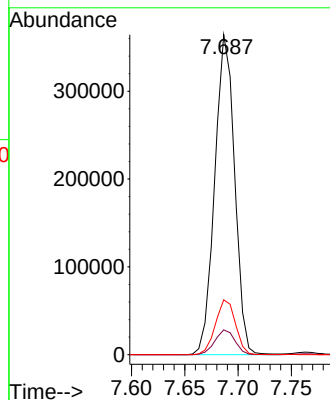
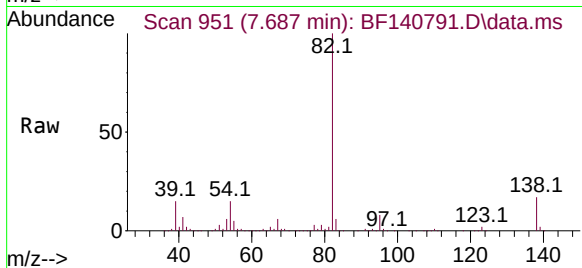
138 17.2 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#26

2-Nitrophenol

Concen: 46.041 ng

RT: 7.763 min Scan# 964

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

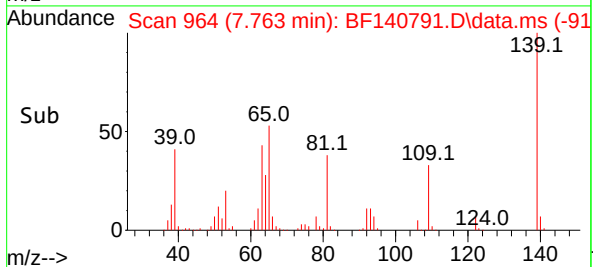
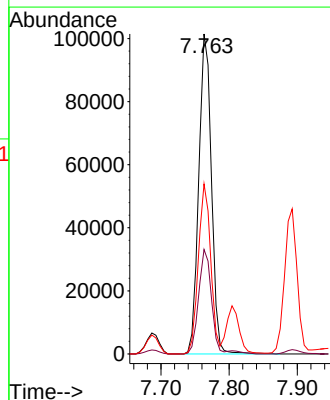
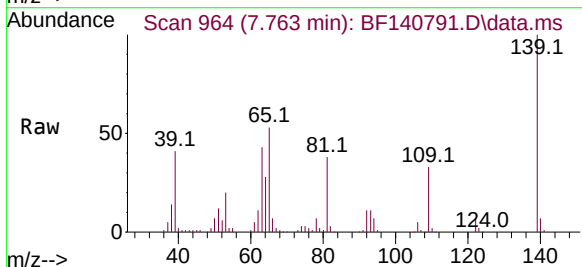
Tgt Ion:139 Resp: 130576

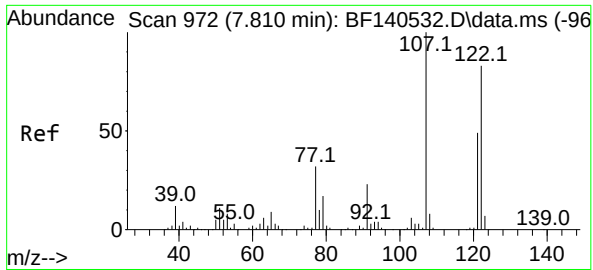
Ion Ratio Lower Upper

139 100

109 32.7 28.0 42.0

65 53.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 59.525 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:122 Resp: 20198

Ion Ratio Lower Upper

122 100

107 116.2 96.8 145.2

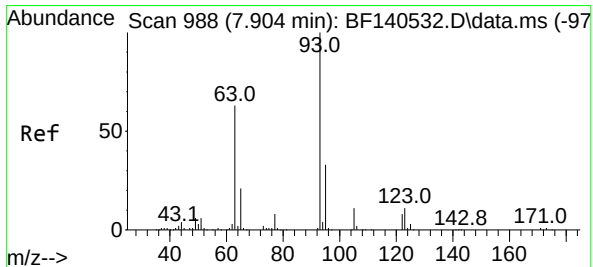
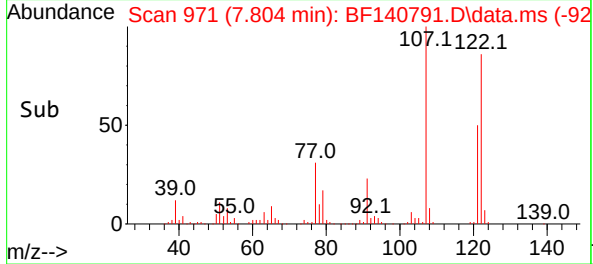
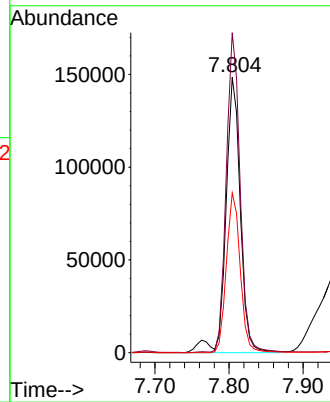
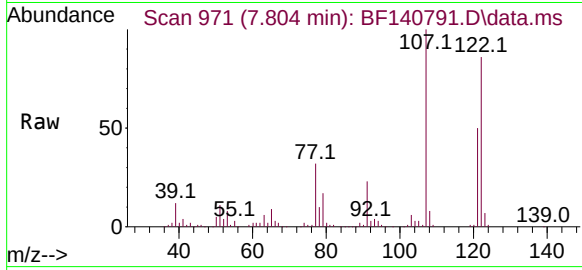
121 58.0 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 46.084 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

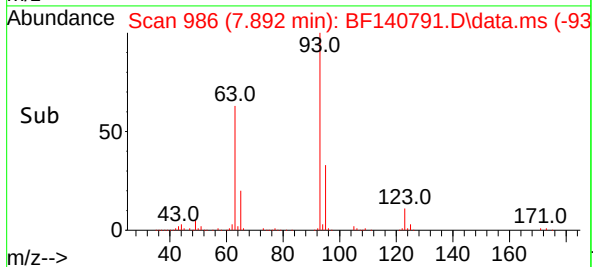
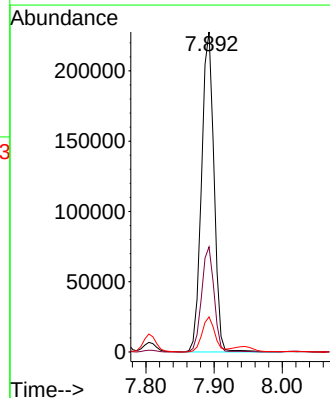
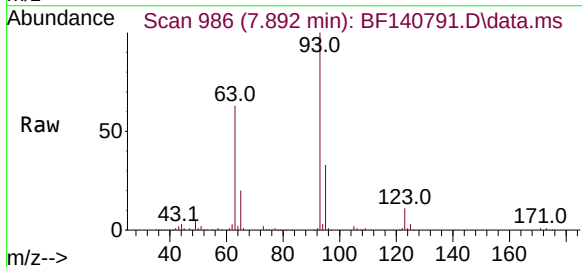
Tgt Ion: 93 Resp: 289953

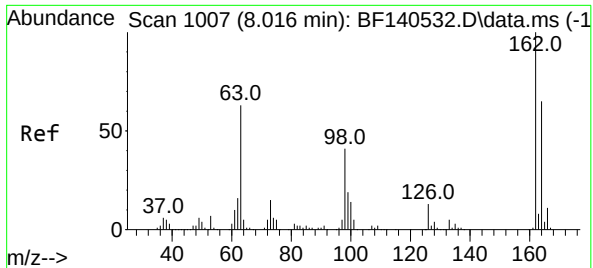
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 10.9 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 47.919 ng
RT: 8.016 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

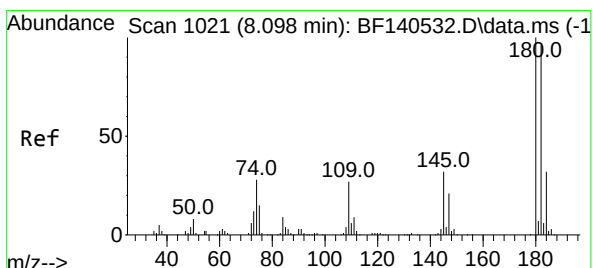
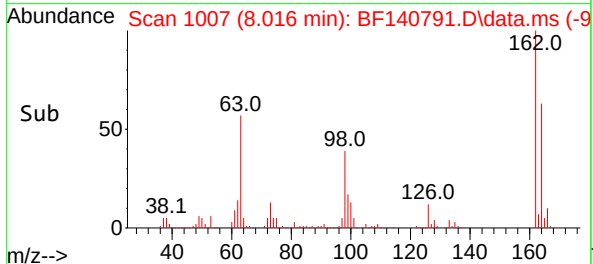
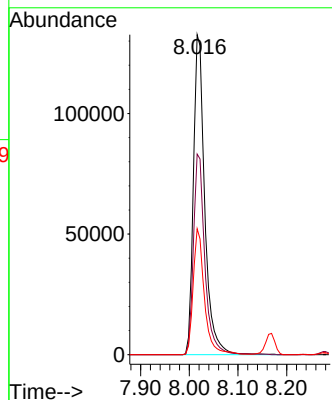
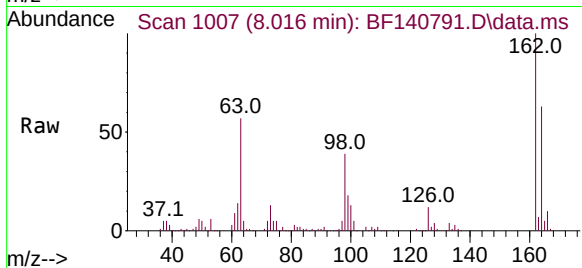
MH-764MS

Tgt Ion:162 Resp: 21546
Ion Ratio Lower Upper
162 100
164 62.7 44.8 84.8
98 39.3 21.2 61.2

Manual Integrations

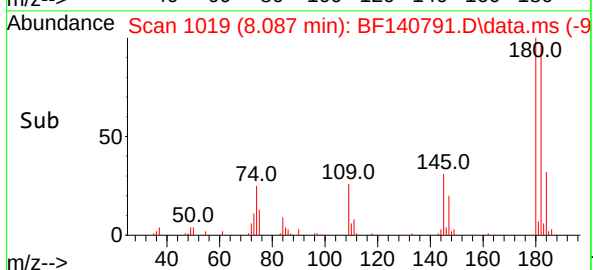
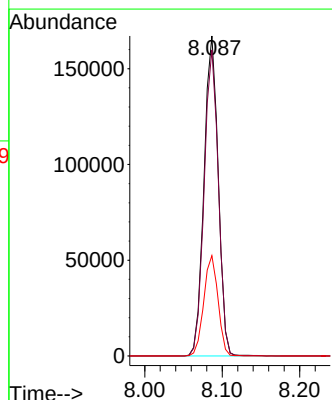
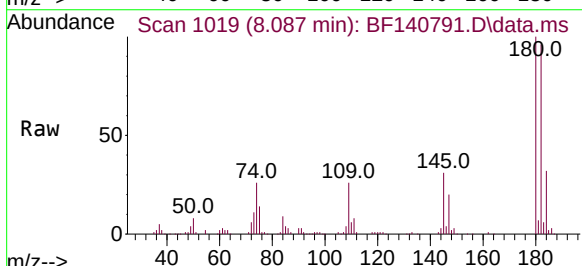
APPROVED

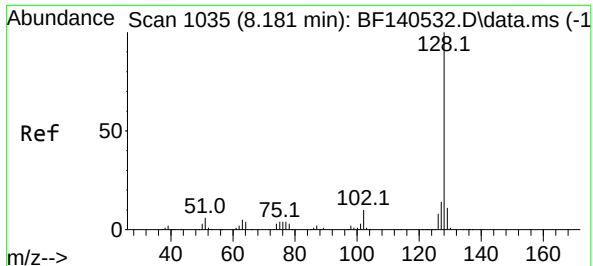
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.456 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:180 Resp: 212827
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 31.4 25.9 38.9





#31

Naphthalene

Concen: 44.185 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:128 Resp: 72084

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

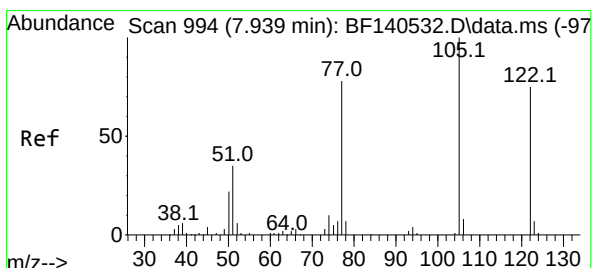
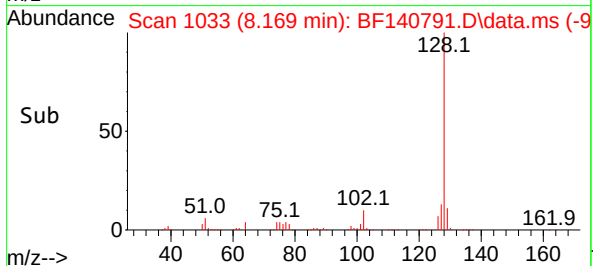
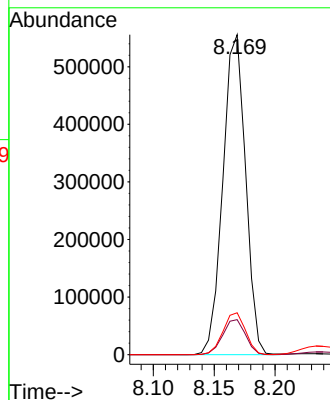
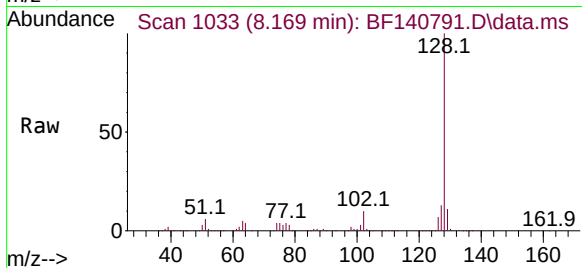
127 13.1 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#32

Benzoic acid

Concen: 42.344 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

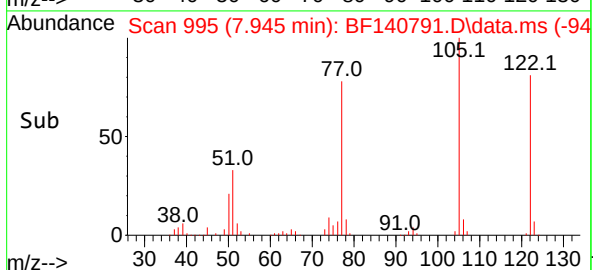
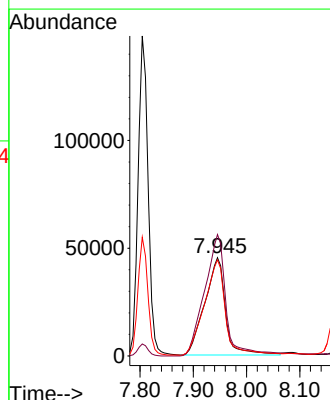
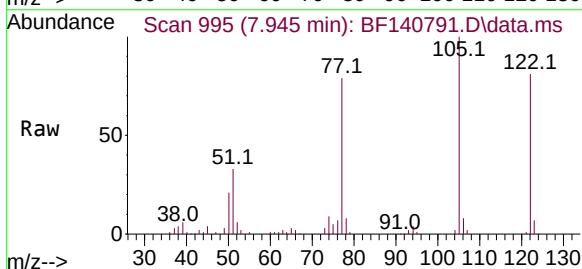
Tgt Ion:122 Resp: 122093

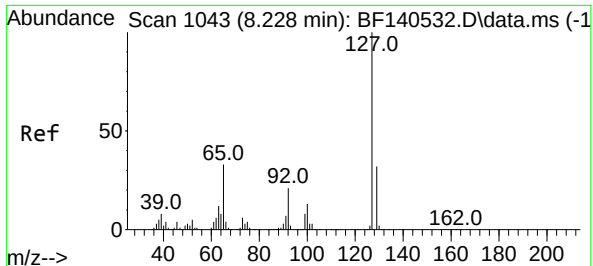
Ion Ratio Lower Upper

122 100

105 123.6 109.3 149.3

77 98.0 82.3 122.3





#33

4-Chloroaniline

Concen: 9.696 ng

RT: 8.234 min Scan# 1043

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:127 Resp: 47362

Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 34.3 26.0 39.0

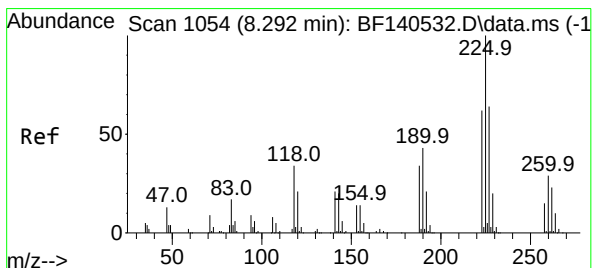
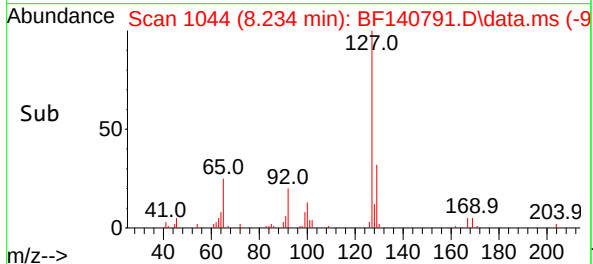
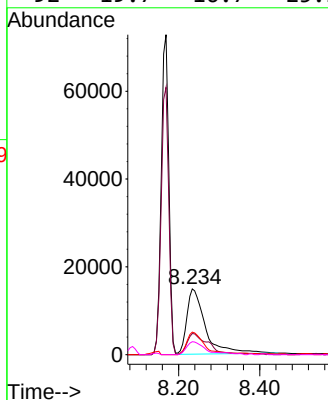
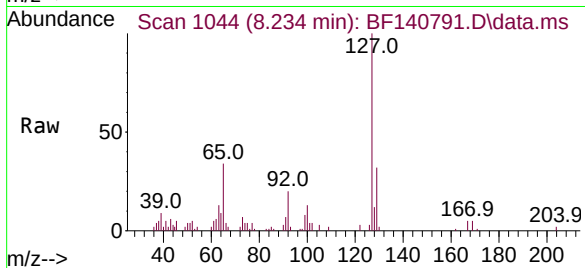
92 19.7 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#34

Hexachlorobutadiene

Concen: 40.953 ng

RT: 8.281 min Scan# 1052

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

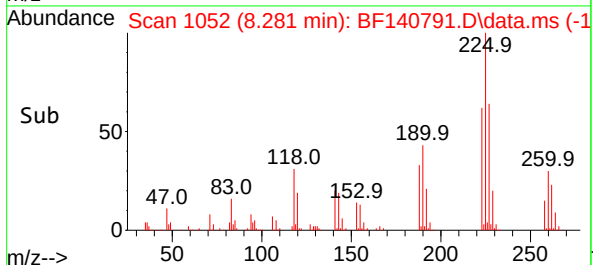
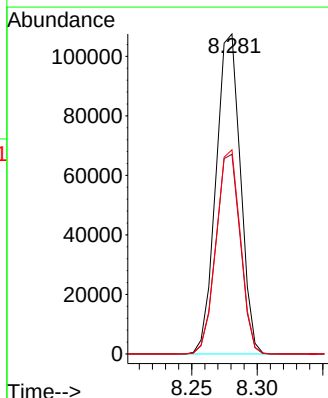
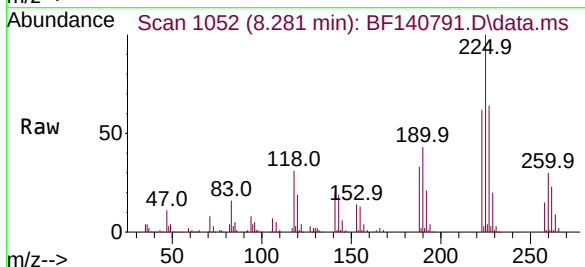
Tgt Ion:225 Resp: 139257

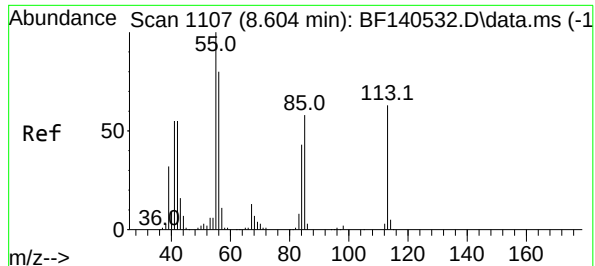
Ion Ratio Lower Upper

225 100

223 62.4 49.8 74.8

227 63.8 51.3 76.9





#35

Caprolactam

Concen: 39.831 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:113 Resp: 5542

Ion Ratio Lower Upper

113 100

55 150.8 137.7 177.7

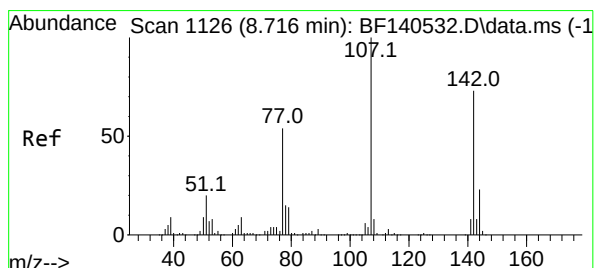
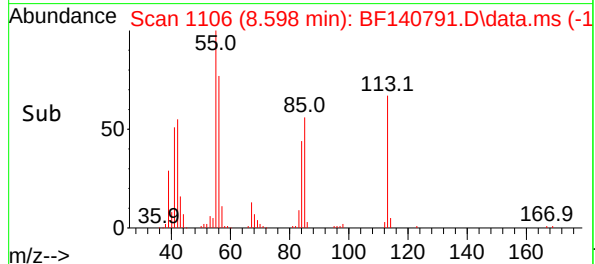
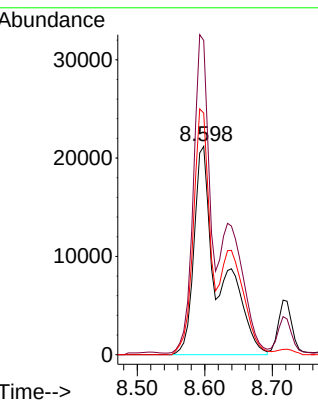
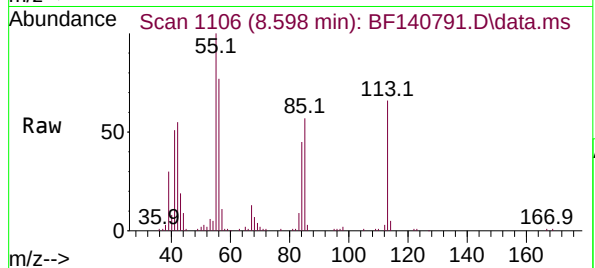
56 116.0 106.4 146.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#36

4-Chloro-3-methylphenol

Concen: 47.254 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

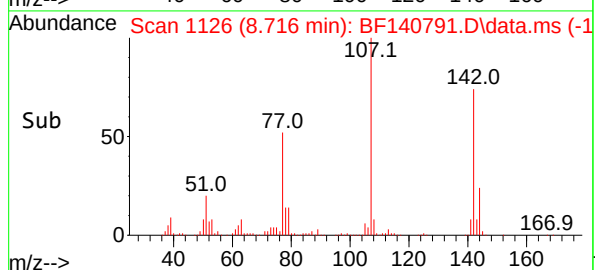
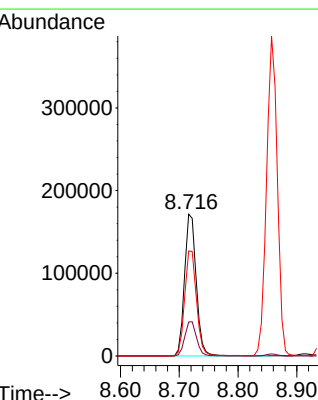
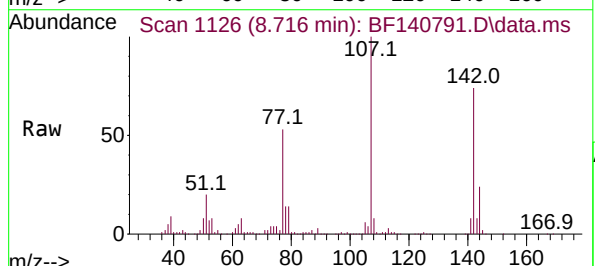
Tgt Ion:107 Resp: 237890

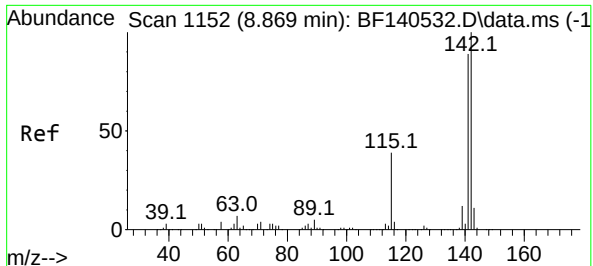
Ion Ratio Lower Upper

107 100

144 24.0 18.7 28.1

142 74.1 58.3 87.5





#37

2-Methylnaphthalene

Concen: 47.435 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:142 Resp: 49153

Ion Ratio Lower Upper

142 100

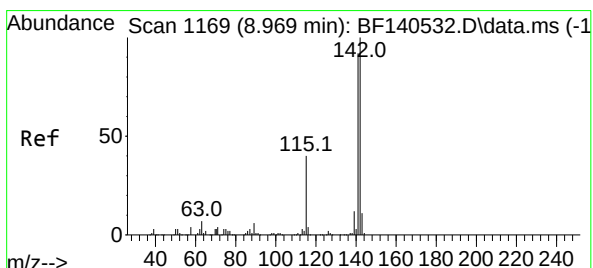
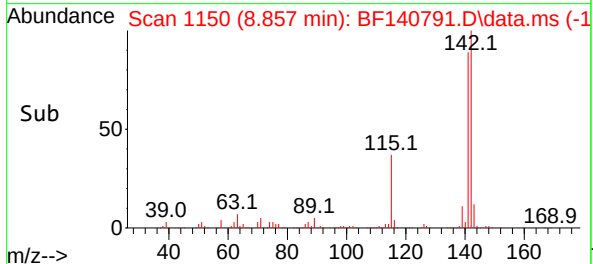
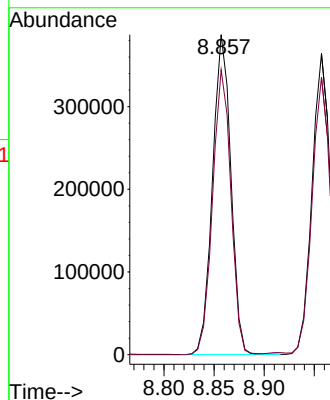
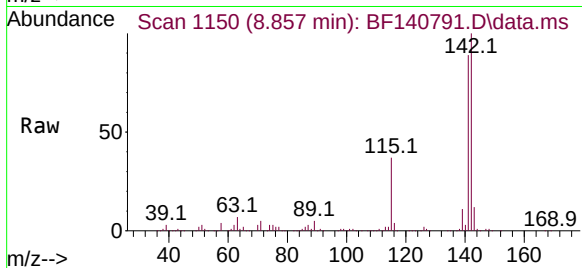
141 89.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#38

1-Methylnaphthalene

Concen: 45.311 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140791.D

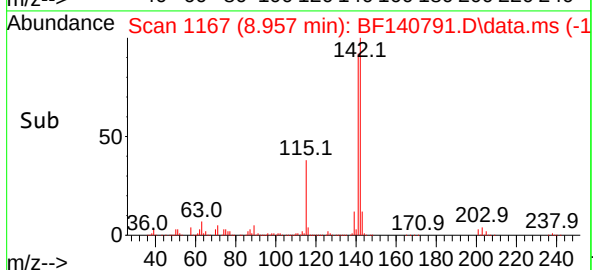
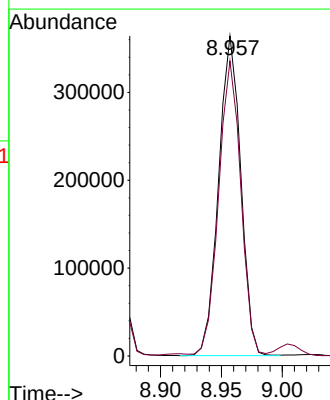
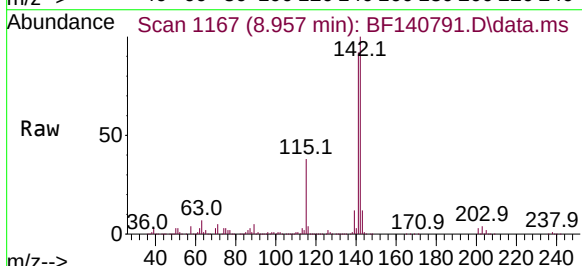
Acq: 09 Dec 2024 15:55

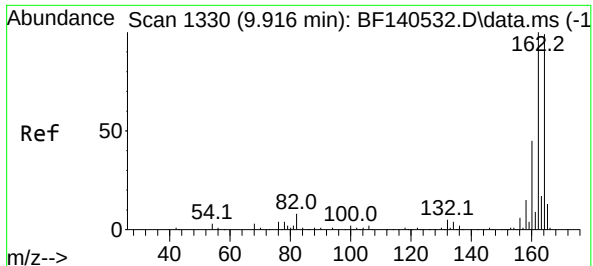
Tgt Ion:142 Resp: 460226

Ion Ratio Lower Upper

142 100

141 92.2 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140791.D

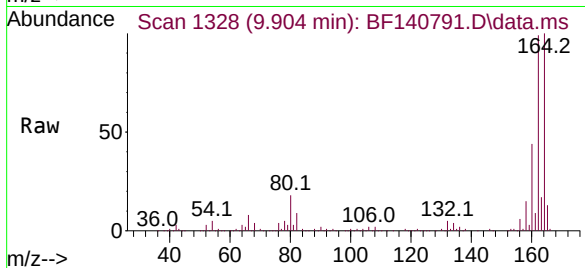
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS



Tgt Ion:164 Resp: 18614

Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

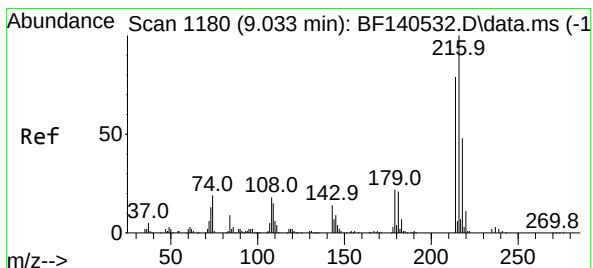
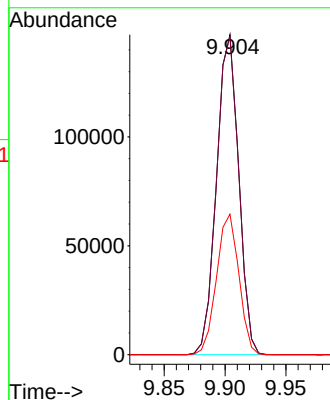
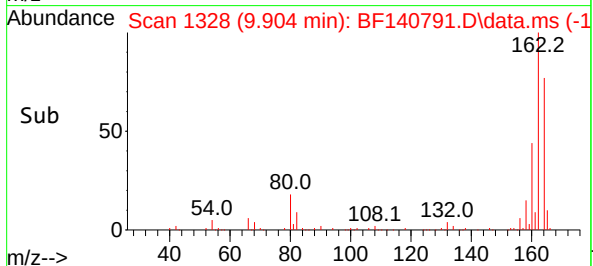
160 43.9 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#40

1,2,4,5-Tetrachlorobenzene

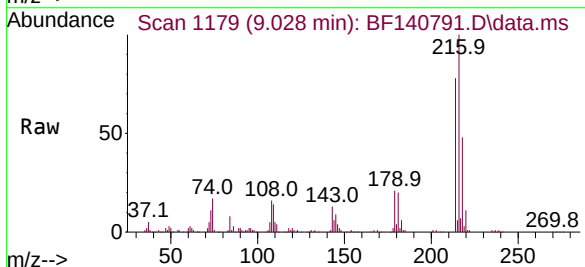
Concen: 44.042 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55



Tgt Ion:216 Resp: 240002

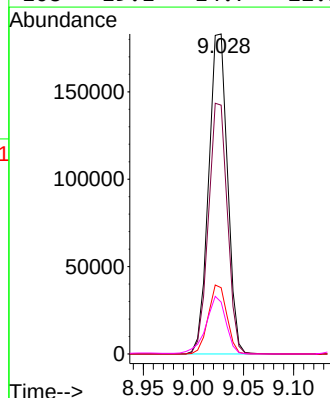
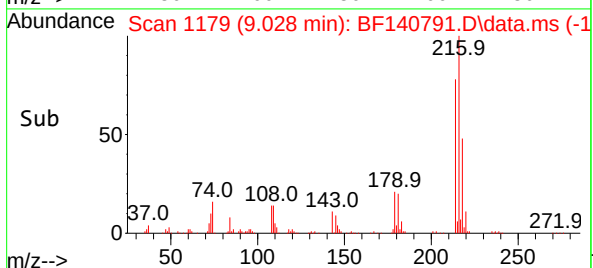
Ion Ratio Lower Upper

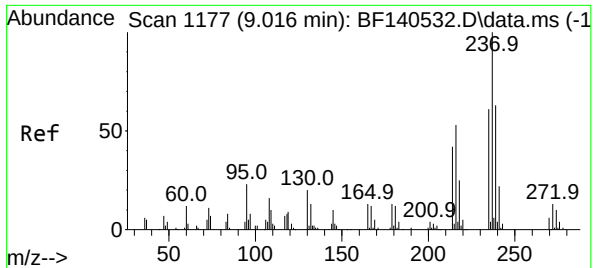
216 100

214 78.3 63.0 94.4

179 21.2 17.5 26.3

108 19.1 14.7 22.1





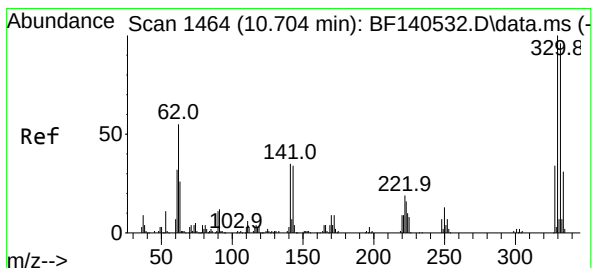
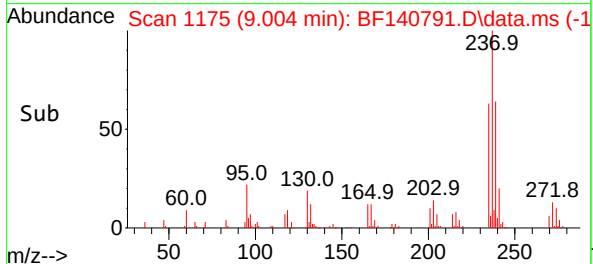
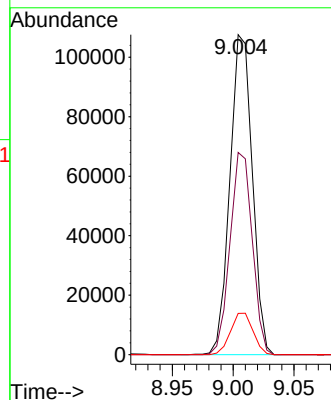
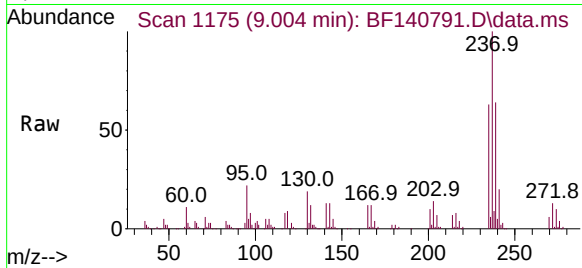
#41
Hexachlorocyclopentadiene
Concen: 109.360 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:237 Resp: 13756
Ion Ratio Lower Upper
237 100
235 63.2 41.1 81.1
272 12.9 0.0 32.6

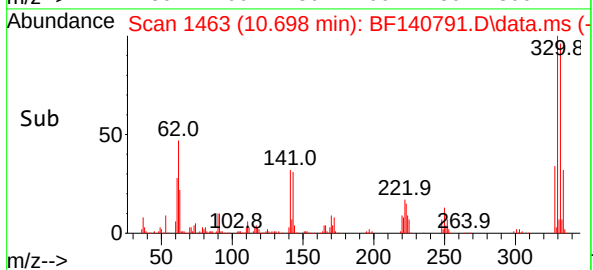
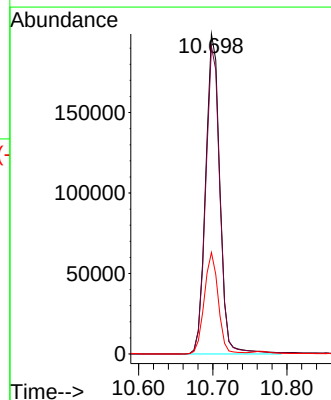
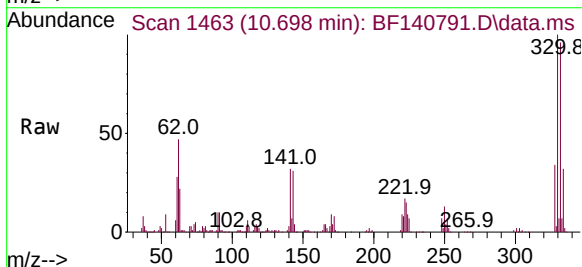
Manual Integrations
APPROVED

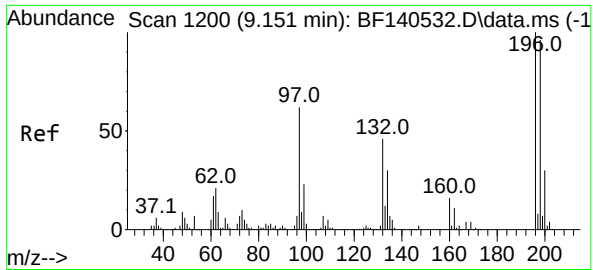
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 133.586 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:330 Resp: 265944
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 31.1 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 45.270 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:196 Resp: 154798

Ion Ratio Lower Upper

196 100

198 96.7 76.8 115.2

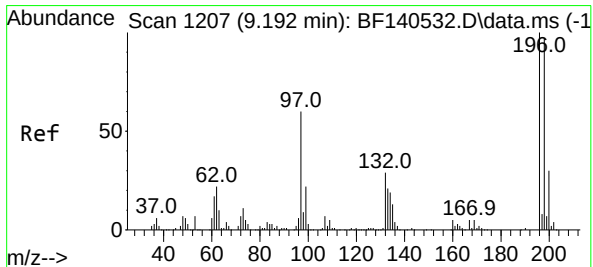
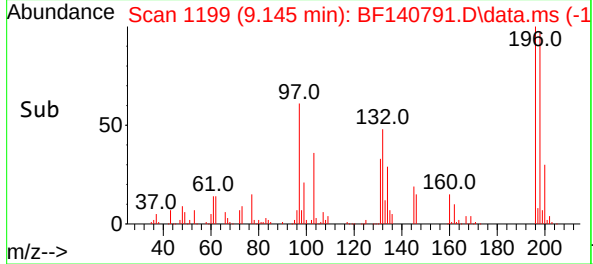
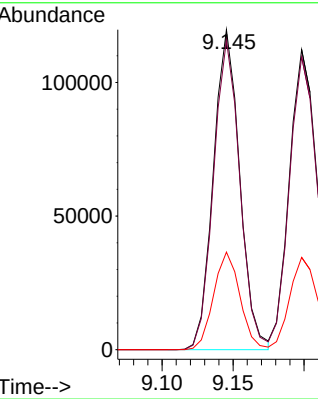
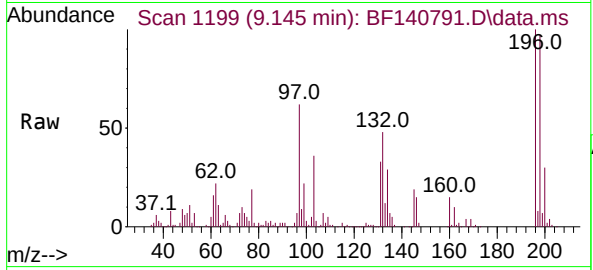
200 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 44.118 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion:196 Resp: 163723

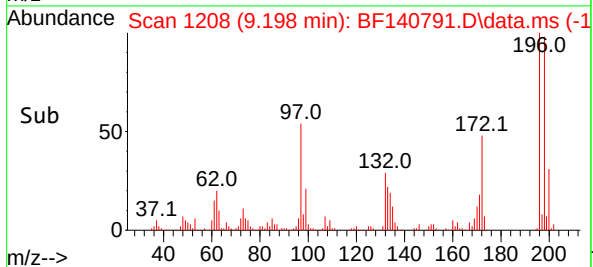
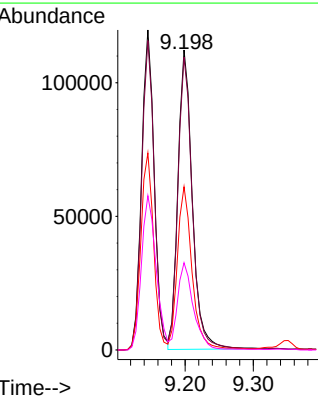
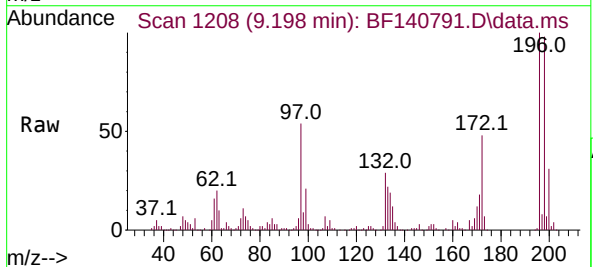
Ion Ratio Lower Upper

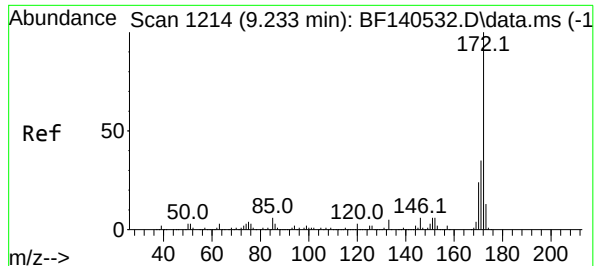
196 100

198 97.6 77.2 115.8

97 54.4 47.1 70.7

132 29.1 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 89.225 ng

RT: 9.222 min Scan# 1114709

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:172 Resp: 1114709

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

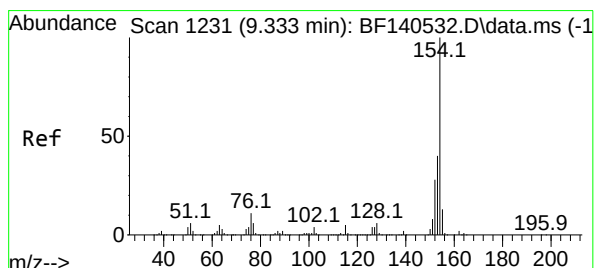
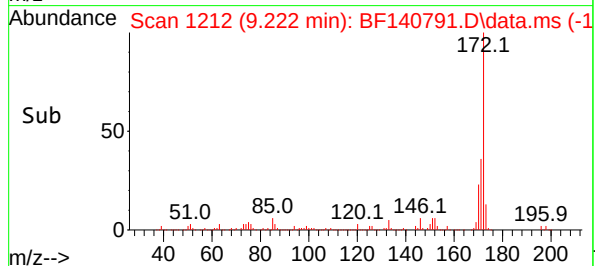
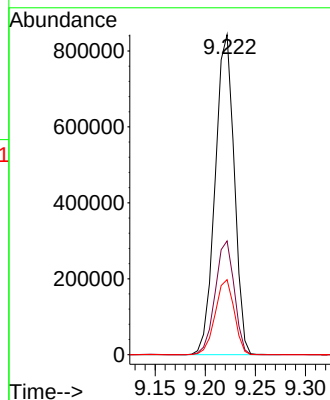
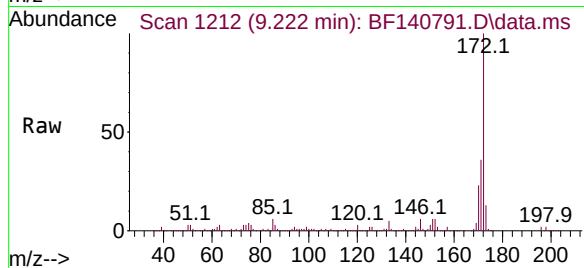
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 46.004 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

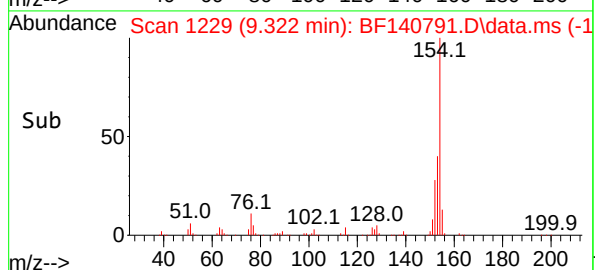
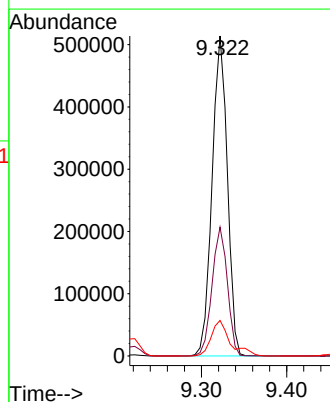
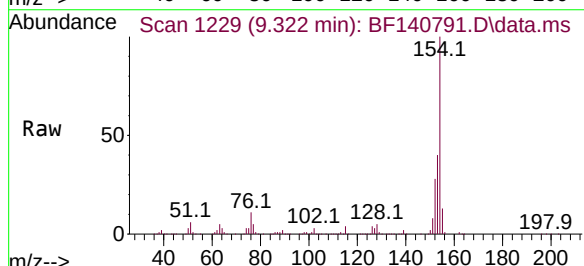
Tgt Ion:154 Resp: 639347

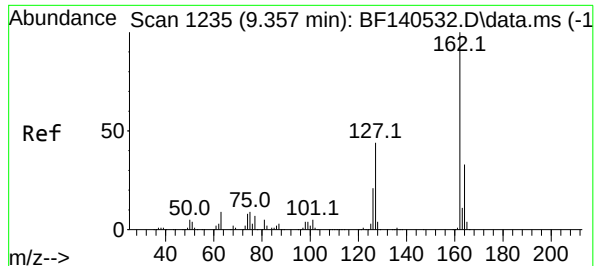
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 44.578 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:162 Resp: 46943

Ion Ratio Lower Upper

162 100

127 42.0 35.7 53.5

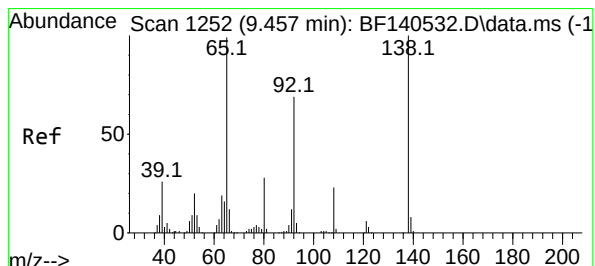
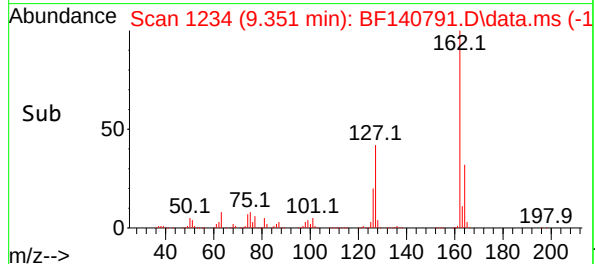
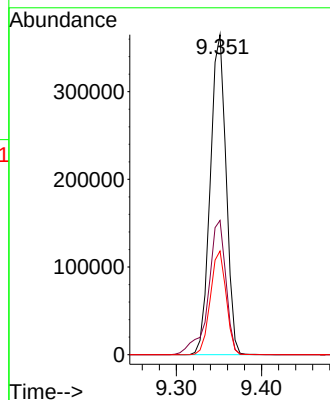
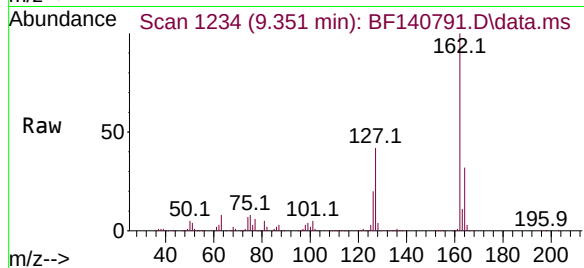
164 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 45.347 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

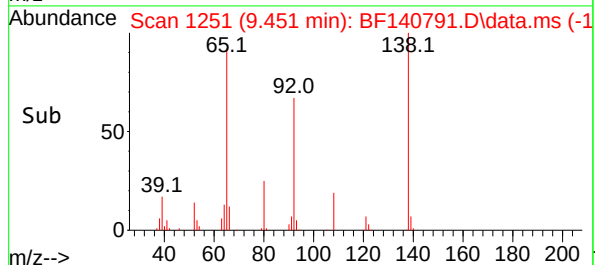
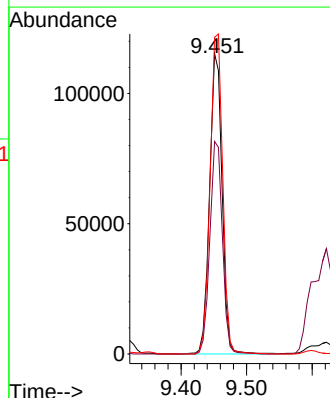
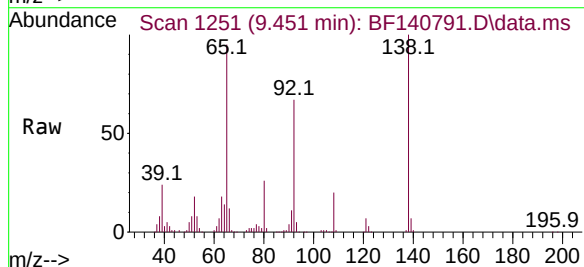
Tgt Ion: 65 Resp: 153276

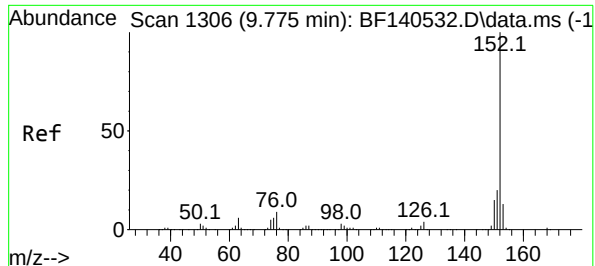
Ion Ratio Lower Upper

65 100

92 70.8 56.1 84.1

138 105.5 81.0 121.6





#49

Acenaphthylene

Concen: 48.438 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:152 Resp: 77069

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

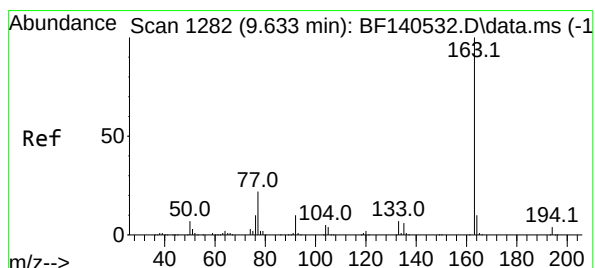
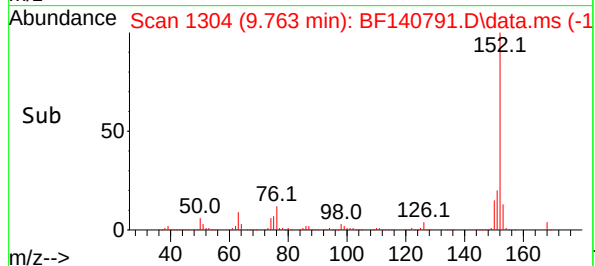
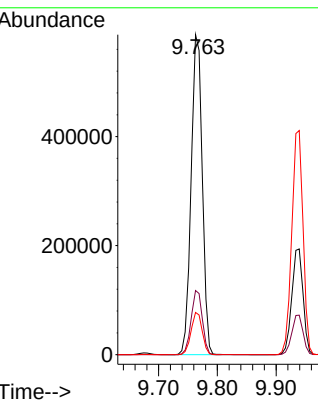
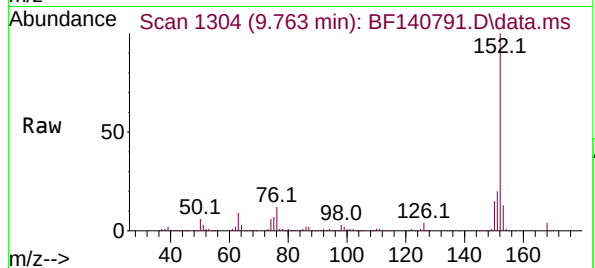
153 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#50

Dimethylphthalate

Concen: 47.308 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

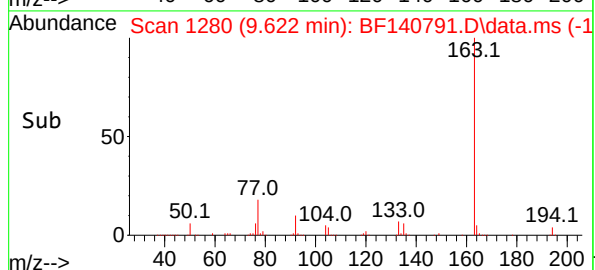
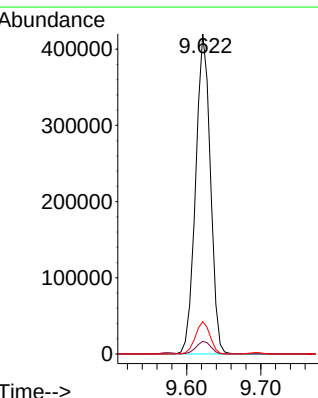
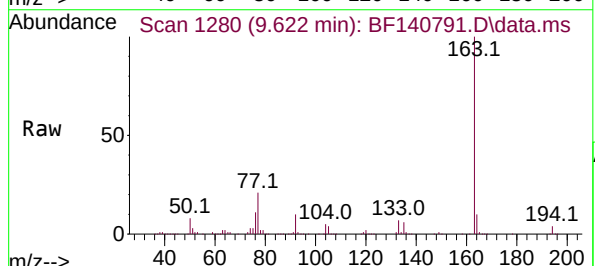
Tgt Ion:163 Resp: 579964

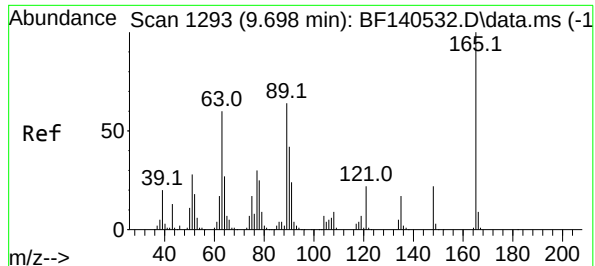
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 44.579 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:165 Resp: 123940

Ion Ratio Lower Upper

165 100

63 61.1 49.9 74.9

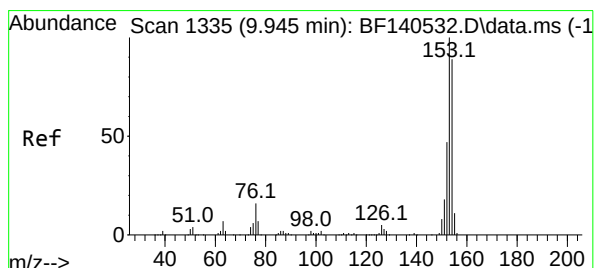
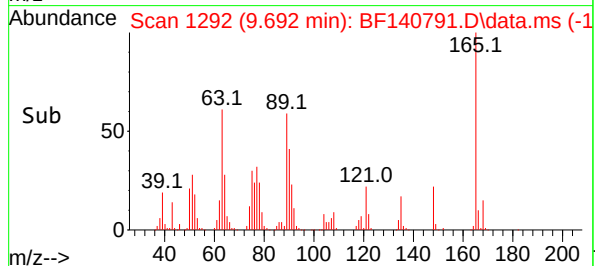
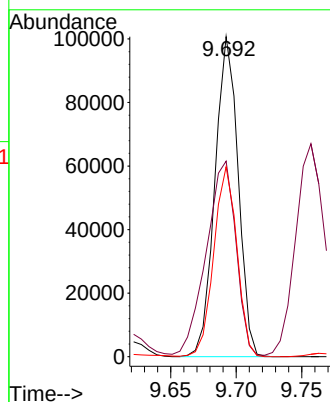
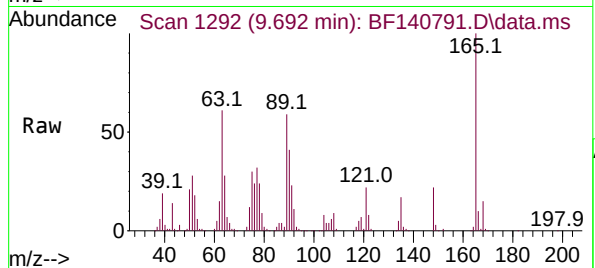
89 59.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#52

Acenaphthene

Concen: 47.980 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

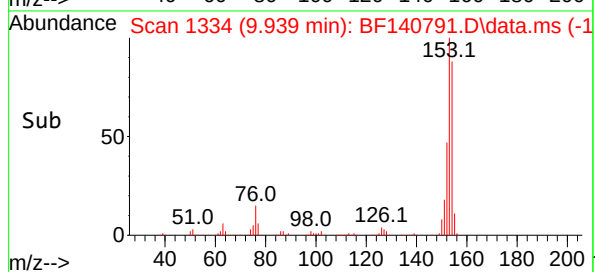
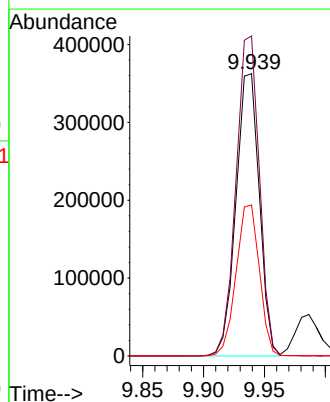
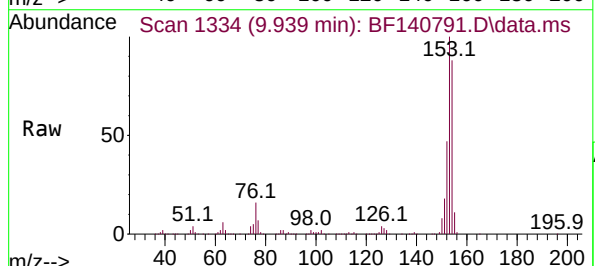
Tgt Ion:154 Resp: 485059

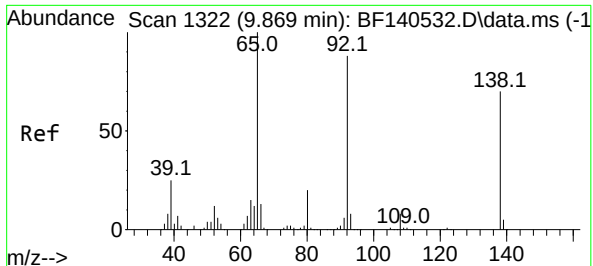
Ion Ratio Lower Upper

154 100

153 113.4 89.7 134.5

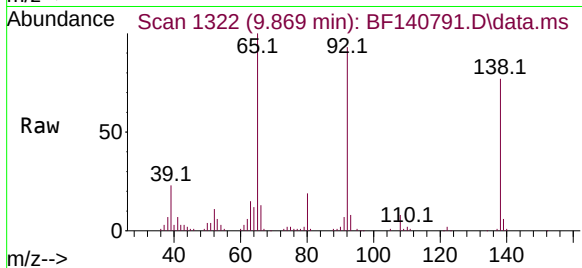
152 53.5 42.5 63.7





#53
3-Nitroaniline
Concen: 14.648 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

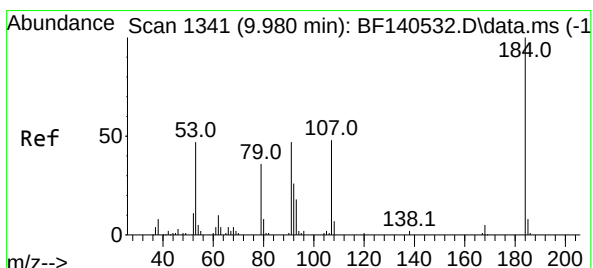
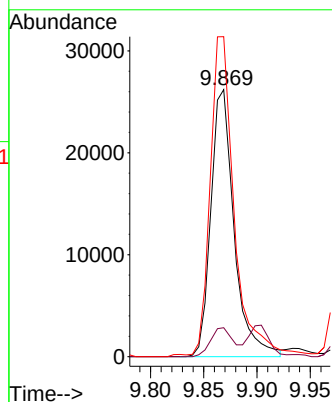
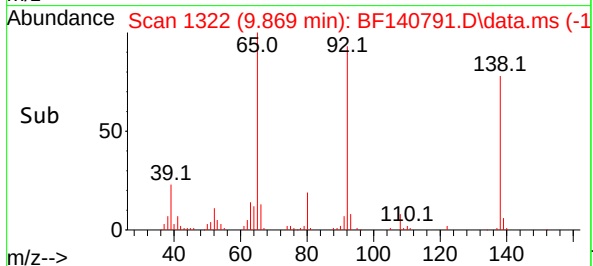
Instrument :
BNA_F
ClientSampleId :
MH-764MS



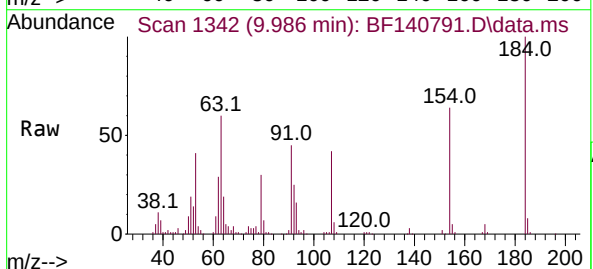
Tgt Ion:138 Resp: 3983
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 119.9 100.6 150.8

Manual Integrations
APPROVED

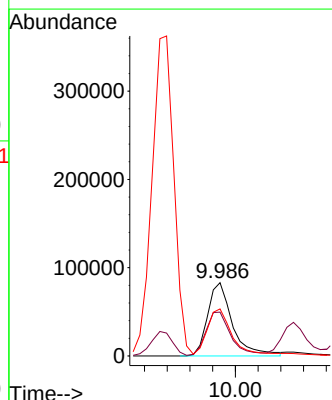
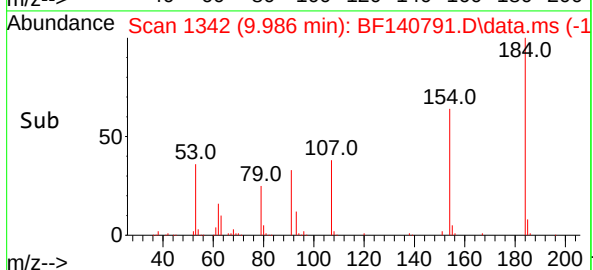
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

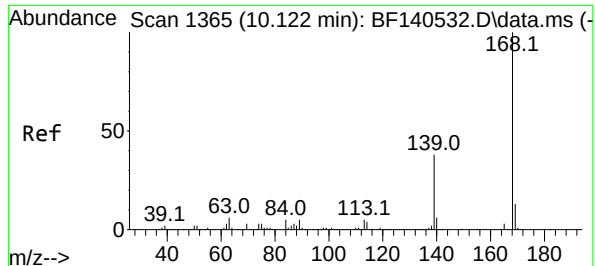


#54
2,4-Dinitrophenol
Concen: 86.785 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:184 Resp: 126025
Ion Ratio Lower Upper
184 100
63 59.7 54.1 81.1
154 64.1 57.4 86.0





#55

Dibenzenofuran

Concen: 46.443 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:168 Resp: 716174

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

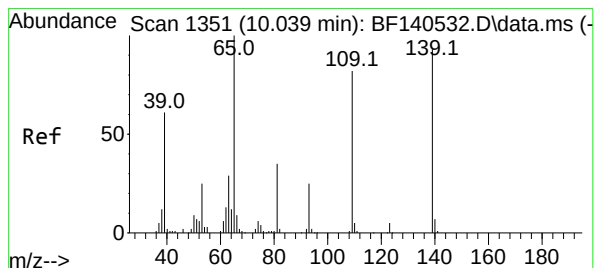
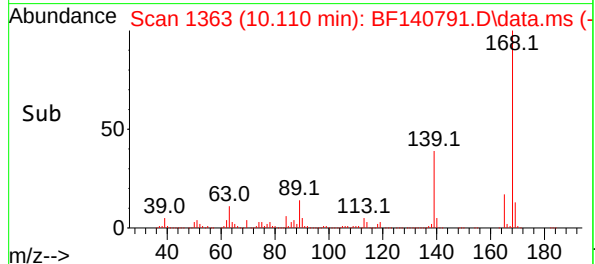
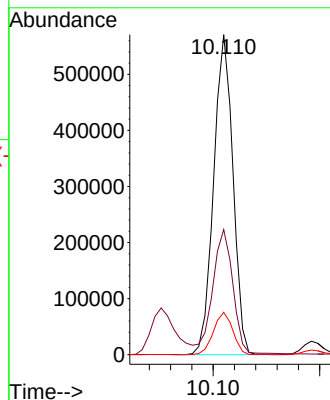
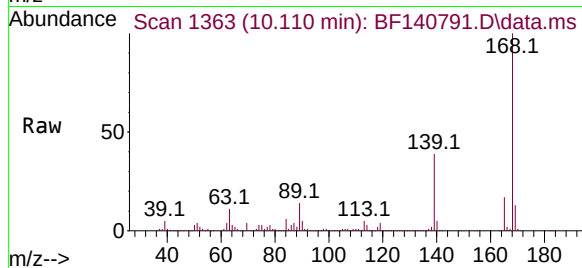
169 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#56

4-Nitrophenol

Concen: 71.746 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

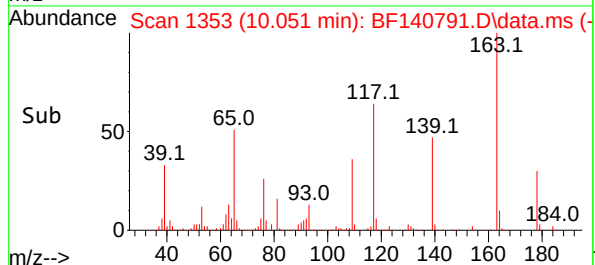
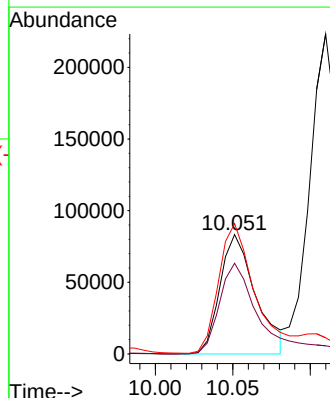
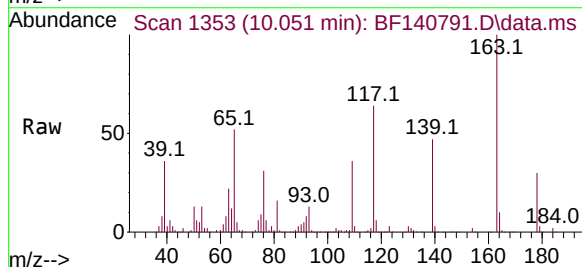
Tgt Ion:139 Resp: 133056

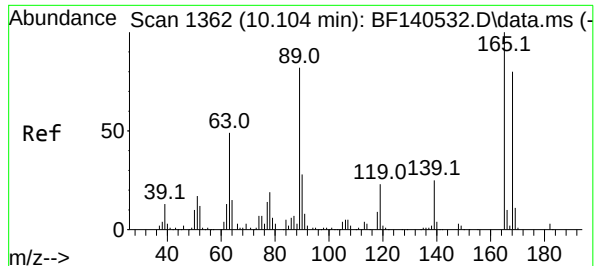
Ion Ratio Lower Upper

139 100

109 75.9 68.4 108.4

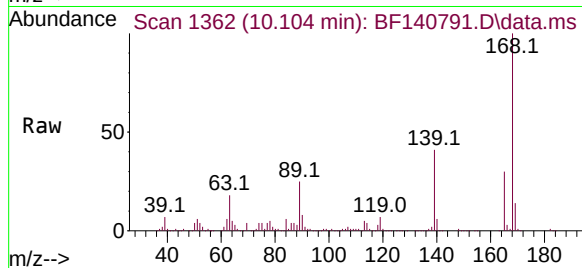
65 109.2 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 45.707 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

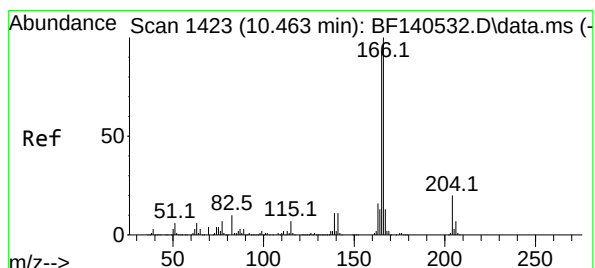
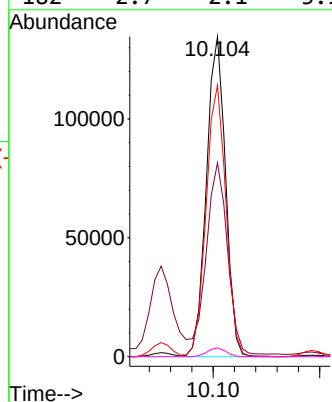
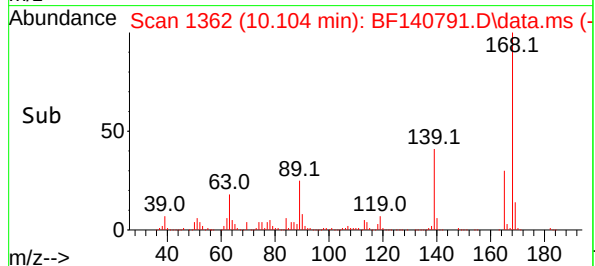
Instrument :
BNA_F
ClientSampleId :
MH-764MS



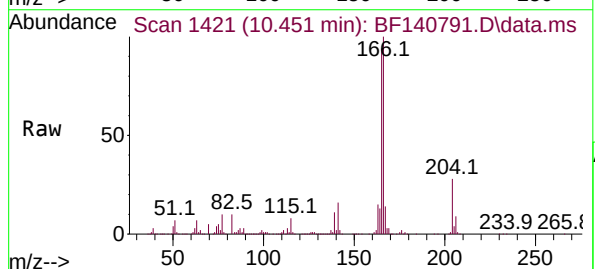
Tgt Ion:165 Resp: 168894
Ion Ratio Lower Upper
165 100
63 60.6 41.7 62.5
89 84.8 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations
APPROVED

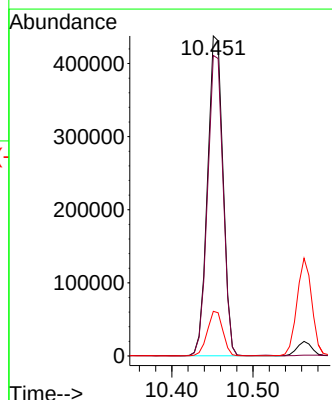
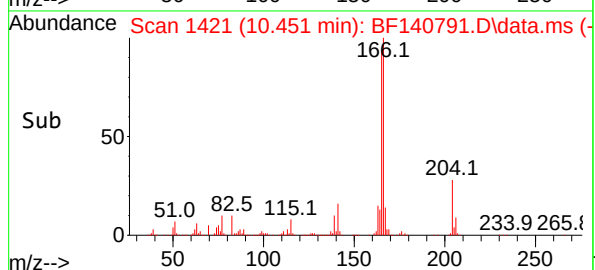
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

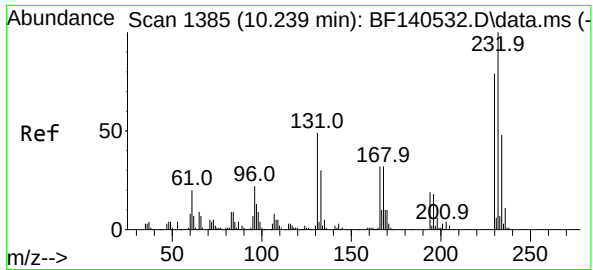


#58
Fluorene
Concen: 46.684 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



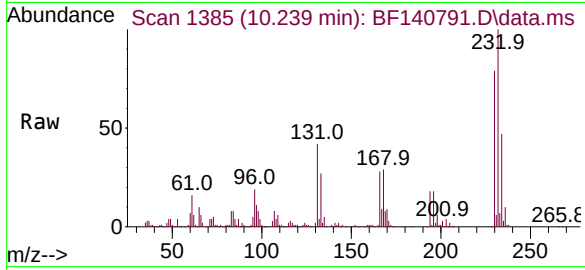
Tgt Ion:166 Resp: 577835
Ion Ratio Lower Upper
166 100
165 93.9 74.6 111.8
167 13.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.956 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

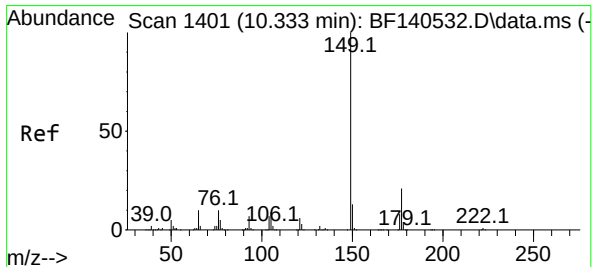
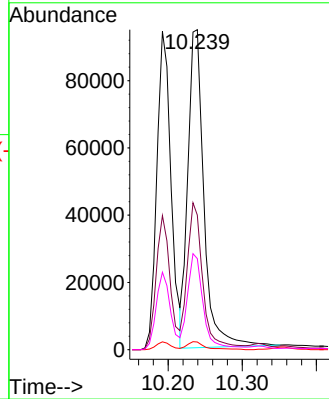
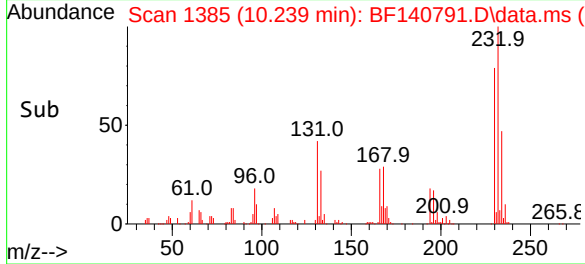
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:232 Resp: 142478
Ion Ratio Lower Upper
232 100
131 41.8 39.6 59.4
130 2.8 1.9 2.9
166 27.3 25.3 37.9

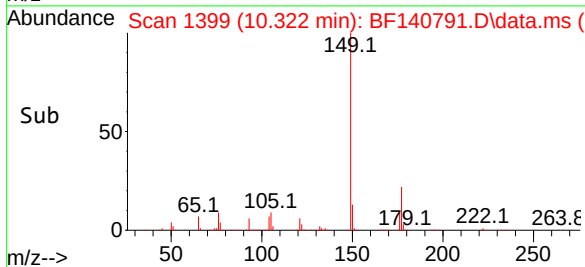
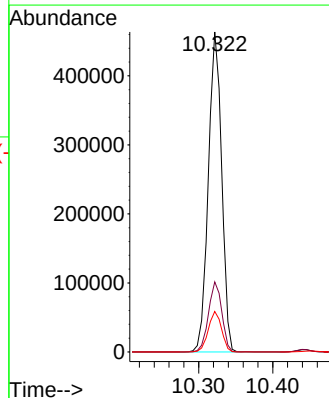
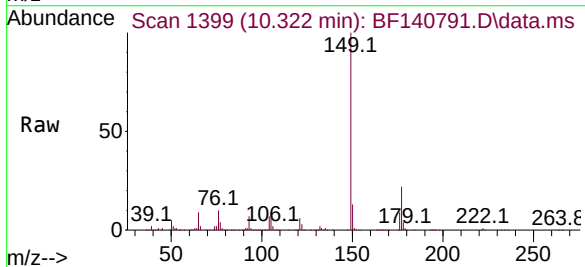
Manual Integrations
APPROVED

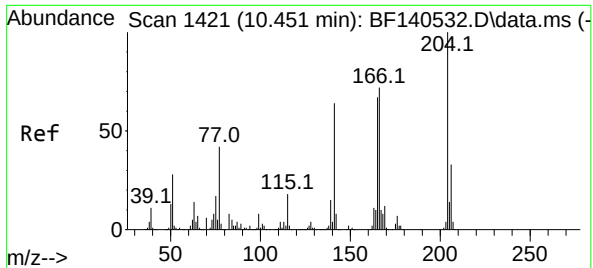
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 46.511 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

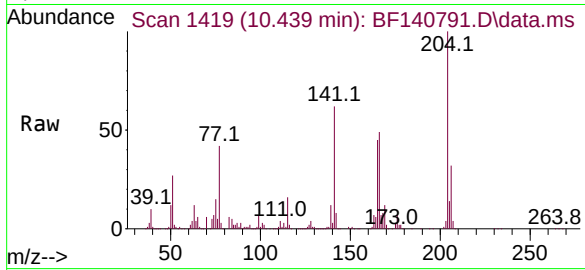
Tgt Ion:149 Resp: 579329
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.693 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

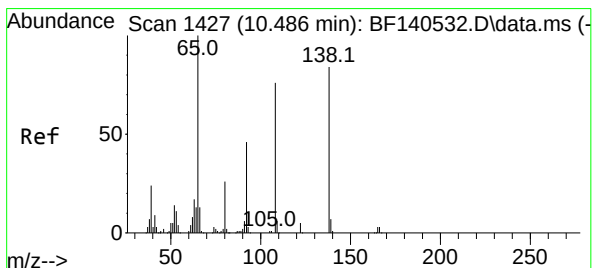
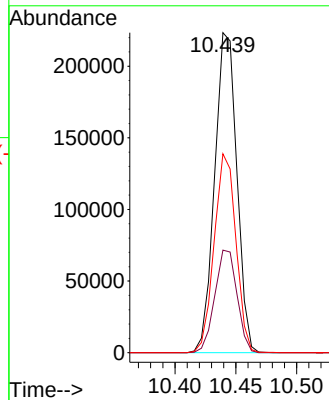
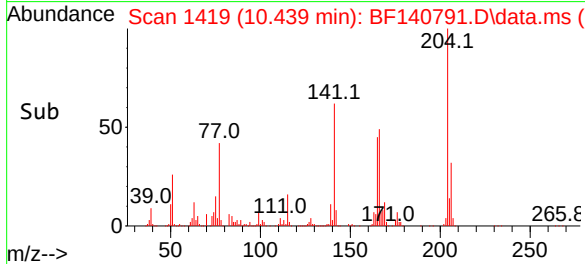
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:204 Resp: 283629
Ion Ratio Lower Upper
204 100
206 32.0 26.6 40.0
141 62.1 51.1 76.7

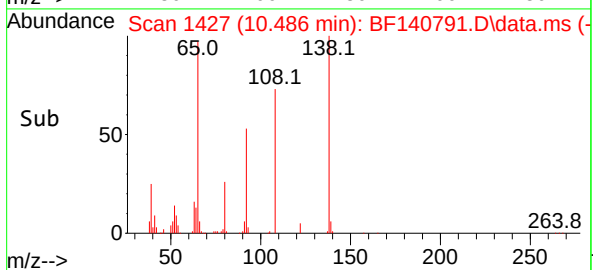
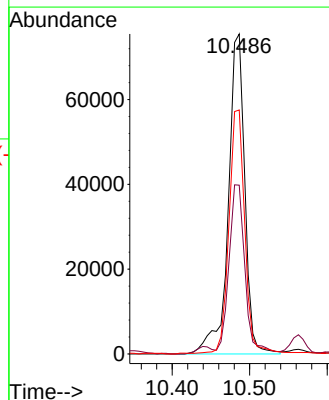
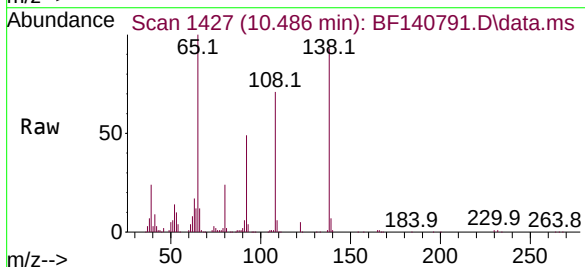
Manual Integrations
APPROVED

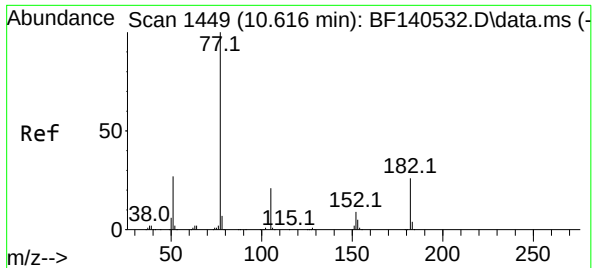
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 39.258 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

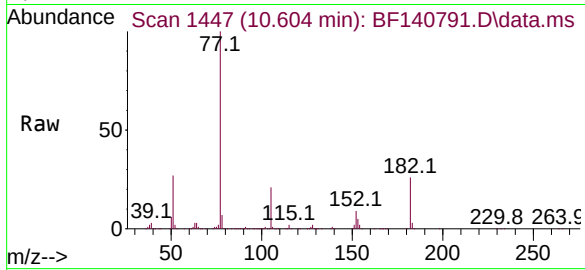
Tgt Ion:138 Resp: 111966
Ion Ratio Lower Upper
138 100
92 52.8 34.5 74.5
108 76.3 70.6 110.6





#63
Azobenzene
Concen: 45.787 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

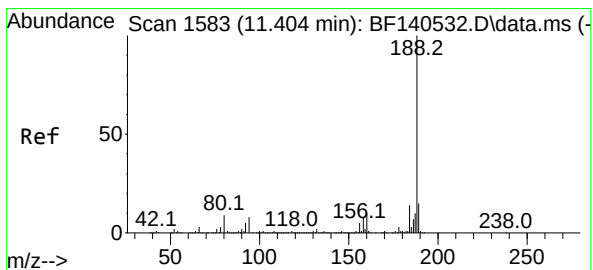
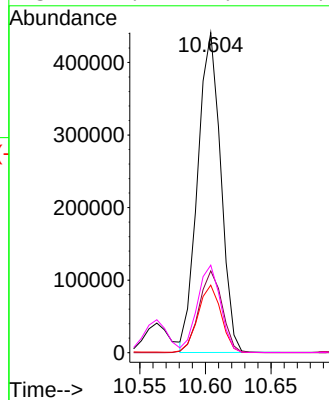
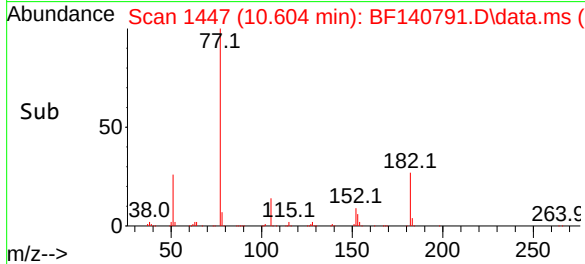
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion: 77 Resp: 540070
Ion Ratio Lower Upper
77 100
182 25.6 5.3 45.3
105 21.1 0.3 40.3
51 27.4 9.4 49.4

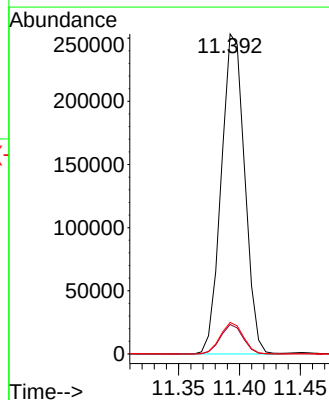
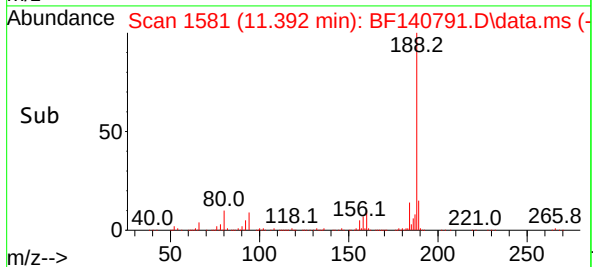
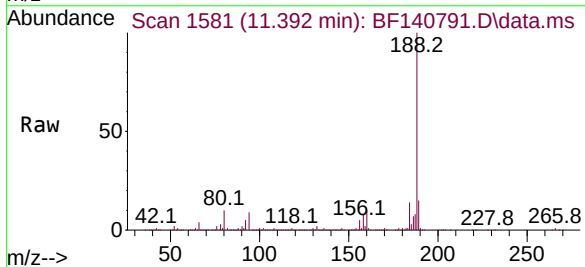
Manual Integrations
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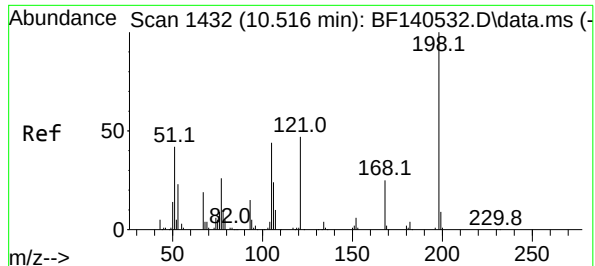
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:188 Resp: 339098
Ion Ratio Lower Upper
188 100
94 9.2 6.4 9.6
80 9.9 6.9 10.3





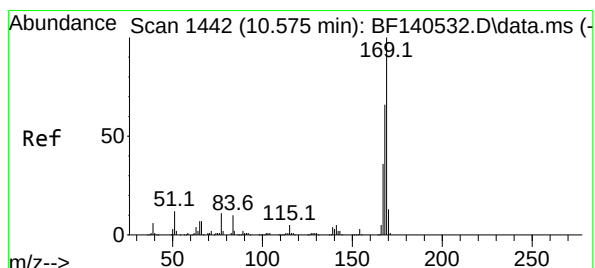
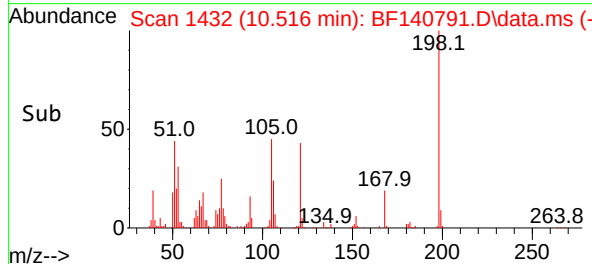
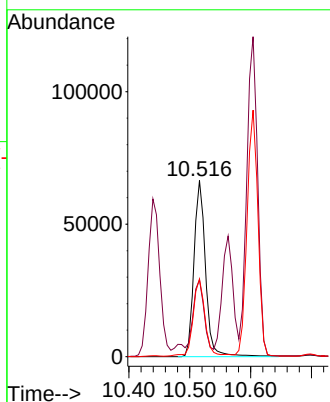
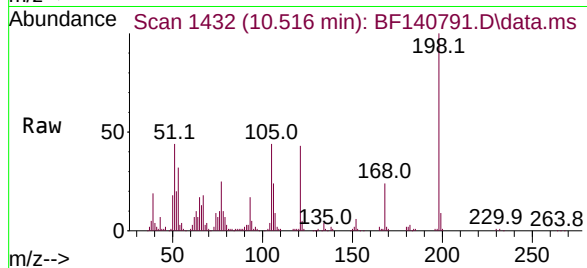
#65
4,6-Dinitro-2-methylphenol
Concen: 50.854 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:198 Resp: 8812
Ion Ratio Lower Upper
198 100
51 43.6 29.4 69.4
105 44.1 25.4 65.4

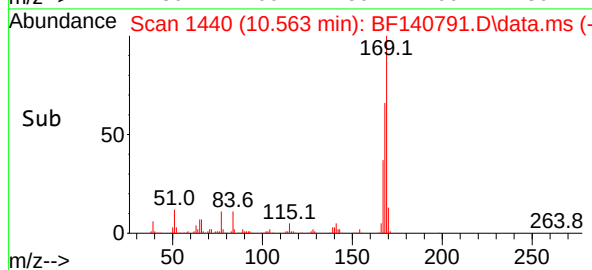
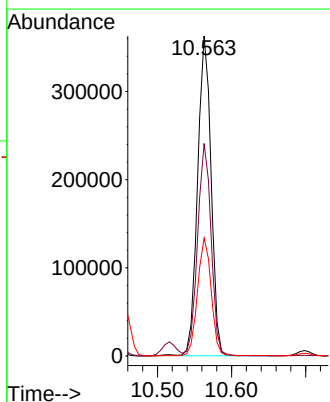
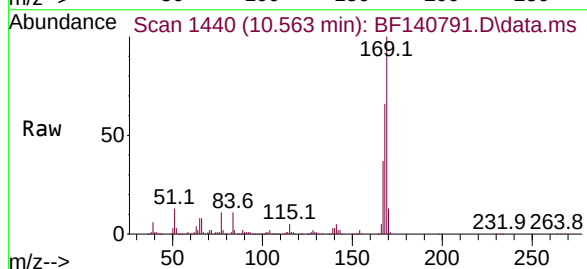
Manual Integrations
APPROVED

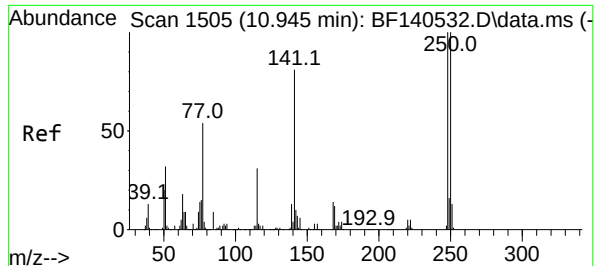
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 45.526 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

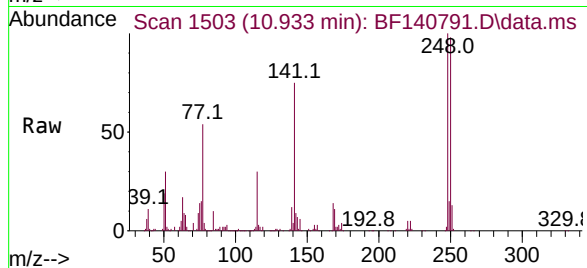
Tgt Ion:169 Resp: 456538
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.310 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

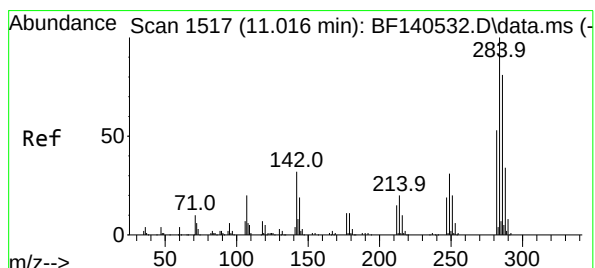
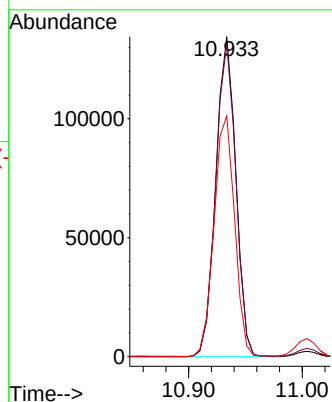
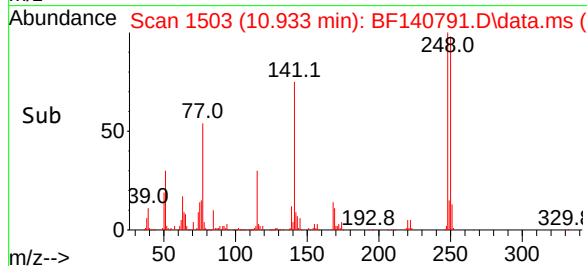
Instrument :
BNA_F
ClientSampleId :
MH-764MS



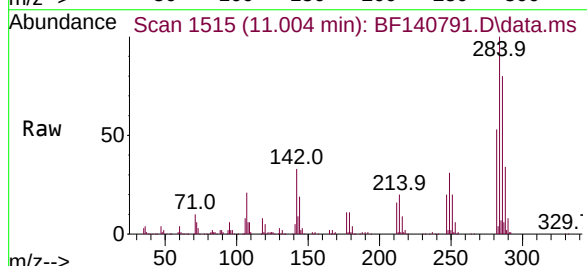
Tgt Ion:248 Resp: 165214
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 75.3 64.7 97.1

Manual Integrations
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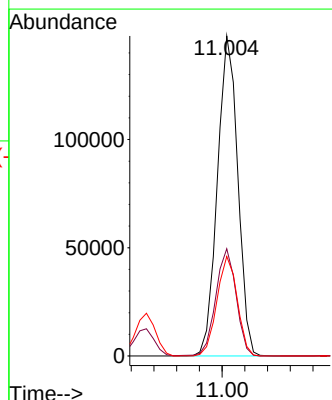
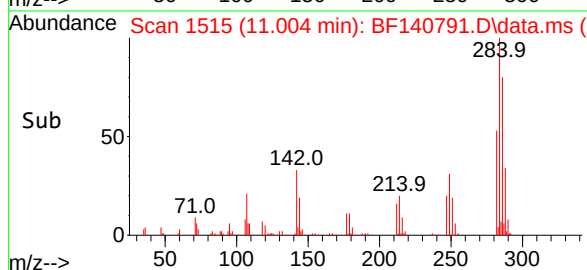
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

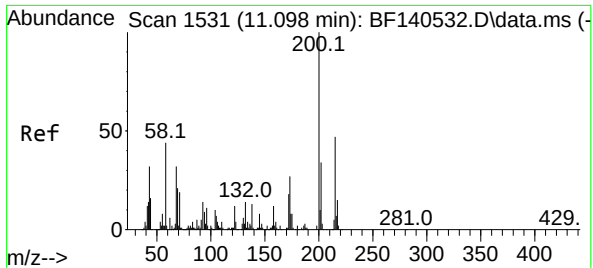


#68
Hexachlorobenzene
Concen: 45.568 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:284 Resp: 184261
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 35.506 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:200 Resp: 100168

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

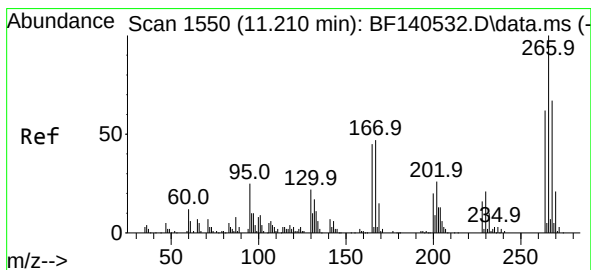
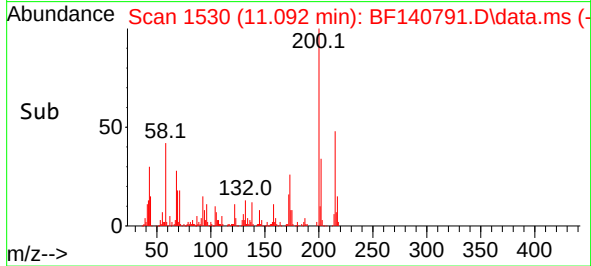
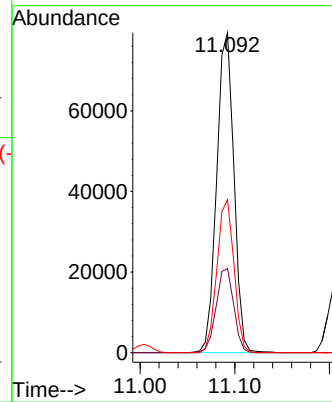
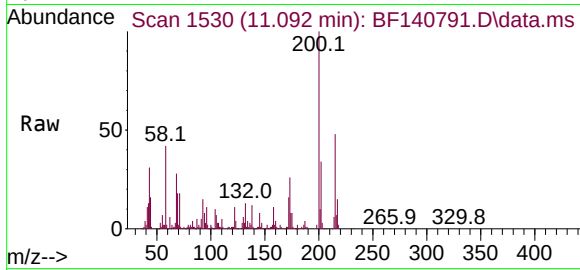
215 47.8 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 87.924 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

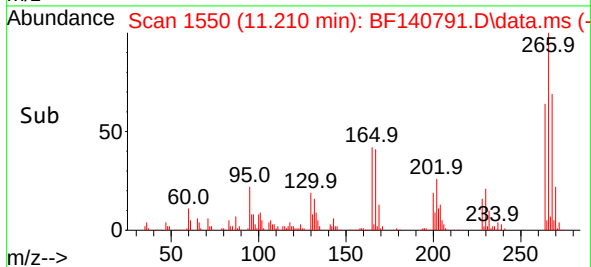
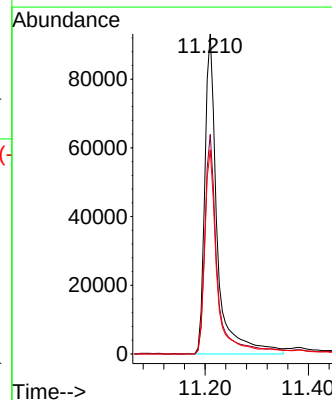
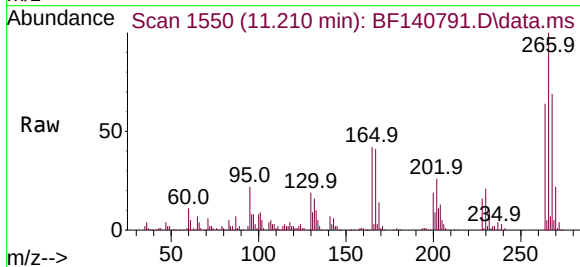
Tgt Ion:266 Resp: 156477

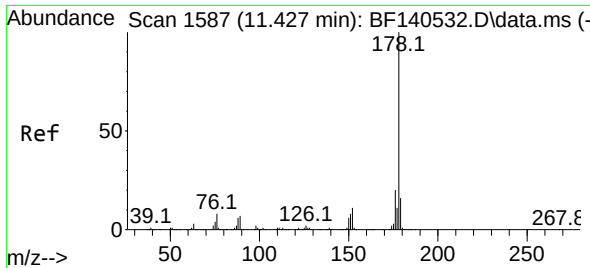
Ion Ratio Lower Upper

266 100

268 68.6 53.7 80.5

264 63.8 49.8 74.8





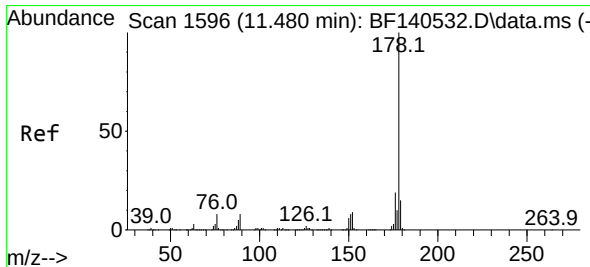
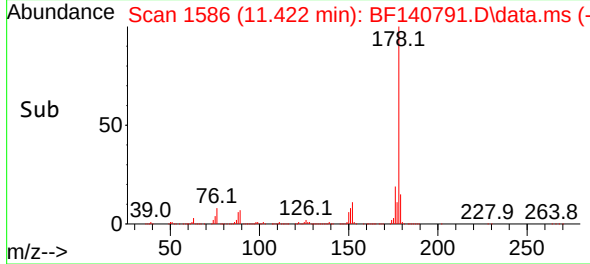
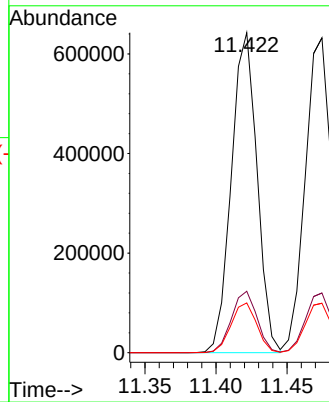
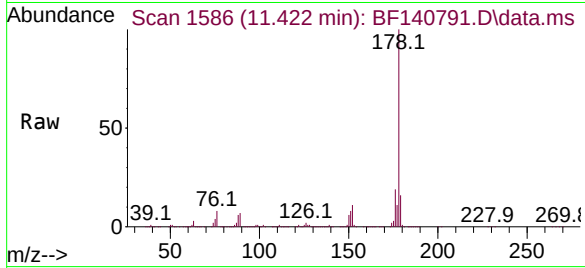
#71
Phenanthrene
Concen: 49.603 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:178 Resp: 808533
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.5 12.4 18.6

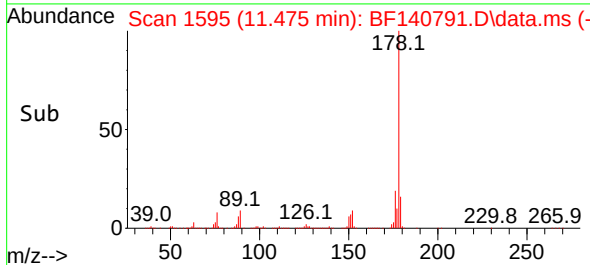
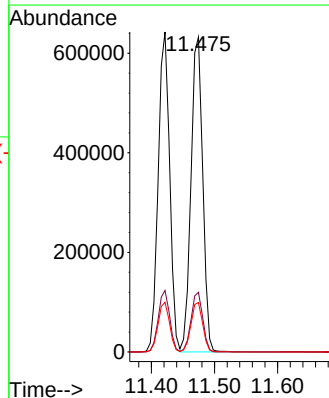
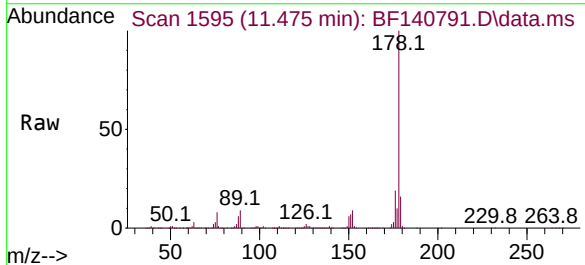
Manual Integrations
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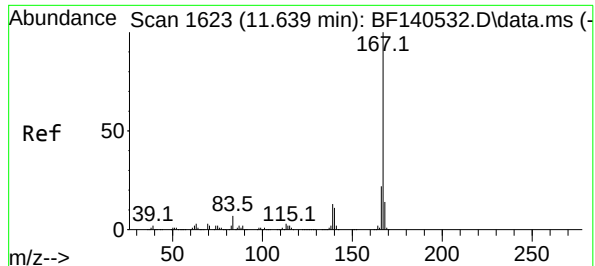
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#72
Anthracene
Concen: 51.364 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:178 Resp: 818981
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.7 12.2 18.4





#73

Carbazole

Concen: 42.559 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:167 Resp: 65281

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

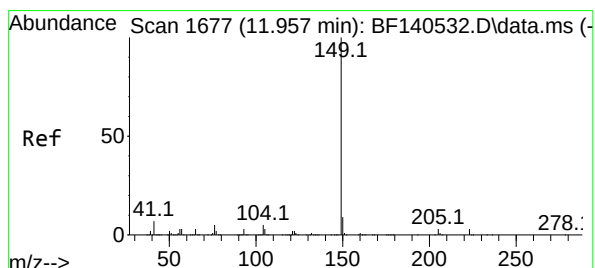
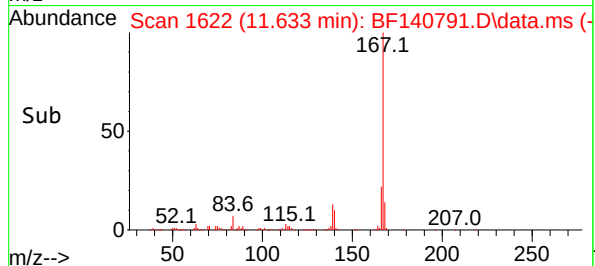
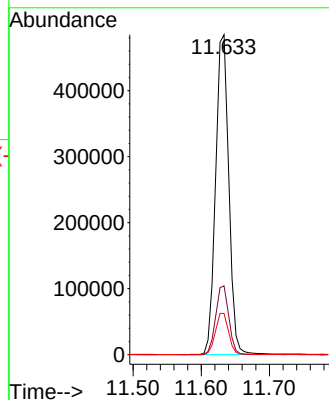
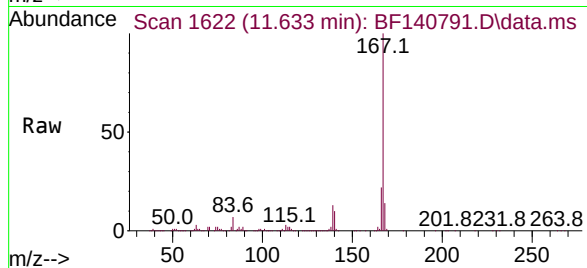
139 12.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#74

Di-n-butylphthalate

Concen: 48.031 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

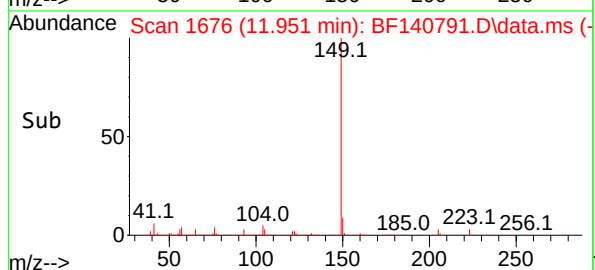
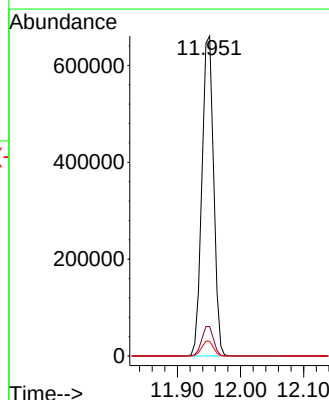
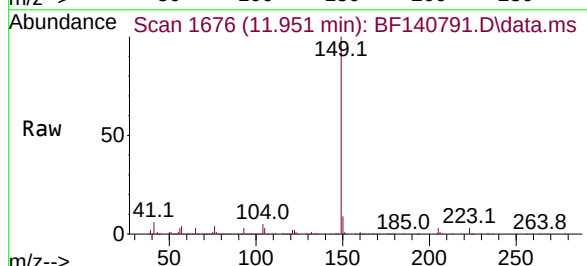
Tgt Ion:149 Resp: 850560

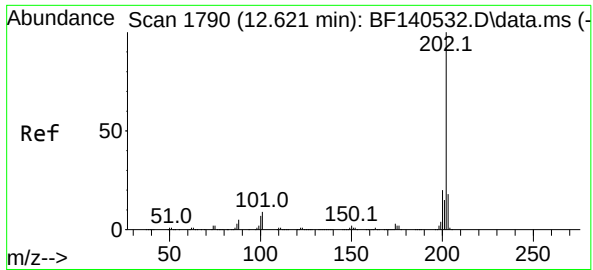
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

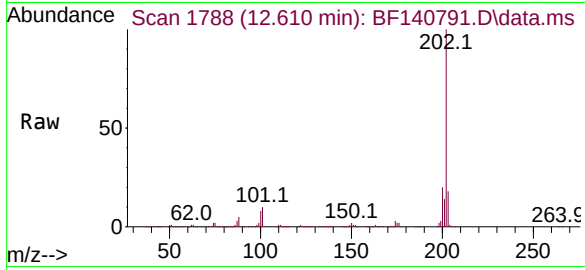
104 4.6 4.1 6.1





#75
Fluoranthene
Concen: 44.229 ng
RT: 12.610 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

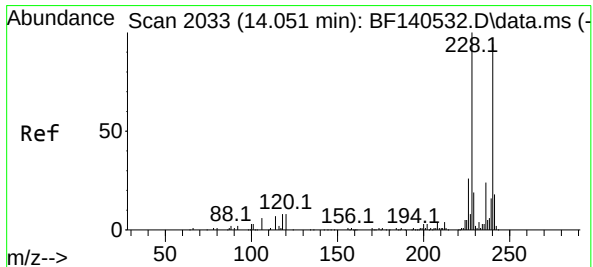
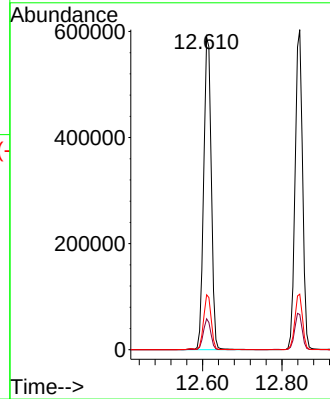
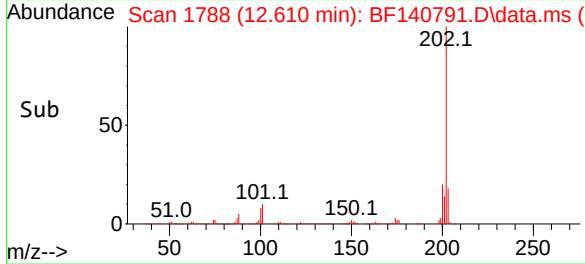
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:202 Resp: 782758
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.9
203 17.6 0.0 37.6

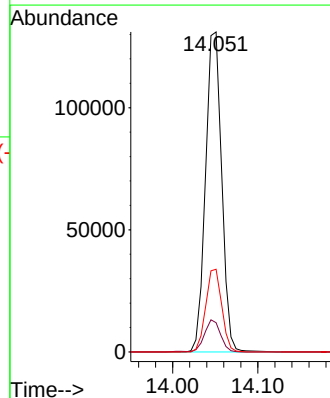
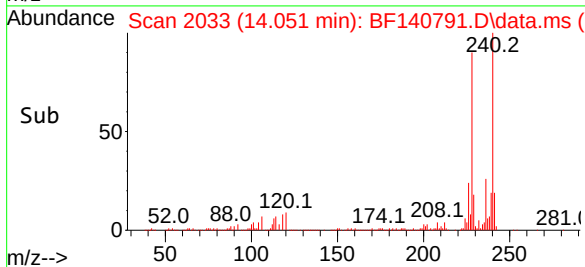
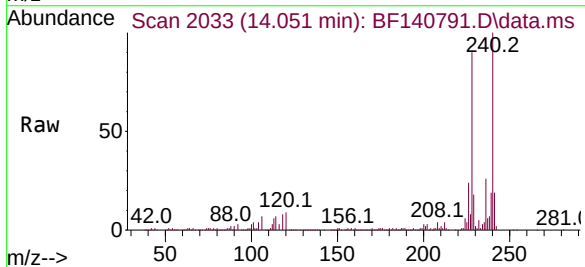
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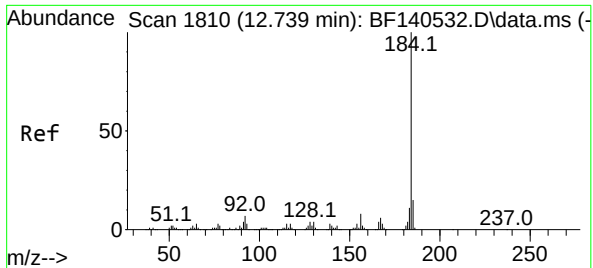
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:240 Resp: 172761
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.9 20.6 31.0





#77

Benzidine

Concen: 1.953 ng m

RT: 12.751 min Scan# 1812

Delta R.T. 0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:184 Resp: 980

Ion Ratio Lower Upper

184 100

185 29.0 11.7 17.5

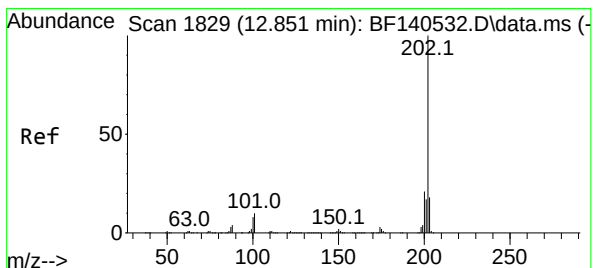
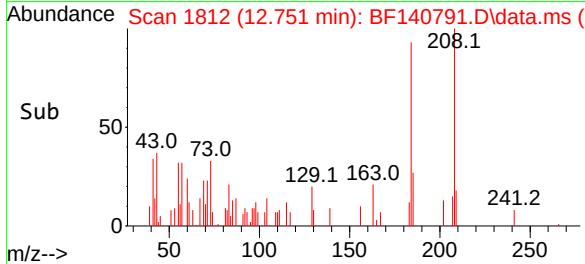
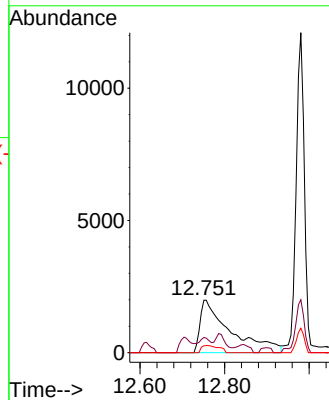
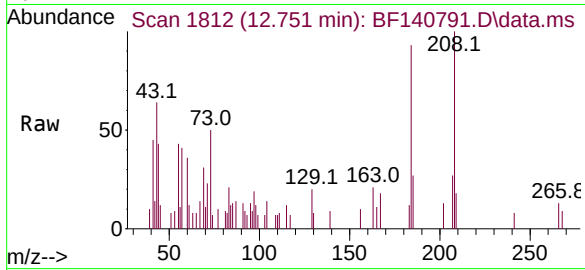
183 13.2 8.8 13.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#78

Pyrene

Concen: 49.299 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

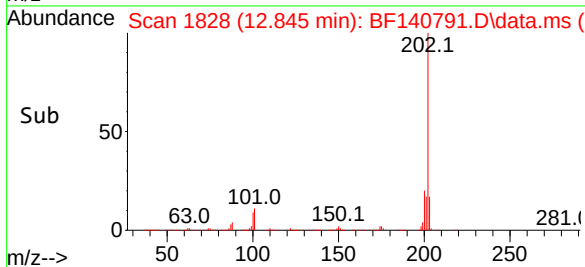
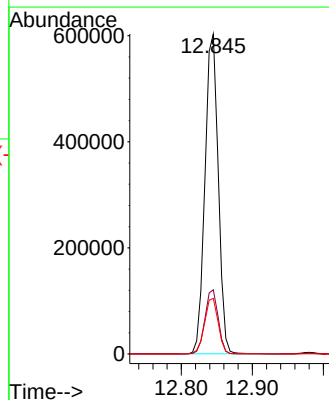
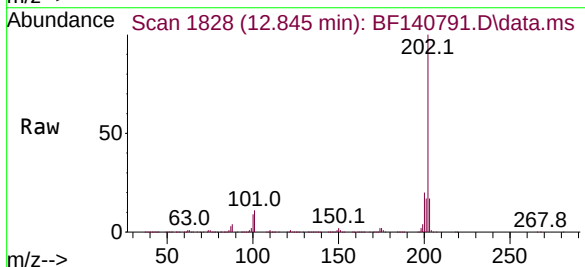
Tgt Ion:202 Resp: 787494

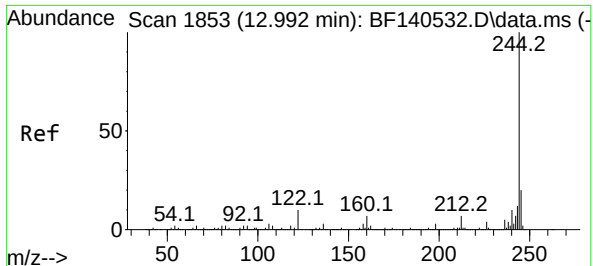
Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 100.201 ng

RT: 12.980 min Scan# 111171

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:244 Resp: 111171

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

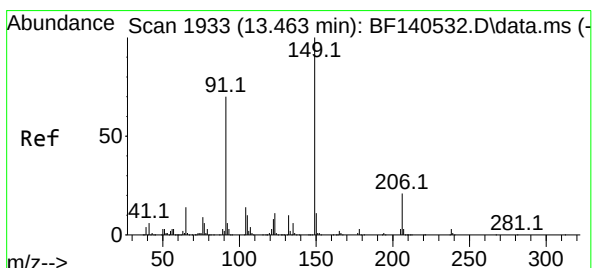
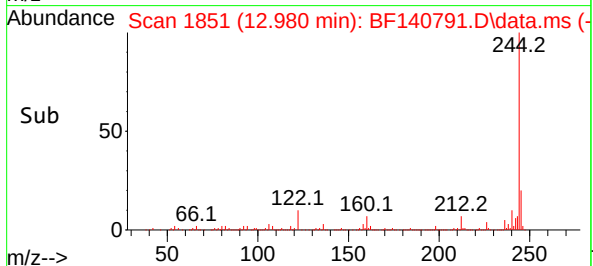
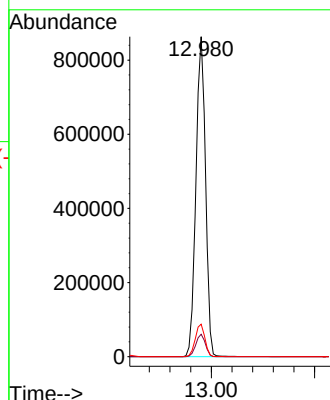
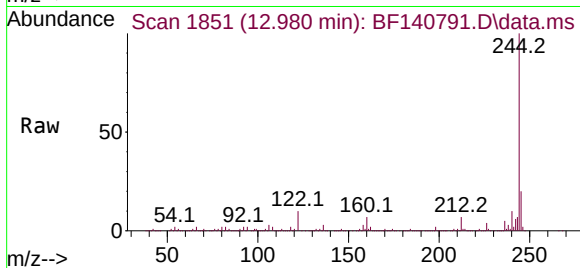
122 10.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 52.302 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

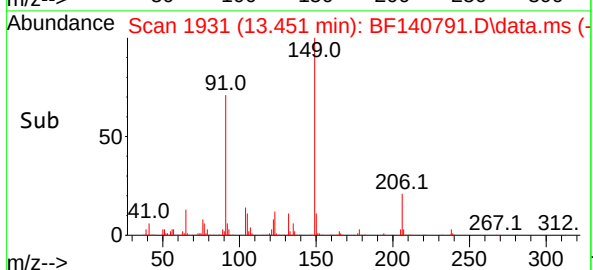
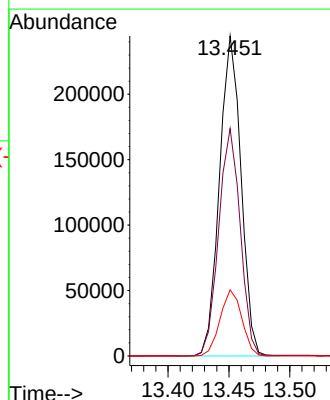
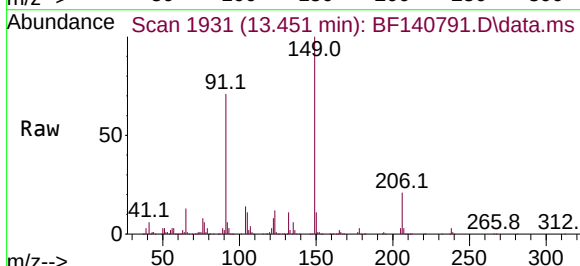
Tgt Ion:149 Resp: 300969

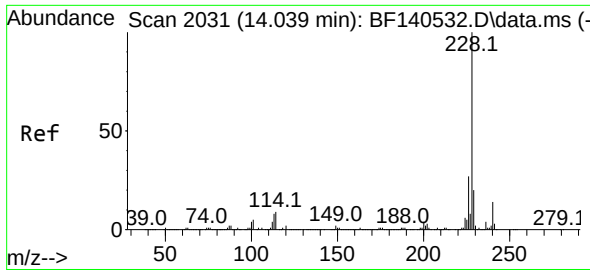
Ion Ratio Lower Upper

149 100

91 71.0 56.2 84.2

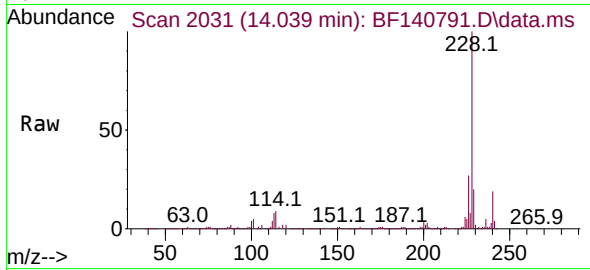
206 20.6 16.4 24.6





#81
Benzo(a)anthracene
Concen: 48.569 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

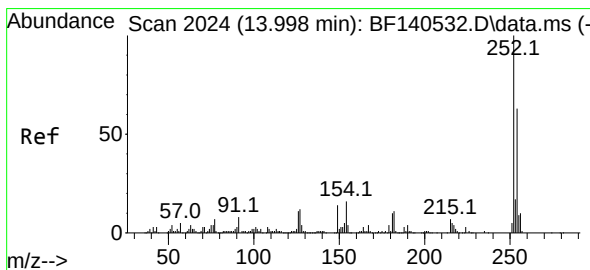
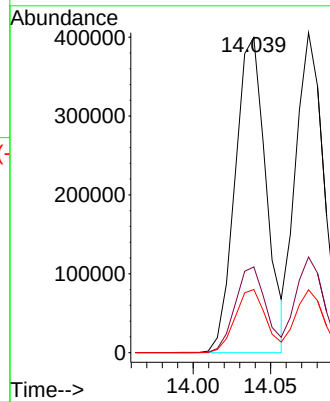
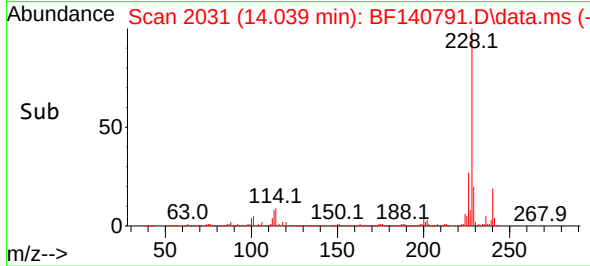
Instrument :
BNA_F
ClientSampleId :
MH-764MS



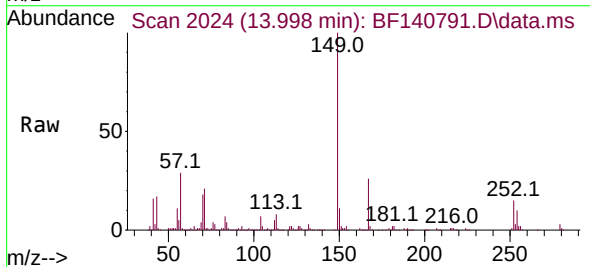
Tgt Ion:228 Resp: 555449
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.1 15.8 23.6

Manual Integrations
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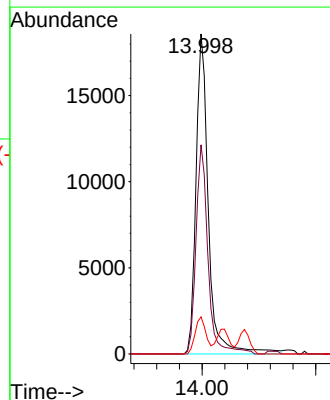
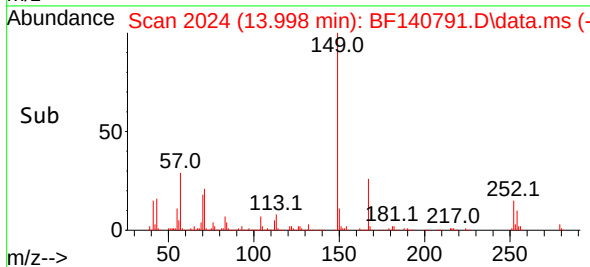
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

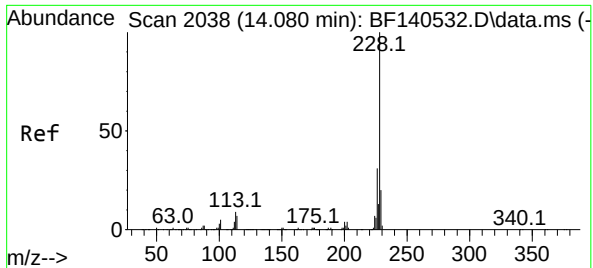


#82
3,3'-Dichlorobenzidine
Concen: 8.234 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:252 Resp: 28273
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 11.6 8.6 13.0





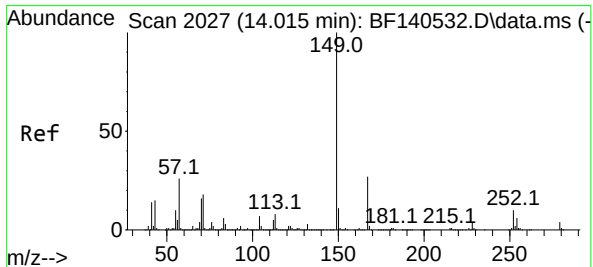
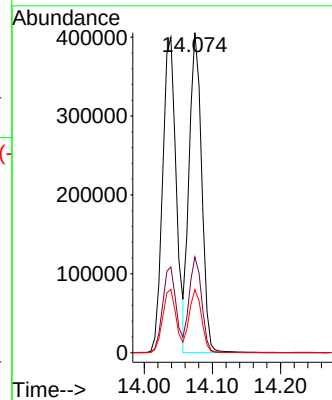
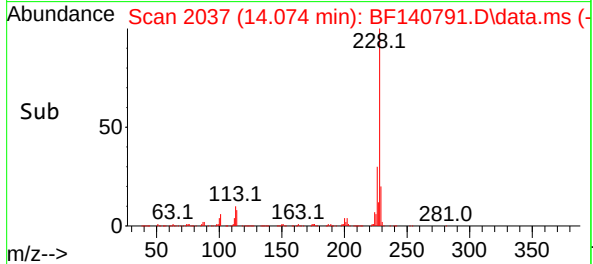
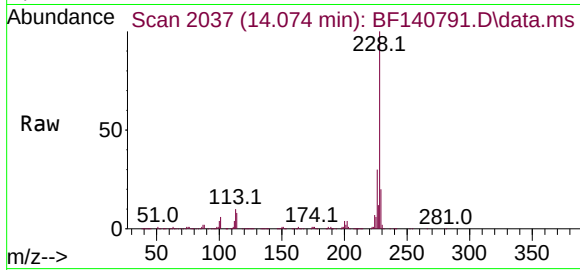
#83
Chrysene
Concen: 48.922 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:228 Resp: 511582
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.7 15.8 23.6

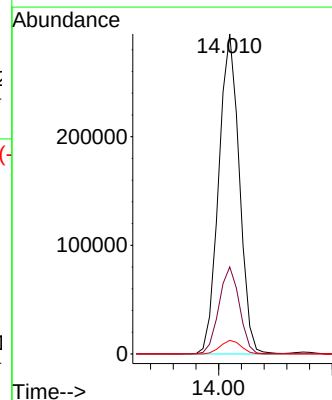
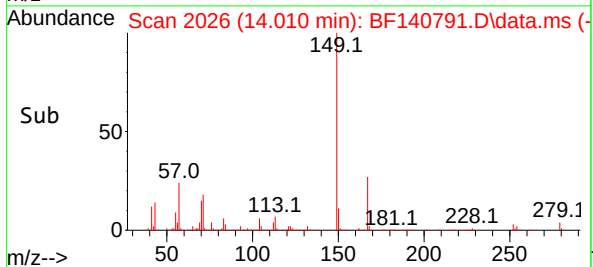
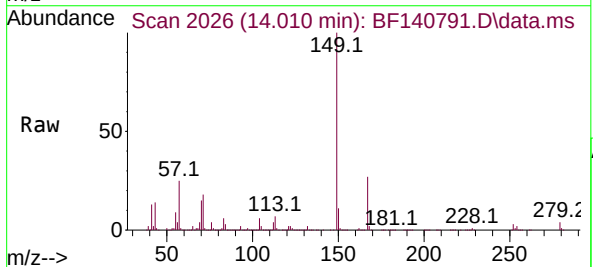
Manual Integrations
APPROVED

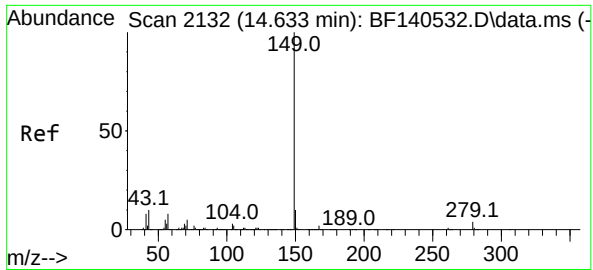
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.084 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:149 Resp: 371182
Ion Ratio Lower Upper
149 100
167 27.2 21.2 31.8
279 4.3 3.2 4.8





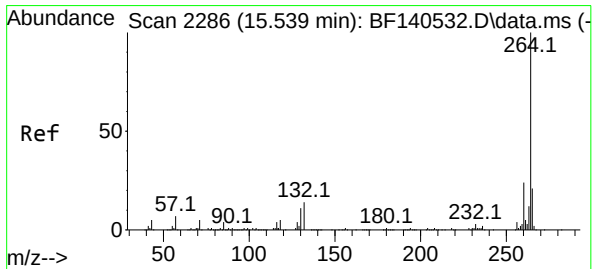
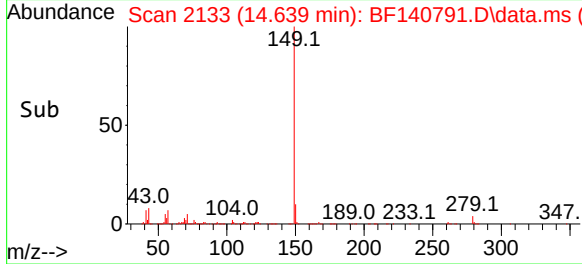
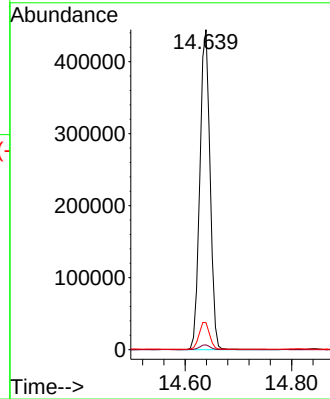
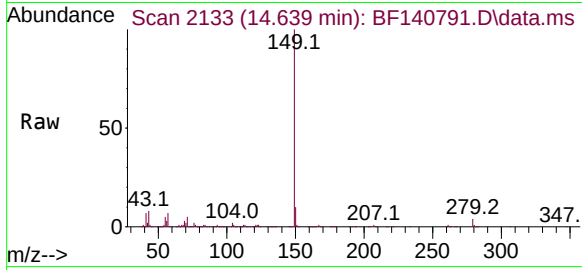
#85
Di-n-octyl phthalate
Concen: 59.490 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:149 Resp: 590749
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.7 11.5

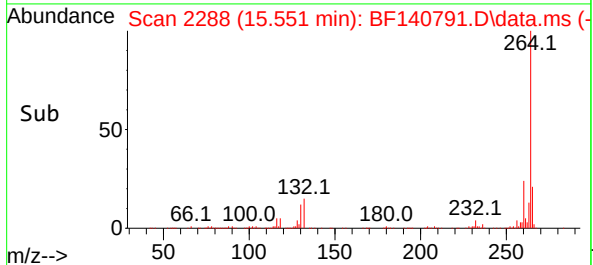
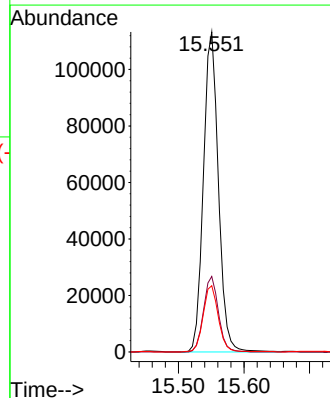
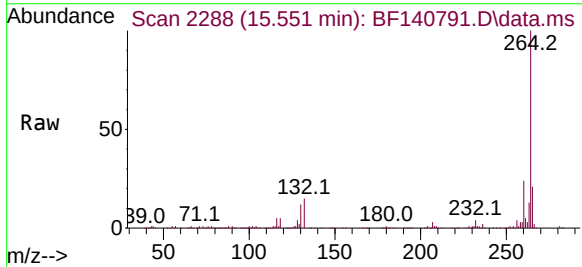
Manual Integrations
APPROVED

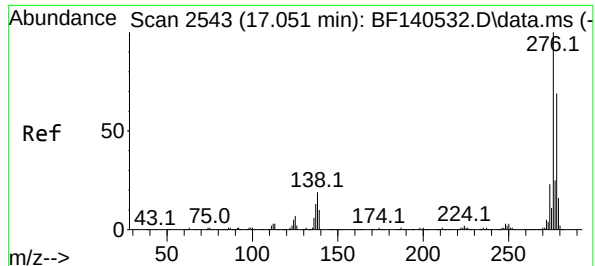
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:264 Resp: 180382
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 20.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.257 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:276 Resp: 46147

Ion Ratio Lower Upper

276 100

138 22.0 15.5 23.3

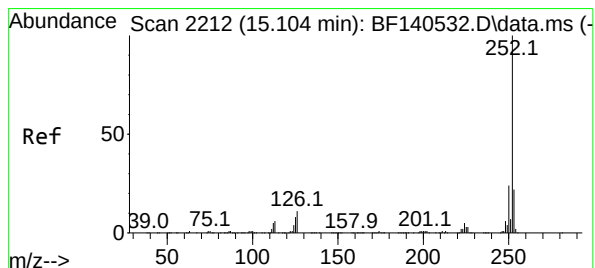
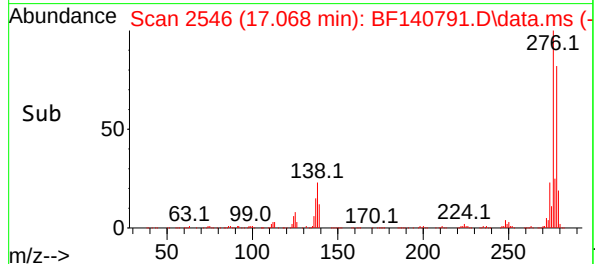
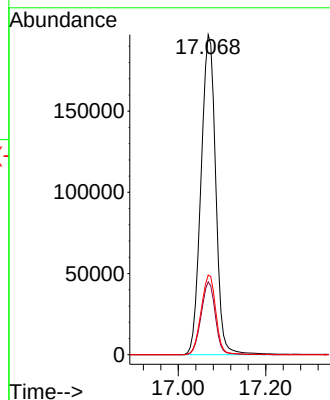
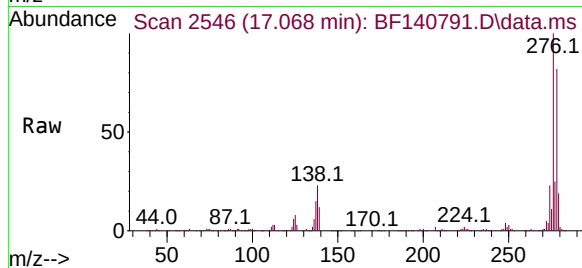
277 24.9 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#88

Benzo(b)fluoranthene

Concen: 51.076 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

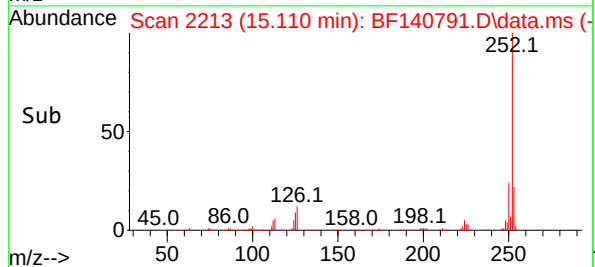
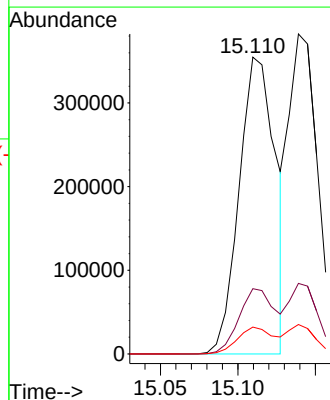
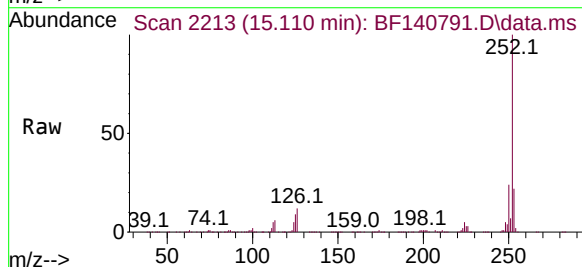
Tgt Ion:252 Resp: 578695

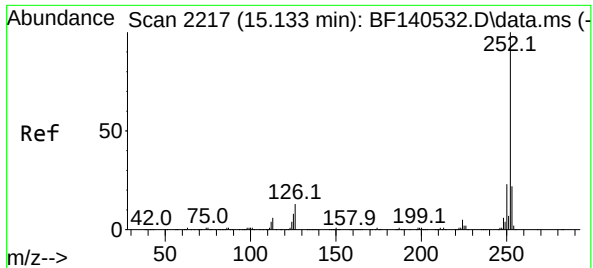
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.1 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 50.604 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:252 Resp: 501730

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

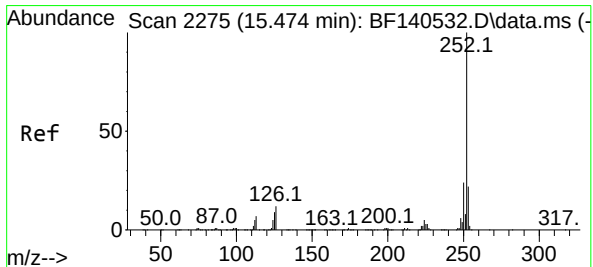
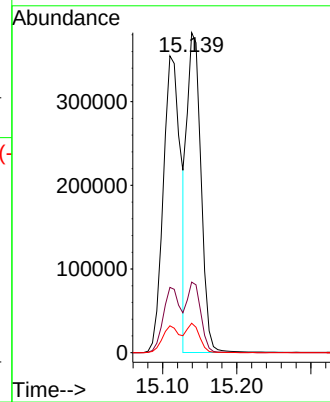
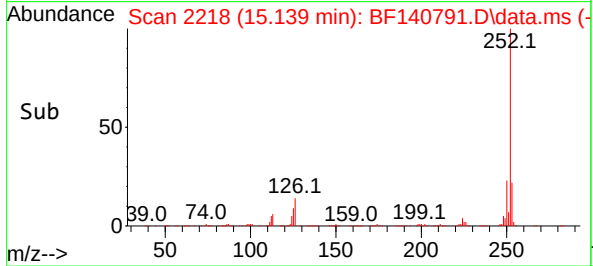
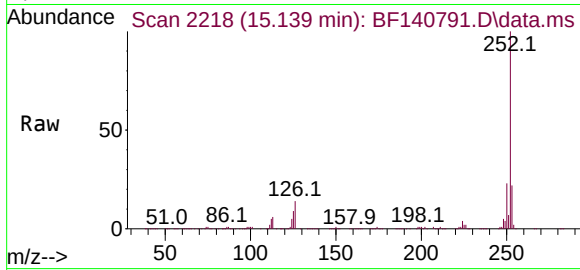
125 9.2 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 54.519 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

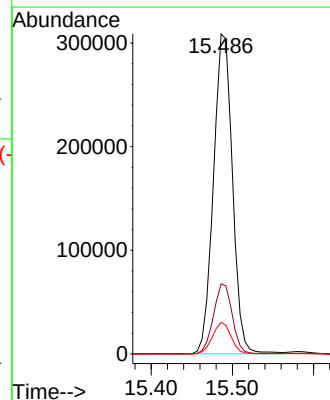
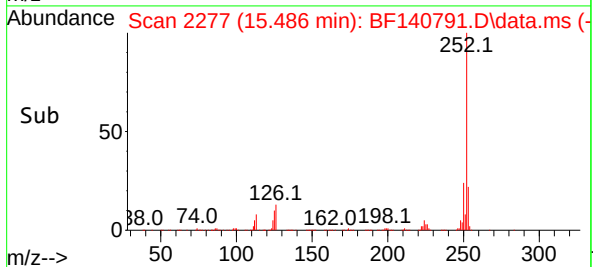
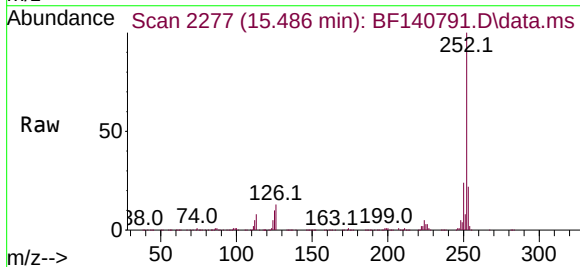
Tgt Ion:252 Resp: 502239

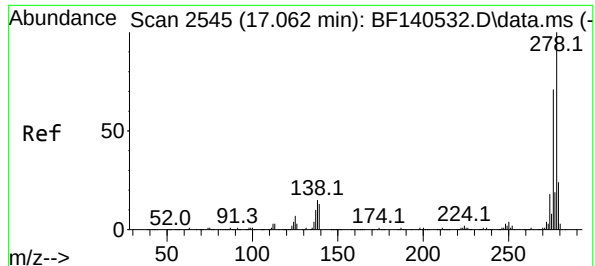
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.9 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 40.514 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:278 Resp: 390030

Ion Ratio Lower Upper

278 100

139 13.7 10.2 15.4

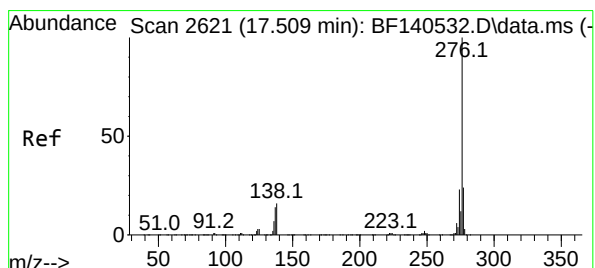
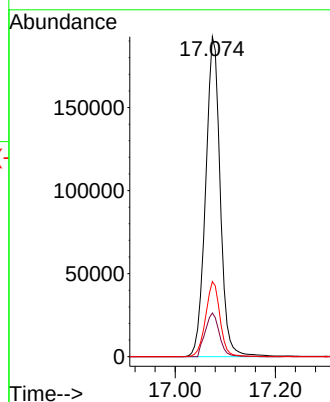
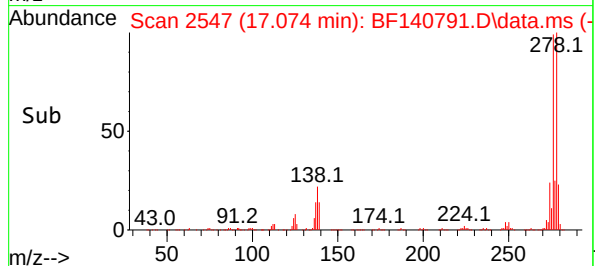
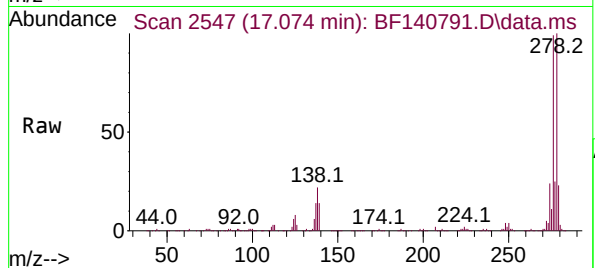
279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#92

Benzo(g,h,i)perylene

Concen: 30.656 ng

RT: 17.527 min Scan# 2624

Delta R.T. 0.018 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

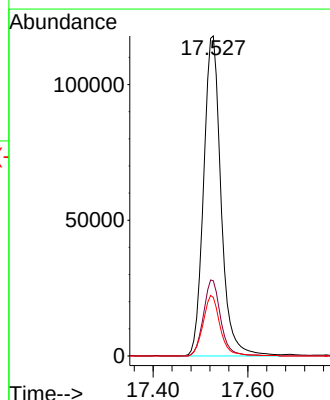
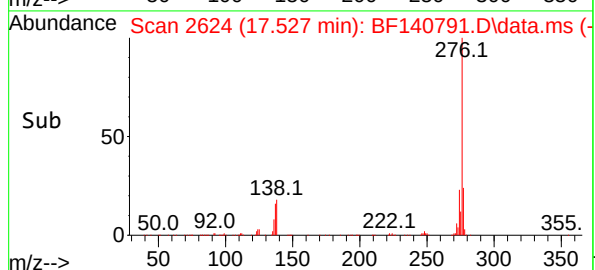
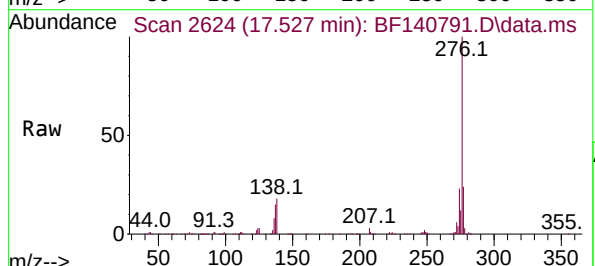
Tgt Ion:276 Resp: 301164

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 18.3 13.2 19.8



Report of Analysis

Client:	Weston Solutions	Date Collected:	12/04/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/04/24
Client Sample ID:	MH-764MSD	SDG No.:	P5117
Lab Sample ID:	P5095-04MSD	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
BF140792.D	1	12/06/24 10:45	12/09/24 16:22	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	390		15.5	40.0	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	460		8.40	40.0	50.0	ug/L
95-48-7	2-Methylphenol	530		11.3	40.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	540		11.5	80.0	100	ug/L
67-72-1	Hexachloroethane	450		10.1	40.0	50.0	ug/L
98-95-3	Nitrobenzene	510		12.7	40.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	480		12.7	40.0	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	550		8.90	40.0	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40.0	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	550		15.2	40.0	50.0	ug/L
118-74-1	Hexachlorobenzene	550		11.4	40.0	50.0	ug/L
87-86-5	Pentachlorophenol	990	E	18.5	80.0	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	150		19 - 119		100%	SPK: 150
13127-88-3	Phenol-d6	136		10 - 130		91%	SPK: 150
4165-60-0	Nitrobenzene-d5	108		44 - 120		108%	SPK: 100
321-60-8	2-Fluorobiphenyl	112		44 - 119		112%	SPK: 100
118-79-6	2,4,6-Tribromophenol	166		43 - 140		111%	SPK: 150
1718-51-0	Terphenyl-d14	117		50 - 134		117%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63500	6.863				
1146-65-2	Naphthalene-d8	236000	8.145				
15067-26-2	Acenaphthene-d10	129000	9.904				
1517-22-2	Phenanthrene-d10	239000	11.392				
1719-03-5	Chrysene-d12	125000	14.045				
1520-96-3	Perylene-d12	130000	15.551				

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/04/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/04/24
Client Sample ID:	MH-764MSD	SDG No.:	P5117
Lab Sample ID:	P5095-04MSD	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
BF140792.D	1	12/06/24 10:45	12/09/24 16:22	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF120924\
 Data File : BF140792.D
 Acq On : 09 Dec 2024 16:22
 Operator : RC/JU
 Sample : P5095-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 18:08:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	63535	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	235636	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128638	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	239472	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	124543	20.000	ng	0.00
86) Perylene-d12	15.551	264	130200	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	557789	149.792	ng	0.01
7) Phenol-d6	6.516	99	669772	136.053	ng	0.00
23) Nitrobenzene-d5	7.428	82	498832	108.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	228769	166.282	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	963368	111.582	ng	-0.01
79) Terphenyl-d14	12.980	244	936199	117.051	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	74095	47.326	ng	# 83
3) Pyridine	3.540	79	134548	39.059	ng	99
4) n-Nitrosodimethylamine	3.457	42	103304	51.024	ng	93
6) Aniline	6.534	93	58304	16.827	ng	# 1
8) 2-Chlorophenol	6.663	128	215029	53.674	ng	94
9) Benzaldehyde	6.428	77	8565	3.287	ng	95
10) Phenol	6.528	94	238292	47.398	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	205848	53.506	ng	99
12) 1,3-Dichlorobenzene	6.804	146	206053	45.774	ng	98
13) 1,4-Dichlorobenzene	6.881	146	209419	45.946	ng	99
14) 1,2-Dichlorobenzene	7.034	146	202579	47.431	ng	99
15) Benzyl Alcohol	7.016	79	192590	52.753	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	238773	52.535	ng	# 63
17) 2-Methylphenol	7.134	107	170350	53.120	ng	94
18) Hexachloroethane	7.369	117	76621	45.009	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	157936	54.284	ng	97
20) 3+4-Methylphenols	7.286	107	223621	54.251	ng	# 72
22) Acetophenone	7.275	105	308388	53.682	ng	# 93
24) Nitrobenzene	7.451	77	240674	50.549	ng	97
25) Isophorone	7.686	82	420805	54.766	ng	100
26) 2-Nitrophenol	7.763	139	115012	54.509	ng	97
27) 2,4-Dimethylphenol	7.804	122	175872m	69.666	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	252040	53.844	ng	99
29) 2,4-Dichlorophenol	8.016	162	185526	55.461	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	188188	49.271	ng	99
31) Naphthalene	8.163	128	630405	51.939	ng	99
32) Benzoic acid	7.945	122	107082	48.632	ng	98
33) 4-Chloroaniline	8.233	127	30816	8.480	ng	99
34) Hexachlorobutadiene	8.275	225	122451	48.403	ng	100
35) Caprolactam	8.592	113	47018m	45.418	ng	
36) 4-Chloro-3-methylphenol	8.716	107	203086	54.223	ng	99
37) 2-Methylnaphthalene	8.857	142	420498	54.546	ng	100
38) 1-Methylnaphthalene	8.957	142	387103	51.228	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	207401	55.074	ng	100
41) Hexachlorocyclopentadiene	9.004	237	120002	136.135	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	130124	55.066	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140792.D
 Acq On : 09 Dec 2024 16:22
 Operator : RC/JU
 Sample : P5095-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 18:08:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138026	53.820	ng	97
46) 1,1'-Biphenyl	9.322	154	526128	54.781	ng	100
47) 2-Chloronaphthalene	9.351	162	392918	53.992	ng	98
48) 2-Nitroaniline	9.451	65	125933	53.912	ng	97
49) Acenaphthylene	9.763	152	637528	57.980	ng	99
50) Dimethylphthalate	9.622	163	482427	56.944	ng	100
51) 2,6-Dinitrotoluene	9.692	165	104943	54.618	ng	95
52) Acenaphthene	9.933	154	387362	55.444	ng	99
53) 3-Nitroaniline	9.869	138	29663	15.785	ng	96
54) 2,4-Dinitrophenol	9.986	184	111985	109.354	ng	92
55) Dibenzofuran	10.110	168	593031	55.649	ng	99
56) 4-Nitrophenol	10.051	139	104599	81.614	ng	95
57) 2,4-Dinitrotoluene	10.104	165	140928	55.188	ng	94
58) Fluorene	10.451	166	478571	55.948	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	119495	60.627	ng	90
60) Diethylphthalate	10.322	149	475891	55.286	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	234481	55.858	ng	98
62) 4-Nitroaniline	10.486	138	87530	44.410	ng	93
63) Azobenzene	10.604	77	449754	55.175	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	74319	60.732	ng	96
66) n-Nitrosodiphenylamine	10.563	169	371906	52.516	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	138070	55.985	ng	98
68) Hexachlorobenzene	11.004	284	157096	55.013	ng	98
69) Atrazine	11.092	200	80823	40.569	ng	98
70) Pentachlorophenol	11.210	266	124242	98.854	ng	100
71) Phenanthrene	11.421	178	661060	57.428	ng	100
72) Anthracene	11.474	178	671421	59.628	ng	100
73) Carbazole	11.633	167	569315	52.557	ng	99
74) Di-n-butylphthalate	11.951	149	721072	57.659	ng	99
75) Fluoranthene	12.610	202	632663	50.620	ng	99
77) Benzidine	12.757	184	6978m	1.927	ng	
78) Pyrene	12.845	202	626983	54.447	ng	99
80) Butylbenzylphthalate	13.451	149	235451	56.758	ng	99
81) Benzo(a)anthracene	14.039	228	478872	58.086	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	24916	10.066	ng	99
83) Chrysene	14.074	228	436033	57.841	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	306433	58.500	ng	99
85) Di-n-octyl phthalate	14.639	149	457880	63.962	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	362816	42.760	ng	99
88) Benzo(b)fluoranthene	15.109	252	510520	62.426	ng	99
89) Benzo(k)fluoranthene	15.139	252	419453	58.611	ng	99
90) Benzo(a)pyrene	15.486	252	425445	63.982	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	309674	44.564	ng	99
92) Benzo(g,h,i)perylene	17.527	276	243639	34.359	ng	98

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

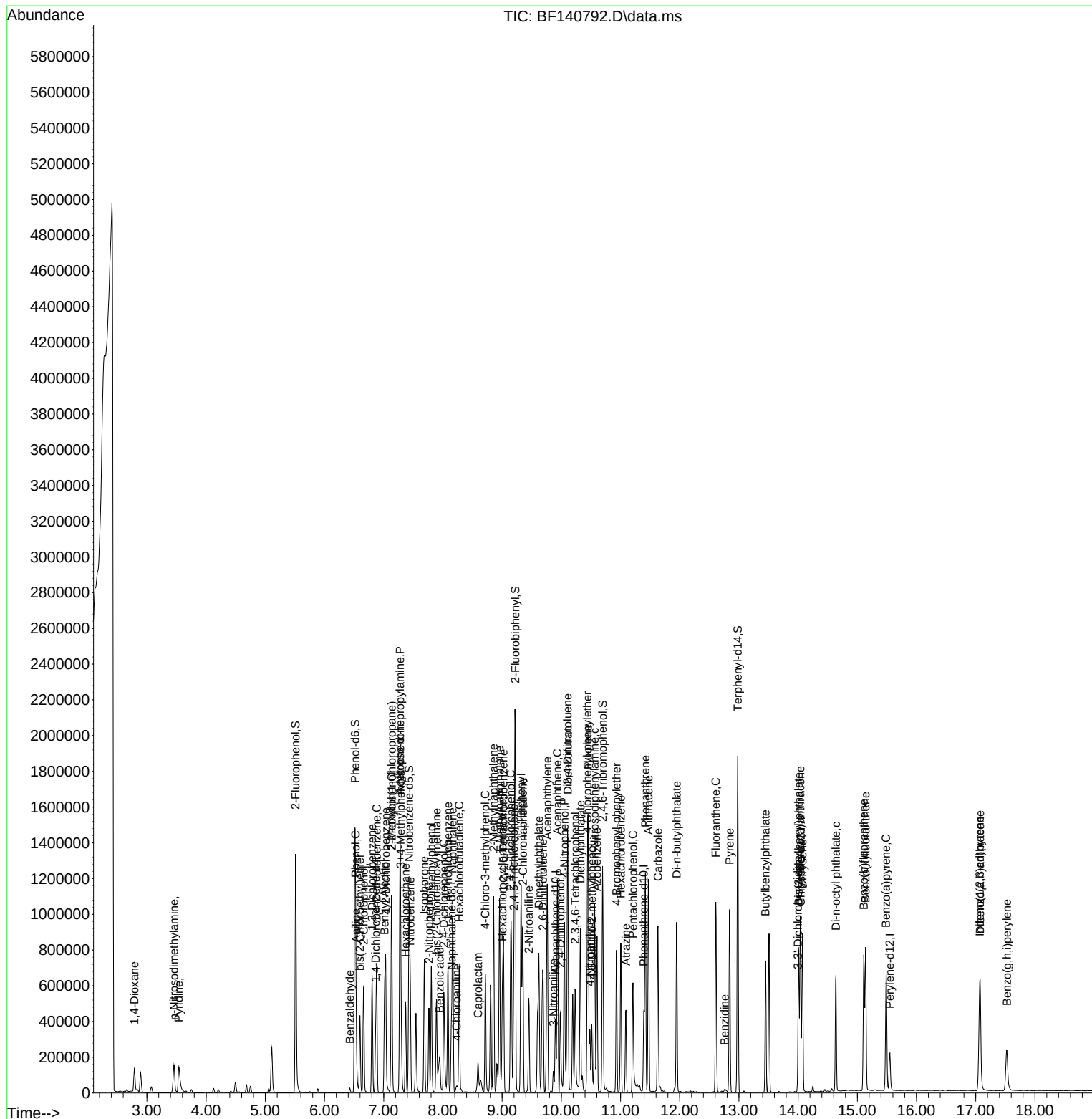
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Acq On : 09 Dec 2024 16:22
Operator : RC/JU
Sample : P5095-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

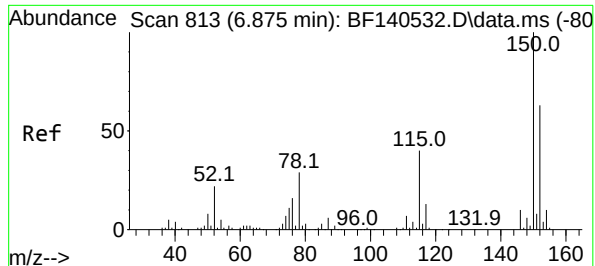
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

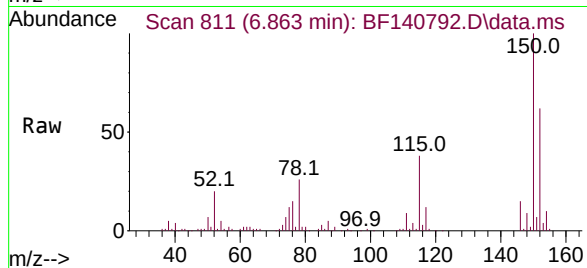
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

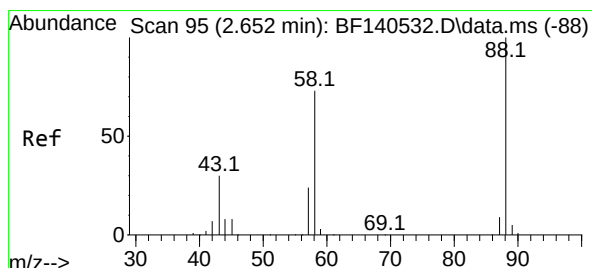
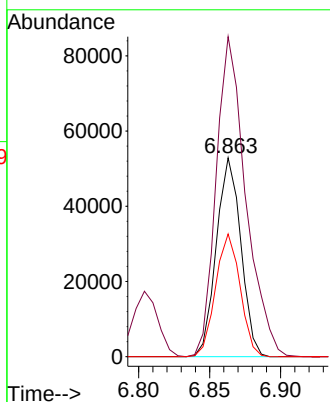
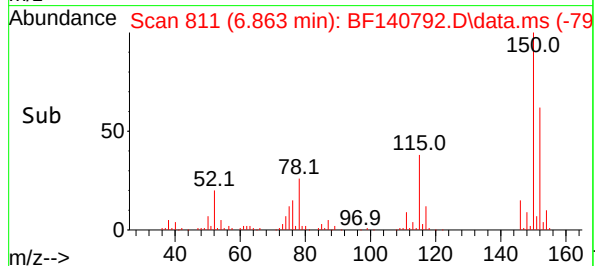
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:152 Resp: 6353
Ion Ratio Lower Upper
152 100
150 160.9 128.5 192.7
115 61.7 50.2 75.4

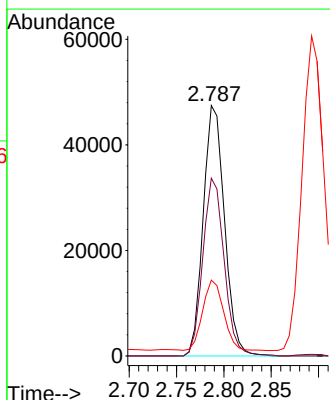
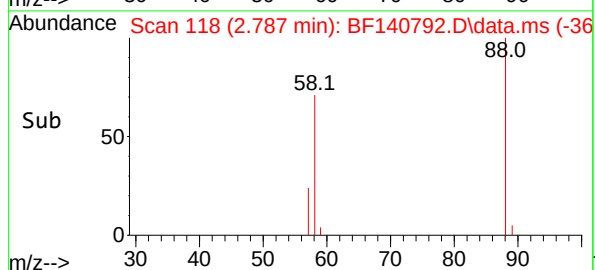
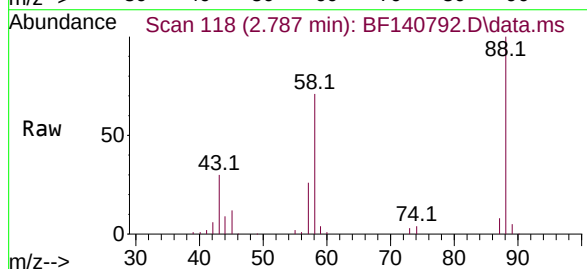
Manual Integrations
APPROVED

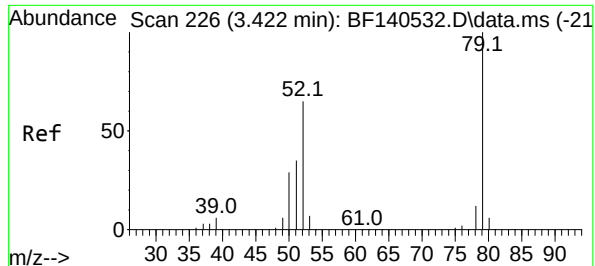
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 47.326 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.135 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 88 Resp: 74095
Ion Ratio Lower Upper
88 100
58 71.1 57.4 86.2
43 0.0 24.3 36.5





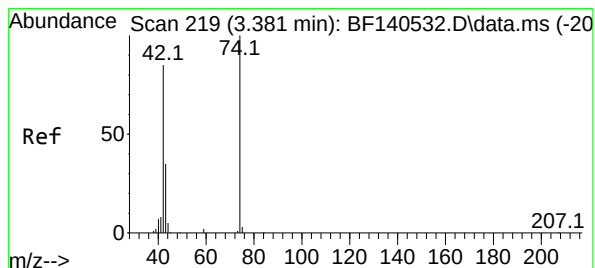
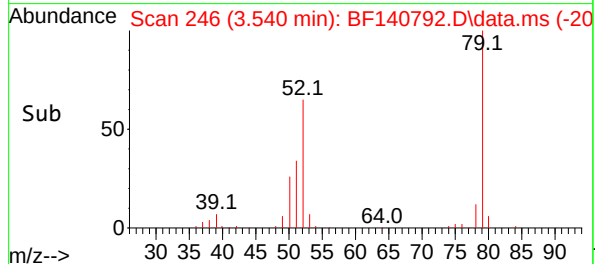
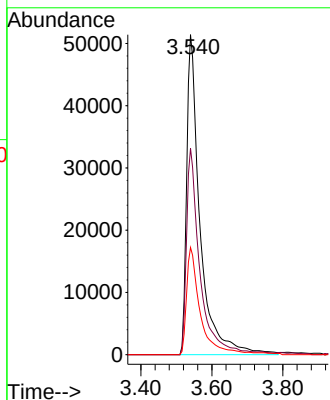
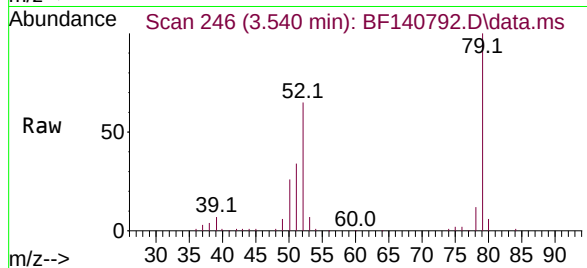
#3
Pyridine
Concen: 39.059 ng
RT: 3.540 min Scan# 246
Delta R.T. 0.118 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion: 79 Resp: 134548
Ion Ratio Lower Upper
79 100
52 64.5 52.1 78.1
51 33.5 27.8 41.8

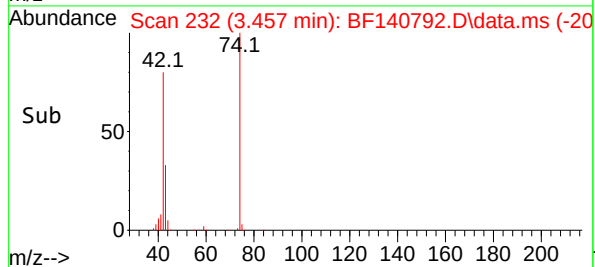
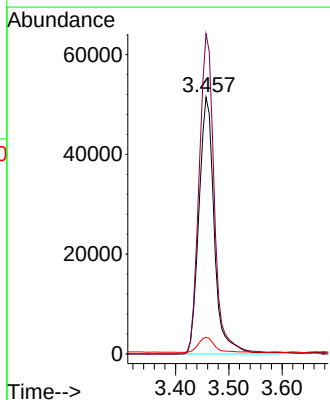
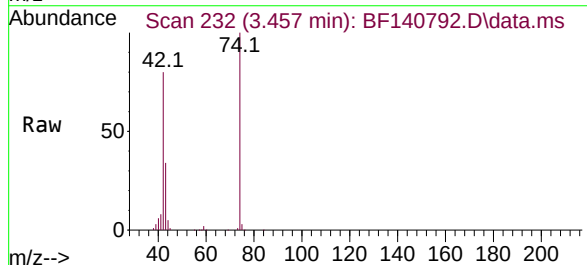
Manual Integrations
APPROVED

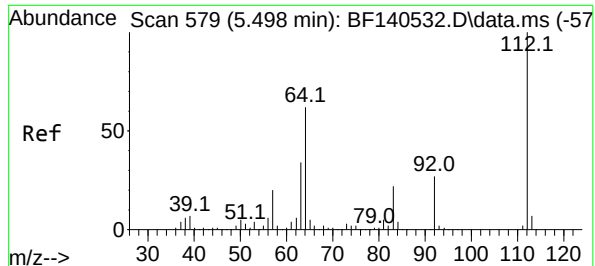
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#4
n-Nitrosodimethylamine
Concen: 51.024 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.076 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 42 Resp: 103304
Ion Ratio Lower Upper
42 100
74 124.7 93.8 140.6
44 6.5 4.6 6.8





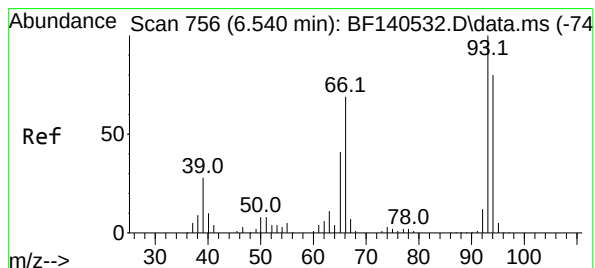
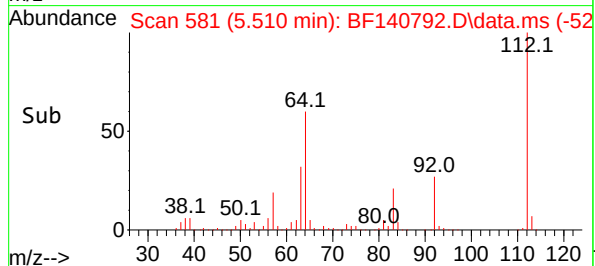
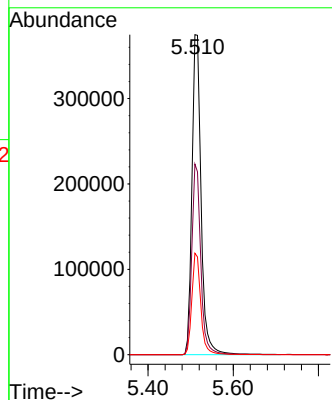
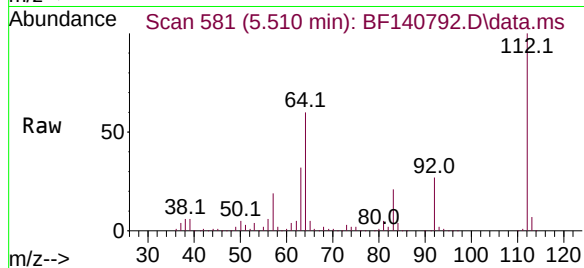
#5
2-Fluorophenol
Concen: 149.792 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:112 Resp: 557789
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.7 27.0 40.4

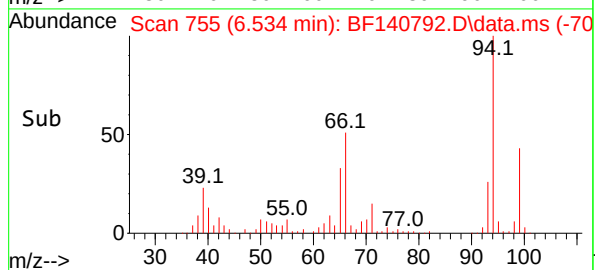
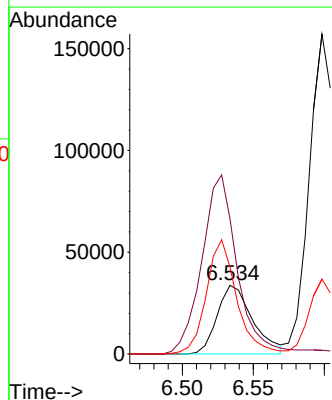
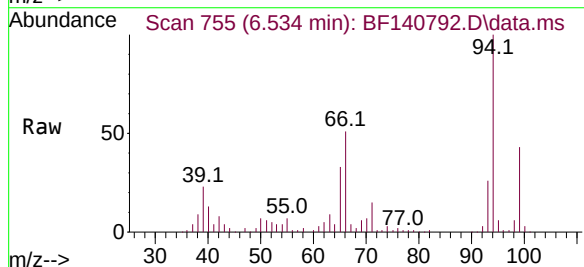
Manual Integrations
APPROVED

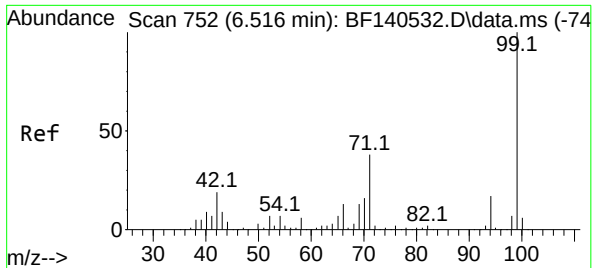
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 16.827 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 93 Resp: 58304
Ion Ratio Lower Upper
93 100
66 197.1 56.5 84.7#
65 126.7 32.9 49.3#





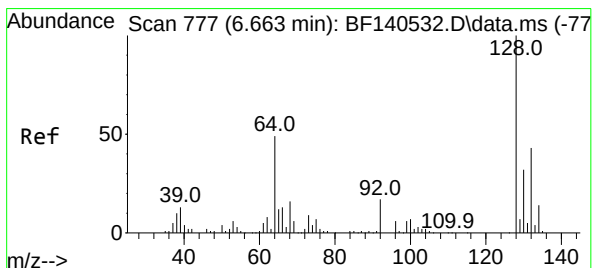
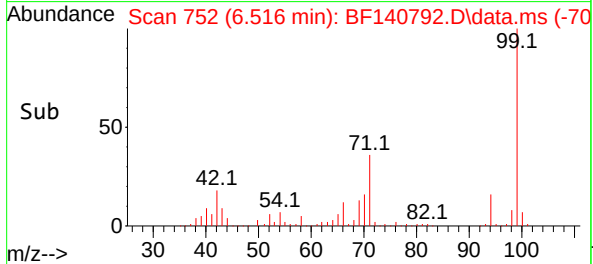
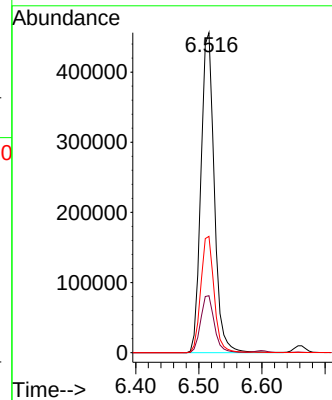
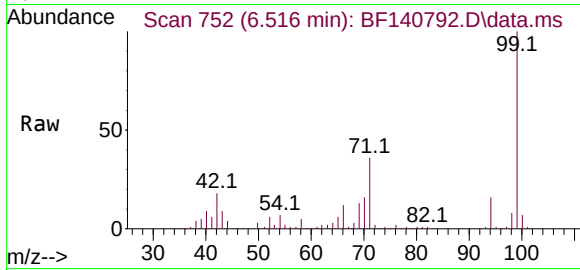
#7
Phenol-d6
Concen: 136.053 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion: 99 Resp: 669772
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.3 30.6 46.0

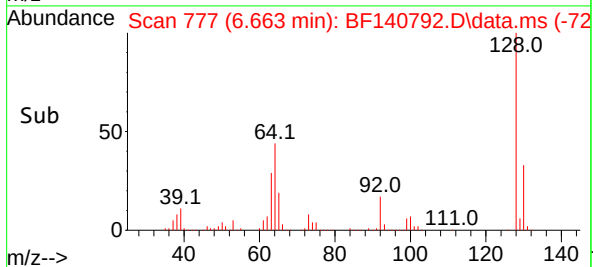
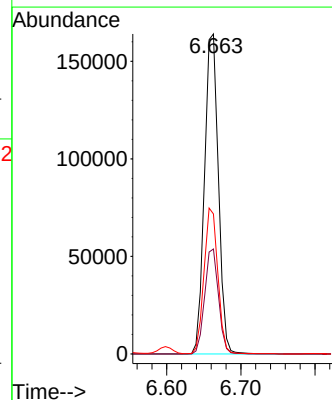
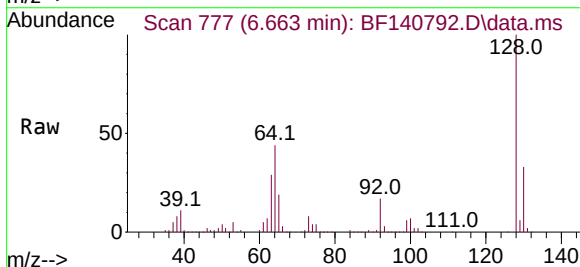
Manual Integrations
APPROVED

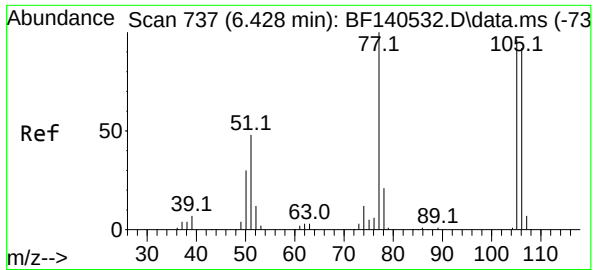
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#8
2-Chlorophenol
Concen: 53.674 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:128 Resp: 215029
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 43.8 30.2 70.2





#9

Benzaldehyde

Concen: 3.287 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion: 77 Resp: 856

Ion Ratio Lower Upper

77 100

105 103.8 75.6 115.6

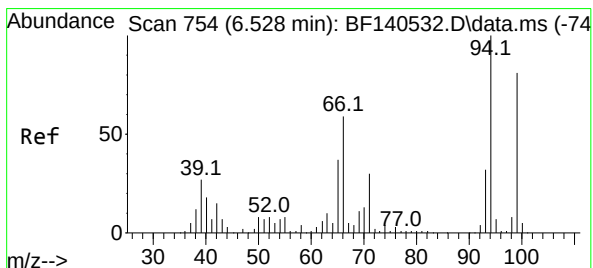
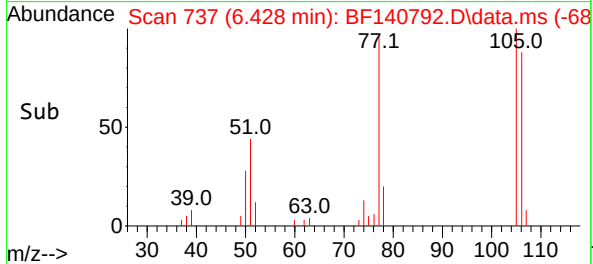
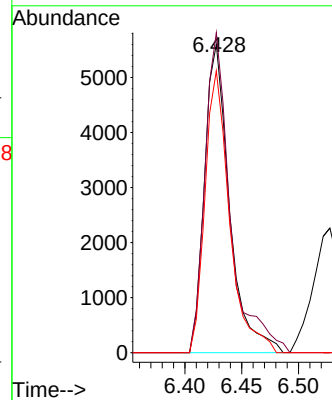
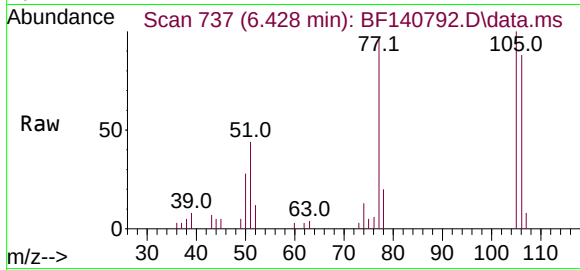
106 91.4 72.0 112.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#10

Phenol

Concen: 47.398 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

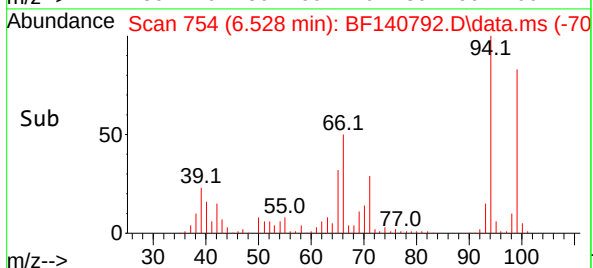
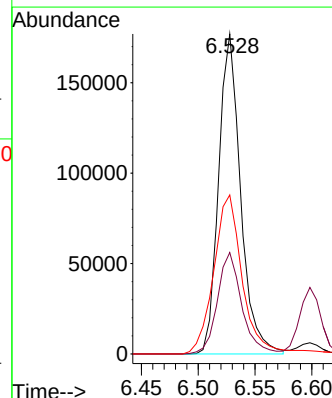
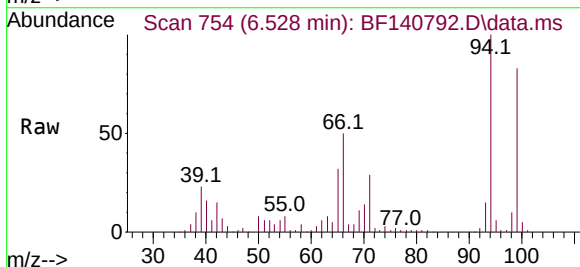
Tgt Ion: 94 Resp: 238292

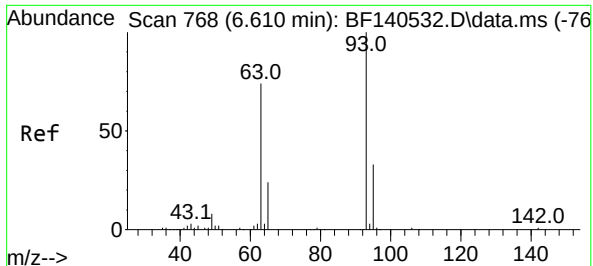
Ion Ratio Lower Upper

94 100

65 31.7 17.2 57.2

66 49.7 39.2 79.2





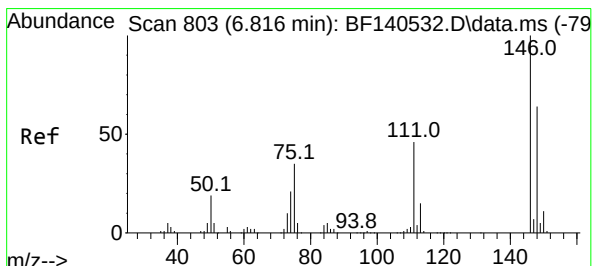
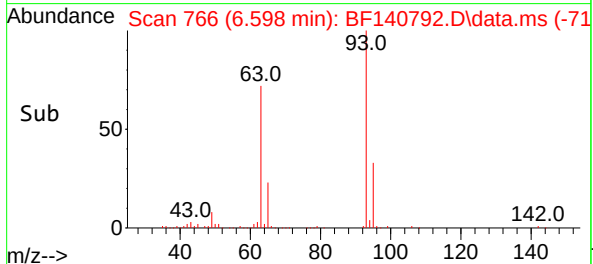
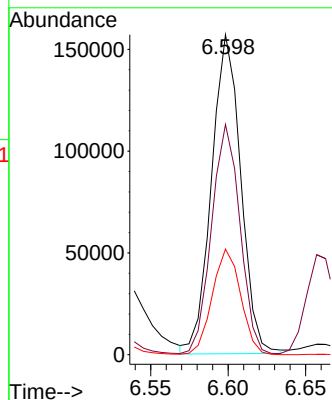
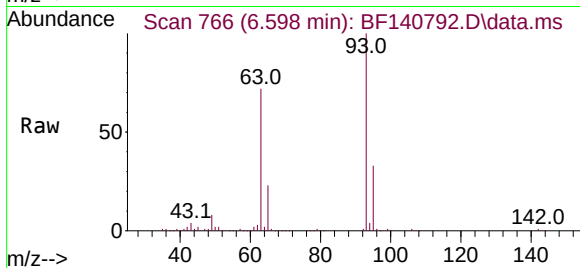
#11
bis(2-Chloroethyl)ether
Concen: 53.506 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion: 93 Resp: 20584
Ion Ratio Lower Upper
93 100
63 71.9 52.8 92.8
95 33.0 12.3 52.3

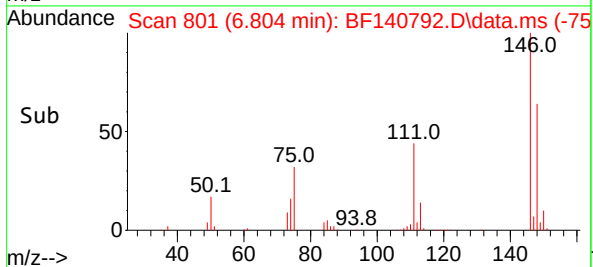
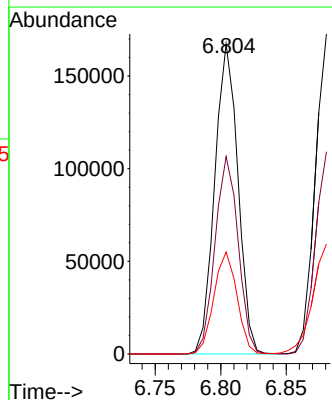
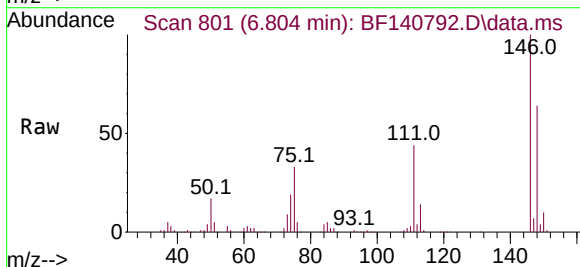
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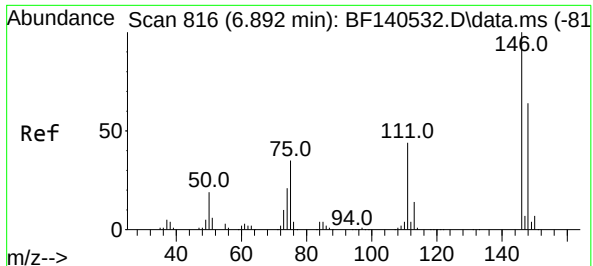
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 45.774 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:146 Resp: 206053
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 32.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 45.946 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:146 Resp: 209419

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

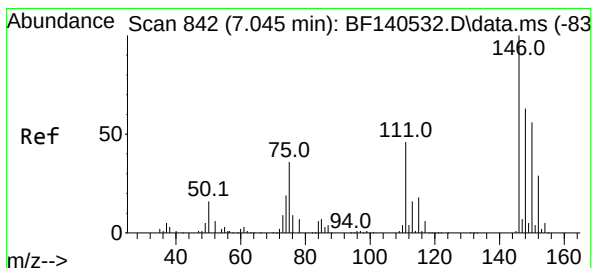
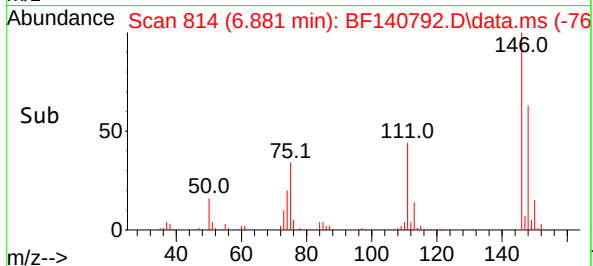
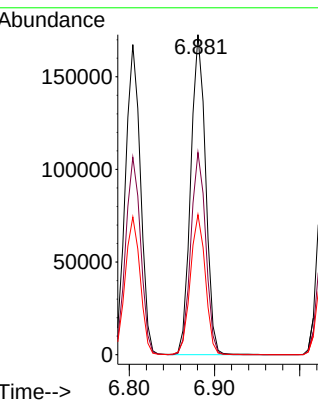
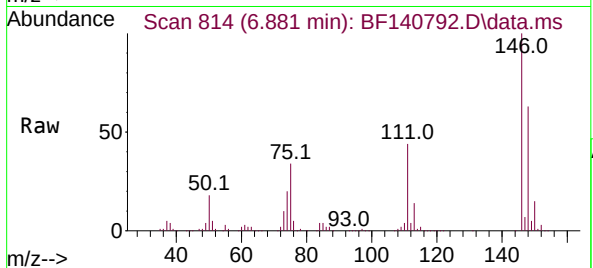
111 43.8 35.3 52.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#14

1,2-Dichlorobenzene

Concen: 47.431 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

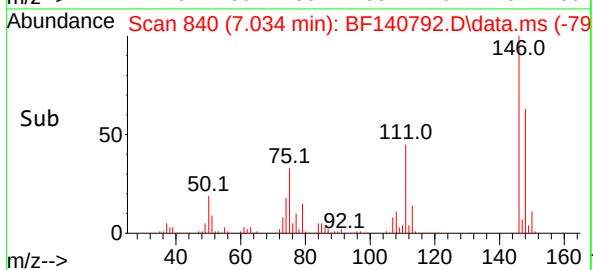
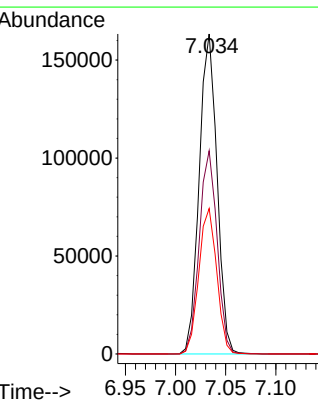
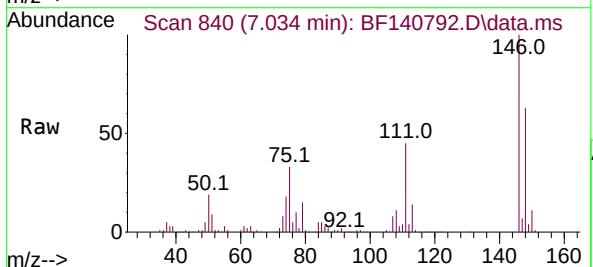
Tgt Ion:146 Resp: 202579

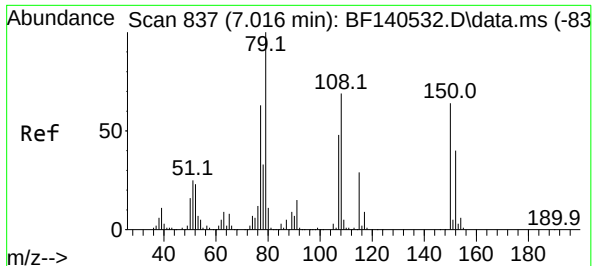
Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 45.4 36.7 55.1





#15

Benzyl Alcohol

Concen: 52.753 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion: 79 Resp: 192590

Ion Ratio Lower Upper

79 100

108 73.1 55.0 82.6

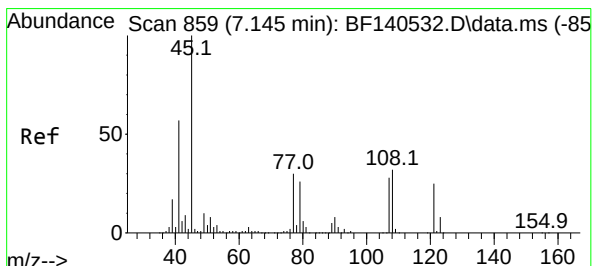
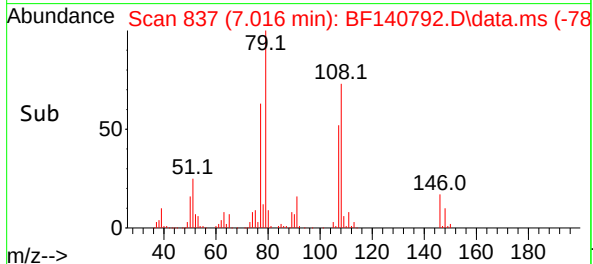
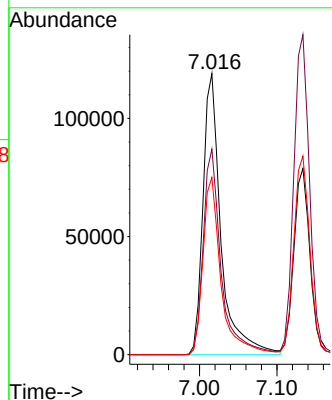
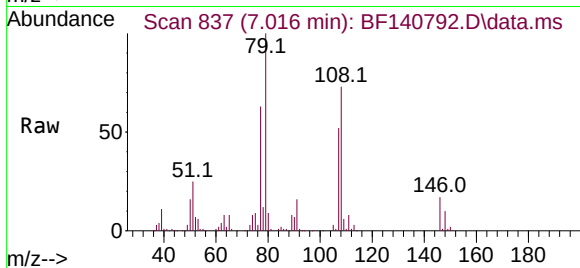
77 63.0 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.535 ng

RT: 7.134 min Scan# 857

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

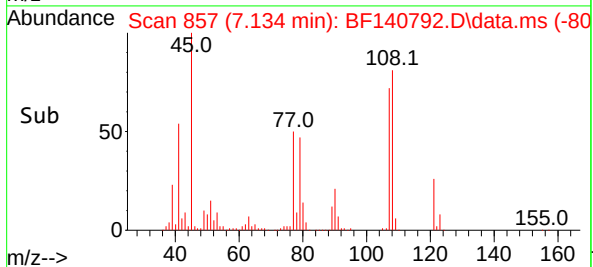
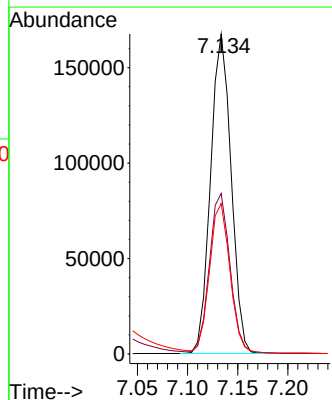
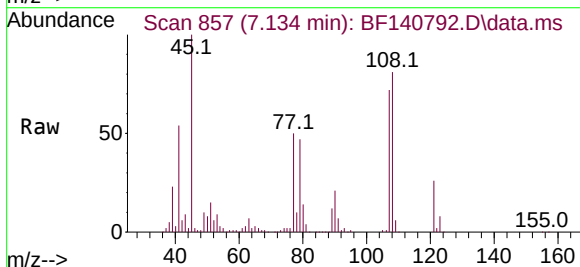
Tgt Ion: 45 Resp: 238773

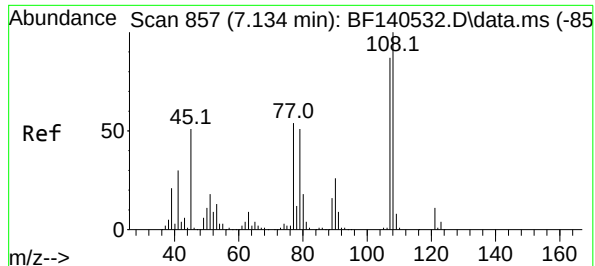
Ion Ratio Lower Upper

45 100

77 50.2 10.7 50.7

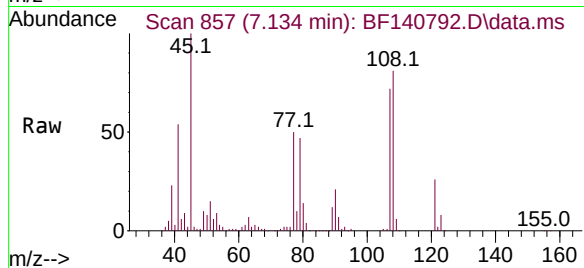
79 47.0 7.0 47.0#





#17
2-Methylphenol
Concen: 53.120 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

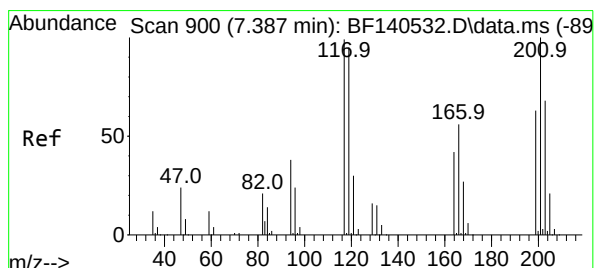
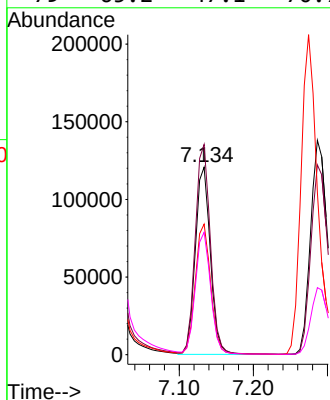
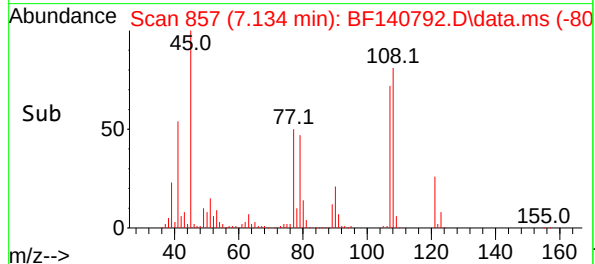
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:107 Resp: 170350
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 69.6 49.3 73.9
79 65.2 47.1 70.7

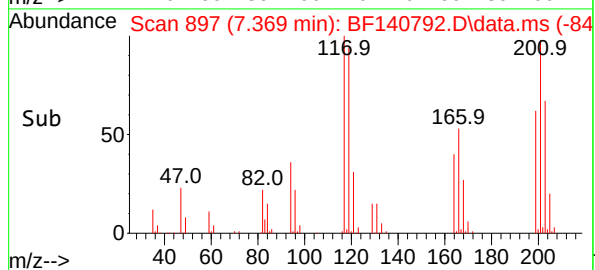
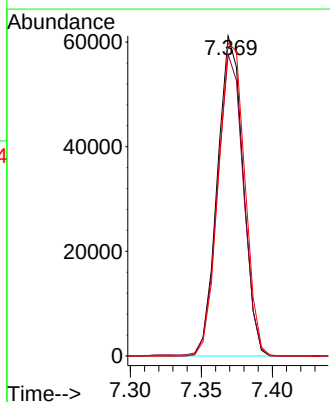
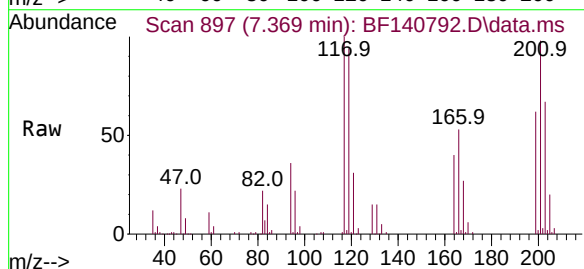
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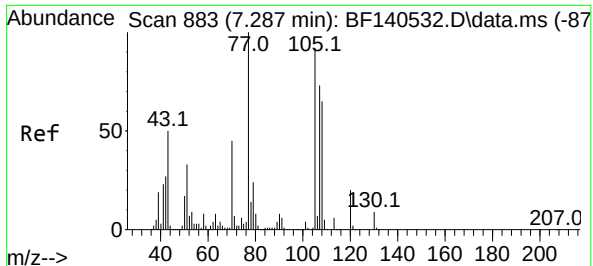
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 45.009 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:117 Resp: 76621
Ion Ratio Lower Upper
117 100
119 94.2 77.1 115.7
201 97.8 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 54.284 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140792.D

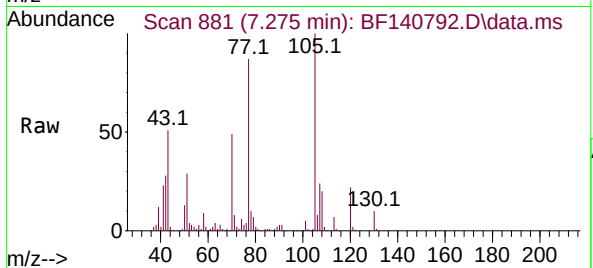
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



Tgt Ion: 70 Resp: 157930

Ion Ratio Lower Upper

70 100

42 56.7 47.6 71.4

101 9.7 7.6 11.4

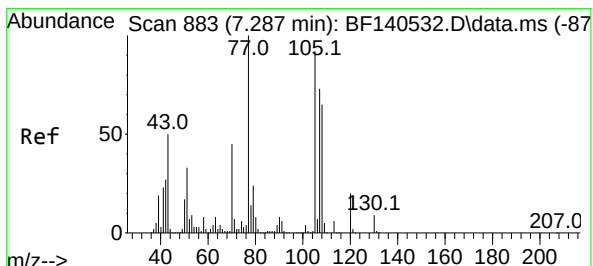
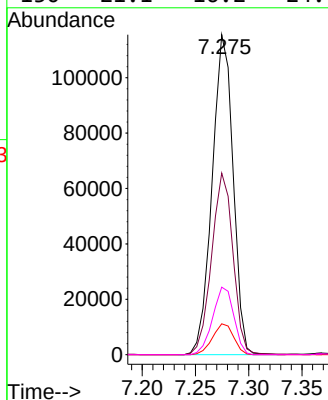
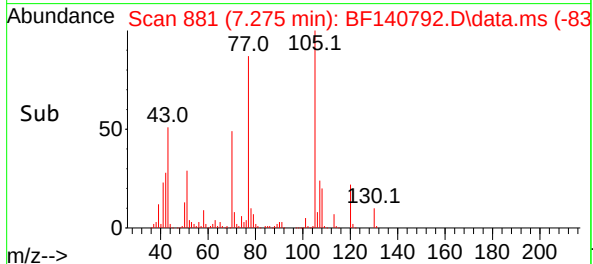
130 21.1 16.2 24.4

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#20

3+4-Methylphenols

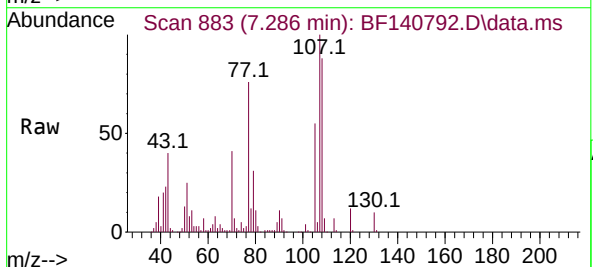
Concen: 54.251 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22



Tgt Ion:107 Resp: 223621

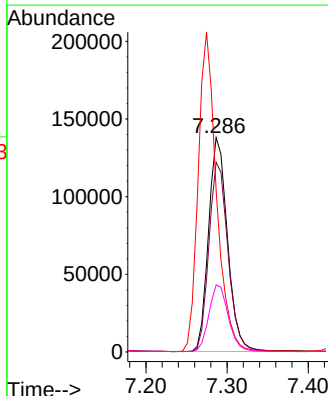
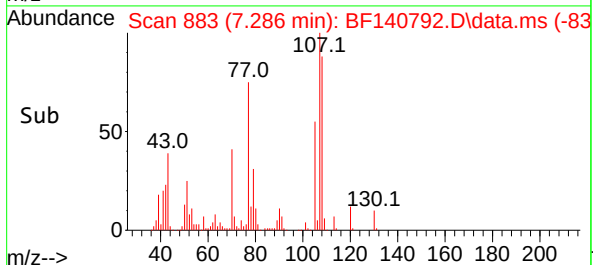
Ion Ratio Lower Upper

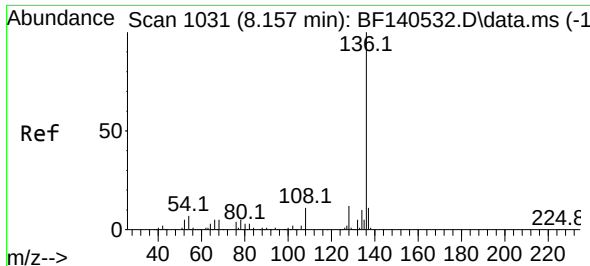
107 100

108 88.5 69.9 109.9

77 75.5 117.7 157.7#

79 31.3 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:136 Resp: 235630

Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.7 5.8 8.8

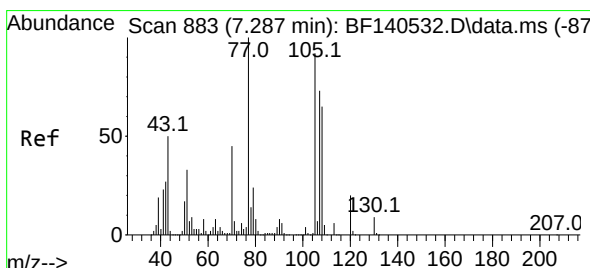
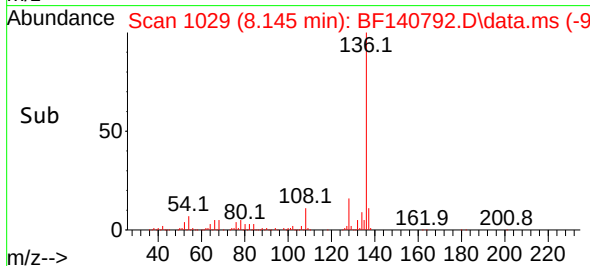
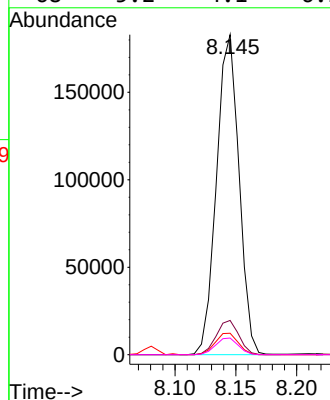
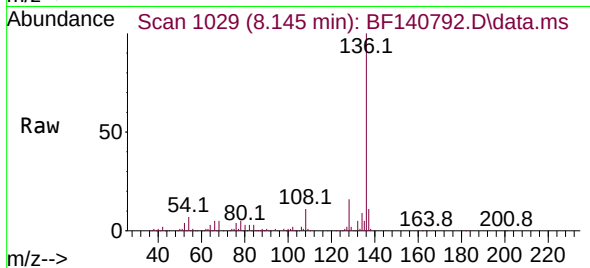
68 5.2 4.1 6.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#22

Acetophenone

Concen: 53.682 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:105 Resp: 308388

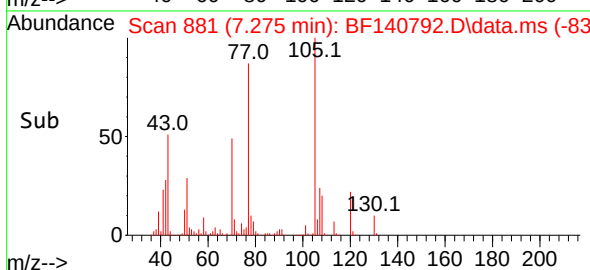
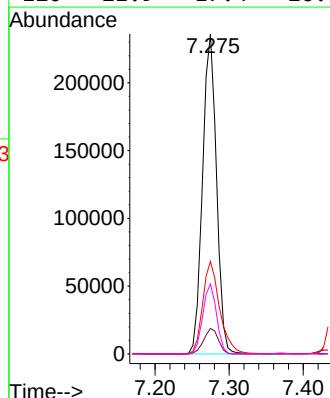
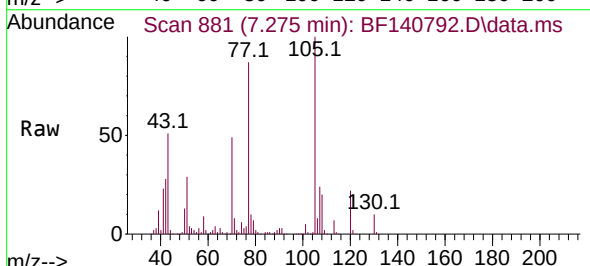
Ion Ratio Lower Upper

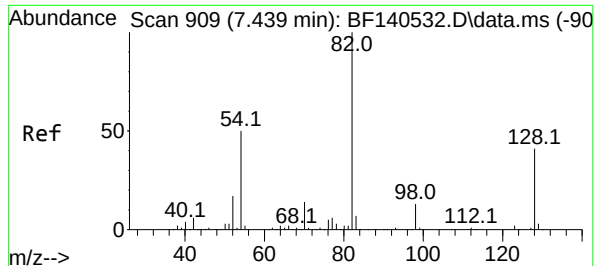
105 100

71 8.0 6.2 9.2

51 29.0 29.0 43.6#

120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 108.283 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion: 82 Resp: 49883

Ion Ratio Lower Upper

82 100

128 42.4 33.0 49.4

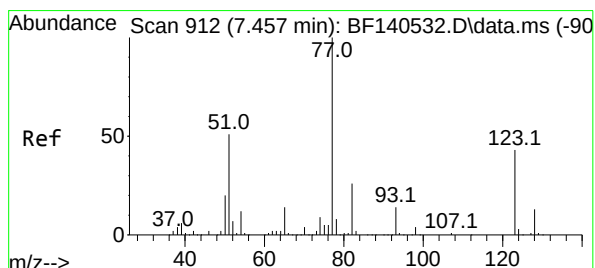
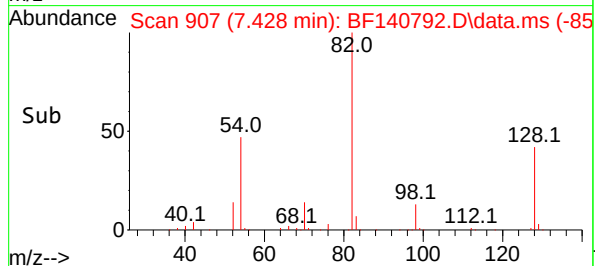
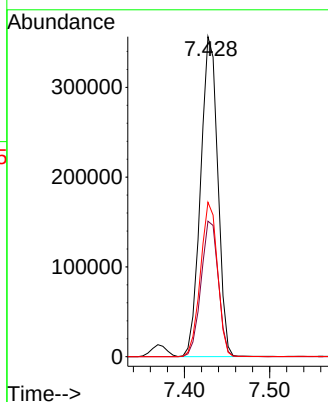
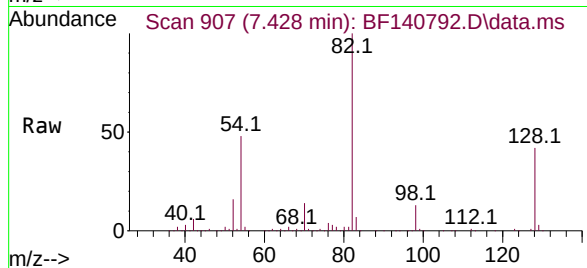
54 48.3 39.5 59.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#24

Nitrobenzene

Concen: 50.549 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

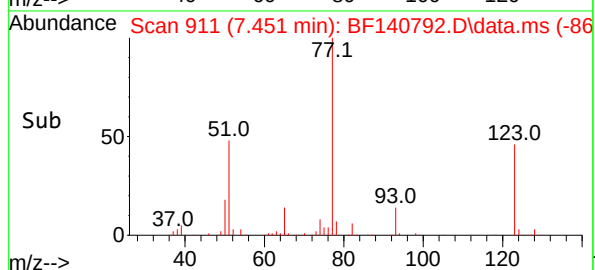
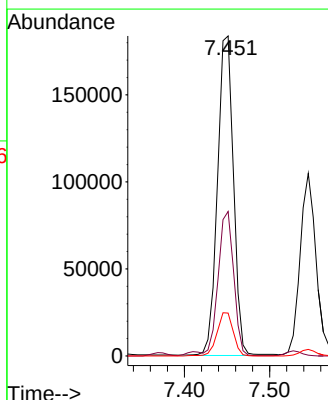
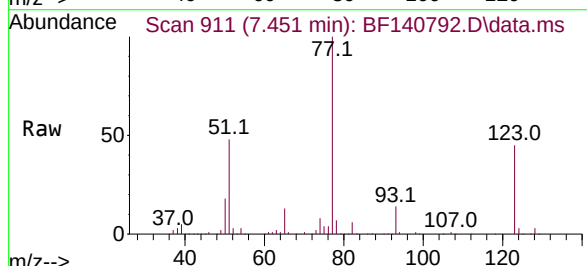
Tgt Ion: 77 Resp: 240674

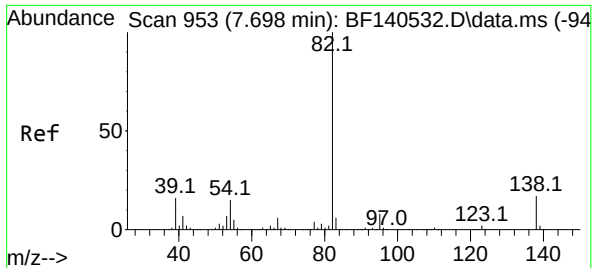
Ion Ratio Lower Upper

77 100

123 45.2 34.3 51.5

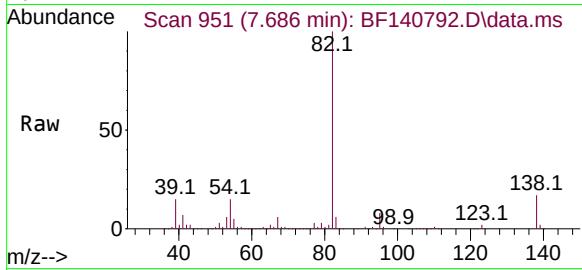
65 13.4 11.2 16.8





#25
Isophorone
Concen: 54.766 ng
RT: 7.686 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

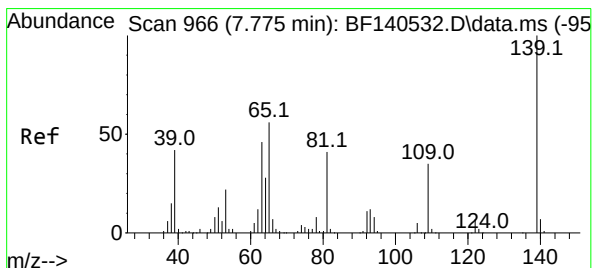
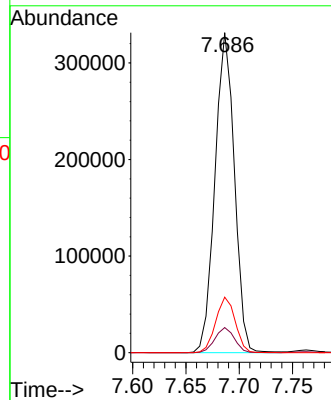
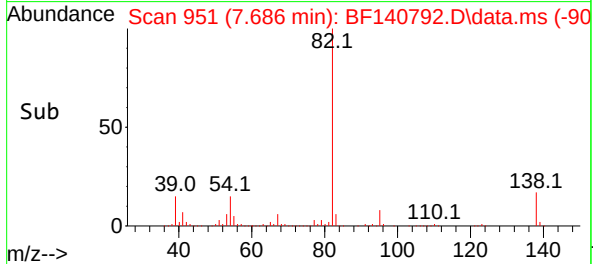
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion: 82 Resp: 420809
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.3 13.8 20.6

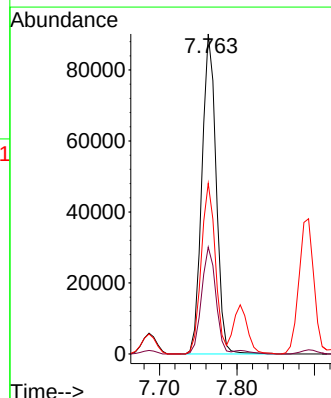
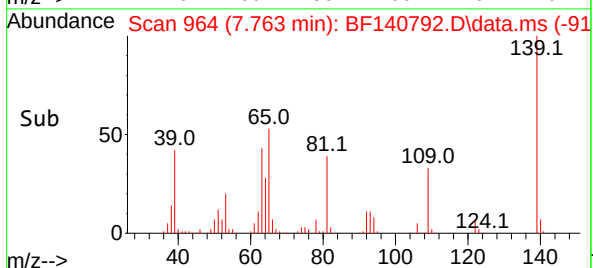
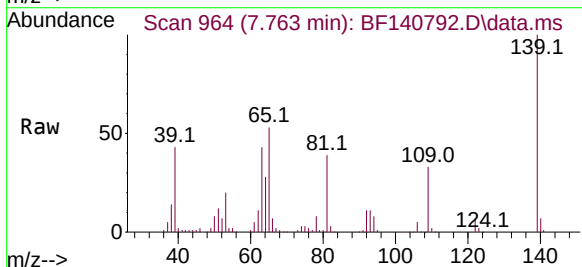
Manual Integrations
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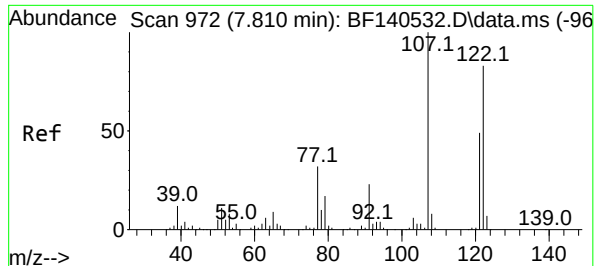
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 54.509 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:139 Resp: 115012
Ion Ratio Lower Upper
139 100
109 33.4 28.0 42.0
65 53.3 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 69.666 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:122 Resp: 175872

Ion Ratio Lower Upper

122 100

107 118.2 96.8 145.2

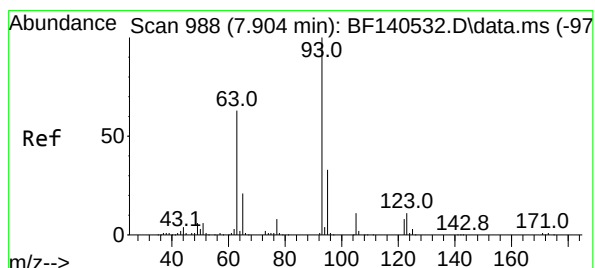
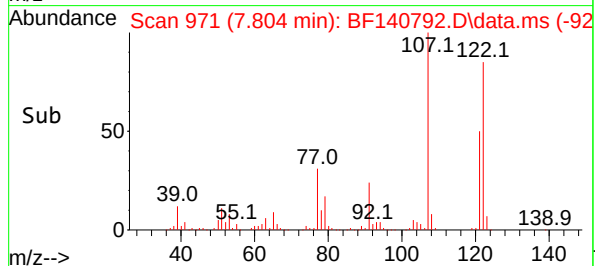
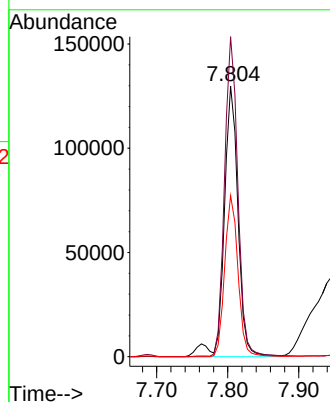
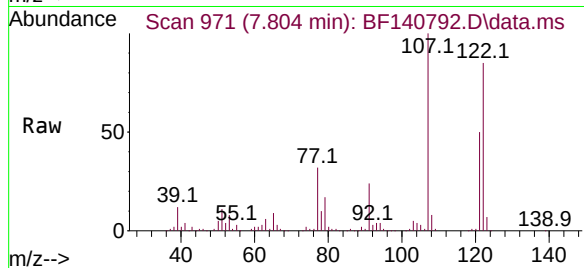
121 59.5 47.4 71.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 53.844 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

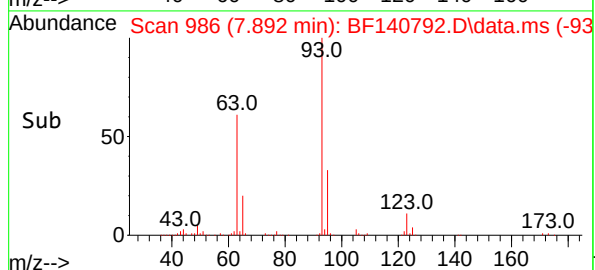
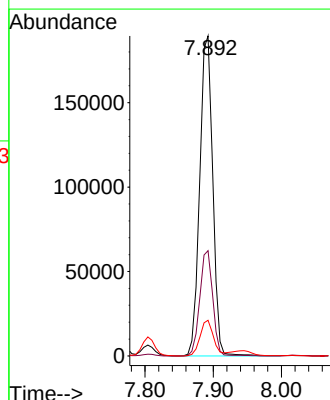
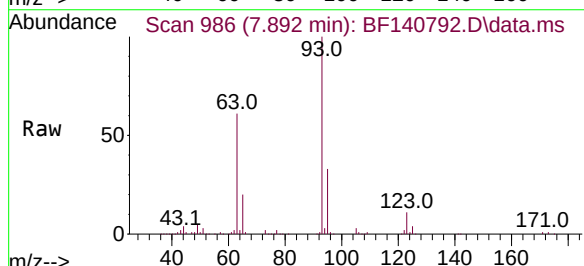
Tgt Ion: 93 Resp: 252040

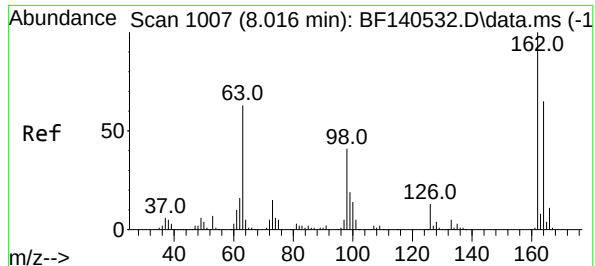
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

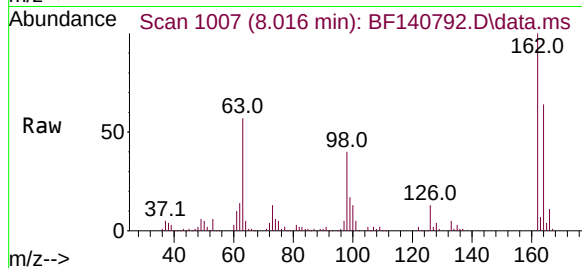
123 11.2 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 55.461 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

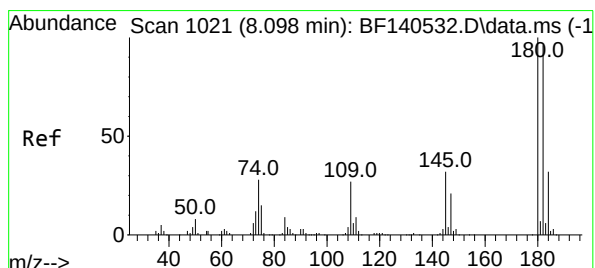
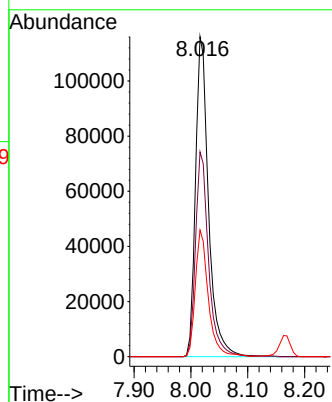
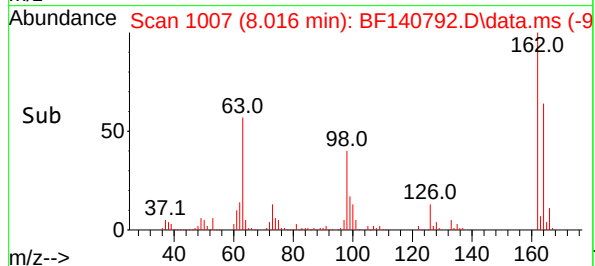
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



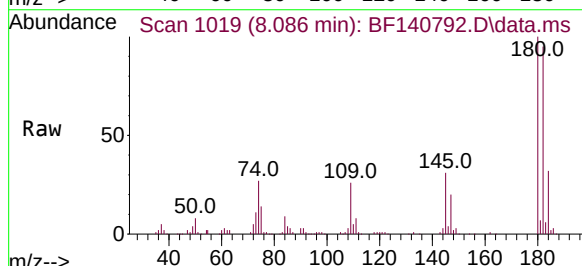
Tgt Ion:162 Resp: 185520
Ion Ratio Lower Upper
162 100
164 64.0 44.8 84.8
98 39.6 21.2 61.2

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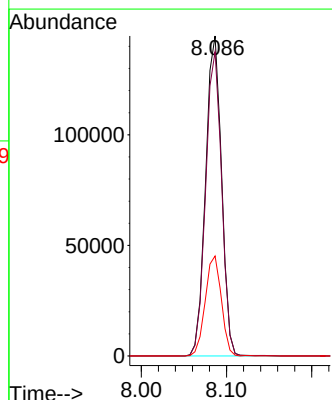
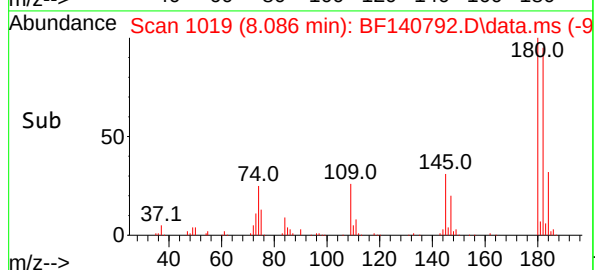
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

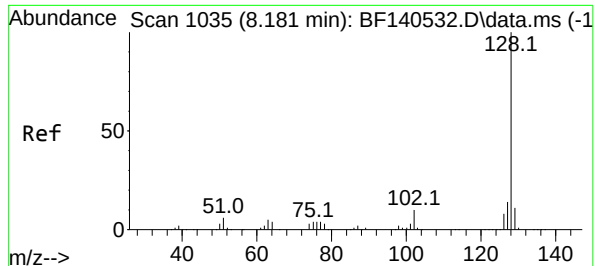


#30
1,2,4-Trichlorobenzene
Concen: 49.271 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:180 Resp: 188188
Ion Ratio Lower Upper
180 100
182 95.1 76.4 114.6
145 31.3 25.9 38.9





#31

Naphthalene

Concen: 51.939 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.018 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:128 Resp: 63040

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

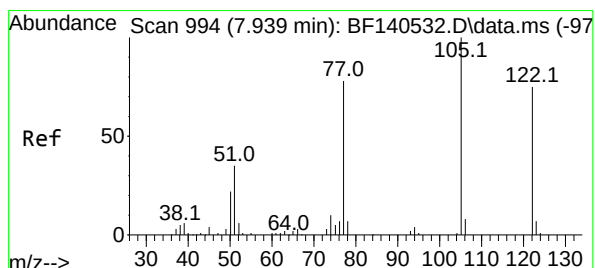
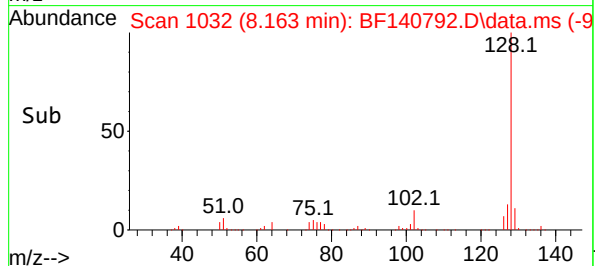
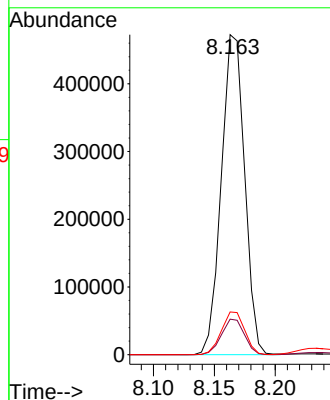
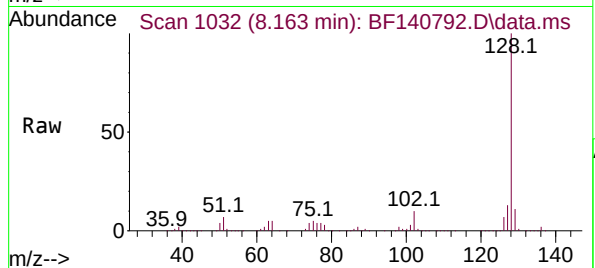
127 13.3 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#32

Benzoic acid

Concen: 48.632 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

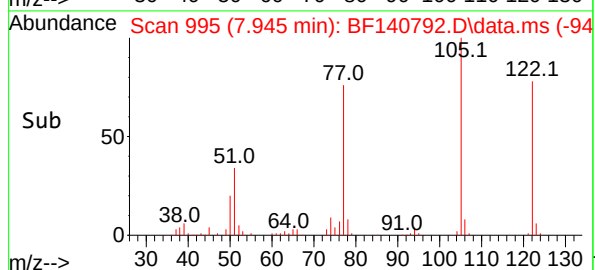
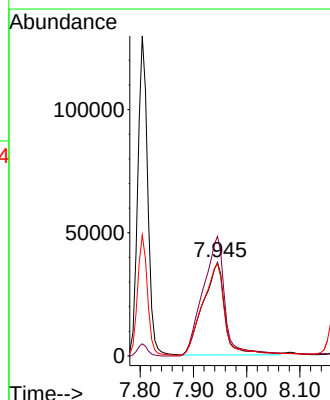
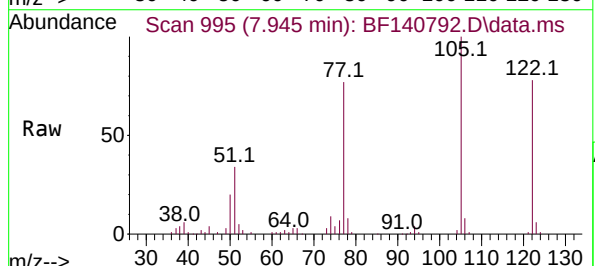
Tgt Ion:122 Resp: 107082

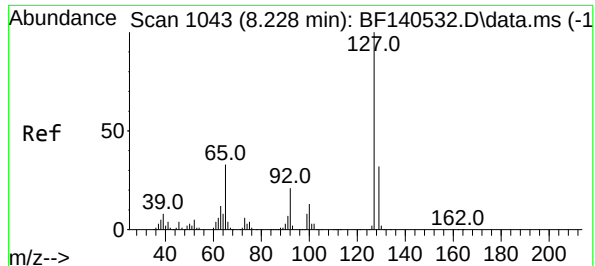
Ion Ratio Lower Upper

122 100

105 127.9 109.3 149.3

77 98.6 82.3 122.3





#33

4-Chloroaniline

Concen: 8.480 ng

RT: 8.233 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:127 Resp: 30810

Ion Ratio Lower Upper

127 100

129 33.1 26.0 39.0

65 32.2 26.0 39.0

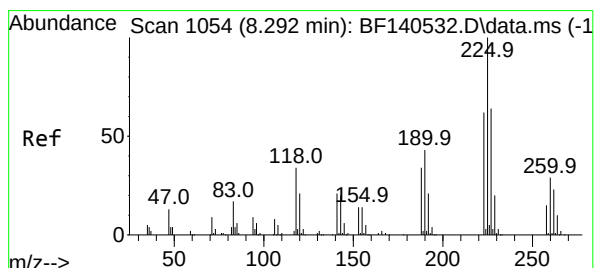
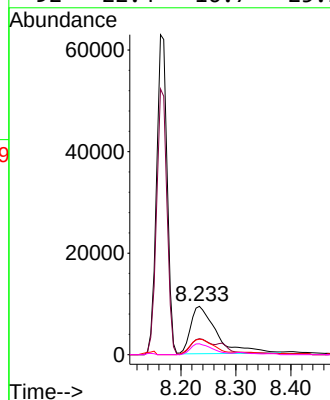
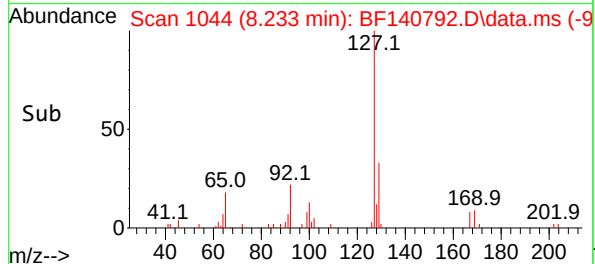
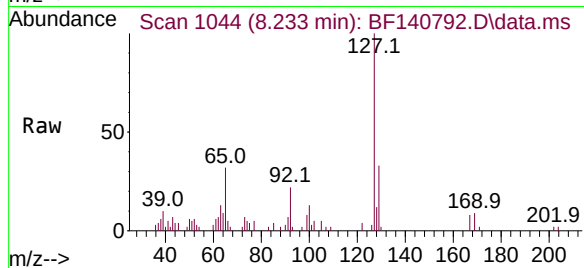
92 22.4 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#34

Hexachlorobutadiene

Concen: 48.403 ng

RT: 8.275 min Scan# 1051

Delta R.T. -0.018 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

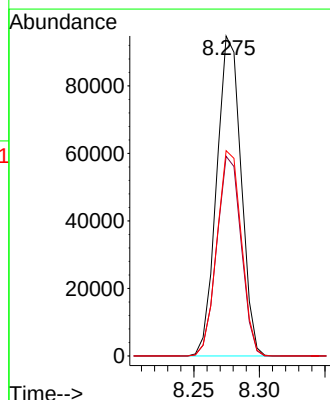
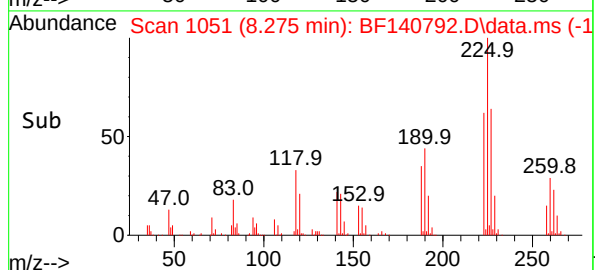
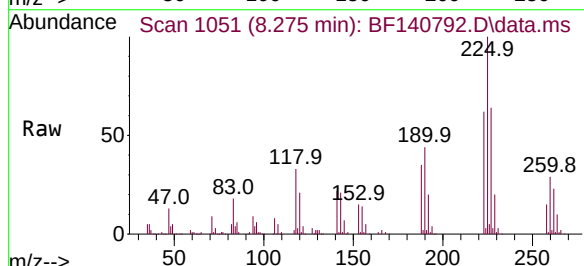
Tgt Ion:225 Resp: 122451

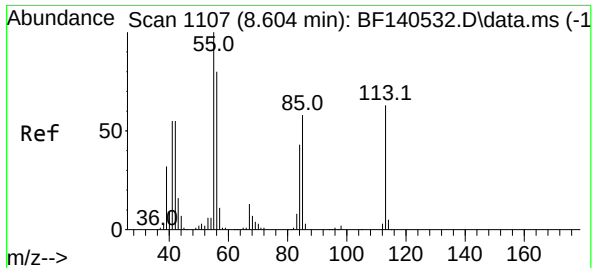
Ion Ratio Lower Upper

225 100

223 62.4 49.8 74.8

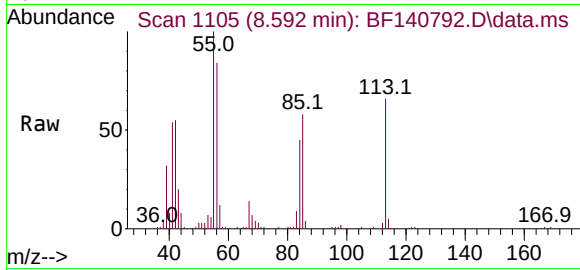
227 64.1 51.3 76.9





#35
Caprolactam
Concen: 45.418 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

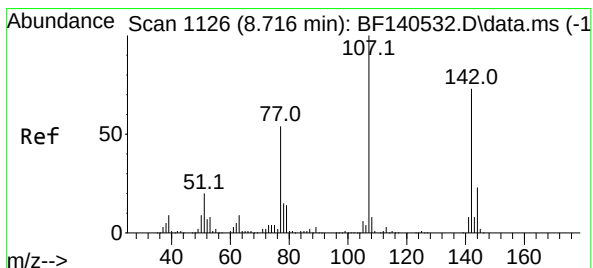
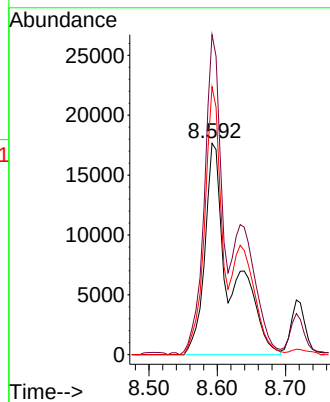
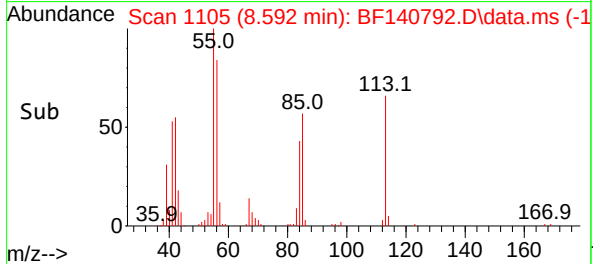
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:113 Resp: 47018
Ion Ratio Lower Upper
113 100
55 151.4 137.7 177.7
56 126.7 106.4 146.4

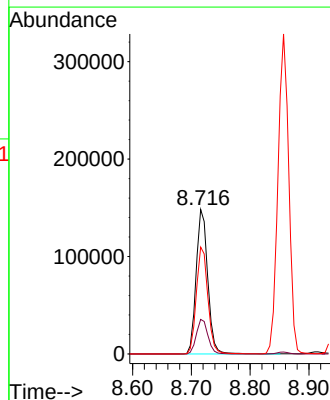
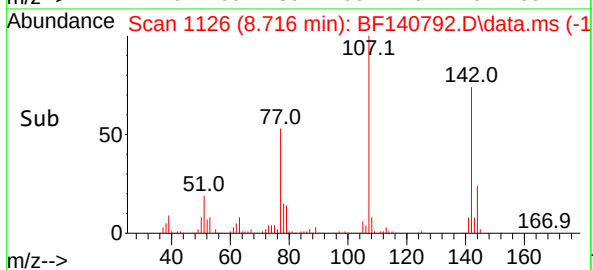
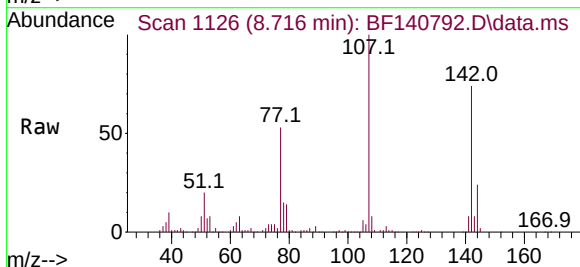
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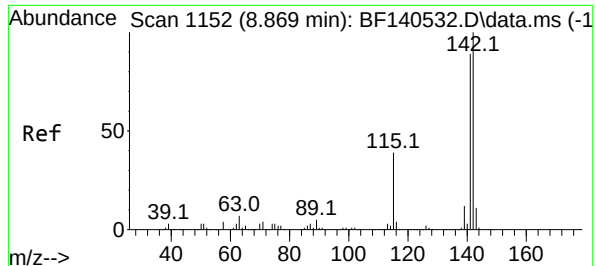
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 54.223 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:107 Resp: 203086
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 73.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 54.546 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:142 Resp: 420498

Ion Ratio Lower Upper

142 100

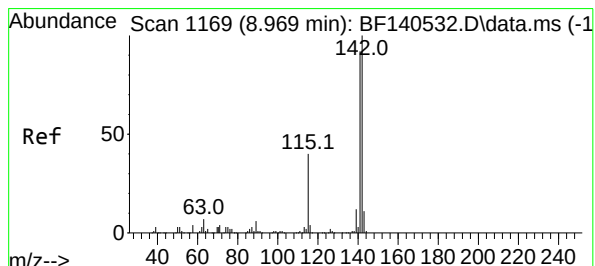
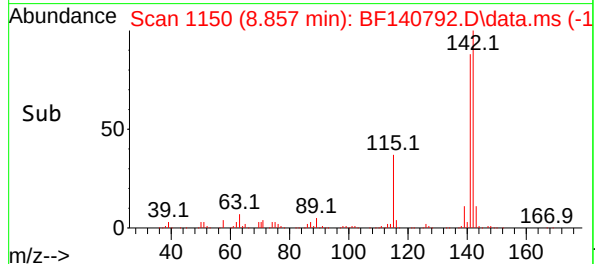
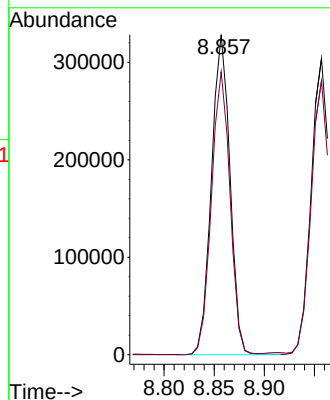
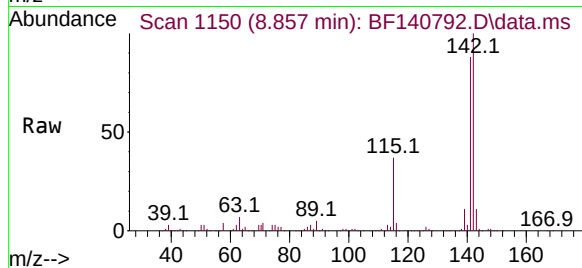
141 88.4 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#38

1-Methylnaphthalene

Concen: 51.228 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140792.D

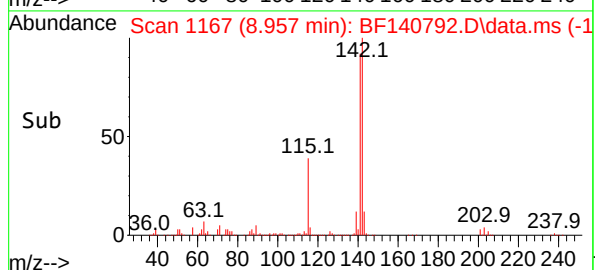
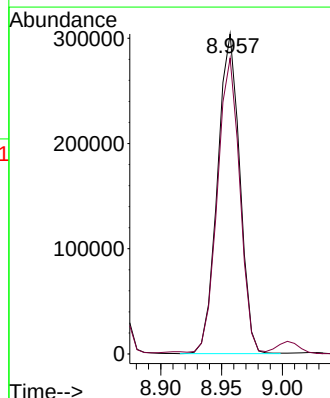
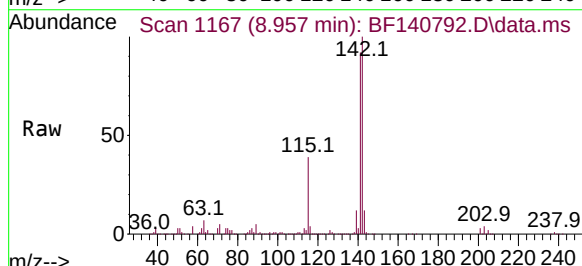
Acq: 09 Dec 2024 16:22

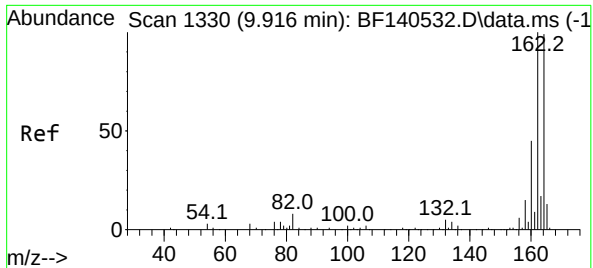
Tgt Ion:142 Resp: 387103

Ion Ratio Lower Upper

142 100

141 92.4 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:164 Resp: 128638

Ion Ratio Lower Upper

164 100

162 98.5 80.6 120.8

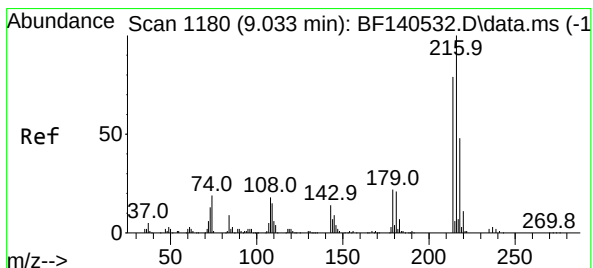
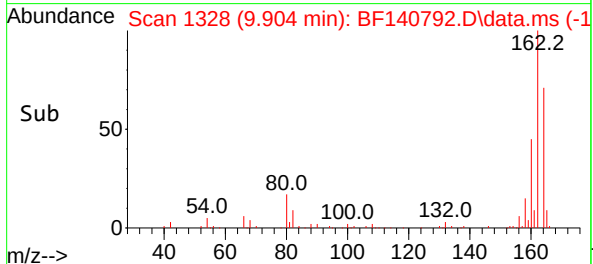
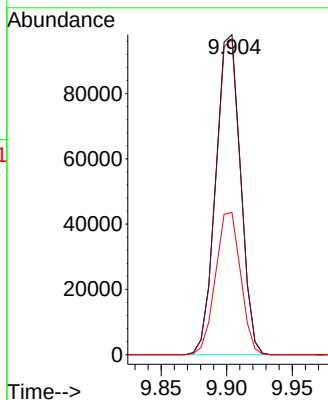
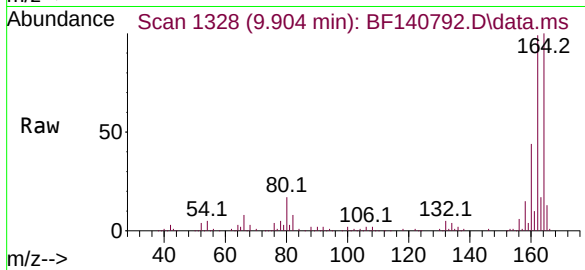
160 44.5 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.074 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:216 Resp: 207401

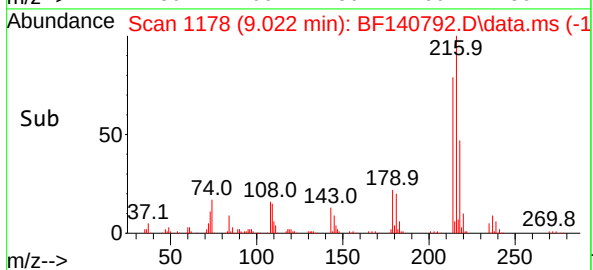
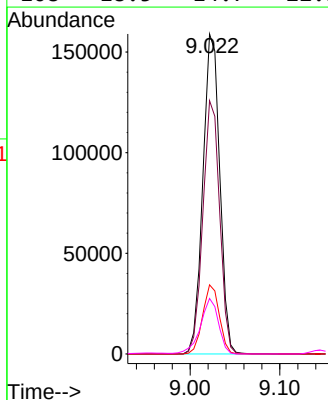
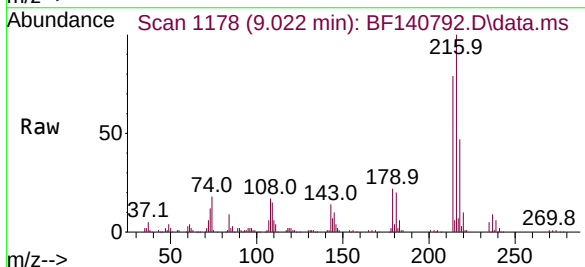
Ion Ratio Lower Upper

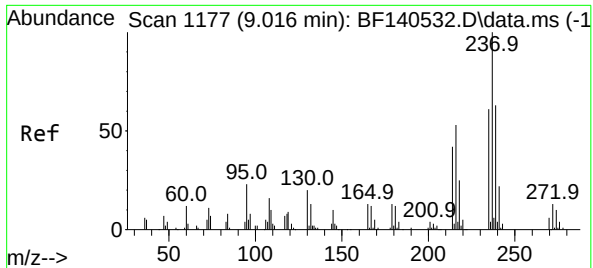
216 100

214 78.7 63.0 94.4

179 21.3 17.5 26.3

108 18.5 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 136.135 ng

RT: 9.004 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:237 Resp: 12000

Ion Ratio Lower Upper

237 100

235 62.2 41.1 81.1

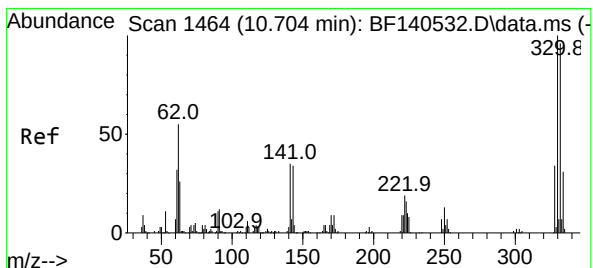
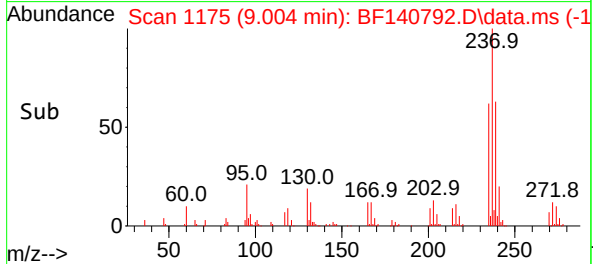
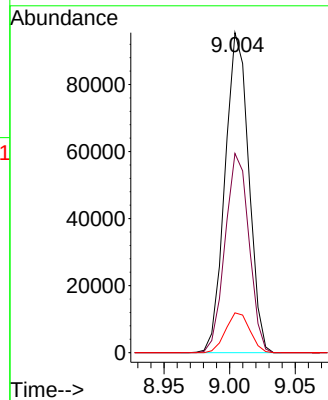
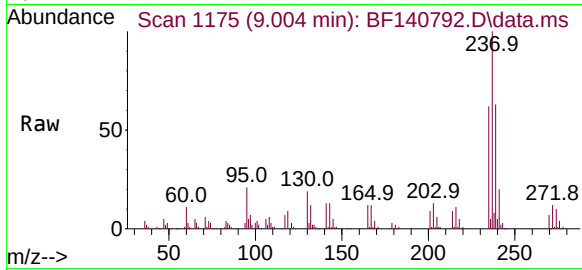
272 12.4 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#42

2,4,6-Tribromophenol

Concen: 166.282 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

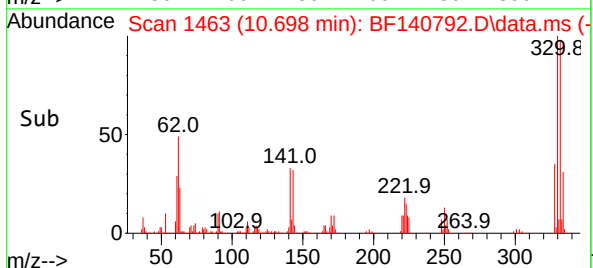
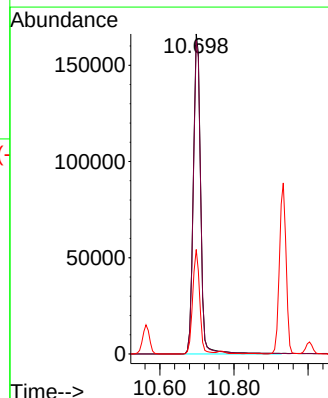
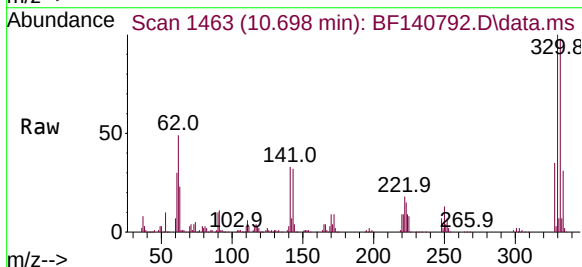
Tgt Ion:330 Resp: 228769

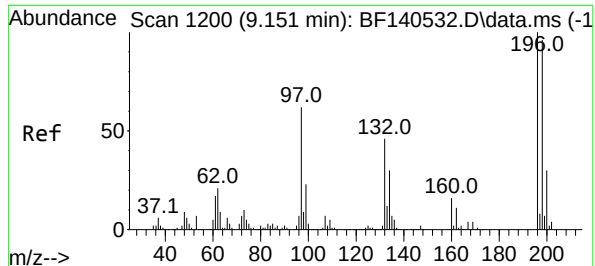
Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

141 31.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 55.066 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:196 Resp: 130124

Ion Ratio Lower Upper

196 100

198 95.3 76.8 115.2

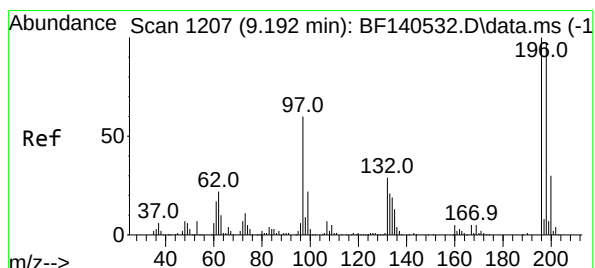
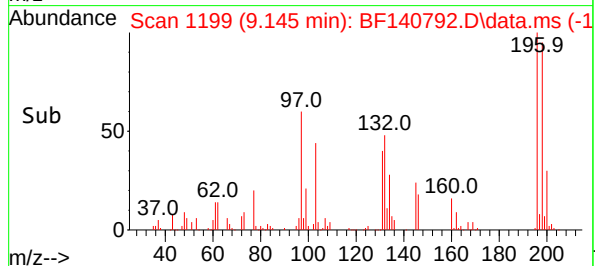
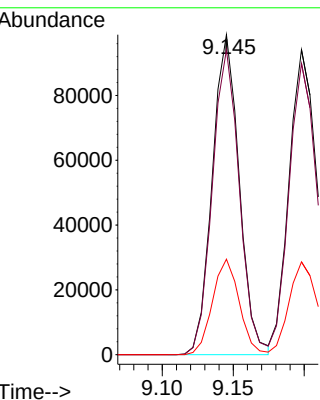
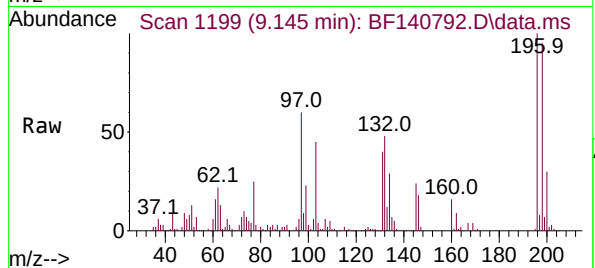
200 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 53.820 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:196 Resp: 138026

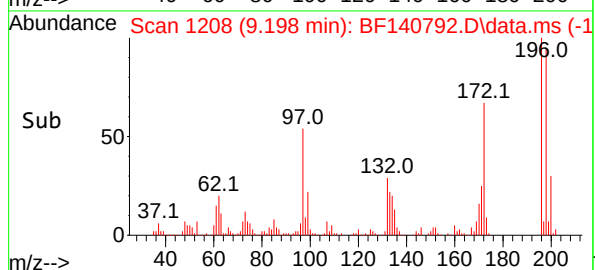
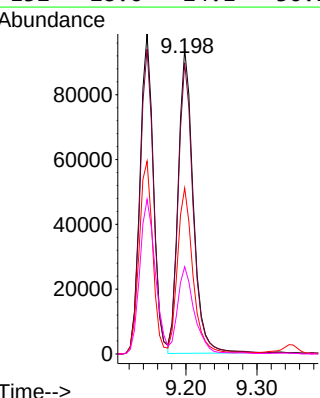
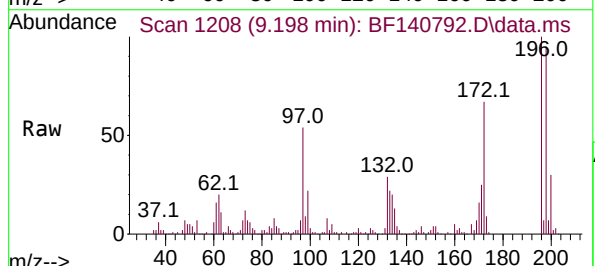
Ion Ratio Lower Upper

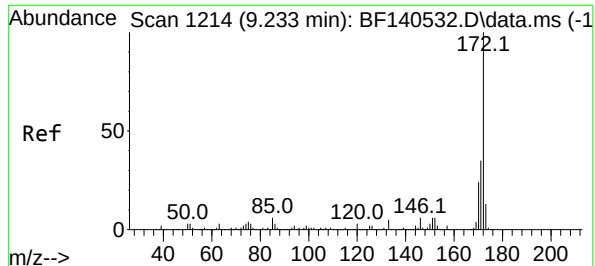
196 100

198 95.5 77.2 115.8

97 54.4 47.1 70.7

132 28.6 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 111.582 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:172 Resp: 96336

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

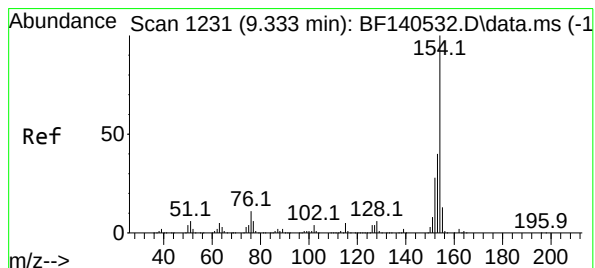
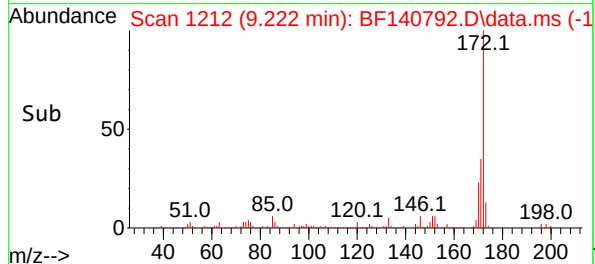
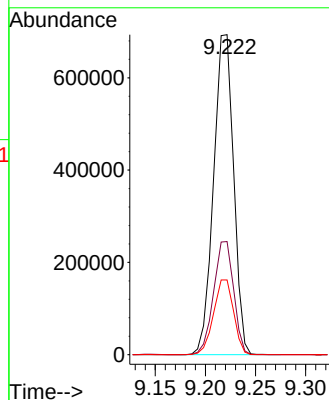
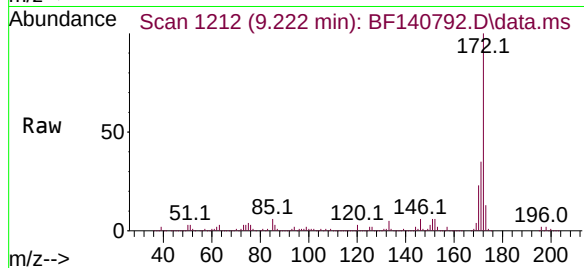
170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 54.781 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

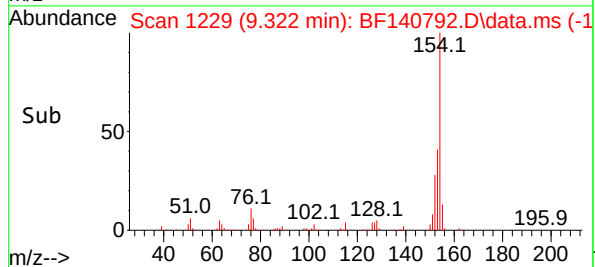
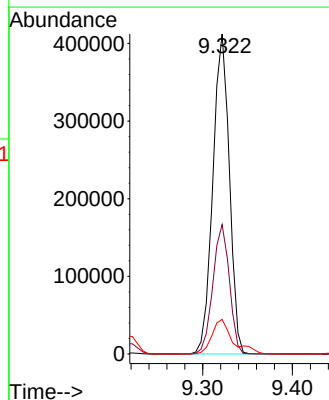
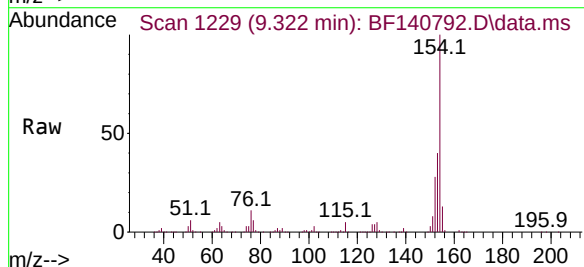
Tgt Ion:154 Resp: 526128

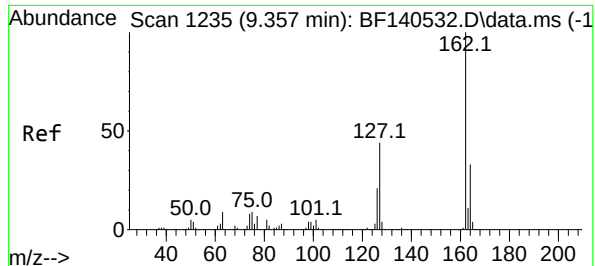
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 10.8 0.0 31.2





#47

2-Chloronaphthalene

Concen: 53.992 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:162 Resp: 392918

Ion Ratio Lower Upper

162 100

127 43.0 35.7 53.5

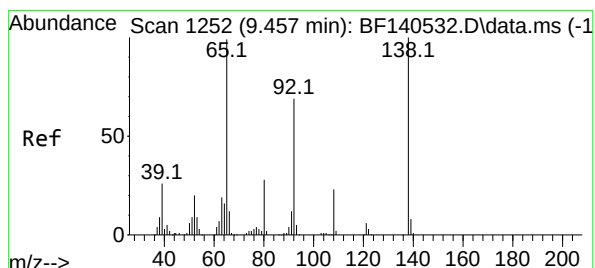
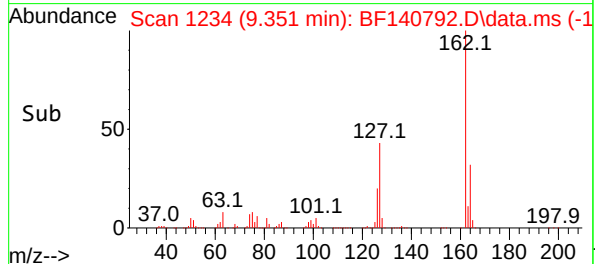
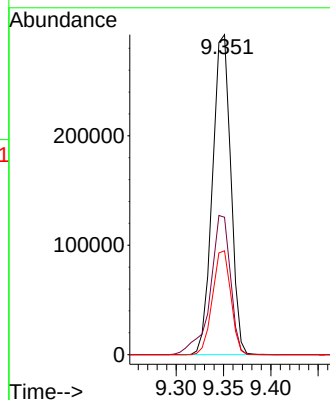
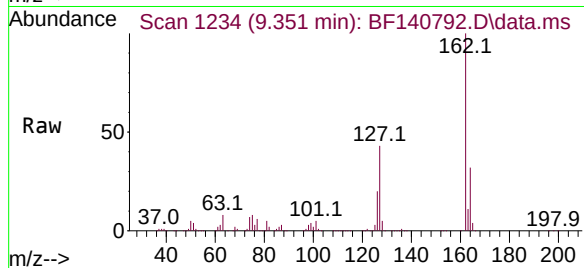
164 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 53.912 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

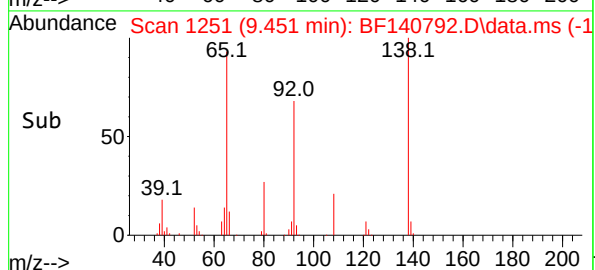
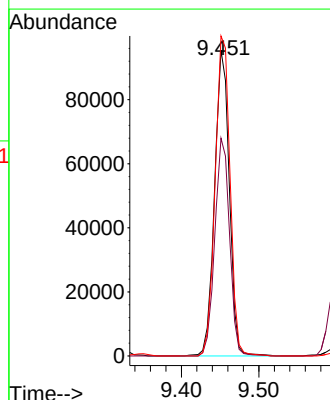
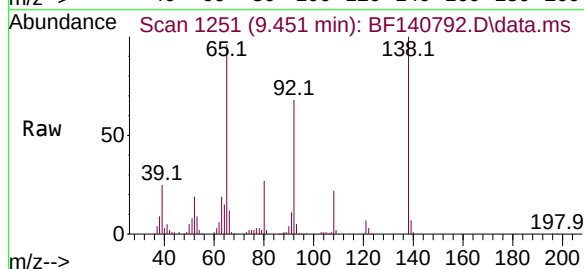
Tgt Ion: 65 Resp: 125933

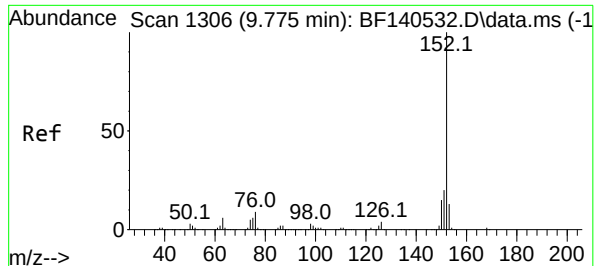
Ion Ratio Lower Upper

65 100

92 71.3 56.1 84.1

138 104.7 81.0 121.6





#49

Acenaphthylene

Concen: 57.980 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:152 Resp: 637528

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

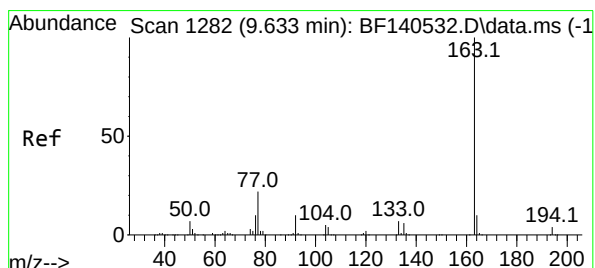
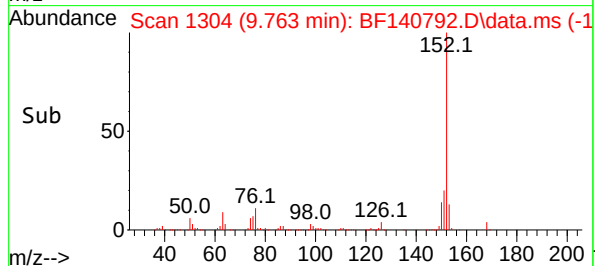
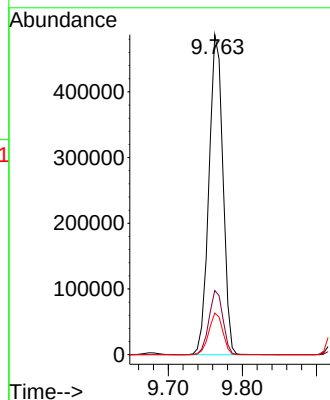
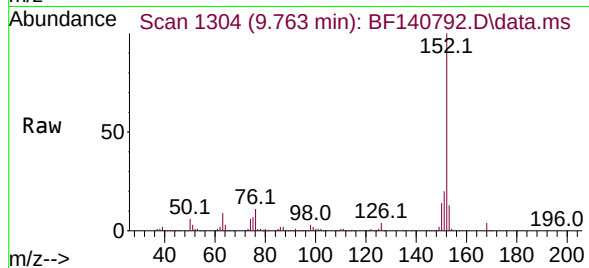
153 13.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#50

Dimethylphthalate

Concen: 56.944 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

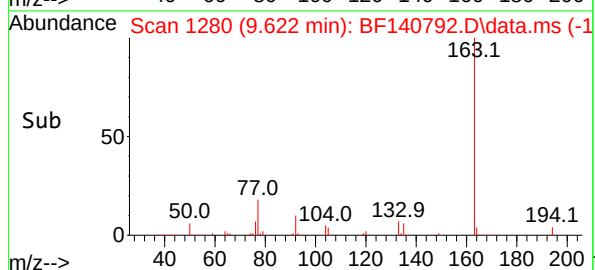
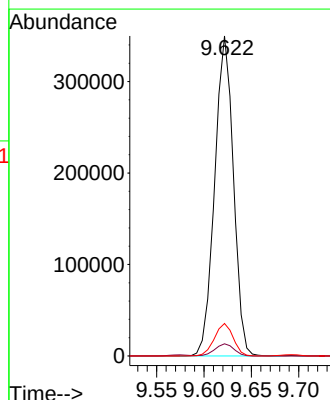
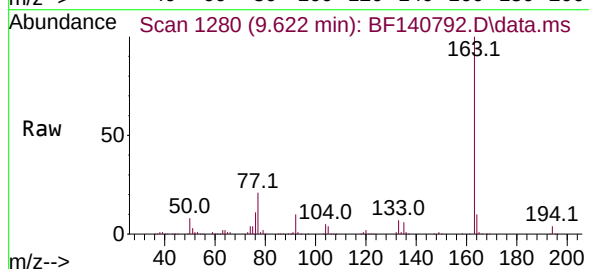
Tgt Ion:163 Resp: 482427

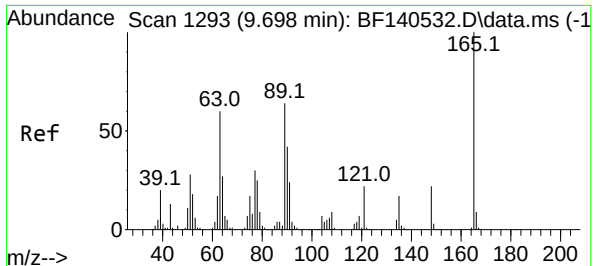
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

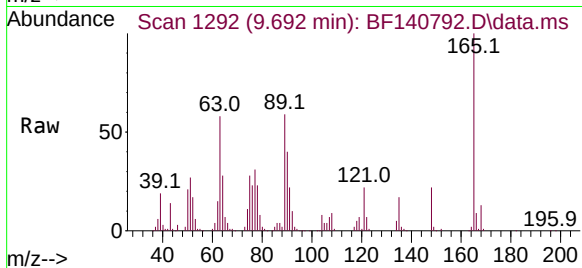
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.618 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

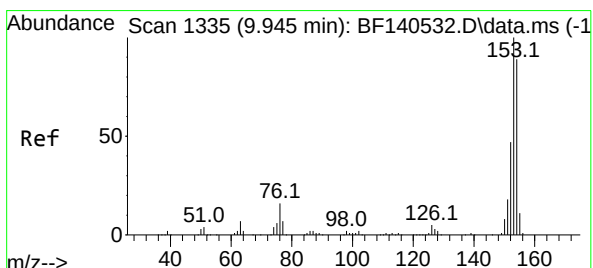
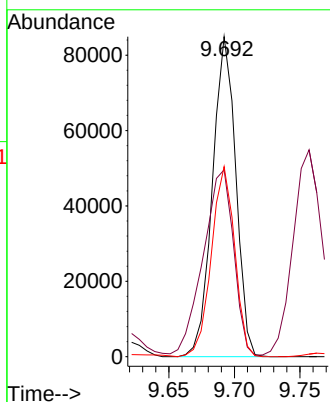
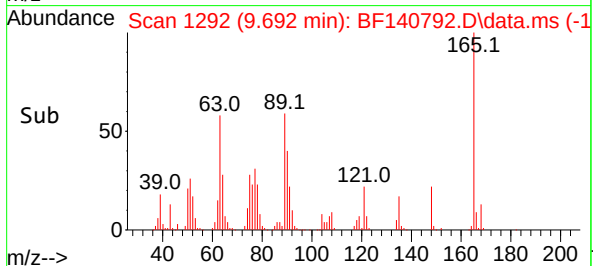
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



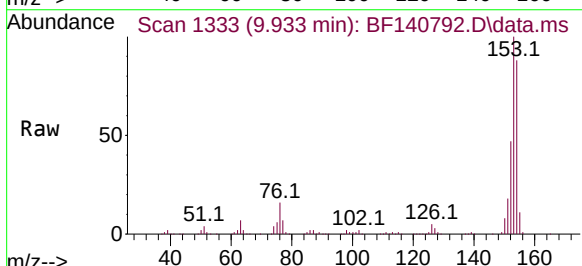
Tgt Ion:165 Resp: 10494
Ion Ratio Lower Upper
165 100
63 58.4 49.9 74.9
89 59.4 50.9 76.3

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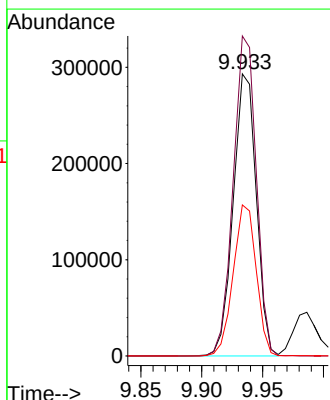
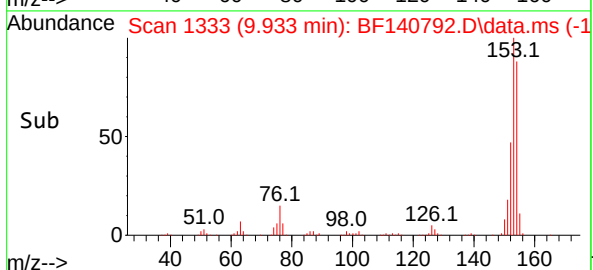
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

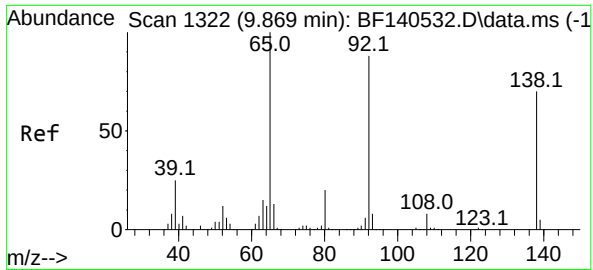


#52
Acenaphthene
Concen: 55.444 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:154 Resp: 387362
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 53.5 42.5 63.7





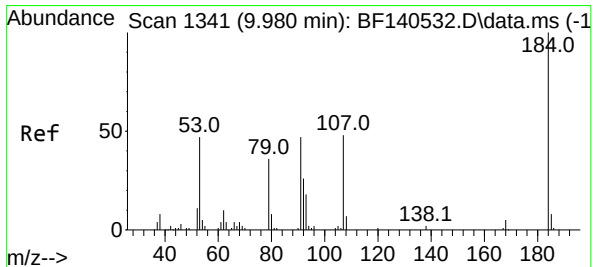
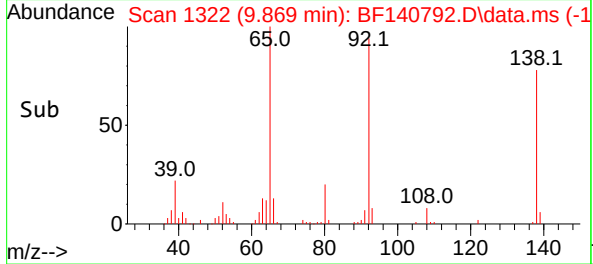
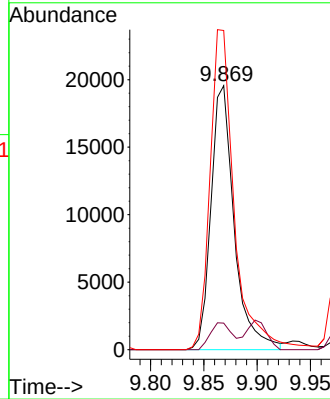
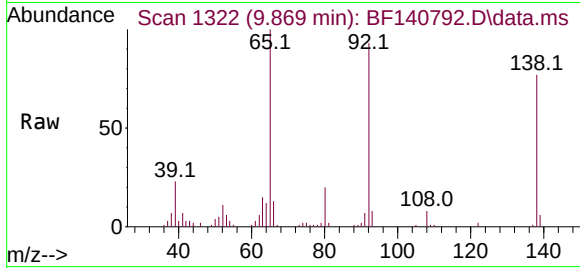
#53
3-Nitroaniline
Concen: 15.785 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:138 Resp: 2966
Ion Ratio Lower Upper
138 100
108 10.0 9.2 13.8
92 120.9 100.6 150.8

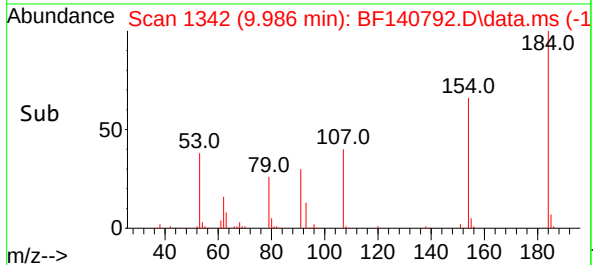
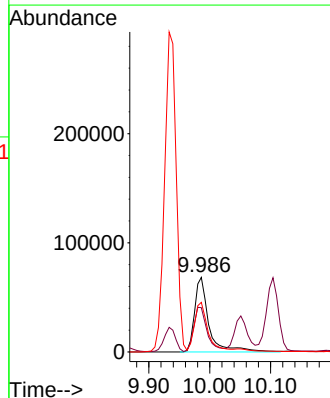
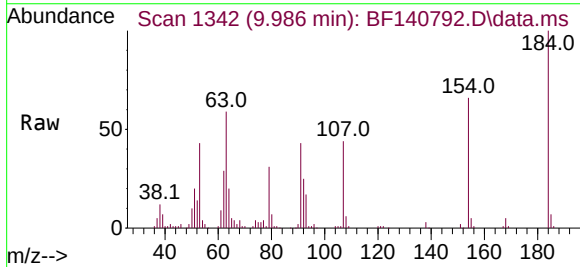
Manual Integrations
APPROVED

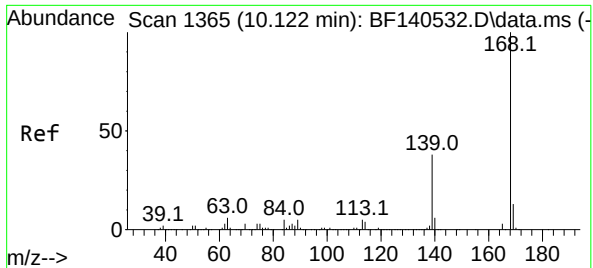
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#54
2,4-Dinitrophenol
Concen: 109.354 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:184 Resp: 111985
Ion Ratio Lower Upper
184 100
63 59.4 54.1 81.1
154 66.5 57.4 86.0





#55

Dibenzenofuran

Concen: 55.649 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:168 Resp: 59303

Ion Ratio Lower Upper

168 100

139 39.5 31.3 46.9

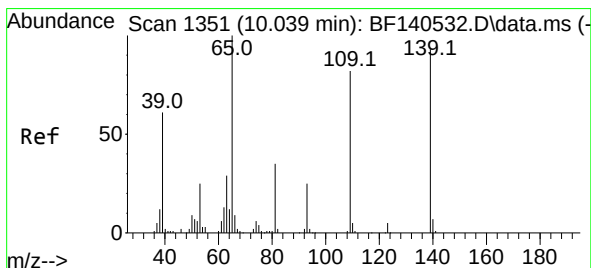
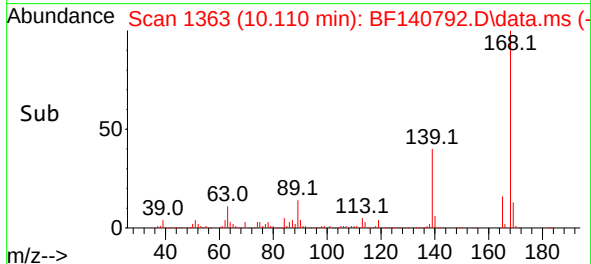
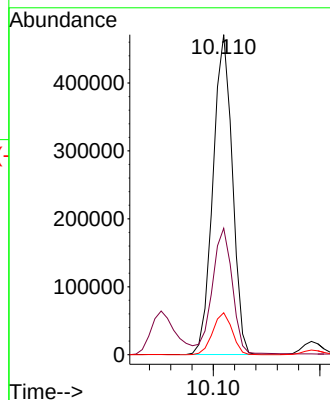
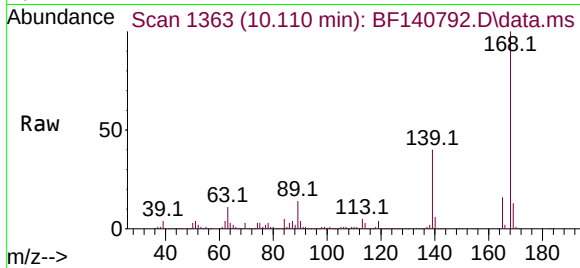
169 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#56

4-Nitrophenol

Concen: 81.614 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

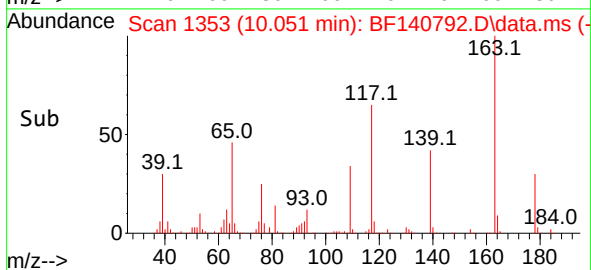
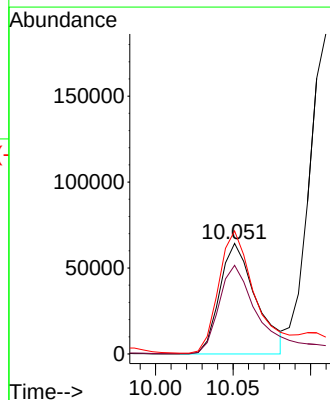
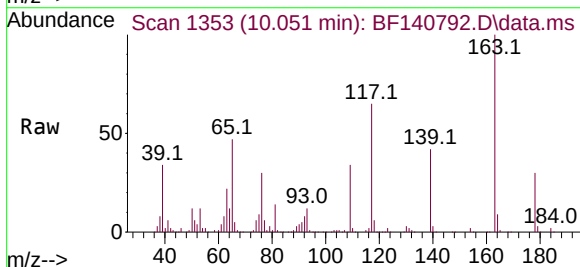
Tgt Ion:139 Resp: 104599

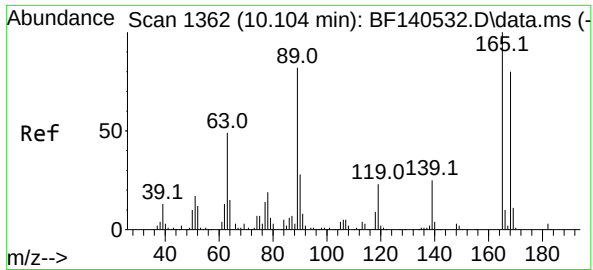
Ion Ratio Lower Upper

139 100

109 80.2 68.4 108.4

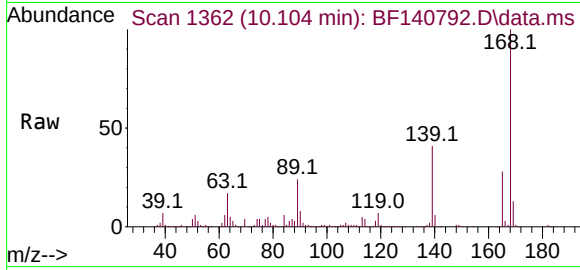
65 111.3 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 55.188 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

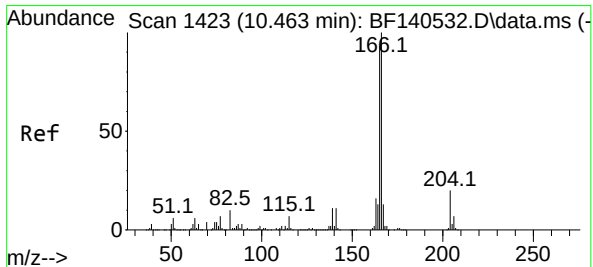
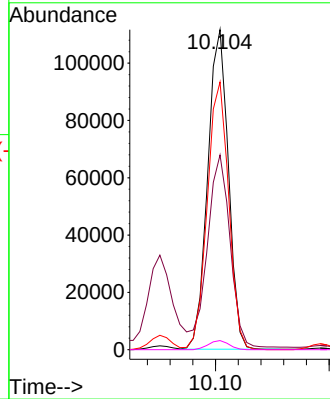
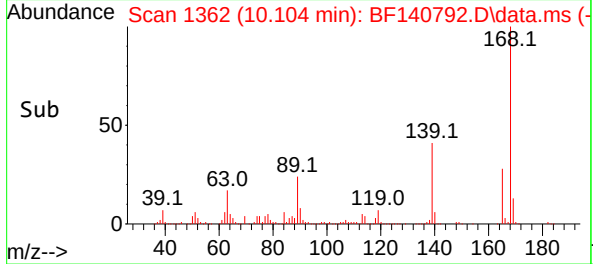
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:165 Resp: 140928
Ion Ratio Lower Upper
165 100
63 60.9 41.7 62.5
89 83.7 65.8 98.8
182 2.9 2.1 3.1

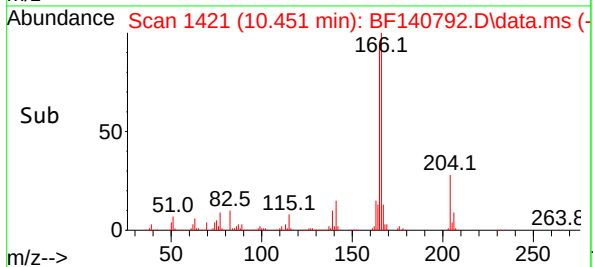
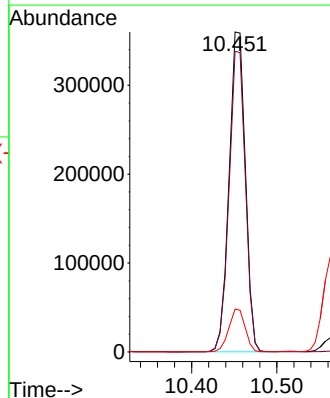
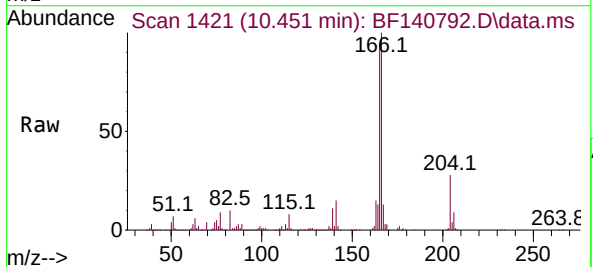
Manual Integrations
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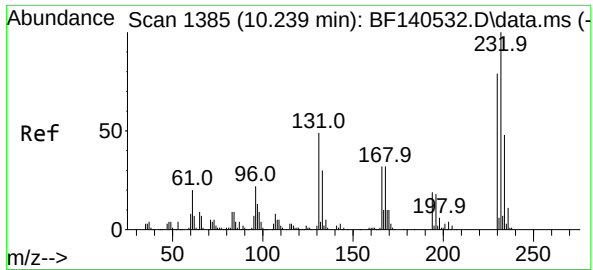
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#58
Fluorene
Concen: 55.948 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

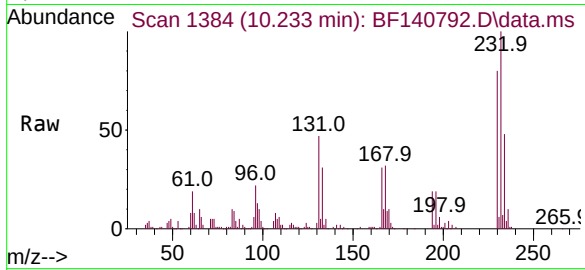
Tgt Ion:166 Resp: 478571
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.627 ng
RT: 10.233 min Scan# 11949
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

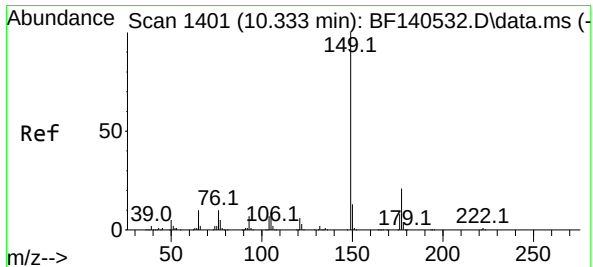
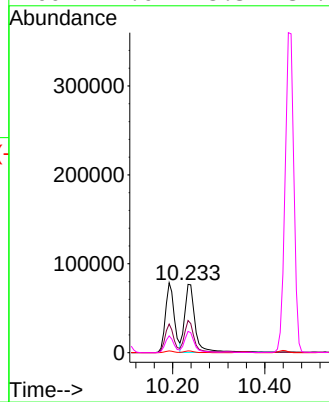
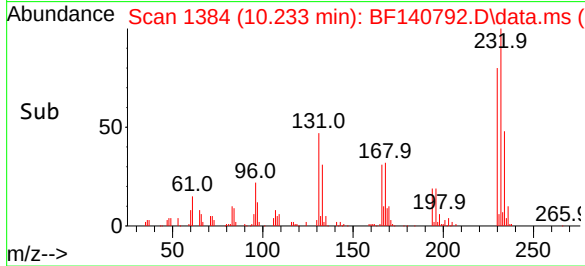
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:232 Resp: 11949
Ion Ratio Lower Upper
232 100
131 41.0 39.6 59.4
130 2.5 1.9 2.9
166 27.6 25.3 37.9

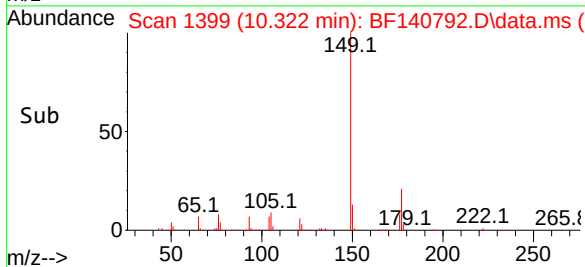
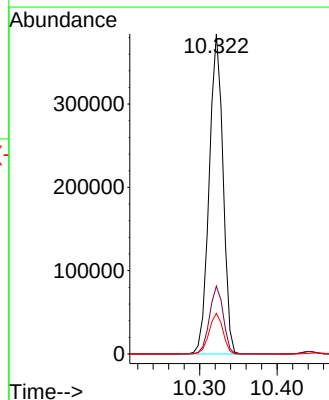
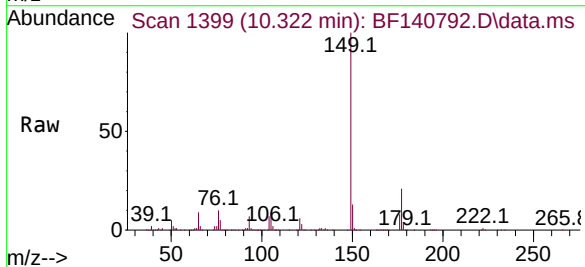
Manual Integrations
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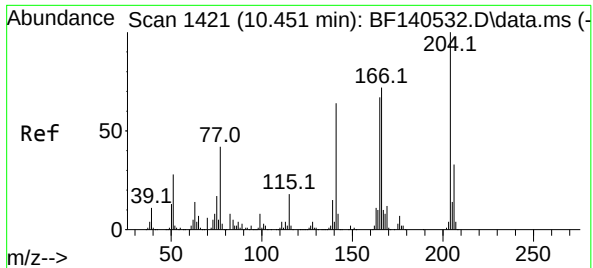
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 55.286 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

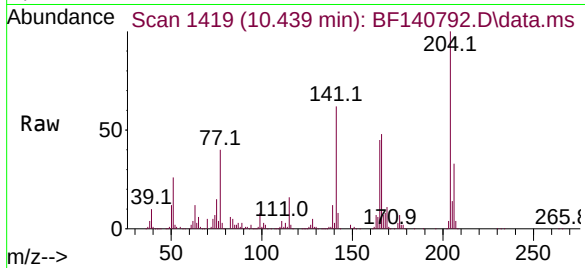
Tgt Ion:149 Resp: 475891
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 55.858 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

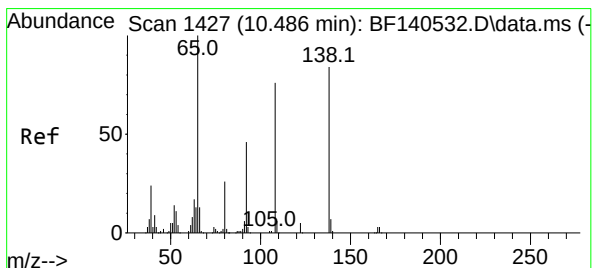
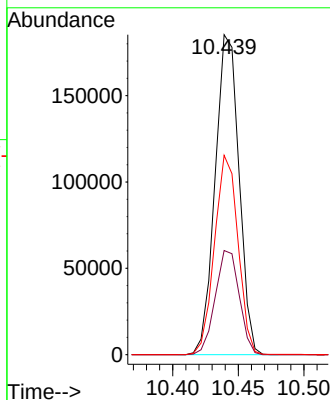
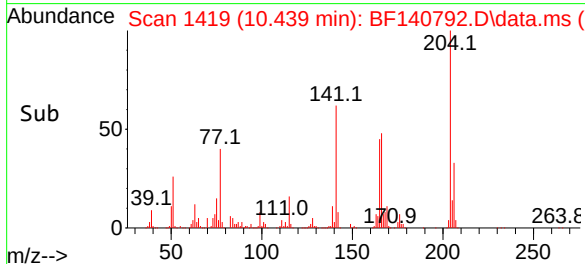
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:204 Resp: 23448
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.3 51.1 76.7

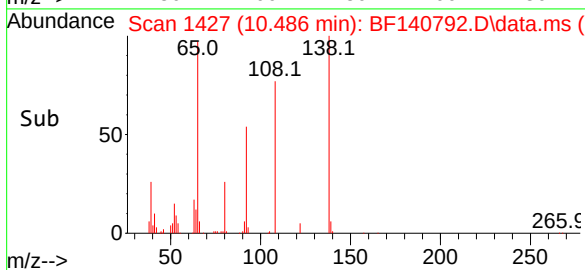
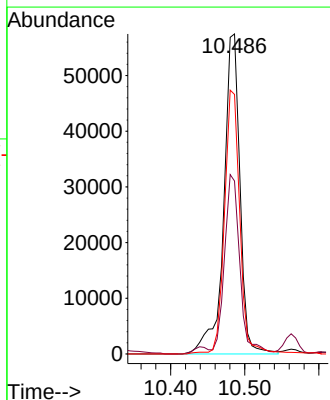
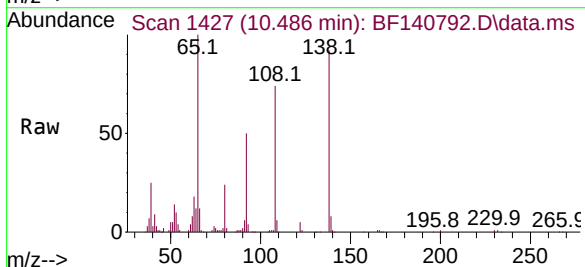
Manual Integrations
APPROVED

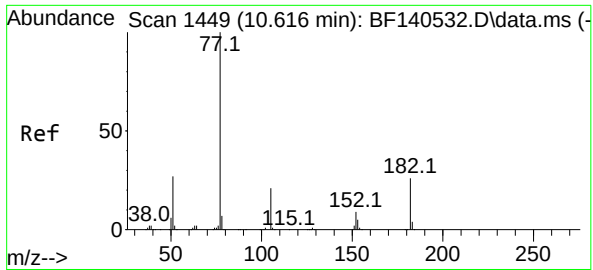
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 44.410 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

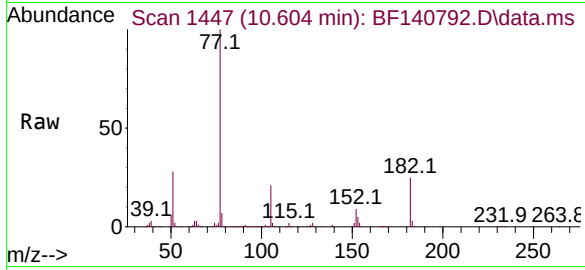
Tgt Ion:138 Resp: 87530
Ion Ratio Lower Upper
138 100
92 54.0 34.5 74.5
108 81.1 70.6 110.6





#63
Azobenzene
Concen: 55.175 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

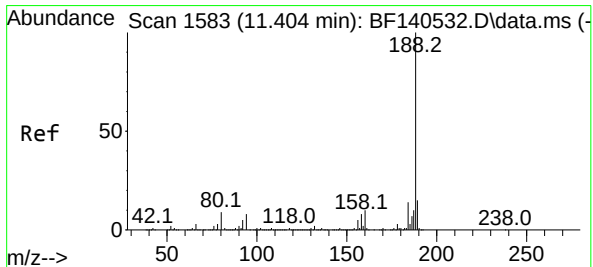
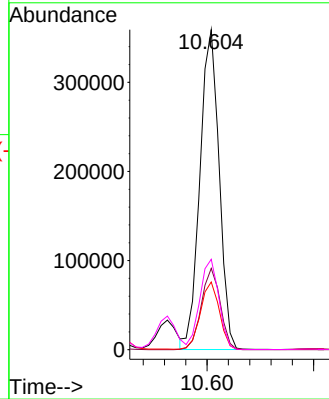
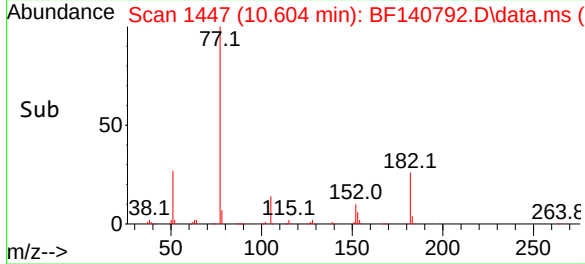
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion: 77 Resp: 449754
Ion Ratio Lower Upper
77 100
182 25.4 5.3 45.3
105 21.1 0.3 40.3
51 28.2 9.4 49.4

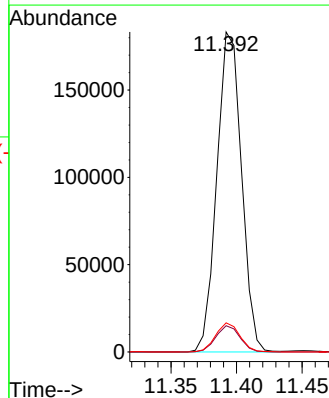
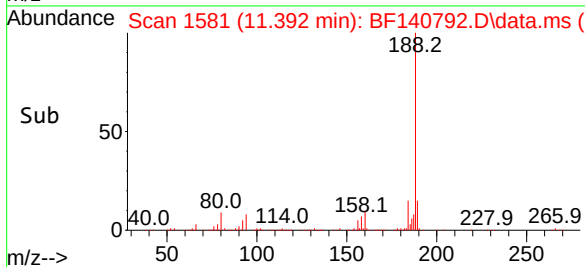
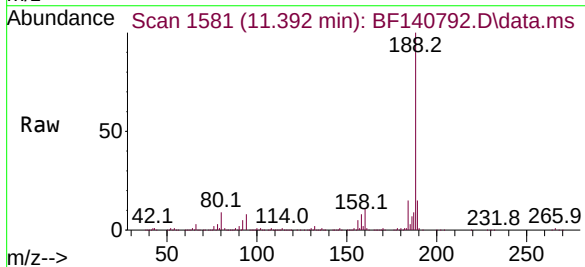
Manual Integrations
APPROVED

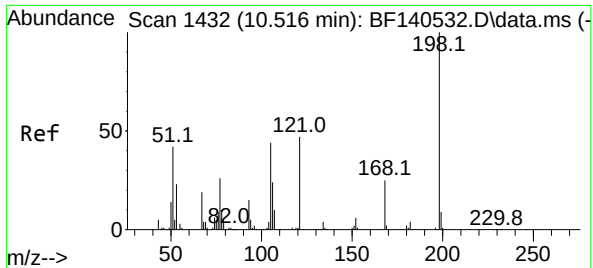
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:188 Resp: 239472
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.1 6.9 10.3





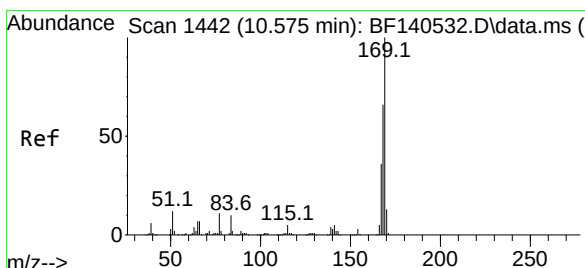
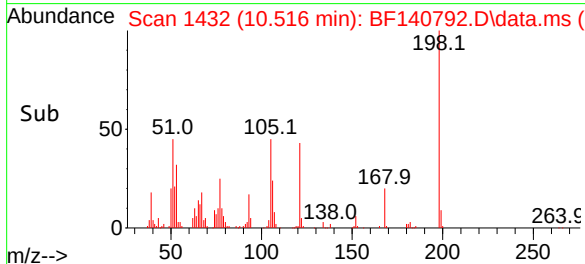
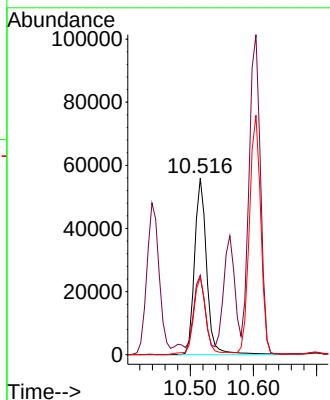
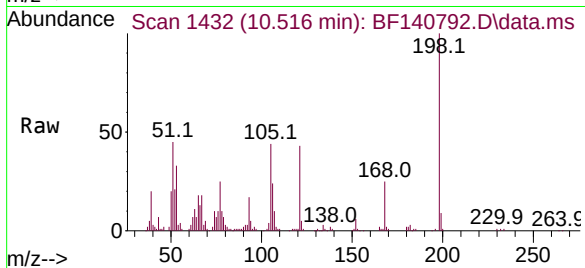
#65
4,6-Dinitro-2-methylphenol
Concen: 60.732 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:198 Resp: 74319
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 44.0 25.4 65.4

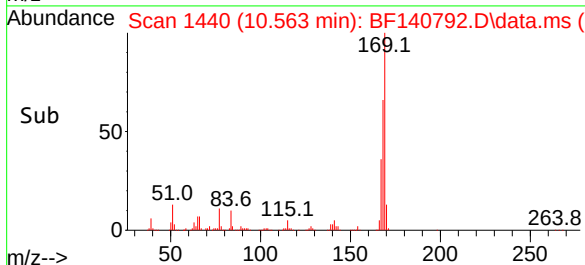
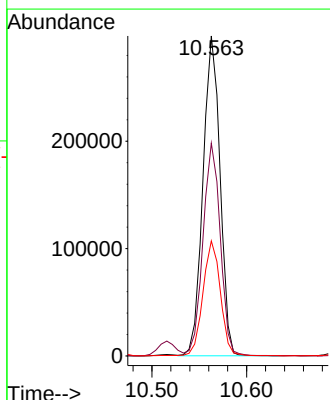
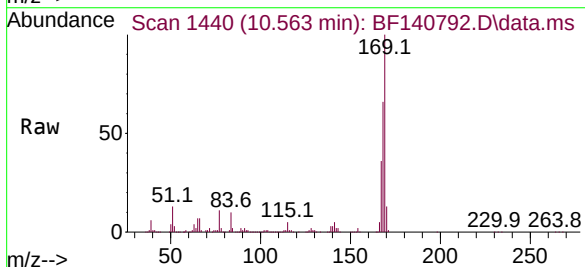
Manual Integrations
APPROVED

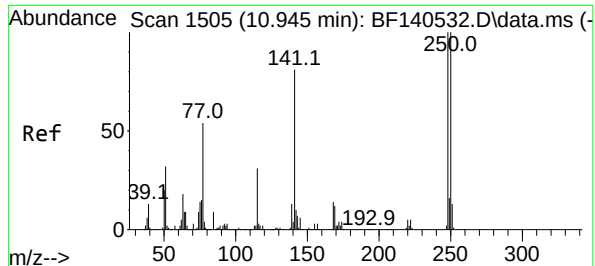
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 52.516 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

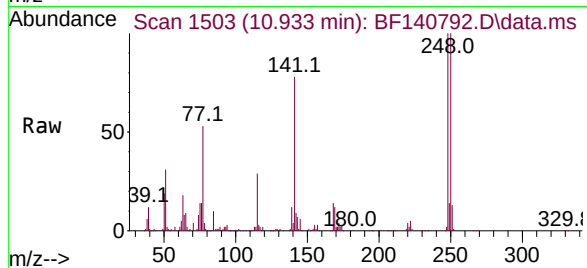
Tgt Ion:169 Resp: 371906
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 55.985 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

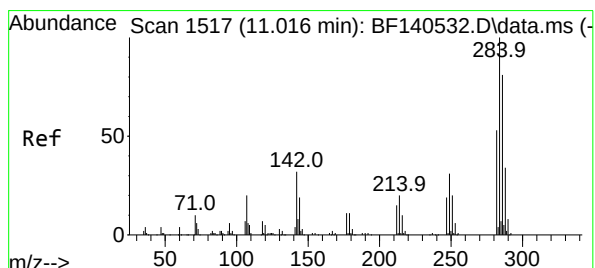
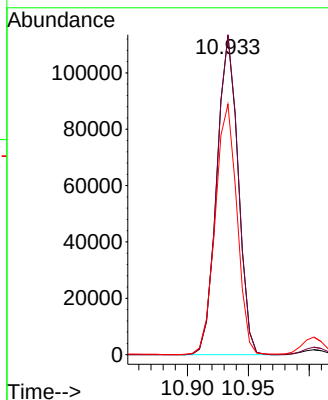
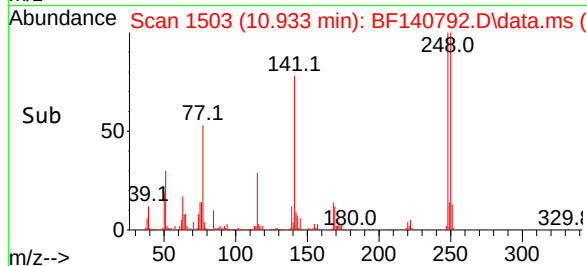
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



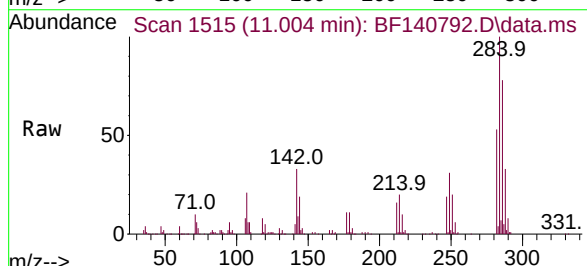
Tgt Ion:248 Resp: 138070
Ion Ratio Lower Upper
248 100
250 100.4 79.8 119.8
141 78.5 64.7 97.1

Manual Integrations
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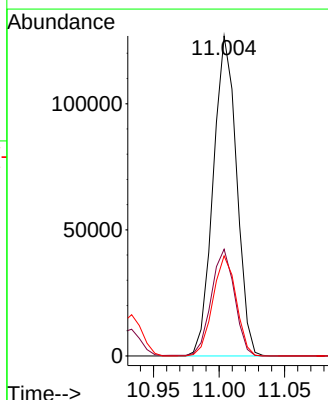
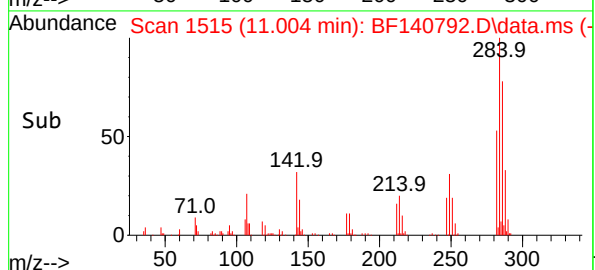
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

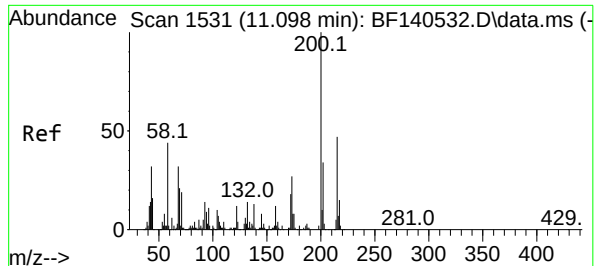


#68
Hexachlorobenzene
Concen: 55.013 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:284 Resp: 157096
Ion Ratio Lower Upper
284 100
142 33.4 25.3 37.9
249 31.3 24.8 37.2





#69

Atrazine

Concen: 40.569 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:200 Resp: 8082

Ion Ratio Lower Upper

200 100

173 25.7 7.0 47.0

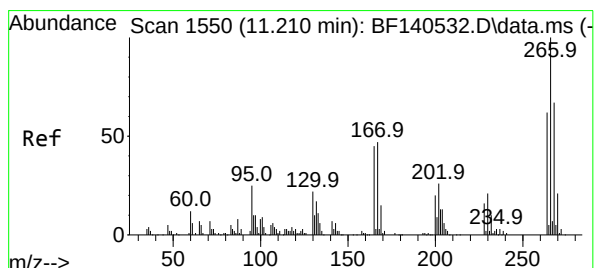
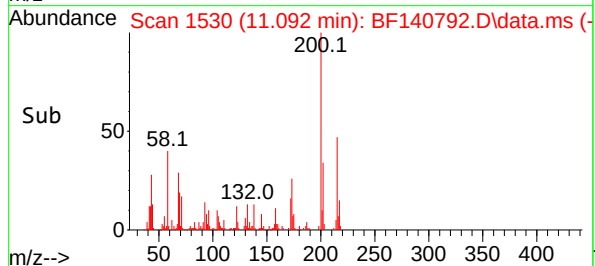
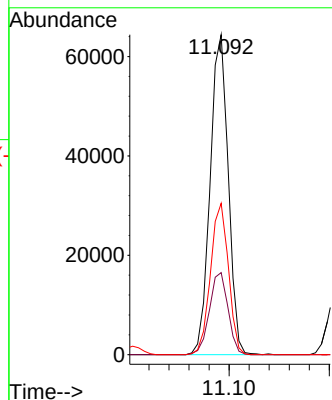
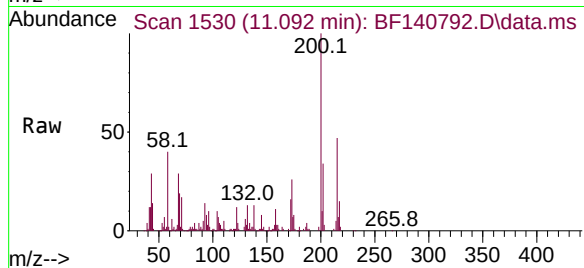
215 47.3 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 98.854 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

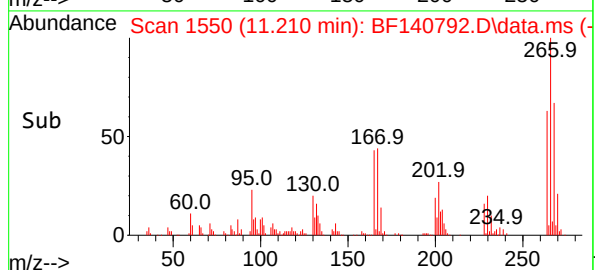
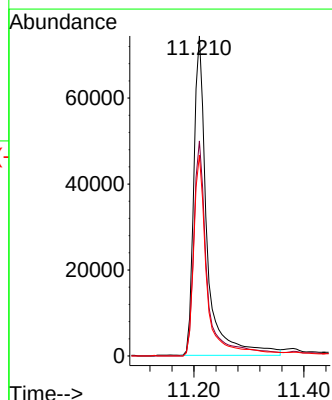
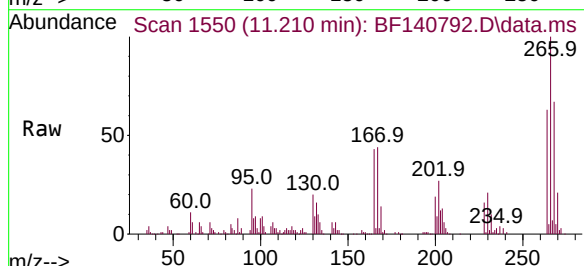
Tgt Ion:266 Resp: 124242

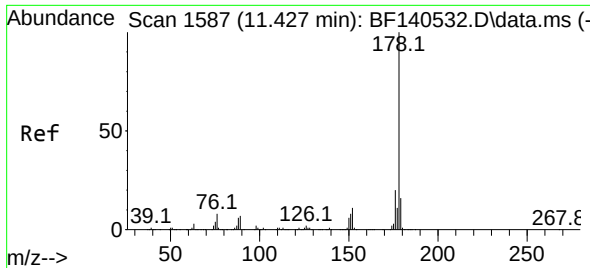
Ion Ratio Lower Upper

266 100

268 67.2 53.7 80.5

264 62.8 49.8 74.8





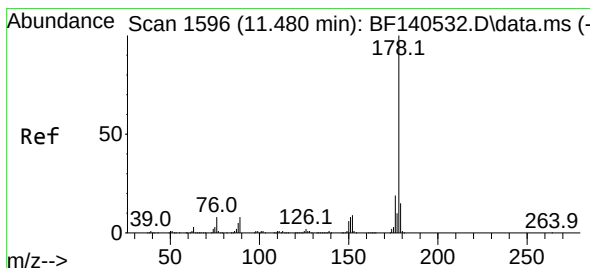
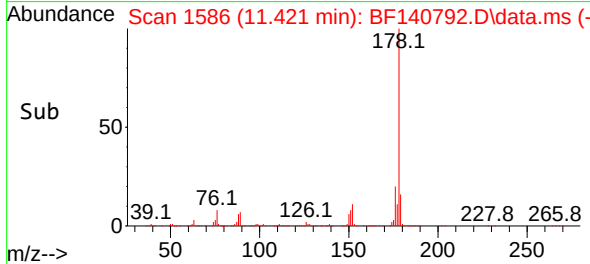
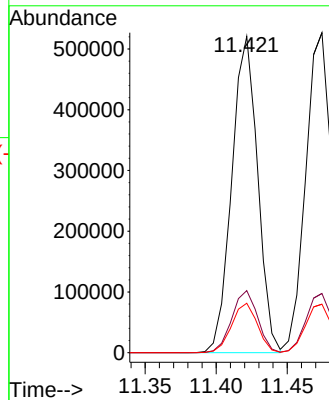
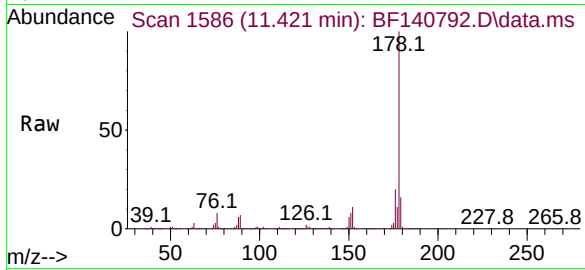
#71
Phenanthrene
Concen: 57.428 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:178 Resp: 661060
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 12.4 18.6

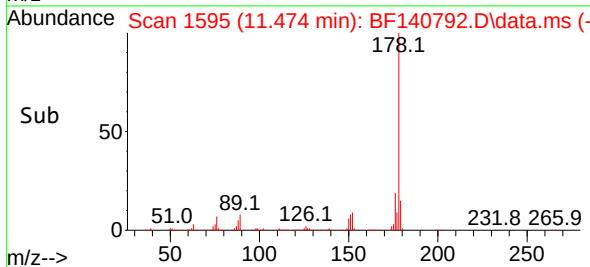
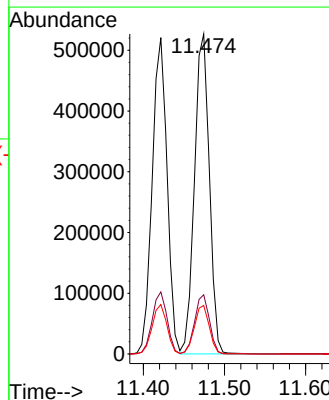
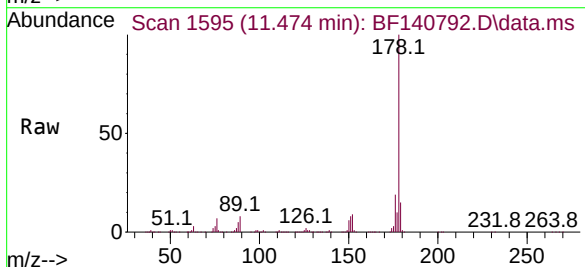
Manual Integrations
APPROVED

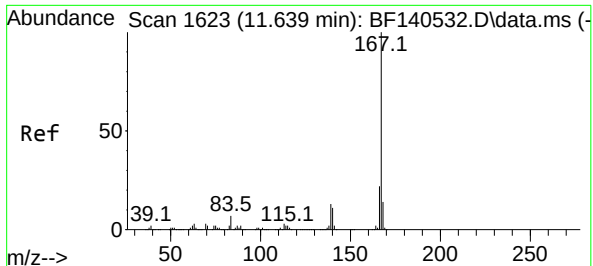
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#72
Anthracene
Concen: 59.628 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

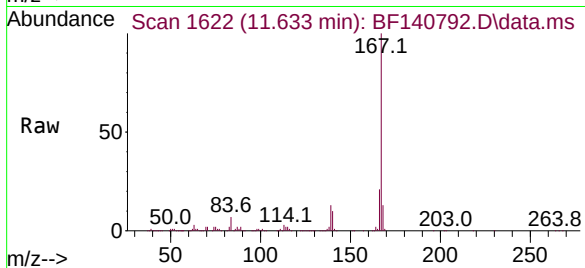
Tgt Ion:178 Resp: 671421
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.1 12.2 18.4





#73
Carbazole
Concen: 52.557 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

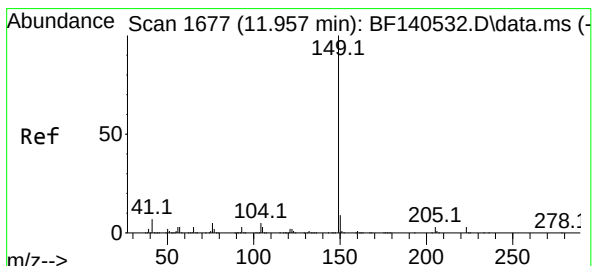
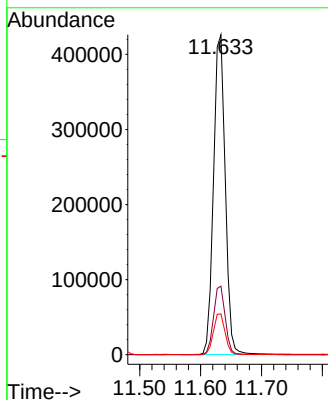
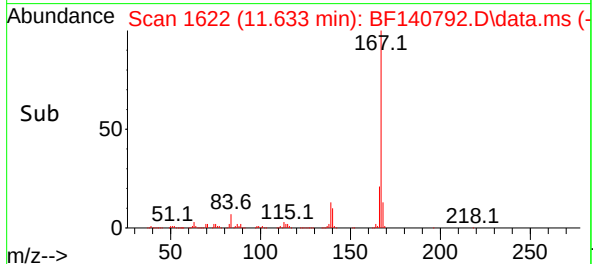
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



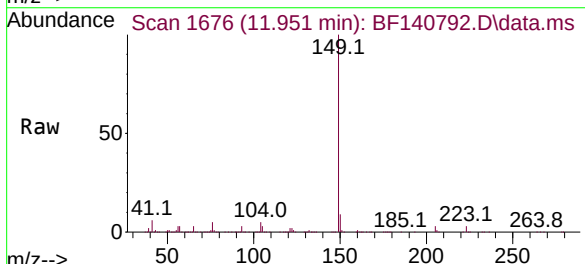
Tgt Ion:167 Resp: 569315
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.8 10.6 15.8

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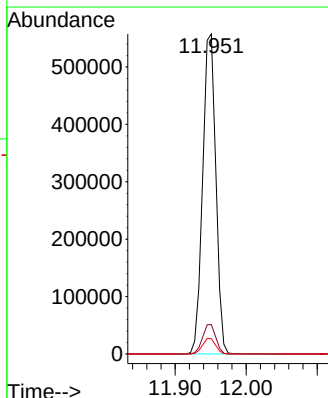
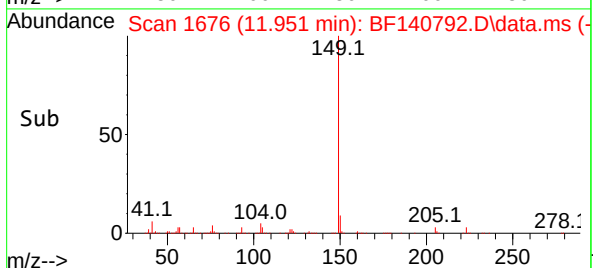
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

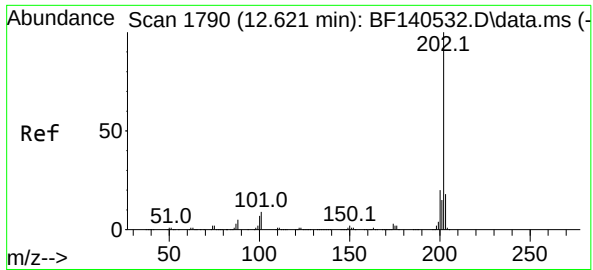


#74
Di-n-butylphthalate
Concen: 57.659 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



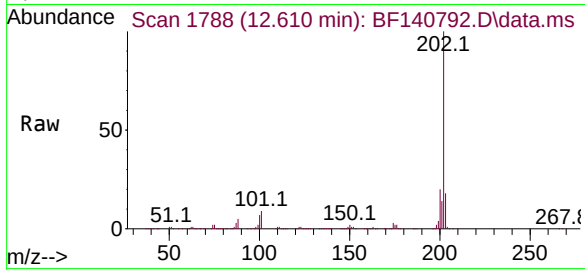
Tgt Ion:149 Resp: 721072
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 50.620 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

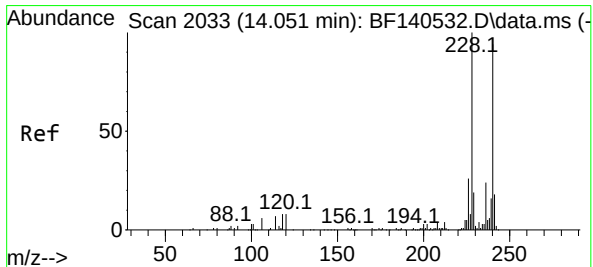
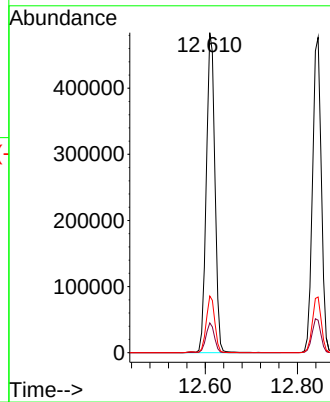
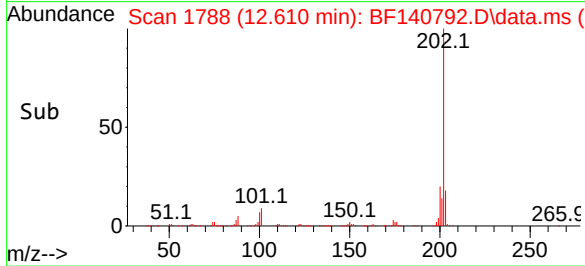
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:202 Resp: 63266
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.7 0.0 37.6

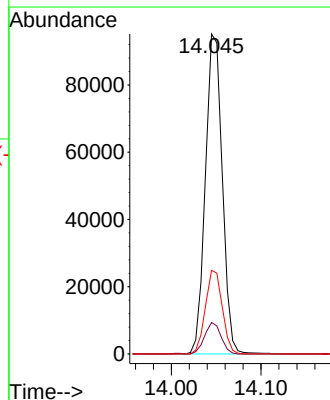
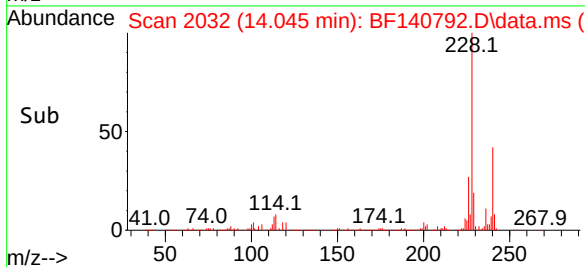
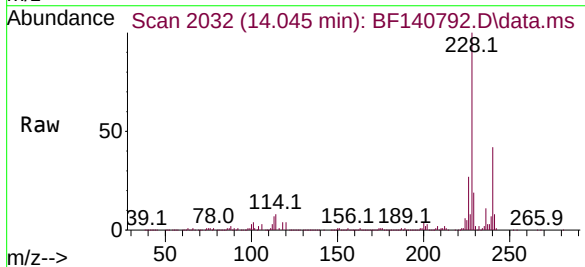
Manual Integrations
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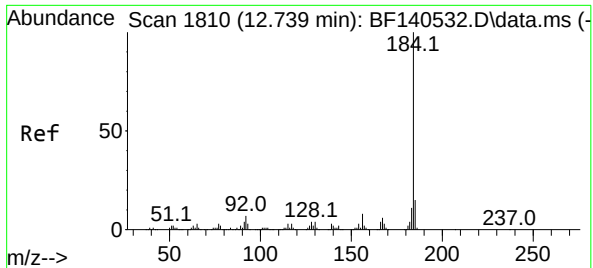
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:240 Resp: 124543
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 26.1 20.6 31.0





#77

Benzidine

Concen: 1.927 ng m

RT: 12.757 min Scan# 1813

Delta R.T. 0.018 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:184 Resp: 6978

Ion Ratio Lower Upper

184 100

185 17.9 11.7 17.5

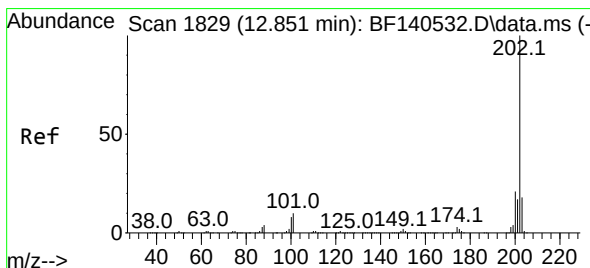
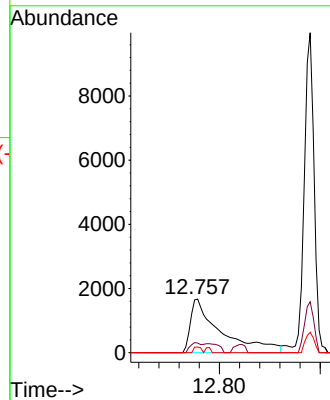
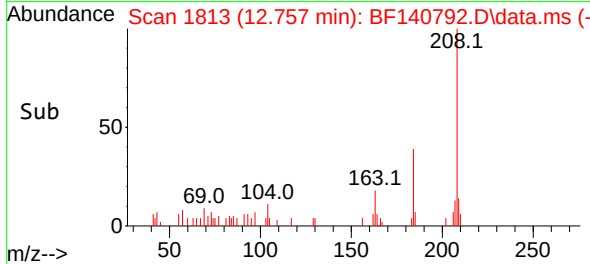
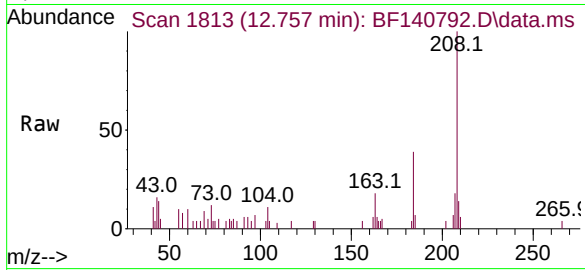
183 10.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#78

Pyrene

Concen: 54.447 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

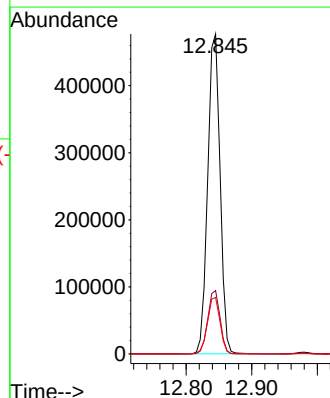
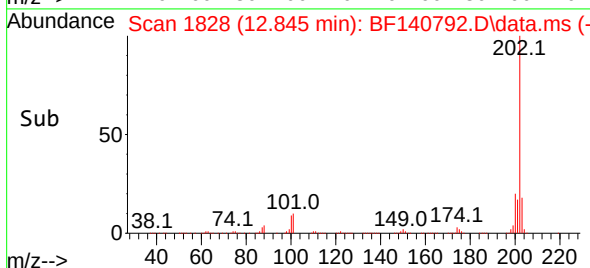
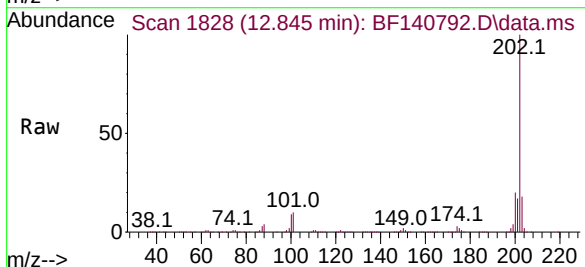
Tgt Ion:202 Resp: 626983

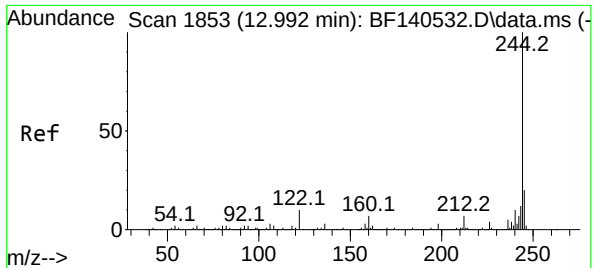
Ion Ratio Lower Upper

202 100

200 19.8 16.5 24.7

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 117.051 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:244 Resp: 936199

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

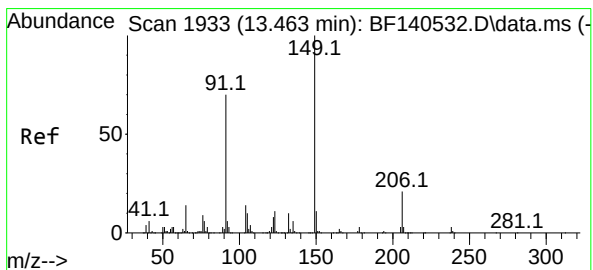
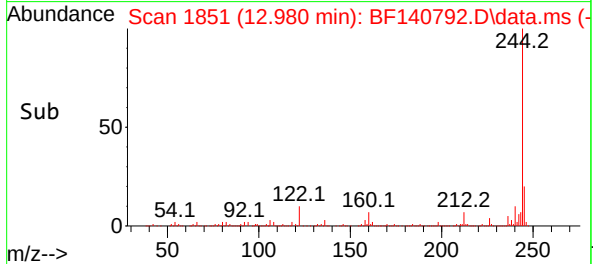
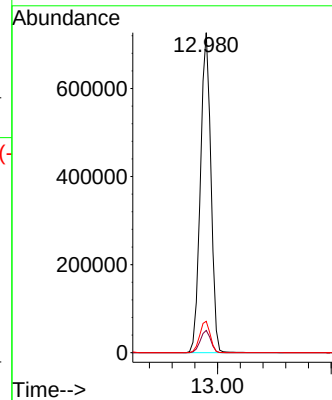
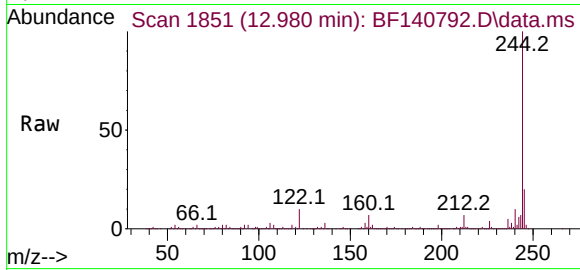
122 9.8 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 56.758 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

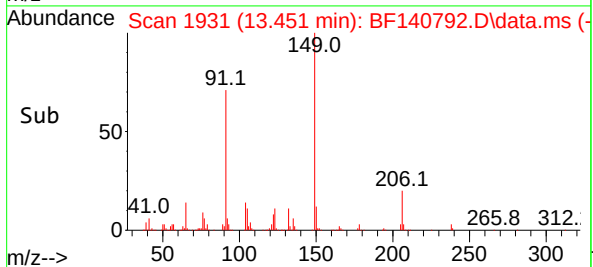
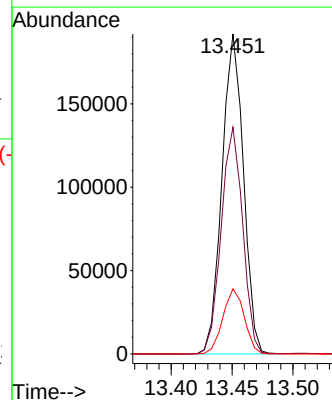
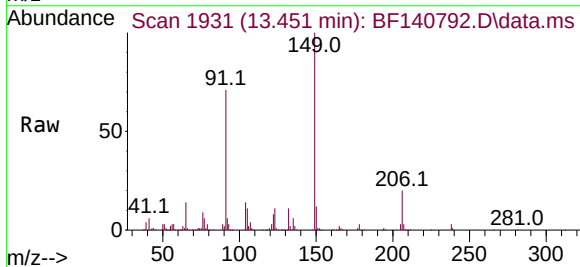
Tgt Ion:149 Resp: 235451

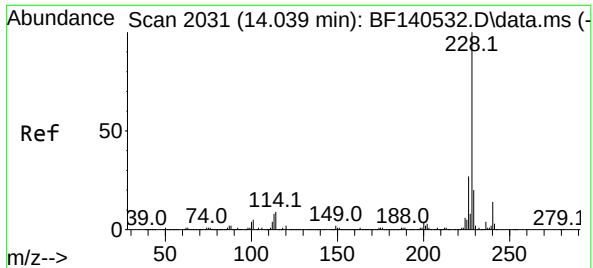
Ion Ratio Lower Upper

149 100

91 70.9 56.2 84.2

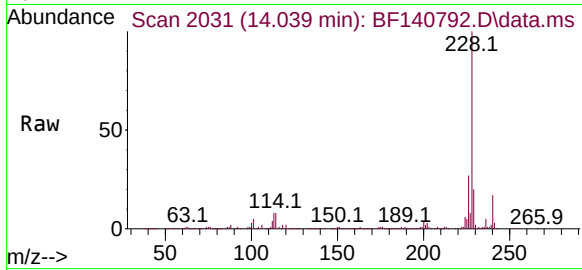
206 20.4 16.4 24.6





#81
Benzo(a)anthracene
Concen: 58.086 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

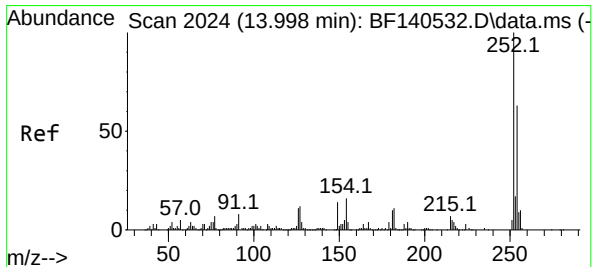
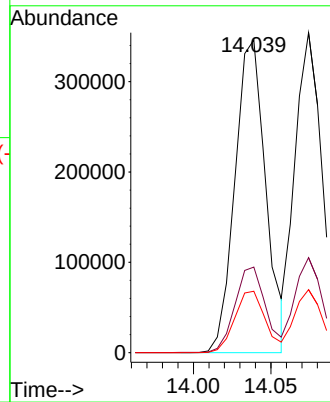
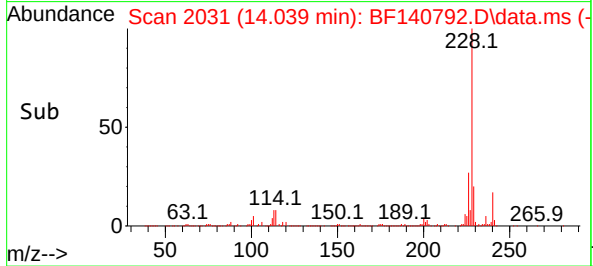
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:228 Resp: 478872
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.8 23.6

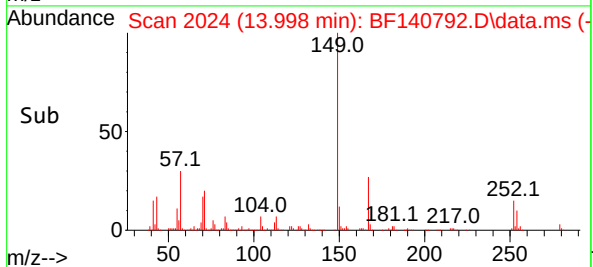
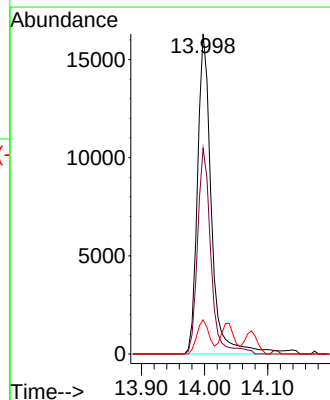
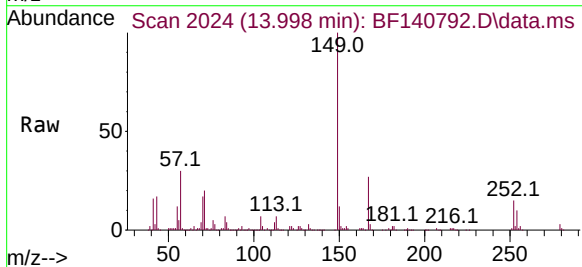
Manual Integrations
APPROVED

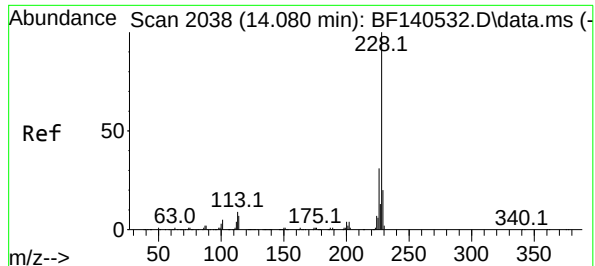
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 10.066 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:252 Resp: 24916
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 10.7 8.6 13.0





#83

Chrysene

Concen: 57.841 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:228 Resp: 436033

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

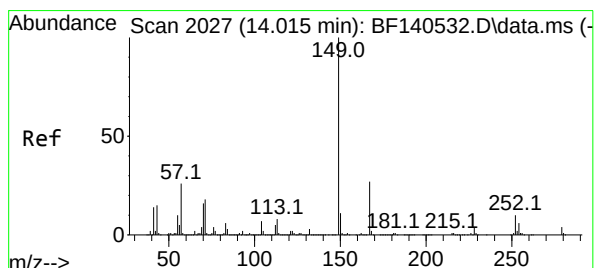
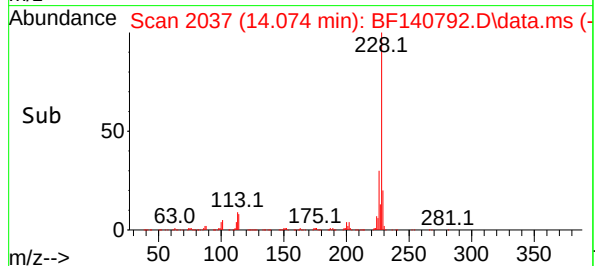
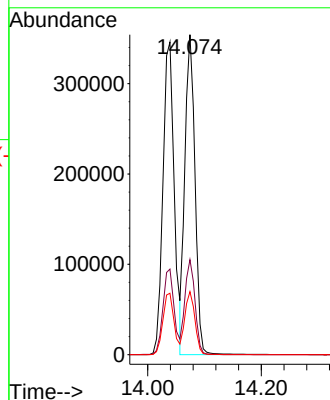
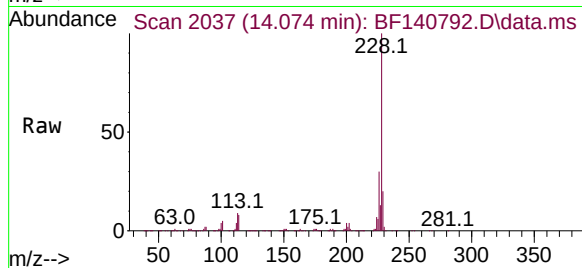
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.500 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

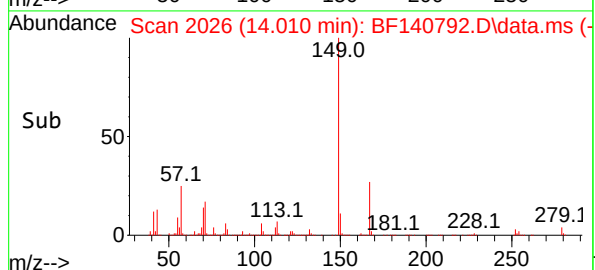
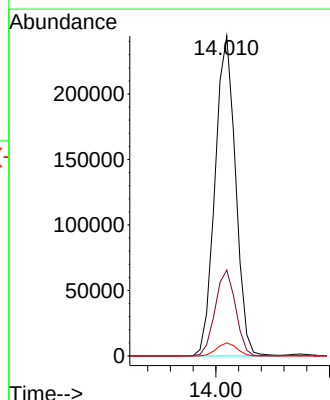
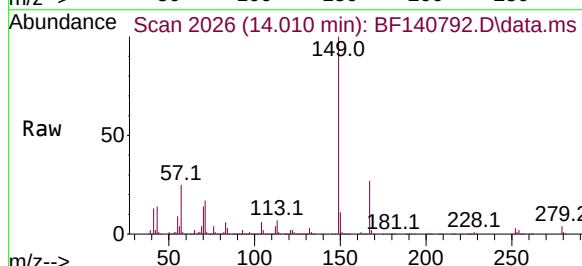
Tgt Ion:149 Resp: 306433

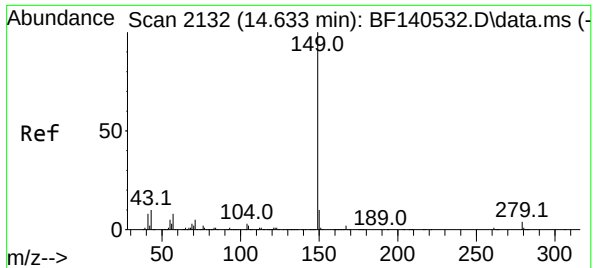
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

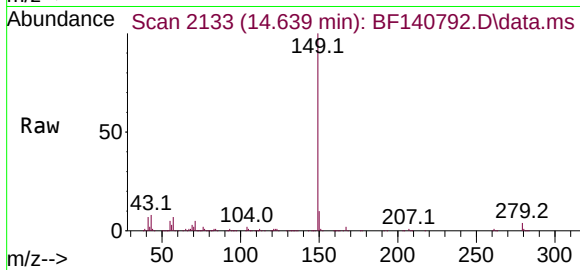
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 63.962 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

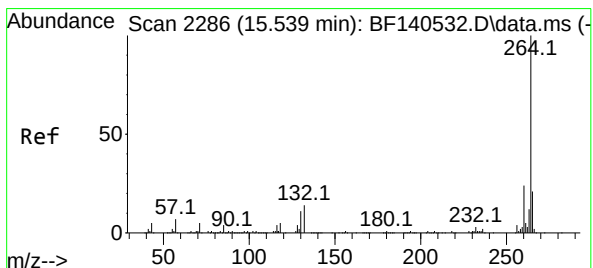
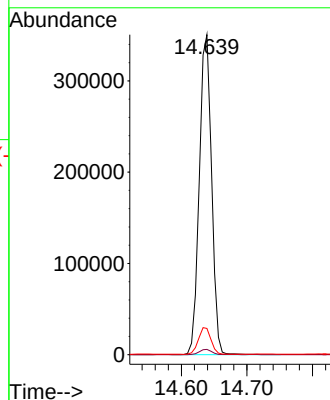
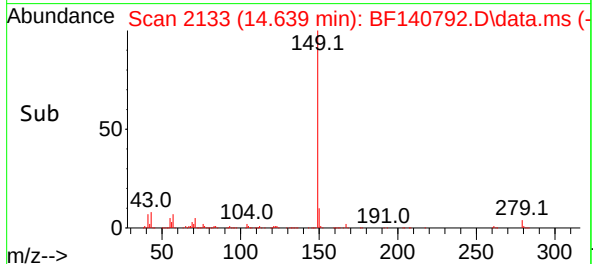
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



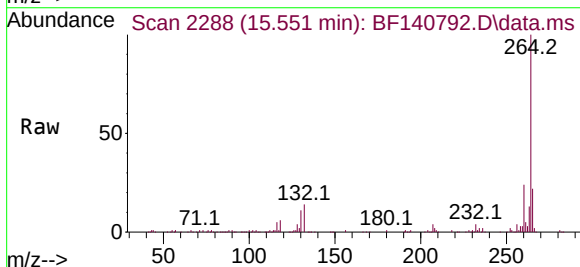
Tgt Ion:149 Resp: 457880
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 7.7 11.5

Manual Integrations
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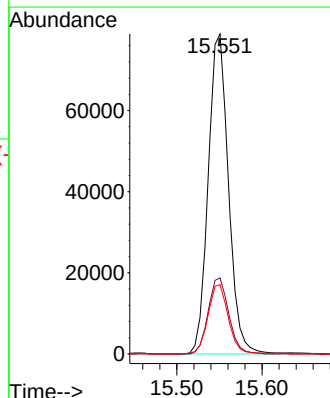
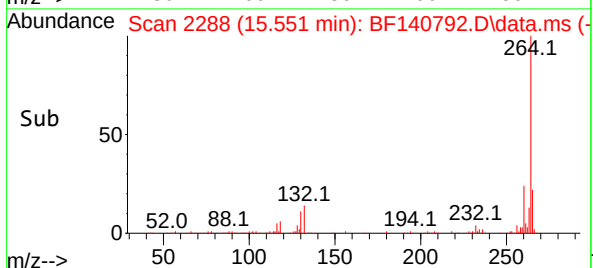
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

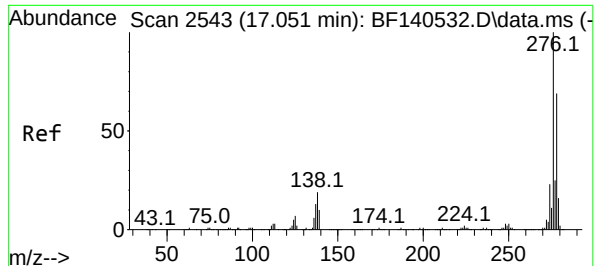


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:264 Resp: 130200
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.760 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:276 Resp: 362810

Ion Ratio Lower Upper

276 100

138 20.6 15.5 23.3

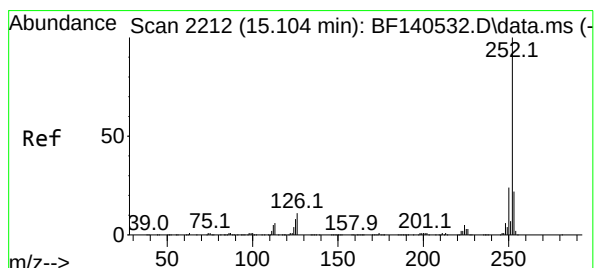
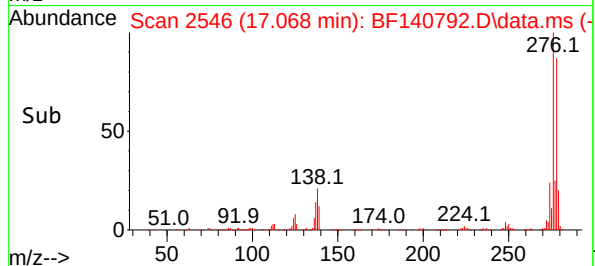
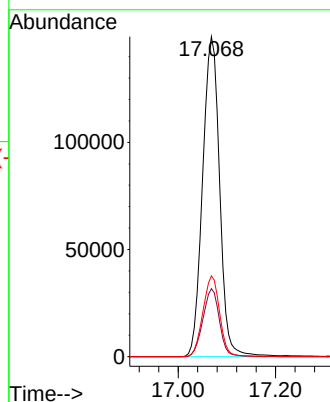
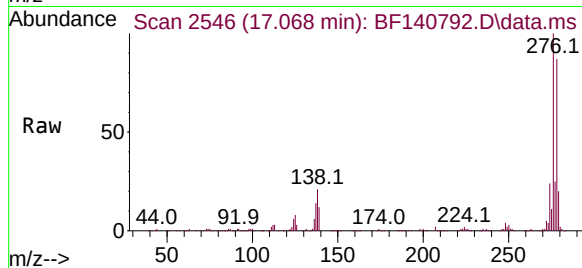
277 24.9 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#88

Benzo(b)fluoranthene

Concen: 62.426 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

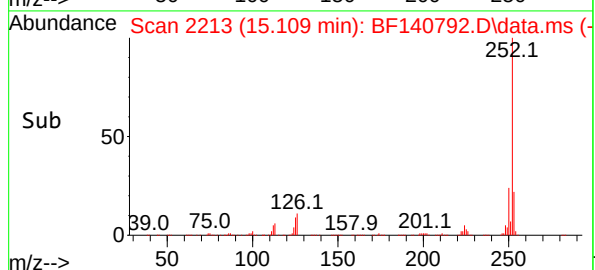
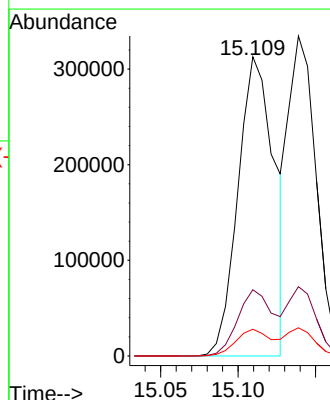
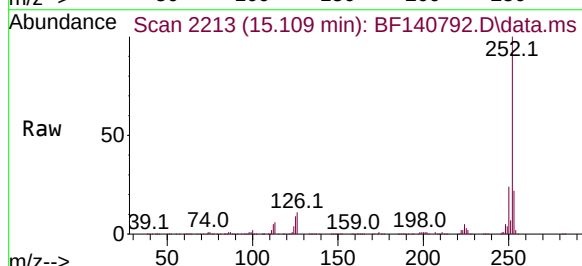
Tgt Ion:252 Resp: 510520

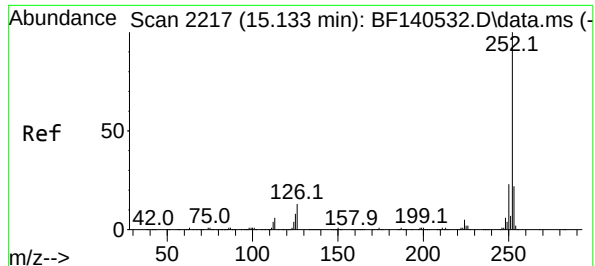
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.0 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 58.611 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:252 Resp: 41945

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

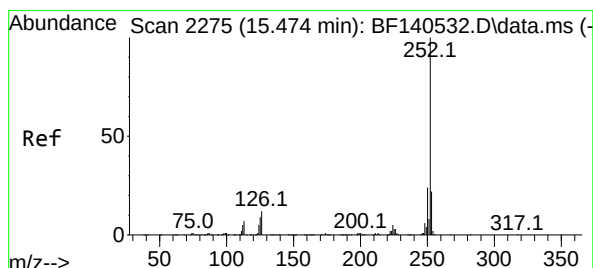
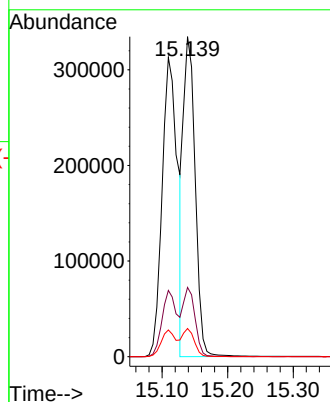
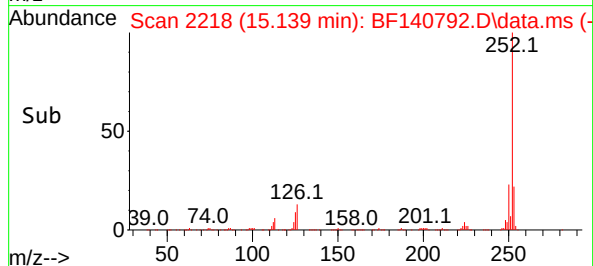
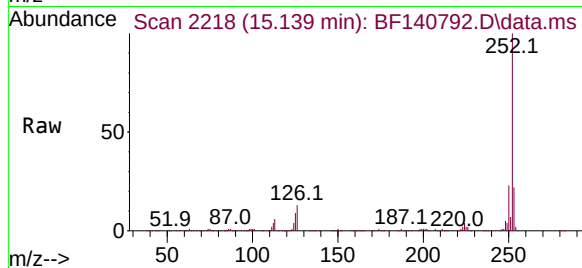
125 8.8 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 63.982 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

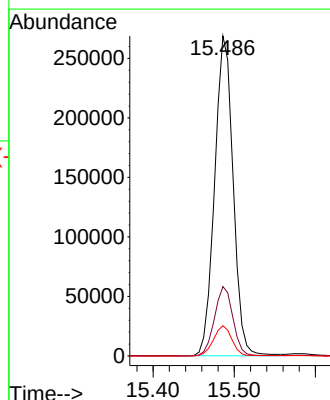
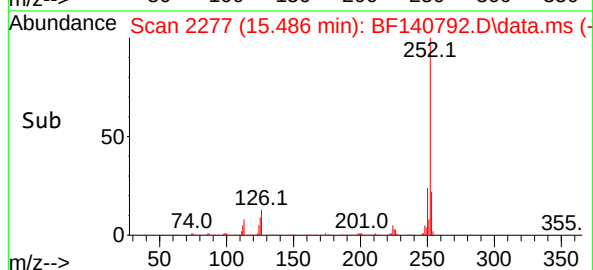
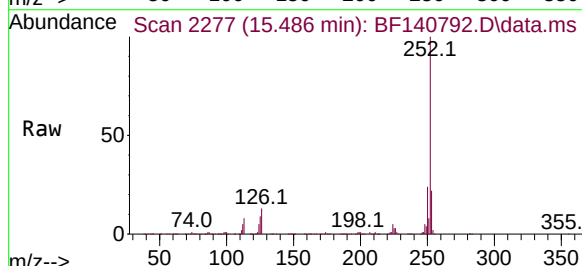
Tgt Ion:252 Resp: 425445

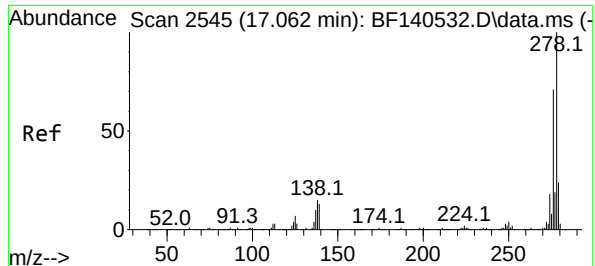
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.5 7.0 10.6





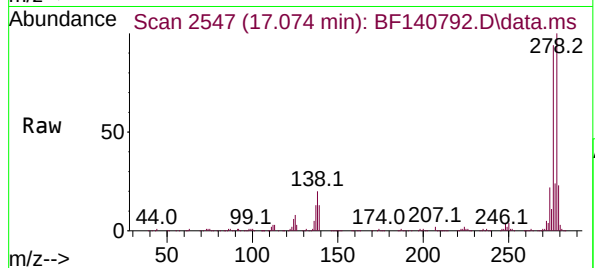
#91
Dibenzo(a,h)anthracene
Concen: 44.564 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



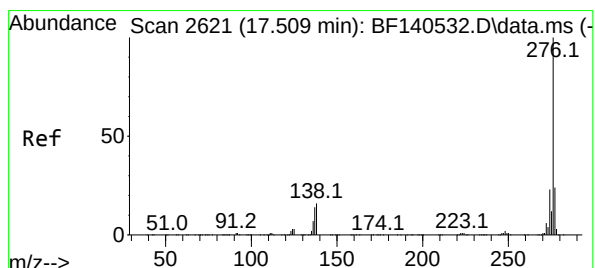
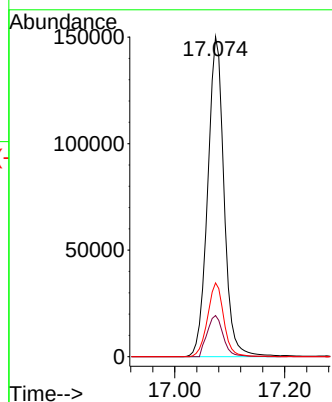
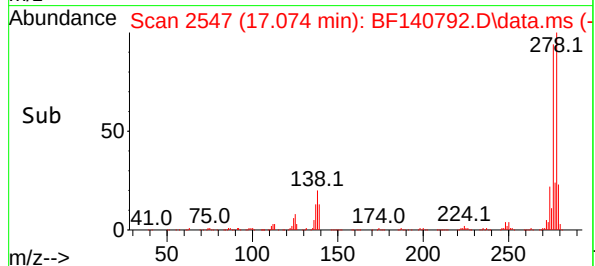
Tgt Ion:278 Resp: 309674
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 23.1 18.9 28.3

Manual Integrations

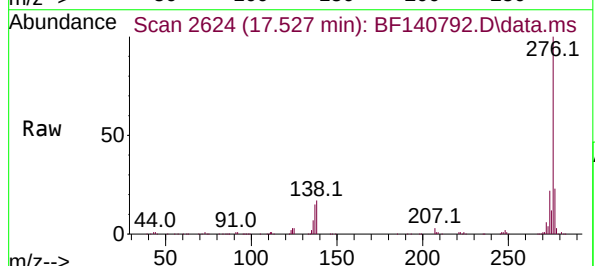
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

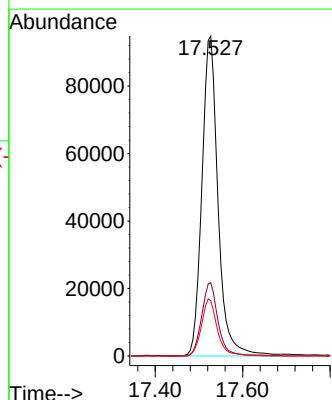
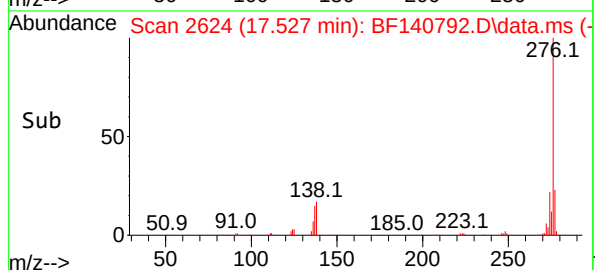
Supervised By :mohammad ahmed 12/12/2024



#92
Benzo(g,h,i)perylene
Concen: 34.359 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:276 Resp: 243639
Ion Ratio Lower Upper
276 100
277 22.9 18.9 28.3
138 17.2 13.2 19.8



Manual Integration Report

Sequence:	BF112124	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF140530.D	Benzoic acid	yogesh	11/22/2024 3:53:18 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDICC020	BF140531.D	Acenaphthene	yogesh	11/22/2024 3:53:19 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDICCC040	BF140532.D	Acenaphthene	yogesh	11/22/2024 3:53:21 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDICV040	BF140536.D	Acenaphthene	yogesh	11/22/2024 3:53:22 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDCCC040	BF140539.D	2,4-Dimethylphenol	yogesh	11/22/2024 3:53:24 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software
SSTDCCC040	BF140539.D	Acenaphthene	yogesh	11/22/2024 3:53:24 AM	mohammad	11/27/2024 6:03:59 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BF120924	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF140783.D	2,4-Dimethylphenol	yogesh	12/11/2024 12:53:01 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
PB165435BS	BF140788.D	2,4-Dimethylphenol	yogesh	12/11/2024 12:53:29 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
PB165435BS	BF140788.D	Caprolactam	yogesh	12/11/2024 12:53:29 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
P5095-04MS	BF140791.D	2,4-Dimethylphenol	yogesh	12/11/2024 12:53:38 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
P5095-04MS	BF140791.D	Benzidine	yogesh	12/11/2024 12:53:38 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
P5095-04MS	BF140791.D	Caprolactam	yogesh	12/11/2024 12:53:38 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
P5095-04MSD	BF140792.D	2,4-Dimethylphenol	yogesh	12/11/2024 12:53:45 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
P5095-04MSD	BF140792.D	Benzidine	yogesh	12/11/2024 12:53:45 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
P5095-04MSD	BF140792.D	Caprolactam	yogesh	12/11/2024 12:53:45 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
SSTDCCC040	BF140793.D	2,4-Dimethylphenol	yogesh	12/11/2024 12:53:54 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software
SSTDCCC040	BF140793.D	Caprolactam	yogesh	12/11/2024 12:53:54 AM	mohammad	12/12/2024 4:13:46 AM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM
SubDirectory	BF112124	HP Acquire Method	BNA_F
		HP Processing Method	bf112124
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621		
CCC	SP6624		
Internal Standard/PEM	S12329,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140526.D	21 Nov 2024 10:17	RC/JU	Ok
2	SSTDCCC040	BF140527.D	21 Nov 2024 10:44	RC/JU	Not Ok
3	SSTDICC2.5	BF140528.D	21 Nov 2024 11:13	RC/JU	Ok
4	SSTDICC005	BF140529.D	21 Nov 2024 11:39	RC/JU	Ok
5	SSTDICC010	BF140530.D	21 Nov 2024 12:05	RC/JU	Ok,M
6	SSTDICC020	BF140531.D	21 Nov 2024 12:32	RC/JU	Ok,M
7	SSTDICCC040	BF140532.D	21 Nov 2024 12:58	RC/JU	Ok,M
8	SSTDICC050	BF140533.D	21 Nov 2024 13:25	RC/JU	Ok
9	SSTDICC060	BF140534.D	21 Nov 2024 13:51	RC/JU	Ok
10	SSTDICC080	BF140535.D	21 Nov 2024 14:18	RC/JU	Ok
11	SSTDICV040	BF140536.D	21 Nov 2024 15:07	RC/JU	Ok,M
12	PB165144BL	BF140537.D	21 Nov 2024 15:34	RC/JU	Ok
13	DFTPP	BF140538.D	21 Nov 2024 16:27	RC/JU	Ok
14	SSTDCCC040	BF140539.D	21 Nov 2024 16:54	RC/JU	Ok,M
15	PB165060TB	BF140540.D	21 Nov 2024 17:20	RC/JU	Ok
16	P4887-06	BF140541.D	21 Nov 2024 17:55	RC/JU	Ok
17	P4887-02	BF140542.D	21 Nov 2024 18:21	RC/JU	Ok
18	P4870-16	BF140543.D	21 Nov 2024 18:48	RC/JU	Ok
19	P4870-15	BF140544.D	21 Nov 2024 19:14	RC/JU	Ok
20	P4870-14	BF140545.D	21 Nov 2024 19:40	RC/JU	Ok
21	P4870-13	BF140546.D	21 Nov 2024 20:07	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM
SubDirectory	BF112124	HP Acquire Method	BNA_F
		HP Processing Method	bf112124
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621		
CCC	SP6624		
Internal Standard/PEM	S12329,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4929-02	BF140547.D	21 Nov 2024 20:33	RC/JU	Ok
23	P4924-04	BF140548.D	21 Nov 2024 20:59	RC/JU	Ok
24	P4921-01	BF140549.D	21 Nov 2024 21:25	RC/JU	Ok
25	P4916-12	BF140550.D	21 Nov 2024 21:51	RC/JU	Ok
26	P4916-08	BF140551.D	21 Nov 2024 22:18	RC/JU	Ok
27	P4916-04	BF140552.D	21 Nov 2024 22:44	RC/JU	Ok
28	P4887-01	BF140553.D	21 Nov 2024 23:10	RC/JU	Ok
29	P4916-09	BF140554.D	21 Nov 2024 23:36	RC/JU	Ok
30	P4916-09MS	BF140555.D	22 Nov 2024 00:02	RC/JU	Ok,M
31	P4916-09MSD	BF140556.D	22 Nov 2024 00:28	RC/JU	Ok,M
32	P4916-01	BF140557.D	22 Nov 2024 00:54	RC/JU	Ok
33	P4916-05RE	BF140558.D	22 Nov 2024 01:21	RC/JU	Confirms
34	P4887-05RE	BF140559.D	22 Nov 2024 01:47	RC/JU	Confirms
35	P4924-01	BF140560.D	22 Nov 2024 02:13	RC/JU	ReRun
36	P4936-01	BF140561.D	22 Nov 2024 02:39	RC/JU	Ok,M
37	P4929-01	BF140562.D	22 Nov 2024 03:06	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF120924

Review By	Yogesh	Review On	12/11/2024 7:19:07 AM
Supervise By	mohammad	Supervise On	12/12/2024 4:13:46 AM
SubDirectory	BF120924	HP Acquire Method	BNA_F
		HP Processing Method	bf112124
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621		
CCC	SP6624		
Internal Standard/PEM	S12331,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140782.D	09 Dec 2024 11:55	RC/JU	Ok
2	SSTDCCC040	BF140783.D	09 Dec 2024 12:21	RC/JU	Ok,M
3	PB165432BL	BF140784.D	09 Dec 2024 12:47	RC/JU	Ok
4	PB165432BS	BF140785.D	09 Dec 2024 13:13	RC/JU	Ok,M
5	PB165432BSD	BF140786.D	09 Dec 2024 13:39	RC/JU	Ok,M
6	PB165435BL	BF140787.D	09 Dec 2024 14:05	RC/JU	Ok
7	PB165435BS	BF140788.D	09 Dec 2024 14:31	RC/JU	Ok,M
8	PB165390TB	BF140789.D	09 Dec 2024 14:58	RC/JU	Ok
9	P5117-02	BF140790.D	09 Dec 2024 15:29	RC/JU	Ok
10	P5095-04MS	BF140791.D	09 Dec 2024 15:55	RC/JU	Ok,M
11	P5095-04MSD	BF140792.D	09 Dec 2024 16:22	RC/JU	Ok,M
12	SSTDCCC040	BF140793.D	09 Dec 2024 16:54	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM
SubDirectory	BF112124	HP Acquire Method	BNA_F
		HP Processing Method	bf112124

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621
CCC	SP6624
Internal Standard/PEM	S12329,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF140526.D	21 Nov 2024 10:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140527.D	21 Nov 2024 10:44	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF140528.D	21 Nov 2024 11:13		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF140529.D	21 Nov 2024 11:39	Compound#9,32,41,54,56,65,70 removed from 5 ppm	RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF140530.D	21 Nov 2024 12:05		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF140531.D	21 Nov 2024 12:32	Compound#32,41,54 Kept on LR	RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF140532.D	21 Nov 2024 12:58	Calibration failed for Benzidine	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF140533.D	21 Nov 2024 13:25	The Calibration is Good For 8270 DOD Except com#77 and good for 625.1 Method Except com#77	RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF140534.D	21 Nov 2024 13:51		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF140535.D	21 Nov 2024 14:18	Compound#9 removed from 80 ppm	RC/JU	Ok
11	SSTDICV040	ICVBF112124	BF140536.D	21 Nov 2024 15:07		RC/JU	Ok,M
12	PB165144BL	PB165144BL	BF140537.D	21 Nov 2024 15:34		RC/JU	Ok
13	DFTPP	DFTPP	BF140538.D	21 Nov 2024 16:27		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF140539.D	21 Nov 2024 16:54		RC/JU	Ok,M
15	PB165060TB	PB165060TB	BF140540.D	21 Nov 2024 17:20		RC/JU	Ok
16	P4887-06	MH-760	BF140541.D	21 Nov 2024 17:55		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM		
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM		
SubDirectory	BF112124	HP Acquire Method	BNA_F	HP Processing Method	bf112124
STD. NAME		STD REF.#			
Tune/Reschk		SP6573			
Initial Calibration Stds		SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621			
CCC		SP6624			
Internal Standard/PEM		S12329,10ul/1000ul sample			
ICV/I.BLK		SP6559			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

17	P4887-02	MH-739	BF140542.D	21 Nov 2024 18:21		RC/JU	Ok
18	P4870-16	TP-15	BF140543.D	21 Nov 2024 18:48		RC/JU	Ok
19	P4870-15	MH-736	BF140544.D	21 Nov 2024 19:14		RC/JU	Ok
20	P4870-14	MH-735	BF140545.D	21 Nov 2024 19:40		RC/JU	Ok
21	P4870-13	TP-1	BF140546.D	21 Nov 2024 20:07		RC/JU	Ok
22	P4929-02	ARS520	BF140547.D	21 Nov 2024 20:33		RC/JU	Ok
23	P4924-04	MH-4	BF140548.D	21 Nov 2024 20:59		RC/JU	Ok
24	P4921-01	WC-11-A-202411	BF140549.D	21 Nov 2024 21:25		RC/JU	Ok
25	P4916-12	TP-3-WC	BF140550.D	21 Nov 2024 21:51		RC/JU	Ok
26	P4916-08	TP-2-WC	BF140551.D	21 Nov 2024 22:18		RC/JU	Ok
27	P4916-04	TP-1-WC	BF140552.D	21 Nov 2024 22:44		RC/JU	Ok
28	P4887-01	MH-739	BF140553.D	21 Nov 2024 23:10		RC/JU	Ok
29	P4916-09	TP-3-WC	BF140554.D	21 Nov 2024 23:36		RC/JU	Ok
30	P4916-09MS	TP-3-WCMS	BF140555.D	22 Nov 2024 00:02		RC/JU	Ok,M
31	P4916-09MSD	TP-3-WCMSD	BF140556.D	22 Nov 2024 00:28		RC/JU	Ok,M
32	P4916-01	TP-1-WC	BF140557.D	22 Nov 2024 00:54		RC/JU	Ok
33	P4916-05RE	TP-2-WCRE	BF140558.D	22 Nov 2024 01:21	Internal Standard Fail	RC/JU	Confirms
34	P4887-05RE	MH-760RE	BF140559.D	22 Nov 2024 01:47	Internal Standard Fail	RC/JU	Confirms
35	P4924-01	MH-4	BF140560.D	22 Nov 2024 02:13	Internal Standard Fail	RC/JU	ReRun

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112124

Review By	yogesh	Review On	11/22/2024 3:53:36 AM
Supervise By	mohammad	Supervise On	11/27/2024 6:04:00 AM
SubDirectory	BF112124	HP Acquire Method	BNA_F
		HP Processing Method	bf112124

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621
CCC	SP6624
Internal Standard/PEM	S12329,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	P4936-01	PL-01-11202024	BF140561.D	22 Nov 2024 02:39	Internal Standard Fail	RC/JU	Ok,M
37	P4929-01	ARS520	BF140562.D	22 Nov 2024 03:06	Internal Standard Fail	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF120924

Review By	Yogesh	Review On	12/11/2024 7:19:07 AM
Supervise By	mohammad	Supervise On	12/12/2024 4:13:46 AM
SubDirectory	BF120924	HP Acquire Method	BNA_F
		HP Processing Method	bf112124

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621
CCC	SP6624
Internal Standard/PEM	S12331,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF140782.D	09 Dec 2024 11:55		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140783.D	09 Dec 2024 12:21		RC/JU	Ok,M
3	PB165432BL	PB165432BL	BF140784.D	09 Dec 2024 12:47		RC/JU	Ok
4	PB165432BS	PB165432BS	BF140785.D	09 Dec 2024 13:13		RC/JU	Ok,M
5	PB165432BSD	PB165432BSD	BF140786.D	09 Dec 2024 13:39		RC/JU	Ok,M
6	PB165435BL	PB165435BL	BF140787.D	09 Dec 2024 14:05		RC/JU	Ok
7	PB165435BS	PB165435BS	BF140788.D	09 Dec 2024 14:31		RC/JU	Ok,M
8	PB165390TB	PB165390TB	BF140789.D	09 Dec 2024 14:58		RC/JU	Ok
9	P5117-02	TAPIAL2-IDW-SOIL-12	BF140790.D	09 Dec 2024 15:29		RC/JU	Ok
10	P5095-04MS	MH-764MS	BF140791.D	09 Dec 2024 15:55		RC/JU	Ok,M
11	P5095-04MSD	MH-764MSD	BF140792.D	09 Dec 2024 16:22		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF140793.D	09 Dec 2024 16:54		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 / T-2

TCLP Filter ID : 114771

Start Prep Date : 12/05/2024 Time : 16:40

End Prep Date : 12/06/2024 Time : 09:25

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *JP*

Supervisor By : 12

Standard 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. Particle size reduction is not required. p5100-04 and p5103-02 is oil samples so no fluid determination. P5136-02 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/06/24 10:30	<i>JP</i> 1st Room	<i>JP</i> 1st Room
	Preparation Group	Analysis Group

TCLP EXTRACTION LOGPAGE

PB165390

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
P5095-04	MH-764	01	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-1
P5096-04	MH-B	02	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
P5096-08	MH-A	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
P5100-04	3167	N/A	N/A	N/A	N/A	N/A	N/A	8.6	1.0	N/A
P5103-02	423	N/A	N/A	N/A	N/A	N/A	N/A	8.6	1.0	N/A
P5110-01	ELIZ-COMP-1	04	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-1
P5110-02	ELIZ-COMP-2	05	100.03	2000	N/A	N/A	N/A	4.5	1.0	T-1
P5112-02	10TH-ST-SOIL	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
P5117-02	TAPIAL2-IDW-SOIL-120424-00-T2	07	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
P5133-02	MOO-24-00374	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
P5136-02	COMP-1	09	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
PB165390TB	LEB390	10	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P5095-04	MH-764	N/A	N/A	N/A	N/A	100	N/A
P5096-04	MH-B	N/A	N/A	N/A	N/A	100	N/A
P5096-08	MH-A	N/A	N/A	N/A	N/A	100	N/A
P5100-04	3167	N/A	N/A	N/A	N/A	<0.5	N/A
P5103-02	423	N/A	N/A	N/A	N/A	<0.5	N/A
P5110-01	ELIZ-COMP-1	N/A	N/A	N/A	N/A	100	N/A
P5110-02	ELIZ-COMP-2	N/A	N/A	N/A	N/A	100	N/A
P5112-02	10TH-ST-SOIL	N/A	N/A	N/A	N/A	100	N/A
P5117-02	TAPIAL2-IDW-SOIL-120424-00-T2	N/A	N/A	N/A	N/A	100	N/A
P5133-02	MOO-24-00374	N/A	N/A	N/A	N/A	100	N/A
P5136-02	COMP-1	N/A	N/A	N/A	N/A	100	N/A
PB165390TB	LEB390	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
P5095-04	MH-764	5.02	96.5	9.5	4.0	#1	4.94
P5096-04	MH-B	5.03	96.5	8.6	3.5	#1	4.94
P5096-08	MH-A	5.02	96.5	8.6	3.5	#1	4.94
P5100-04	3167	N/A	N/A	N/A	N/A	N/A	N/A
P5103-02	423	N/A	N/A	N/A	N/A	N/A	N/A
P5110-01	ELIZ-COMP-1	5.02	96.5	6.8	2.5	#1	4.94
P5110-02	ELIZ-COMP-2	5.03	96.5	6.4	2.5	#1	4.94
P5112-02	10TH-ST-SOIL	5.02	96.5	8.4	3.0	#1	4.94
P5117-02	TAPIAL2-IDW-SOIL-120424-00-T2	5.01	96.5	6.4	2.5	#1	4.94
P5133-02	MOO-24-00374	5.02	96.5	6.0	2.5	#1	4.94
P5136-02	COMP-1	5.03	96.5	6.2	2.5	#1	4.94
PB165390TB	LEB390	N/A	N/A	N/A	N/A	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP P5096

WorkList ID : 185994

Department : TCLP Extraction

Date : 12-05-2024 09:25:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5095-04	MH-764	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L11	12/04/2024	1311
P5096-04	MH-B	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	12/04/2024	1311
P5096-08	MH-A	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	12/04/2024	1311
P5100-04	3167	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L61	12/04/2024	1311
P5103-02	423	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	12/04/2024	1311
P5110-01	ELIZ-COMP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	12/04/2024	1311
P5110-02	ELIZ-COMP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	12/04/2024	1311
P5112-02	10TH-ST-SOIL	Solid	TCLP Extraction	Cool 4 deg C	TULL02	L51	12/05/2024	1311
P5117-02	TAPIAL2-IDW-SOIL-120424-00	Solid	TCLP Extraction	Cool 4 deg C	WEST04	L41	12/05/2024	1311
P5133-02	MOO-24-00374	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L61	12/05/2024	1311
P5136-02	COMP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L61	12/05/2024	1311

Date/Time

12/05/24 15:40

Raw Sample Received by:

JO WOL

Raw Sample Relinquished by:

RJ LEST-1ab

Date/Time

12/05/24

17:10

Raw Sample Received by:

RJ LEST-1ab

Raw Sample Relinquished by:

JO WOL

SOP ID:	M3541-ASE Extraction-14		
Clean Up SOP #:	N/A	Extraction Start Date :	12/06/2024
Matrix :	Water	Extraction Start Time :	10:45
Weigh By:	EH	Extraction By:	RJ
Balance check:	RJ	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strlp Lot#:	N/A	Hood ID:	3,7
		Supervisor By :	rajesh
Extraction Method:	☒ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6681
Surrogate	1.0ML	100/150 PPM	SP6638
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2560
Baked Na2SO4	N/A	EP2570
Sand	N/A	E2865
Methylene Chloride	N/A	E3829
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.P 5108-01 Limited volume used as sample is Tar matrix.

KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/6/24	RJ (Set. Lab)	RJ/SLC
15:50	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 12/06/2024

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165390TB	PB165390TB	TCLP BNA	100	6	RUPESEH	ritesh	1			SEP-01
PB165435BL	PB165435BL	TCLP BNA	1000	6	RUPESEH	ritesh	1			2
PB165435BS	PB165435BS	TCLP BNA	1000	6	RUPESEH	ritesh	1			3
P5095-04	MH-764	TCLP BNA	100	6	RUPESEH	ritesh	1	A		4
P5095-04MS	MH-764MS	TCLP BNA	100	6	RUPESEH	ritesh	1	A		5
P5095-04MS D	MH-764MSD	TCLP BNA	100	6	RUPESEH	ritesh	1	A		6
P5096-04	MH-B	TCLP BNA	100	6	RUPESEH	ritesh	1	A		7
P5096-08	MH-A	TCLP BNA	100	6	RUPESEH	ritesh	1	A		8
P5117-02	TAPIAL2-IDW-SOIL-1204 24-00-T2	TCLP BNA	100	6	RUPESEH	ritesh	1	A		9
P5133-02	MOO-24-00374	TCLP BNA	100	6	RUPESEH	ritesh	1	A		10
P5136-02	COMP-1	TCLP BNA	100	6	RUPESEH	ritesh	1	A		11

* Extracts relinquished on the same date as received.

12/16/24

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P5095-04	MH-764	01	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-1
P5096-04	MH-B	02	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
P5096-08	MH-A	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
P5100-04	3167	N/A	N/A	N/A	N/A	N/A	N/A	8.6	1.0	N/A
P5103-02	423	N/A	N/A	N/A	N/A	N/A	N/A	8.6	1.0	N/A
P5110-01	ELIZ-COMP-1	04	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-1
P5110-02	ELIZ-COMP-2	05	100.03	2000	N/A	N/A	N/A	4.5	1.0	T-1
P5112-02	10TH-ST-SOIL	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
P5117-02	TAPIAL2-IDW-SOIL-120424-00-T2	07	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
P5133-02	MOO-24-00374	08	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
P5136-02	COMP-1	09	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
PB165390TB	LEB390	10	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-1

1210612025
101.30



SHIPPING DOCUMENTS

P5117



Weston COC ID
Weston_20241204

Chain of Custody Record/Lab Work Request

Client:	Weston Solutions, Inc.		
Project Manager:	David Sembrot		
Street Address:	1400 Weston Way	City:	West Chester
Phone:	610-314-5456	ST, ZIP:	PA, 19038
e-mail:	david.sembrot@westonsolutions.com		
Sampled By:	Cheyenne Harrington		

Project Name:	Fort Meade RI	Project POC:	Nathan Fretz
PO Number	0111169	Phone:	484-524-5665
W.O. #:		POC e-mail:	nathan.fretz@westonsolutions.com
Lab:	CHEMTECH	Lab POC:	Jordan Hedvat
TAT (days):	21	Lab Phone:	908-728-3144
Lab Address:	284 Sheffield Street Mountainside, NJ 07092		

Matrix Codes	
SB -	Soil
SE -	Sediment
SO -	Solid
SL -	Sludge
GW -	Groundwater
W -	Water
O -	Oil
A -	Air
DS -	Drum Solids
DL -	Drum Liquids
L -	EP/TCLP Leachate
WI -	Wipe
X -	Other
F -	Fish

Lab Use Only		
Temperature of cooler when received (°C)		
COC Tape was present and unbroken on outer package?	Y	N
Samples received in good condition?	Y	N
Labels indicate property preserved?	Y	N
Received within holding times?	Y	N
Discrepancies between sample labels and COC record?	Y	N

Analyses Requested:	pH by EPA 8045D	TAL Metals by EPA 6020B/7471B	TOC by 9060A	TCLP VOCs by EPA 8260D (1311)	TCLP SVOCs by EPA 8270E (1311)	TCLP Metals by EPA 6010D/7470A	TCLP Pesticides by EPA 8081B	TCLP Herbicides by EPA 8151A	Total Sulfide by EPA 9034	Total Cyanide by EPA 9012E	PCB by EPA 8082A	Ignitability by EPA 1030
	Container Type:	Glass	Glass	Glass	Encore	Glass	Glass	Glass	Glass	Glass	Glass	Glass
	Container Size:	8 oz	8 oz	8 oz	25g	8 oz	8 oz	8 oz	8 oz	8 oz	8 oz	8 oz
	Preservative:	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6	Ice to 0-6

#	Sample ID	G/C	Matrix	# Cont	MS/MSD	Date Collected	Time Collected	Special Instructions/Comments											
1	TAPIAL3-SB04I-10-120324-00-T1	g	SB	12	no	12/3/2024	14:00	X	X	X									
2	TAPIAL2-IDW-Soil-120424-00-T2	g	DS	7	no	12/4/2024	13:00	X			X	X	X	X	X	X	X	X	Make expedited 7 day TAT
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Shipping Airbill Number(s):		7704 9457 4944 / 7704 9457 4958		2.3°C		Cooler Number:		1	of	21
Relinquished By	Date	Time	Received By	Date	Time	Additional Comments				
See LHM of WCL	12/4/24	1600		12-5-24	1010	QSM 6.0 Compliant				
						Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD				



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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140530.D
 Acq On : 21 Nov 2024 12:05
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 21 15:10:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	101758	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	377828	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	213774	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	399362	20.000	ng	0.00
76) Chrysene-d12	14.045	240	256196	20.000	ng	0.00
86) Perylene-d12	15.533	264	194024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	125454	21.035	ng	0.00
7) Phenol-d6	6.504	99	164515	20.866	ng	-0.01
23) Nitrobenzene-d5	7.428	82	152410	20.633	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	44626	19.519	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	299817	20.896	ng	0.00
79) Terphenyl-d14	12.980	244	321362	19.532	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	25524	10.179	ng	99
3) Pyridine	3.428	79	51851	9.398	ng	96
4) n-Nitrosodimethylamine	3.357	42	31093	9.589	ng	99
6) Aniline	6.534	93	60808	10.957	ng	# 79
8) 2-Chlorophenol	6.657	128	67572	10.531	ng	98
9) Benzaldehyde	6.422	77	51225	12.273	ng	99
10) Phenol	6.522	94	83830	10.411	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	63186	10.255	ng	99
12) 1,3-Dichlorobenzene	6.810	146	75941	10.533	ng	99
13) 1,4-Dichlorobenzene	6.887	146	76389	10.464	ng	99
14) 1,2-Dichlorobenzene	7.040	146	72962	10.666	ng	100
15) Benzyl Alcohol	7.010	79	59748	10.218	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	75295	10.344	ng	79
17) 2-Methylphenol	7.128	107	52599	10.241	ng	94
18) Hexachloroethane	7.381	117	27715	10.165	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	48309	10.367	ng	98
20) 3+4-Methylphenols	7.281	107	69290	10.496	ng	98
22) Acetophenone	7.275	105	96618	10.489	ng	97
24) Nitrobenzene	7.451	77	77259	10.120	ng	99
25) Isophorone	7.687	82	123528	10.026	ng	99
26) 2-Nitrophenol	7.769	139	32564	9.625	ng	98
27) 2,4-Dimethylphenol	7.804	122	40421	9.986	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	77116	10.274	ng	99
29) 2,4-Dichlorophenol	8.016	162	55037	10.261	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	63769	10.413	ng	98
31) Naphthalene	8.175	128	203054	10.434	ng	99
32) Benzoic acid	7.887	122	17662	11.455	ng	93
33) 4-Chloroaniline	8.222	127	60102	10.315	ng	99
34) Hexachlorobutadiene	8.287	225	42479	10.472	ng	98
35) Caprolactam	8.563	113	17126	10.317	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	60104	10.008	ng	99
37) 2-Methylnaphthalene	8.863	142	128393	10.387	ng	100
38) 1-Methylnaphthalene	8.963	142	125672	10.372	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	64508	10.308	ng	99
41) Hexachlorocyclopentadiene	9.016	237	5836	11.063	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	38279	9.748	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140530.D
 Acq On : 21 Nov 2024 12:05
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

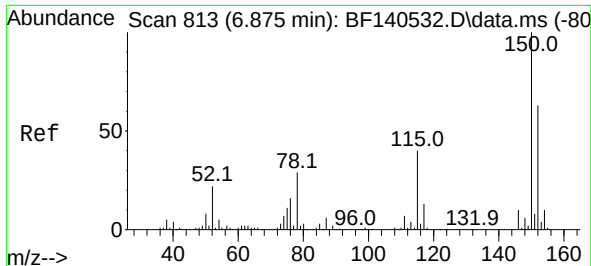
Quant Time: Nov 21 15:10:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	42321	9.930	ng	99
46) 1,1'-Biphenyl	9.328	154	163500	10.244	ng	99
47) 2-Chloronaphthalene	9.351	162	122350	10.117	ng	99
48) 2-Nitroaniline	9.451	65	37481	9.655	ng	98
49) Acenaphthylene	9.769	152	188676	10.326	ng	99
50) Dimethylphthalate	9.622	163	142079	10.092	ng	100
51) 2,6-Dinitrotoluene	9.692	165	31999	10.021	ng	94
52) Acenaphthene	9.939	154	118691	10.031	ng	99
53) 3-Nitroaniline	9.863	138	31781	10.177	ng	96
54) 2,4-Dinitrophenol	9.981	184	6086	11.143	ng	98
55) Dibenzofuran	10.116	168	185902	10.497	ng	99
56) 4-Nitrophenol	10.039	139	17052	8.006	ng	96
57) 2,4-Dinitrotoluene	10.098	165	43030	10.140	ng	95
58) Fluorene	10.457	166	150592	10.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	31672	9.670	ng	98
60) Diethylphthalate	10.322	149	146994	10.276	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	72915	10.452	ng	97
62) 4-Nitroaniline	10.469	138	32193	9.829	ng	96
63) Azobenzene	10.610	77	141049	10.412	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	14572	7.140	ng	93
66) n-Nitrosodiphenylamine	10.563	169	123384	10.447	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	42955	10.444	ng	98
68) Hexachlorobenzene	11.010	284	47993	10.078	ng	97
69) Atrazine	11.092	200	34193	10.292	ng	100
70) Pentachlorophenol	11.210	266	14110	6.732	ng	97
71) Phenanthrene	11.422	178	203602	10.606	ng	99
72) Anthracene	11.475	178	198430	10.567	ng	100
73) Carbazole	11.633	167	189597	10.495	ng	100
74) Di-n-butylphthalate	11.957	149	214564	10.288	ng	99
75) Fluoranthene	12.616	202	221773	10.640	ng	99
77) Benzidine	12.739	184	54022	7.252	ng	100
78) Pyrene	12.845	202	230747	9.741	ng	98
80) Butylbenzylphthalate	13.457	149	82557	9.674	ng	100
81) Benzo(a)anthracene	14.033	228	168988	9.964	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	49053	9.634	ng	100
83) Chrysene	14.069	228	161811	10.435	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	106093	9.846	ng	100
85) Di-n-octyl phthalate	14.633	149	145085	9.852	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	124455	9.843	ng	99
88) Benzo(b)fluoranthene	15.098	252	121884	10.001	ng	99
89) Benzo(k)fluoranthene	15.127	252	119878	11.241	ng	100
90) Benzo(a)pyrene	15.468	252	101824	10.276	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	100656	9.720	ng	99
92) Benzo(g,h,i)perylene	17.492	276	105771	10.010	ng	99

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

Quant Time: Nov 21 15:10:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration

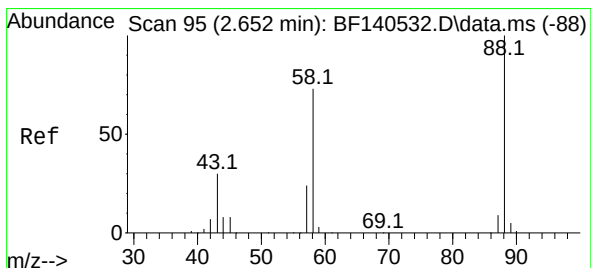
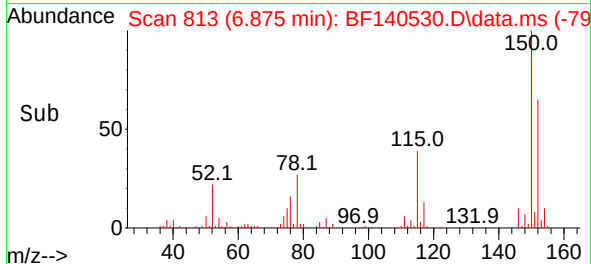
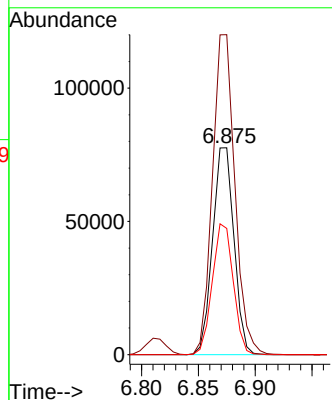
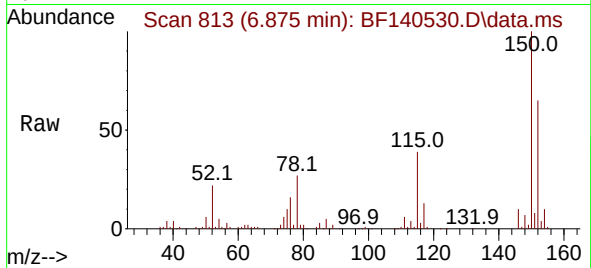




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

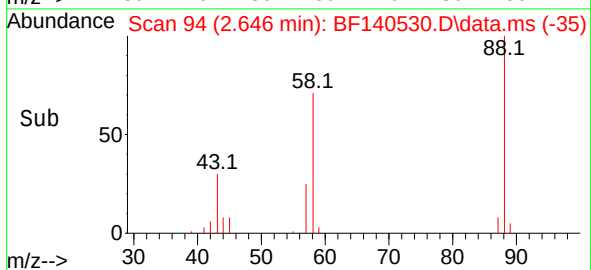
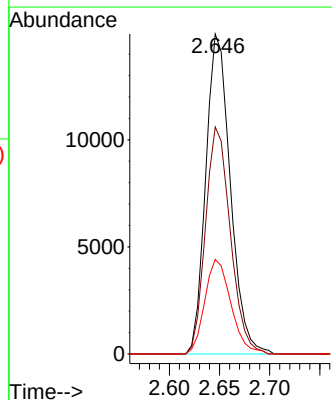
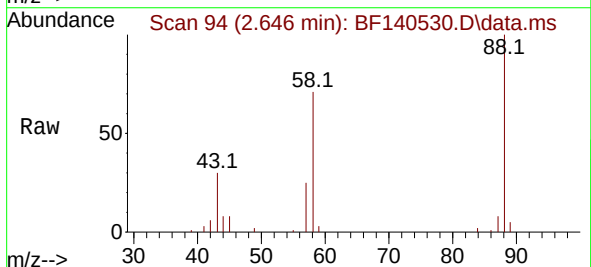
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

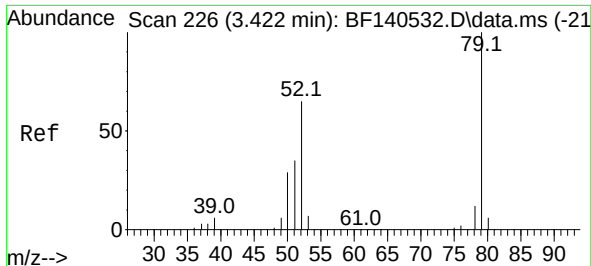
Tgt Ion:152 Resp: 101758
Ion Ratio Lower Upper
152 100
150 154.6 128.5 192.7
115 61.0 50.2 75.4



#2
1,4-Dioxane
Concen: 10.179 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion: 88 Resp: 25524
Ion Ratio Lower Upper
88 100
58 71.6 57.4 86.2
43 31.4 24.3 36.5





#3

Pyridine

Concen: 9.398 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

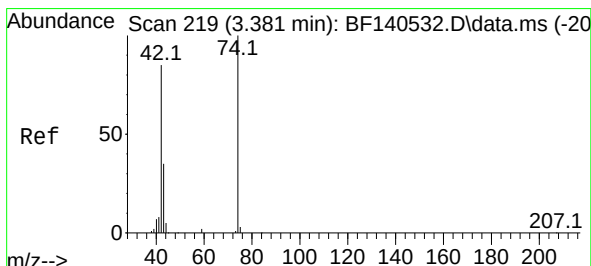
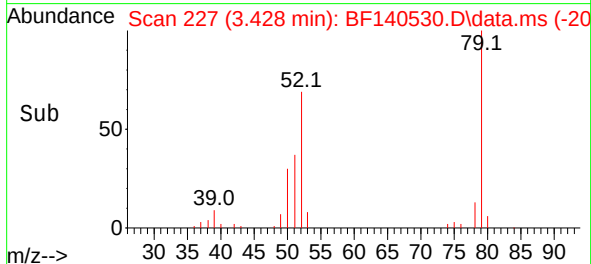
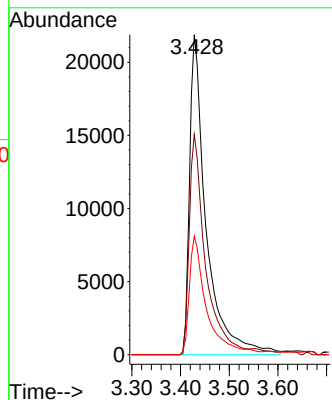
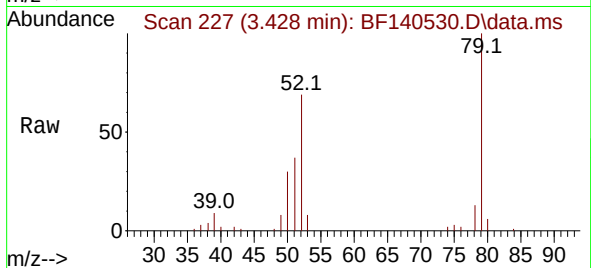
Tgt Ion: 79 Resp: 51851

Ion Ratio Lower Upper

79 100

52 68.8 52.1 78.1

51 37.1 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 9.589 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

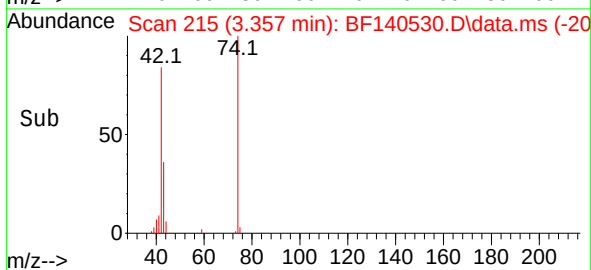
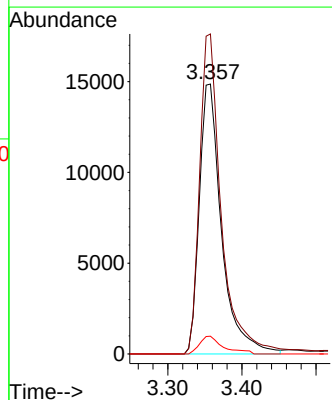
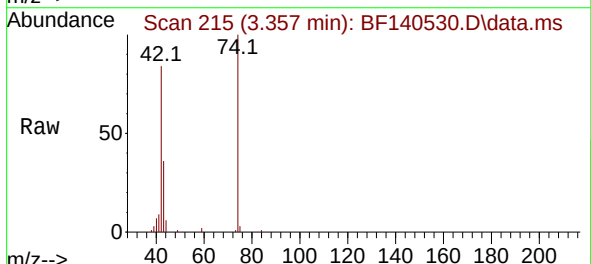
Tgt Ion: 42 Resp: 31093

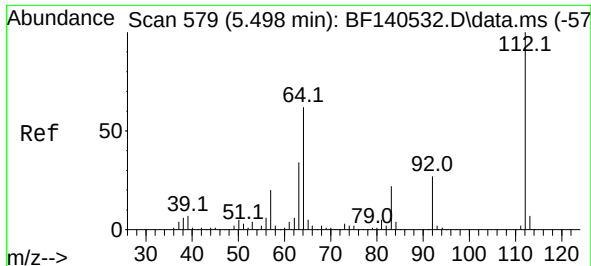
Ion Ratio Lower Upper

42 100

74 118.6 93.8 140.6

44 6.6 4.6 6.8

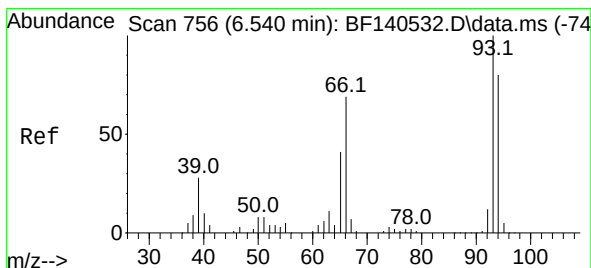
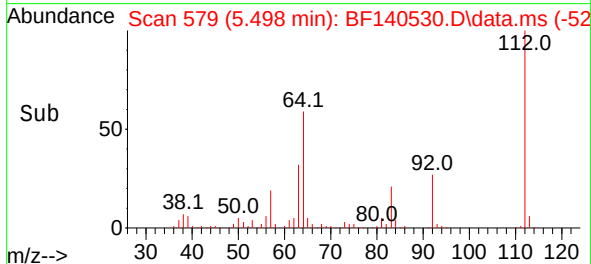
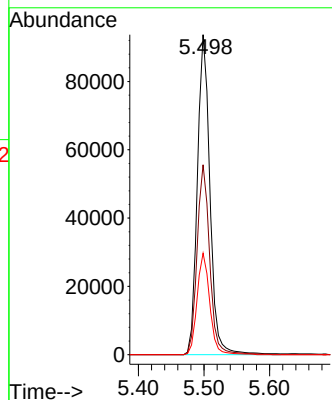
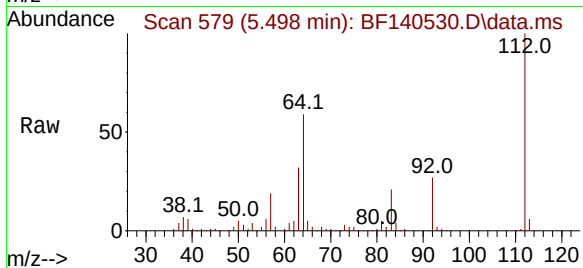




#5
2-Fluorophenol
Concen: 21.035 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

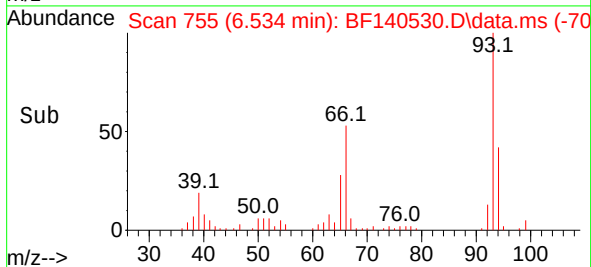
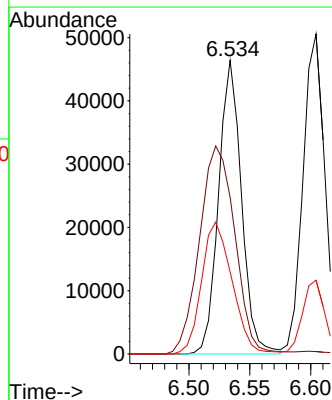
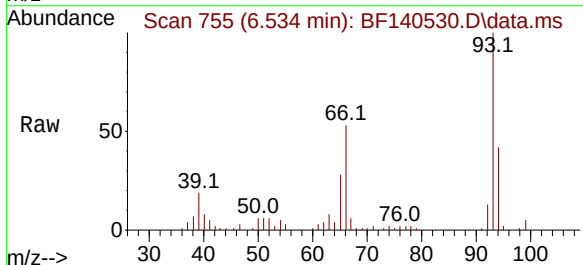
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

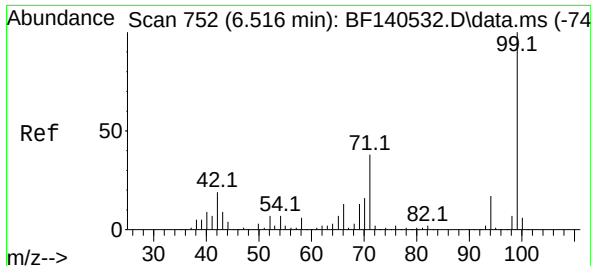
Tgt Ion:112 Resp: 125454
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.7 27.0 40.4



#6
Aniline
Concen: 10.957 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion: 93 Resp: 60808
Ion Ratio Lower Upper
93 100
66 53.4 56.5 84.7#
65 28.0 32.9 49.3#

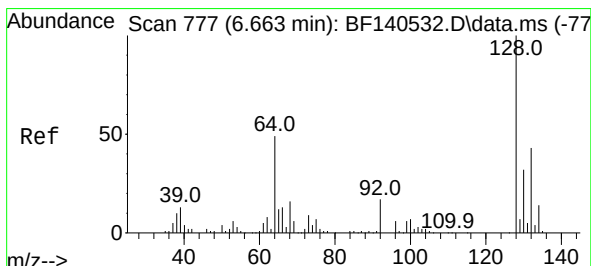
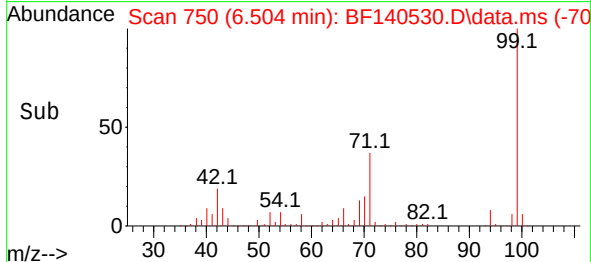
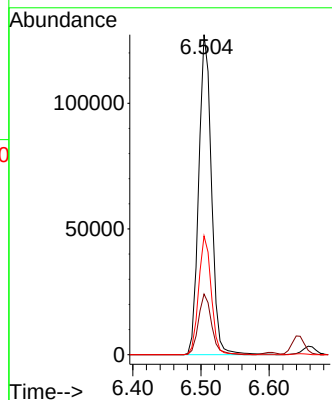
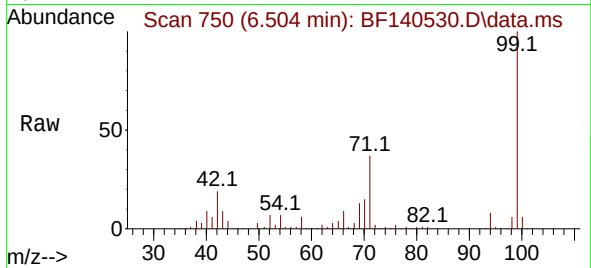




#7
Phenol-d6
Concen: 20.866 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

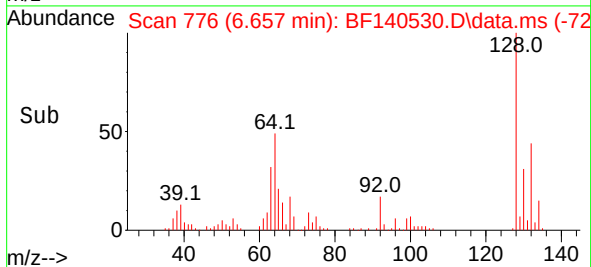
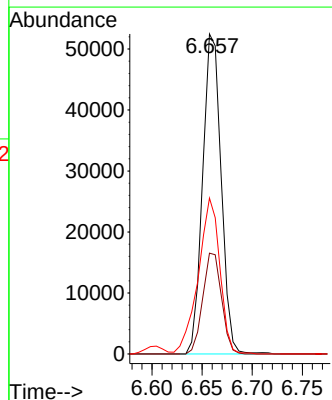
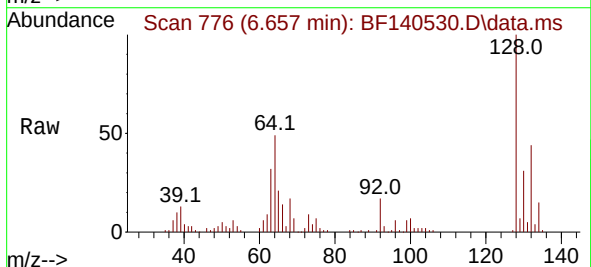
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

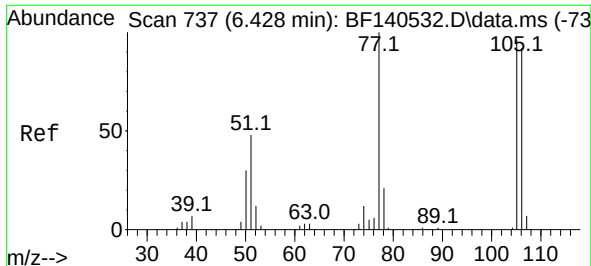
Tgt Ion: 99 Resp: 164515
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.1 30.6 46.0



#8
2-Chlorophenol
Concen: 10.531 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion: 128 Resp: 67572
Ion Ratio Lower Upper
128 100
130 31.5 12.3 52.3
64 48.7 30.2 70.2





#9

Benzaldehyde

Concen: 12.273 ng

RT: 6.422 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

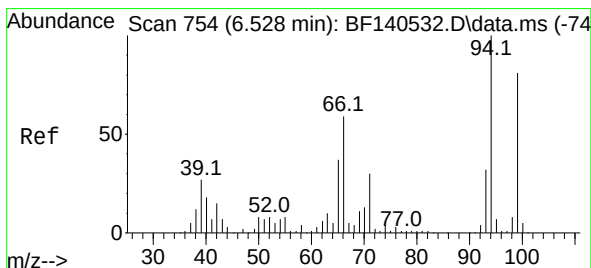
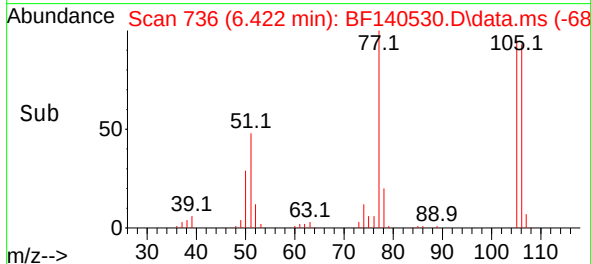
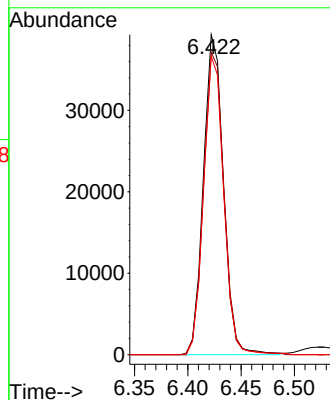
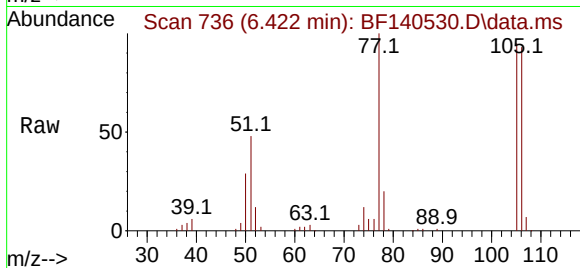
Tgt Ion: 77 Resp: 51225

Ion Ratio Lower Upper

77 100

105 94.5 75.6 115.6

106 93.3 72.0 112.0



#10

Phenol

Concen: 10.411 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

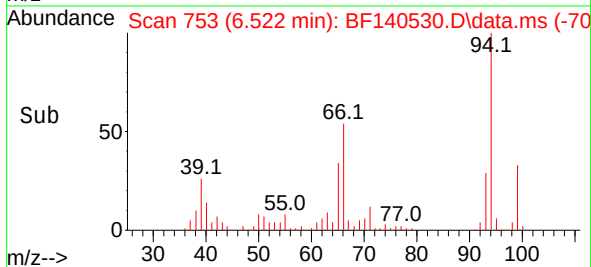
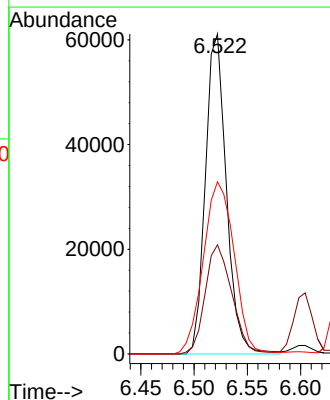
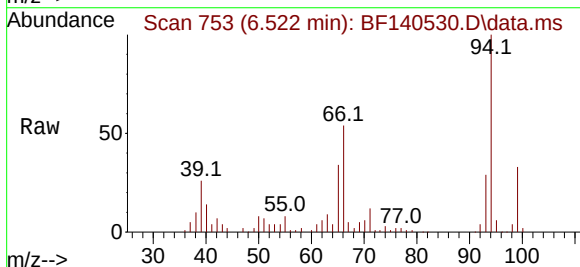
Tgt Ion: 94 Resp: 83830

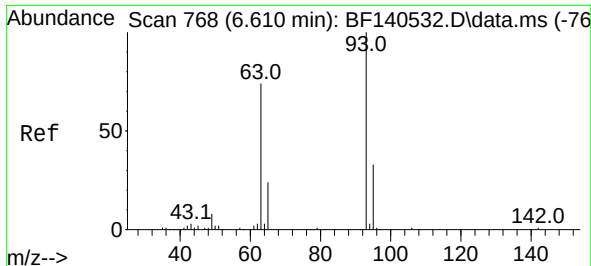
Ion Ratio Lower Upper

94 100

65 34.1 17.2 57.2

66 53.8 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 10.255 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

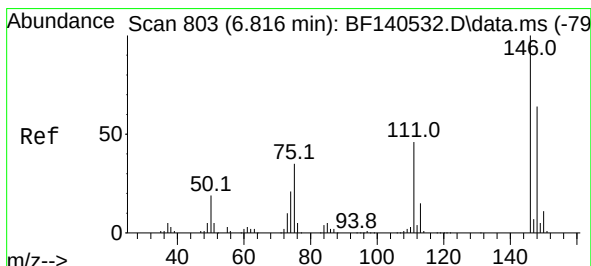
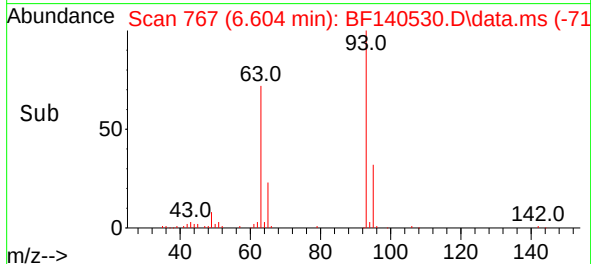
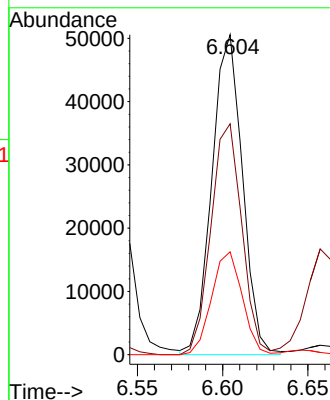
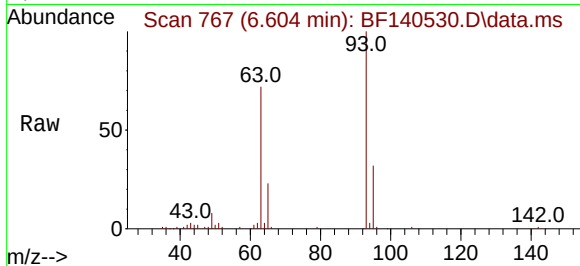
Tgt Ion: 93 Resp: 63186

Ion Ratio Lower Upper

93 100

63 72.2 52.8 92.8

95 32.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 10.533 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

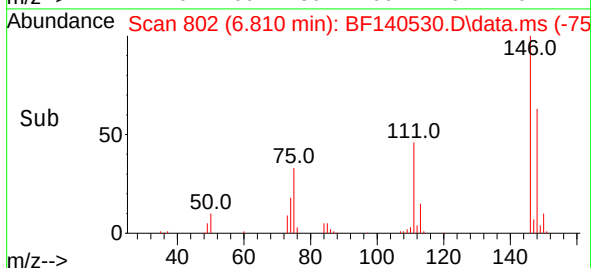
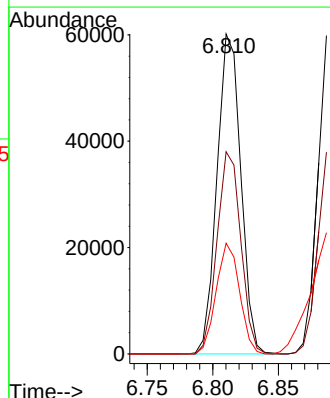
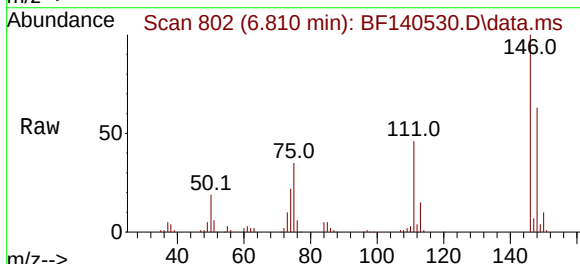
Tgt Ion: 146 Resp: 75941

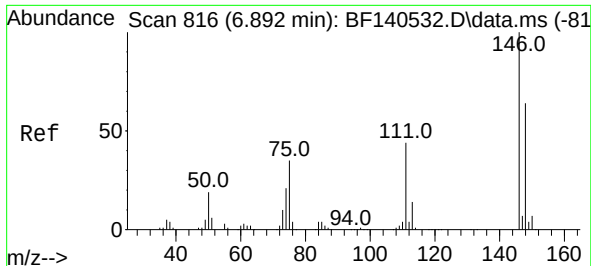
Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

75 34.6 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 10.464 ng

RT: 6.887 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

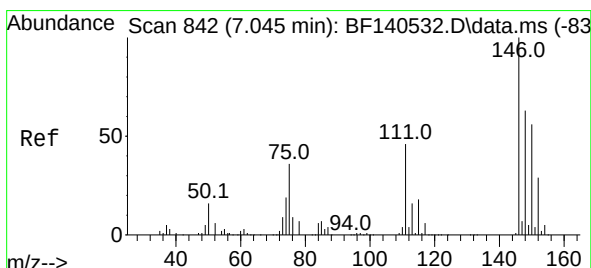
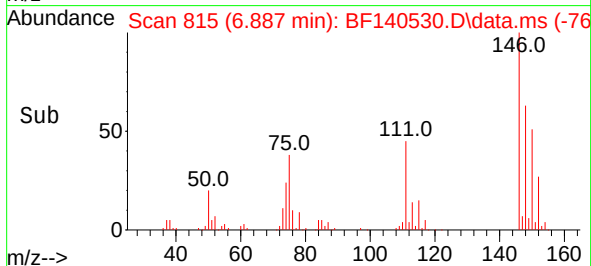
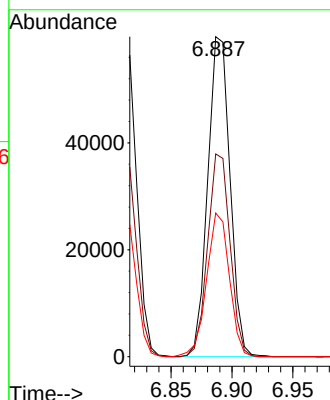
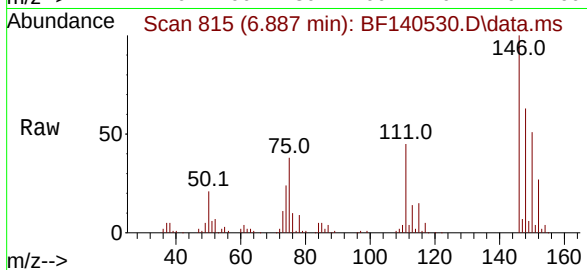
Tgt Ion:146 Resp: 76389

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

111 44.9 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 10.666 ng

RT: 7.040 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

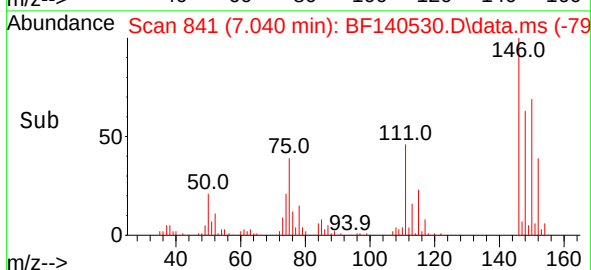
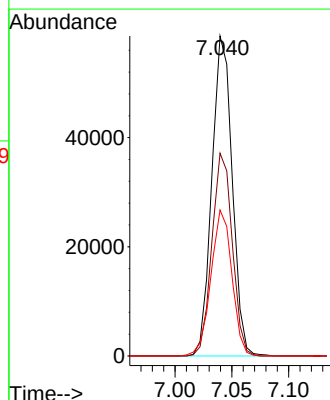
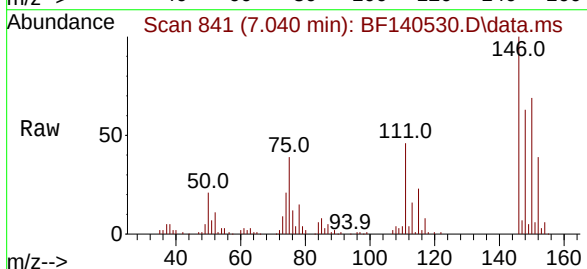
Tgt Ion:146 Resp: 72962

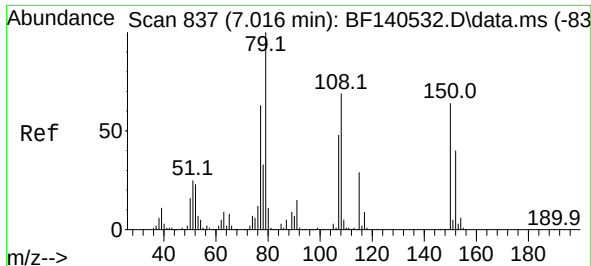
Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

111 45.6 36.7 55.1

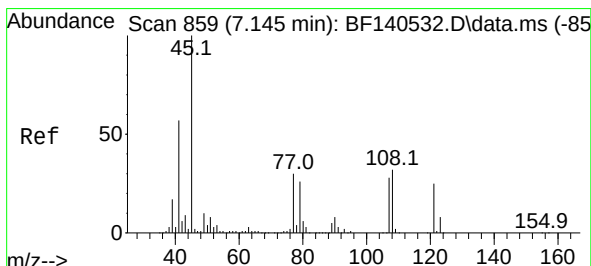
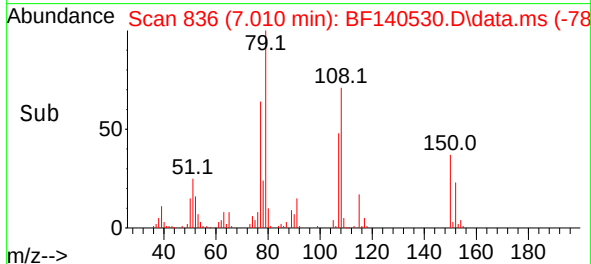
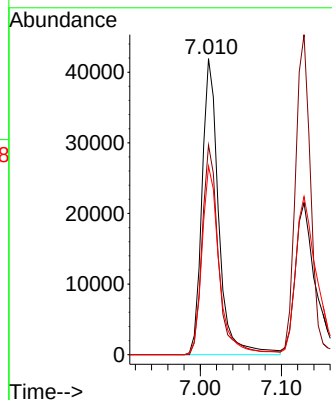
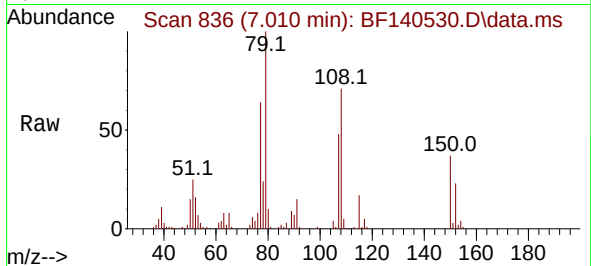




#15
Benzyl Alcohol
Concen: 10.218 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

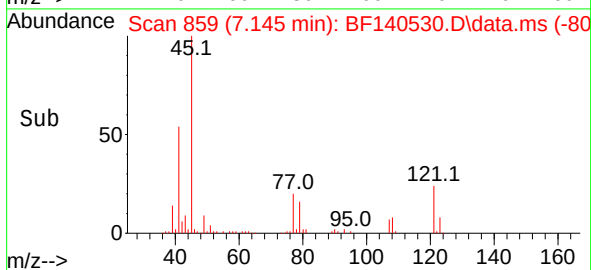
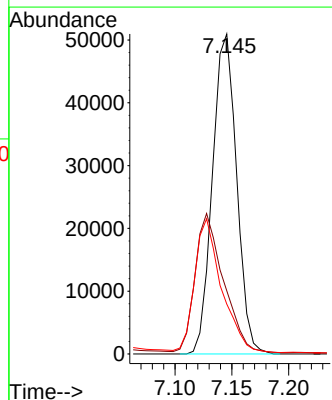
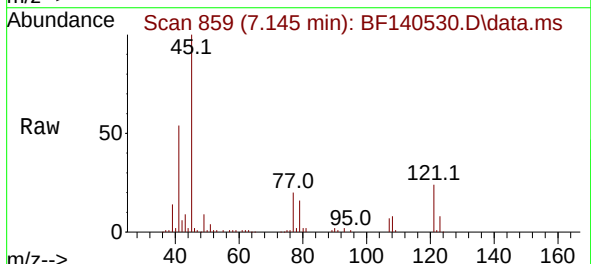
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

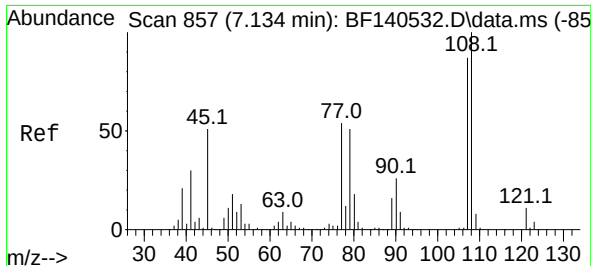
Tgt Ion: 79 Resp: 59748
Ion Ratio Lower Upper
79 100
108 70.8 55.0 82.6
77 63.7 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.344 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion: 45 Resp: 75295
Ion Ratio Lower Upper
45 100
77 19.7 10.7 50.7
79 15.6 7.0 47.0

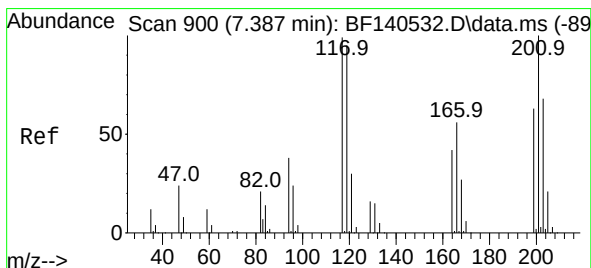
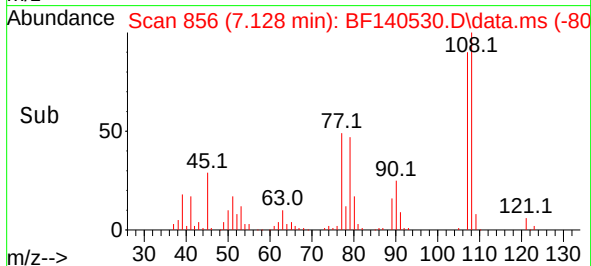
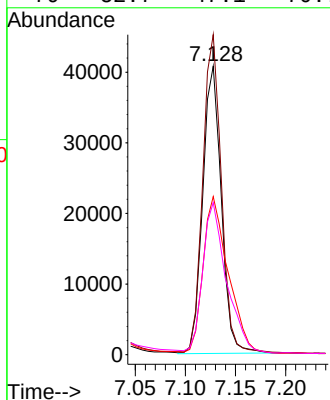
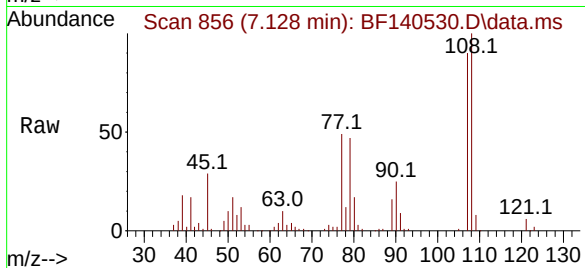




#17
2-Methylphenol
Concen: 10.241 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

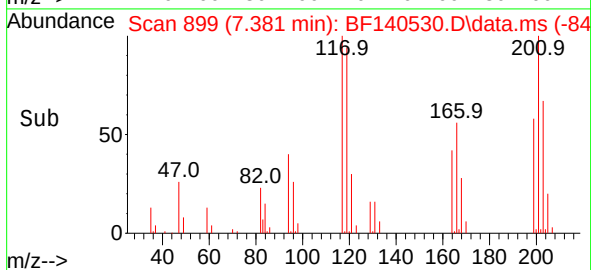
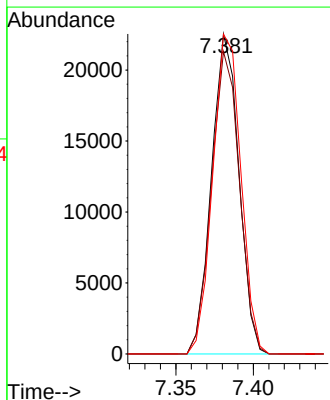
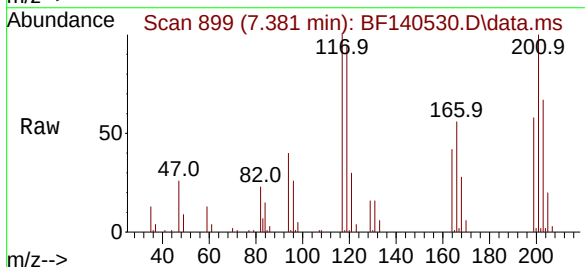
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

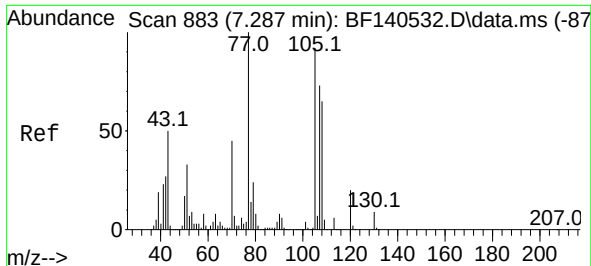
Tgt Ion:	107	Resp:	52599
Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	54.8	49.3	73.9
79	52.7	47.1	70.7



#18
Hexachloroethane
Concen: 10.165 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:	117	Resp:	27715
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.1	115.7
201	99.9	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.367 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 48309

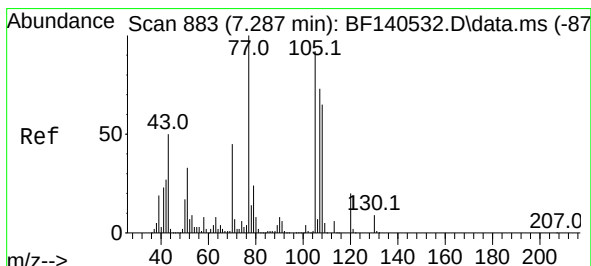
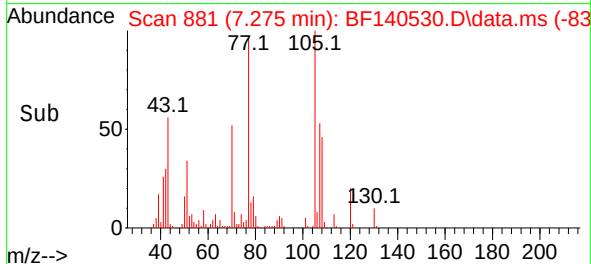
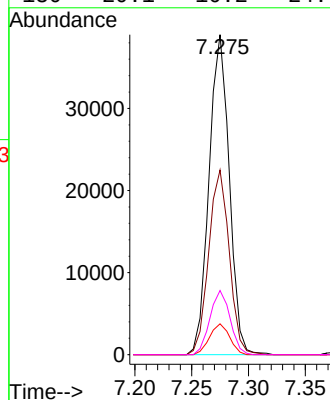
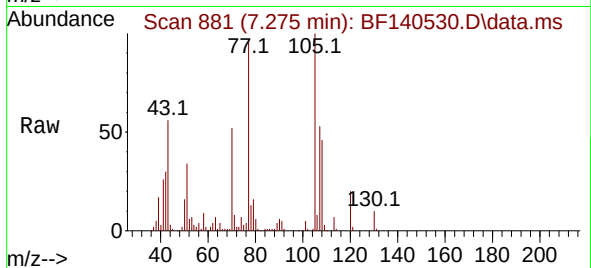
Ion Ratio Lower Upper

70 100

42 57.7 47.6 71.4

101 9.7 7.6 11.4

130 20.1 16.2 24.4



#20

3+4-Methylphenols

Concen: 10.496 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:107 Resp: 69290

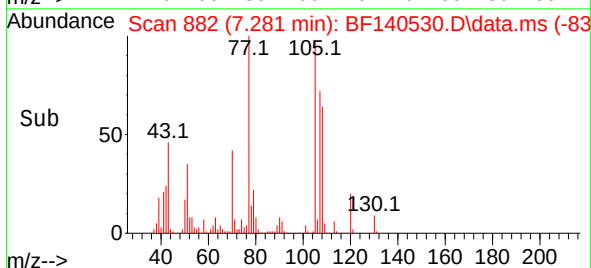
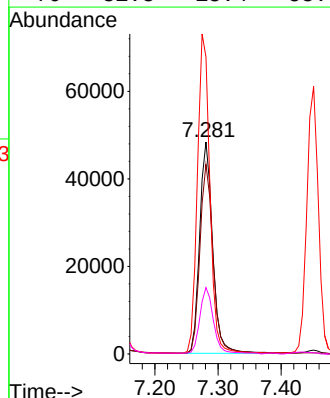
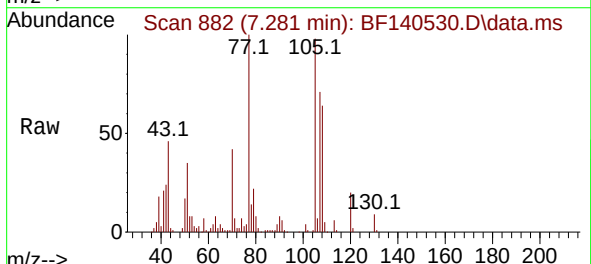
Ion Ratio Lower Upper

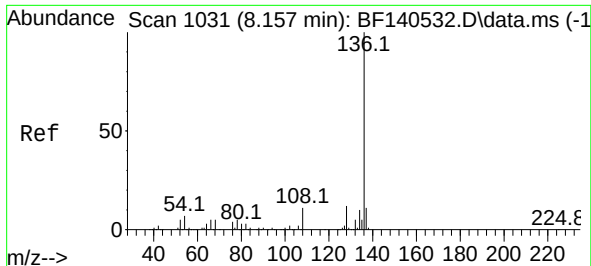
107 100

108 89.4 69.9 109.9

77 140.1 117.7 157.7

79 31.3 13.4 53.4



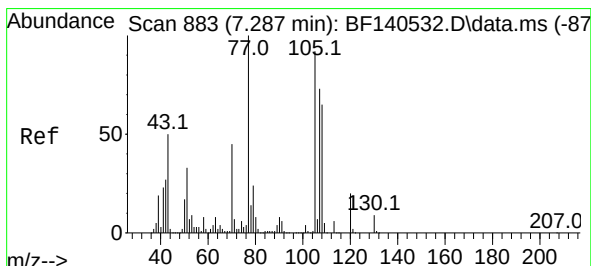
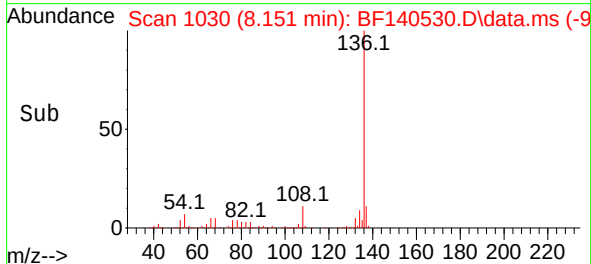
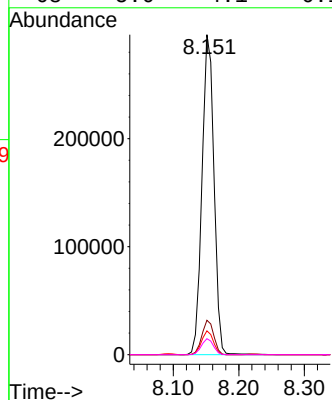
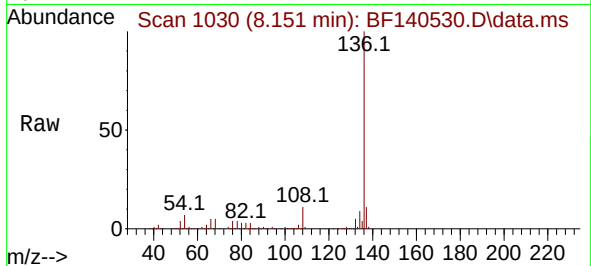


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 377828

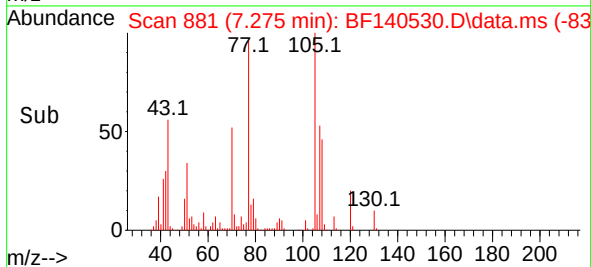
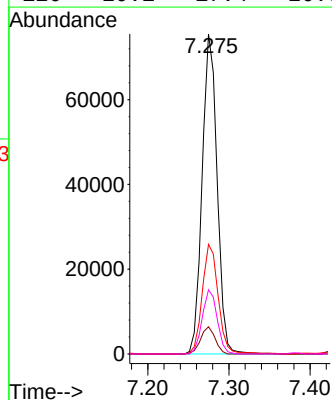
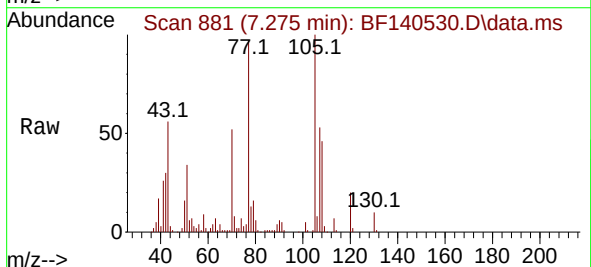
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.4	5.8	8.8
68	5.0	4.1	6.1

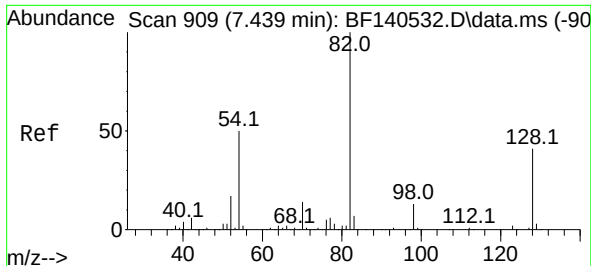


#22
Acetophenone
Concen: 10.489 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:105 Resp: 96618

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.2	9.2
51	34.3	29.0	43.6
120	20.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 20.633 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

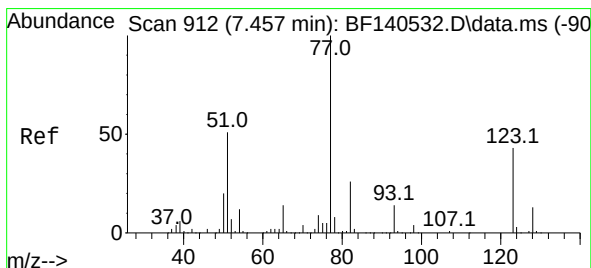
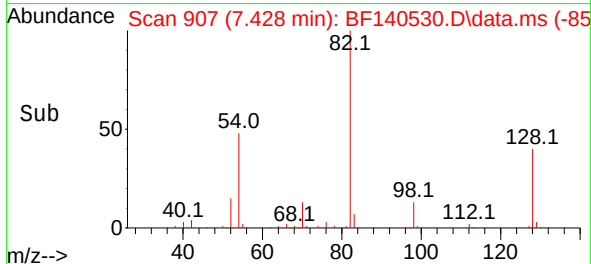
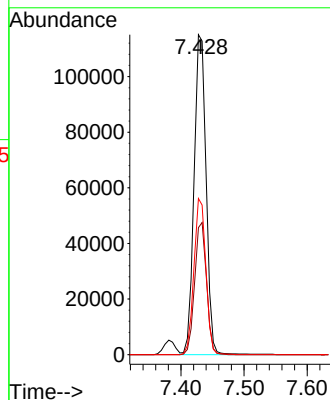
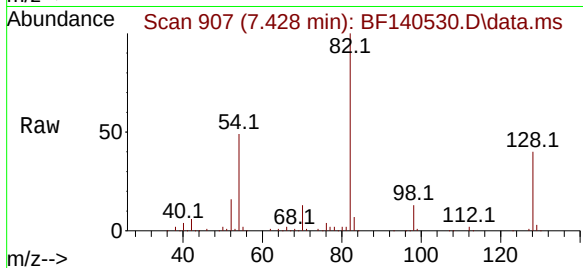
Tgt Ion: 82 Resp: 152410

Ion Ratio Lower Upper

82 100

128 39.7 33.0 49.4

54 48.8 39.5 59.3



#24

Nitrobenzene

Concen: 10.120 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

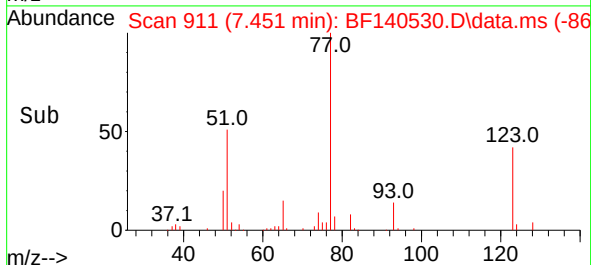
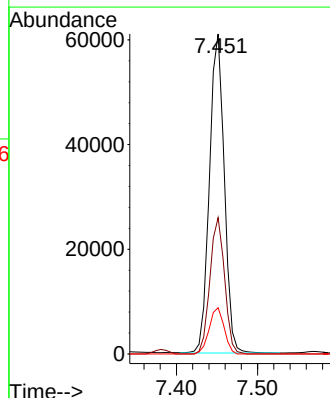
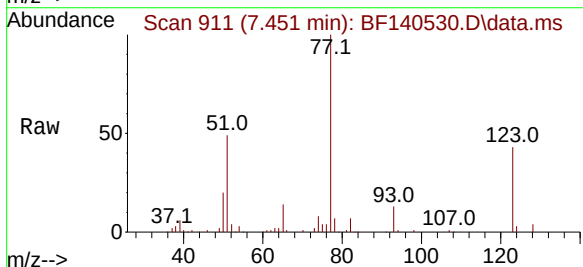
Tgt Ion: 77 Resp: 77259

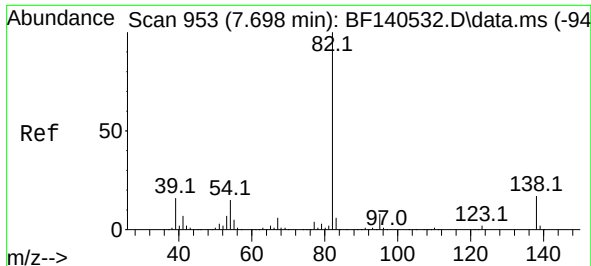
Ion Ratio Lower Upper

77 100

123 42.6 34.3 51.5

65 14.4 11.2 16.8

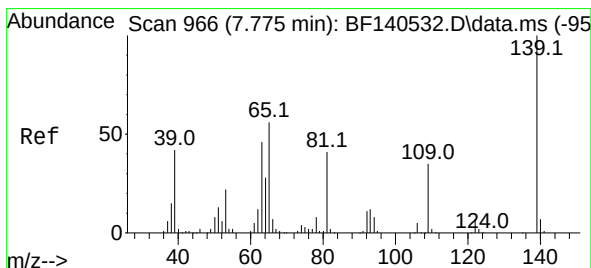
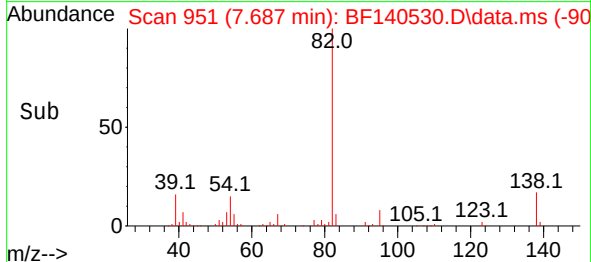
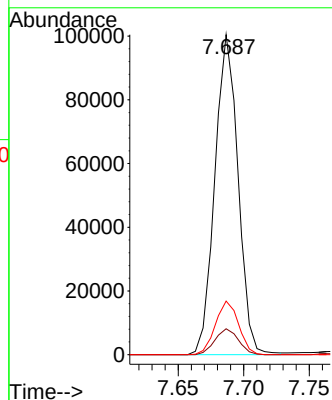
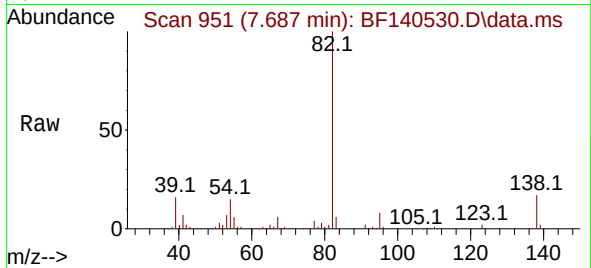




#25
Isophorone
Concen: 10.026 ng
RT: 7.687 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

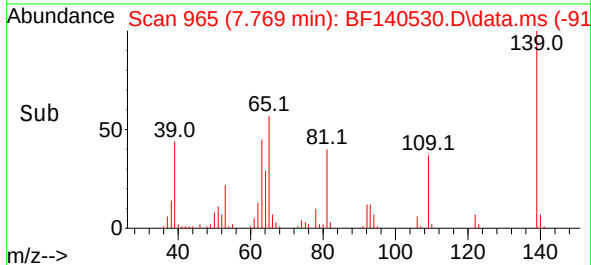
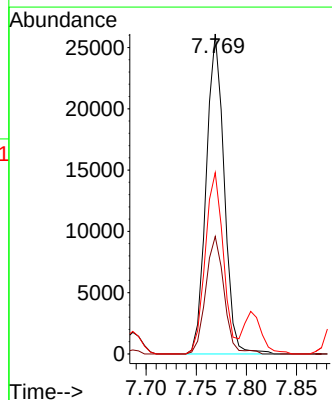
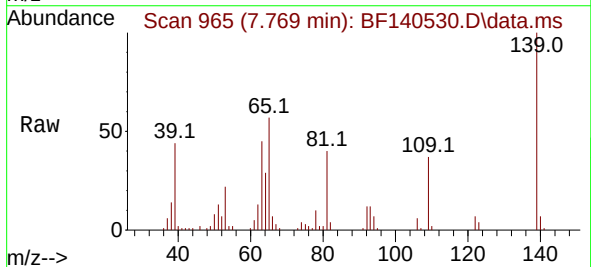
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

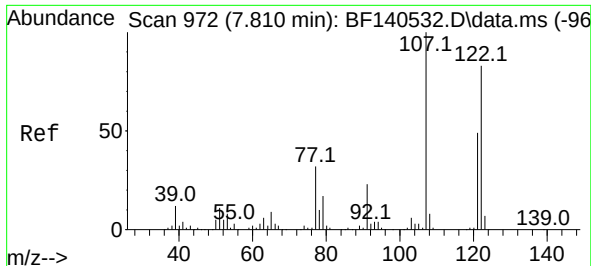
Tgt Ion: 82 Resp: 123528
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 16.7 13.8 20.6



#26
2-Nitrophenol
Concen: 9.625 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:139 Resp: 32564
Ion Ratio Lower Upper
139 100
109 36.7 28.0 42.0
65 56.7 44.6 67.0

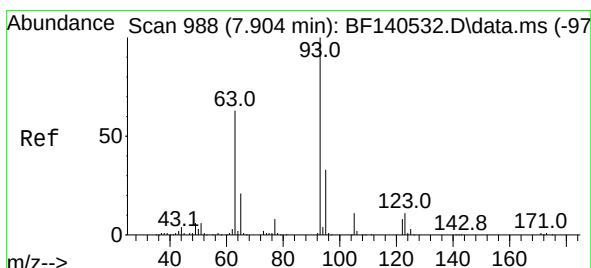
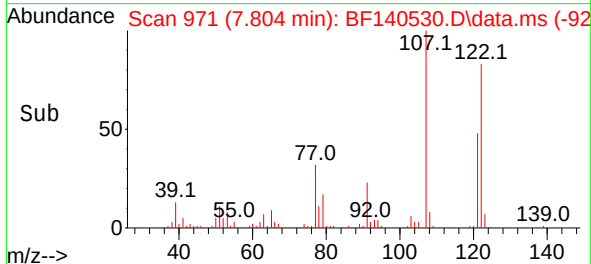
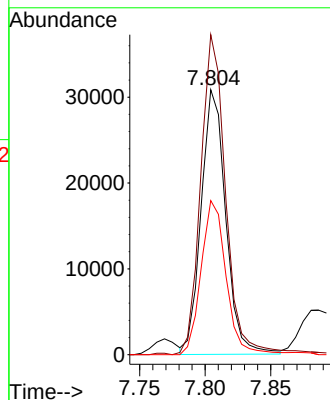
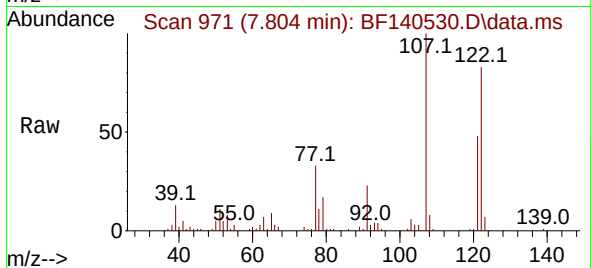




#27
2,4-Dimethylphenol
Concen: 9.986 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

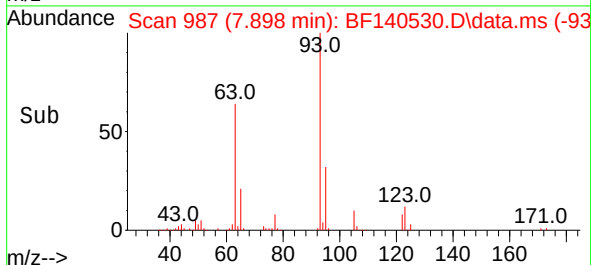
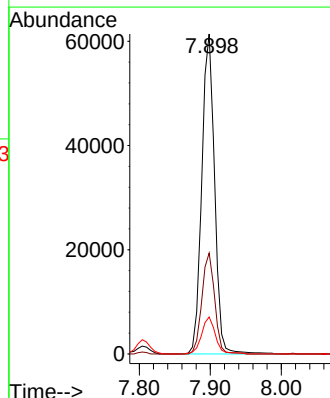
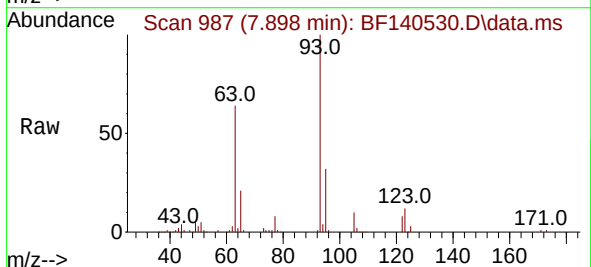
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

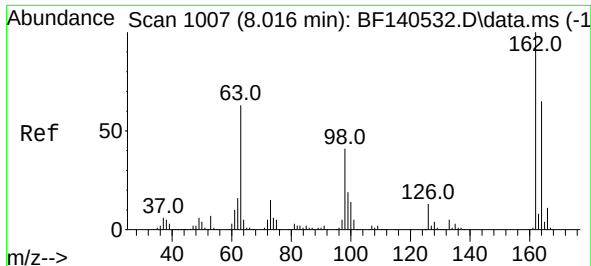
Tgt Ion:122 Resp: 40421
Ion Ratio Lower Upper
122 100
107 120.8 96.8 145.2
121 58.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 10.274 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion: 93 Resp: 77116
Ion Ratio Lower Upper
93 100
95 31.6 26.1 39.1
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 10.261 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

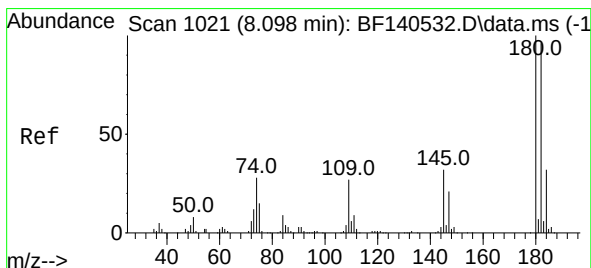
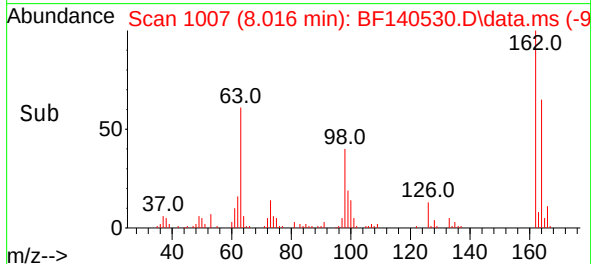
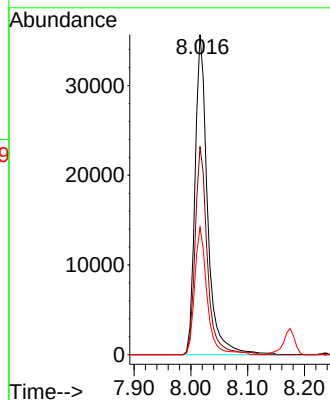
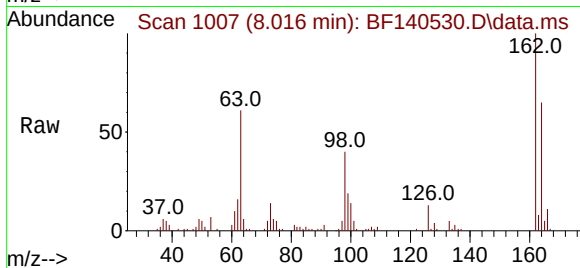
Tgt Ion:162 Resp: 55037

Ion Ratio Lower Upper

162 100

164 65.0 44.8 84.8

98 39.8 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 10.413 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

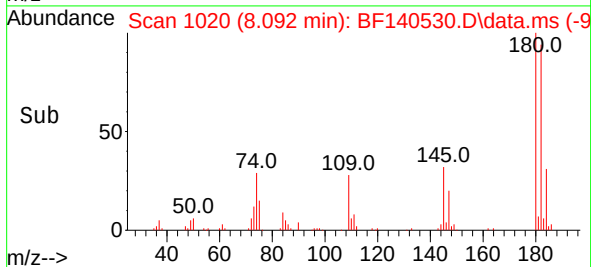
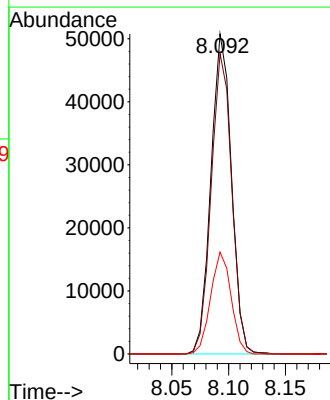
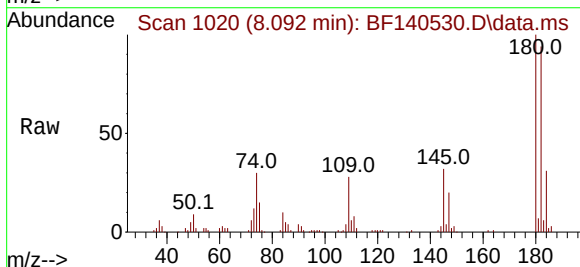
Tgt Ion:180 Resp: 63769

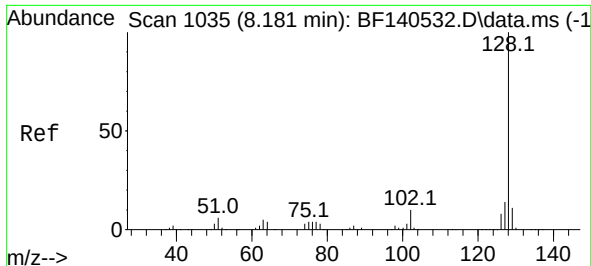
Ion Ratio Lower Upper

180 100

182 93.8 76.4 114.6

145 31.8 25.9 38.9





#31

Naphthalene

Concen: 10.434 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

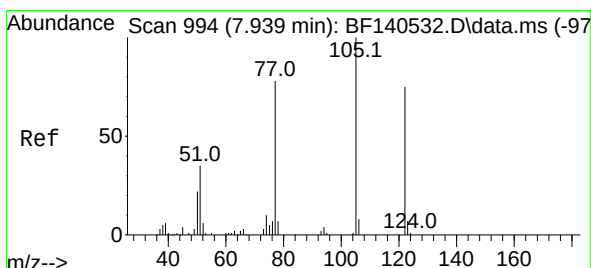
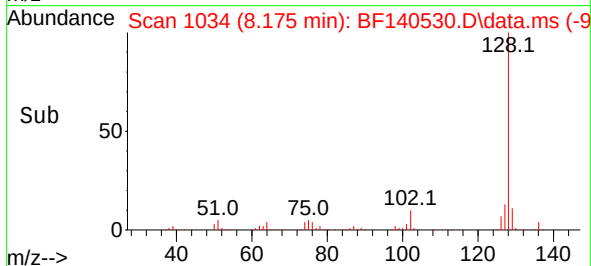
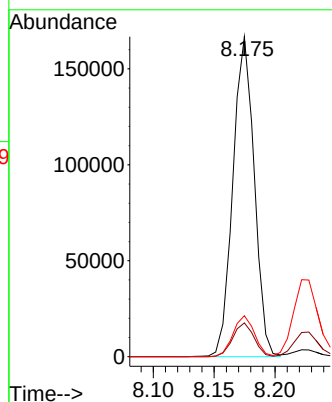
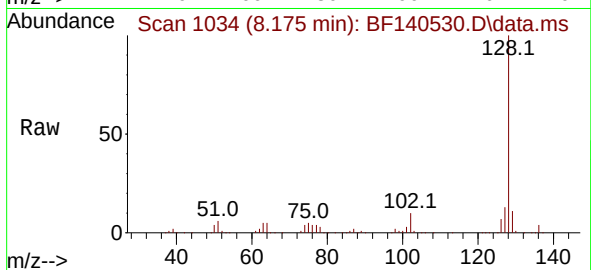
Tgt Ion:128 Resp: 203054

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 12.8 10.8 16.2



#32

Benzoic acid

Concen: 11.455 ng

RT: 7.887 min Scan# 985

Delta R.T. -0.052 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

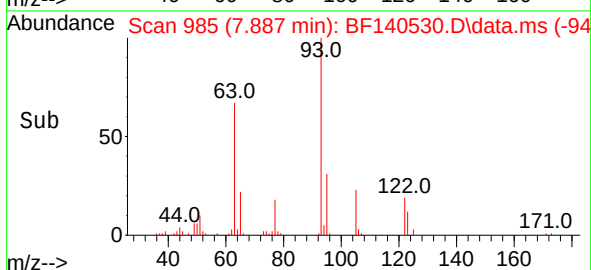
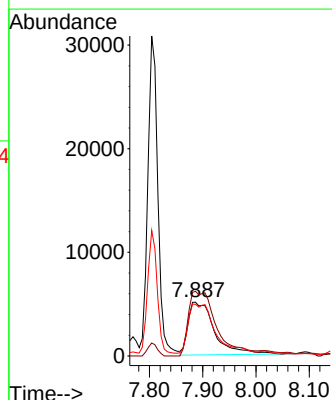
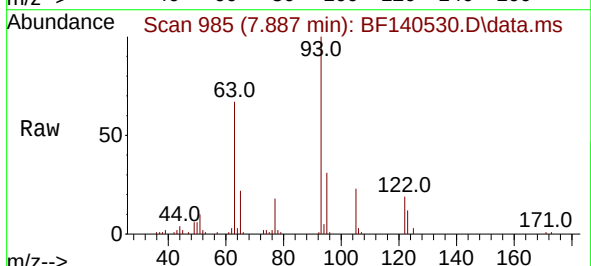
Tgt Ion:122 Resp: 17662

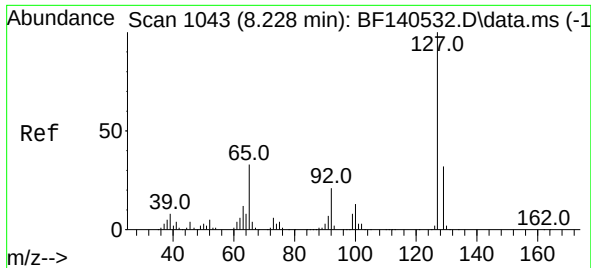
Ion Ratio Lower Upper

122 100

105 120.1 109.3 149.3

77 96.0 82.3 122.3

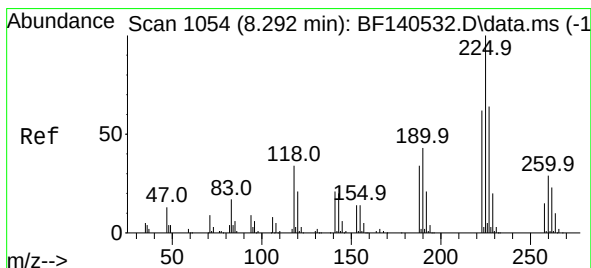
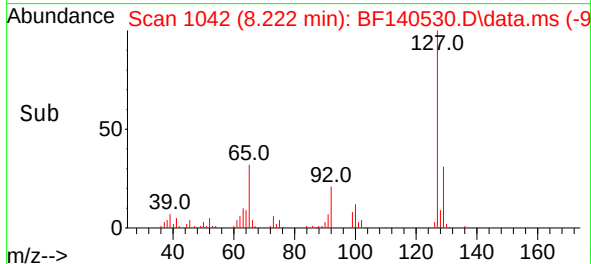
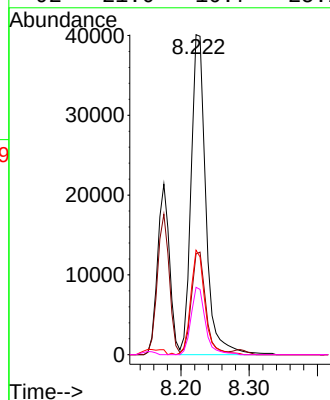
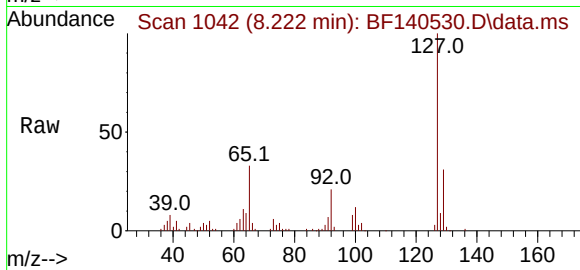




#33
4-Chloroaniline
Concen: 10.315 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

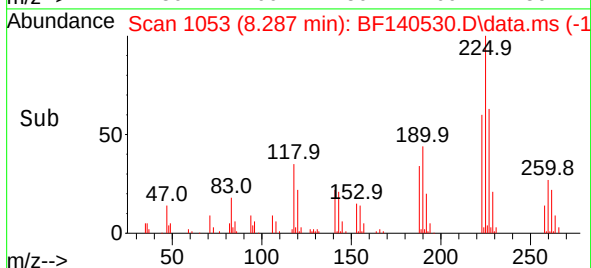
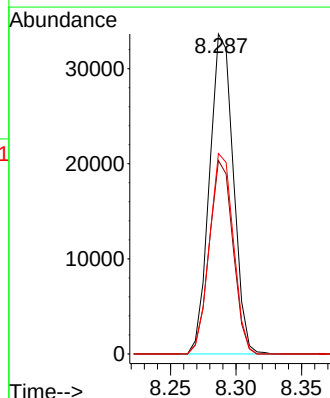
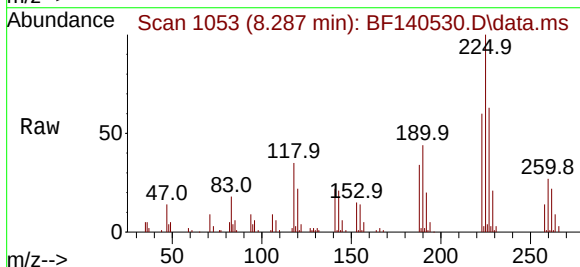
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

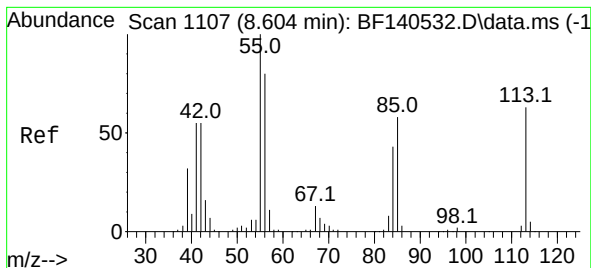
Tgt Ion:	127	Resp:	60102
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	32.6	26.0	39.0
92	21.0	16.7	25.1



#34
Hexachlorobutadiene
Concen: 10.472 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:	225	Resp:	42479
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.8	74.8
227	62.7	51.3	76.9





#35

Caprolactam

Concen: 10.317 ng

RT: 8.563 min Scan# 1107

Delta R.T. -0.041 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

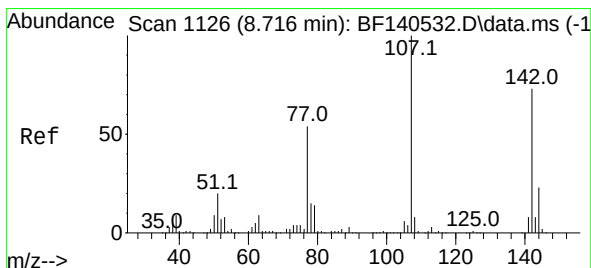
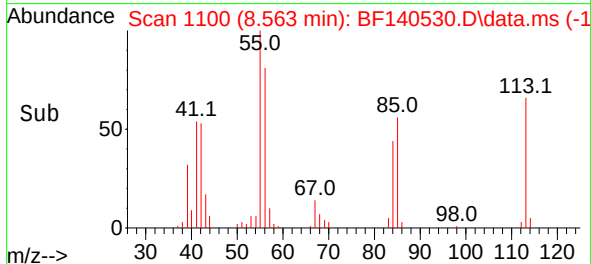
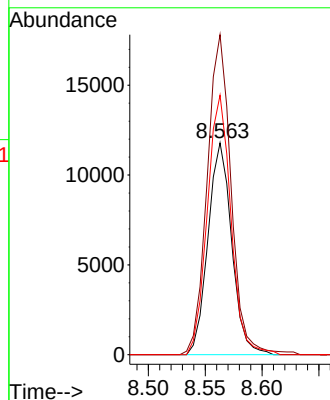
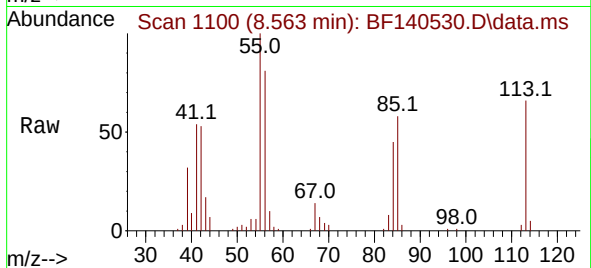
Tgt Ion:113 Resp: 17126

Ion Ratio Lower Upper

113 100

55 151.0 137.7 177.7

56 122.5 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 10.008 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

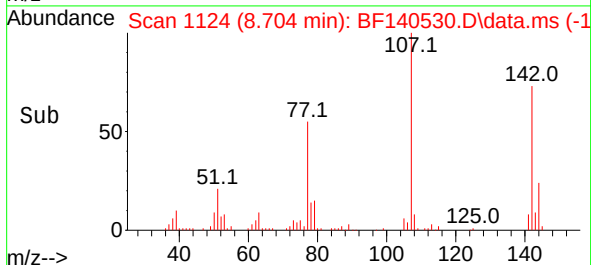
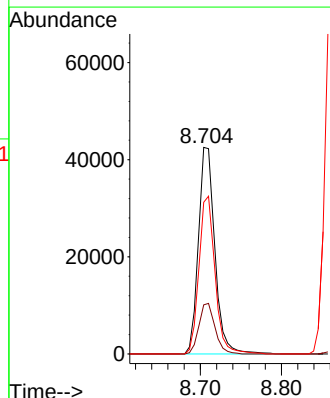
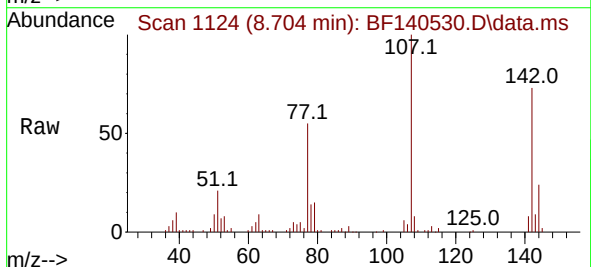
Tgt Ion:107 Resp: 60104

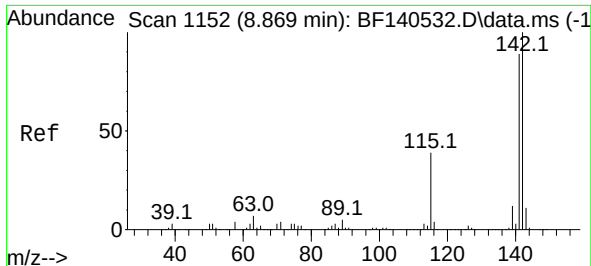
Ion Ratio Lower Upper

107 100

144 23.8 18.7 28.1

142 73.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 10.387 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

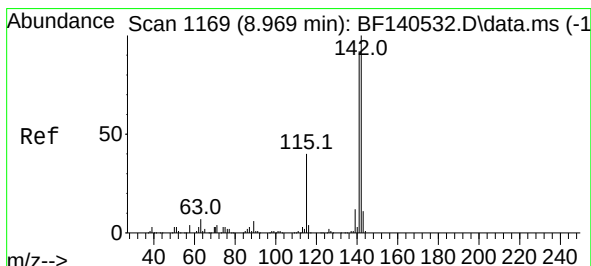
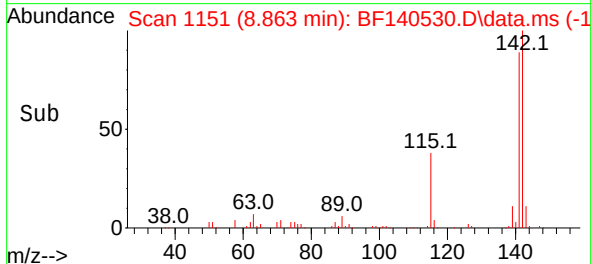
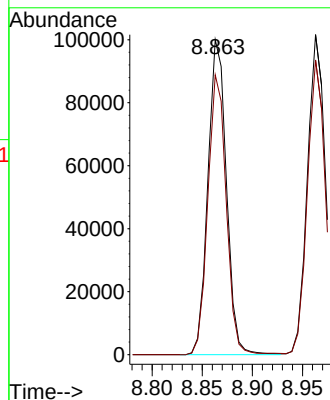
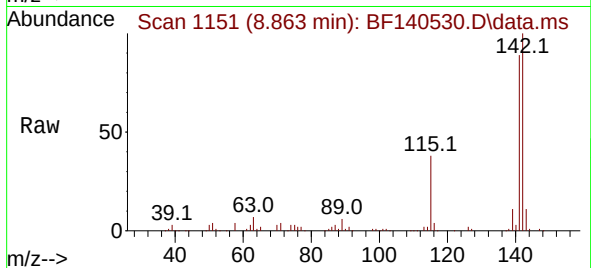
SSTDICC010

Tgt Ion:142 Resp: 128393

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 10.372 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140530.D

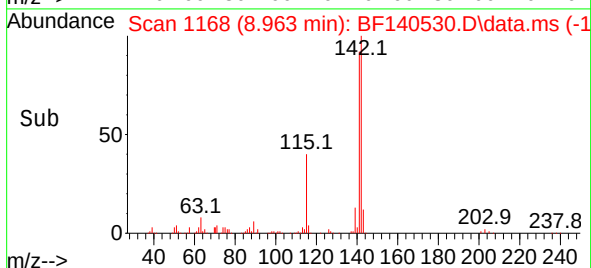
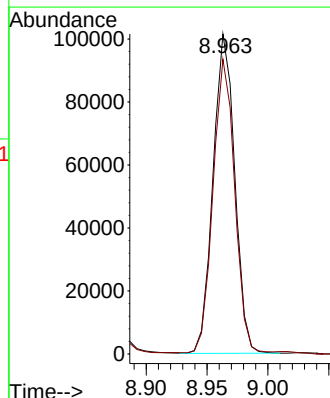
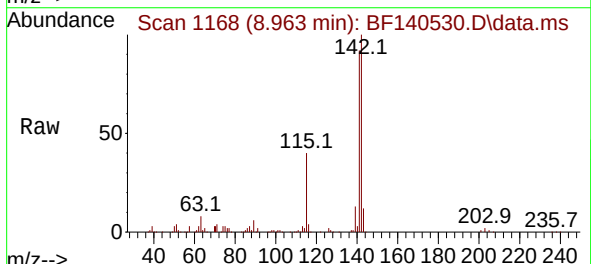
Acq: 21 Nov 2024 12:05

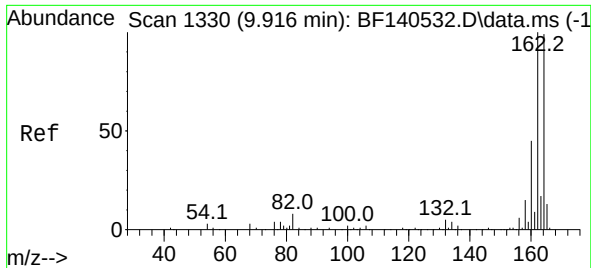
Tgt Ion:142 Resp: 125672

Ion Ratio Lower Upper

142 100

141 92.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

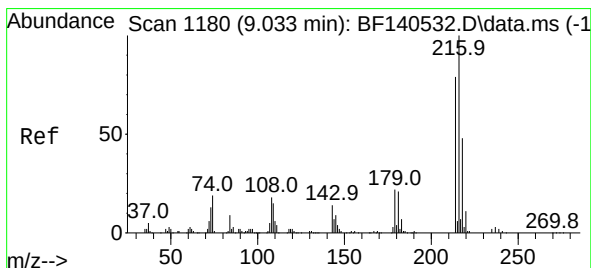
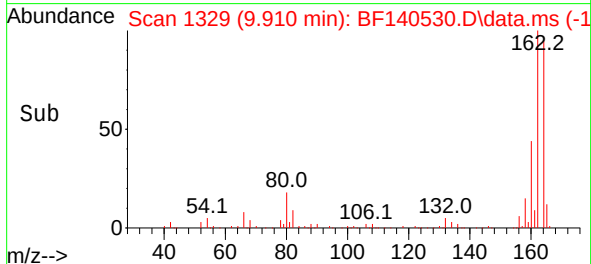
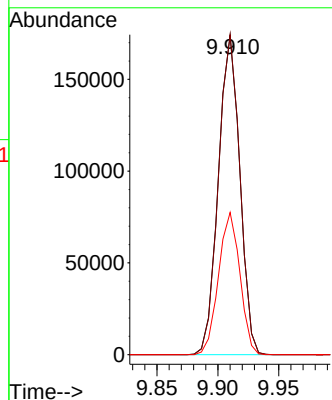
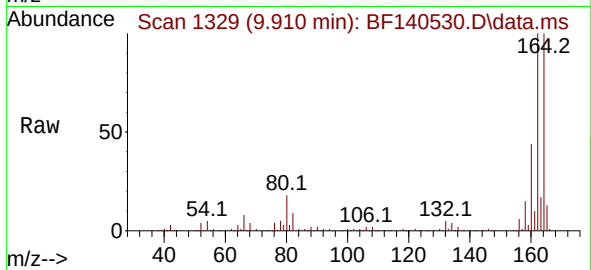
Tgt Ion:164 Resp: 213774

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 44.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.308 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:216 Resp: 64508

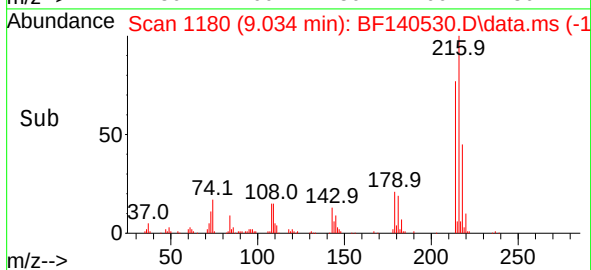
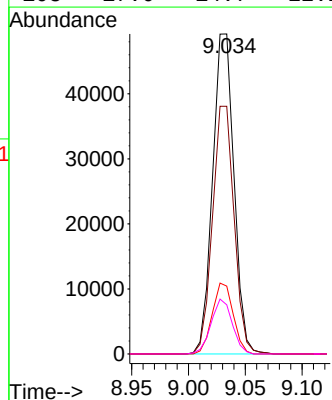
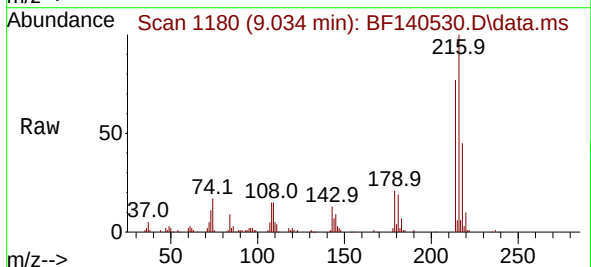
Ion Ratio Lower Upper

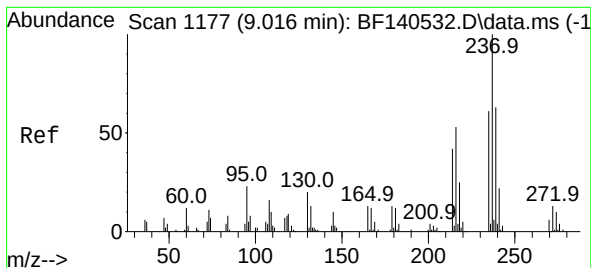
216 100

214 78.0 63.0 94.4

179 21.7 17.5 26.3

108 17.0 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 11.063 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

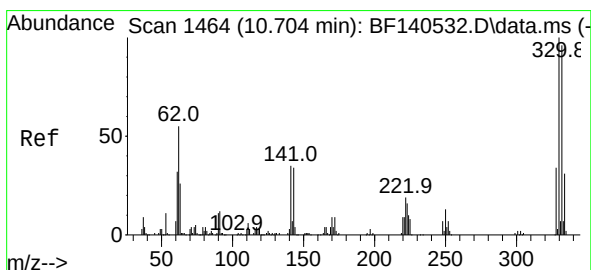
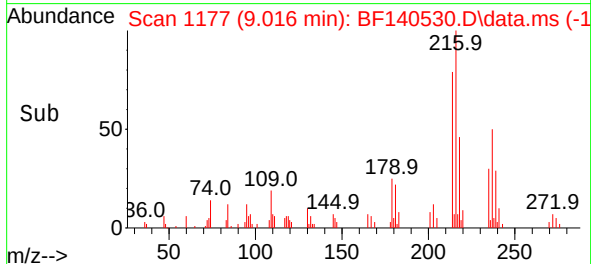
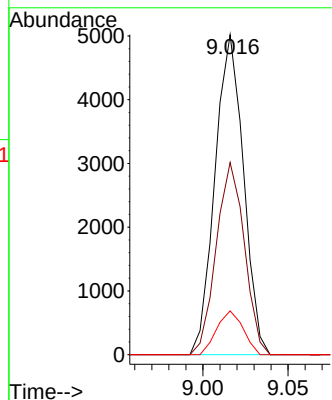
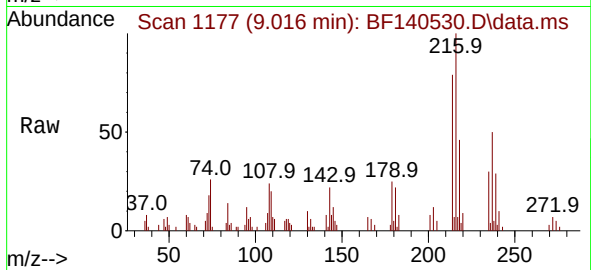
Tgt Ion:237 Resp: 5836

Ion Ratio Lower Upper

237 100

235 60.1 41.1 81.1

272 13.7 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 19.519 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

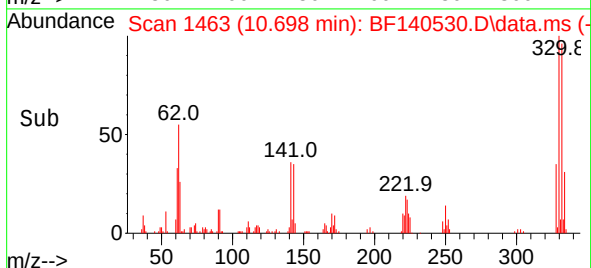
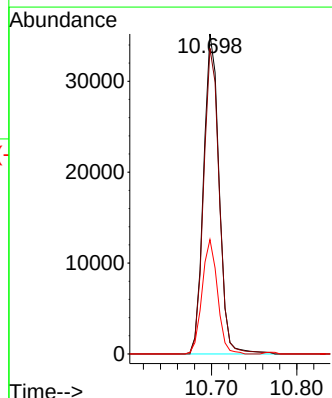
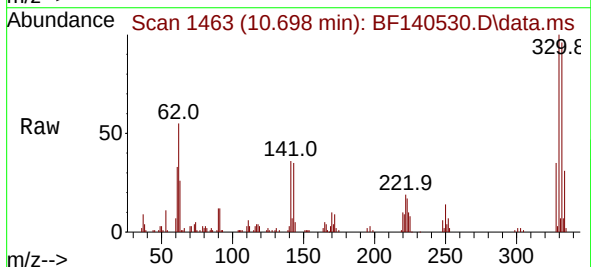
Tgt Ion:330 Resp: 44626

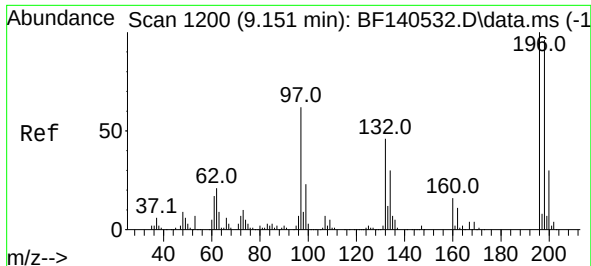
Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 35.3 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 9.748 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

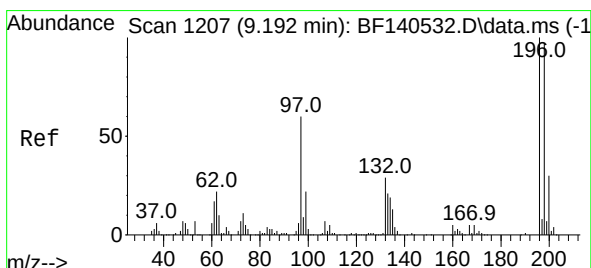
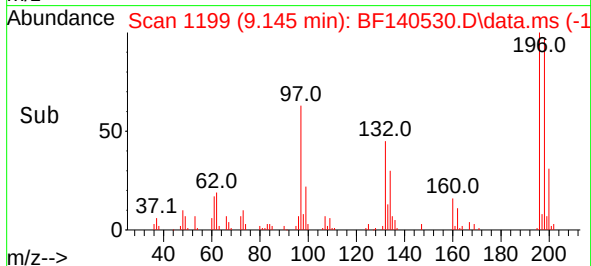
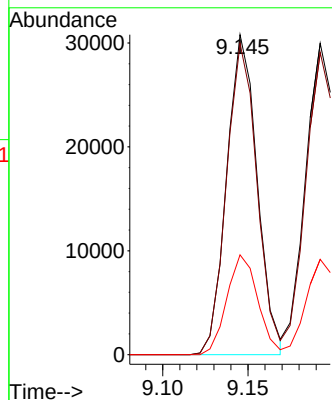
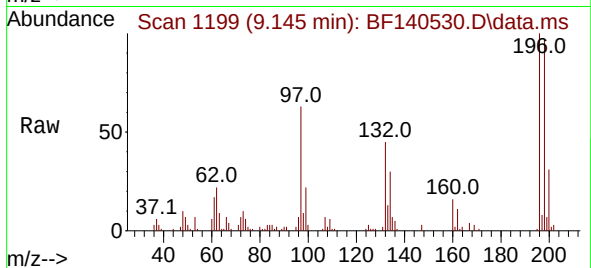
Tgt Ion:196 Resp: 38279

Ion Ratio Lower Upper

196 100

198 97.3 76.8 115.2

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 9.930 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:196 Resp: 42321

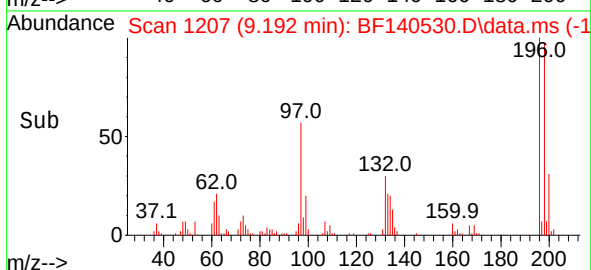
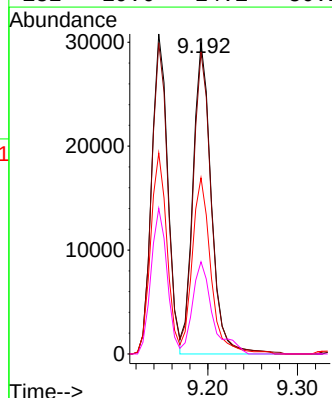
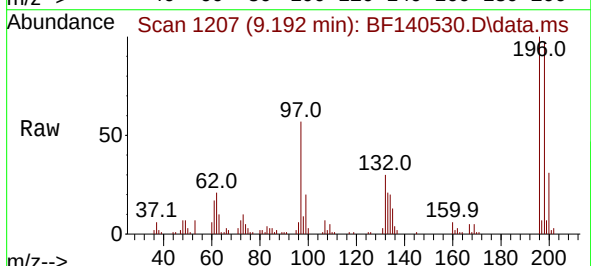
Ion Ratio Lower Upper

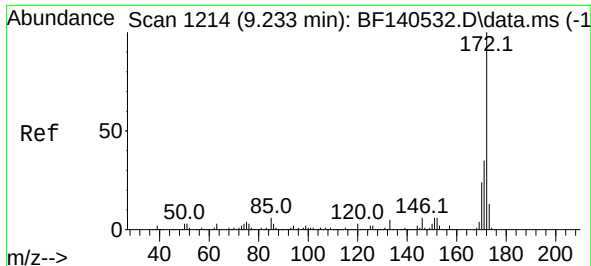
196 100

198 97.0 77.2 115.8

97 56.6 47.1 70.7

132 29.6 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 20.896 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

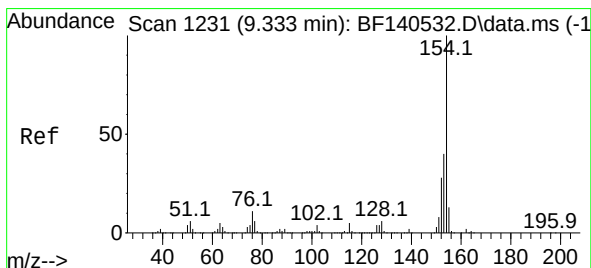
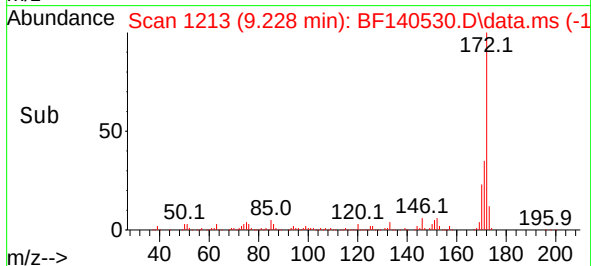
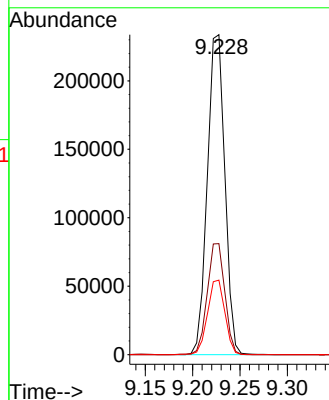
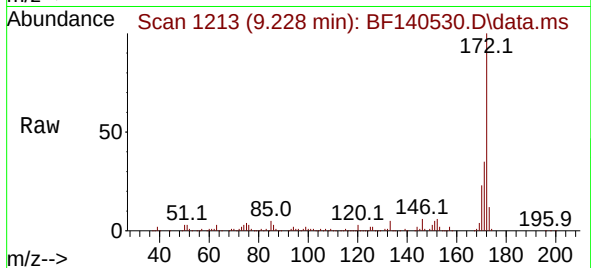
Tgt Ion:172 Resp: 299817

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 10.244 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

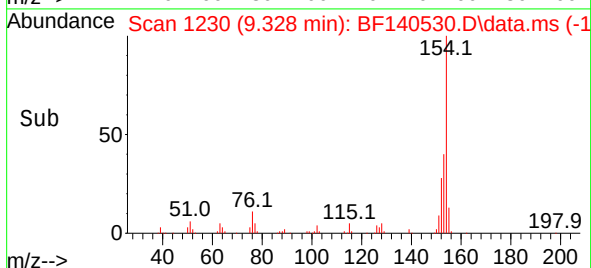
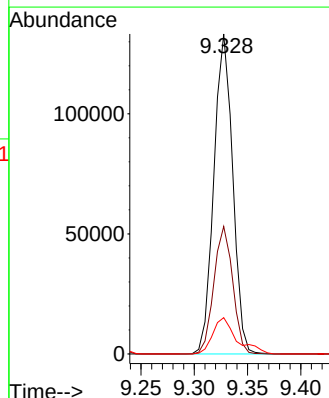
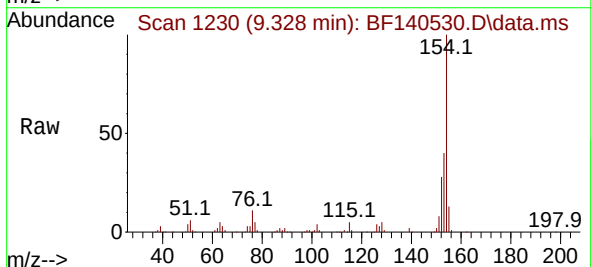
Tgt Ion:154 Resp: 163500

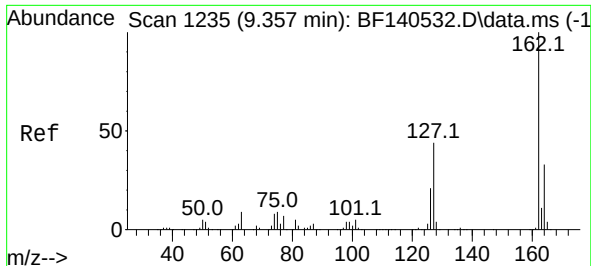
Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 10.117 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

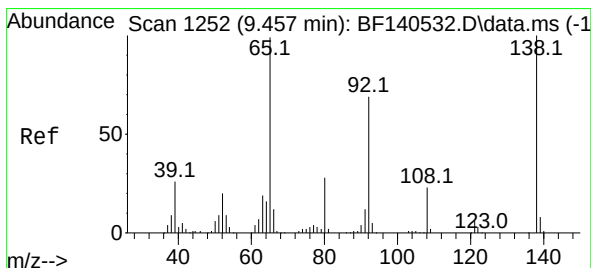
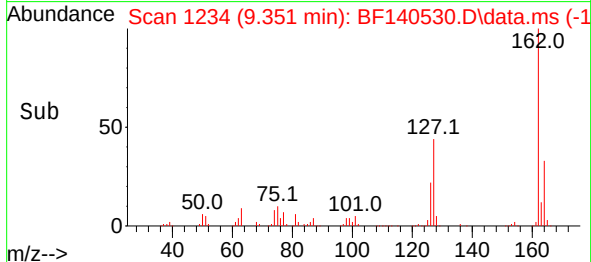
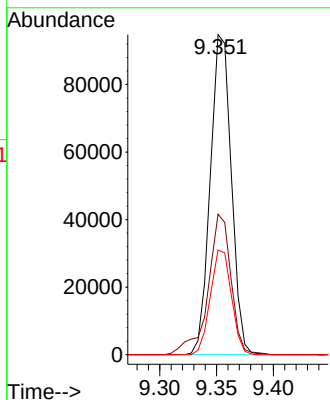
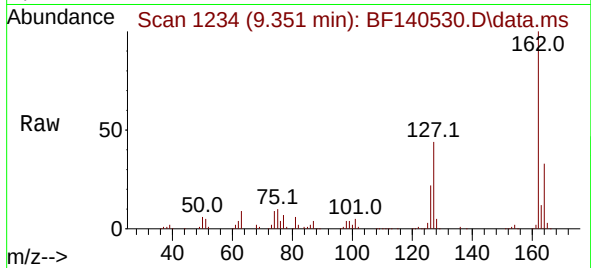
Tgt Ion:162 Resp: 122350

Ion Ratio Lower Upper

162 100

127 43.9 35.7 53.5

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 9.655 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

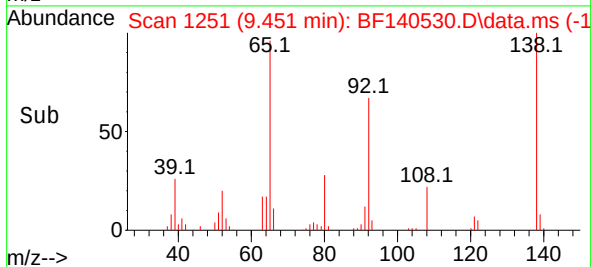
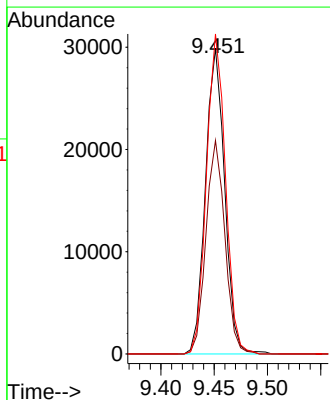
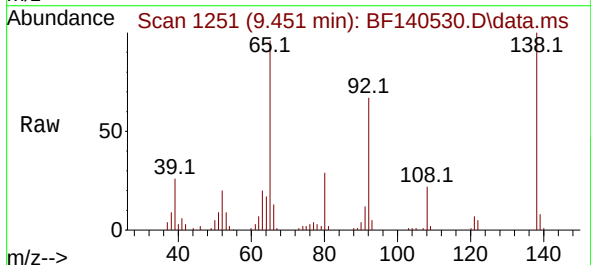
Tgt Ion: 65 Resp: 37481

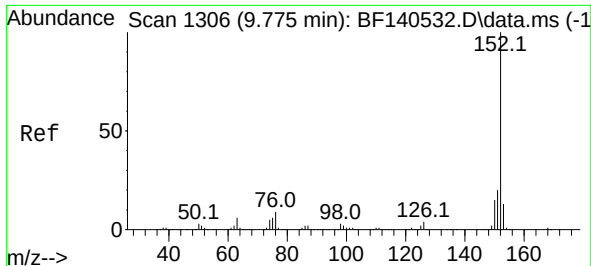
Ion Ratio Lower Upper

65 100

92 69.8 56.1 84.1

138 104.7 81.0 121.6





#49

Acenaphthylene

Concen: 10.326 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140530.D

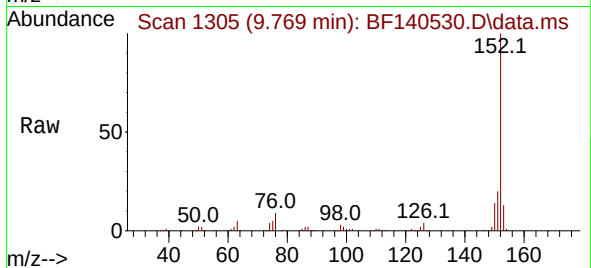
Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

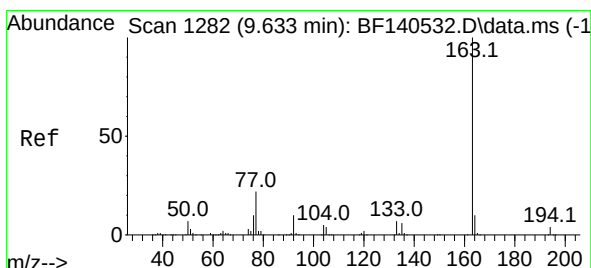
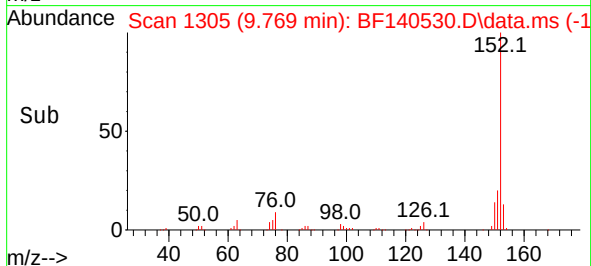
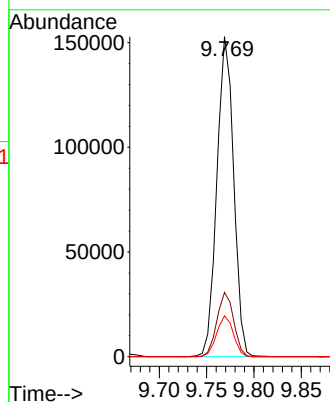
ClientSampleId :

SSTDICC010



Tgt Ion:152 Resp: 188676

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.8	10.6	16.0



#50

Dimethylphthalate

Concen: 10.092 ng

RT: 9.622 min Scan# 1280

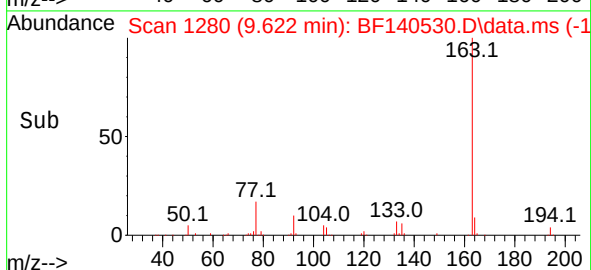
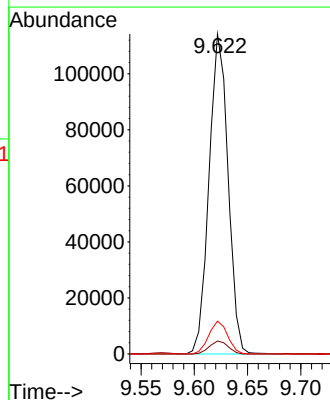
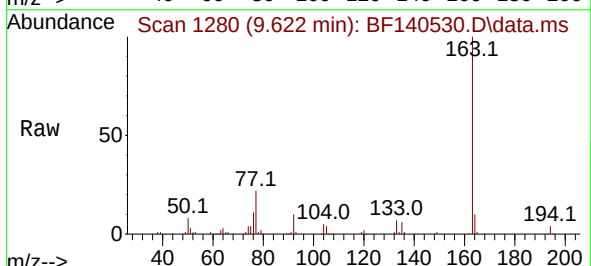
Delta R.T. -0.012 min

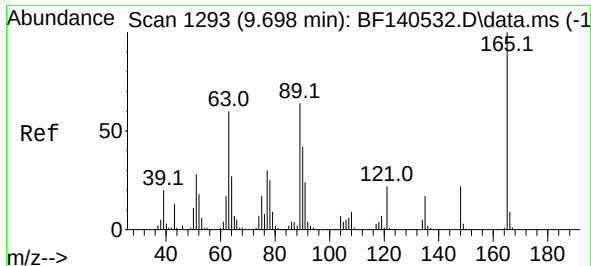
Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Tgt Ion:163 Resp: 142079

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.2	8.2	12.2

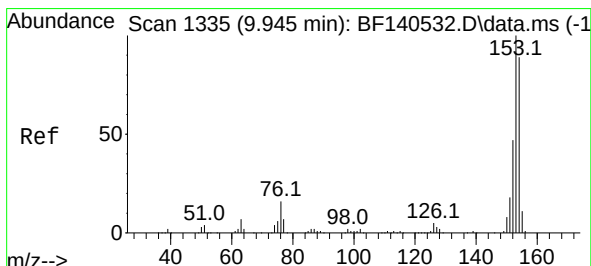
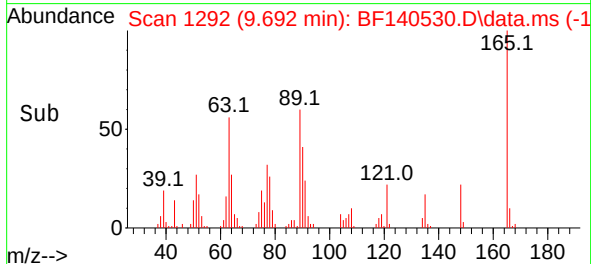
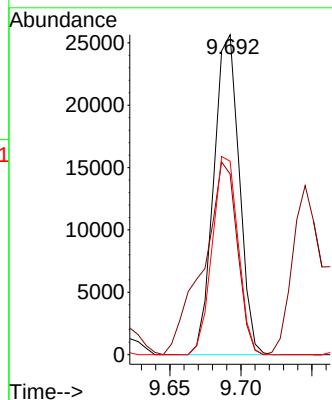
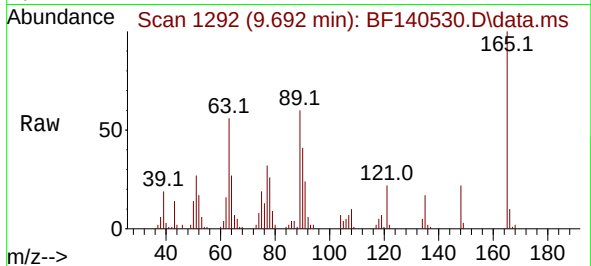




#51
2,6-Dinitrotoluene
Concen: 10.021 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

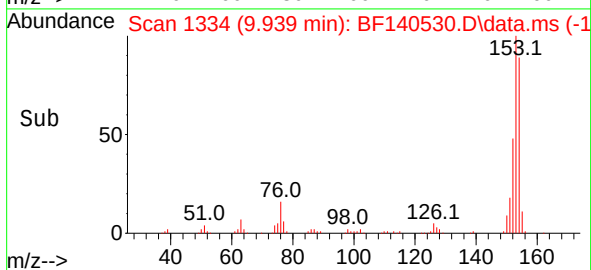
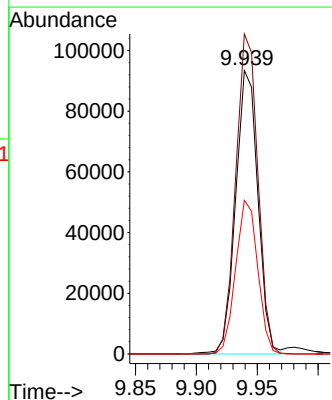
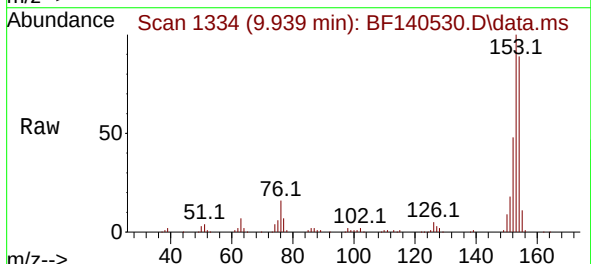
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

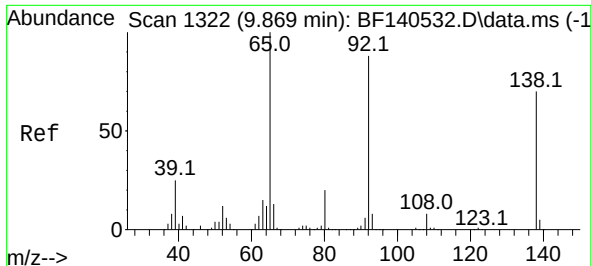
Tgt Ion:165 Resp: 31999
Ion Ratio Lower Upper
165 100
63 56.5 49.9 74.9
89 60.4 50.9 76.3



#52
Acenaphthene
Concen: 10.031 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:154 Resp: 118691
Ion Ratio Lower Upper
154 100
153 112.8 89.7 134.5
152 54.2 42.5 63.7

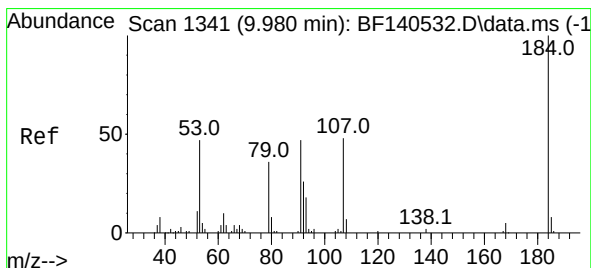
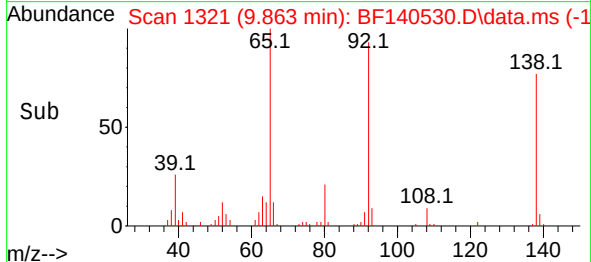
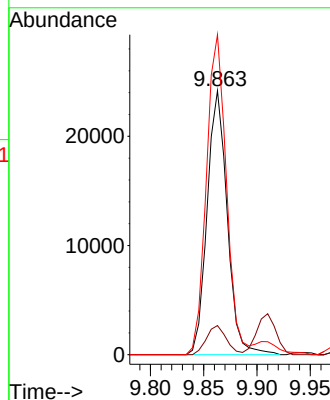
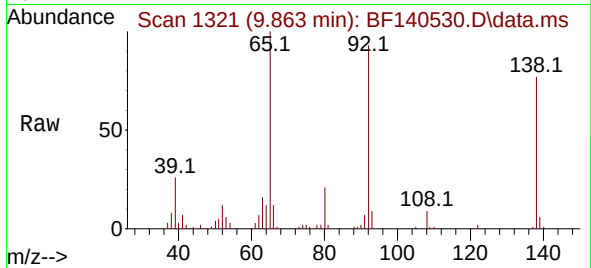




#53
3-Nitroaniline
Concen: 10.177 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

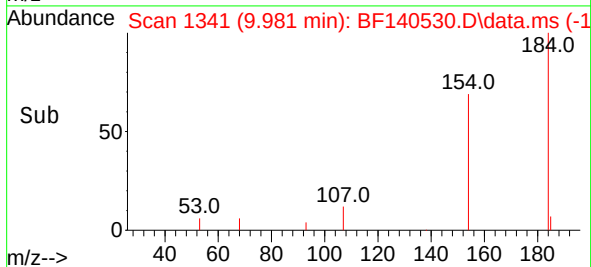
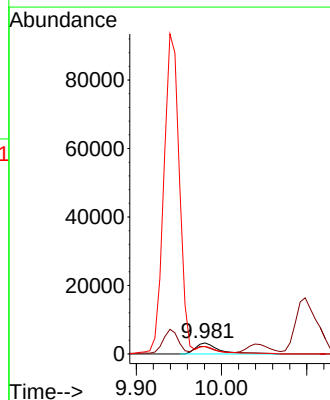
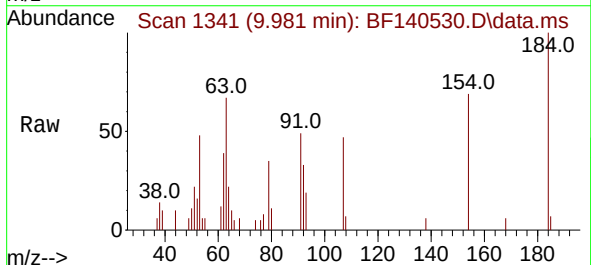
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

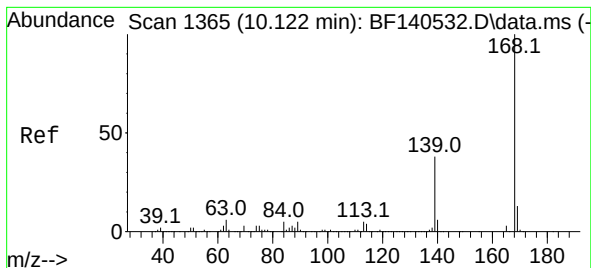
Tgt Ion:138 Resp: 31781
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 121.2 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 11.143 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:184 Resp: 6086
Ion Ratio Lower Upper
184 100
63 67.4 54.1 81.1
154 68.7 57.4 86.0





#55

Dibenzenofuran

Concen: 10.497 ng

RT: 10.116 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

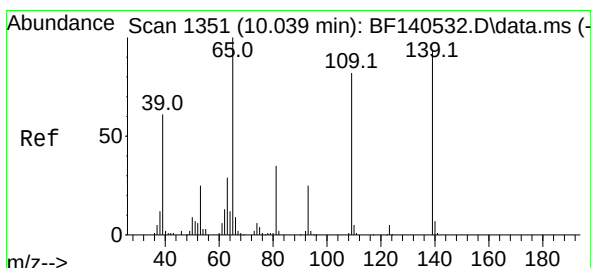
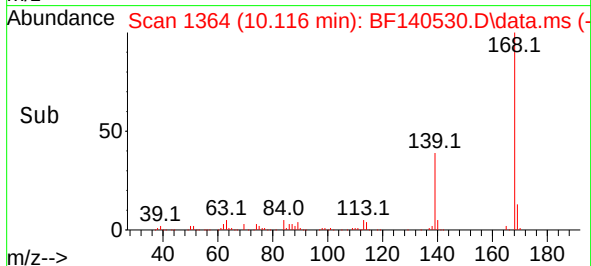
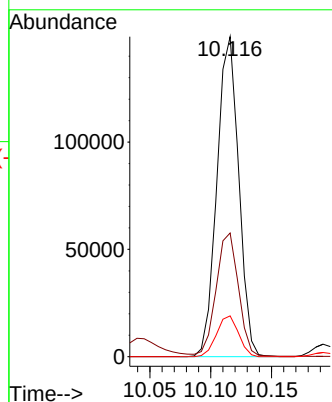
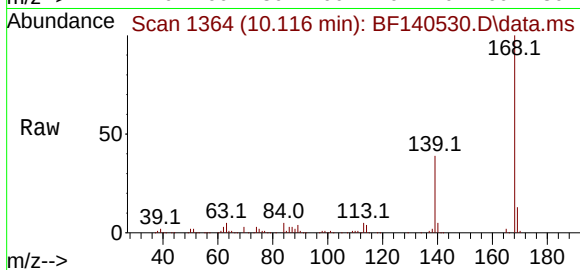
Tgt Ion:168 Resp: 185902

Ion Ratio Lower Upper

168 100

139 38.7 31.3 46.9

169 12.8 10.5 15.7



#56

4-Nitrophenol

Concen: 8.006 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

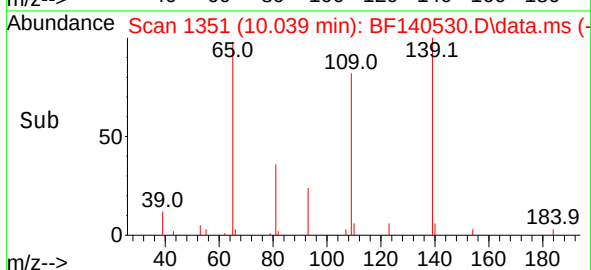
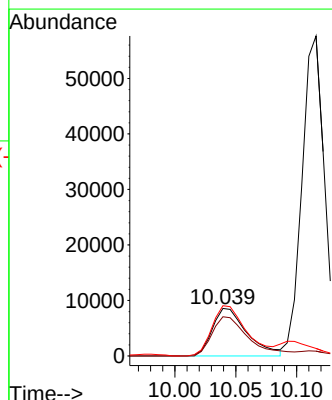
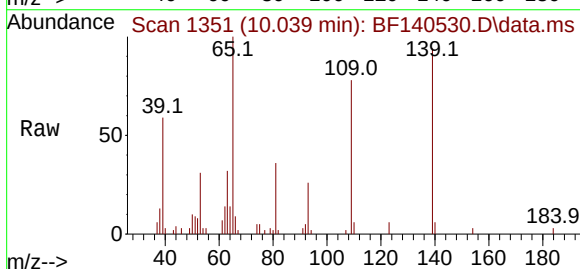
Tgt Ion:139 Resp: 17052

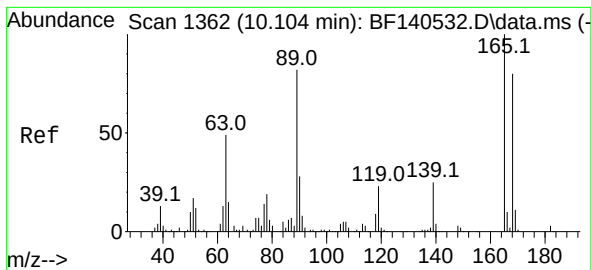
Ion Ratio Lower Upper

139 100

109 82.5 68.4 108.4

65 105.9 88.6 128.6

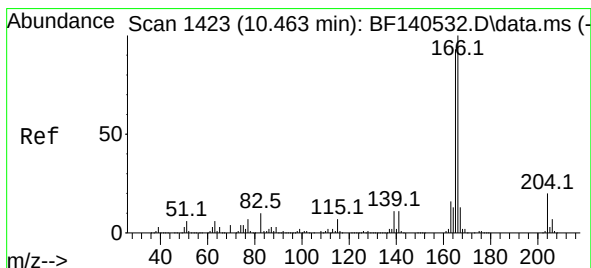
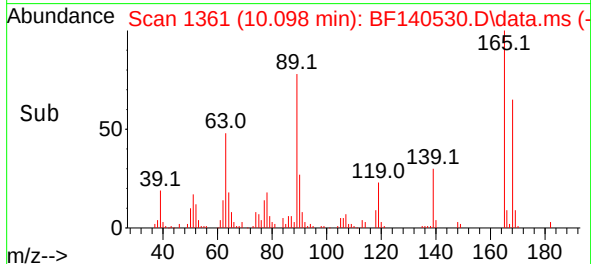
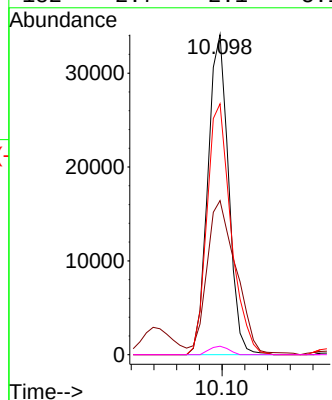
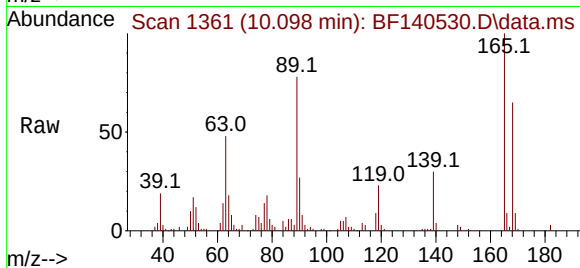




#57
2,4-Dinitrotoluene
Concen: 10.140 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

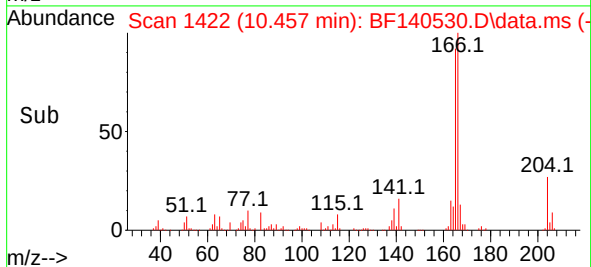
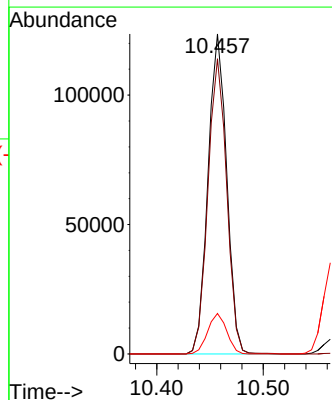
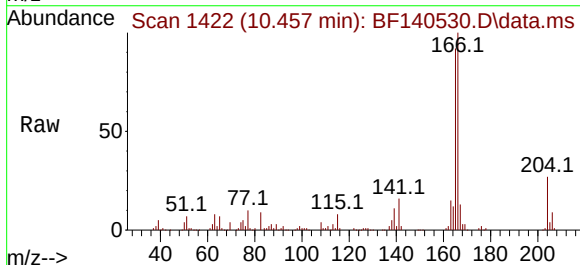
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

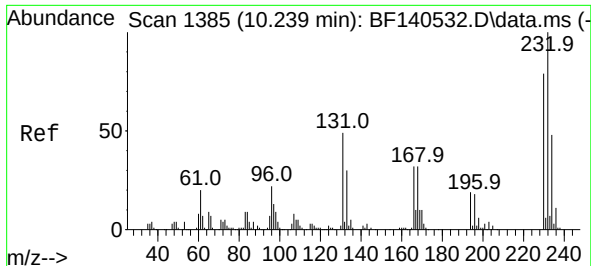
Tgt Ion:165 Resp: 43030
Ion Ratio Lower Upper
165 100
63 48.1 41.7 62.5
89 78.4 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 10.594 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:166 Resp: 150592
Ion Ratio Lower Upper
166 100
165 92.3 74.6 111.8
167 12.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.670 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 31672

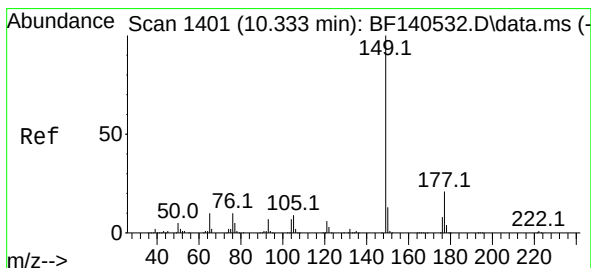
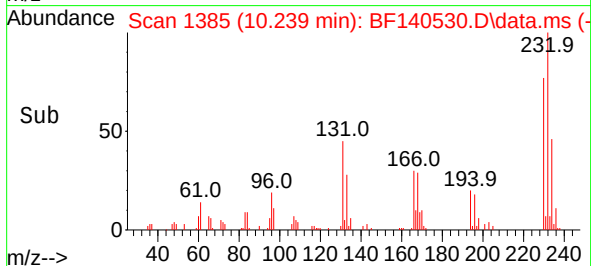
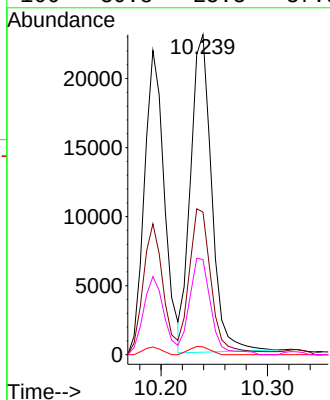
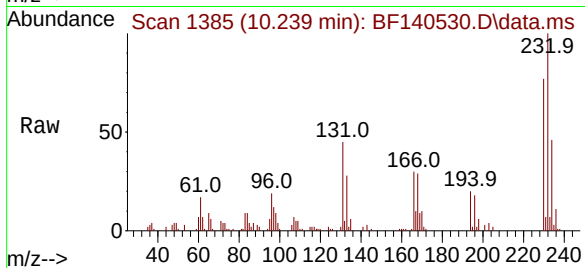
Ion Ratio Lower Upper

232 100

131 48.3 39.6 59.4

130 2.6 1.9 2.9

166 30.8 25.3 37.9



#60

Diethylphthalate

Concen: 10.276 ng

RT: 10.322 min Scan# 1399

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

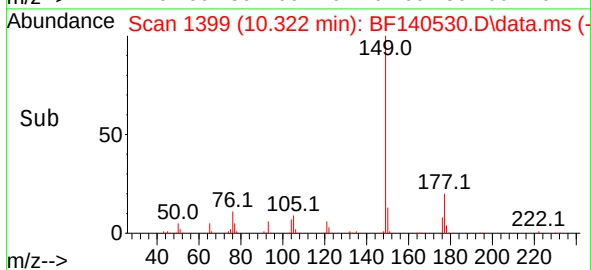
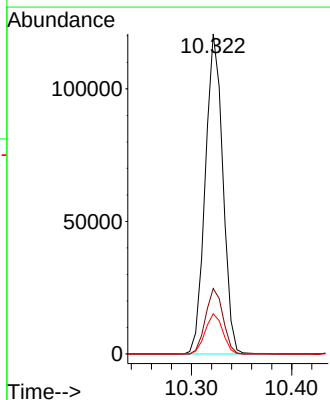
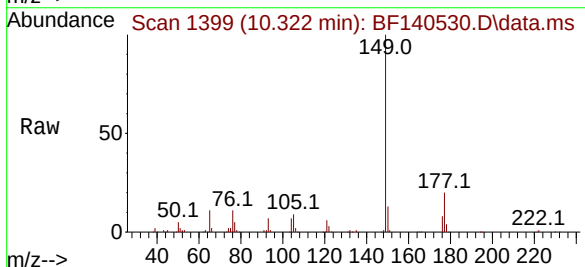
Tgt Ion:149 Resp: 146994

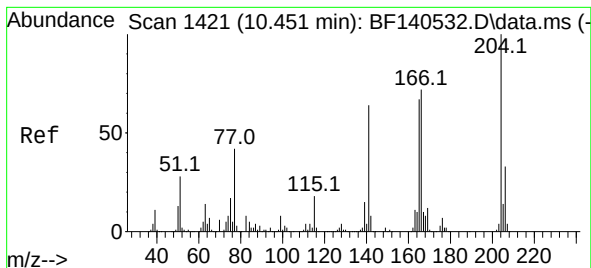
Ion Ratio Lower Upper

149 100

177 20.4 17.1 25.7

150 12.5 10.1 15.1

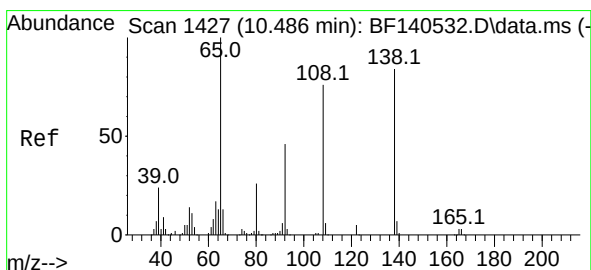
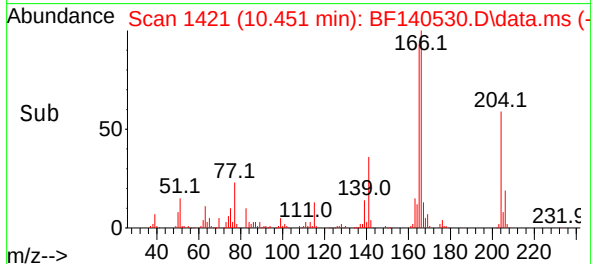
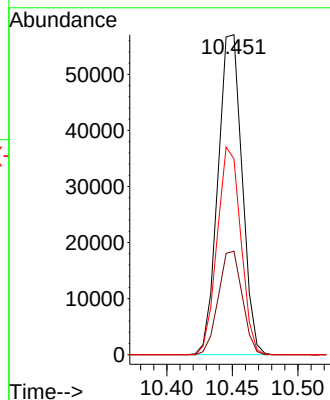
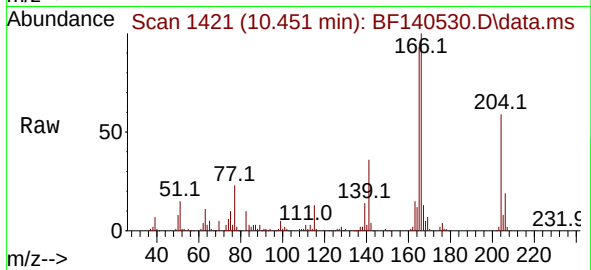




#61
4-Chlorophenyl-phenylether
Concen: 10.452 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

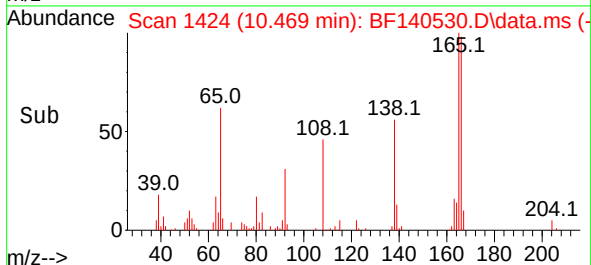
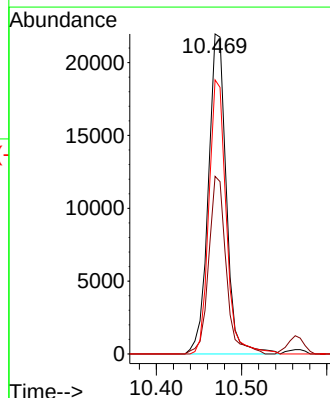
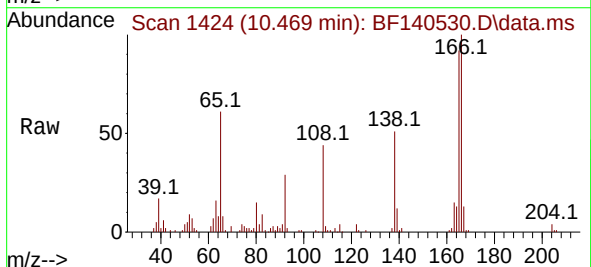
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

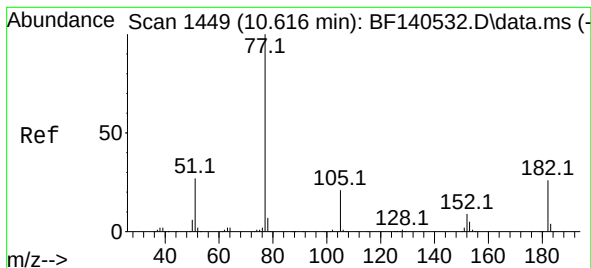
Tgt Ion:204 Resp: 72915
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 61.2 51.1 76.7



#62
4-Nitroaniline
Concen: 9.829 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:138 Resp: 32193
Ion Ratio Lower Upper
138 100
92 55.5 34.5 74.5
108 85.7 70.6 110.6





#63

Azobenzene

Concen: 10.412 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 141049

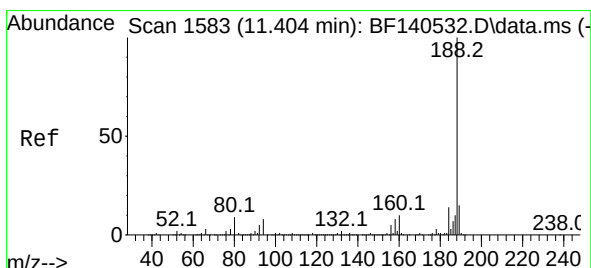
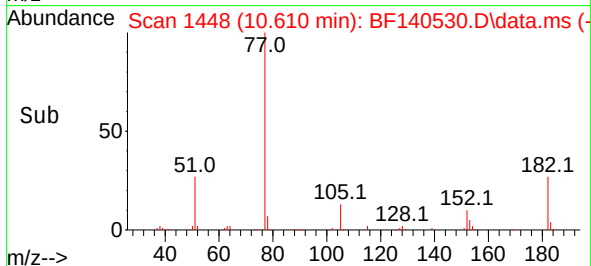
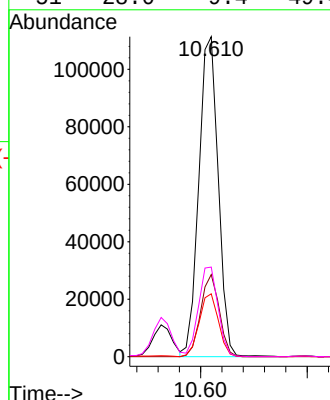
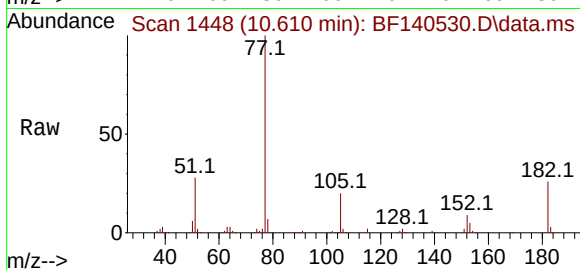
Ion Ratio Lower Upper

77 100

182 25.6 5.3 45.3

105 19.6 0.3 40.3

51 28.0 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

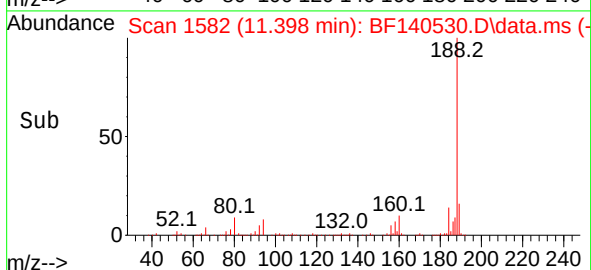
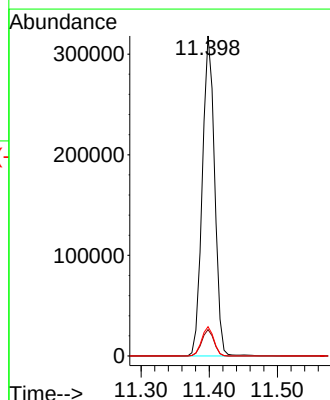
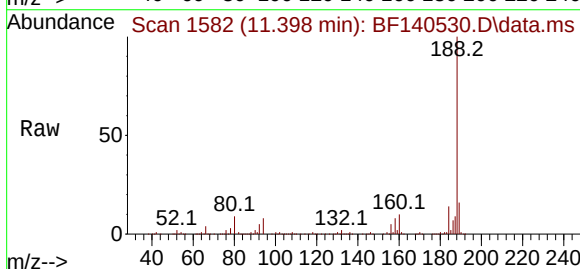
Tgt Ion: 188 Resp: 399362

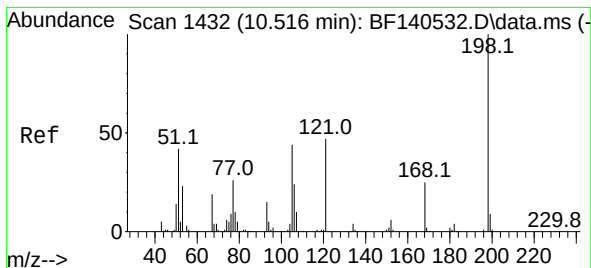
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.1 6.9 10.3

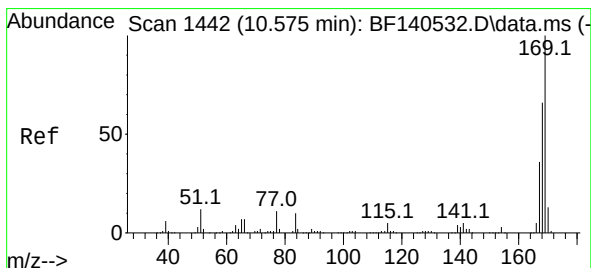
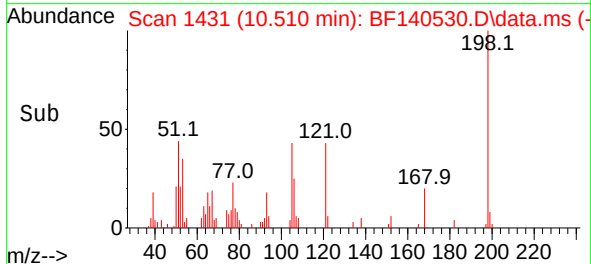
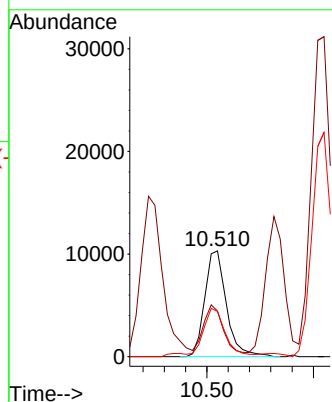
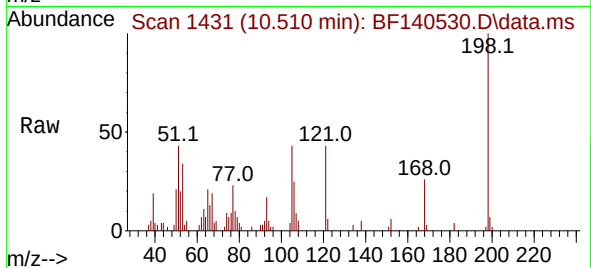




#65
4,6-Dinitro-2-methylphenol
Concen: 7.140 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

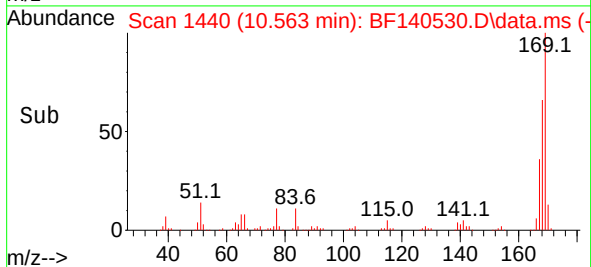
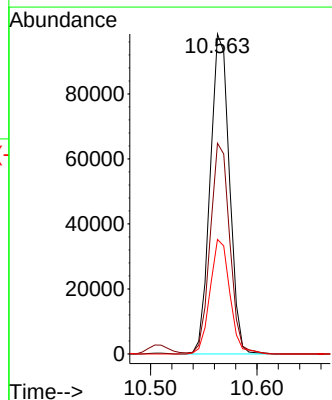
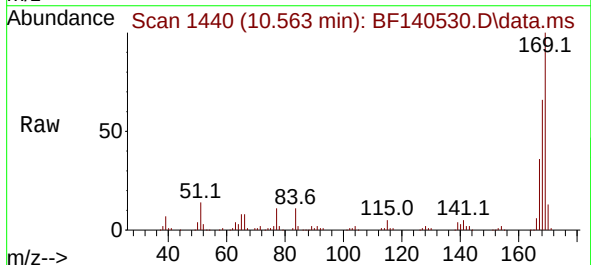
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

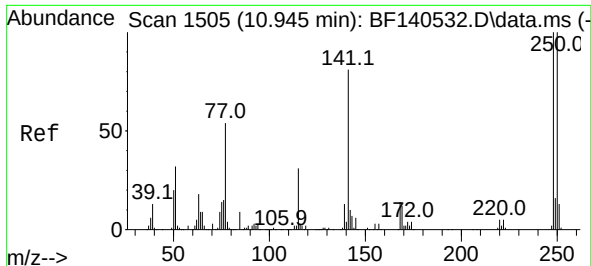
Tgt Ion:198 Resp: 14572
Ion Ratio Lower Upper
198 100
51 43.0 29.4 69.4
105 42.8 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 10.447 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:169 Resp: 123384
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.8 29.0 43.6

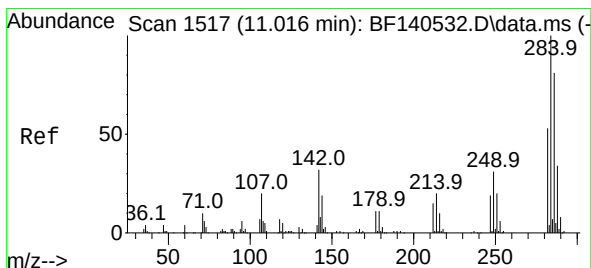
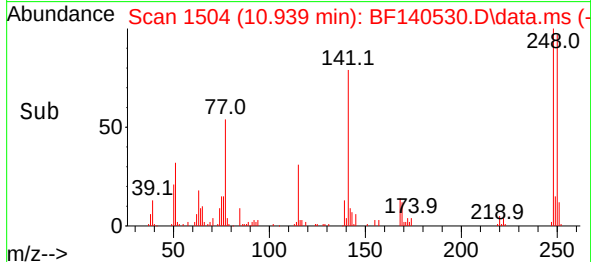
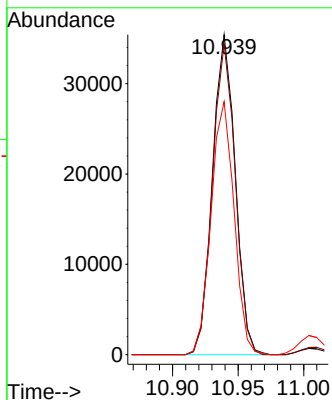
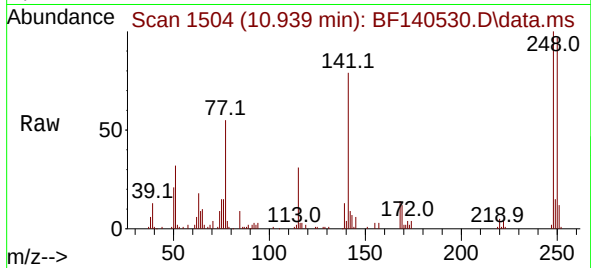




#67
4-Bromophenyl-phenylether
Concen: 10.444 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

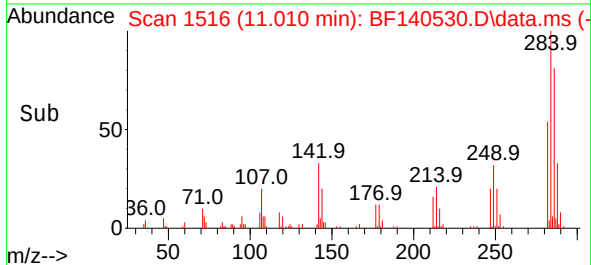
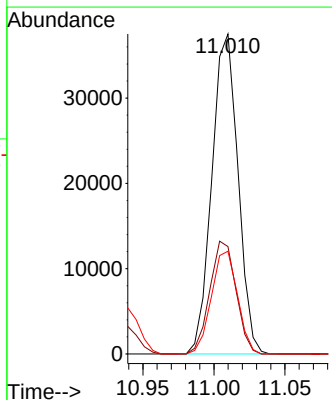
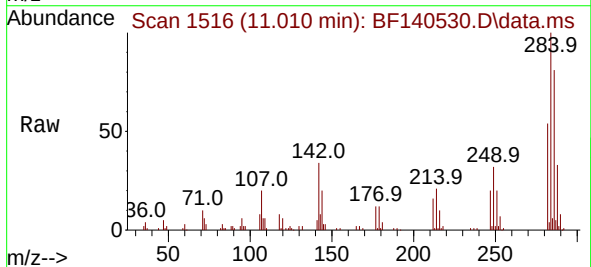
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

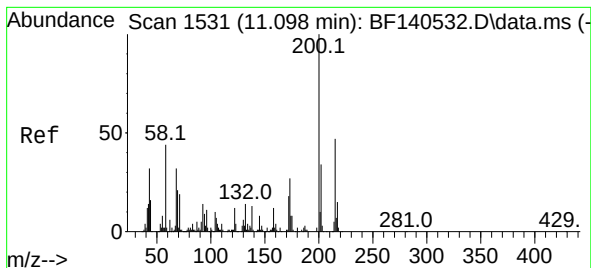
Tgt Ion:248 Resp: 42955
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 79.1 64.7 97.1



#68
Hexachlorobenzene
Concen: 10.078 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:284 Resp: 47993
Ion Ratio Lower Upper
284 100
142 33.6 25.3 37.9
249 32.1 24.8 37.2





#69

Atrazine

Concen: 10.292 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

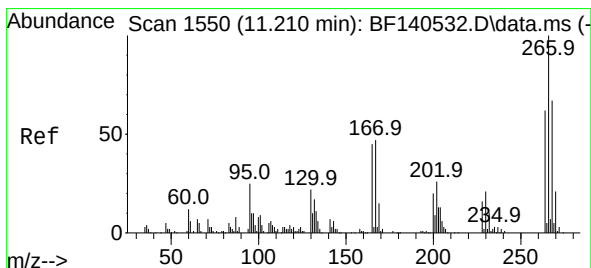
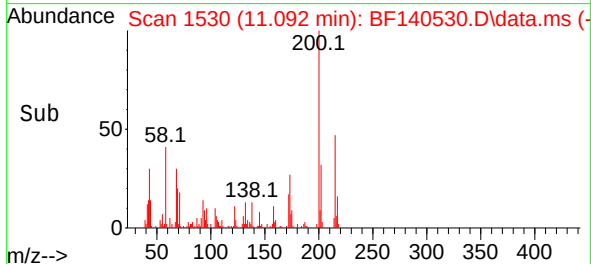
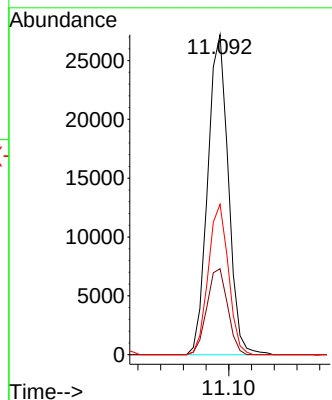
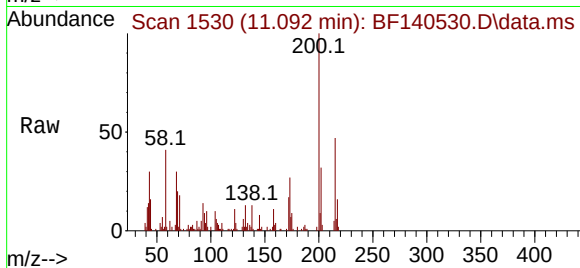
Tgt Ion:200 Resp: 34193

Ion Ratio Lower Upper

200 100

173 26.8 7.0 47.0

215 47.0 26.7 66.7



#70

Pentachlorophenol

Concen: 6.732 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

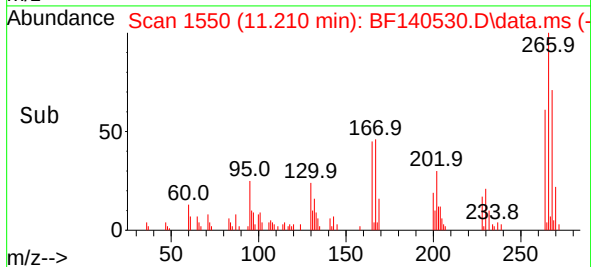
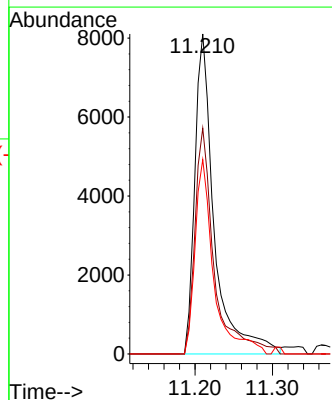
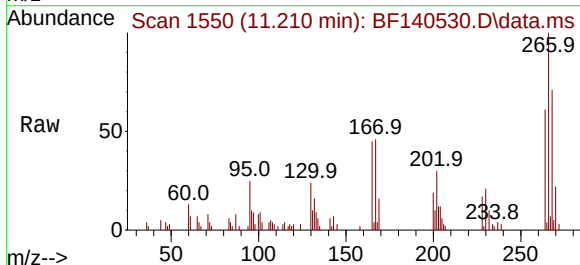
Tgt Ion:266 Resp: 14110

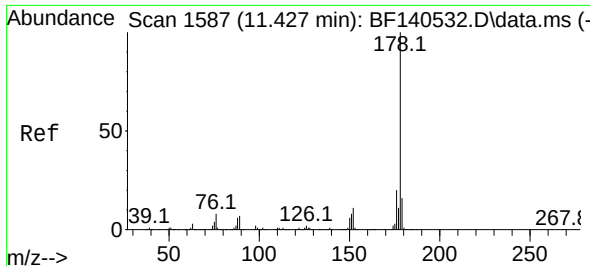
Ion Ratio Lower Upper

266 100

268 70.5 53.7 80.5

264 60.7 49.8 74.8

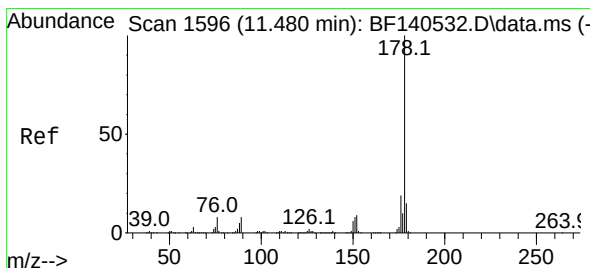
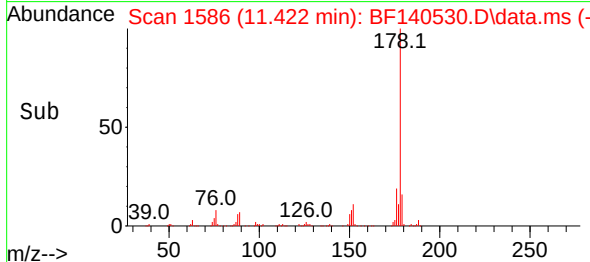
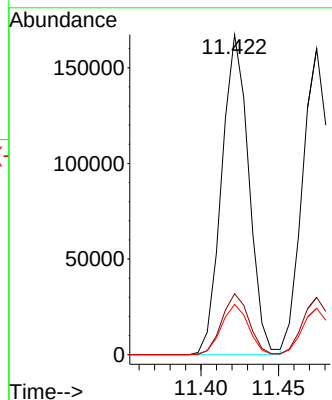
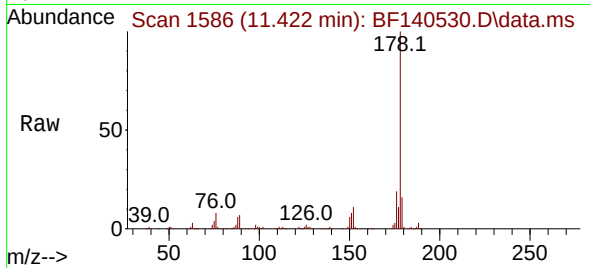




#71
Phenanthrene
Concen: 10.606 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

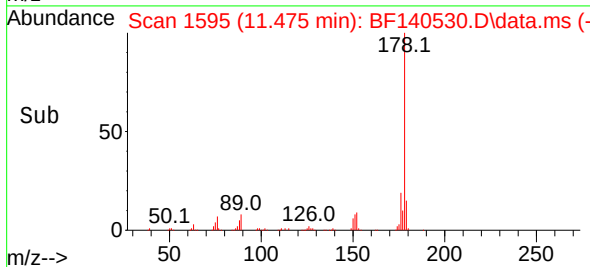
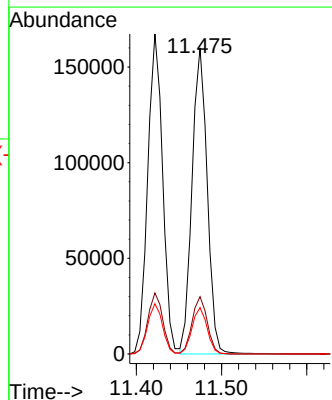
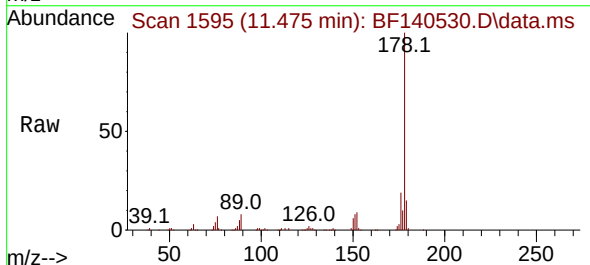
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

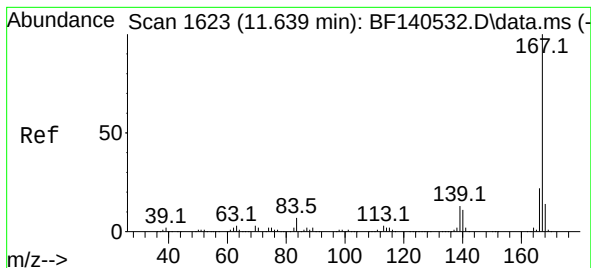
Tgt Ion:178 Resp: 203602
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.7 12.4 18.6



#72
Anthracene
Concen: 10.567 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:178 Resp: 198430
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.1 12.2 18.4





#73

Carbazole

Concen: 10.495 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

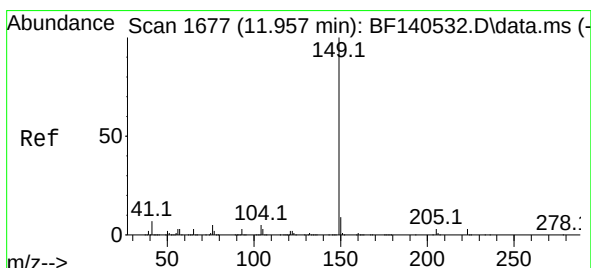
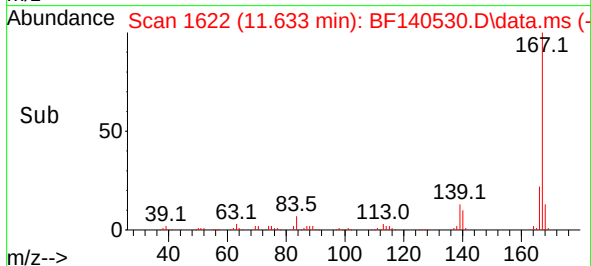
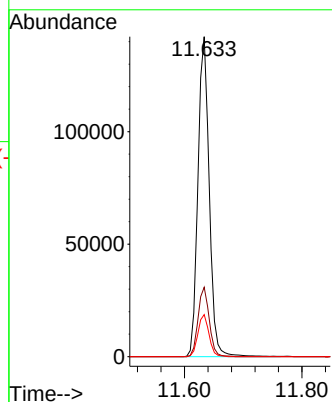
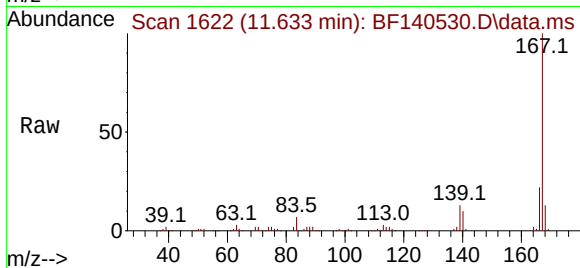
Tgt Ion:167 Resp: 189597

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 10.288 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

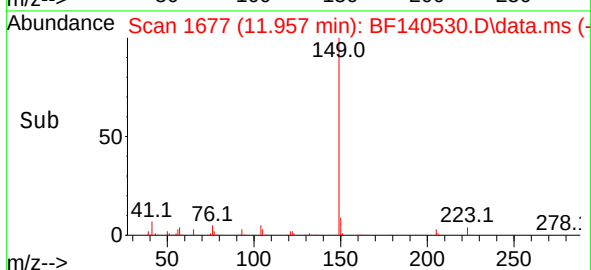
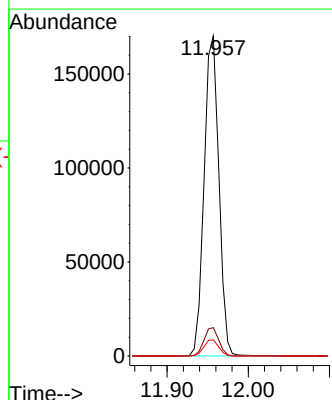
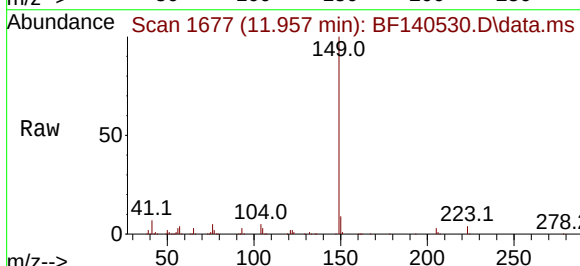
Tgt Ion:149 Resp: 214564

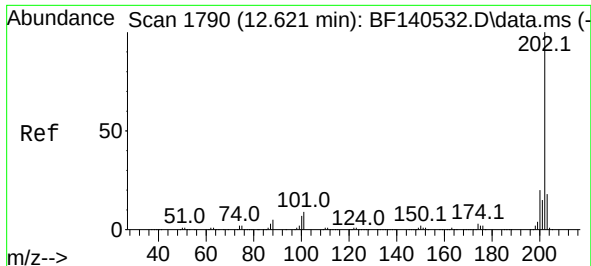
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 10.640 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

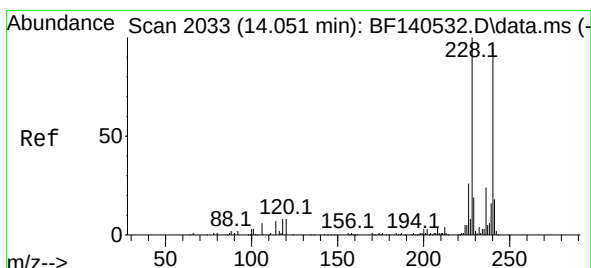
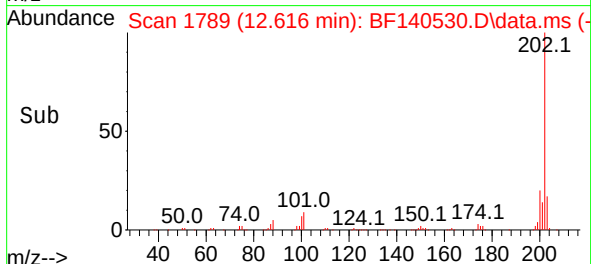
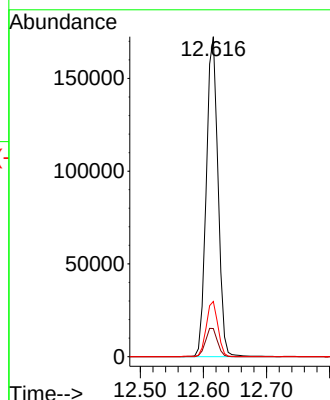
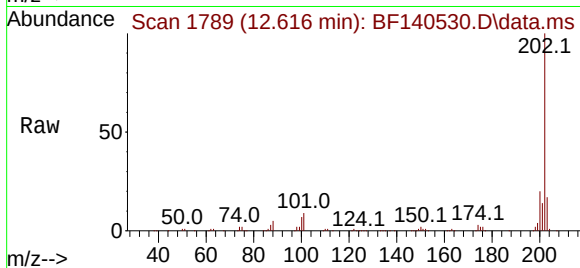
Tgt Ion:202 Resp: 221773

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.9

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

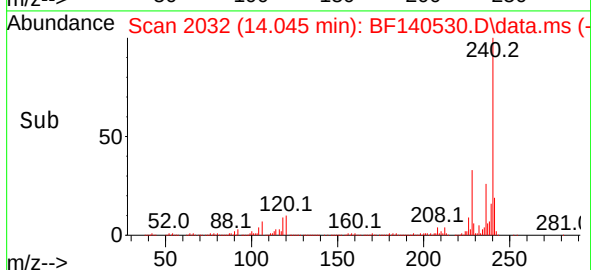
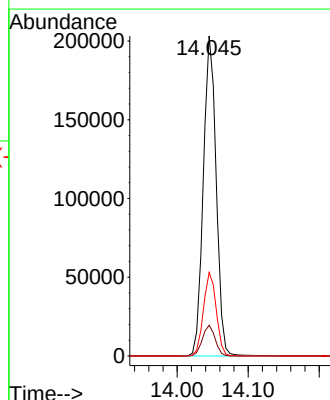
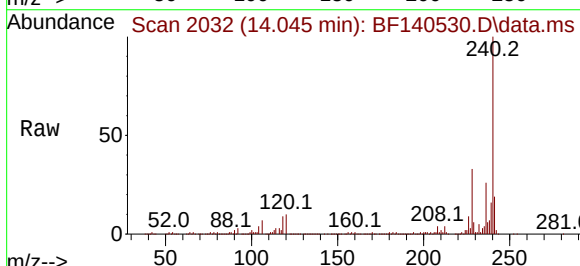
Tgt Ion:240 Resp: 256196

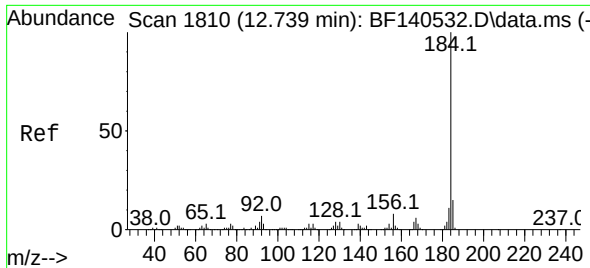
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 26.1 20.6 31.0

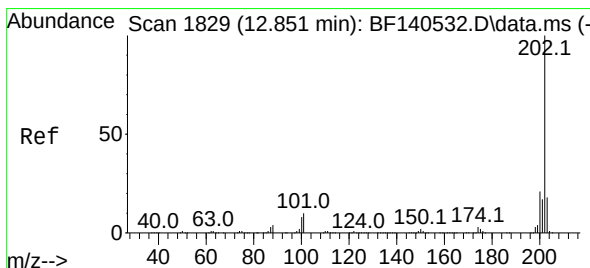
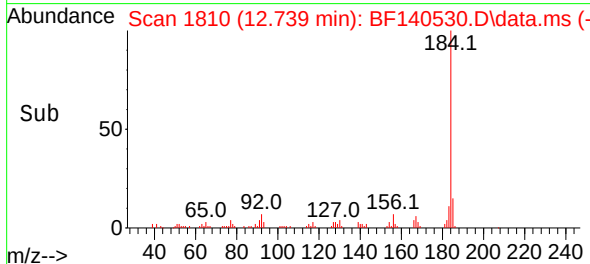
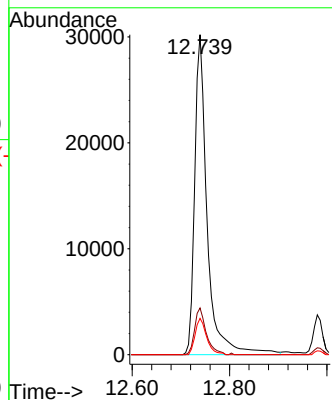
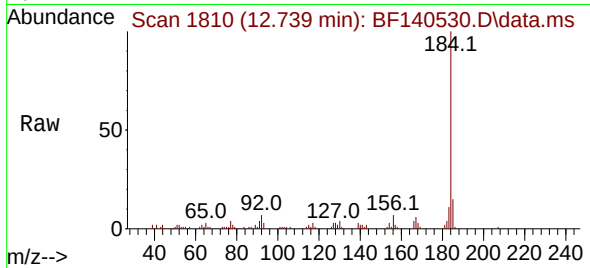




#77
Benzidine
Concen: 7.252 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

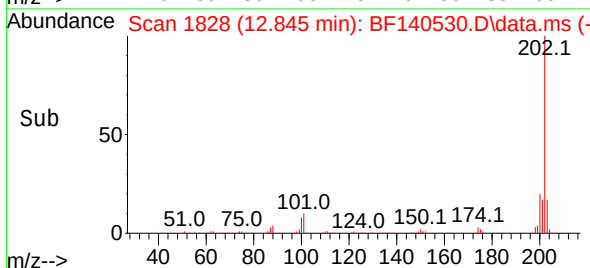
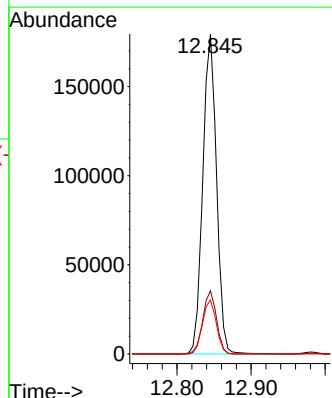
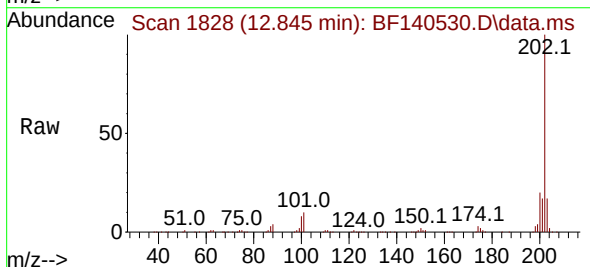
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

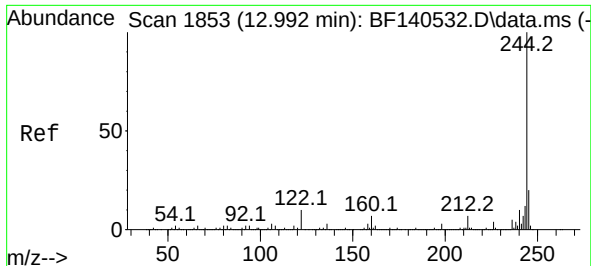
Tgt Ion:184 Resp: 54022
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.4 8.8 13.2



#78
Pyrene
Concen: 9.741 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:202 Resp: 230747
Ion Ratio Lower Upper
202 100
200 19.7 16.5 24.7
203 16.9 14.2 21.4

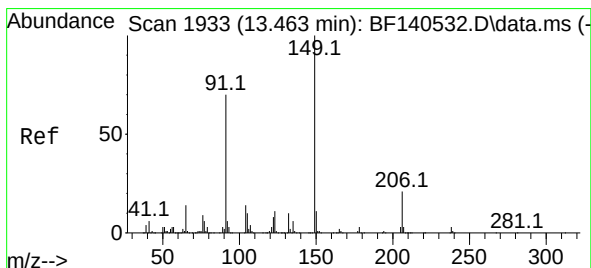
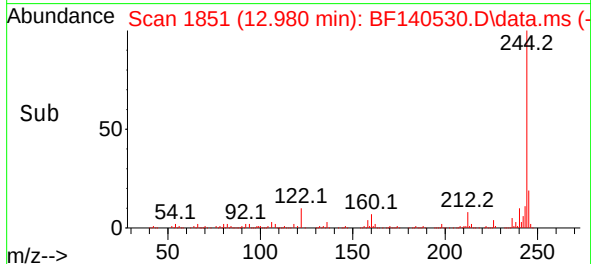
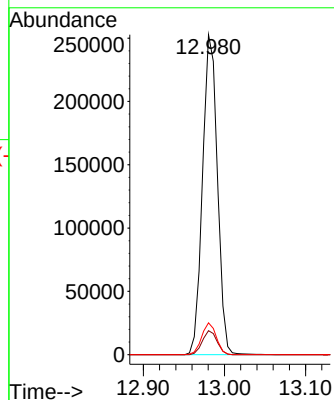
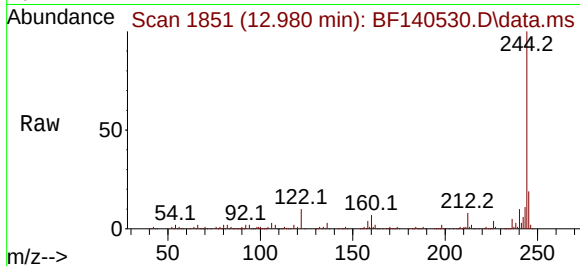




#79
 Terphenyl-d14
 Concen: 19.532 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140530.D
 Acq: 21 Nov 2024 12:05

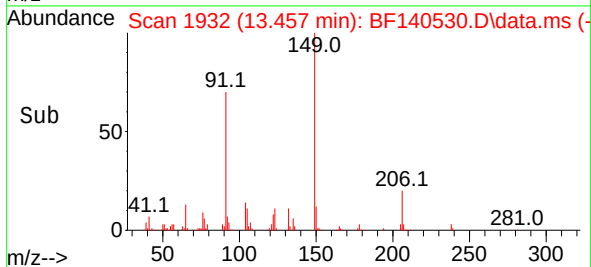
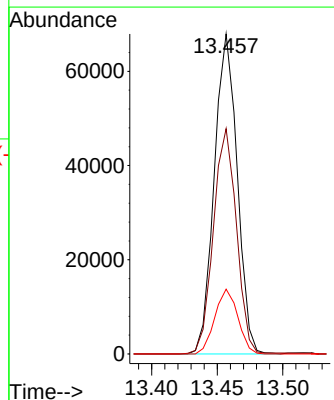
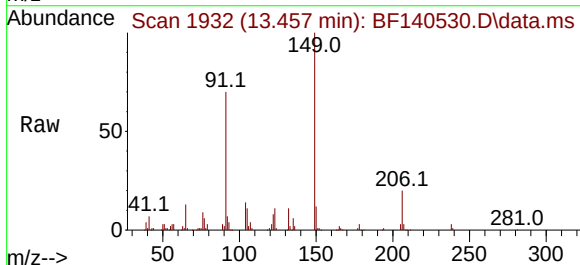
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

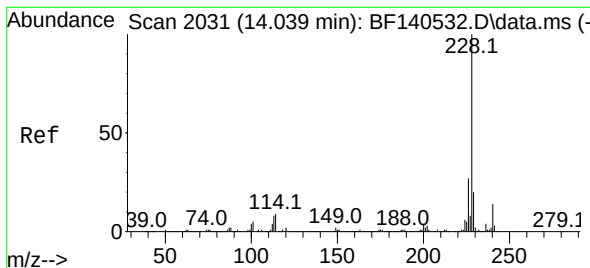
Tgt Ion:244 Resp: 321362
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.0 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 9.674 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140530.D
 Acq: 21 Nov 2024 12:05

Tgt Ion:149 Resp: 82557
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.2 84.2
 206 20.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 9.964 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

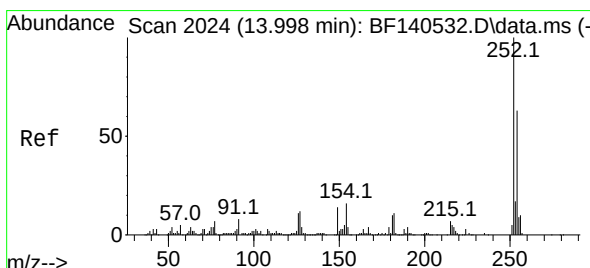
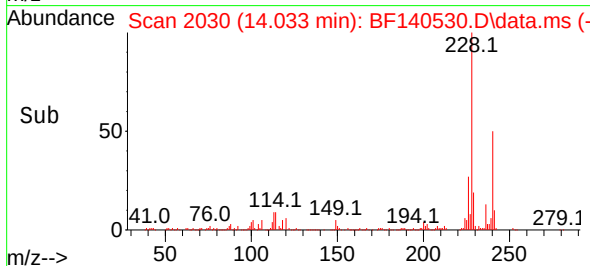
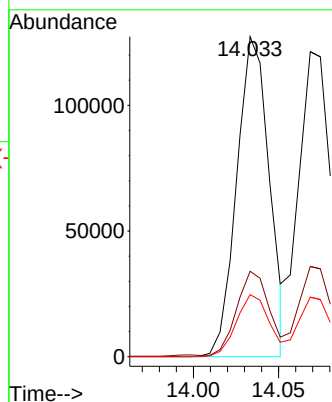
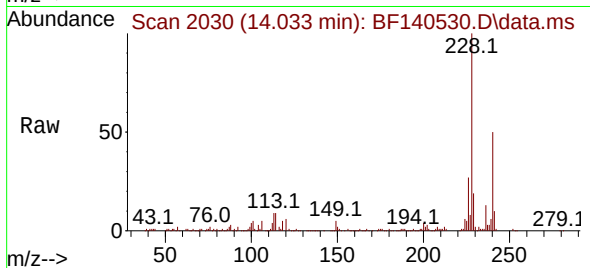
Tgt Ion:228 Resp: 168988

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 9.634 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

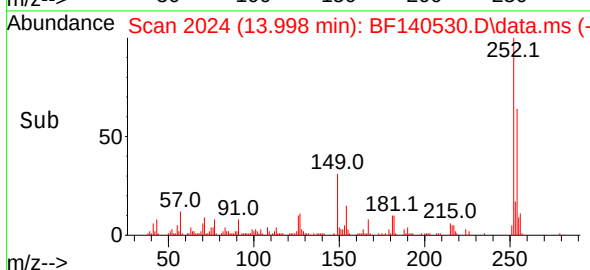
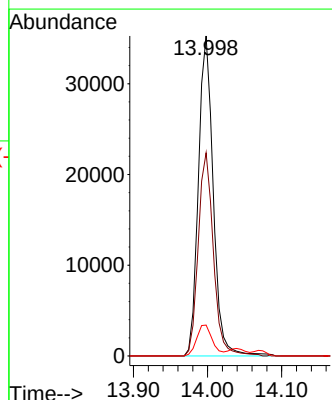
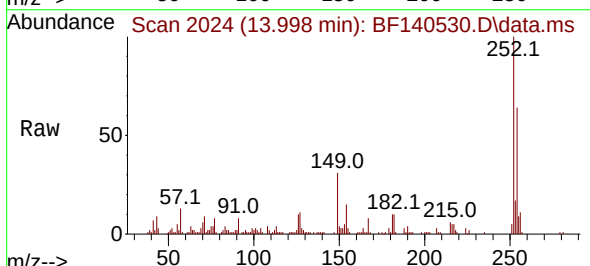
Tgt Ion:252 Resp: 49053

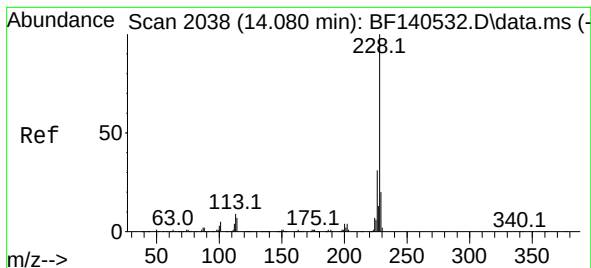
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 9.6 8.6 13.0





#83

Chrysene

Concen: 10.435 ng

RT: 14.069 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

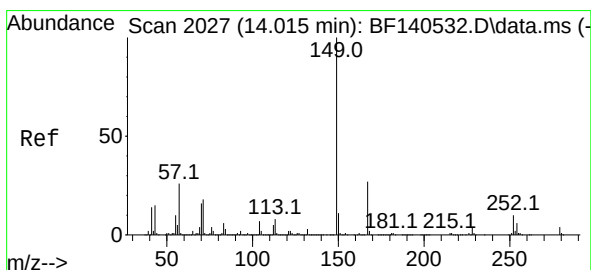
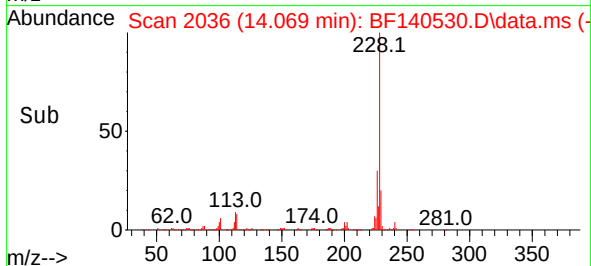
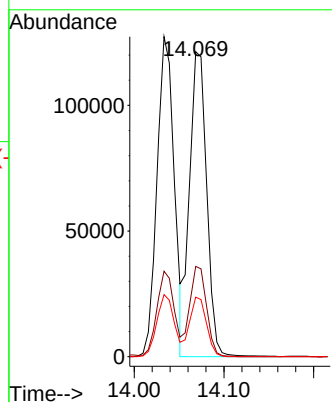
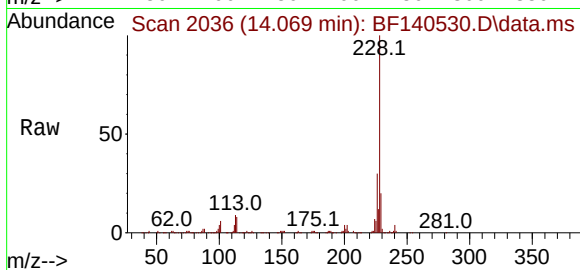
Tgt Ion:228 Resp: 161811

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.846 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

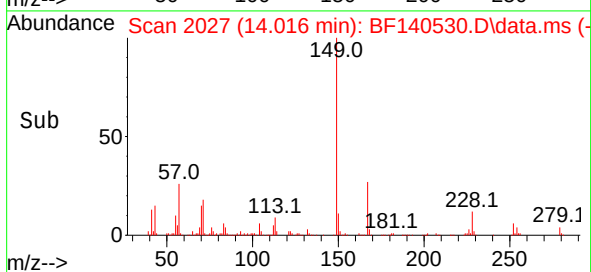
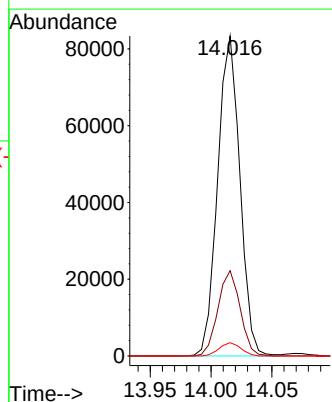
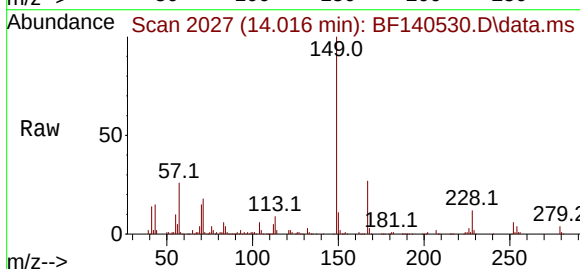
Tgt Ion:149 Resp: 106093

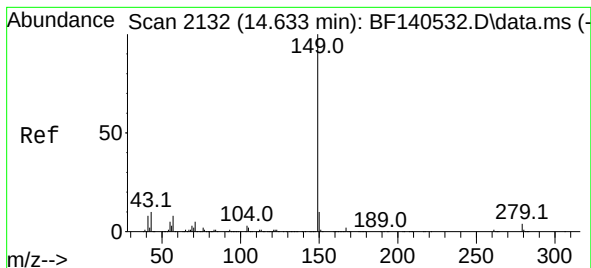
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 9.852 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

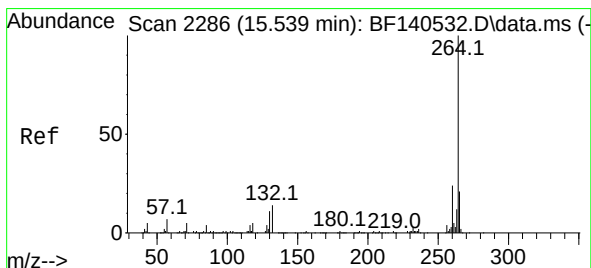
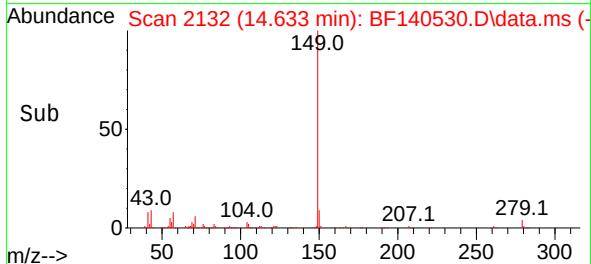
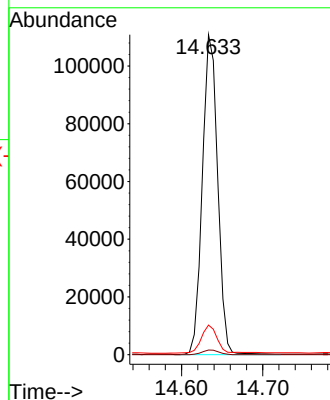
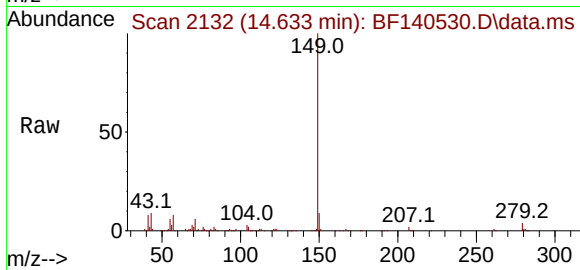
Tgt Ion:149 Resp: 145085

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

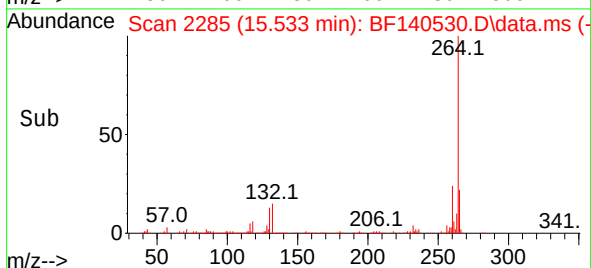
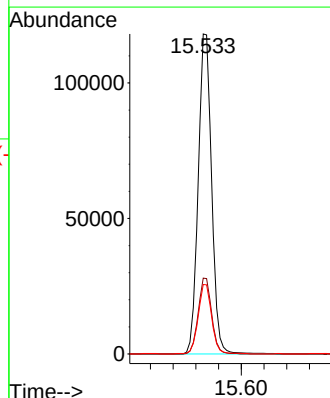
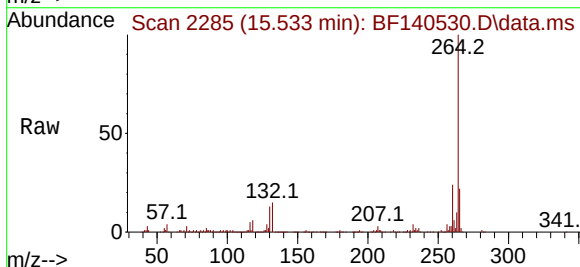
Tgt Ion:264 Resp: 194024

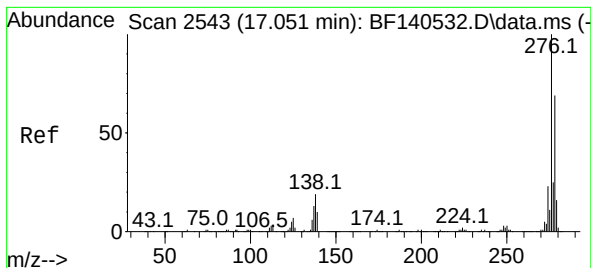
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.843 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

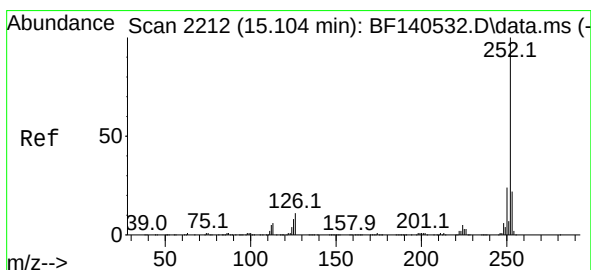
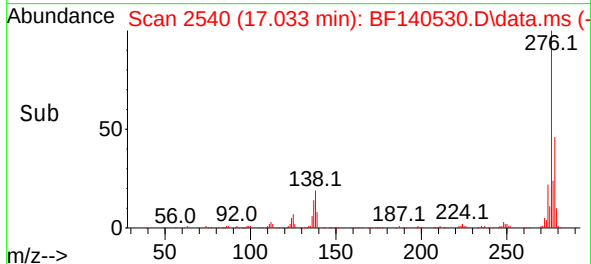
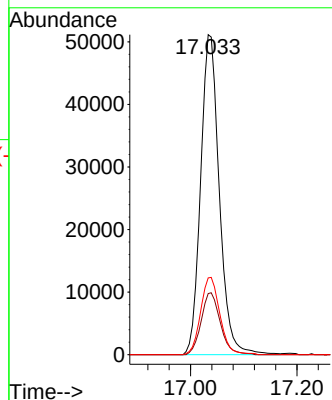
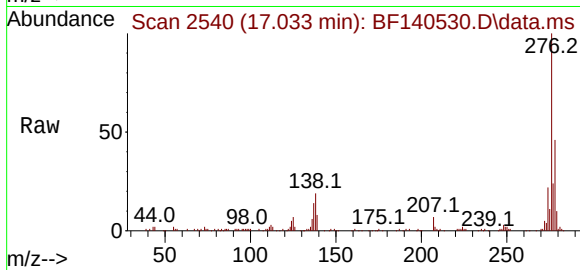
Tgt Ion:276 Resp: 124455

Ion Ratio Lower Upper

276 100

138 19.8 15.5 23.3

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 10.001 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

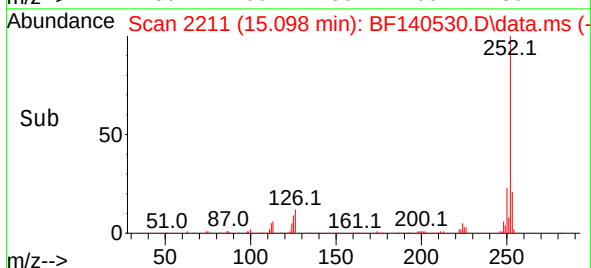
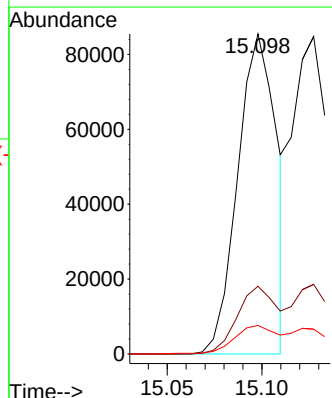
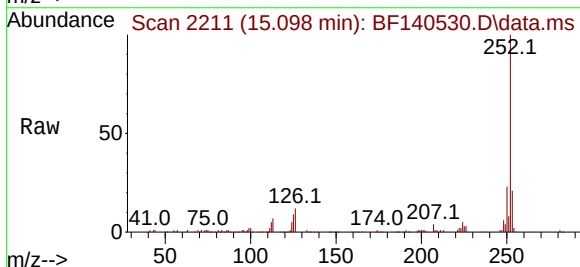
Tgt Ion:252 Resp: 121884

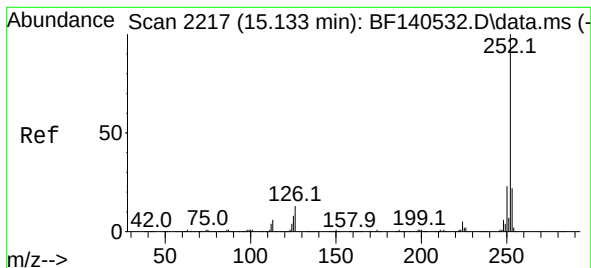
Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 11.241 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

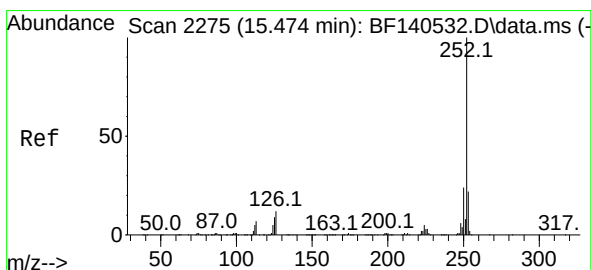
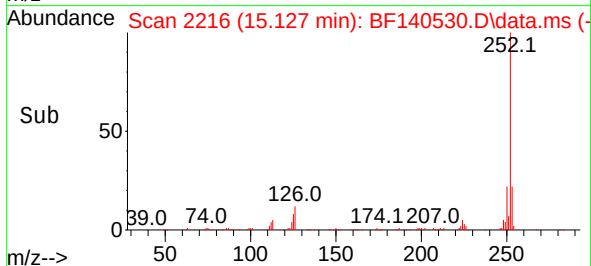
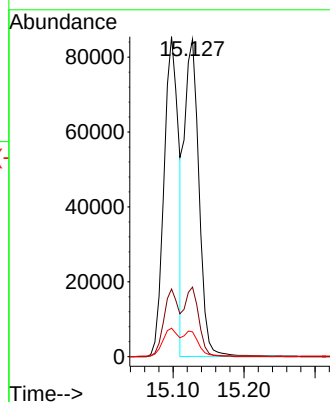
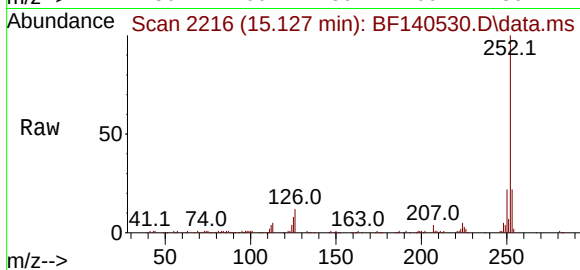
Tgt Ion:252 Resp: 119878

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 7.8 6.5 9.7



#90

Benzo(a)pyrene

Concen: 10.276 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF140530.D

Acq: 21 Nov 2024 12:05

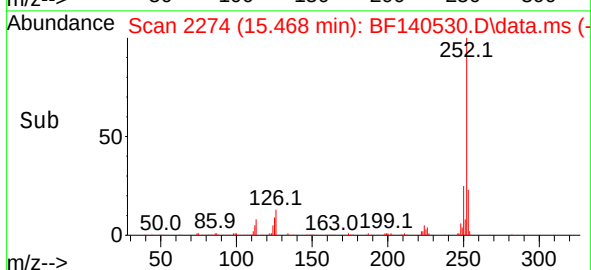
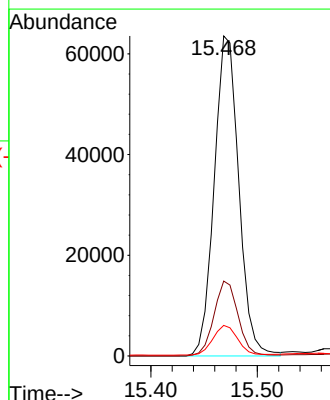
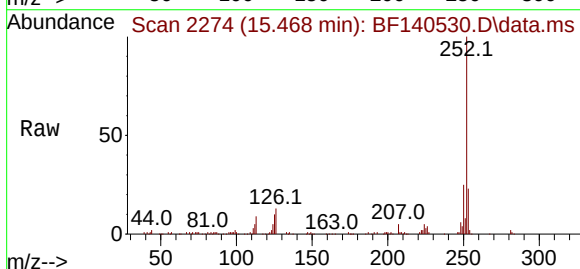
Tgt Ion:252 Resp: 101824

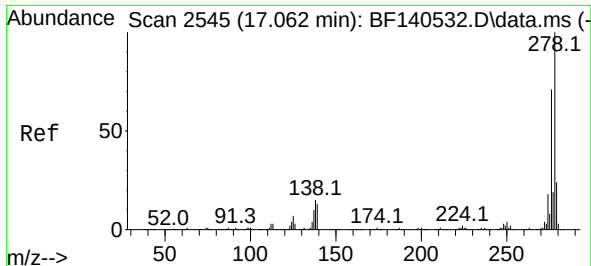
Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 9.6 7.0 10.6

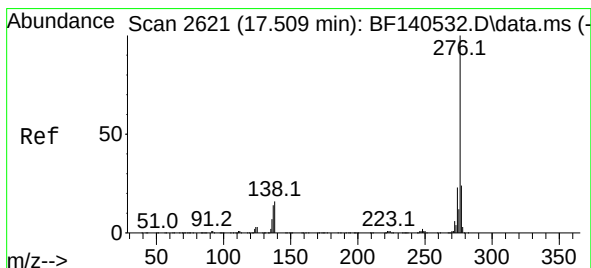
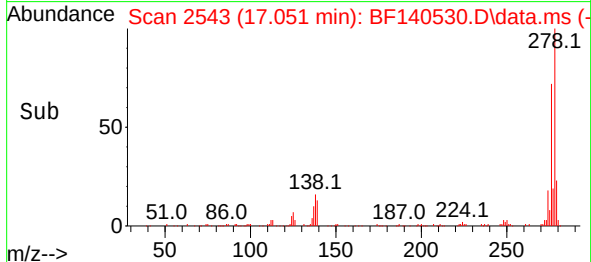
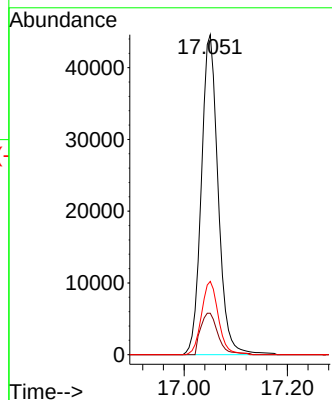
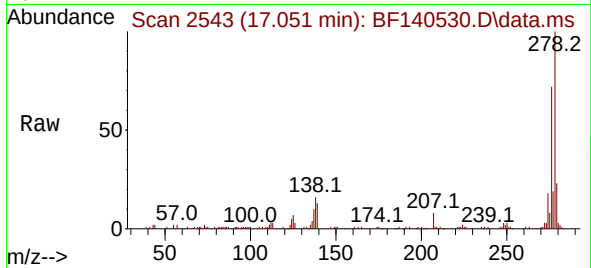




#91
Dibenzo(a,h)anthracene
Concen: 9.720 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

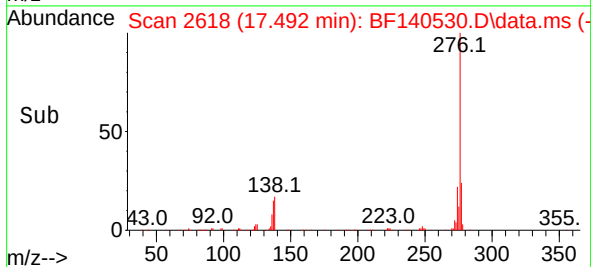
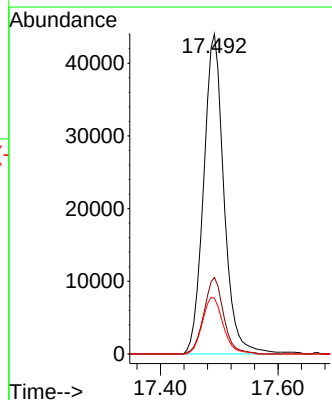
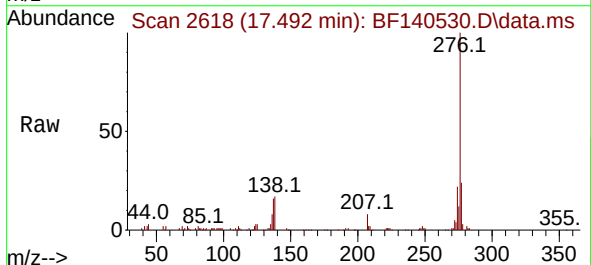
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 100656
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 22.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 10.010 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF140530.D
Acq: 21 Nov 2024 12:05

Tgt Ion:276 Resp: 105771
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 17.4 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140531.D
 Acq On : 21 Nov 2024 12:32
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 21 15:11:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	99570	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364692	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	198805	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	382041	20.000	ng	0.00
76) Chrysene-d12	14.051	240	225903	20.000	ng	0.00
86) Perylene-d12	15.533	264	173612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	239365	41.017	ng	0.00
7) Phenol-d6	6.510	99	310375	40.230	ng	0.00
23) Nitrobenzene-d5	7.434	82	288201	40.422	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	87426	41.118	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	565607	42.389	ng	0.00
79) Terphenyl-d14	12.986	244	590771	40.721	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	57318	23.361	ng	98
3) Pyridine	3.422	79	111651	20.682	ng	98
4) n-Nitrosodimethylamine	3.357	42	65851	20.754	ng	95
6) Aniline	6.534	93	112828	20.778	ng	88
8) 2-Chlorophenol	6.663	128	127220	20.263	ng	96
9) Benzaldehyde	6.422	77	96584	23.648	ng	97
10) Phenol	6.522	94	161262	20.467	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	120837	20.042	ng	100
12) 1,3-Dichlorobenzene	6.816	146	142704	20.228	ng	99
13) 1,4-Dichlorobenzene	6.893	146	144955	20.293	ng	100
14) 1,2-Dichlorobenzene	7.045	146	136939	20.459	ng	99
15) Benzyl Alcohol	7.010	79	115602	20.205	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	142742	20.040	ng	81
17) 2-Methylphenol	7.128	107	102895	20.473	ng	94
18) Hexachloroethane	7.381	117	54624	20.475	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	91173	19.996	ng	97
20) 3+4-Methylphenols	7.281	107	129954	20.117	ng	94
22) Acetophenone	7.281	105	180222	20.270	ng	100
24) Nitrobenzene	7.451	77	148986	20.218	ng	100
25) Isophorone	7.687	82	239713	20.158	ng	98
26) 2-Nitrophenol	7.769	139	67593	20.699	ng	100
27) 2,4-Dimethylphenol	7.804	122	77504	19.836	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	146899	20.277	ng	100
29) 2,4-Dichlorophenol	8.016	162	105906	20.456	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	120949	20.461	ng	100
31) Naphthalene	8.175	128	387236	20.614	ng	99
32) Benzoic acid	7.904	122	45935	18.678	ng	99
33) 4-Chloroaniline	8.222	127	112719	20.042	ng	100
34) Hexachlorobutadiene	8.287	225	79980	20.427	ng	99
35) Caprolactam	8.581	113	33020	20.609	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	115782	19.974	ng	98
37) 2-Methylnaphthalene	8.863	142	243949	20.446	ng	99
38) 1-Methylnaphthalene	8.963	142	240502	20.564	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	120444	20.695	ng	100
41) Hexachlorocyclopentadiene	9.016	237	17909	19.734	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	74538	20.410	ng	100

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 Acq On : 21 Nov 2024 12:32
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

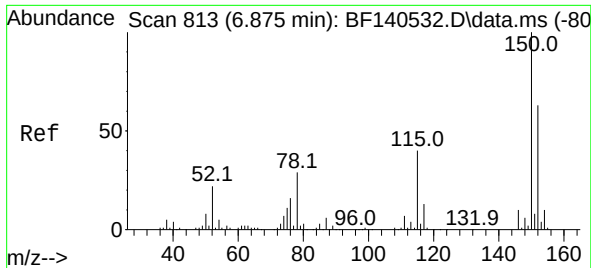
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	81588	20.585	ng	98
46) 1,1'-Biphenyl	9.328	154	310749	20.936	ng	100
47) 2-Chloronaphthalene	9.357	162	231066	20.545	ng	99
48) 2-Nitroaniline	9.451	65	75343	20.871	ng	99
49) Acenaphthylene	9.769	152	359483	21.155	ng	100
50) Dimethylphthalate	9.628	163	267629	20.440	ng	99
51) 2,6-Dinitrotoluene	9.692	165	61076	20.568	ng	97
52) Acenaphthene	9.945	154	236493	21.493	ng	99
53) 3-Nitroaniline	9.863	138	61362	21.128	ng	96
54) 2,4-Dinitrophenol	9.975	184	17628	18.164	ng	98
55) Dibenzofuran	10.116	168	345729	20.992	ng	100
56) 4-Nitrophenol	10.034	139	38787	19.582	ng	97
57) 2,4-Dinitrotoluene	10.098	165	82706	20.957	ng	96
58) Fluorene	10.457	166	278115	21.038	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	61142	20.072	ng	98
60) Diethylphthalate	10.328	149	276859	20.812	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	136189	20.992	ng	98
62) 4-Nitroaniline	10.475	138	62610	20.555	ng	99
63) Azobenzene	10.610	77	262444	20.833	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	34412	17.627	ng	97
66) n-Nitrosodiphenylamine	10.569	169	228075	20.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	78863	20.044	ng	98
68) Hexachlorobenzene	11.010	284	91363	20.055	ng	97
69) Atrazine	11.092	200	50070	15.754	ng	99
70) Pentachlorophenol	11.210	266	34309	17.111	ng	97
71) Phenanthrene	11.428	178	370424	20.171	ng	99
72) Anthracene	11.475	178	366152	20.383	ng	100
73) Carbazole	11.633	167	355423	20.567	ng	99
74) Di-n-butylphthalate	11.957	149	410317	20.566	ng	99
75) Fluoranthene	12.616	202	425403	21.335	ng	99
77) Benzidine	12.739	184	66895	10.185	ng	99
78) Pyrene	12.845	202	428479	20.514	ng	99
80) Butylbenzylphthalate	13.457	149	156775	20.835	ng	96
81) Benzo(a)anthracene	14.039	228	311416	20.825	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	88858	19.791	ng	98
83) Chrysene	14.074	228	275068	20.117	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	194626	20.484	ng	100
85) Di-n-octyl phthalate	14.633	149	259088	19.953	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	225489	19.930	ng	100
88) Benzo(b)fluoranthene	15.098	252	239653	21.977	ng	99
89) Benzo(k)fluoranthene	15.127	252	183799	19.261	ng	99
90) Benzo(a)pyrene	15.474	252	184528	20.812	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	184632	19.926	ng	99
92) Benzo(g,h,i)perylene	17.492	276	187164	19.795	ng	98

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

Quant Time: Nov 21 15:11:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration

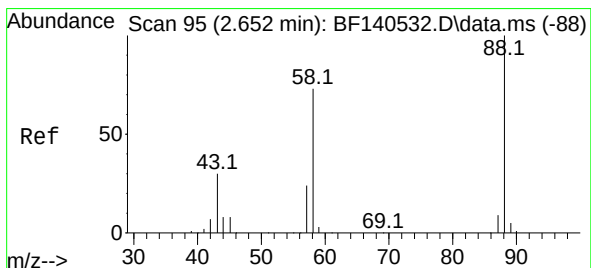
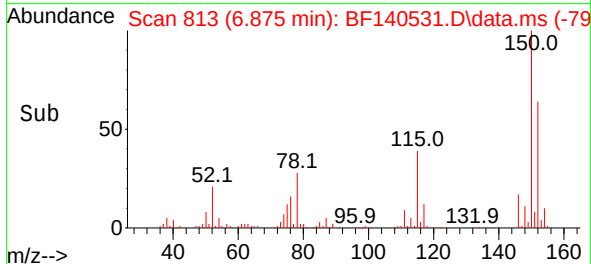
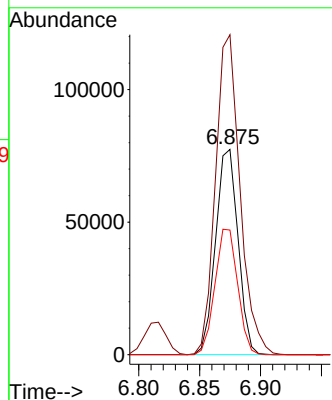
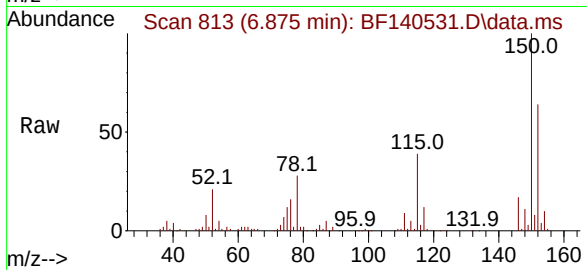




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140531.D
 Acq: 21 Nov 2024 12:32

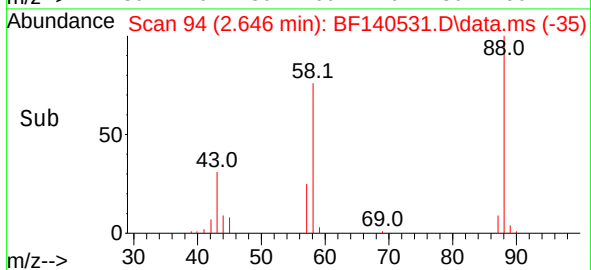
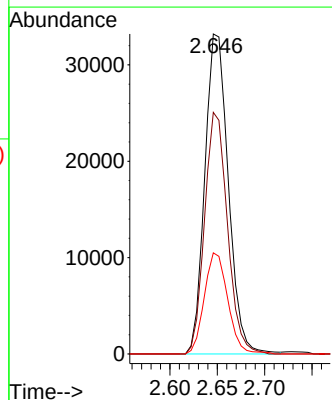
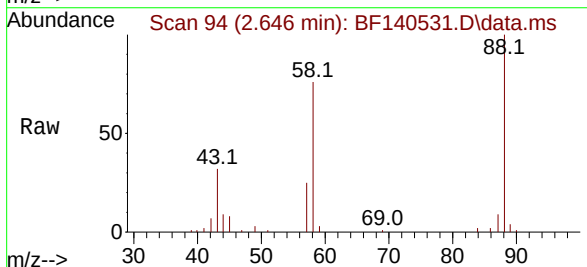
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 ClientSampleId :
 SSTDICC020

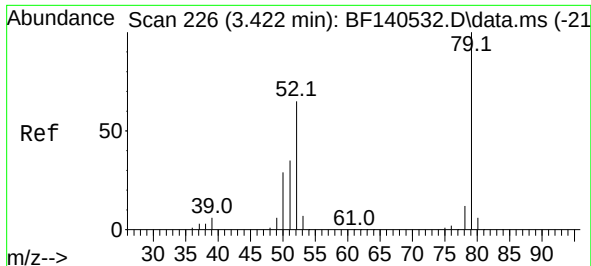
Tgt Ion:152 Resp: 99570
 Ion Ratio Lower Upper
 152 100
 150 155.8 128.5 192.7
 115 60.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 23.361 ng
 RT: 2.646 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BF140531.D
 Acq: 21 Nov 2024 12:32

Tgt Ion: 88 Resp: 57318
 Ion Ratio Lower Upper
 88 100
 58 73.3 57.4 86.2
 43 31.6 24.3 36.5





#3

Pyridine

Concen: 20.682 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

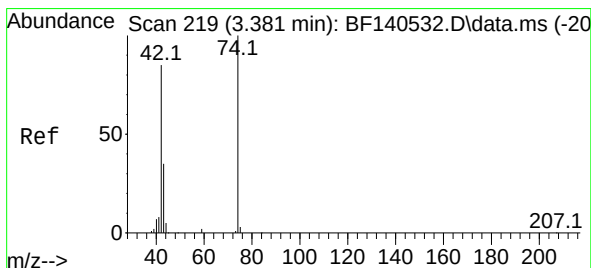
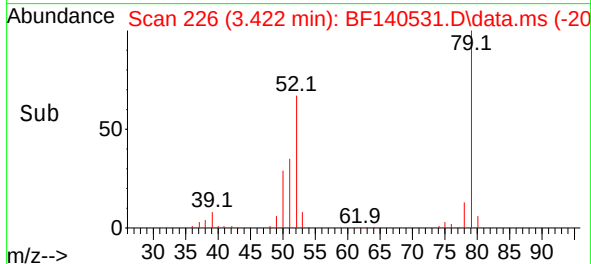
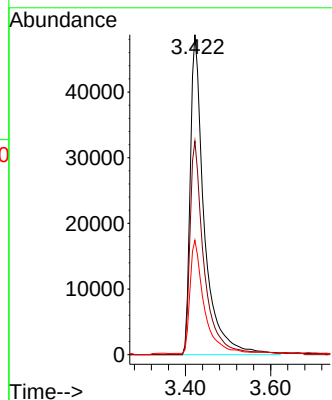
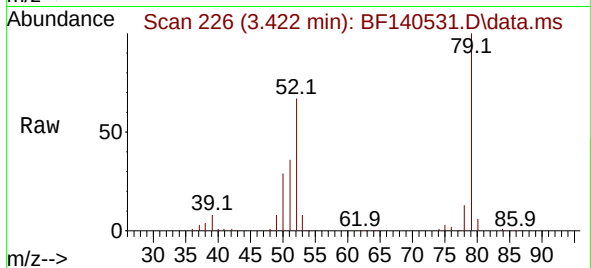
Tgt Ion: 79 Resp: 111651

Ion Ratio Lower Upper

79 100

52 66.7 52.1 78.1

51 35.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 20.754 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

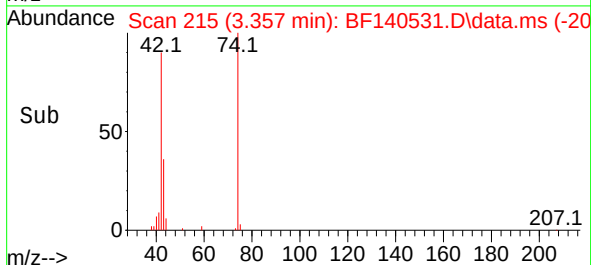
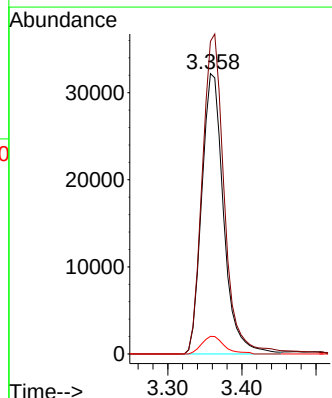
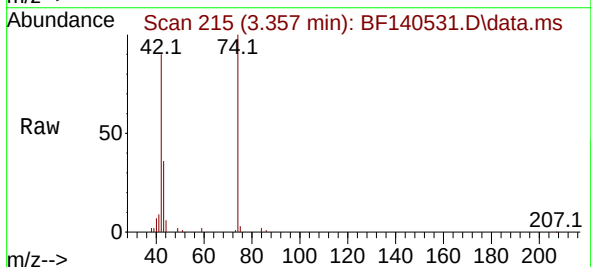
Tgt Ion: 42 Resp: 65851

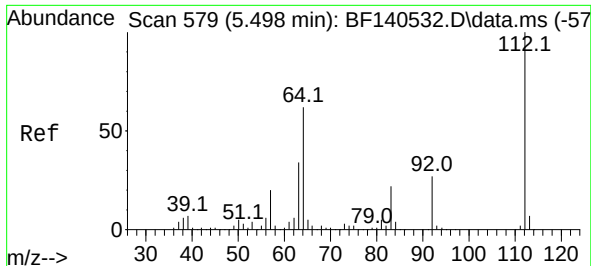
Ion Ratio Lower Upper

42 100

74 111.5 93.8 140.6

44 6.3 4.6 6.8

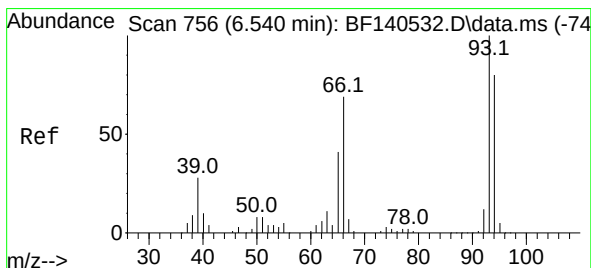
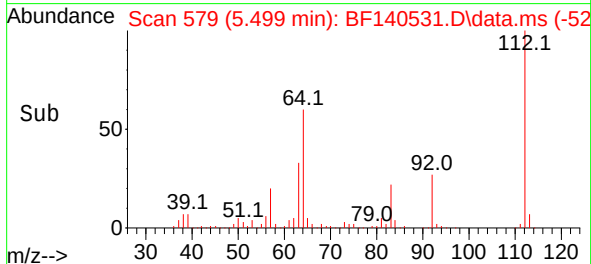
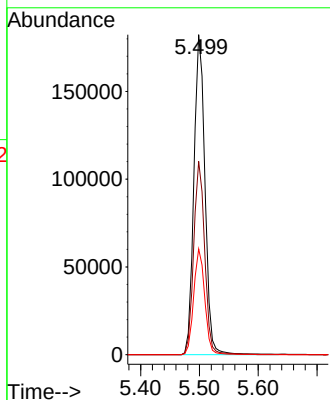
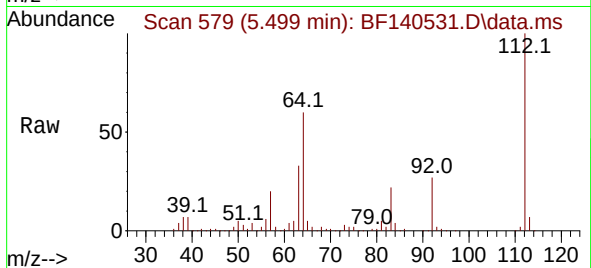




#5
2-Fluorophenol
Concen: 41.017 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

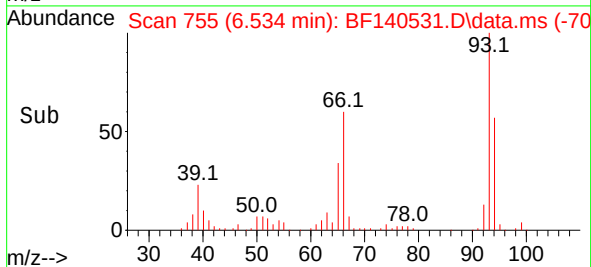
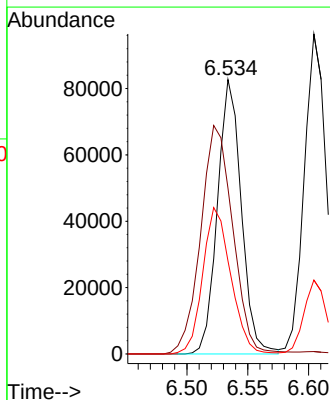
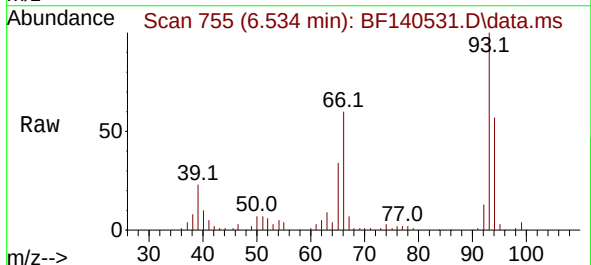
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

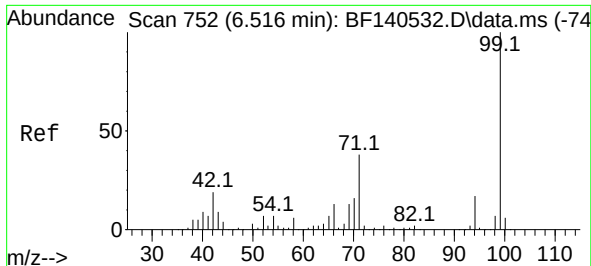
Tgt Ion:112 Resp: 239365
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 33.0 27.0 40.4



#6
Aniline
Concen: 20.778 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 93 Resp: 112828
Ion Ratio Lower Upper
93 100
66 60.4 56.5 84.7
65 34.0 32.9 49.3

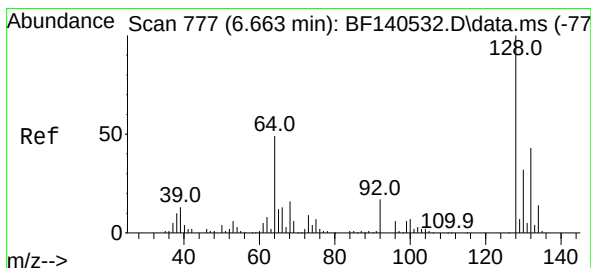
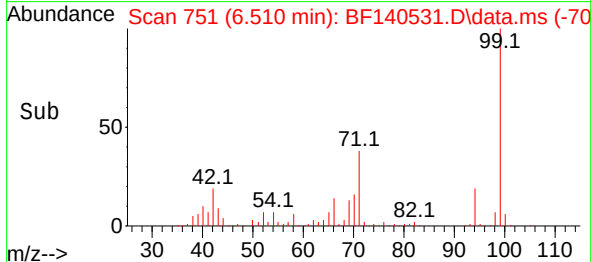
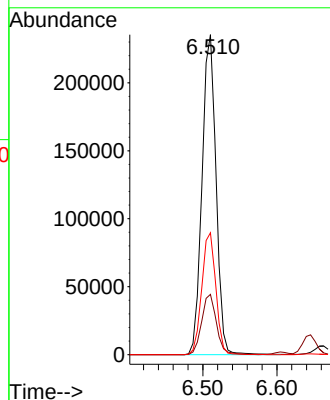
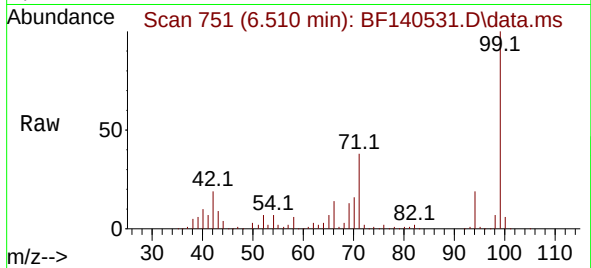




#7
Phenol-d6
Concen: 40.230 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

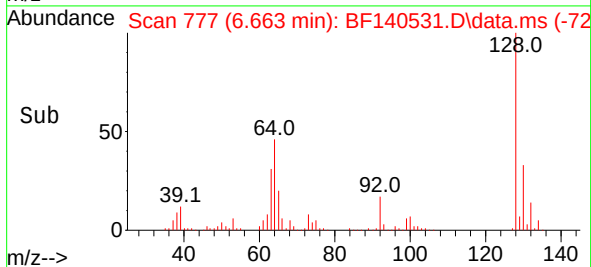
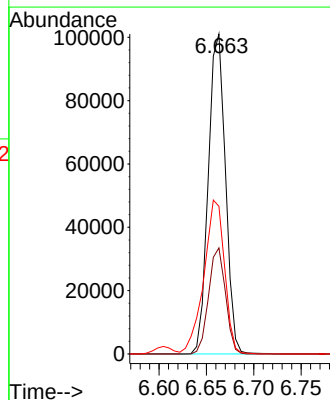
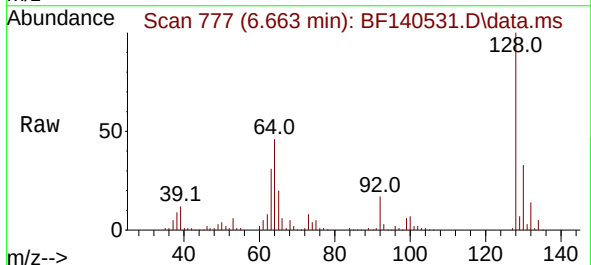
Instrument :
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ClientSampleId :
SSTDICC020

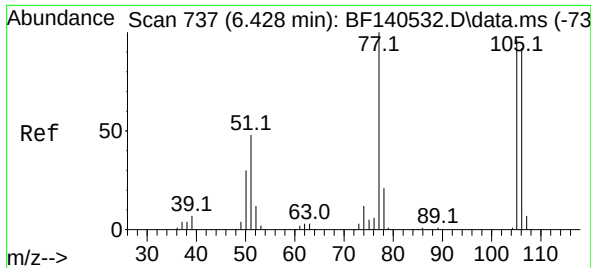
Tgt Ion: 99 Resp: 310375
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 38.1 30.6 46.0



#8
2-Chlorophenol
Concen: 20.263 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 128 Resp: 127220
Ion Ratio Lower Upper
128 100
130 33.2 12.3 52.3
64 46.2 30.2 70.2





#9

Benzaldehyde

Concen: 23.648 ng

RT: 6.422 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

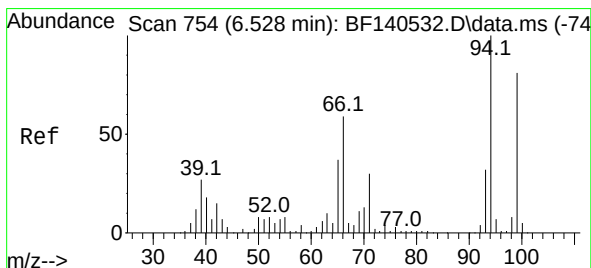
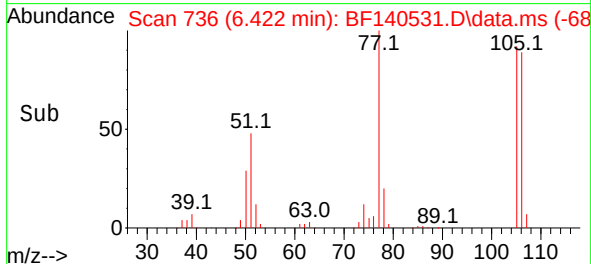
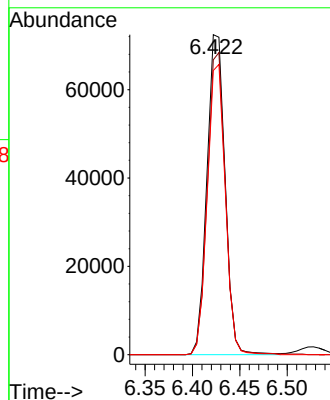
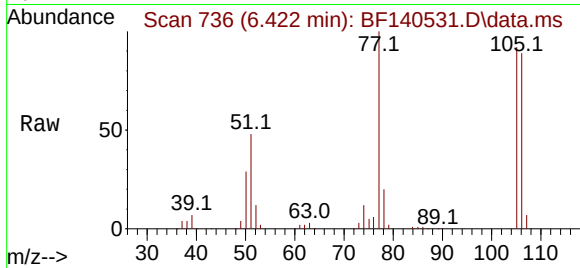
Tgt Ion: 77 Resp: 96584

Ion Ratio Lower Upper

77 100

105 92.1 75.6 115.6

106 88.8 72.0 112.0



#10

Phenol

Concen: 20.467 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

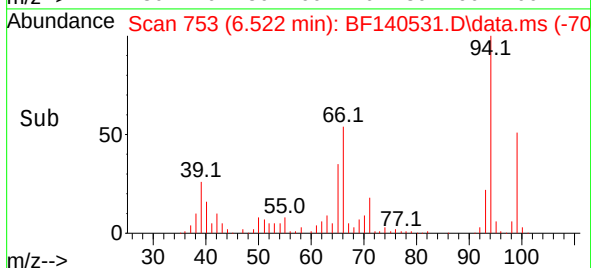
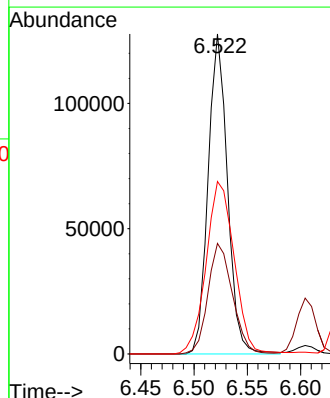
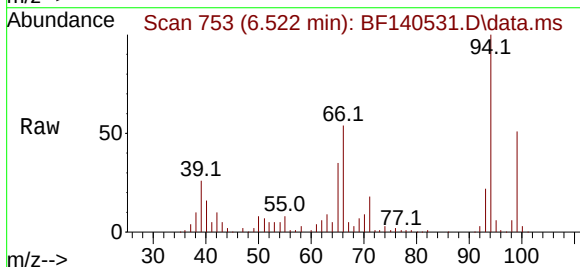
Tgt Ion: 94 Resp: 161262

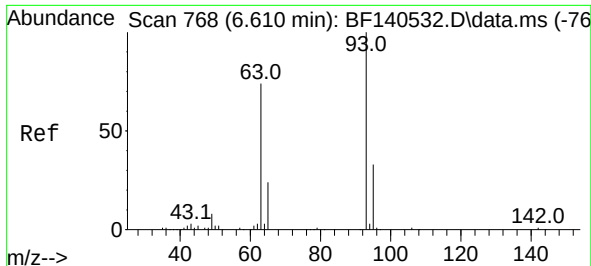
Ion Ratio Lower Upper

94 100

65 34.6 17.2 57.2

66 53.9 39.2 79.2

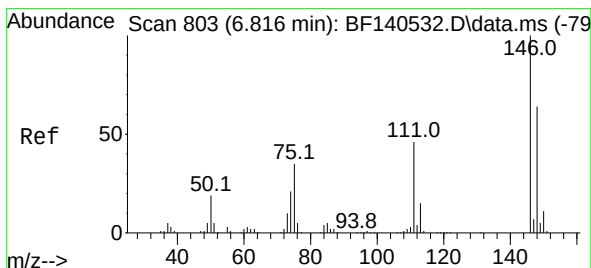
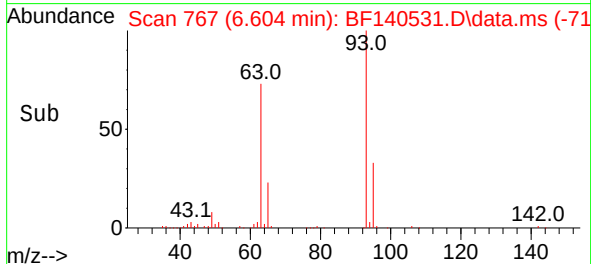
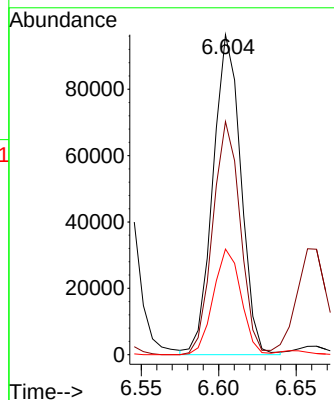
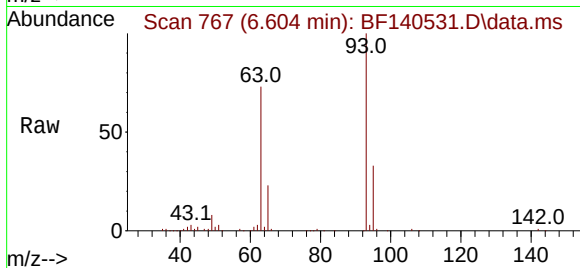




#11
bis(2-Chloroethyl)ether
Concen: 20.042 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

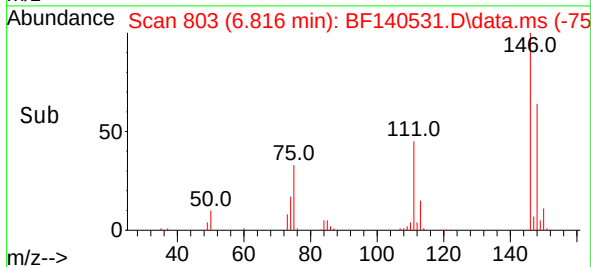
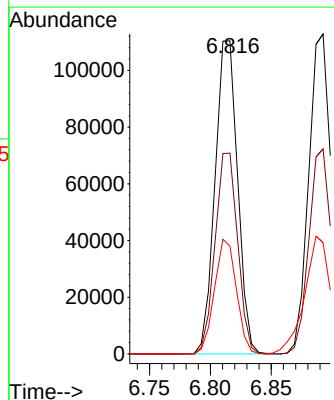
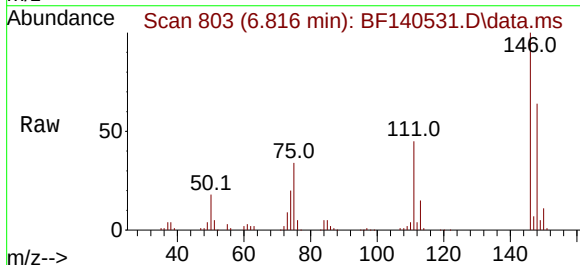
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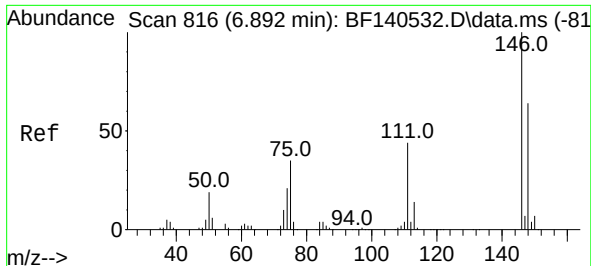
Tgt Ion: 93 Resp: 120837
Ion Ratio Lower Upper
93 100
63 72.9 52.8 92.8
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 20.228 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:146 Resp: 142704
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 34.4 28.2 42.2

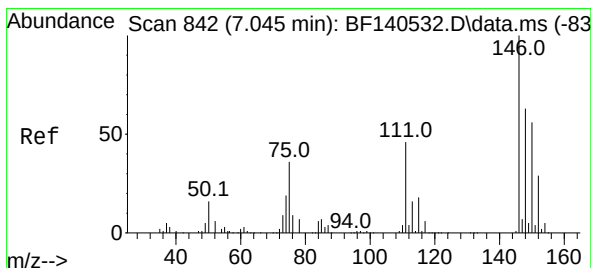
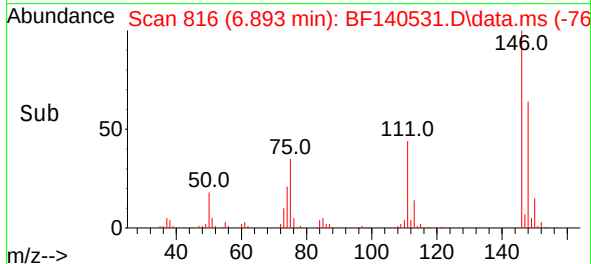
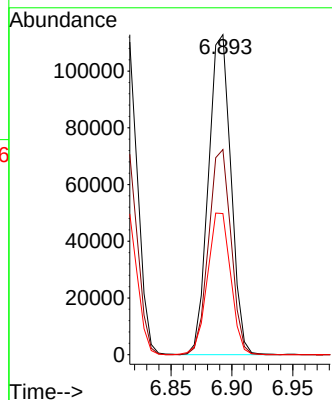
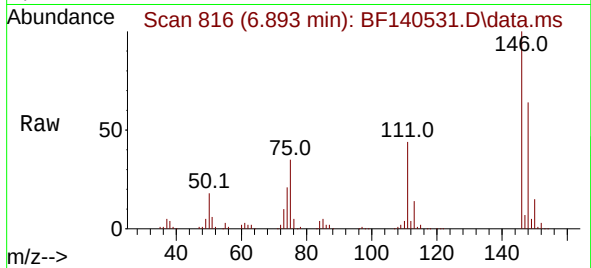




#13
1,4-Dichlorobenzene
Concen: 20.293 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

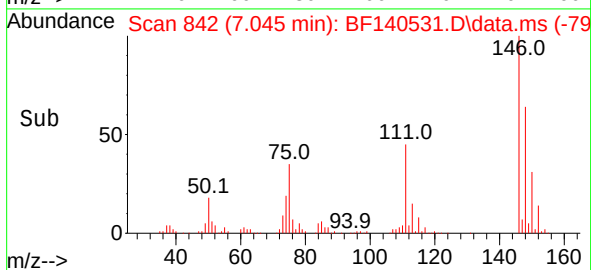
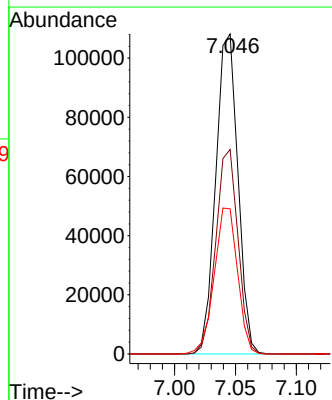
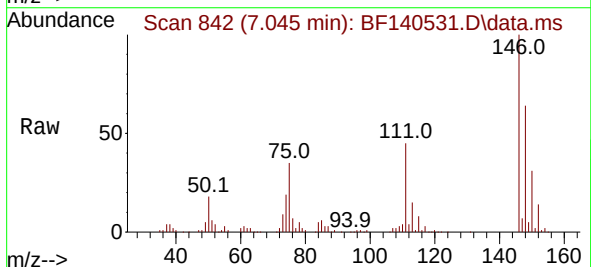
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

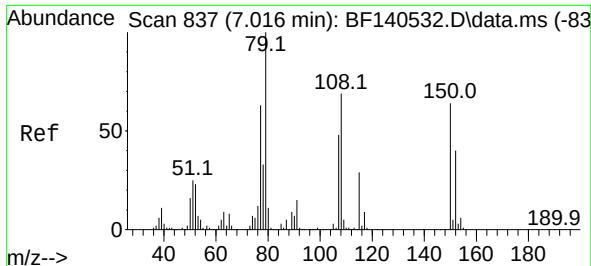
Tgt Ion:146 Resp: 144955
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 44.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 20.459 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:146 Resp: 136939
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 45.3 36.7 55.1

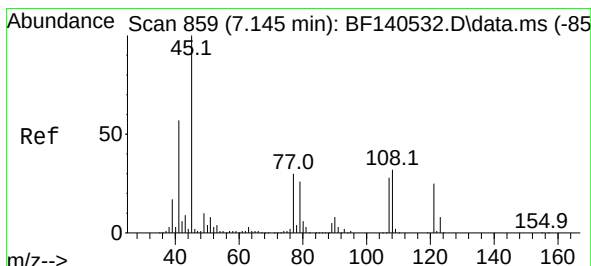
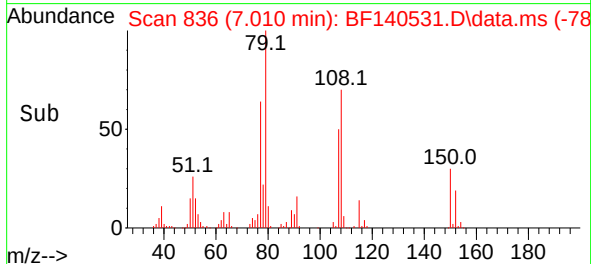
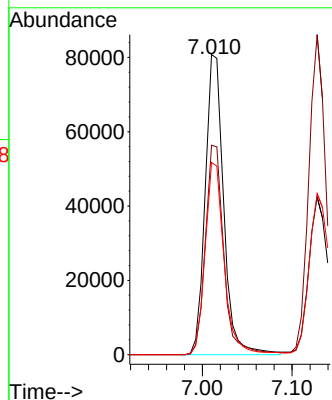
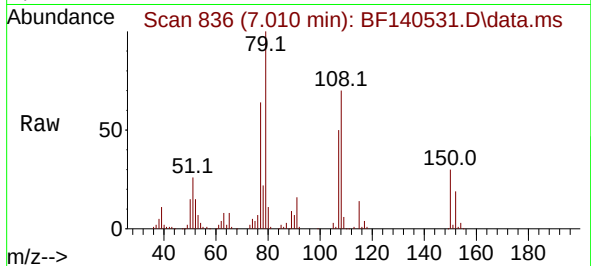




#15
Benzyl Alcohol
Concen: 20.205 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

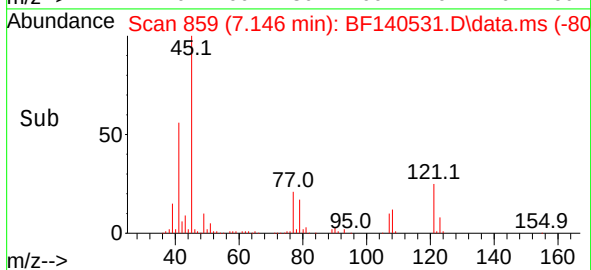
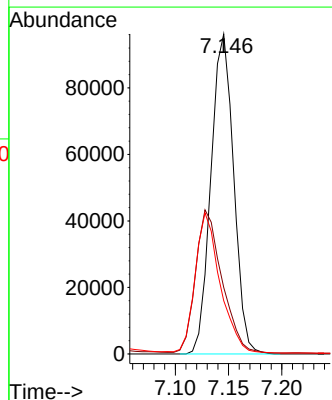
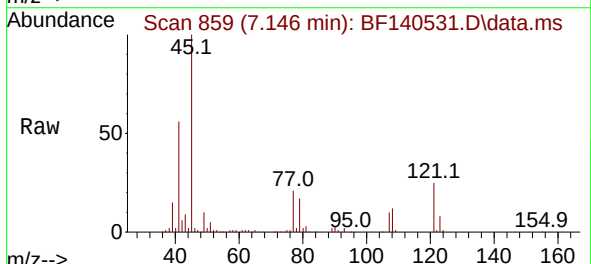
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

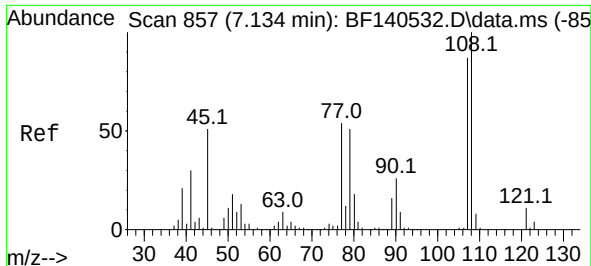
Tgt Ion: 79 Resp: 115602
Ion Ratio Lower Upper
79 100
108 69.8 55.0 82.6
77 64.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.040 ng
RT: 7.146 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 45 Resp: 142742
Ion Ratio Lower Upper
45 100
77 20.8 10.7 50.7
79 16.6 7.0 47.0

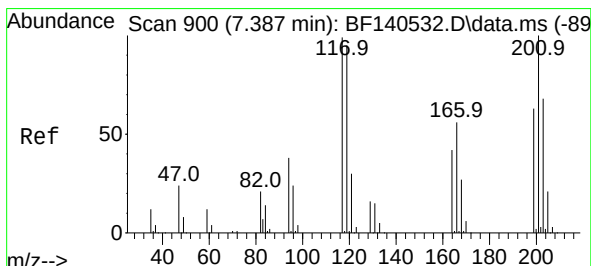
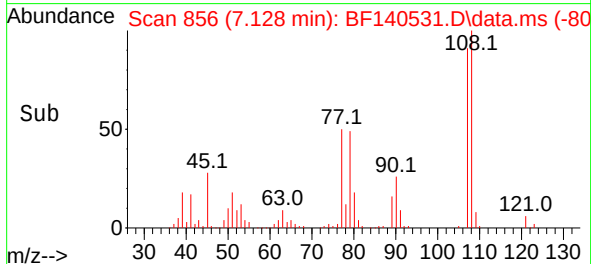
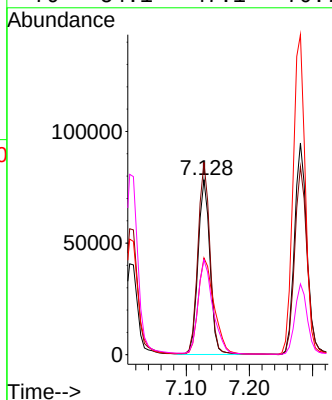
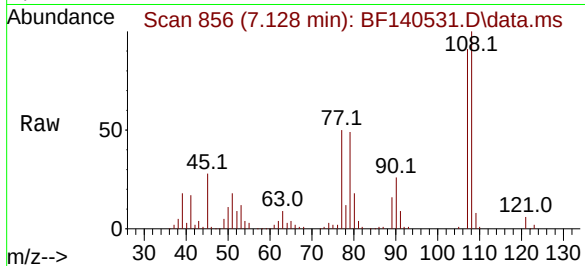




#17
2-Methylphenol
Concen: 20.473 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

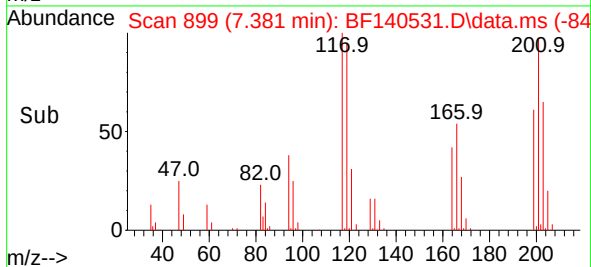
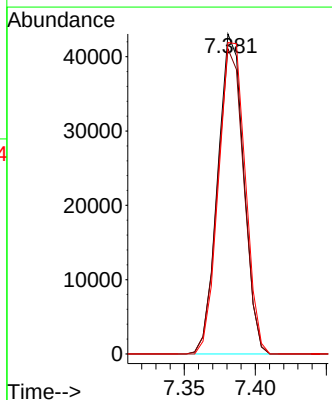
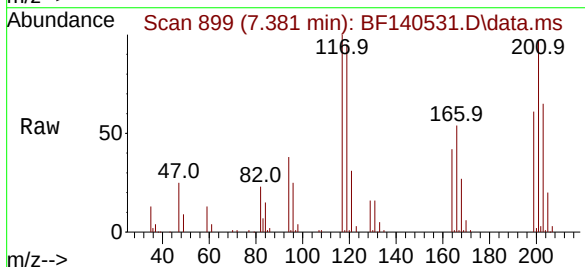
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

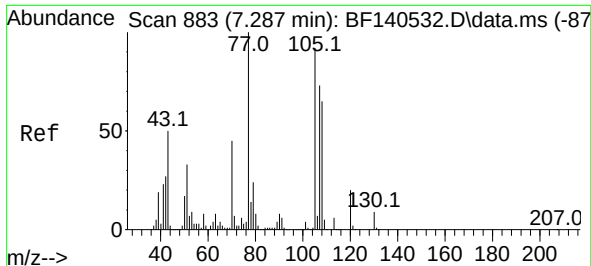
Tgt Ion:	107	Resp:	102895
Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.7	137.5
77	55.3	49.3	73.9
79	54.1	47.1	70.7



#18
Hexachloroethane
Concen: 20.475 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:	117	Resp:	54624
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.1	115.7
201	97.3	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 19.996 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 91173

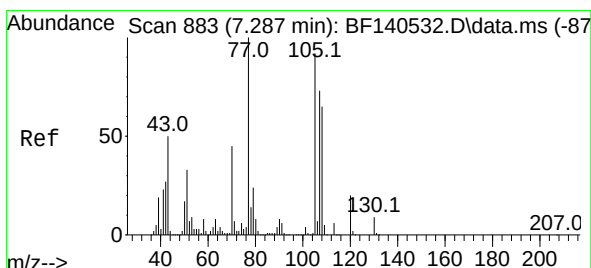
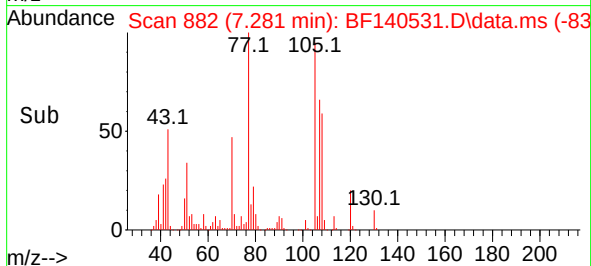
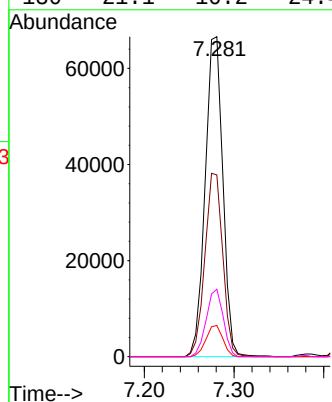
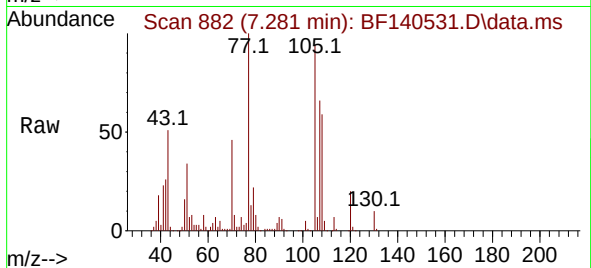
Ion Ratio Lower Upper

70 100

42 56.8 47.6 71.4

101 9.8 7.6 11.4

130 21.1 16.2 24.4



#20

3+4-Methylphenols

Concen: 20.117 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:107 Resp: 129954

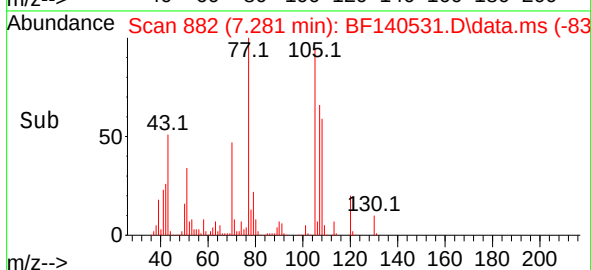
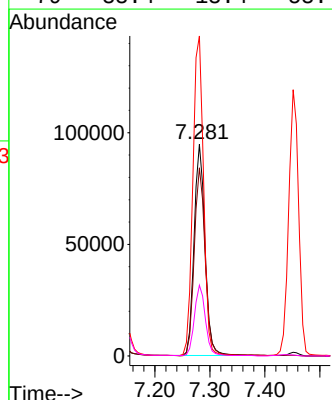
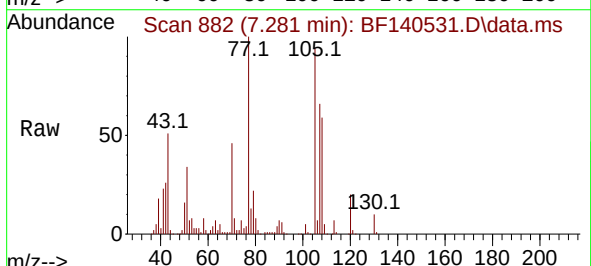
Ion Ratio Lower Upper

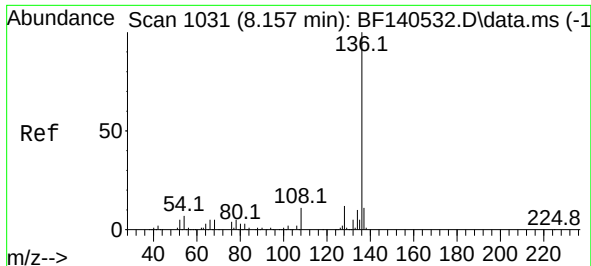
107 100

108 88.9 69.9 109.9

77 151.1 117.7 157.7

79 33.4 13.4 53.4

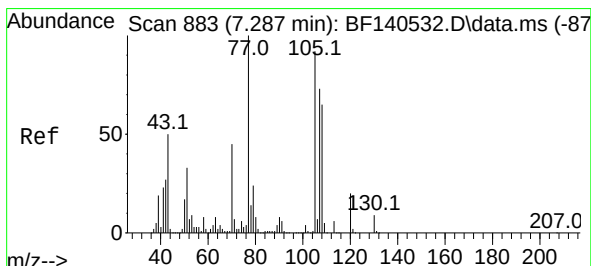
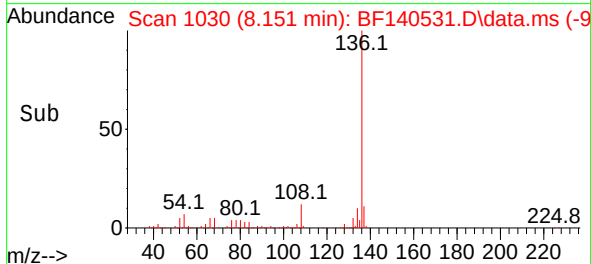
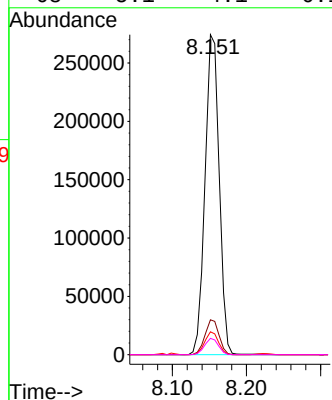
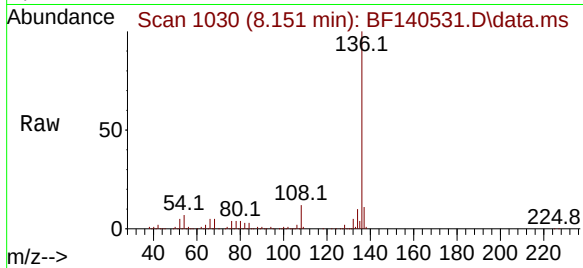




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

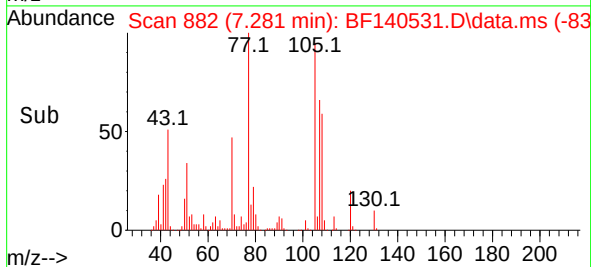
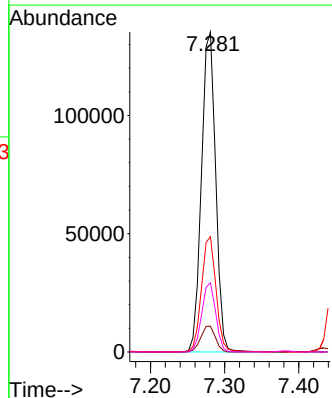
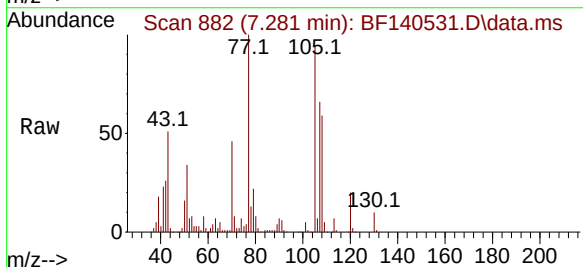
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

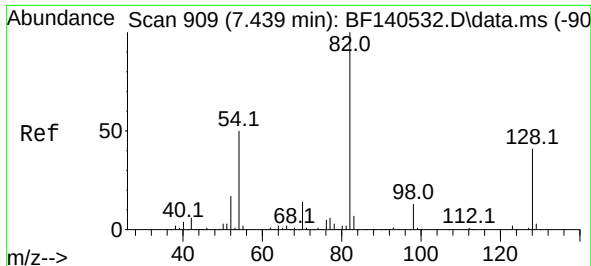
Tgt Ion:136 Resp: 364692
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.8 8.8
68 5.1 4.1 6.1



#22
Acetophenone
Concen: 20.270 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:105 Resp: 180222
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 36.1 29.0 43.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 40.422 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

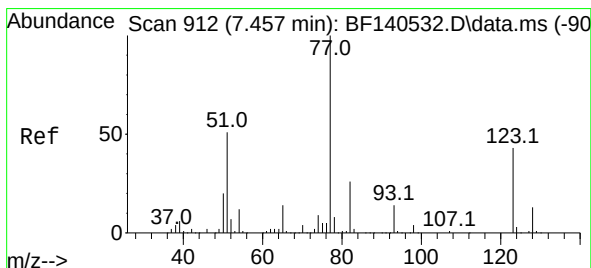
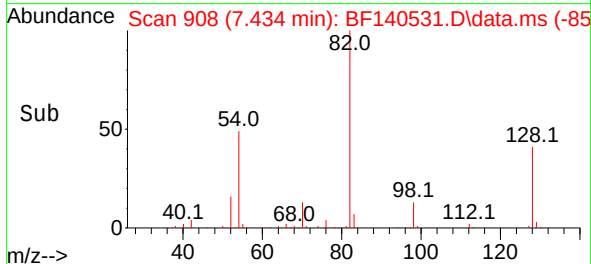
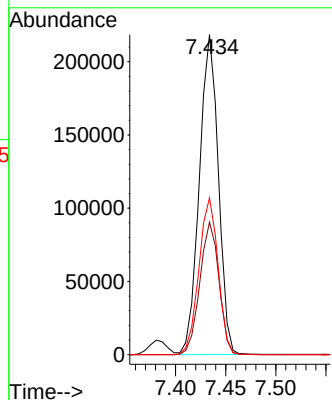
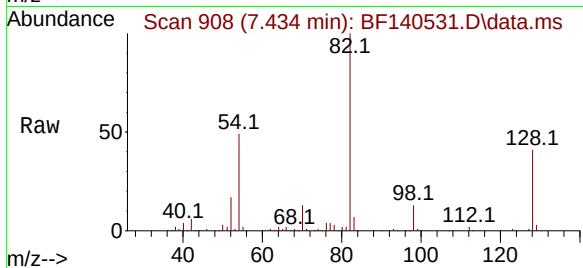
Tgt Ion: 82 Resp: 288201

Ion Ratio Lower Upper

82 100

128 41.4 33.0 49.4

54 49.0 39.5 59.3



#24

Nitrobenzene

Concen: 20.218 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

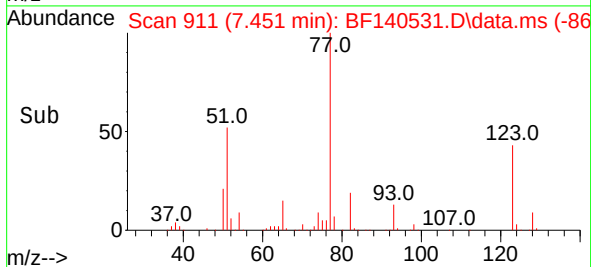
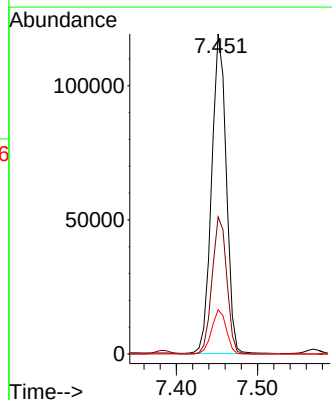
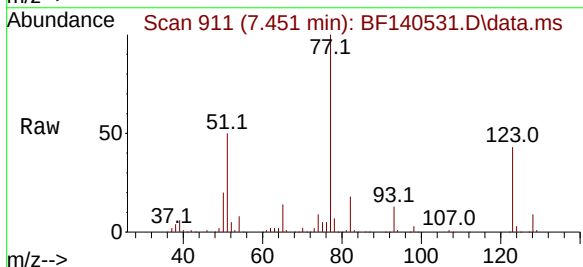
Tgt Ion: 77 Resp: 148986

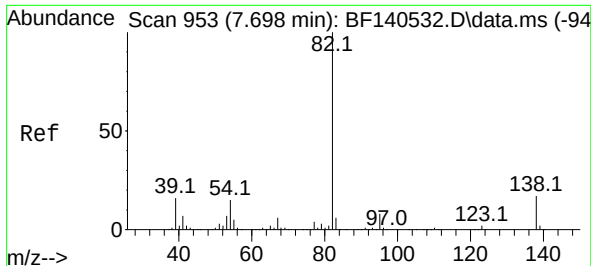
Ion Ratio Lower Upper

77 100

123 42.9 34.3 51.5

65 13.8 11.2 16.8

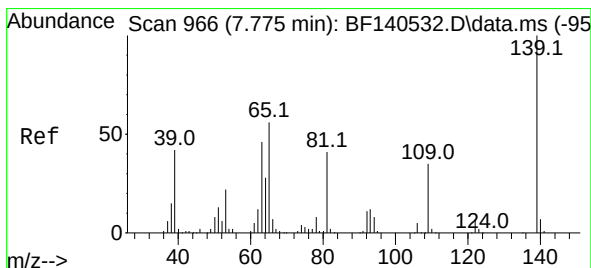
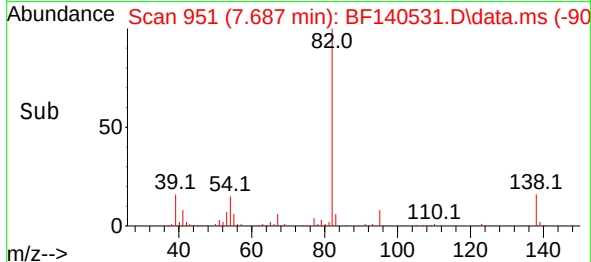
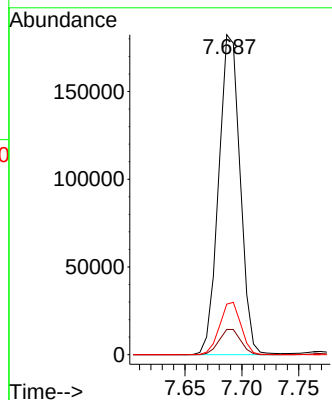
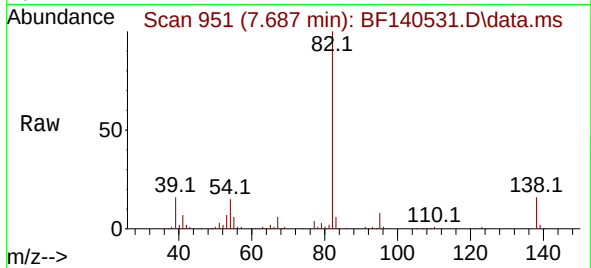




#25
Isophorone
Concen: 20.158 ng
RT: 7.687 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

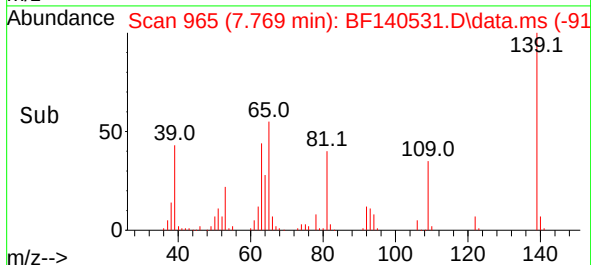
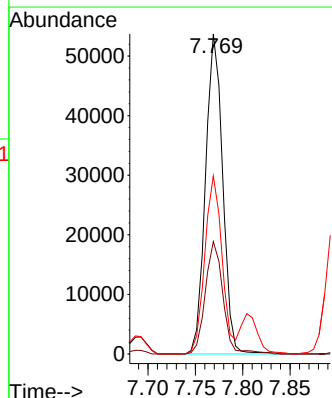
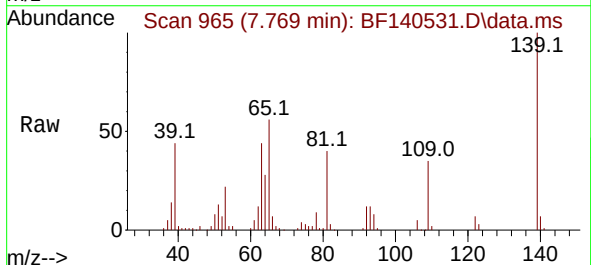
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

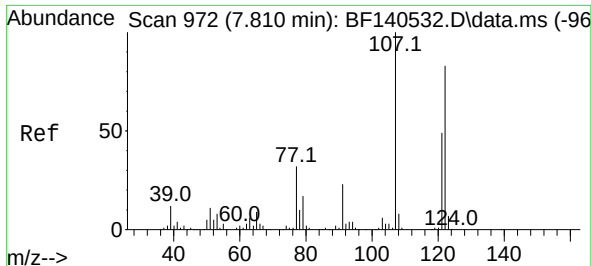
Tgt Ion: 82 Resp: 239713
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 15.8 13.8 20.6



#26
2-Nitrophenol
Concen: 20.699 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:139 Resp: 67593
Ion Ratio Lower Upper
139 100
109 35.1 28.0 42.0
65 55.6 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 19.836 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

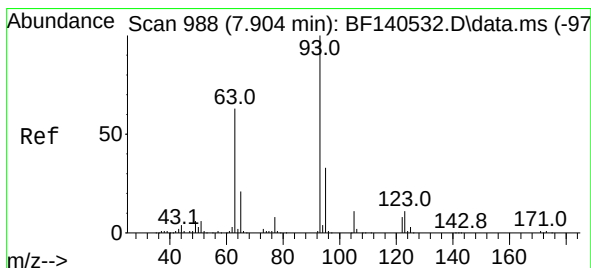
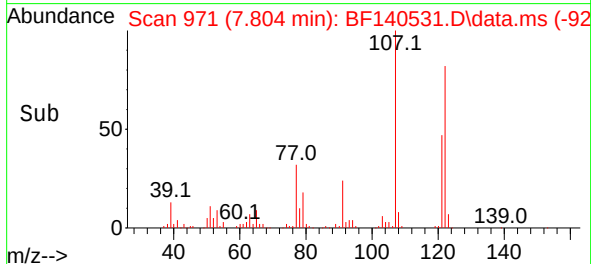
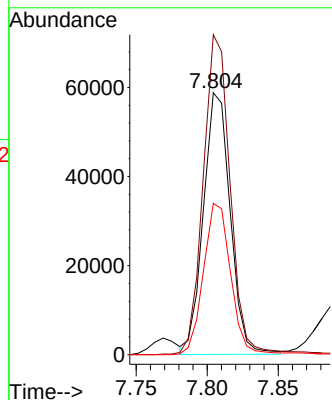
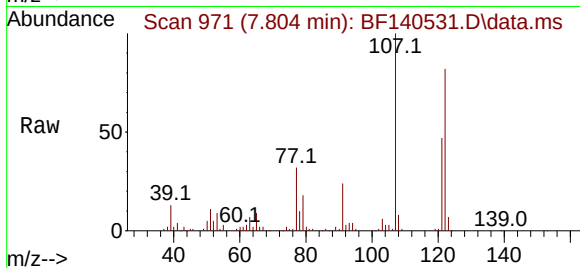
Tgt Ion:122 Resp: 77504

Ion Ratio Lower Upper

122 100

107 122.2 96.8 145.2

121 57.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 20.277 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

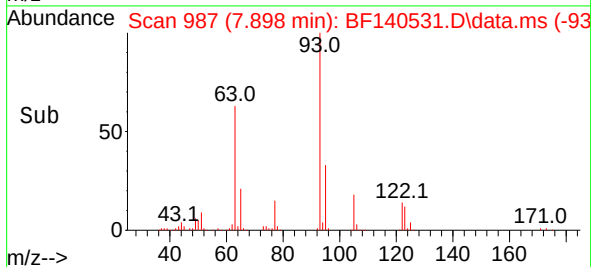
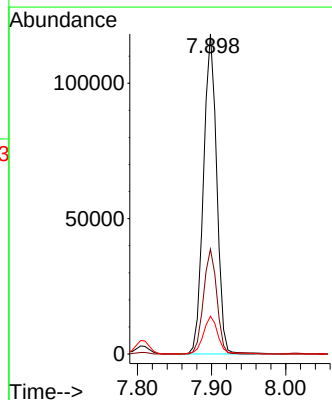
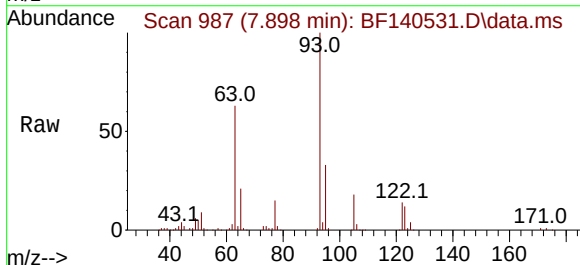
Tgt Ion: 93 Resp: 146899

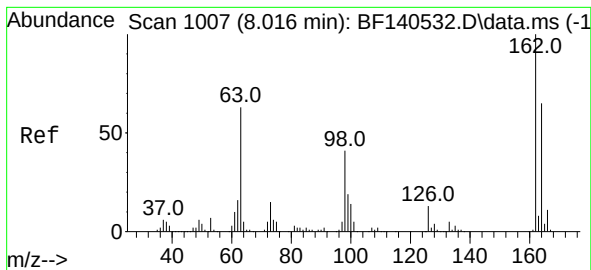
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 20.456 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

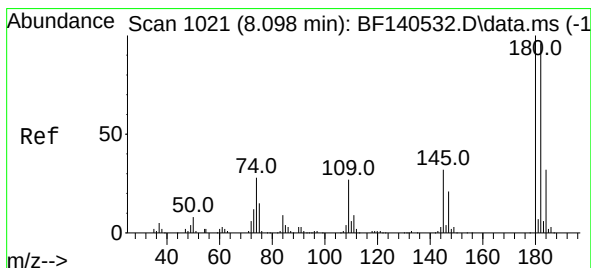
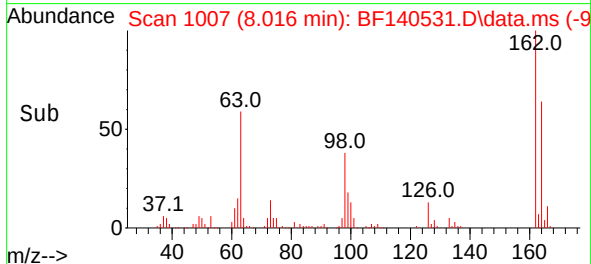
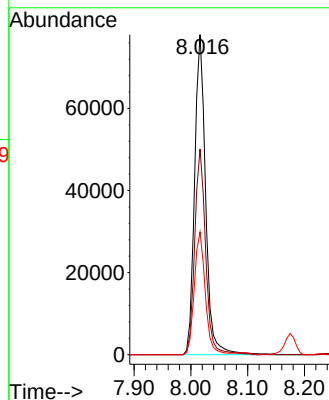
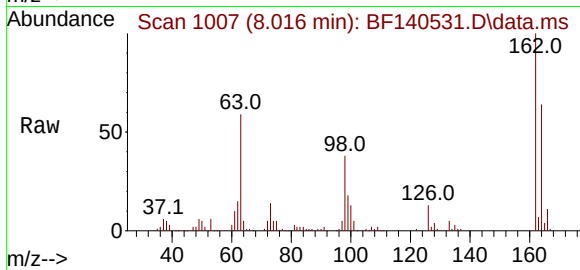
Tgt Ion:162 Resp: 105906

Ion Ratio Lower Upper

162 100

164 64.3 44.8 84.8

98 38.3 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 20.461 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

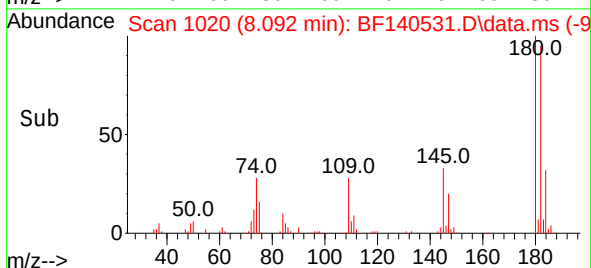
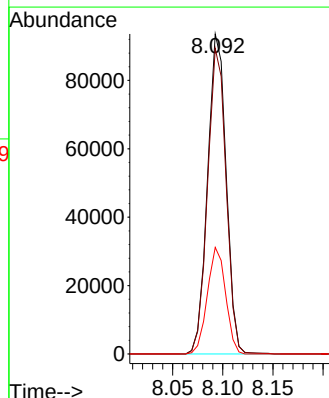
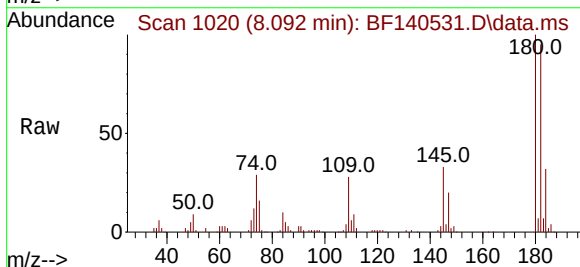
Tgt Ion:180 Resp: 120949

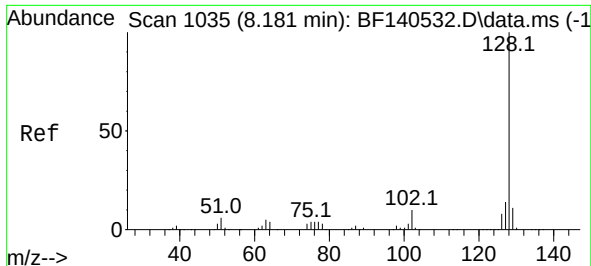
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

145 33.3 25.9 38.9

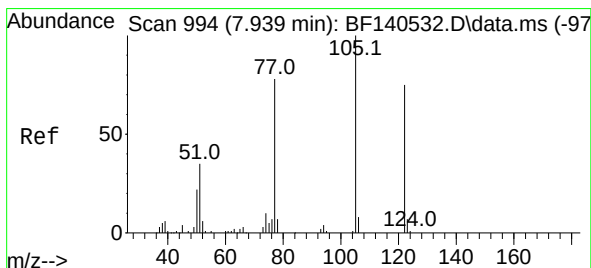
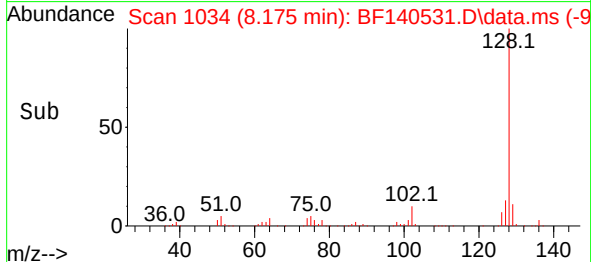
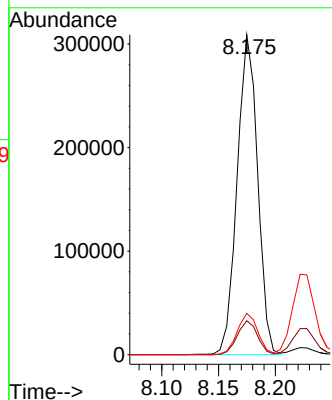
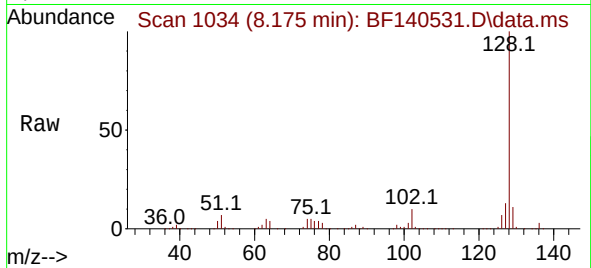




#31
Naphthalene
Concen: 20.614 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

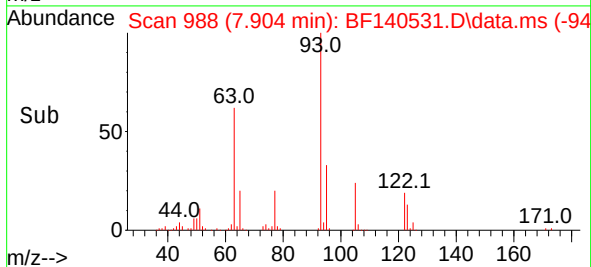
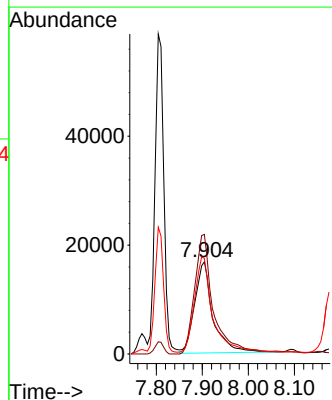
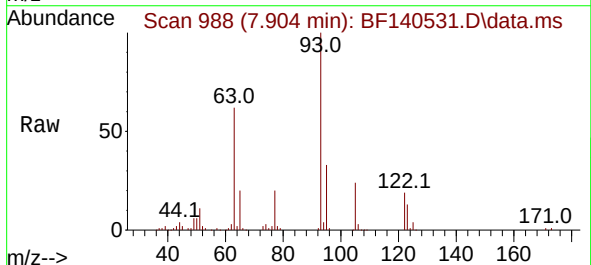
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

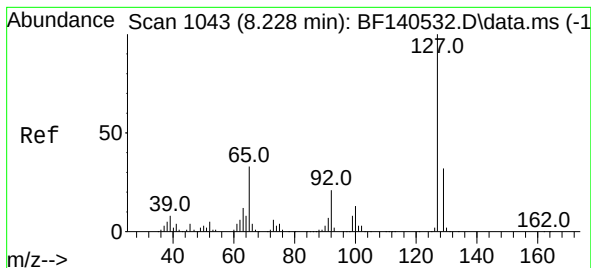
Tgt Ion:128 Resp: 387236
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 18.678 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.035 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:122 Resp: 45935
Ion Ratio Lower Upper
122 100
105 129.6 109.3 149.3
77 103.8 82.3 122.3





#33

4-Chloroaniline

Concen: 20.042 ng

RT: 8.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 112719

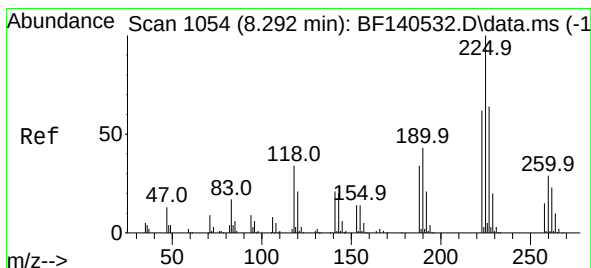
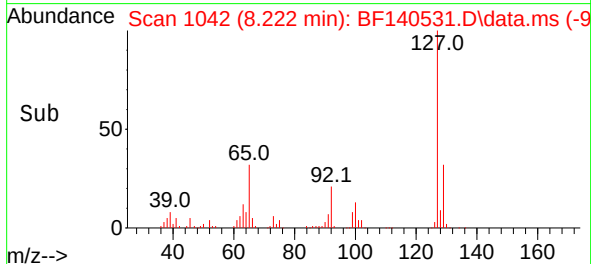
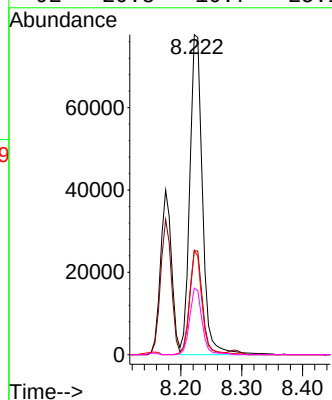
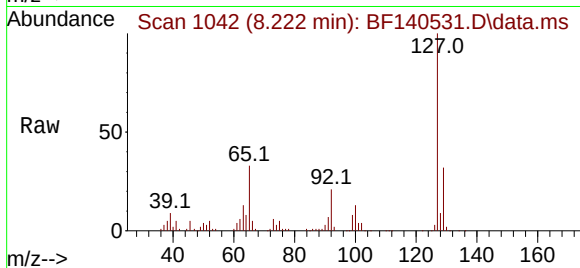
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 32.6 26.0 39.0

92 20.8 16.7 25.1



#34

Hexachlorobutadiene

Concen: 20.427 ng

RT: 8.287 min Scan# 1053

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

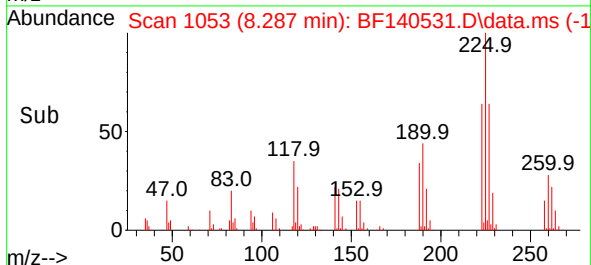
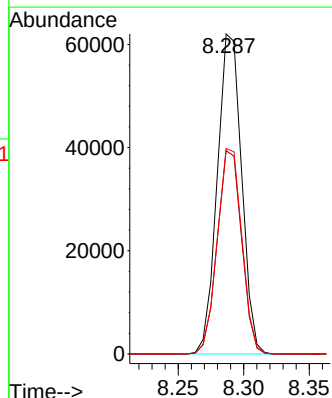
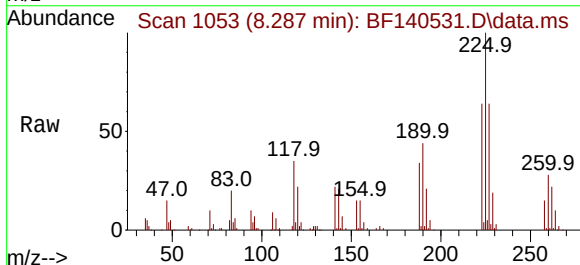
Tgt Ion:225 Resp: 79980

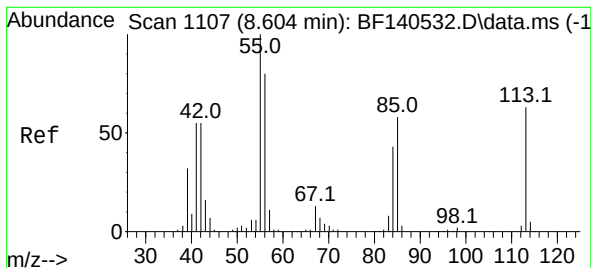
Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.8

227 64.2 51.3 76.9





#35

Caprolactam

Concen: 20.609 ng

RT: 8.581 min Scan# 1103

Delta R.T. -0.023 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

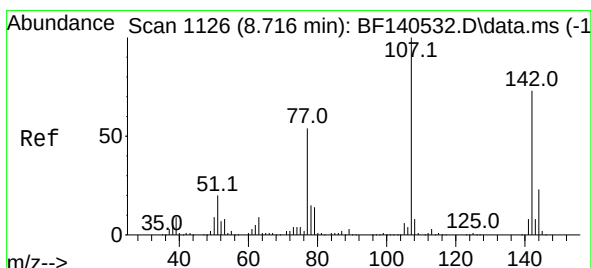
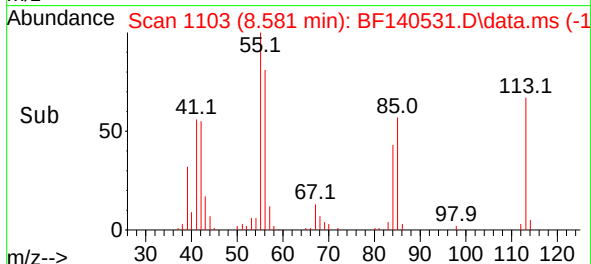
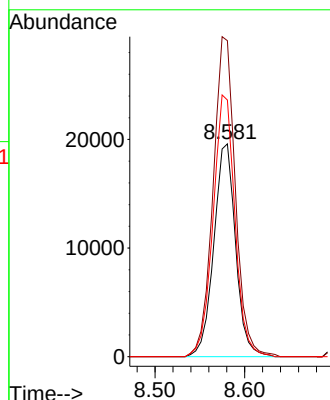
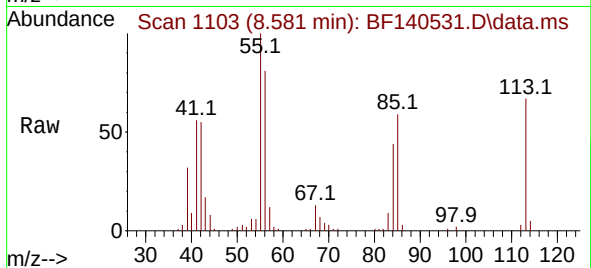
Tgt Ion:113 Resp: 33020

Ion Ratio Lower Upper

113 100

55 148.5 137.7 177.7

56 120.6 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 19.974 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

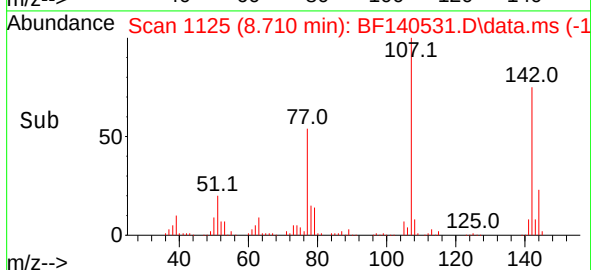
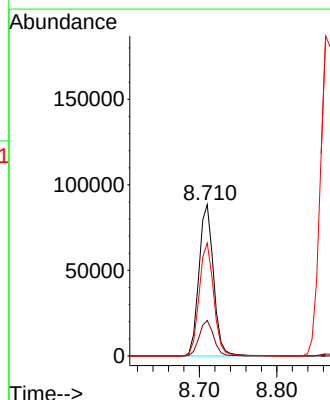
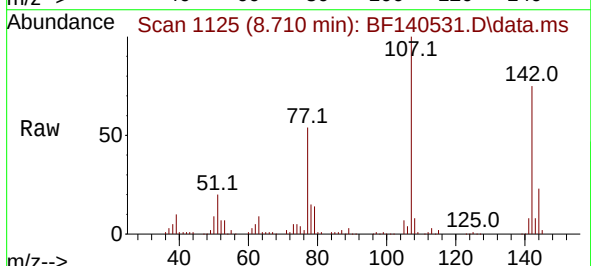
Tgt Ion:107 Resp: 115782

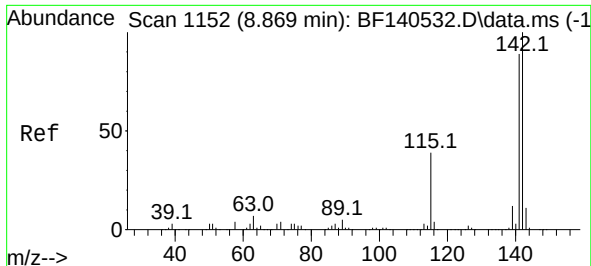
Ion Ratio Lower Upper

107 100

144 23.4 18.7 28.1

142 74.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 20.446 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

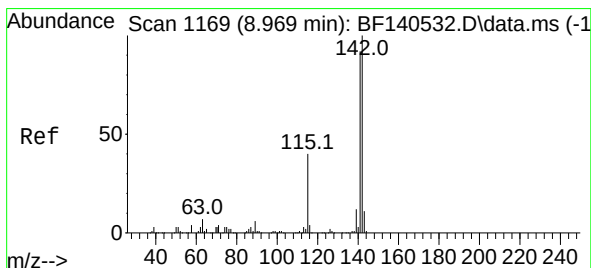
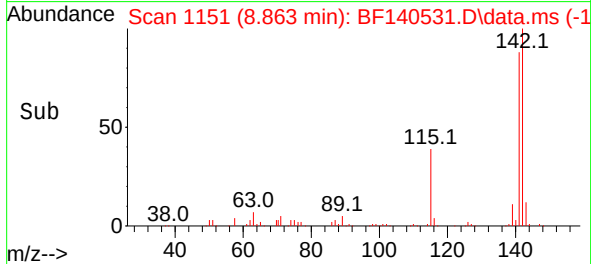
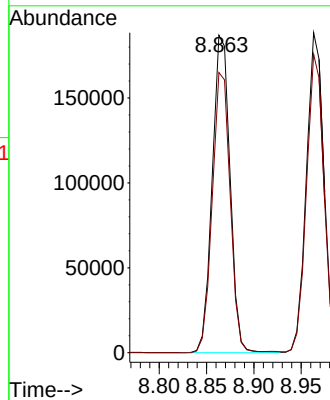
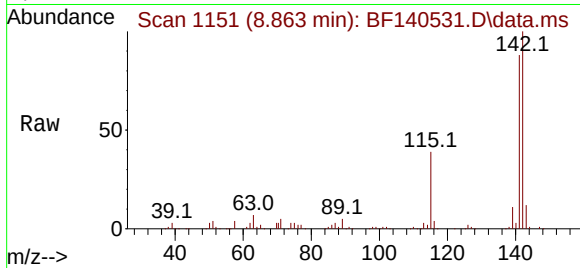
SSTDICC020

Tgt Ion:142 Resp: 243949

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 20.564 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140531.D

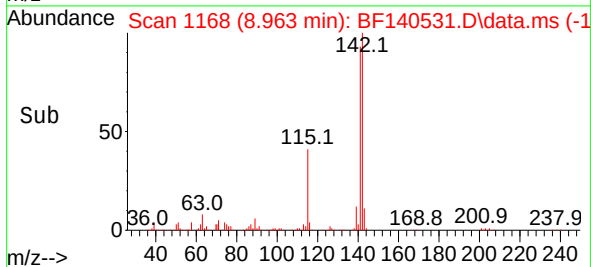
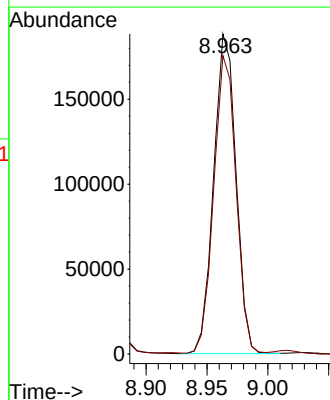
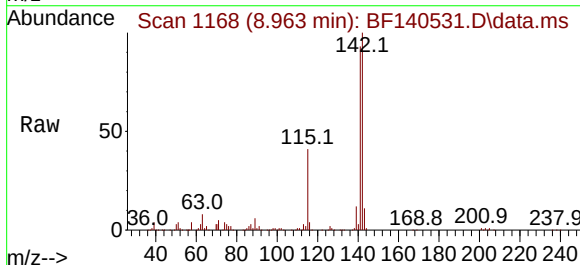
Acq: 21 Nov 2024 12:32

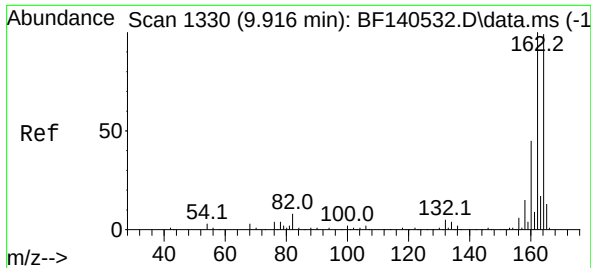
Tgt Ion:142 Resp: 240502

Ion Ratio Lower Upper

142 100

141 93.2 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

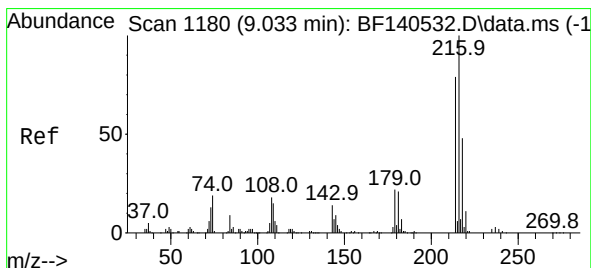
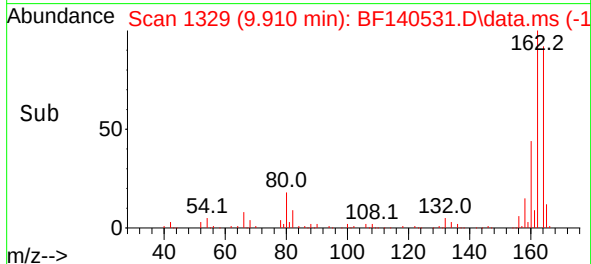
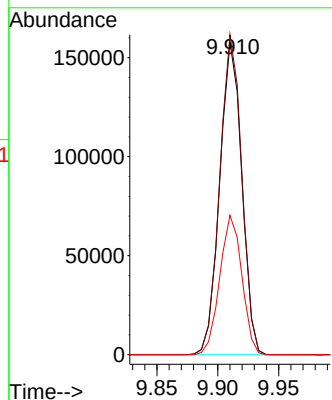
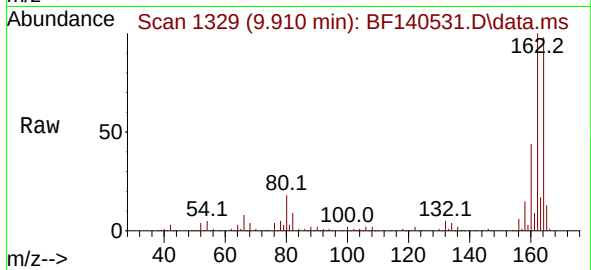
Tgt Ion:164 Resp: 198805

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 44.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.695 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:216 Resp: 120444

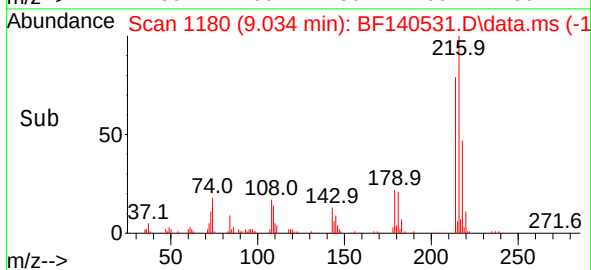
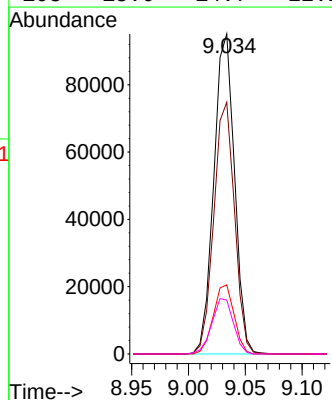
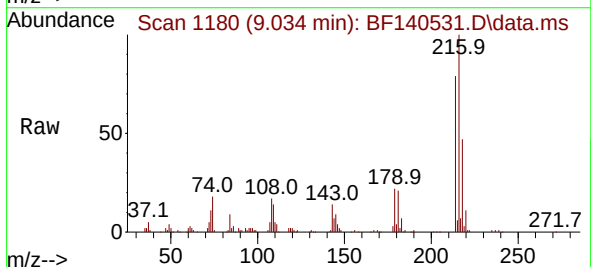
Ion Ratio Lower Upper

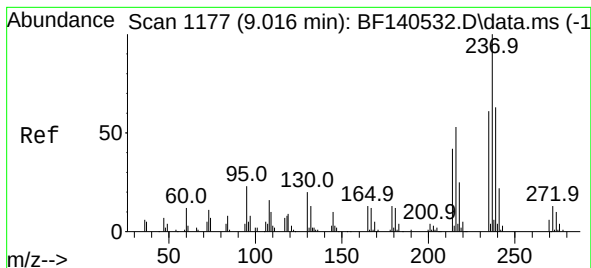
216 100

214 78.6 63.0 94.4

179 21.7 17.5 26.3

108 18.0 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 19.734 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

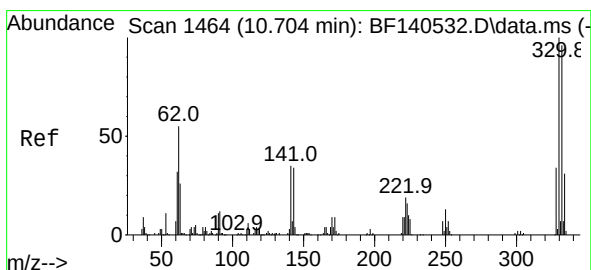
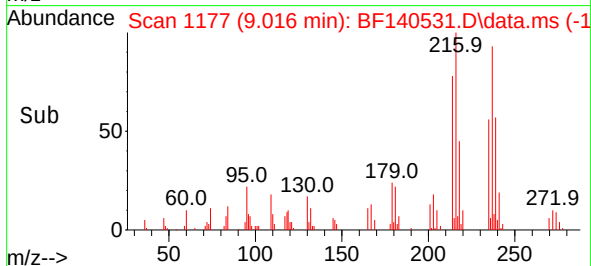
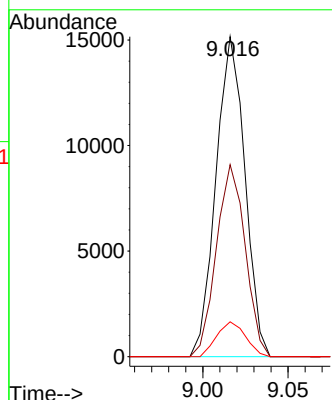
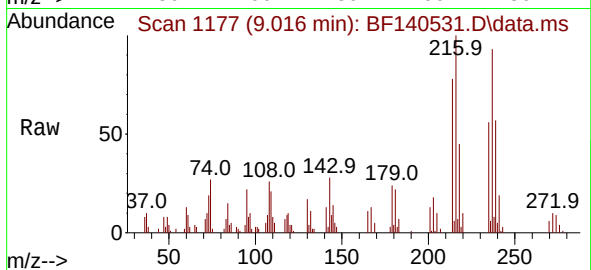
Tgt Ion:237 Resp: 17909

Ion Ratio Lower Upper

237 100

235 60.0 41.1 81.1

272 10.9 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 41.118 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

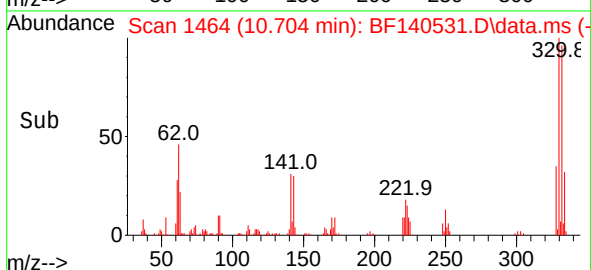
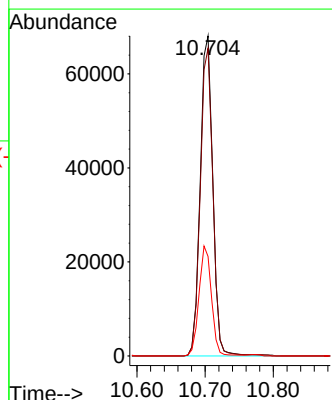
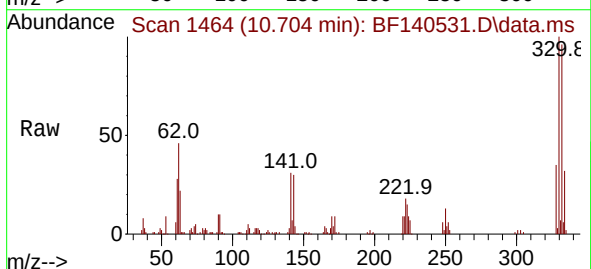
Tgt Ion:330 Resp: 87426

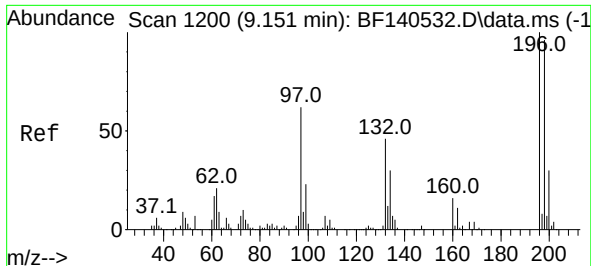
Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 34.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 20.410 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

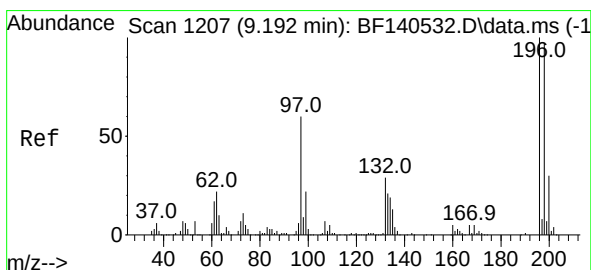
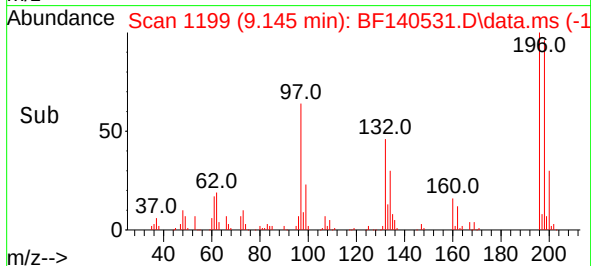
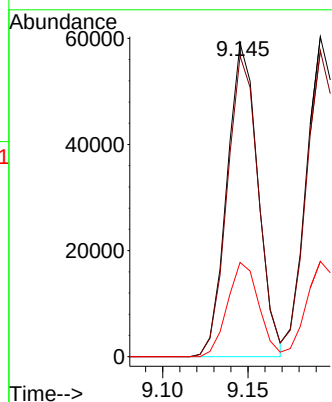
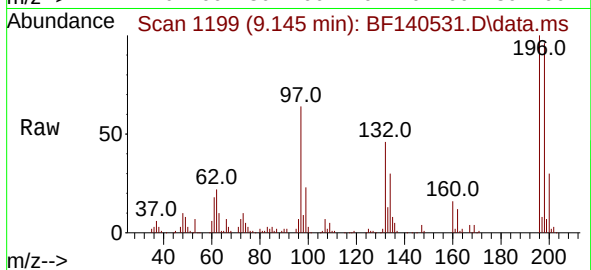
Tgt Ion:196 Resp: 74538

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

200 30.0 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 20.585 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:196 Resp: 81588

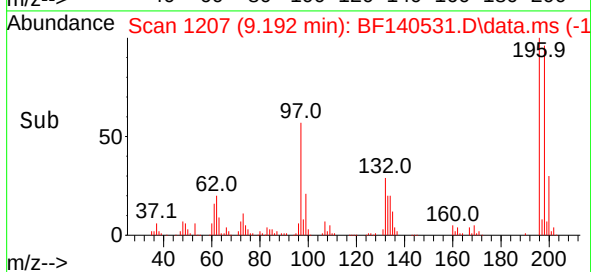
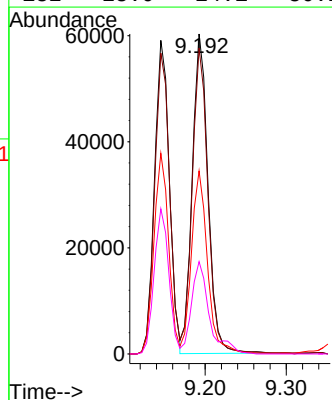
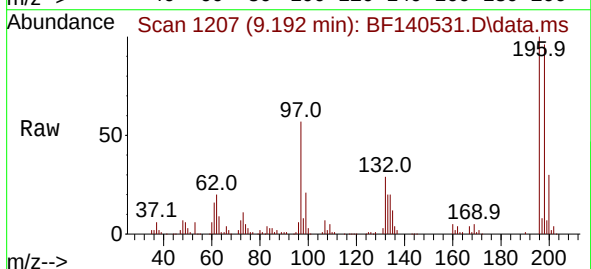
Ion Ratio Lower Upper

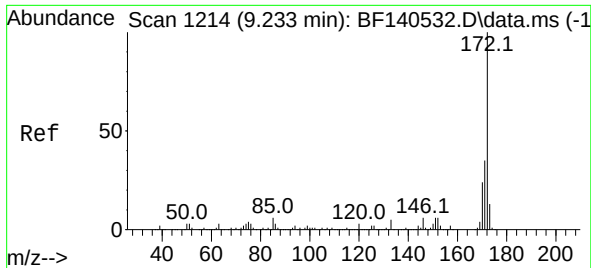
196 100

198 95.6 77.2 115.8

97 57.2 47.1 70.7

132 28.9 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 42.389 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

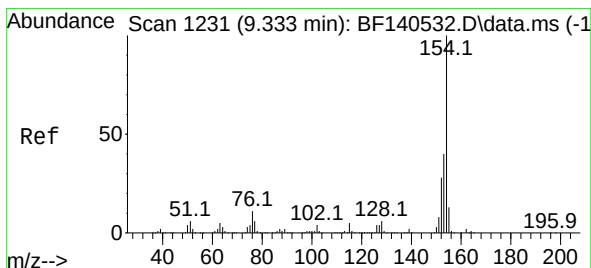
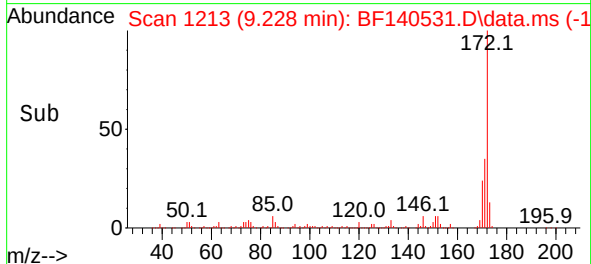
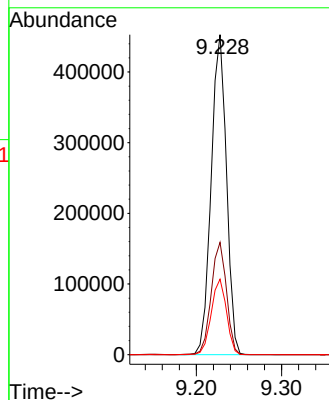
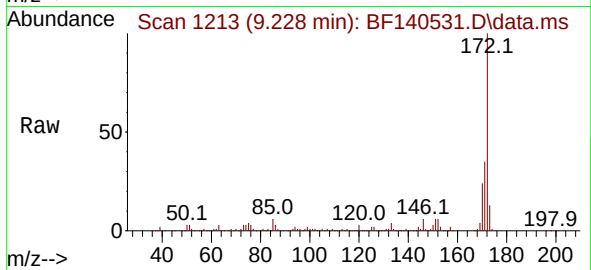
Tgt Ion:172 Resp: 565607

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 20.936 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

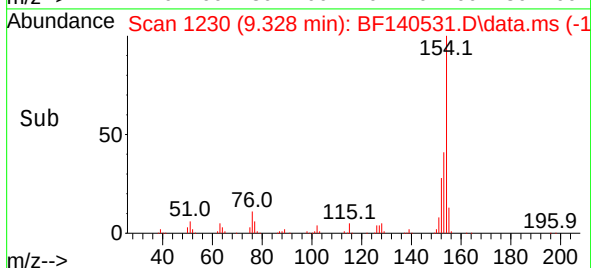
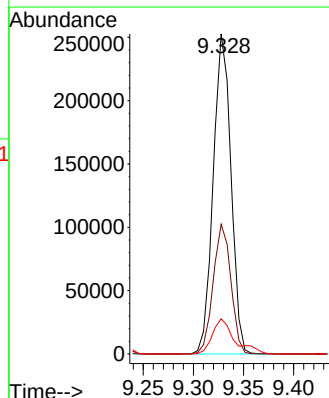
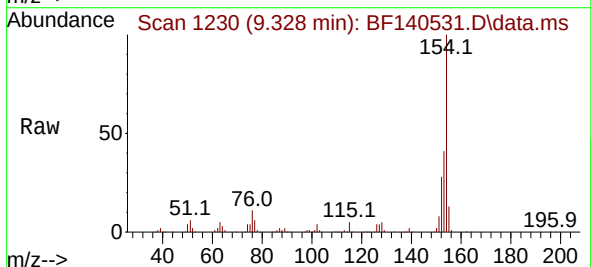
Tgt Ion:154 Resp: 310749

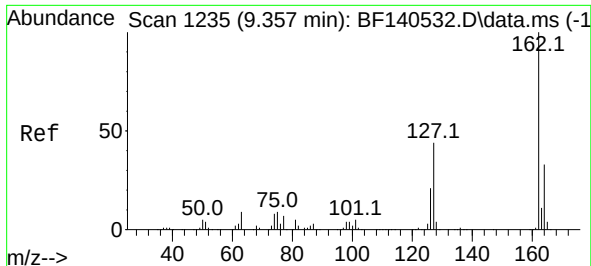
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 20.545 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

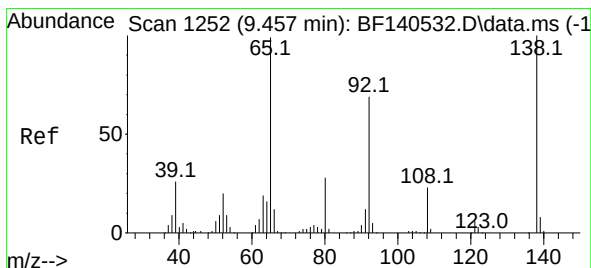
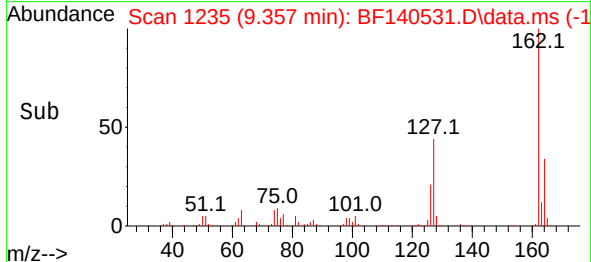
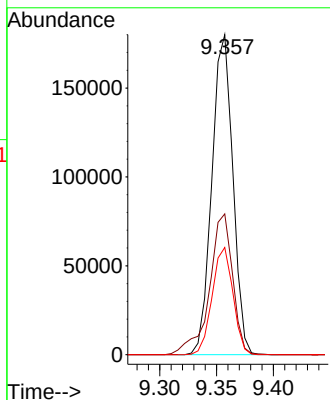
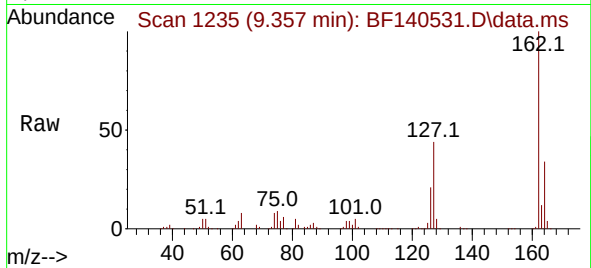
Tgt Ion:162 Resp: 231066

Ion Ratio Lower Upper

162 100

127 44.0 35.7 53.5

164 33.5 26.1 39.1



#48

2-Nitroaniline

Concen: 20.871 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

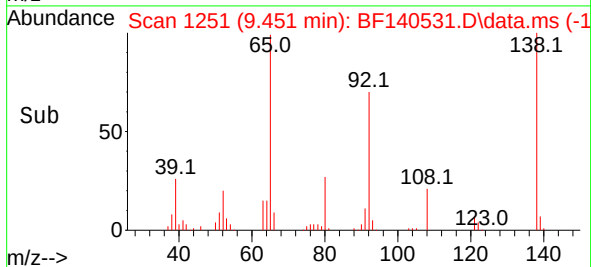
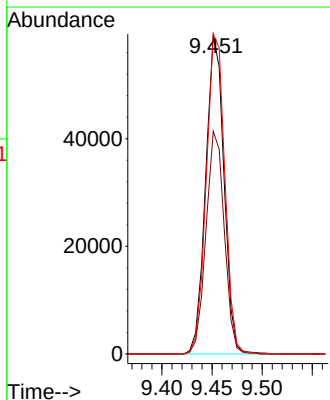
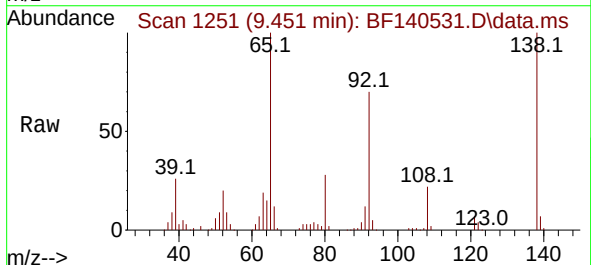
Tgt Ion: 65 Resp: 75343

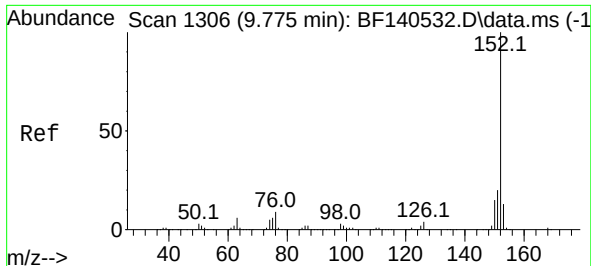
Ion Ratio Lower Upper

65 100

92 69.8 56.1 84.1

138 100.4 81.0 121.6





#49

Acenaphthylene

Concen: 21.155 ng

RT: 9.769 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

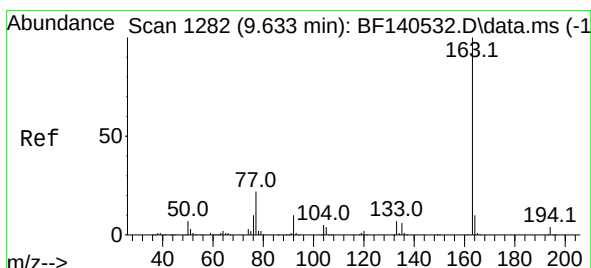
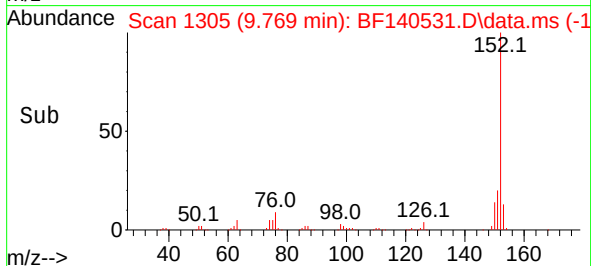
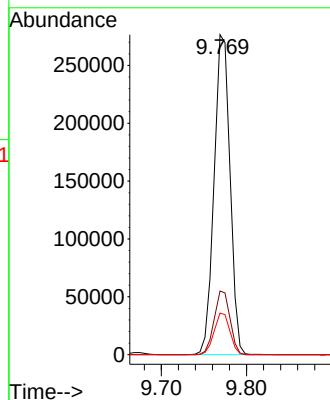
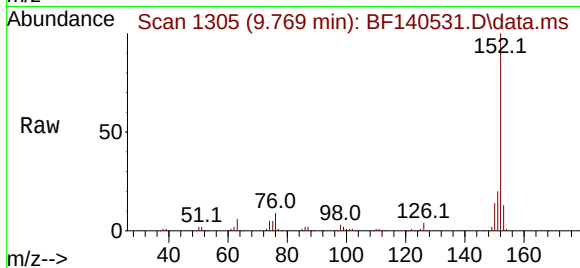
Tgt Ion:152 Resp: 359483

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 20.440 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

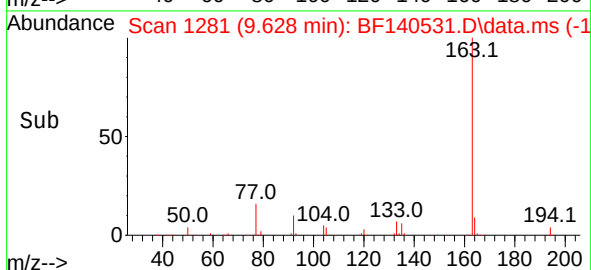
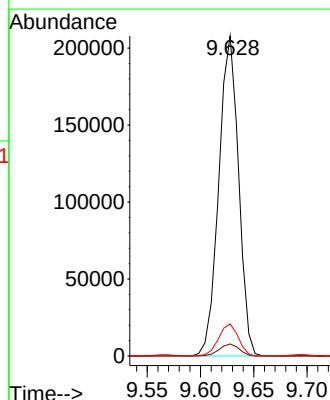
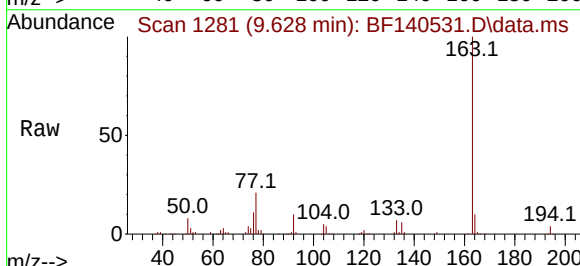
Tgt Ion:163 Resp: 267629

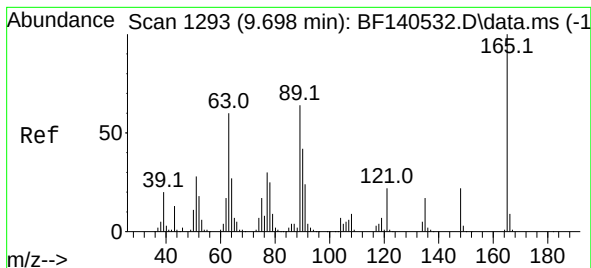
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 20.568 ng

RT: 9.692 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

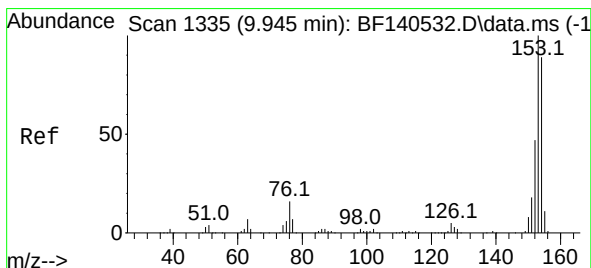
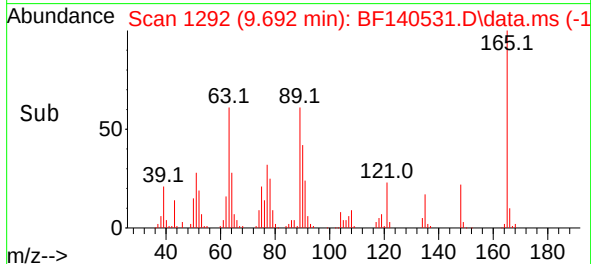
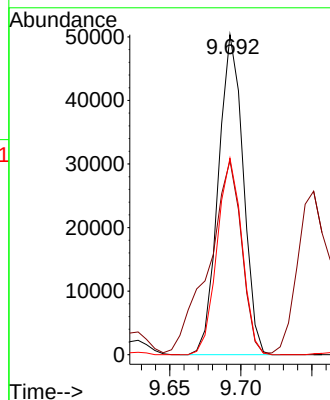
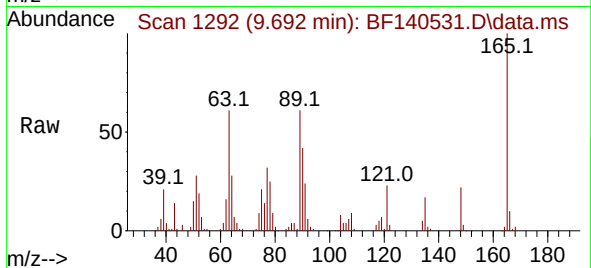
Tgt Ion:165 Resp: 61076

Ion Ratio Lower Upper

165 100

63 60.7 49.9 74.9

89 61.4 50.9 76.3



#52

Acenaphthene

Concen: 21.493 ng

RT: 9.945 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

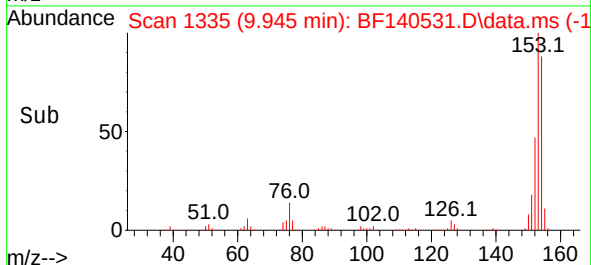
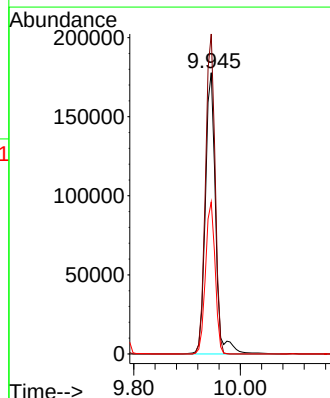
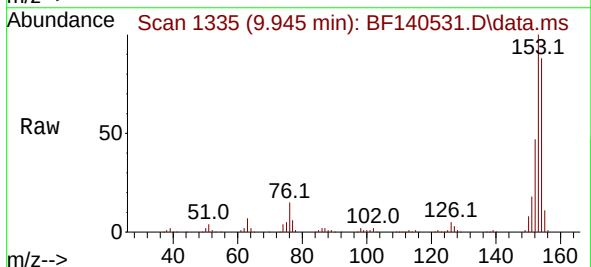
Tgt Ion:154 Resp: 236493

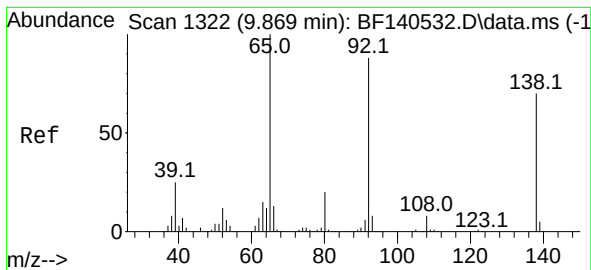
Ion Ratio Lower Upper

154 100

153 113.8 89.7 134.5

152 54.0 42.5 63.7





#53

3-Nitroaniline

Concen: 21.128 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

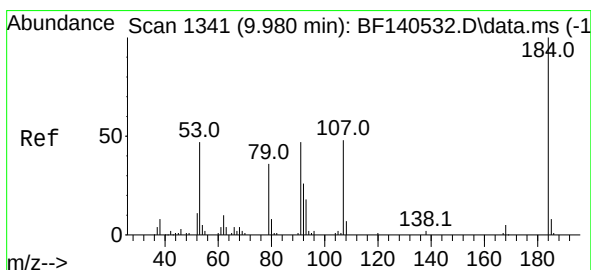
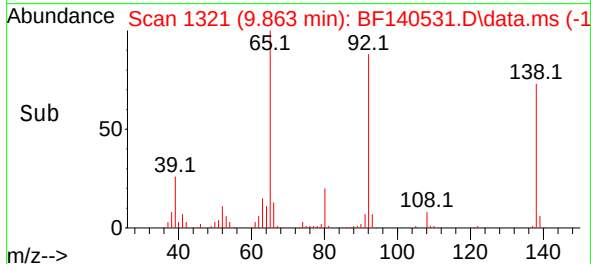
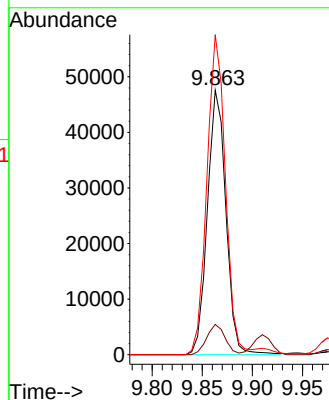
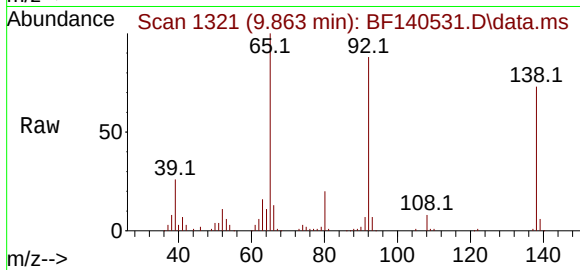
Tgt Ion:138 Resp: 61362

Ion Ratio Lower Upper

138 100

108 11.4 9.2 13.8

92 121.0 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 18.164 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.005 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

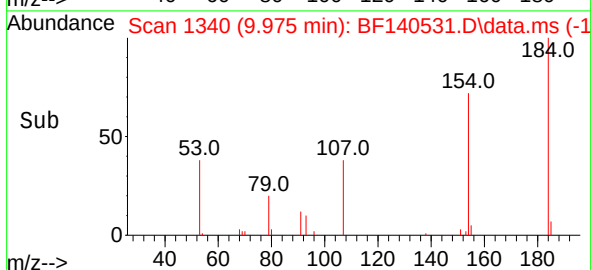
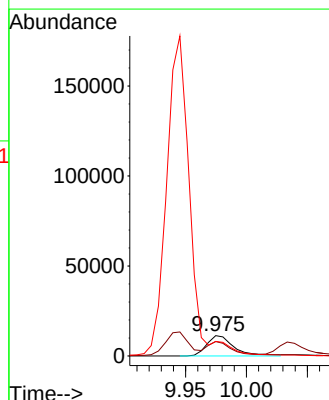
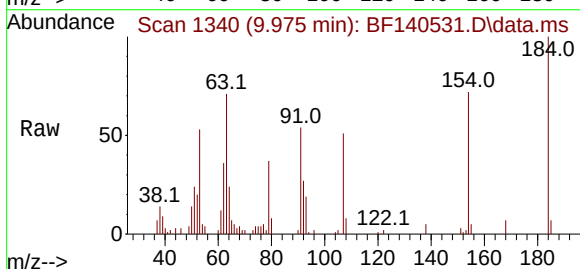
Tgt Ion:184 Resp: 17628

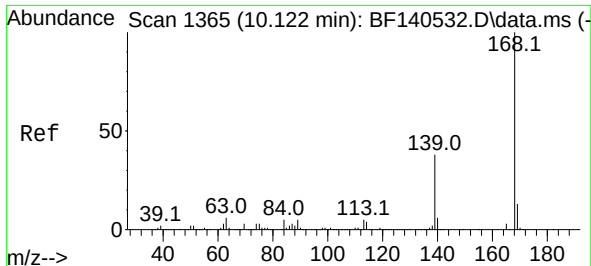
Ion Ratio Lower Upper

184 100

63 71.0 54.1 81.1

154 71.5 57.4 86.0





#55

Dibenzenofuran

Concen: 20.992 ng

RT: 10.116 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

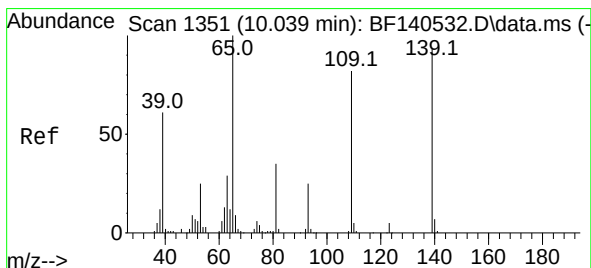
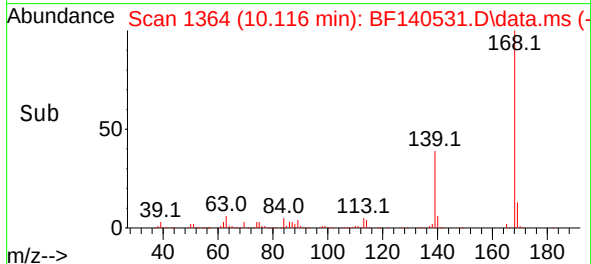
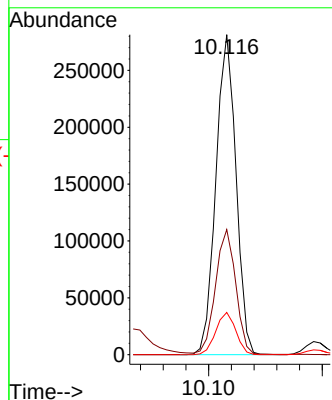
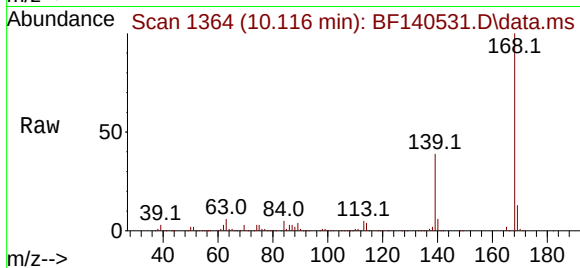
Tgt Ion:168 Resp: 345729

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 19.582 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.005 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

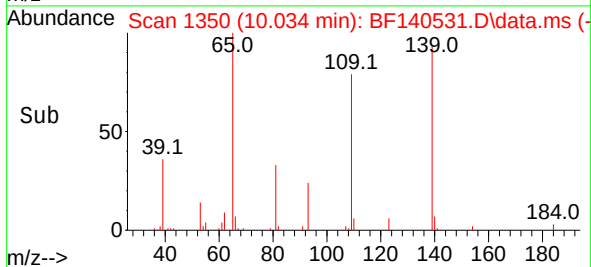
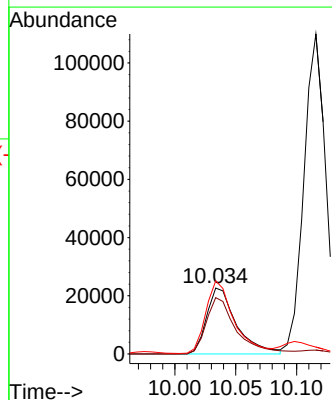
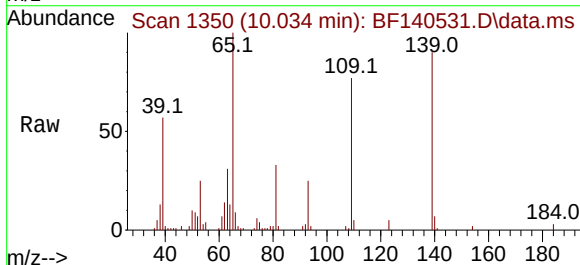
Tgt Ion:139 Resp: 38787

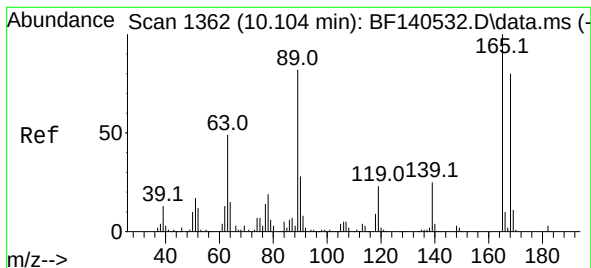
Ion Ratio Lower Upper

139 100

109 85.4 68.4 108.4

65 110.9 88.6 128.6





#57

2,4-Dinitrotoluene

Concen: 20.957 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 82706

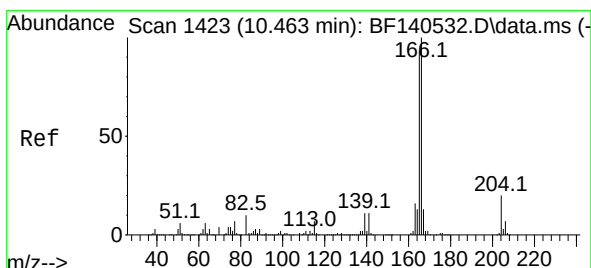
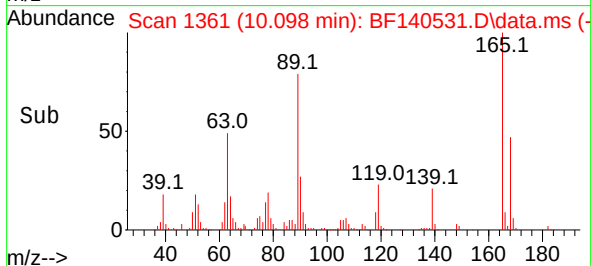
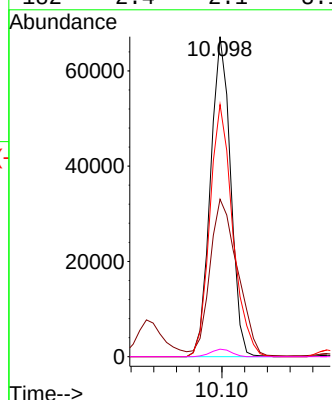
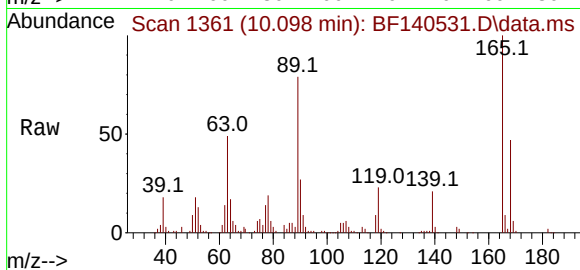
Ion Ratio Lower Upper

165 100

63 49.2 41.7 62.5

89 78.8 65.8 98.8

182 2.4 2.1 3.1



#58

Fluorene

Concen: 21.038 ng

RT: 10.457 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

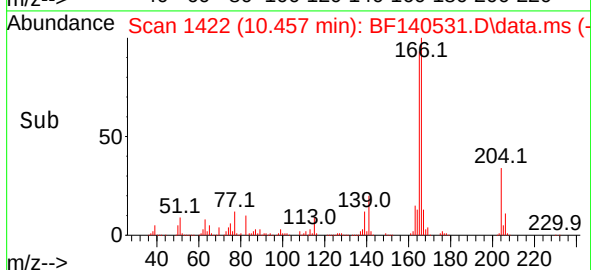
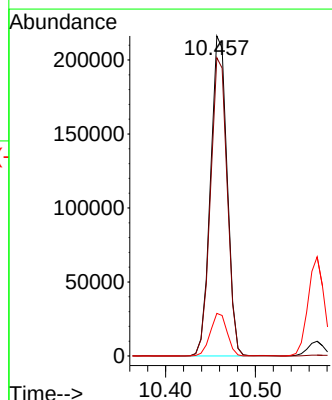
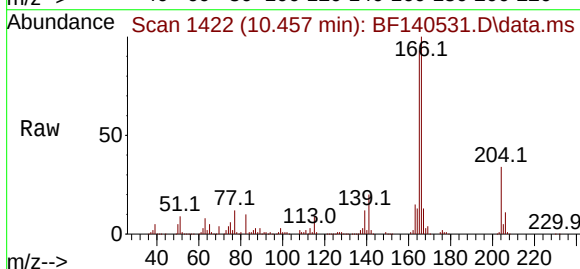
Tgt Ion:166 Resp: 278115

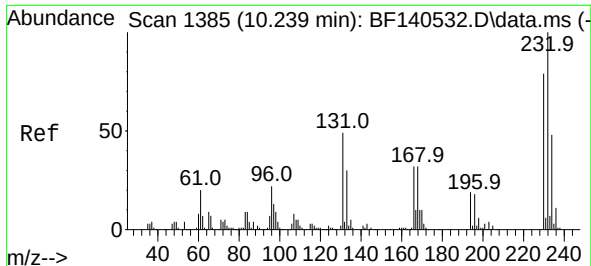
Ion Ratio Lower Upper

166 100

165 93.2 74.6 111.8

167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 20.072 ng

RT: 10.239 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 61142

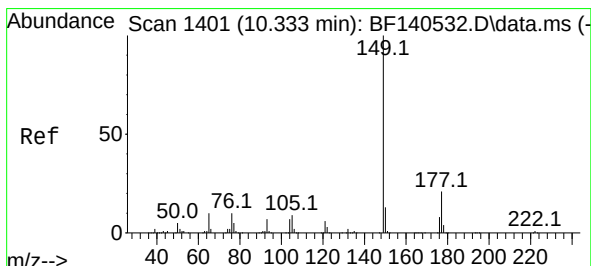
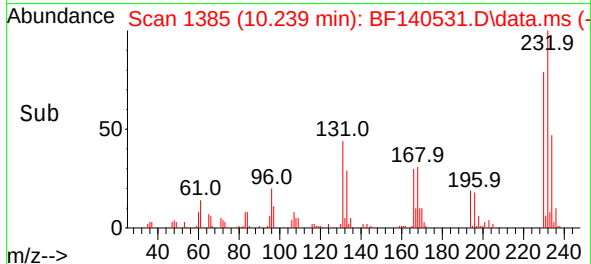
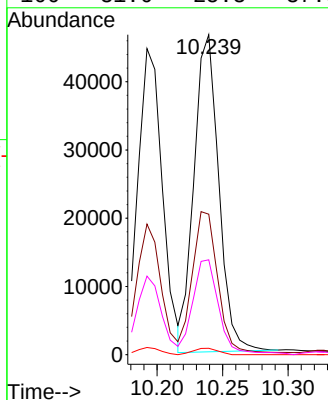
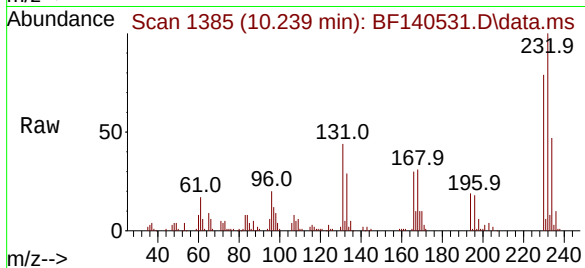
Ion Ratio Lower Upper

232 100

131 47.5 39.6 59.4

130 2.0 1.9 2.9

166 31.6 25.3 37.9



#60

Diethylphthalate

Concen: 20.812 ng

RT: 10.328 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

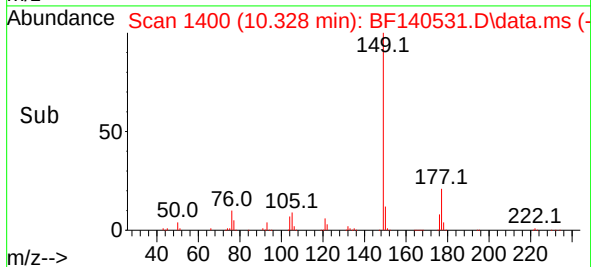
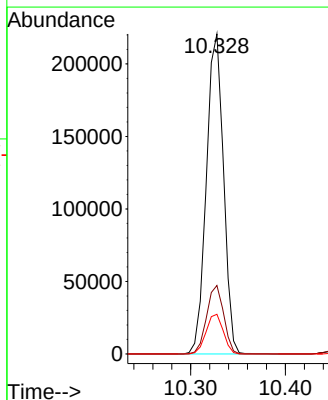
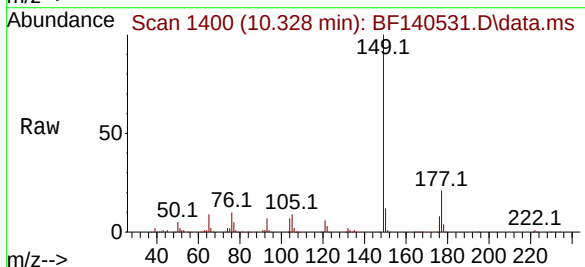
Tgt Ion:149 Resp: 276859

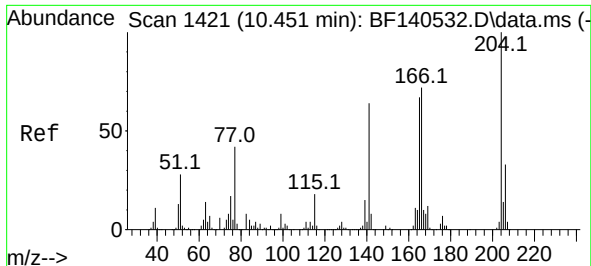
Ion Ratio Lower Upper

149 100

177 21.4 17.1 25.7

150 12.4 10.1 15.1

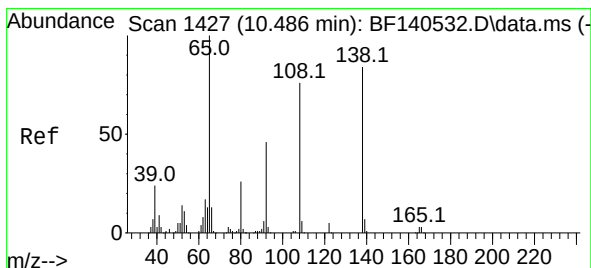
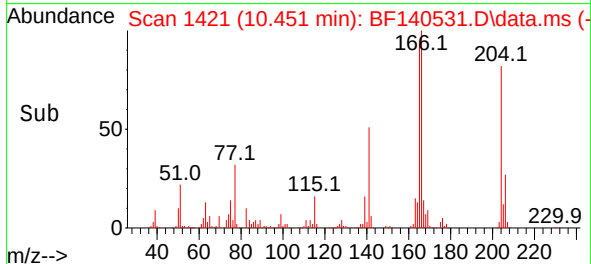
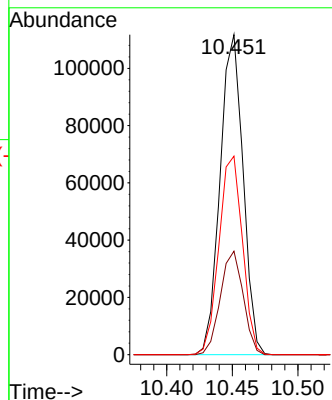
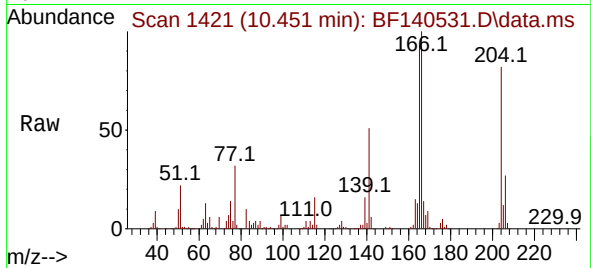




#61
4-Chlorophenyl-phenylether
Concen: 20.992 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

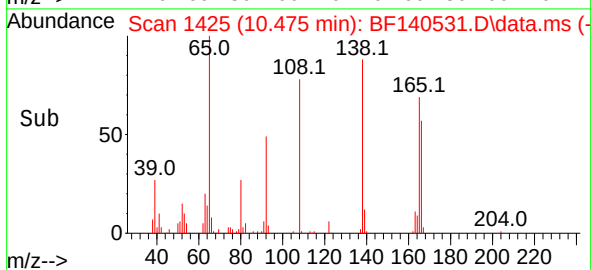
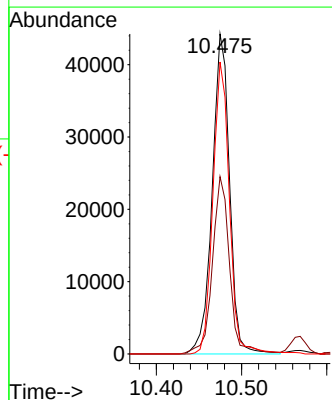
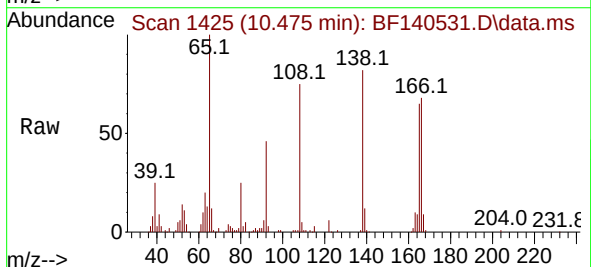
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

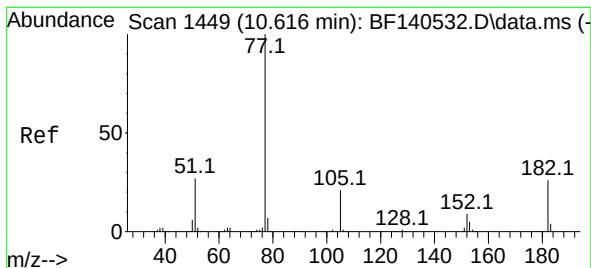
Tgt Ion:204 Resp: 136189
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.0 51.1 76.7



#62
4-Nitroaniline
Concen: 20.555 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:138 Resp: 62610
Ion Ratio Lower Upper
138 100
92 55.4 34.5 74.5
108 91.2 70.6 110.6





#63

Azobenzene

Concen: 20.833 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 262444

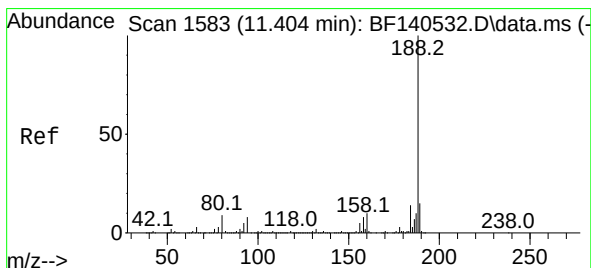
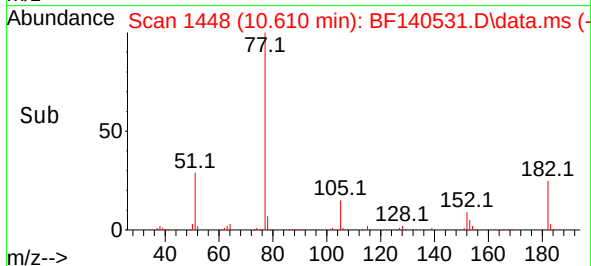
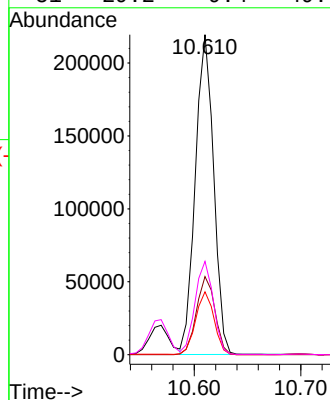
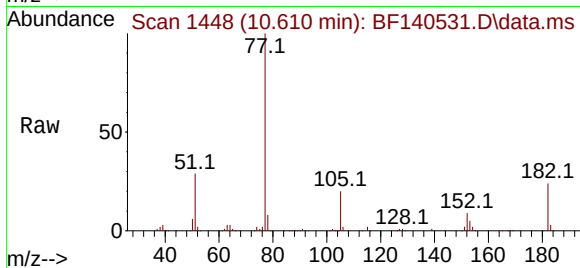
Ion Ratio Lower Upper

77 100

182 24.4 5.3 45.3

105 19.7 0.3 40.3

51 29.2 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

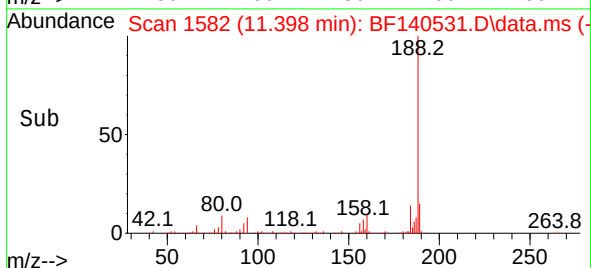
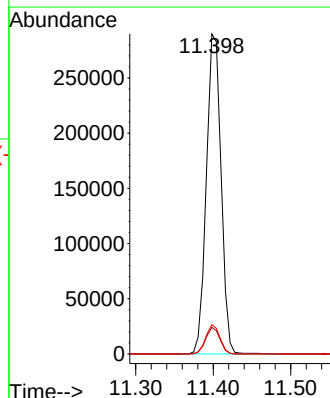
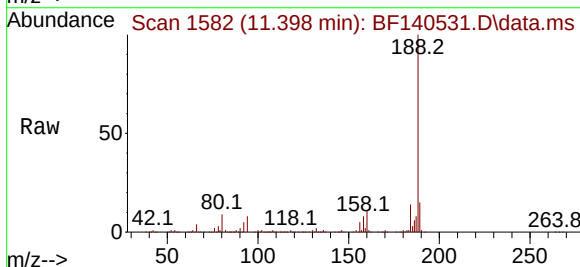
Tgt Ion:188 Resp: 382041

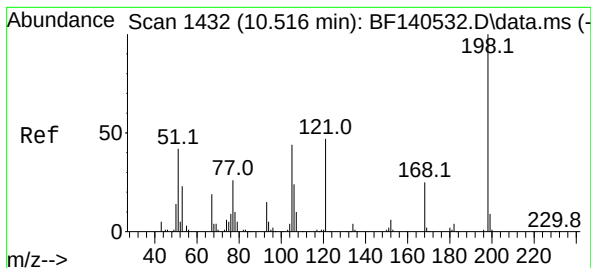
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.1 6.9 10.3

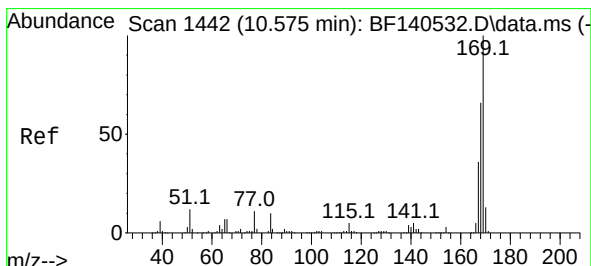
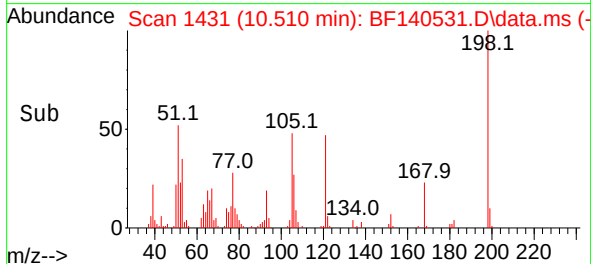
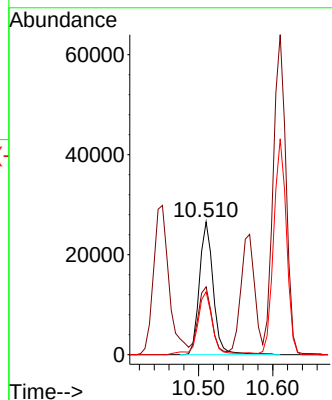
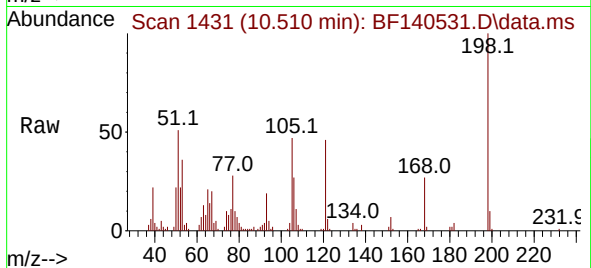




#65
4,6-Dinitro-2-methylphenol
Concen: 17.627 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

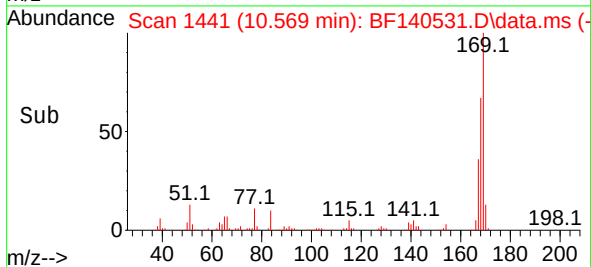
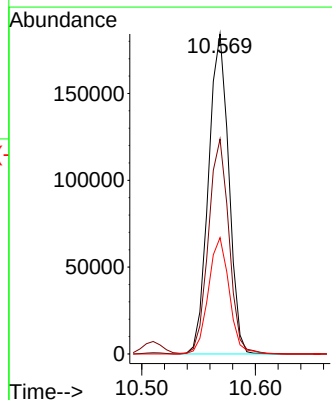
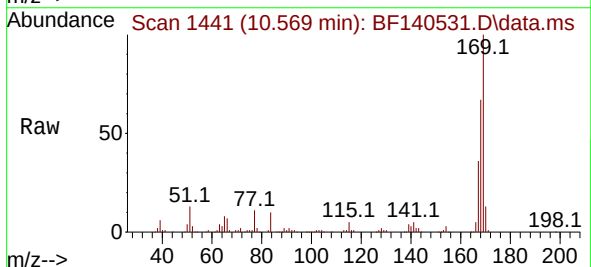
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

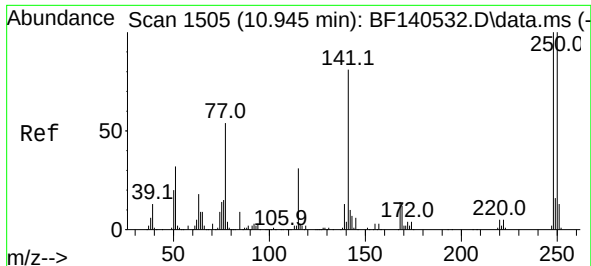
Tgt Ion:198 Resp: 34412
Ion Ratio Lower Upper
198 100
51 51.1 29.4 69.4
105 47.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 20.187 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:169 Resp: 228075
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.4 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 20.044 ng

RT: 10.939 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

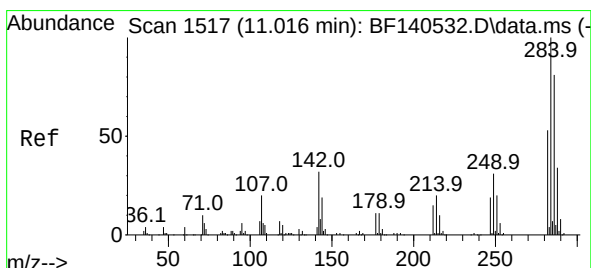
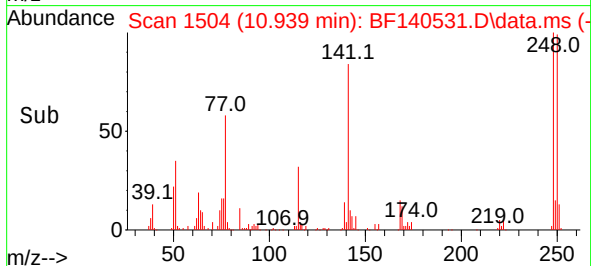
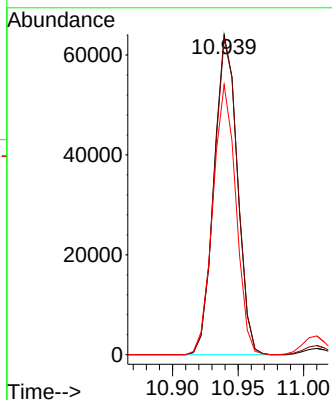
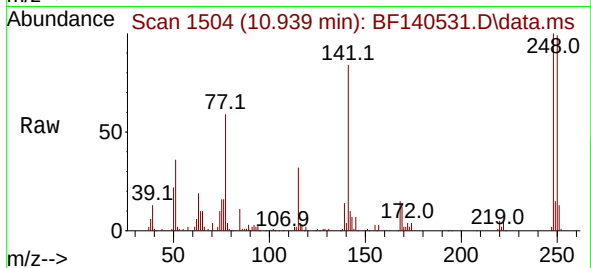
Tgt Ion:248 Resp: 78863

Ion Ratio Lower Upper

248 100

250 98.7 79.8 119.8

141 84.4 64.7 97.1



#68

Hexachlorobenzene

Concen: 20.055 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

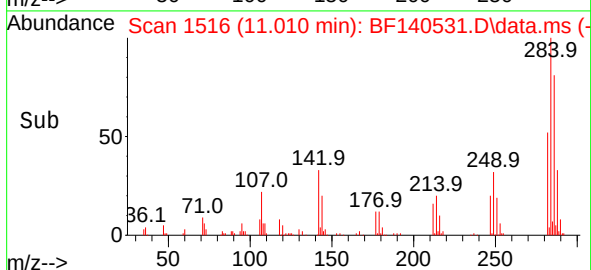
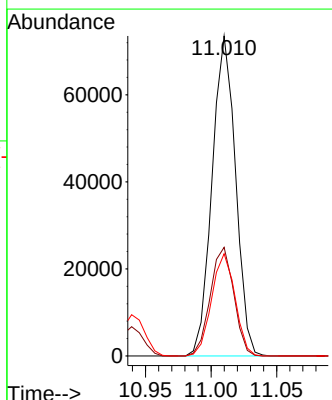
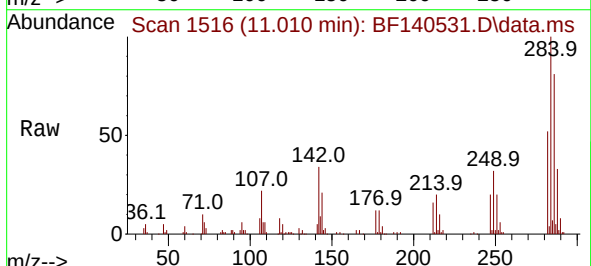
Tgt Ion:284 Resp: 91363

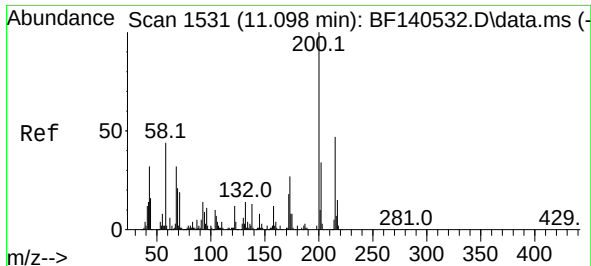
Ion Ratio Lower Upper

284 100

142 34.0 25.3 37.9

249 31.9 24.8 37.2





#69

Atrazine

Concen: 15.754 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

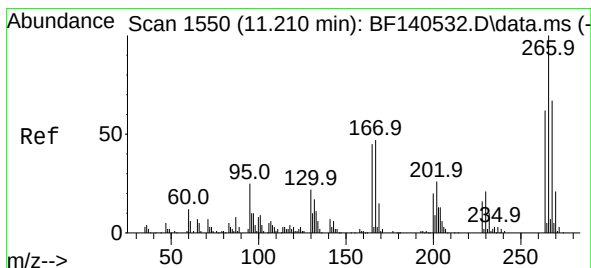
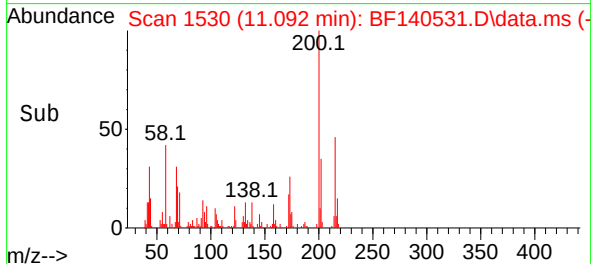
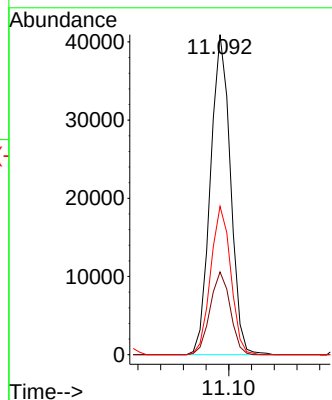
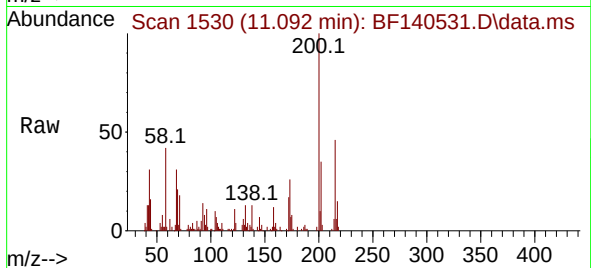
Tgt Ion:200 Resp: 50070

Ion Ratio Lower Upper

200 100

173 25.9 7.0 47.0

215 46.3 26.7 66.7



#70

Pentachlorophenol

Concen: 17.111 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

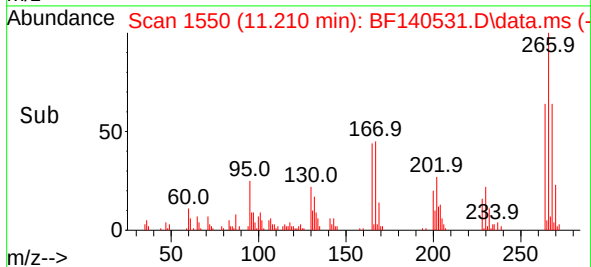
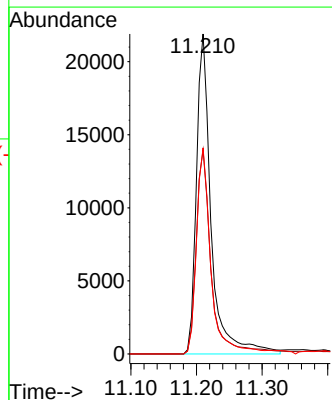
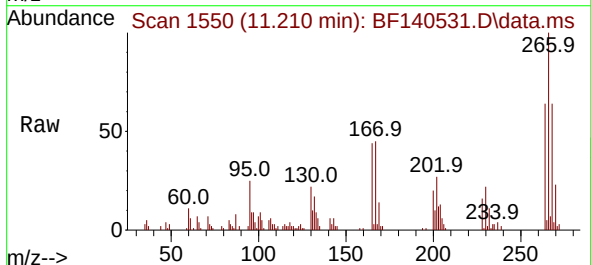
Tgt Ion:266 Resp: 34309

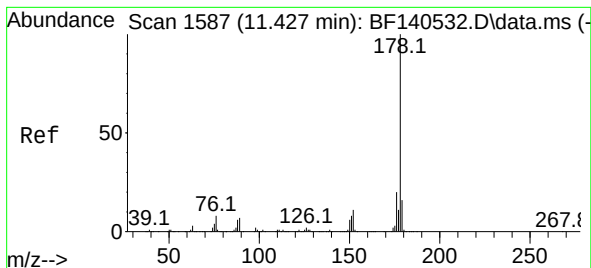
Ion Ratio Lower Upper

266 100

268 63.8 53.7 80.5

264 64.4 49.8 74.8

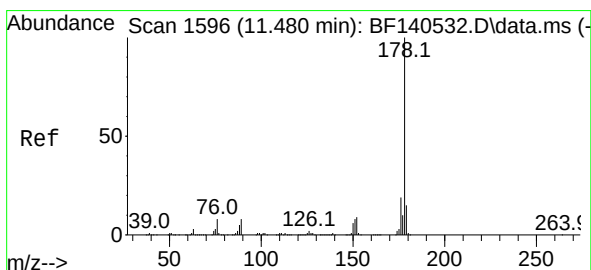
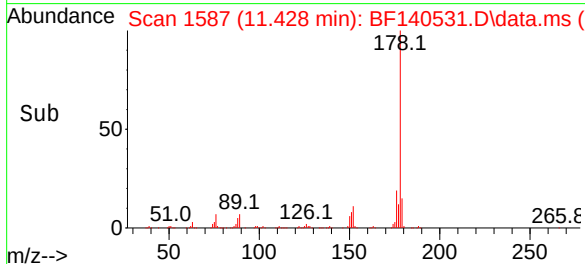
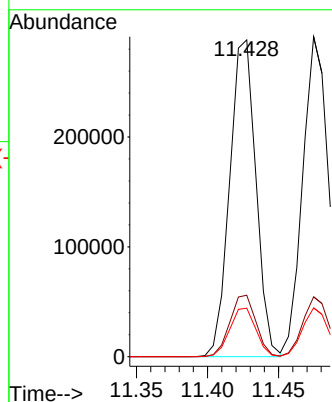
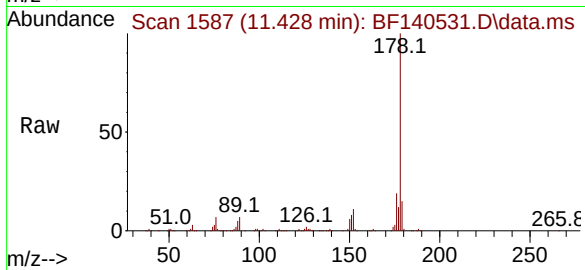




#71
Phenanthrene
Concen: 20.171 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

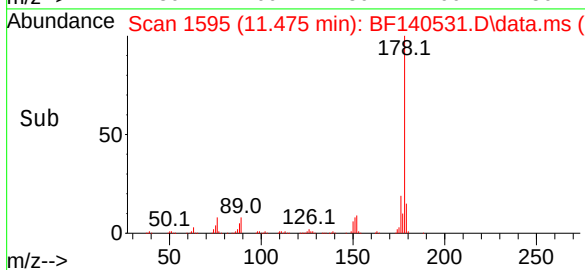
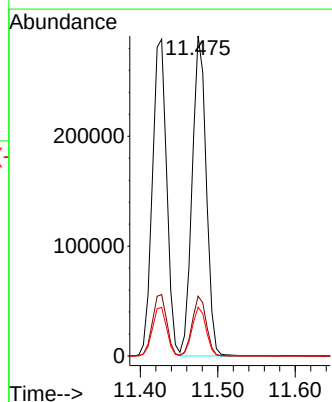
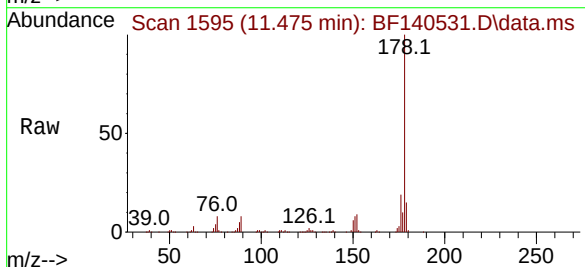
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

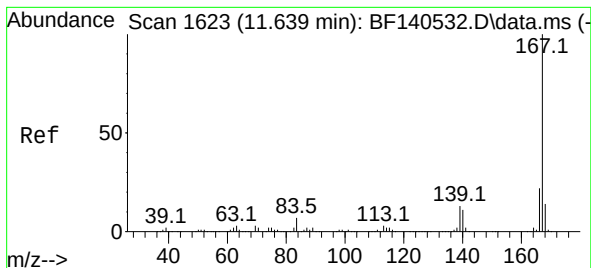
Tgt Ion:178 Resp: 370424
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.3 12.4 18.6



#72
Anthracene
Concen: 20.383 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:178 Resp: 366152
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.4





#73

Carbazole

Concen: 20.567 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

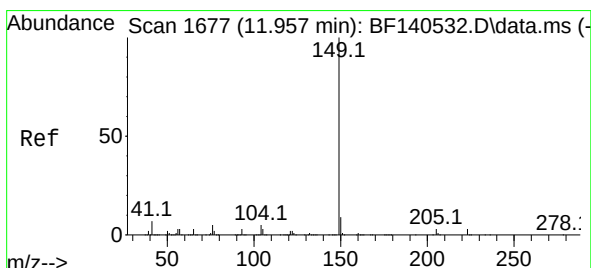
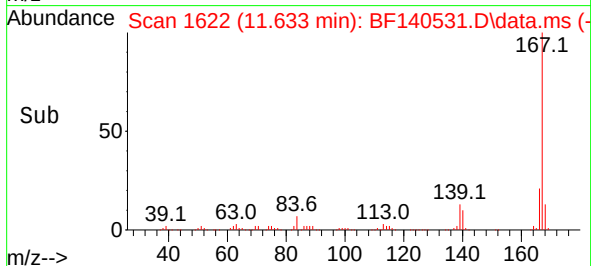
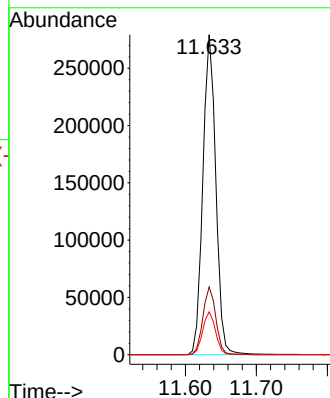
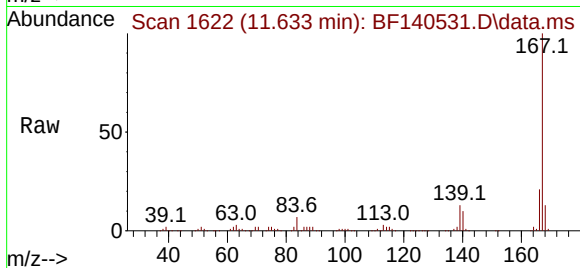
Tgt Ion:167 Resp: 355423

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 13.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 20.566 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

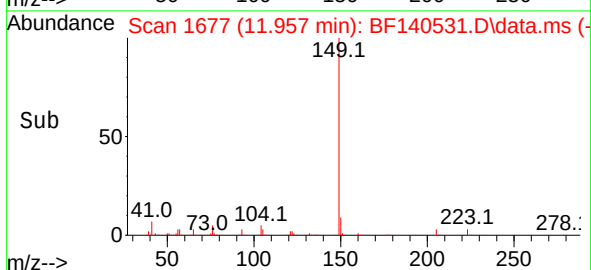
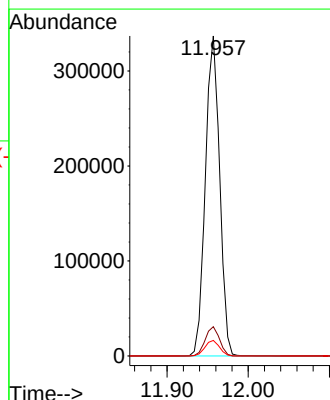
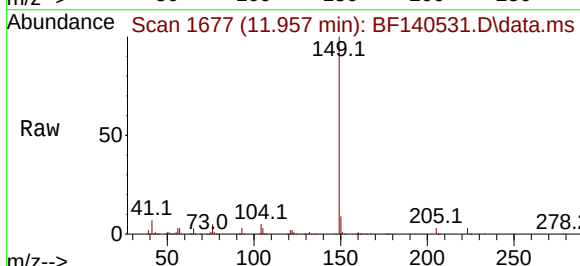
Tgt Ion:149 Resp: 410317

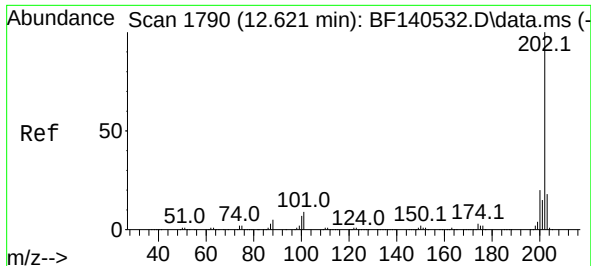
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.9 4.1 6.1

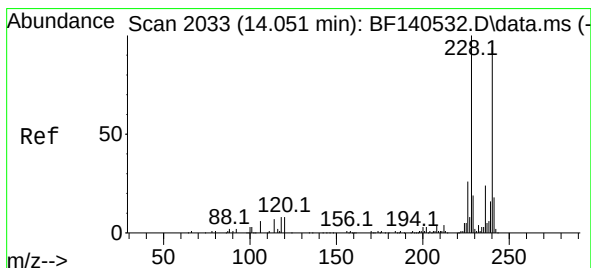
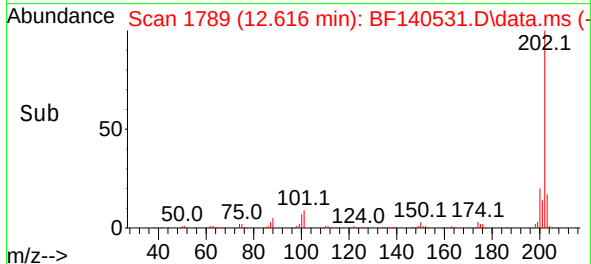
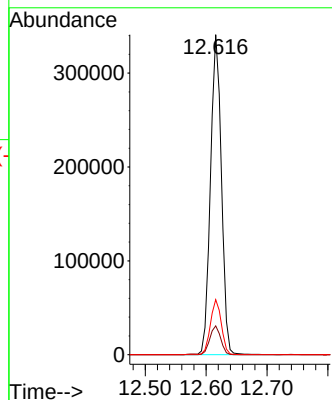
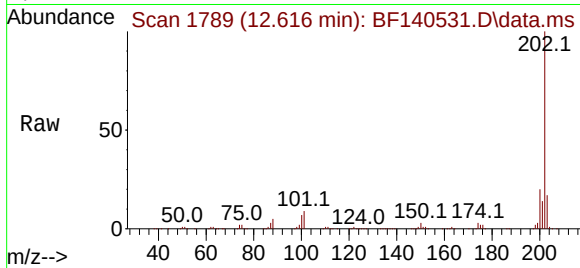




#75
Fluoranthene
Concen: 21.335 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

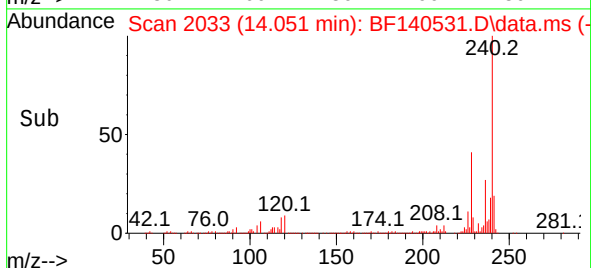
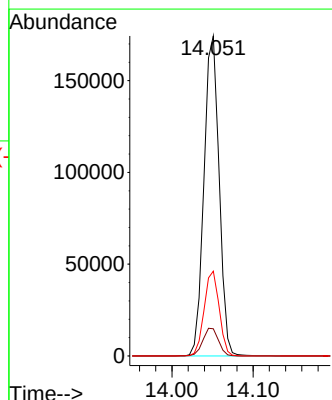
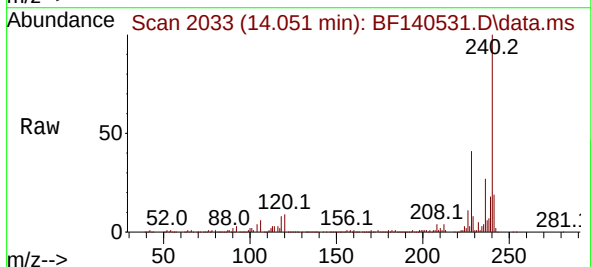
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

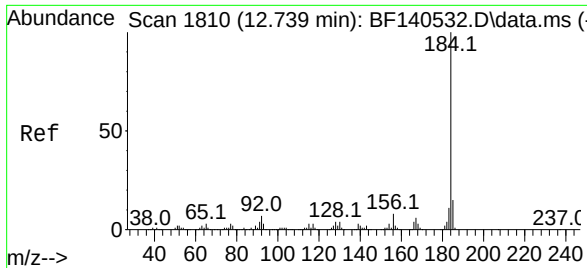
Tgt Ion:202 Resp: 425403
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:240 Resp: 225903
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 26.5 20.6 31.0

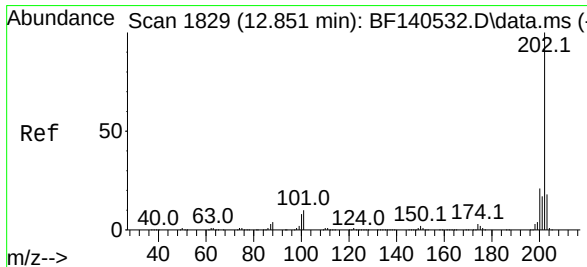
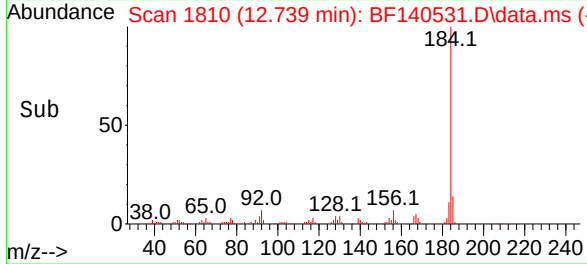
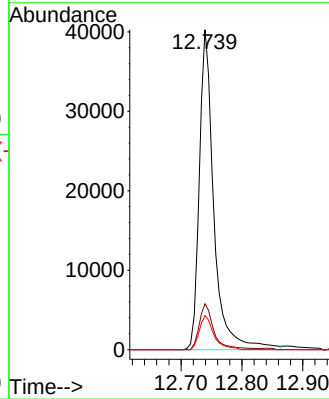
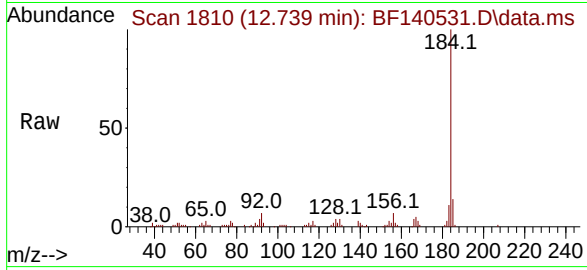




#77
Benzidine
Concen: 10.185 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

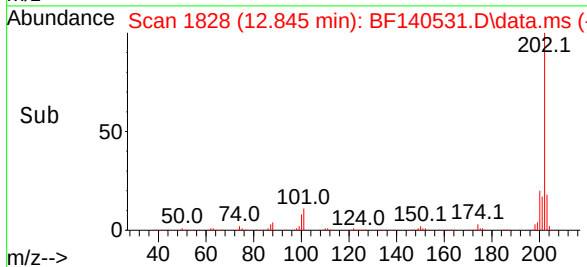
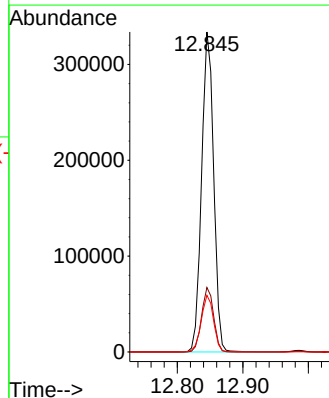
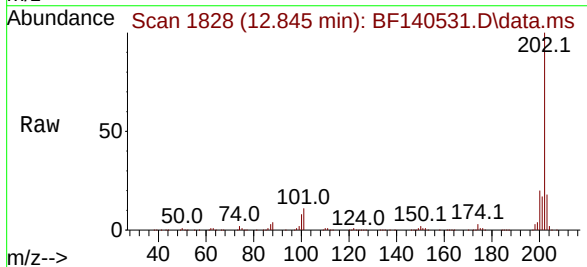
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

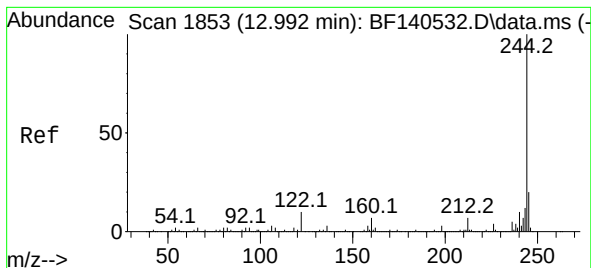
Tgt Ion:184 Resp: 66895
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.6 8.8 13.2



#78
Pyrene
Concen: 20.514 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:202 Resp: 428479
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 40.721 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

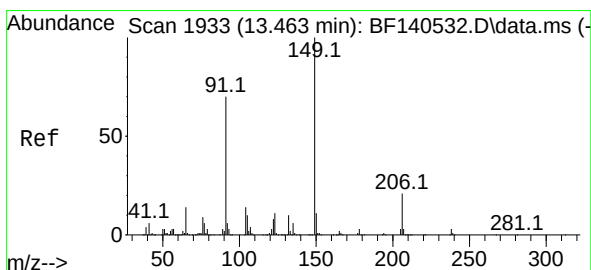
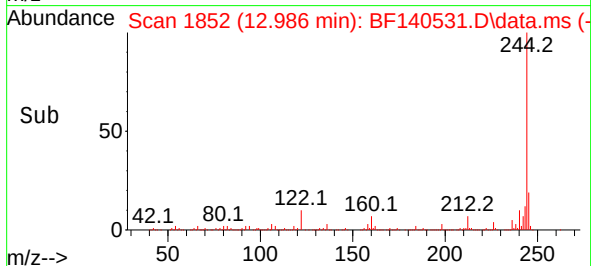
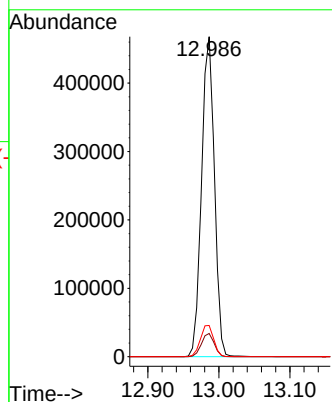
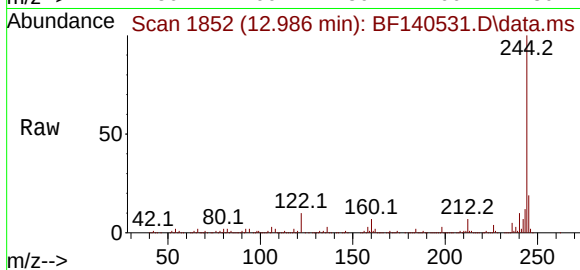
Tgt Ion:244 Resp: 590771

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.7 8.0 12.0



#80

Butylbenzylphthalate

Concen: 20.835 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

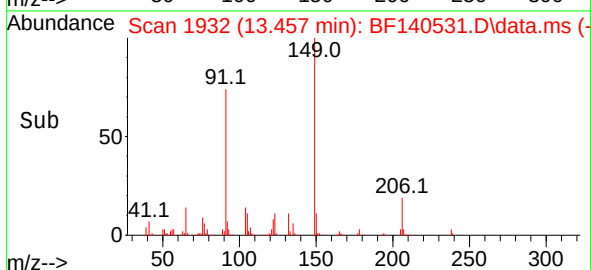
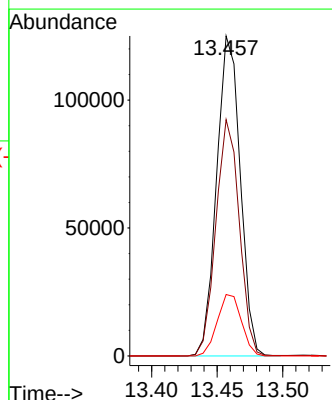
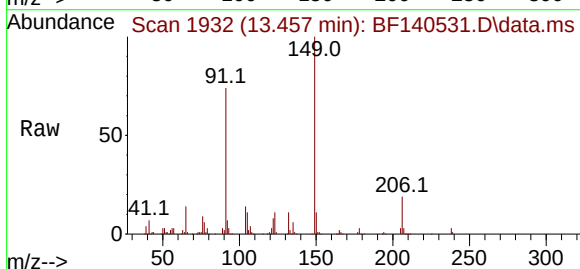
Tgt Ion:149 Resp: 156775

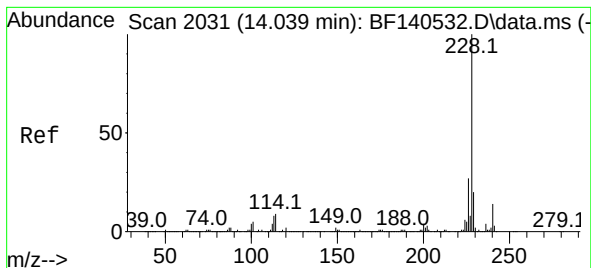
Ion Ratio Lower Upper

149 100

91 73.8 56.2 84.2

206 19.2 16.4 24.6

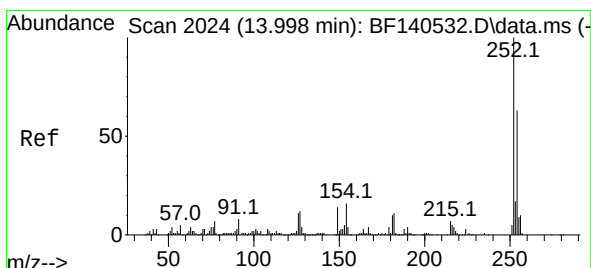
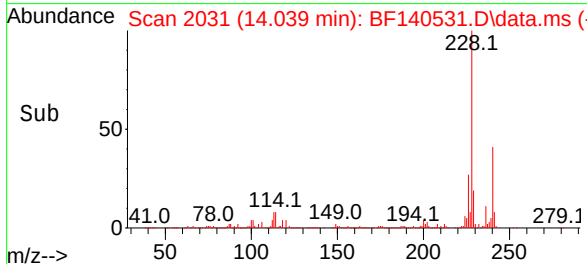
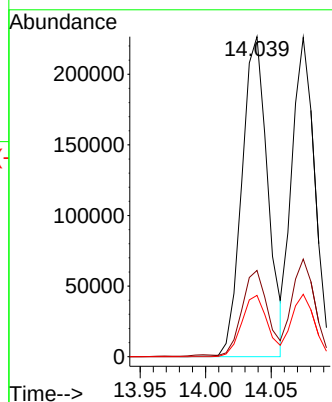
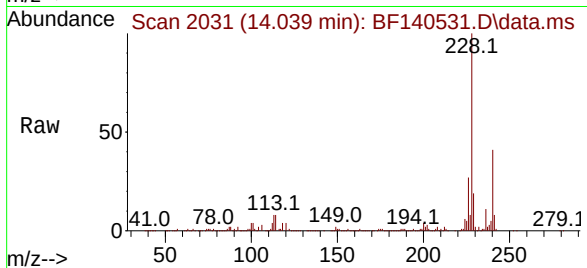




#81
Benzo(a)anthracene
Concen: 20.825 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

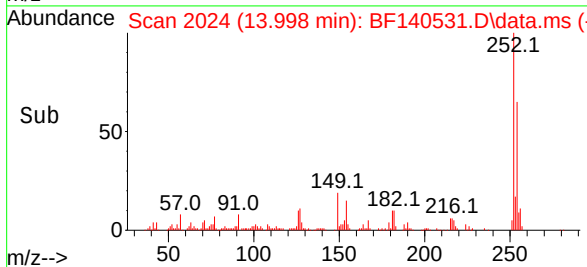
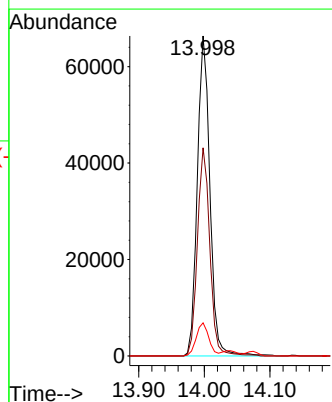
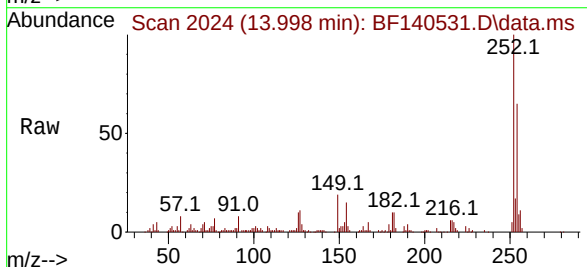
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

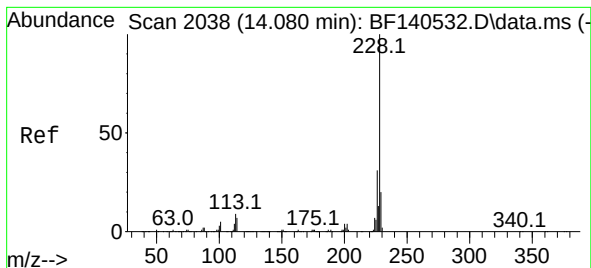
Tgt Ion:228 Resp: 311416
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.791 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:252 Resp: 88858
Ion Ratio Lower Upper
252 100
254 65.0 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 20.117 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

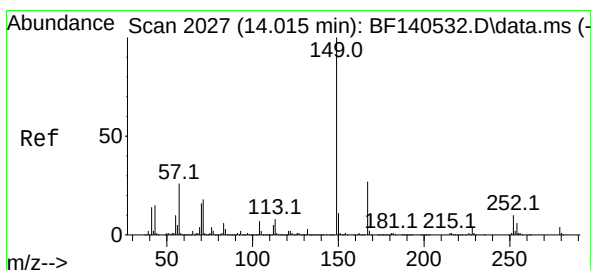
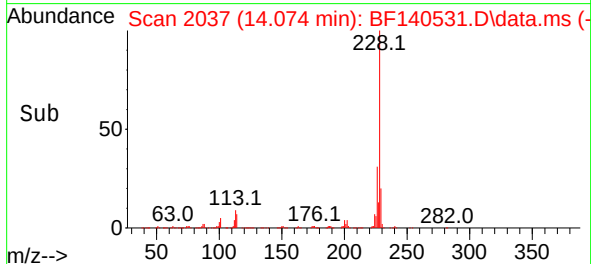
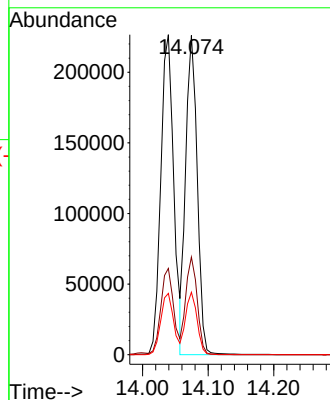
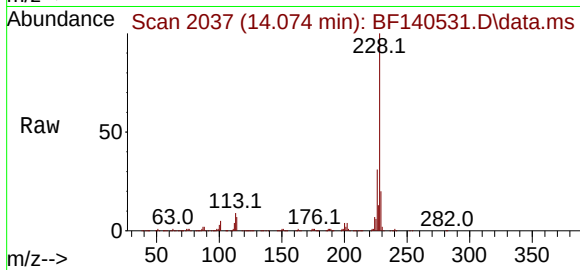
Tgt Ion:228 Resp: 275068

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.484 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

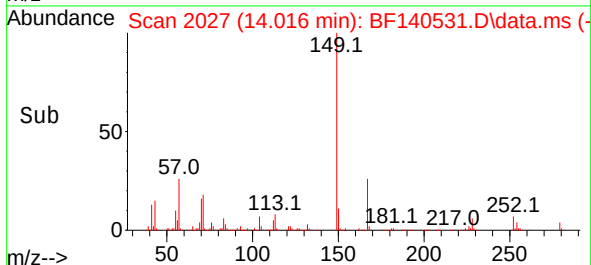
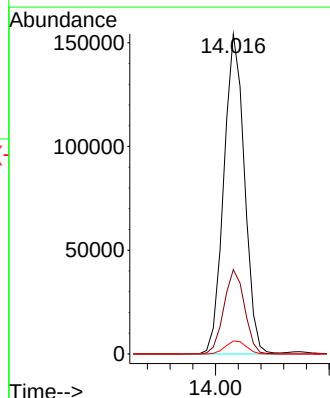
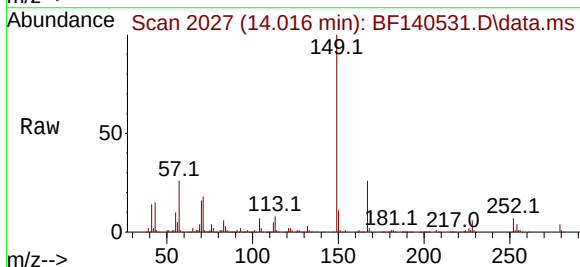
Tgt Ion:149 Resp: 194626

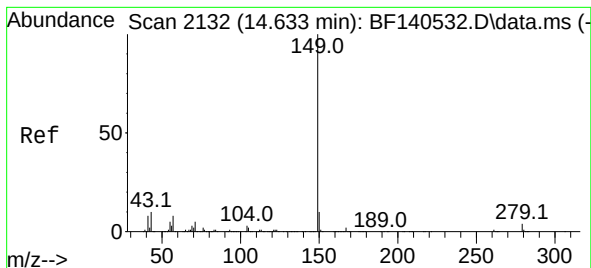
Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 19.953 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

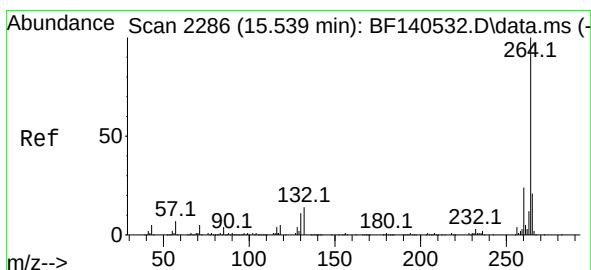
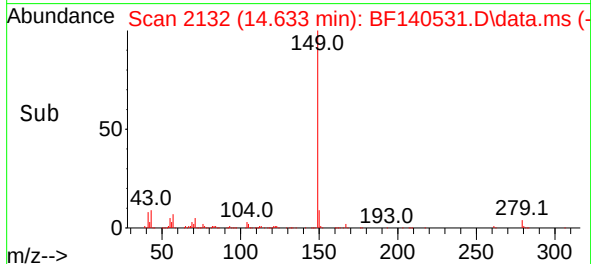
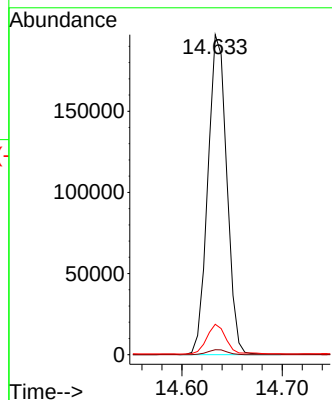
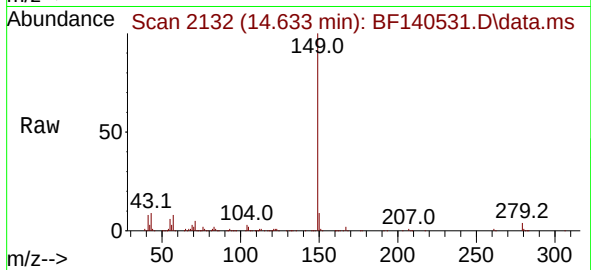
Tgt Ion:149 Resp: 259088

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

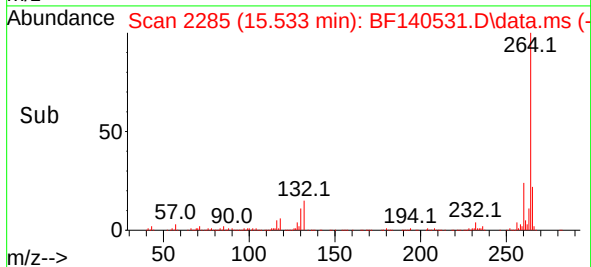
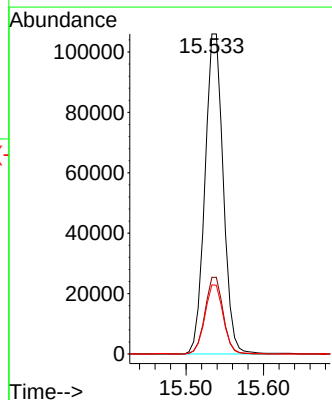
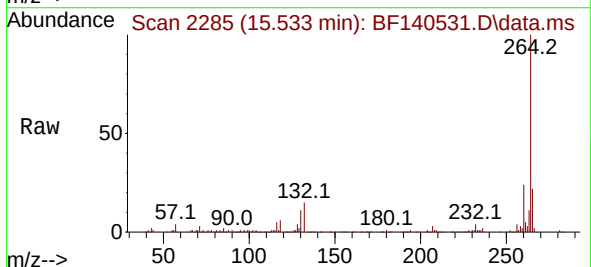
Tgt Ion:264 Resp: 173612

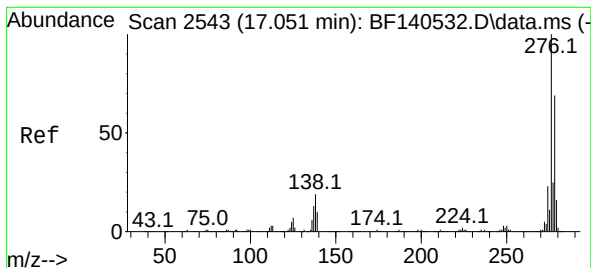
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.930 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

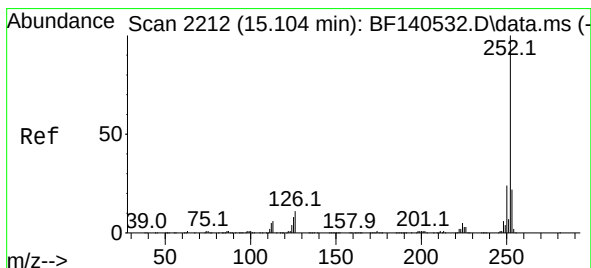
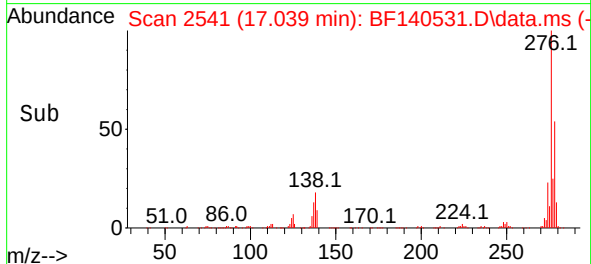
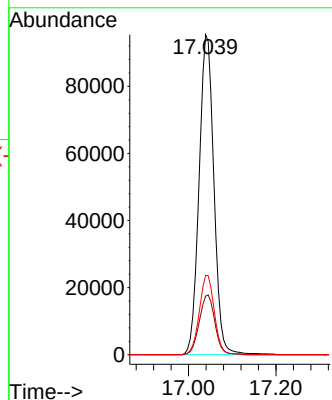
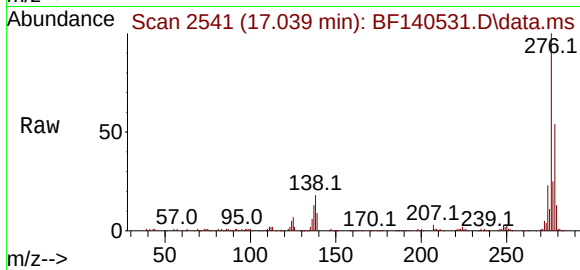
Tgt Ion:276 Resp: 225489

Ion Ratio Lower Upper

276 100

138 19.6 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 21.977 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

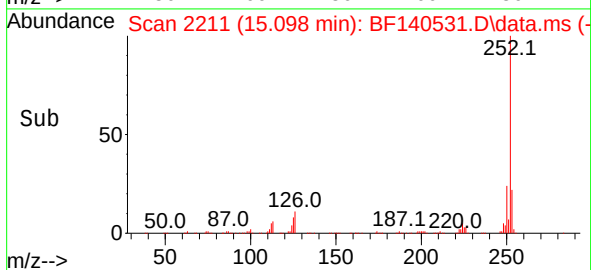
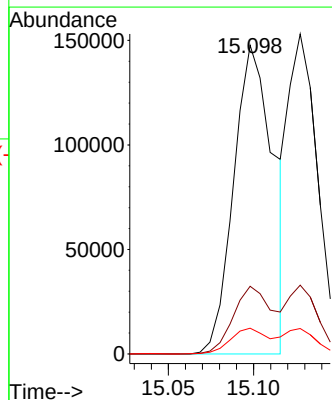
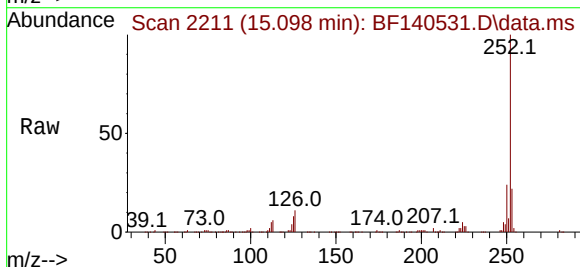
Tgt Ion:252 Resp: 239653

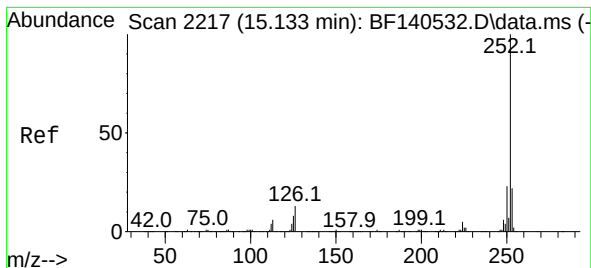
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 19.261 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

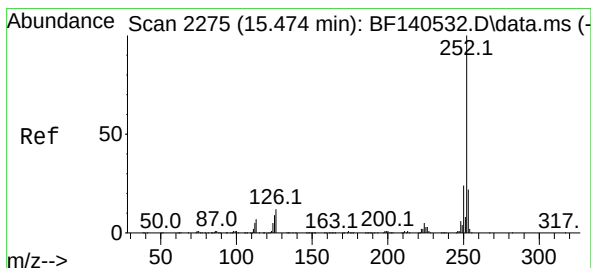
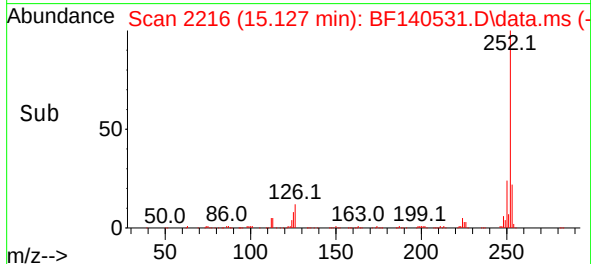
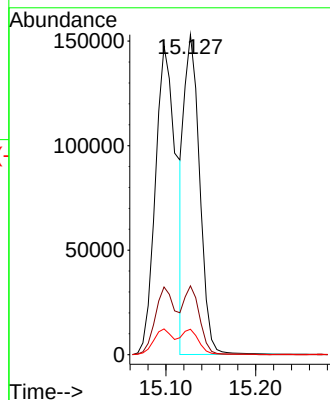
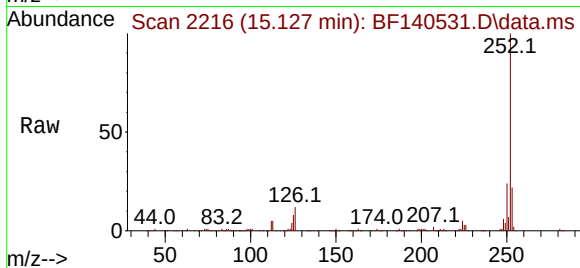
Tgt Ion:252 Resp: 183799

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.0 6.5 9.7



#90

Benzo(a)pyrene

Concen: 20.812 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

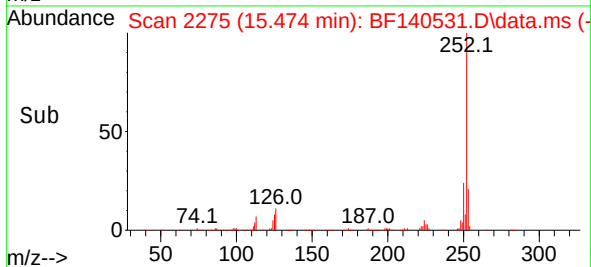
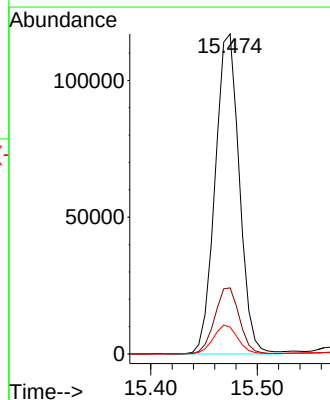
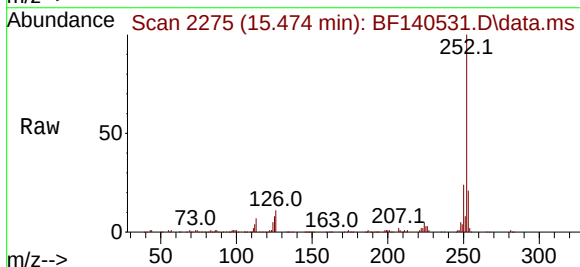
Tgt Ion:252 Resp: 184528

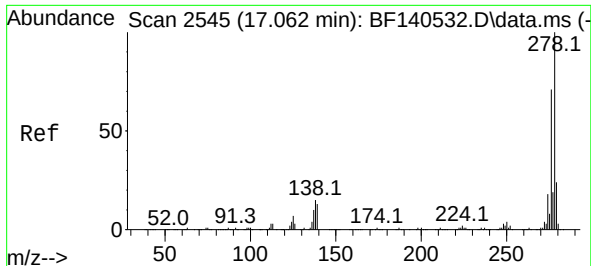
Ion Ratio Lower Upper

252 100

253 20.7 17.3 25.9

125 8.4 7.0 10.6

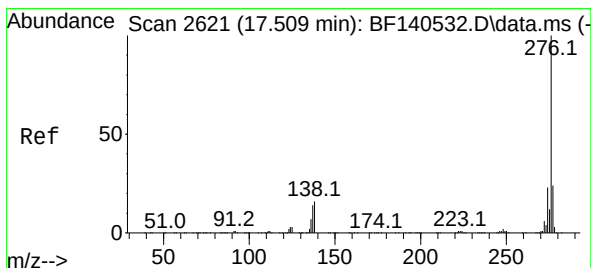
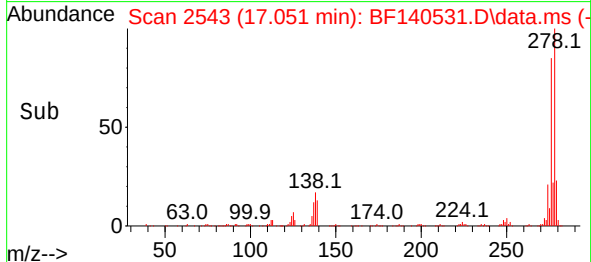
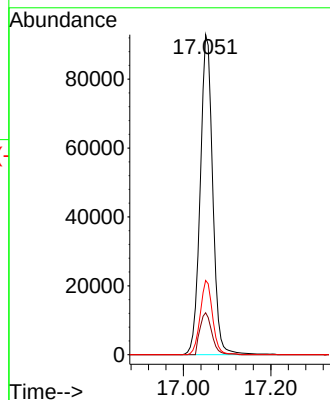
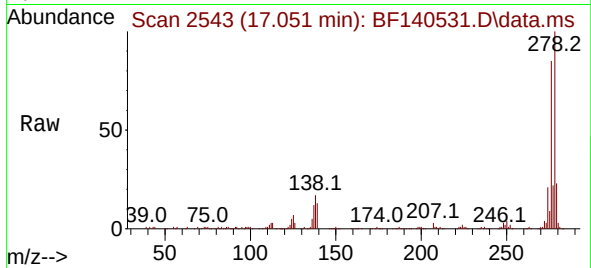




#91
Dibenzo(a,h)anthracene
Concen: 19.926 ng
RT: 17.051 min Scan# 2543
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

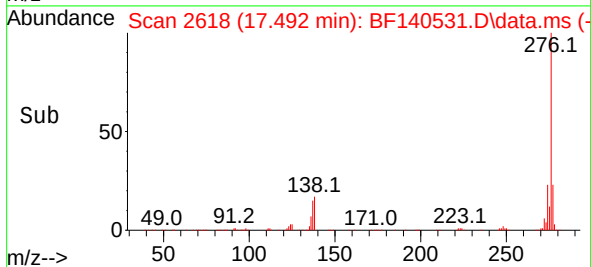
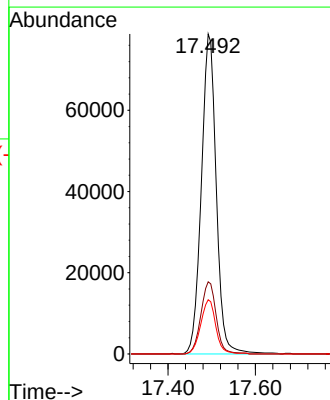
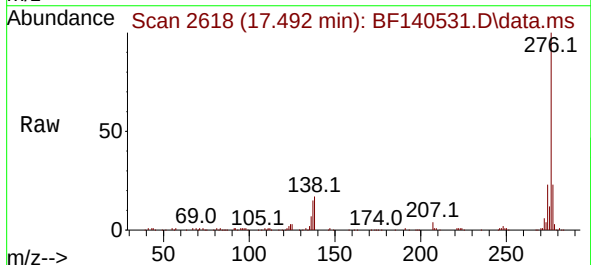
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 184632
Ion Ratio Lower Upper
278 100
139 13.1 10.2 15.4
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 19.795 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:276 Resp: 187164
Ion Ratio Lower Upper
276 100
277 22.5 18.9 28.3
138 17.0 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140532.D
 Acq On : 21 Nov 2024 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 21 15:12:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	107516	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	413408	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	234407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	437466	20.000	ng	0.00
76) Chrysene-d12	14.051	240	239343	20.000	ng	0.00
86) Perylene-d12	15.539	264	211422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	504816	80.111	ng	0.00
7) Phenol-d6	6.516	99	688812	82.684	ng	0.00
23) Nitrobenzene-d5	7.439	82	648845	80.281	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	202517	80.781	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1210929	76.969	ng	0.00
79) Terphenyl-d14	12.992	244	1228064	79.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	105183	39.700	ng	100
3) Pyridine	3.422	79	256255	43.959	ng	100
4) n-Nitrosodimethylamine	3.381	42	139435	40.698	ng	100
6) Aniline	6.540	93	268994	45.875	ng	100
8) 2-Chlorophenol	6.663	128	275937	40.702	ng	100
9) Benzaldehyde	6.428	77	158653	35.975	ng	100
10) Phenol	6.528	94	358490	42.137	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	267847	41.142	ng	100
12) 1,3-Dichlorobenzene	6.816	146	300744	39.480	ng	100
13) 1,4-Dichlorobenzene	6.892	146	307112	39.817	ng	100
14) 1,2-Dichlorobenzene	7.045	146	291347	40.311	ng	100
15) Benzyl Alcohol	7.016	79	263144	42.594	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314582	40.901	ng	100
17) 2-Methylphenol	7.134	107	223977	41.272	ng	100
18) Hexachloroethane	7.387	117	115481	40.087	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	203356	41.304	ng	100
20) 3+4-Methylphenols	7.287	107	289597	41.517	ng	100
22) Acetophenone	7.287	105	397747	39.464	ng	100
24) Nitrobenzene	7.457	77	331927	39.736	ng	100
25) Isophorone	7.698	82	546985	40.576	ng	100
26) 2-Nitrophenol	7.775	139	149133	40.287	ng	100
27) 2,4-Dimethylphenol	7.810	122	185514	41.885	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	328053	39.946	ng	100
29) 2,4-Dichlorophenol	8.016	162	233140	39.725	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	261862	39.078	ng	100
31) Naphthalene	8.181	128	837233	39.318	ng	100
32) Benzoic acid	7.939	122	146245	39.450	ng	100
33) 4-Chloroaniline	8.228	127	268662	42.139	ng	100
34) Hexachlorobutadiene	8.292	225	175198	39.473	ng	100
35) Caprolactam	8.604	113	74771	41.168	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	270395	41.150	ng	100
37) 2-Methylnaphthalene	8.869	142	537039	39.707	ng	100
38) 1-Methylnaphthalene	8.969	142	527387	39.781	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	263939	38.462	ng	100
41) Hexachlorocyclopentadiene	9.016	237	53531	38.833	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	171374	39.799	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140532.D
 Acq On : 21 Nov 2024 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

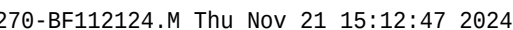
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

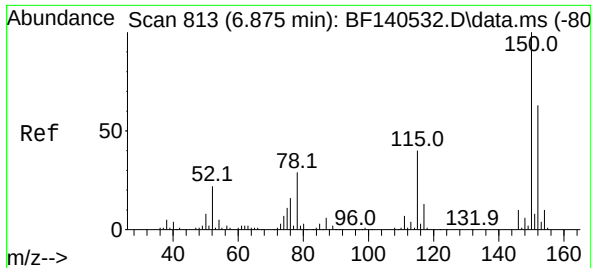
Quant Time: Nov 21 15:12:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	189287	40.504	ng	100
46) 1,1'-Biphenyl	9.333	154	678172	38.750	ng	100
47) 2-Chloronaphthalene	9.357	162	518320	39.086	ng	100
48) 2-Nitroaniline	9.457	65	172005	40.410	ng	100
49) Acenaphthylene	9.775	152	779390	38.899	ng	100
50) Dimethylphthalate	9.633	163	608948	39.445	ng	100
51) 2,6-Dinitrotoluene	9.698	165	140922	40.249	ng	100
52) Acenaphthene	9.945	154	540316	41.646	ng	100
53) 3-Nitroaniline	9.869	138	140859	41.134	ng	100
54) 2,4-Dinitrophenol	9.980	184	65546	40.435	ng	100
55) Dibenzofuran	10.122	168	760308	39.153	ng	100
56) 4-Nitrophenol	10.039	139	97133	41.591	ng	100
57) 2,4-Dinitrotoluene	10.104	165	189213	40.662	ng	100
58) Fluorene	10.463	166	607198	38.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	146383	40.757	ng	100
60) Diethylphthalate	10.333	149	614490	39.176	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	299662	39.175	ng	100
62) 4-Nitroaniline	10.486	138	146354	40.750	ng	100
63) Azobenzene	10.616	77	579042	38.983	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	96120	42.998	ng	100
66) n-Nitrosodiphenylamine	10.575	169	505450	39.070	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	174746	38.787	ng	100
68) Hexachlorobenzene	11.016	284	204123	39.129	ng	100
69) Atrazine	11.098	200	122413	33.635	ng	100
70) Pentachlorophenol	11.210	266	101542	44.226	ng	100
71) Phenanthrene	11.427	178	826269	39.293	ng	100
72) Anthracene	11.480	178	808988	39.329	ng	100
73) Carbazole	11.639	167	778112	39.322	ng	100
74) Di-n-butylphthalate	11.957	149	895236	39.186	ng	100
75) Fluoranthene	12.621	202	886900	38.845	ng	100
77) Benzidine	12.739	184	275047	39.525	ng	100
78) Pyrene	12.851	202	887193	40.090	ng	100
80) Butylbenzylphthalate	13.463	149	324879	40.751	ng	100
81) Benzo(a)anthracene	14.039	228	615808	38.868	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	197667	41.554	ng	100
83) Chrysene	14.080	228	575079	39.696	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	398677	39.604	ng	100
85) Di-n-octyl phthalate	14.633	149	541933	39.393	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	551596	40.034	ng	100
88) Benzo(b)fluoranthene	15.104	252	501607	37.772	ng	100
89) Benzo(k)fluoranthene	15.133	252	465620	40.067	ng	100
90) Benzo(a)pyrene	15.474	252	425894	39.444	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	451597	40.022	ng	100
92) Benzo(g,h,i)perylene	17.509	276	458972	39.861	ng	100

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

Quant Time: Nov 21 15:12:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:50:10 2024
Response via : Initial Calibration

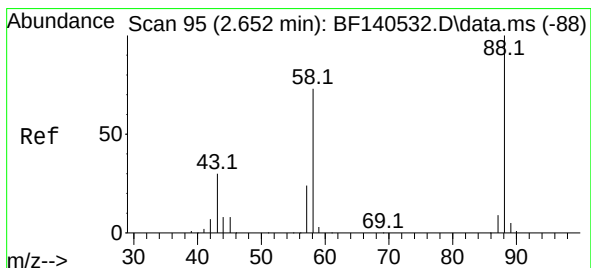
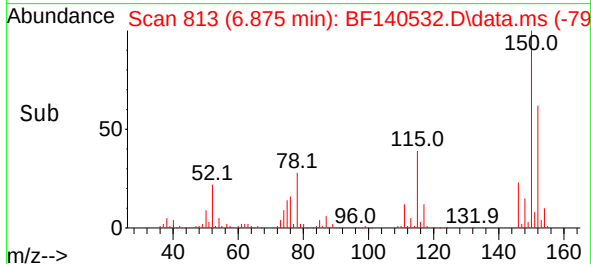
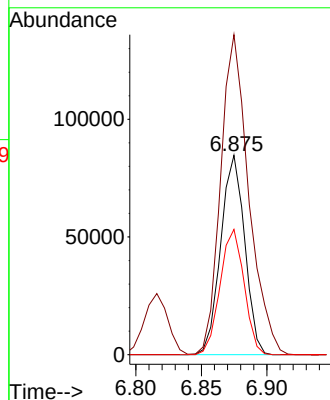
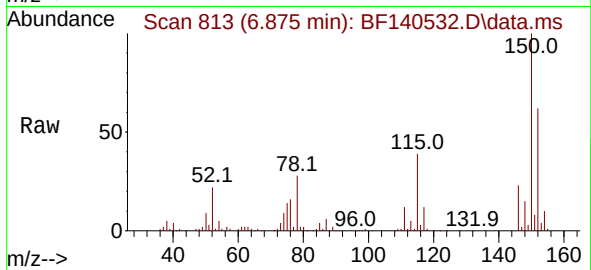




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

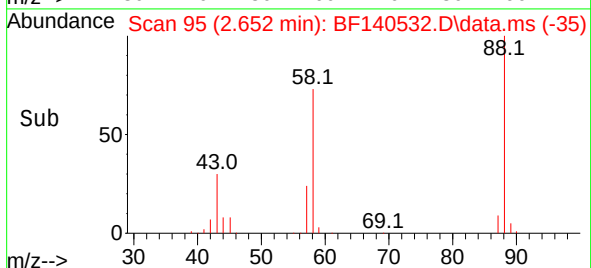
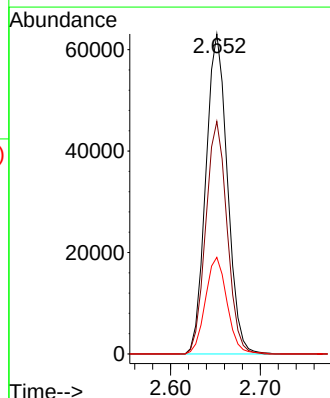
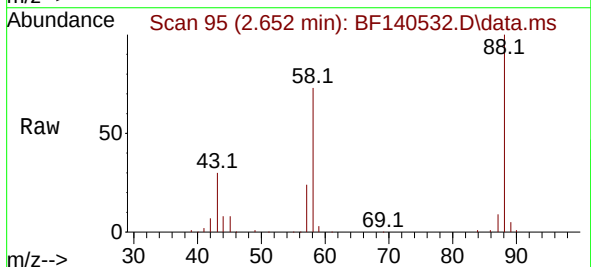
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

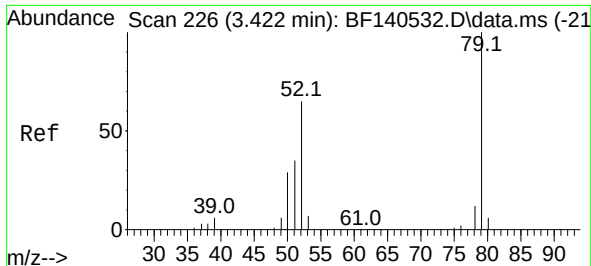
Tgt Ion:152 Resp: 107516
Ion Ratio Lower Upper
152 100
150 160.6 128.5 192.7
115 62.8 50.2 75.4



#2
1,4-Dioxane
Concen: 39.700 ng
RT: 2.652 min Scan# 95
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 88 Resp: 105183
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 30.4 24.3 36.5





#3

Pyridine

Concen: 43.959 ng

RT: 3.422 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

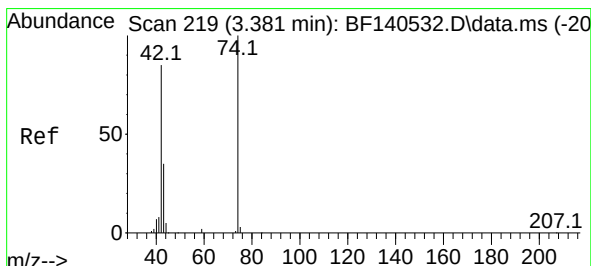
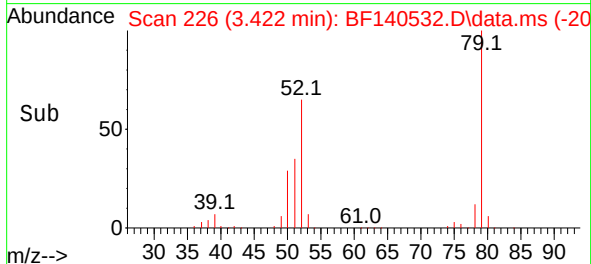
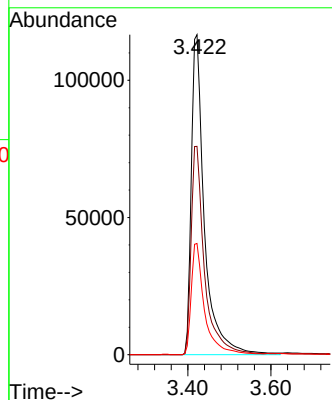
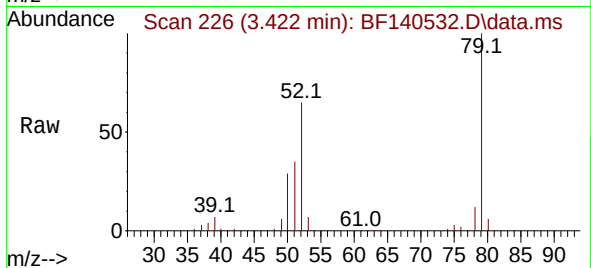
Tgt Ion: 79 Resp: 256255

Ion Ratio Lower Upper

79 100

52 65.1 52.1 78.1

51 34.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 40.698 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

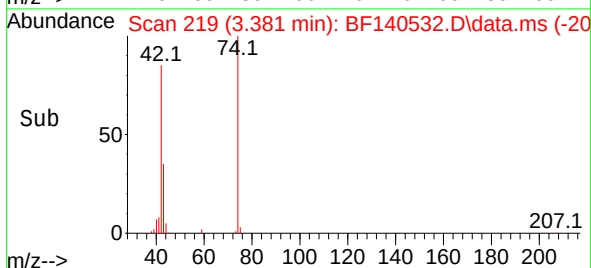
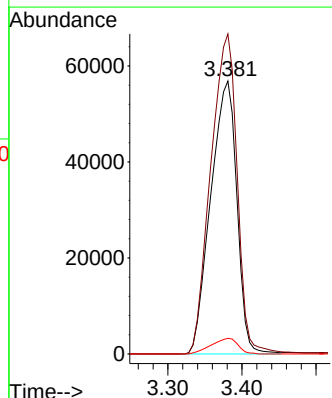
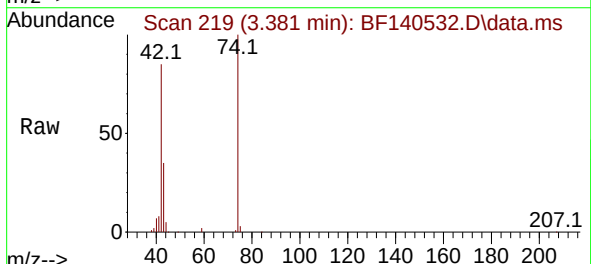
Tgt Ion: 42 Resp: 139435

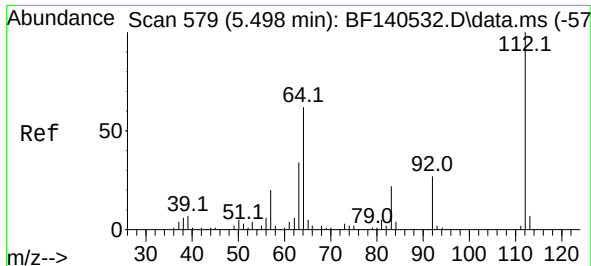
Ion Ratio Lower Upper

42 100

74 117.2 93.8 140.6

44 5.7 4.6 6.8

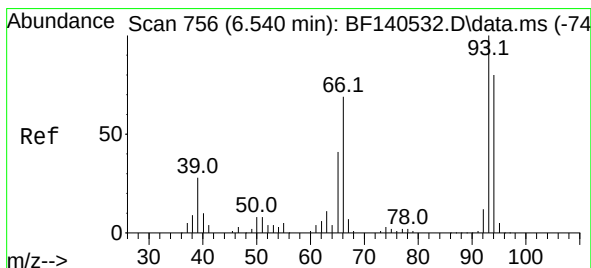
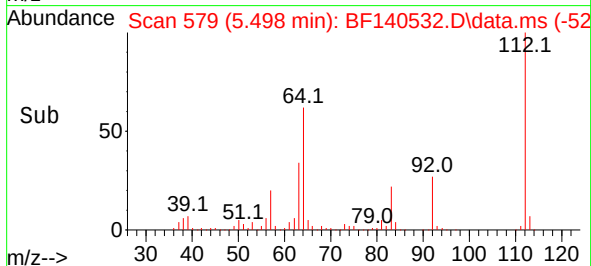
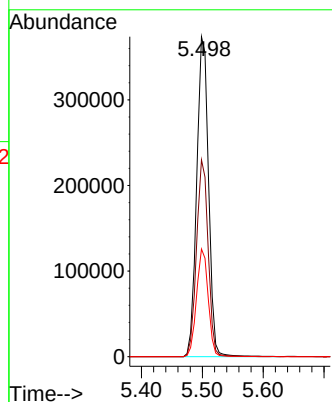
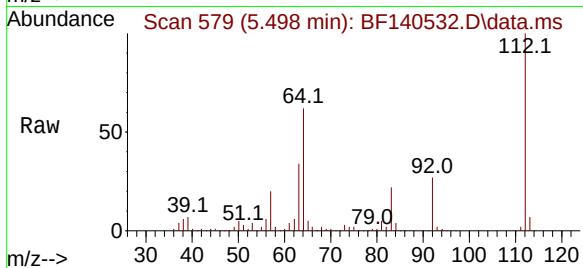




#5
2-Fluorophenol
Concen: 80.111 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

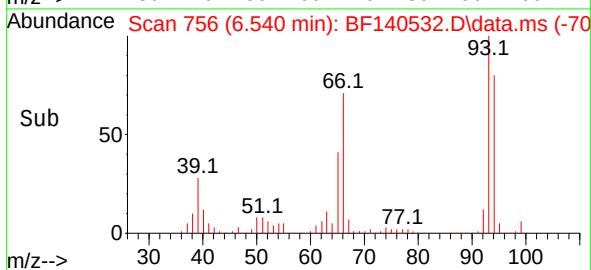
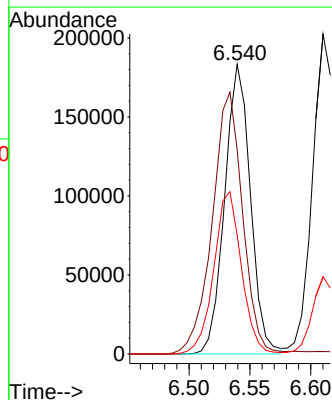
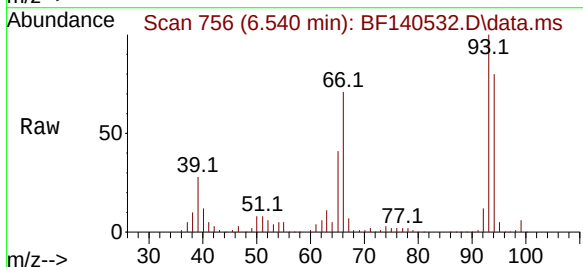
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

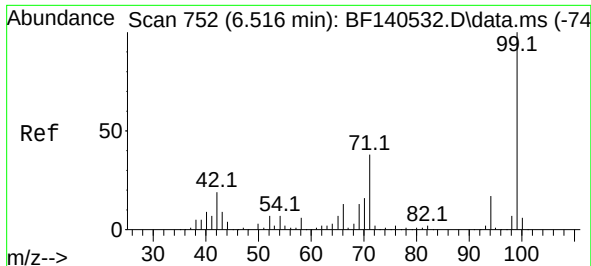
Tgt Ion:112 Resp: 504816
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.7 27.0 40.4



#6
Aniline
Concen: 45.875 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 93 Resp: 268994
Ion Ratio Lower Upper
93 100
66 70.6 56.5 84.7
65 41.1 32.9 49.3





#7

Phenol-d6

Concen: 82.684 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

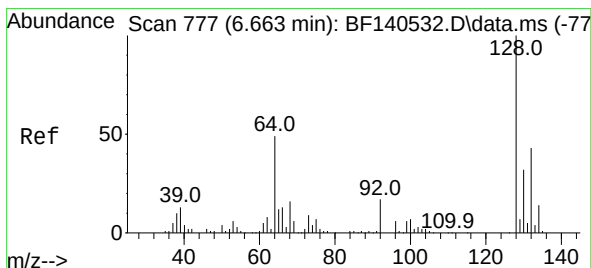
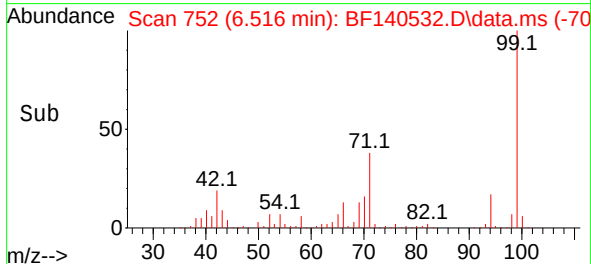
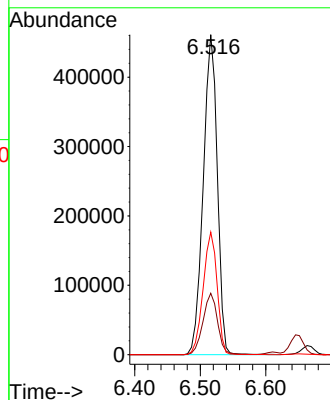
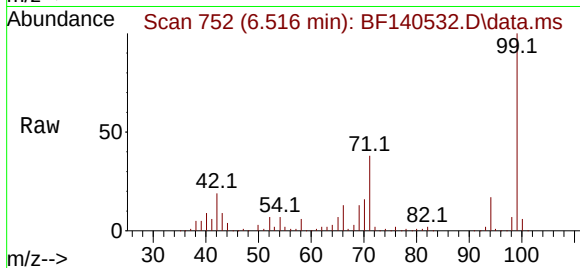
Tgt Ion: 99 Resp: 688812

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.0

71 38.3 30.6 46.0



#8

2-Chlorophenol

Concen: 40.702 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

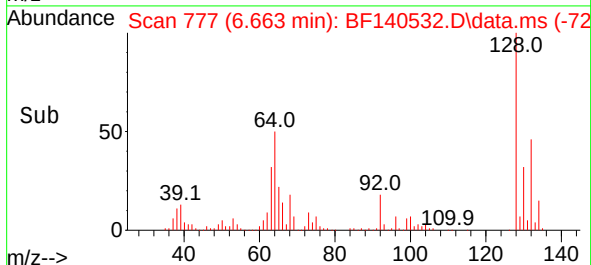
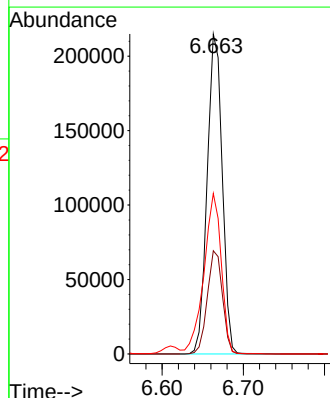
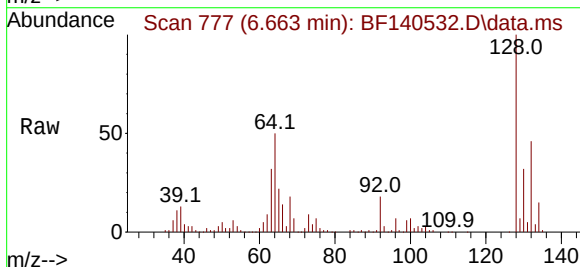
Tgt Ion:128 Resp: 275937

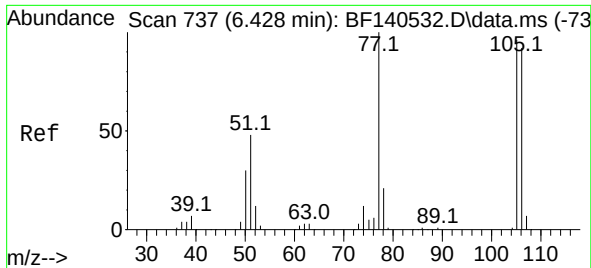
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 50.2 30.2 70.2





#9

Benzaldehyde

Concen: 35.975 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

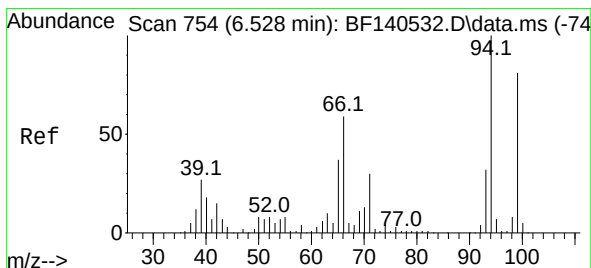
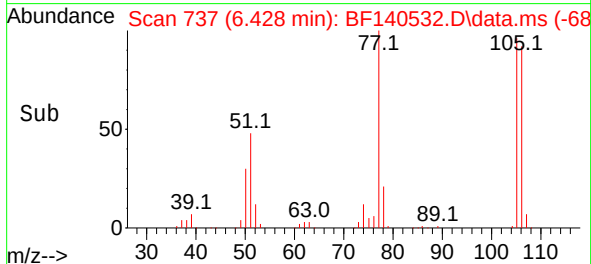
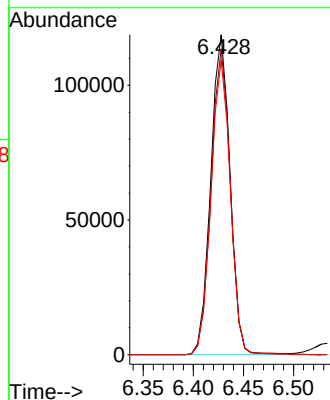
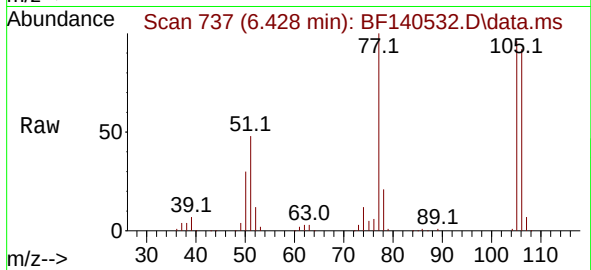
Tgt Ion: 77 Resp: 158653

Ion Ratio Lower Upper

77 100

105 95.6 75.6 115.6

106 92.0 72.0 112.0



#10

Phenol

Concen: 42.137 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

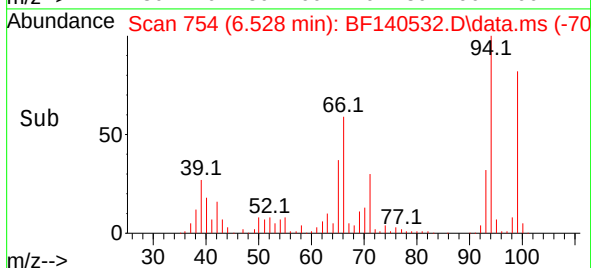
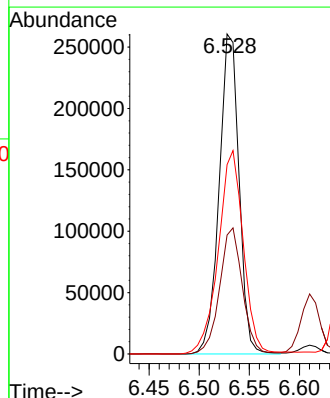
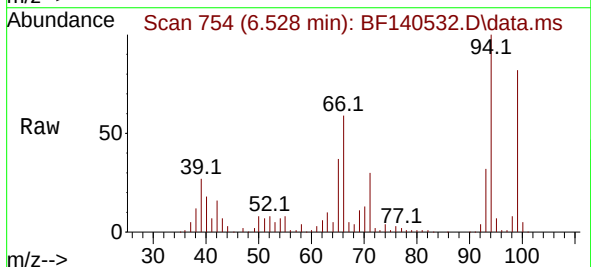
Tgt Ion: 94 Resp: 358490

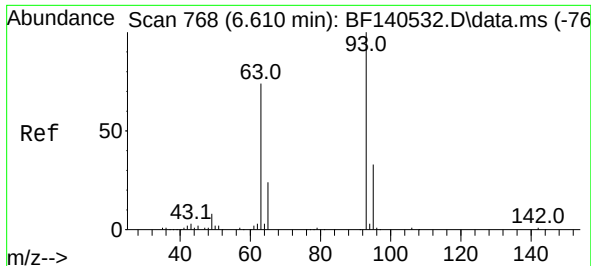
Ion Ratio Lower Upper

94 100

65 37.2 17.2 57.2

66 59.2 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 41.142 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

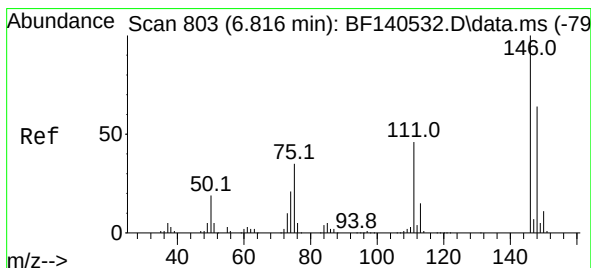
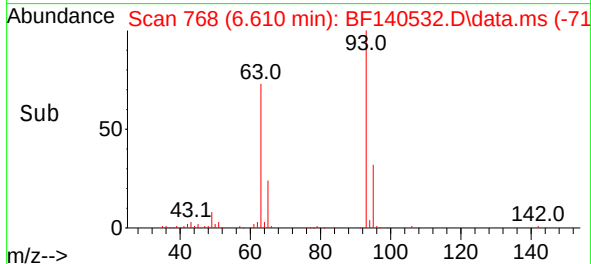
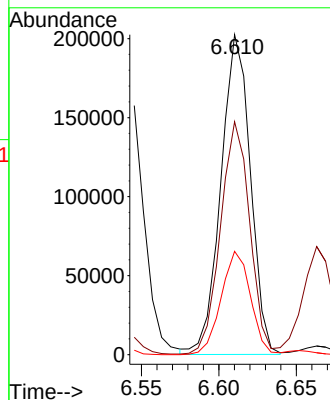
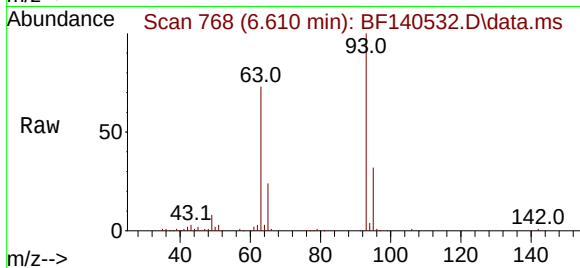
Tgt Ion: 93 Resp: 267847

Ion Ratio Lower Upper

93 100

63 72.8 52.8 92.8

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.480 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

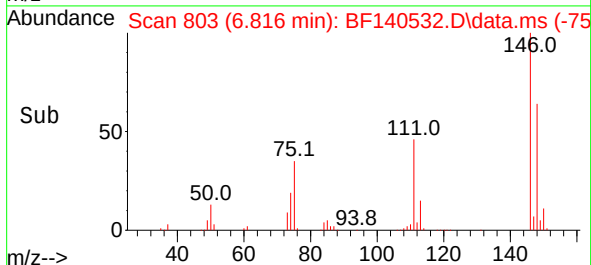
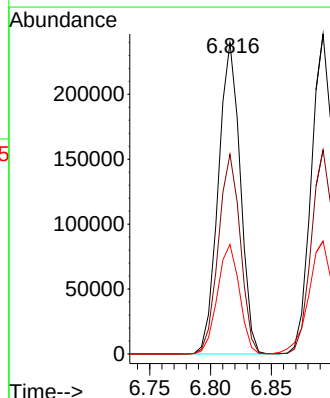
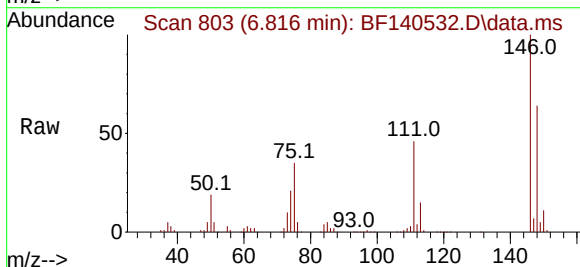
Tgt Ion:146 Resp: 300744

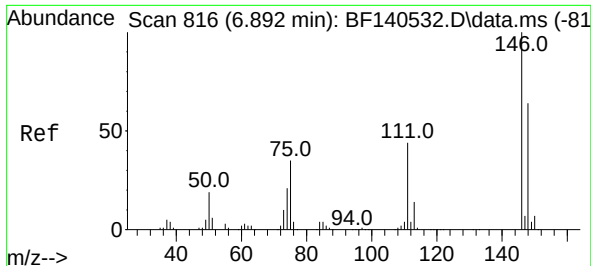
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 35.2 28.2 42.2

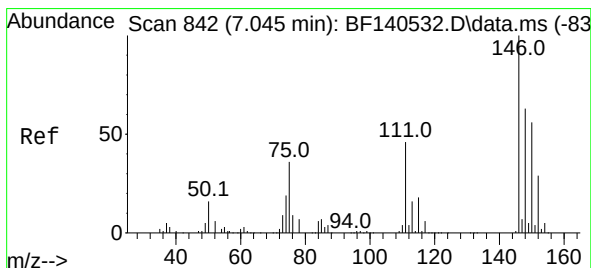
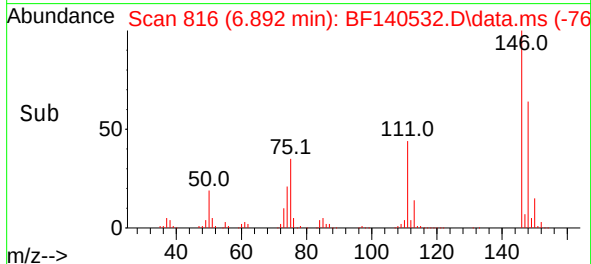
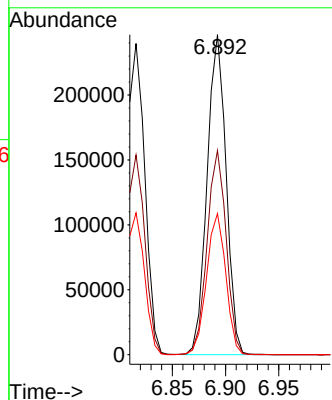
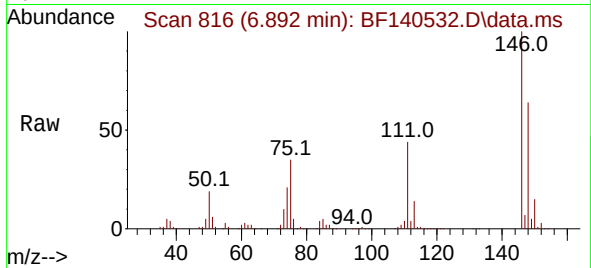




#13
1,4-Dichlorobenzene
Concen: 39.817 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

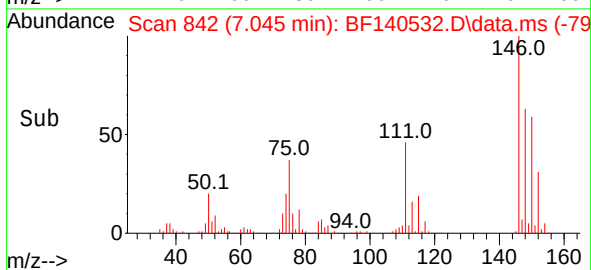
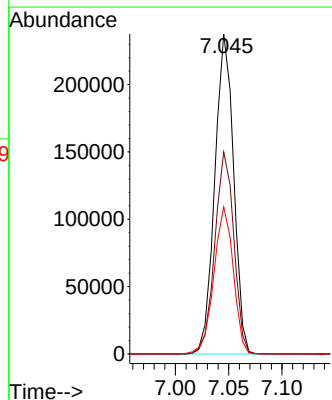
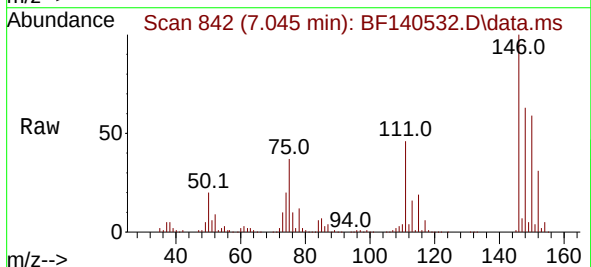
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

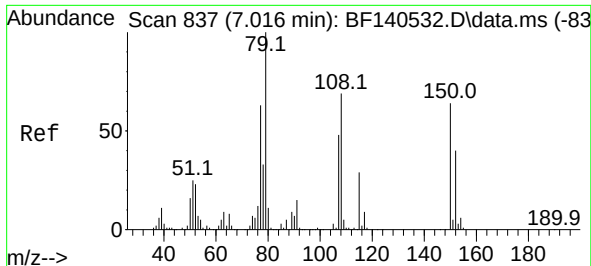
Tgt Ion:146 Resp: 307112
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 40.311 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:146 Resp: 291347
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 45.9 36.7 55.1

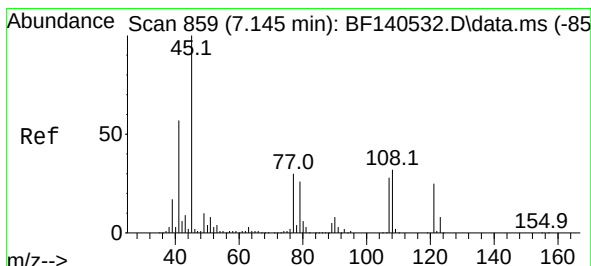
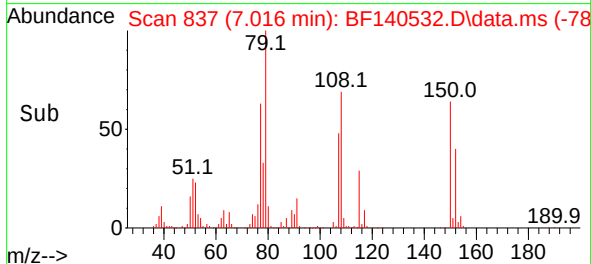
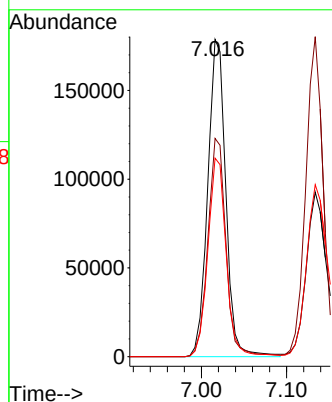
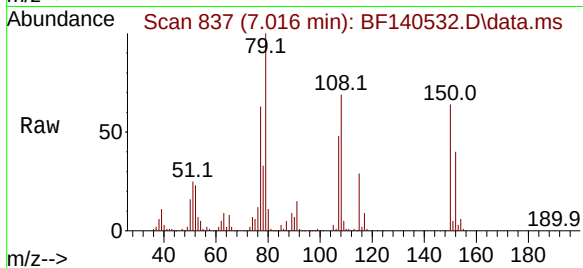




#15
Benzyl Alcohol
Concen: 42.594 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

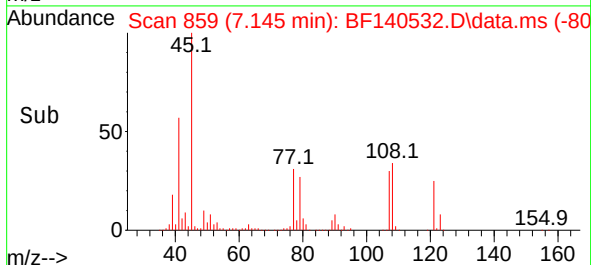
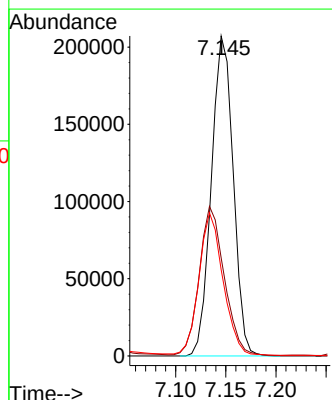
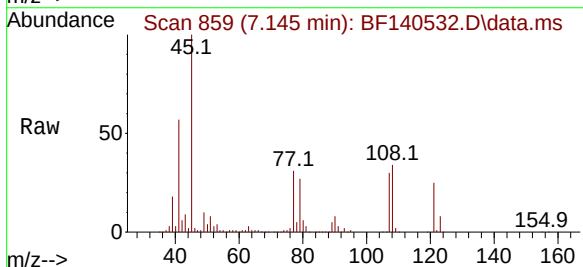
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

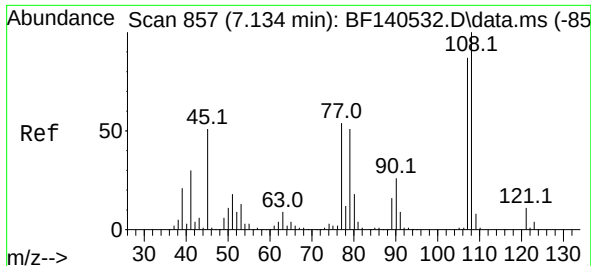
Tgt Ion: 79 Resp: 263144
Ion Ratio Lower Upper
79 100
108 68.8 55.0 82.6
77 62.6 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.901 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 45 Resp: 314582
Ion Ratio Lower Upper
45 100
77 30.7 10.7 50.7
79 27.0 7.0 47.0

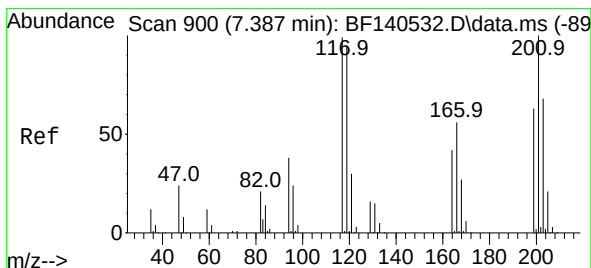
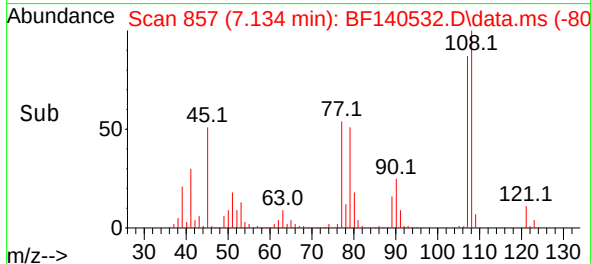
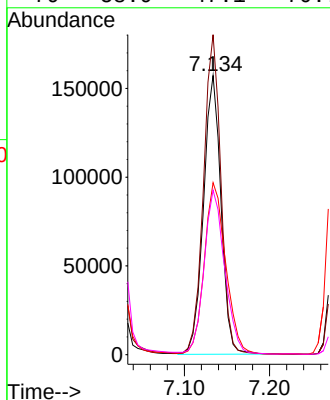
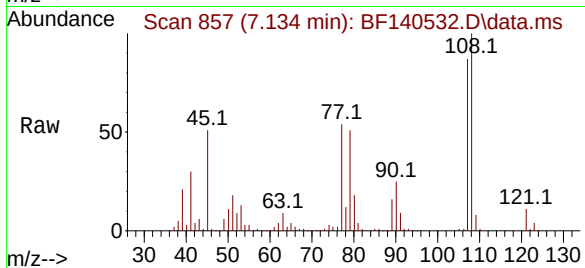




#17
2-Methylphenol
Concen: 41.272 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

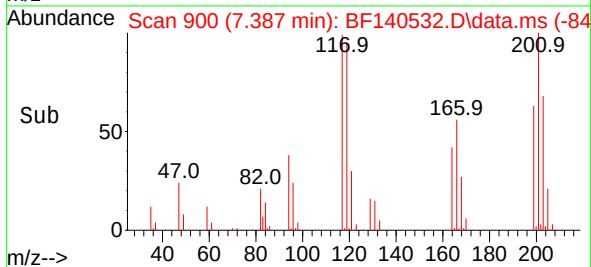
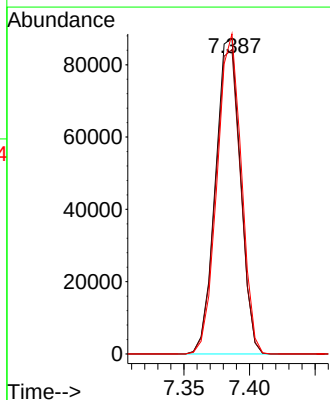
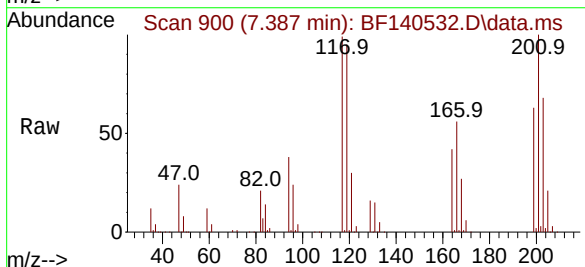
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

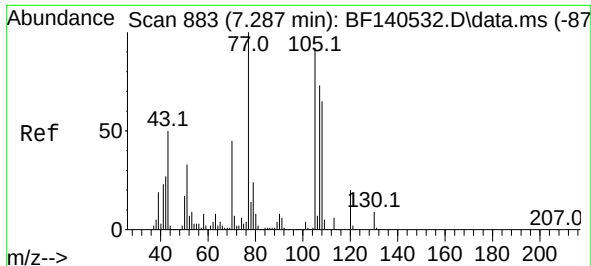
Tgt Ion:	107	Resp:	223977
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	61.6	49.3	73.9
79	58.9	47.1	70.7



#18
Hexachloroethane
Concen: 40.087 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:	117	Resp:	115481
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	101.4	81.1	121.7



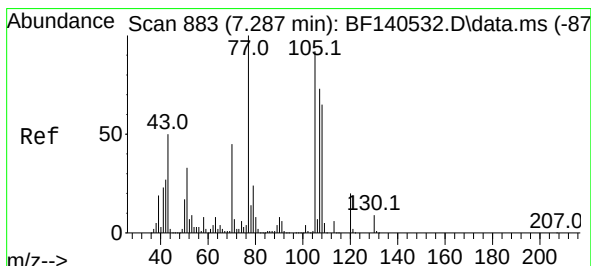
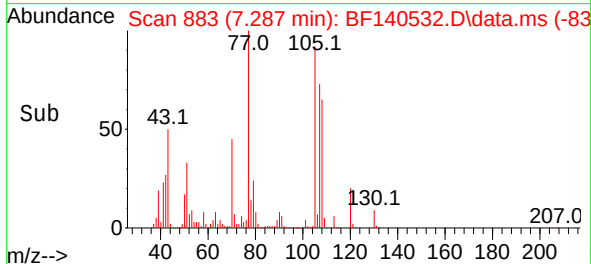
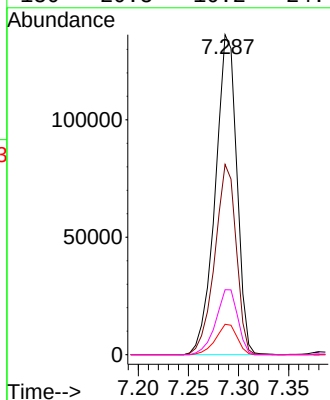
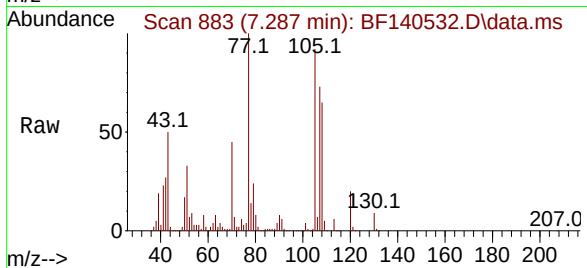


#19
n-Nitroso-di-n-propylamine
Concen: 41.304 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 203356

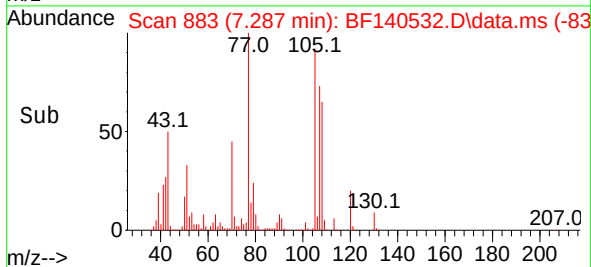
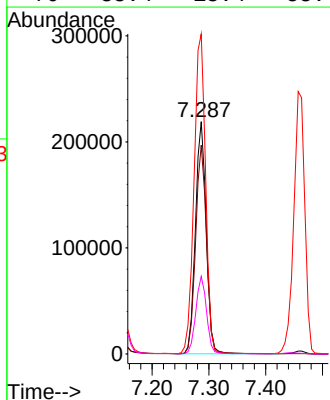
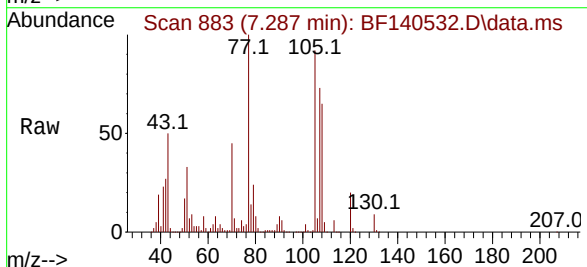
Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.6	71.4
101	9.5	7.6	11.4
130	20.3	16.2	24.4

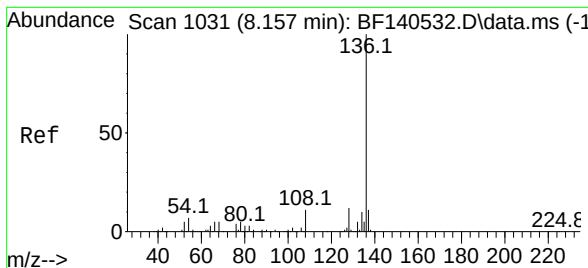


#20
3+4-Methylphenols
Concen: 41.517 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 107 Resp: 289597

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.9	109.9
77	137.7	117.7	157.7
79	33.4	13.4	53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 413408

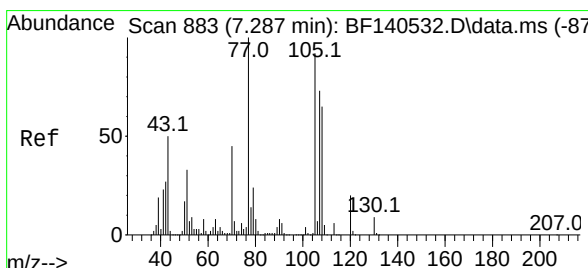
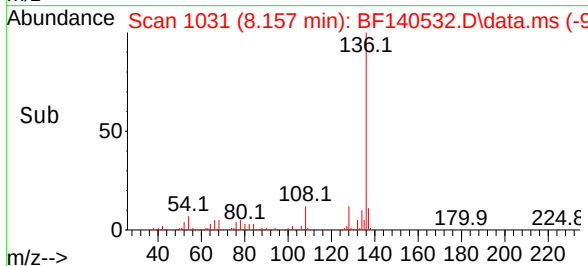
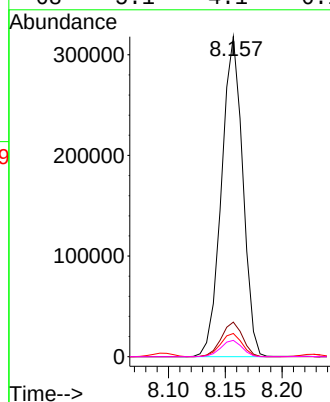
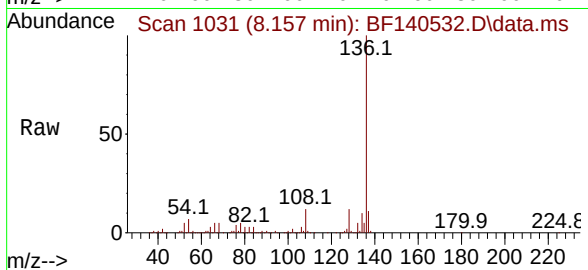
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.3 5.8 8.8

68 5.1 4.1 6.1



#22

Acetophenone

Concen: 39.464 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:105 Resp: 397747

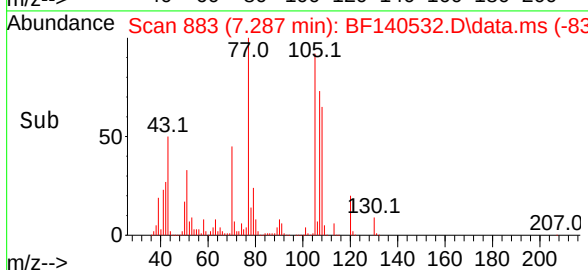
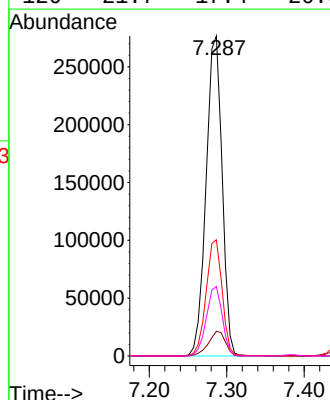
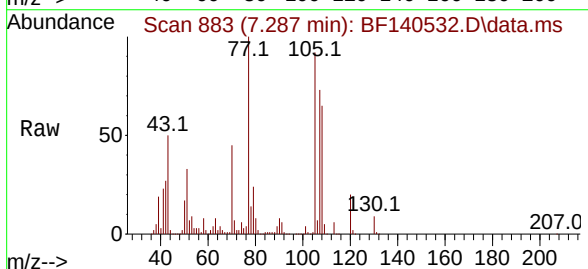
Ion Ratio Lower Upper

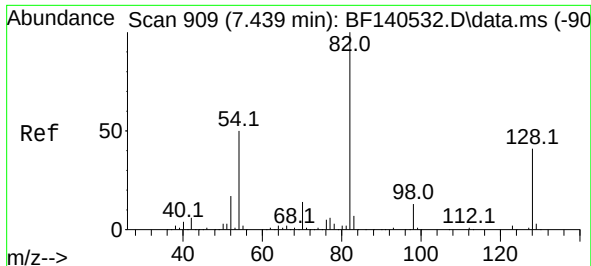
105 100

71 7.7 6.2 9.2

51 36.3 29.0 43.6

120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 80.281 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

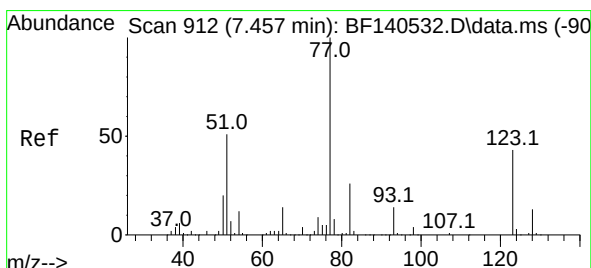
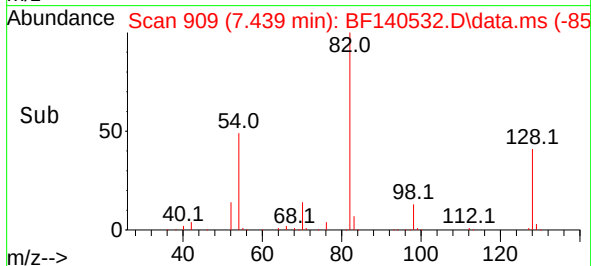
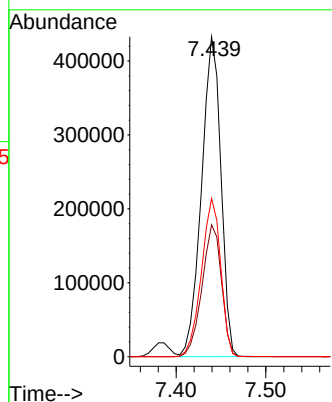
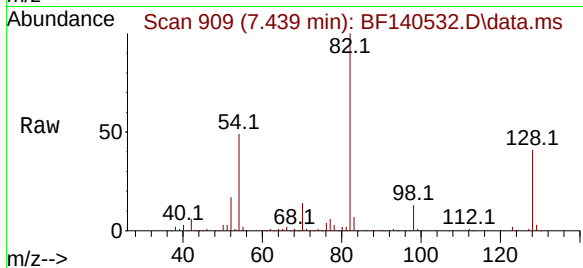
Tgt Ion: 82 Resp: 648845

Ion Ratio Lower Upper

82 100

128 41.2 33.0 49.4

54 49.4 39.5 59.3



#24

Nitrobenzene

Concen: 39.736 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

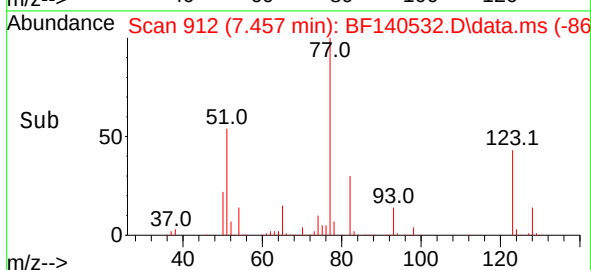
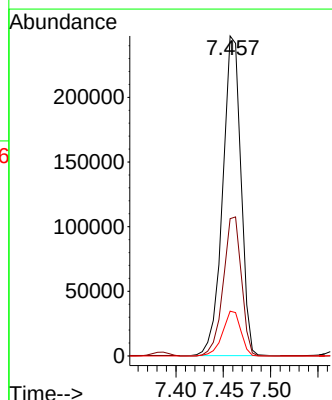
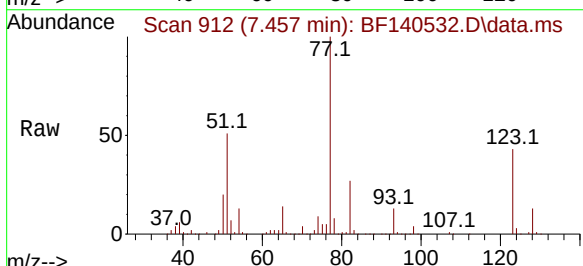
Tgt Ion: 77 Resp: 331927

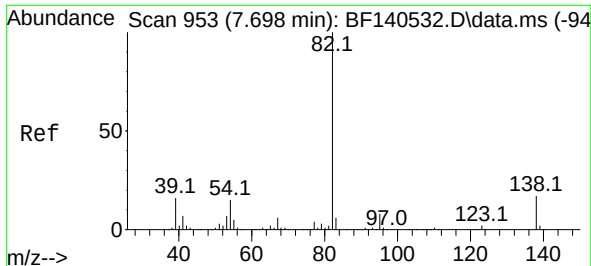
Ion Ratio Lower Upper

77 100

123 42.9 34.3 51.5

65 14.0 11.2 16.8

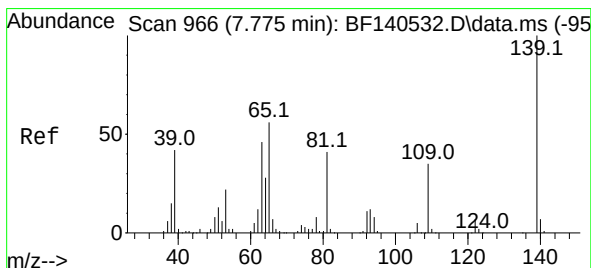
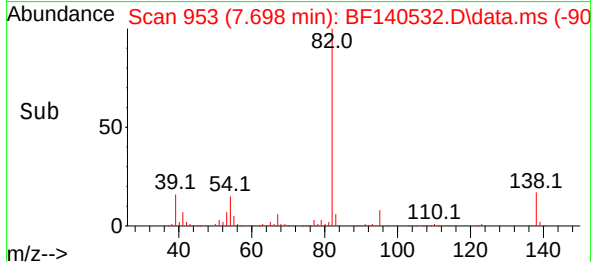
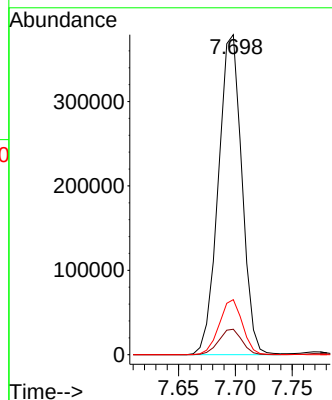
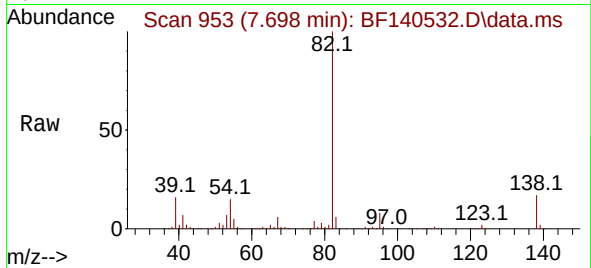




#25
Isophorone
Concen: 40.576 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

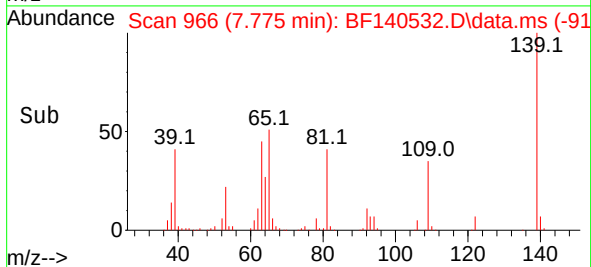
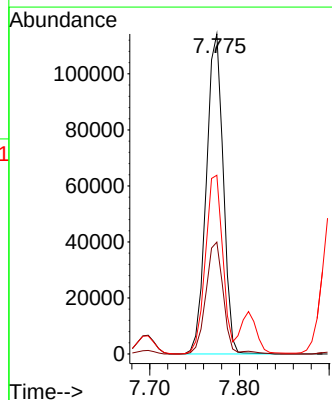
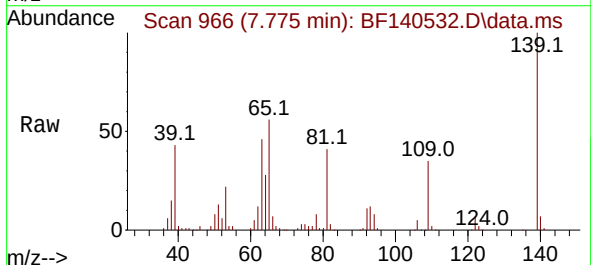
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

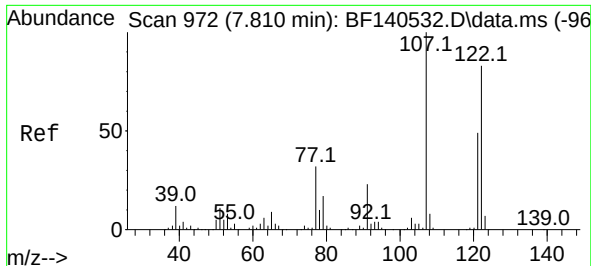
Tgt Ion: 82 Resp: 546985
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 40.287 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:139 Resp: 149133
Ion Ratio Lower Upper
139 100
109 35.0 28.0 42.0
65 55.8 44.6 67.0

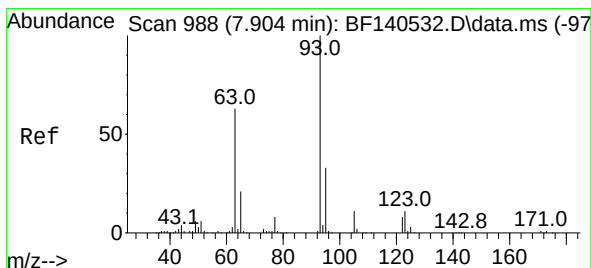
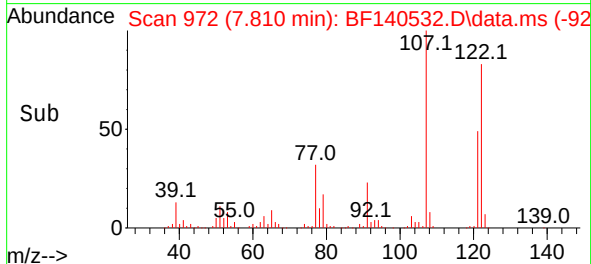
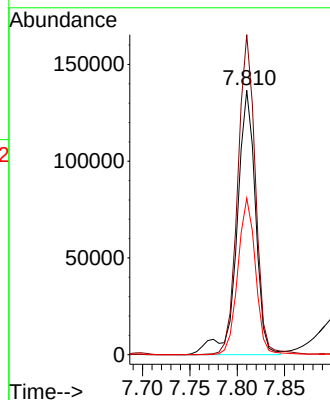
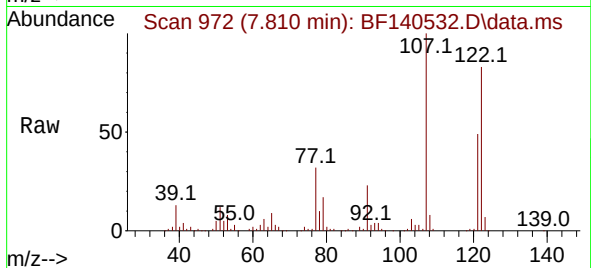




#27
2,4-Dimethylphenol
Concen: 41.885 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

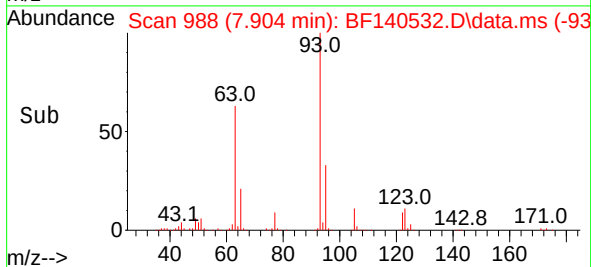
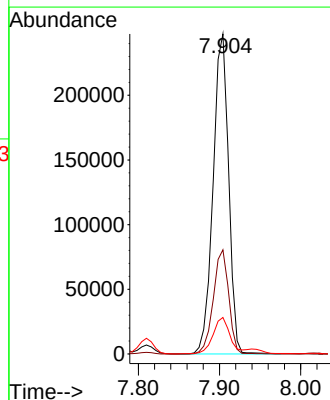
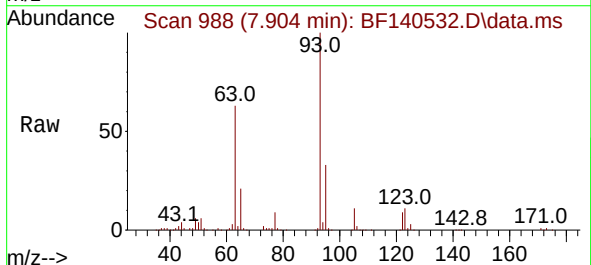
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

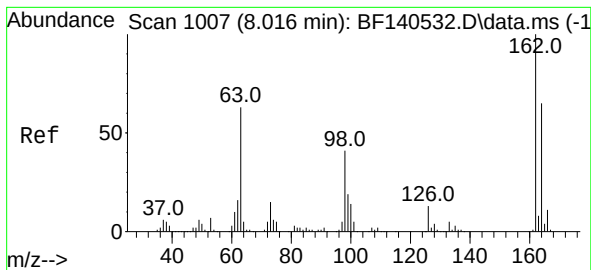
Tgt Ion:122 Resp: 185514
Ion Ratio Lower Upper
122 100
107 121.0 96.8 145.2
121 59.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.946 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion: 93 Resp: 328053
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.4 9.1 13.7

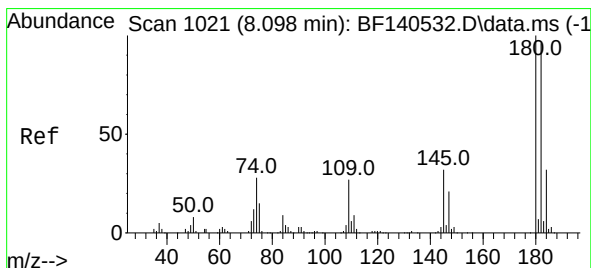
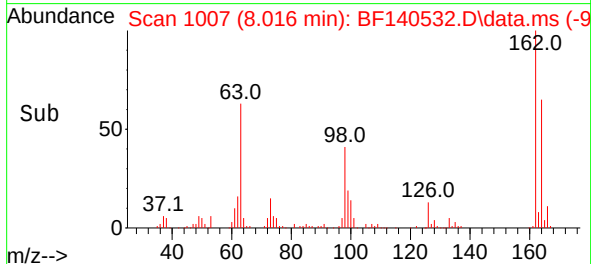
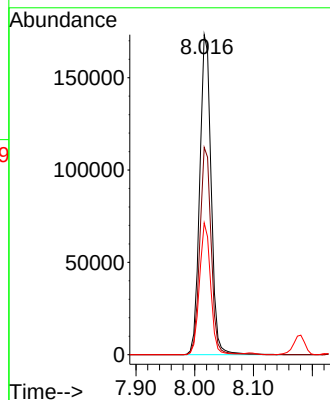
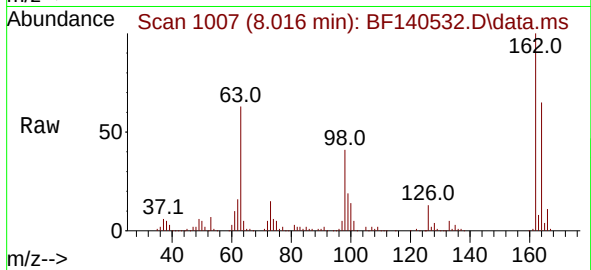




#29
2,4-Dichlorophenol
Concen: 39.725 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

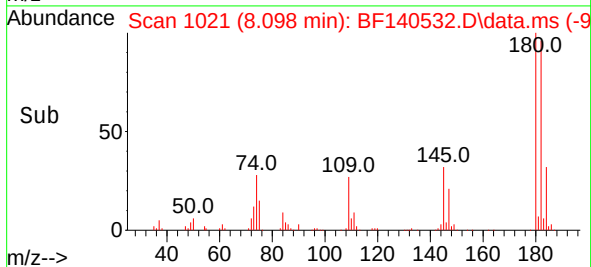
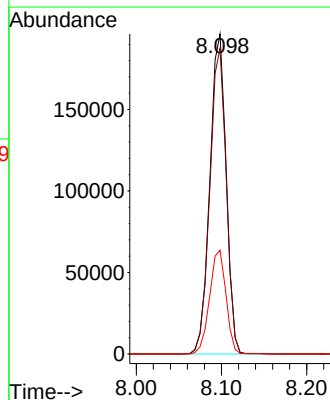
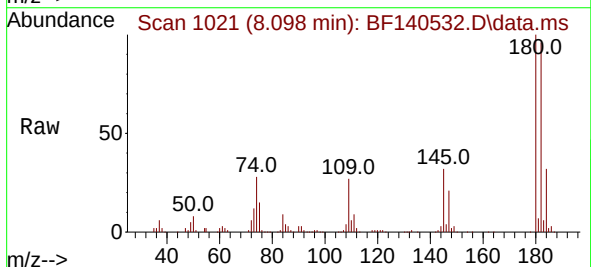
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

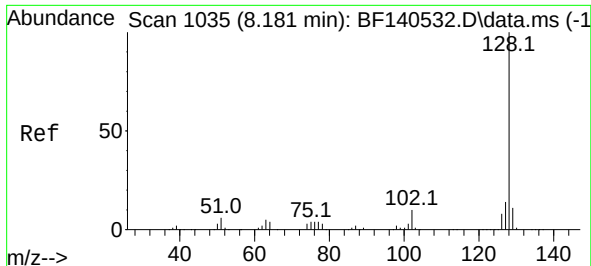
Tgt Ion:162 Resp: 233140
Ion Ratio Lower Upper
162 100
164 64.8 44.8 84.8
98 41.2 21.2 61.2



#30
1,2,4-Trichlorobenzene
Concen: 39.078 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:180 Resp: 261862
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 32.4 25.9 38.9

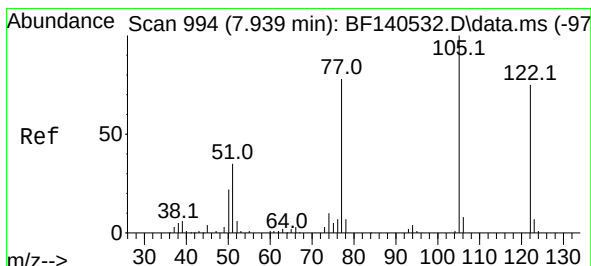
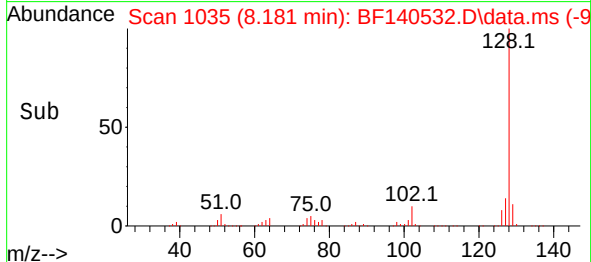
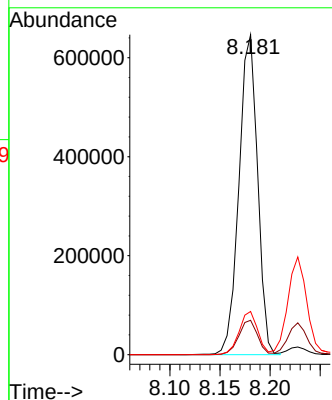
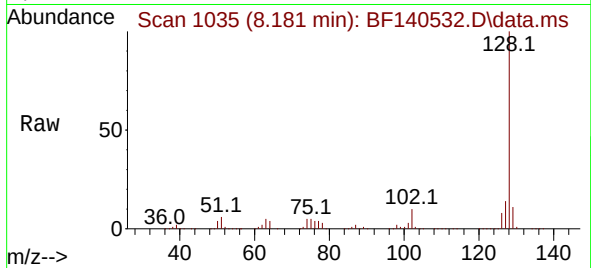




#31
Naphthalene
Concen: 39.318 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

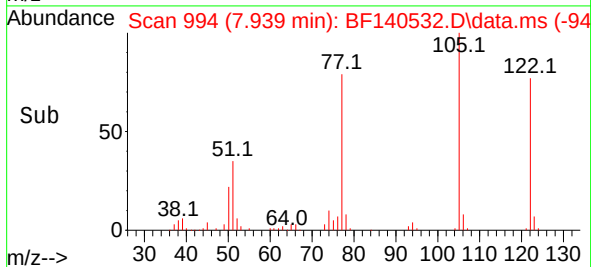
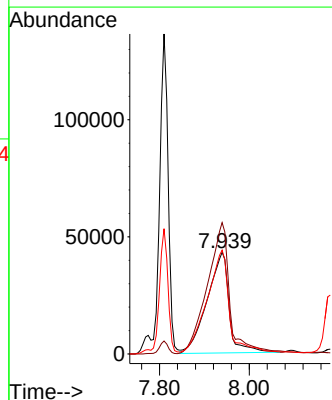
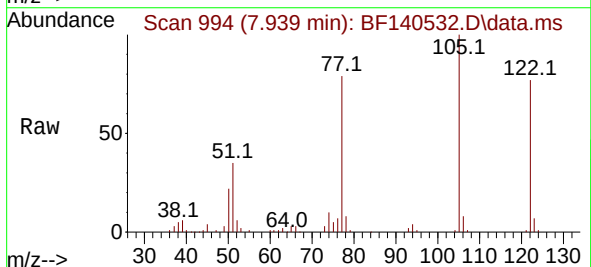
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

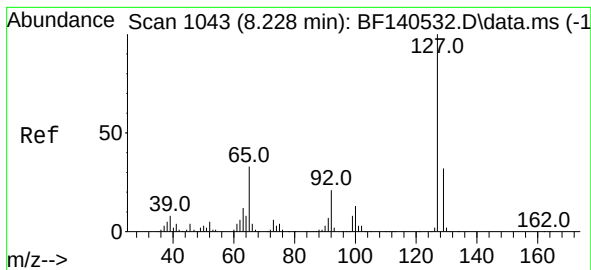
Tgt Ion:128 Resp: 837233
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 39.450 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:122 Resp: 146245
Ion Ratio Lower Upper
122 100
105 129.3 109.3 149.3
77 102.3 82.3 122.3





#33

4-Chloroaniline

Concen: 42.139 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 268662

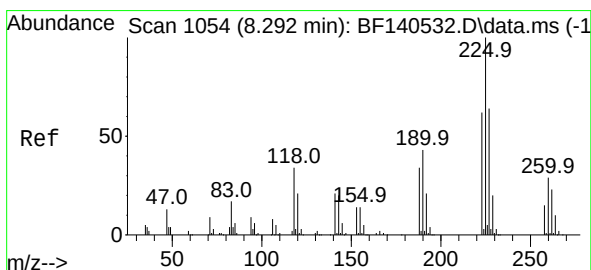
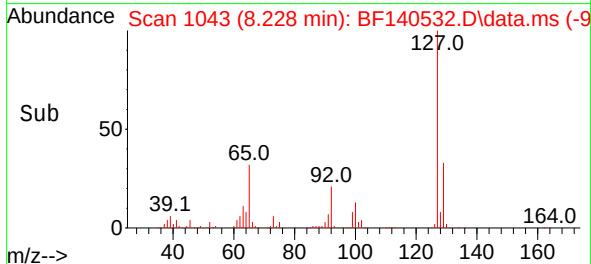
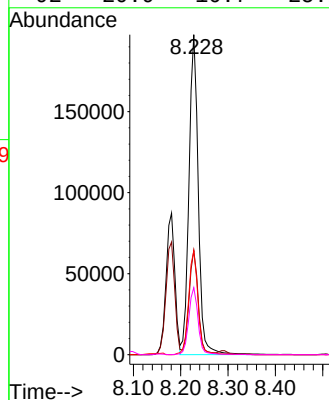
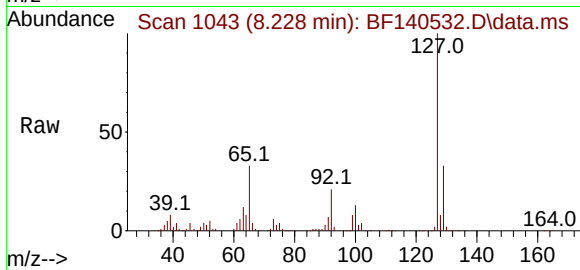
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 32.5 26.0 39.0

92 20.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.473 ng

RT: 8.292 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

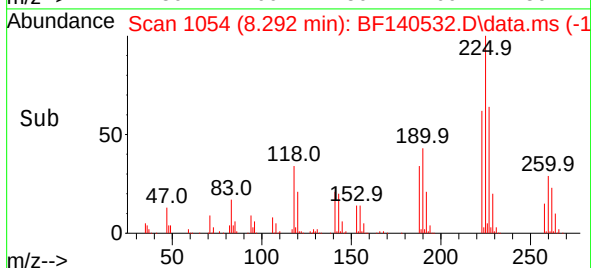
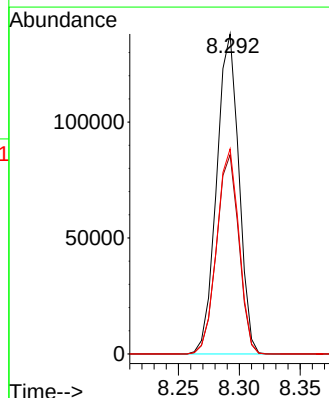
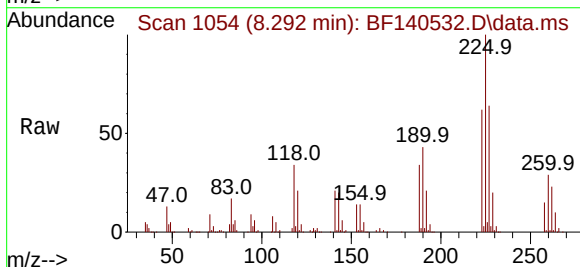
Tgt Ion:225 Resp: 175198

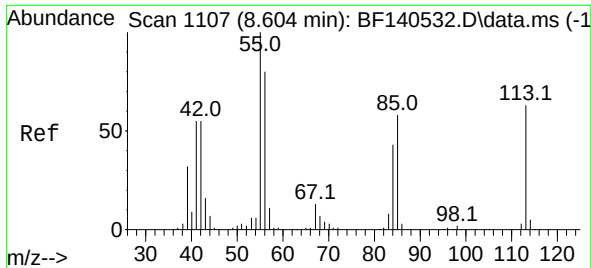
Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.8

227 64.1 51.3 76.9





#35

Caprolactam

Concen: 41.168 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

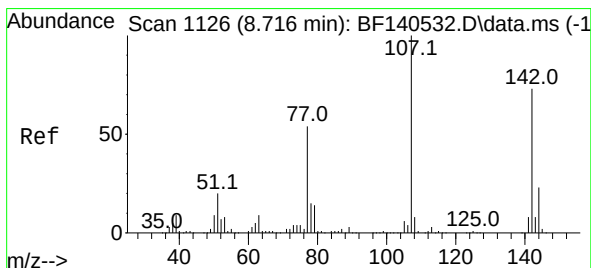
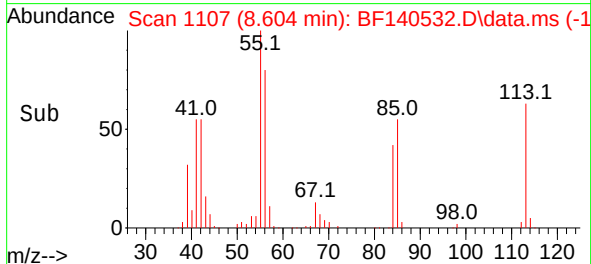
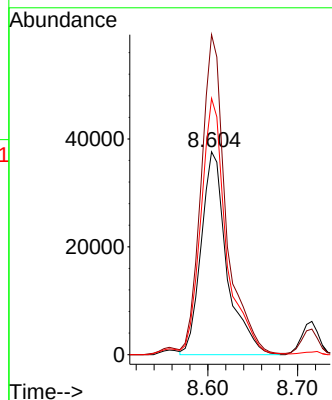
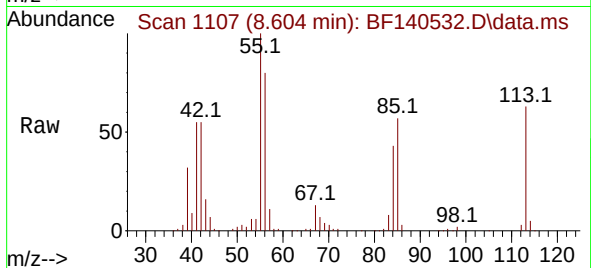
Tgt Ion:113 Resp: 74771

Ion Ratio Lower Upper

113 100

55 157.7 137.7 177.7

56 126.4 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 41.150 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

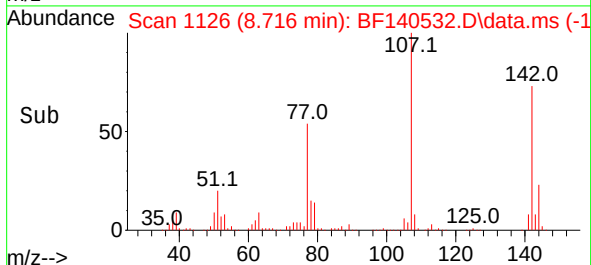
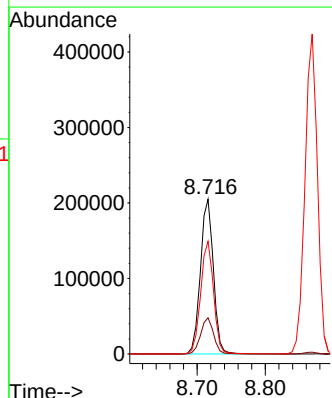
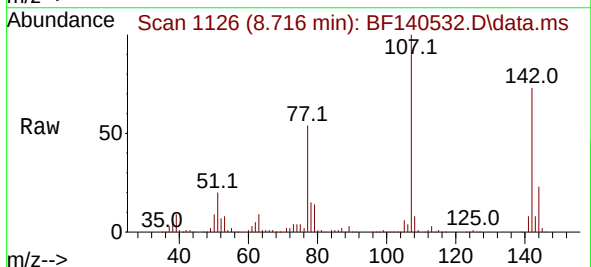
Tgt Ion:107 Resp: 270395

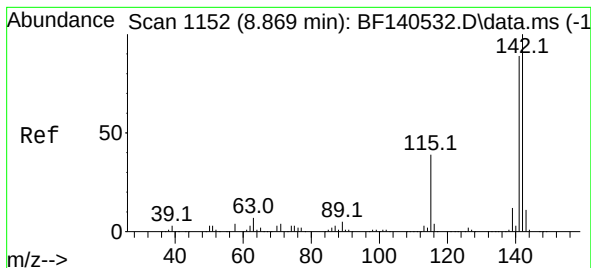
Ion Ratio Lower Upper

107 100

144 23.4 18.7 28.1

142 72.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 39.707 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

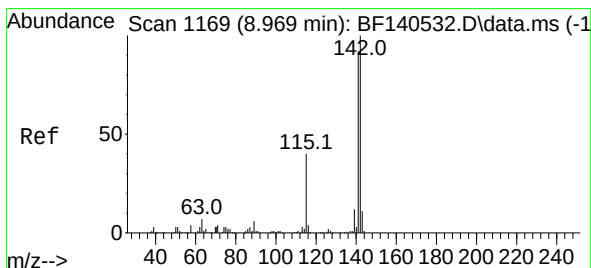
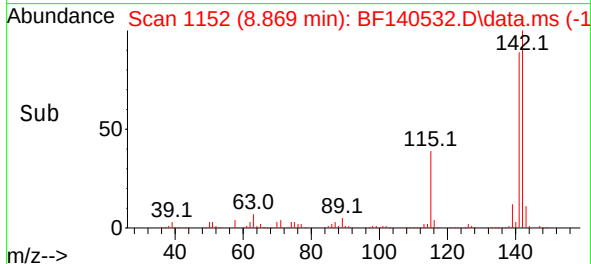
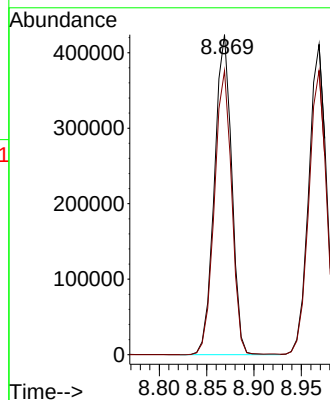
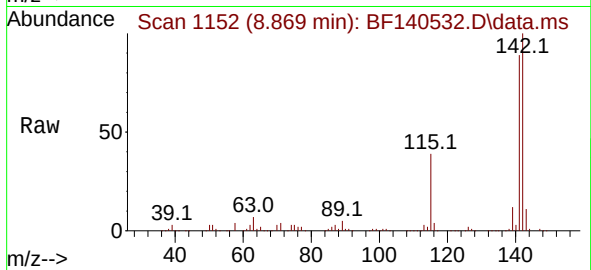
SSTDICCC040

Tgt Ion:142 Resp: 537039

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.781 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140532.D

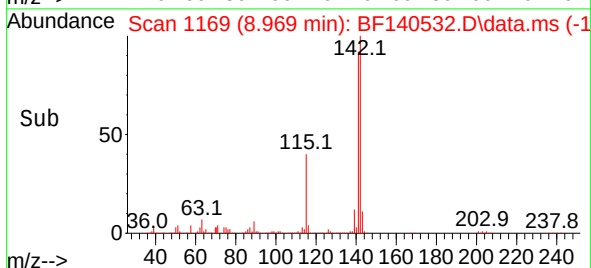
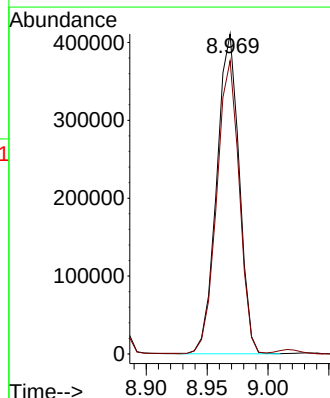
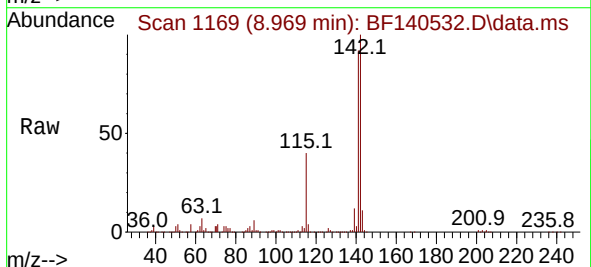
Acq: 21 Nov 2024 12:58

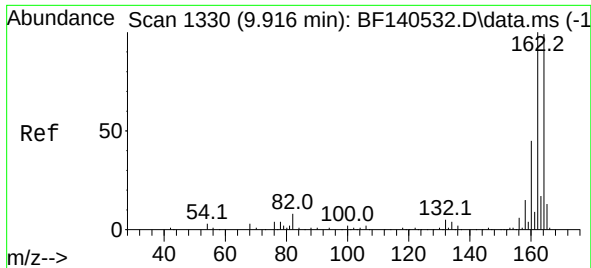
Tgt Ion:142 Resp: 527387

Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

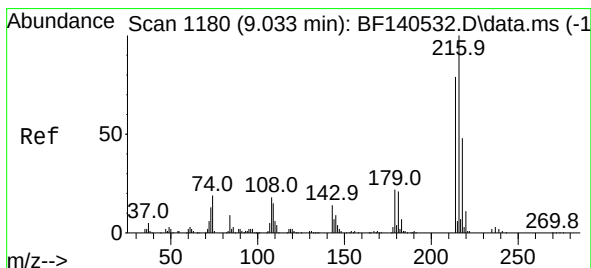
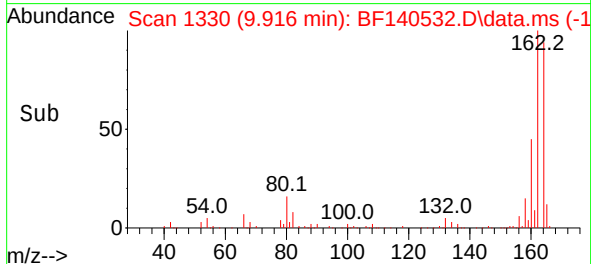
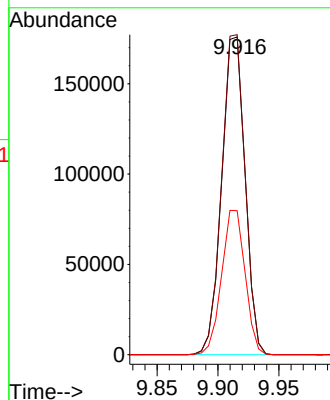
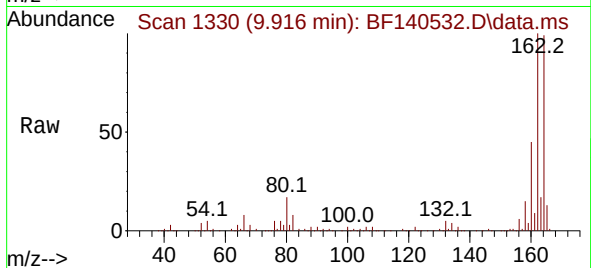
Tgt Ion:164 Resp: 234407

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.462 ng

RT: 9.033 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:216 Resp: 263939

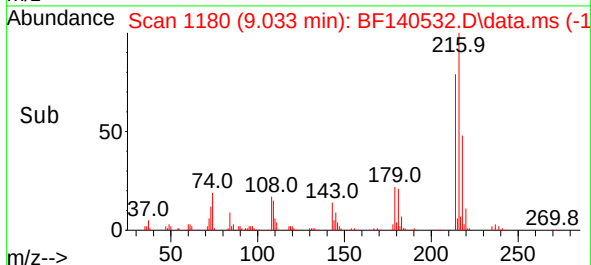
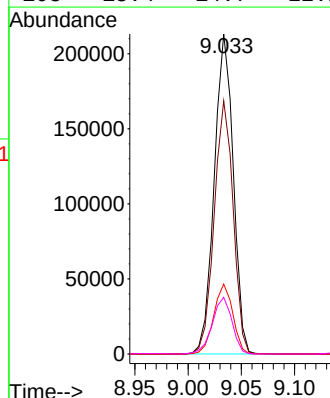
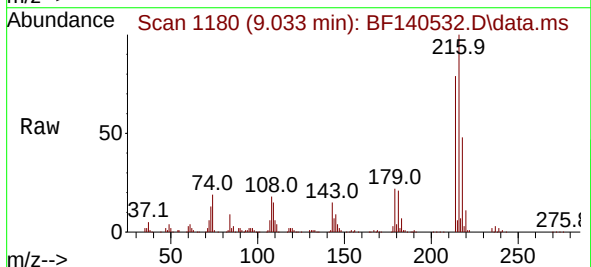
Ion Ratio Lower Upper

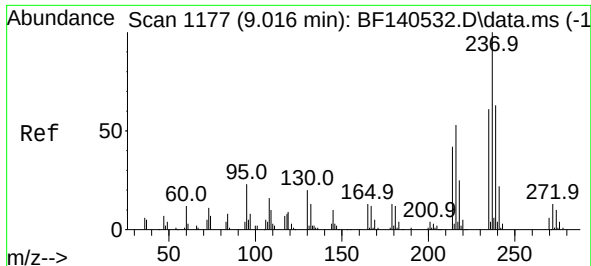
216 100

214 78.7 63.0 94.4

179 21.9 17.5 26.3

108 18.4 14.7 22.1

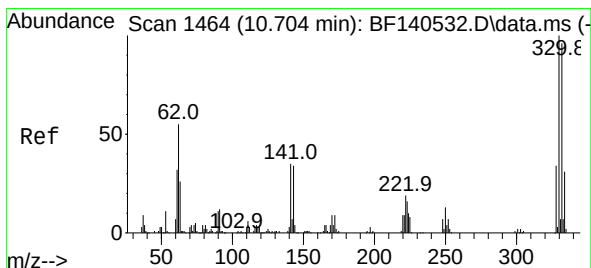
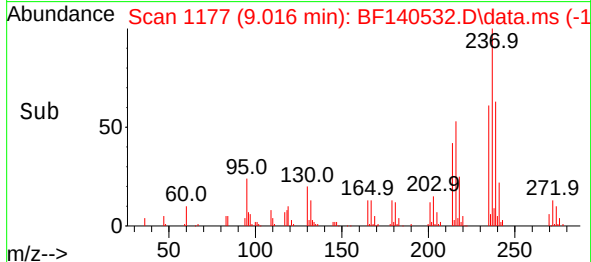
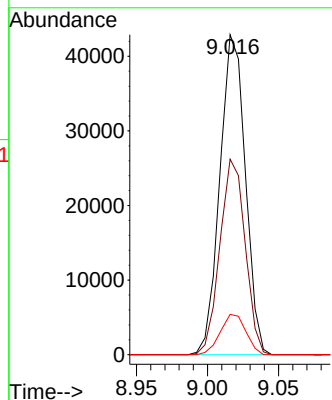
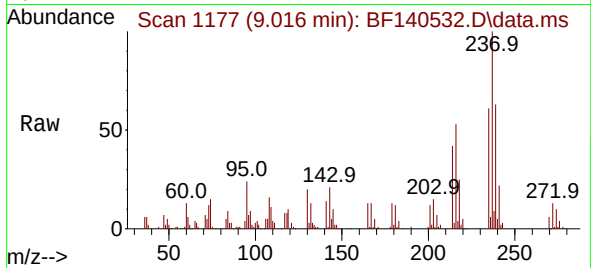




#41
Hexachlorocyclopentadiene
Concen: 38.833 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

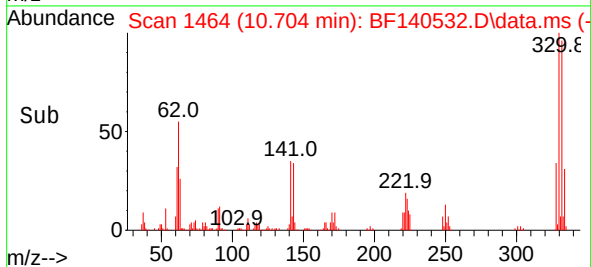
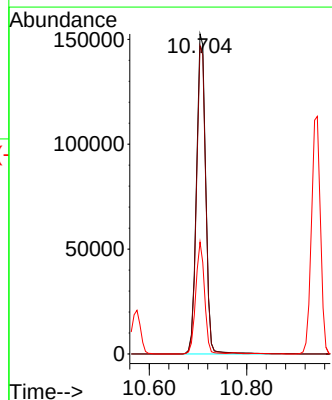
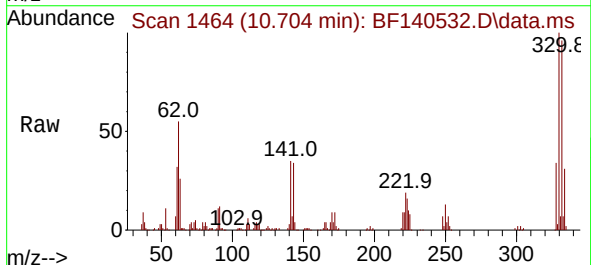
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

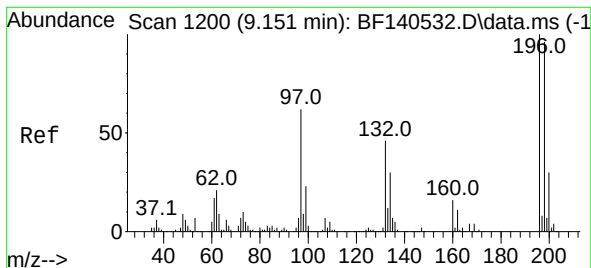
Tgt Ion:237 Resp: 53531
Ion Ratio Lower Upper
237 100
235 61.1 41.1 81.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 80.781 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:330 Resp: 202517
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 33.4 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.799 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

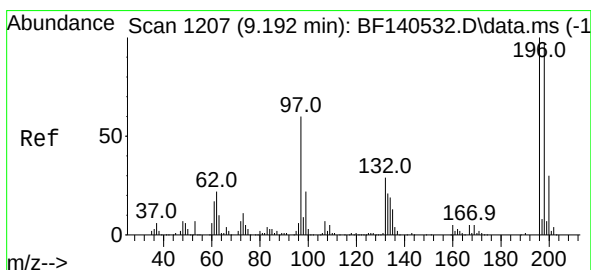
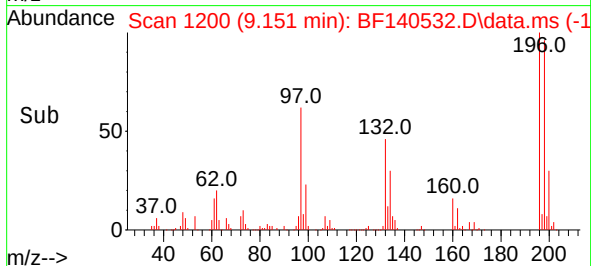
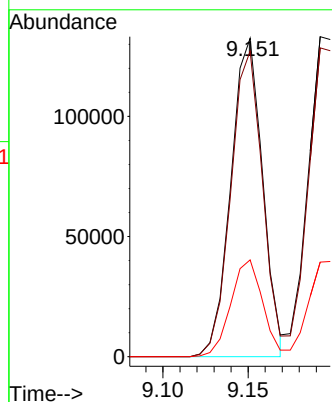
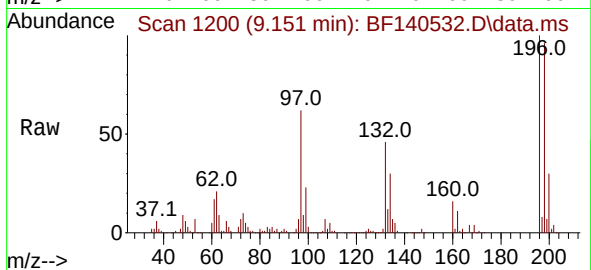
Tgt Ion:196 Resp: 171374

Ion Ratio Lower Upper

196 100

198 96.0 76.8 115.2

200 30.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 40.504 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Tgt Ion:196 Resp: 189287

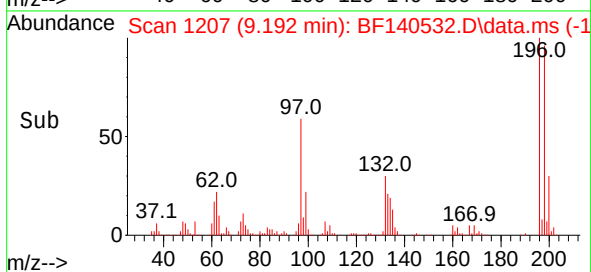
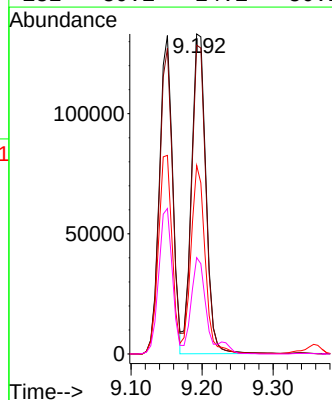
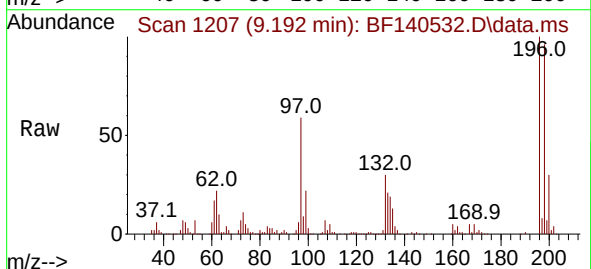
Ion Ratio Lower Upper

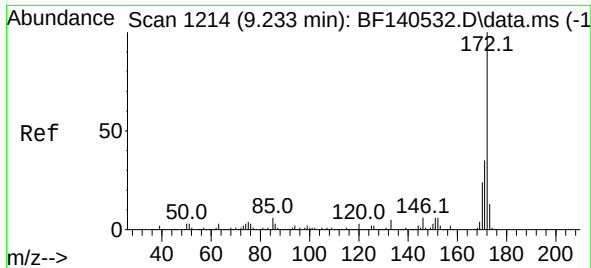
196 100

198 96.5 77.2 115.8

97 58.9 47.1 70.7

132 30.1 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 76.969 ng

RT: 9.233 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

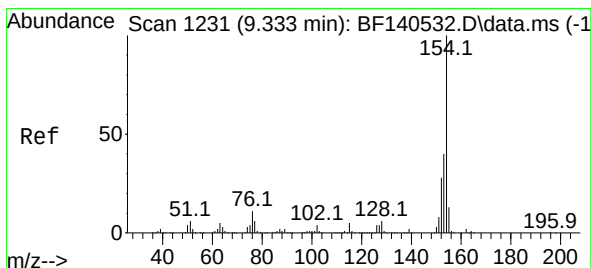
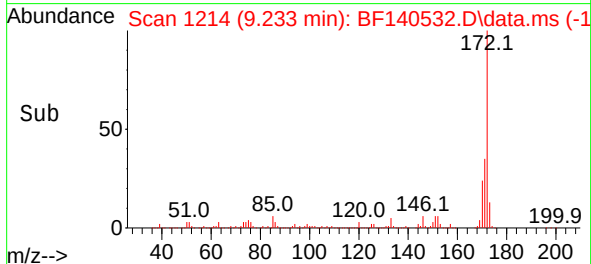
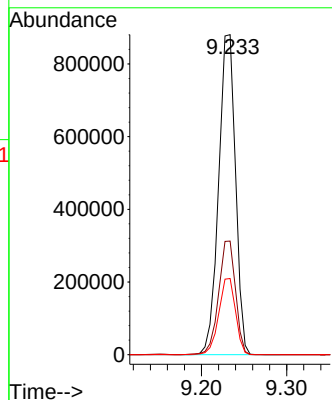
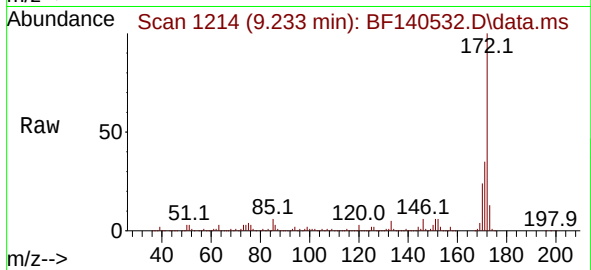
Tgt Ion:172 Resp: 1210929

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.750 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

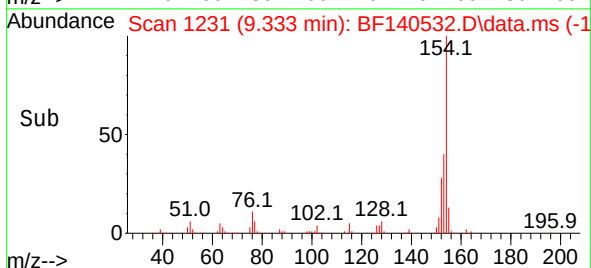
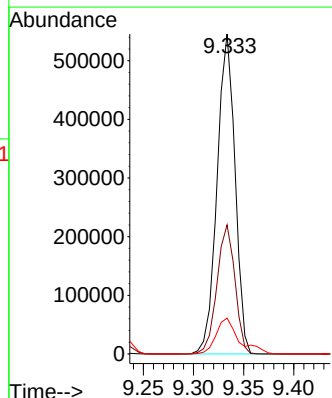
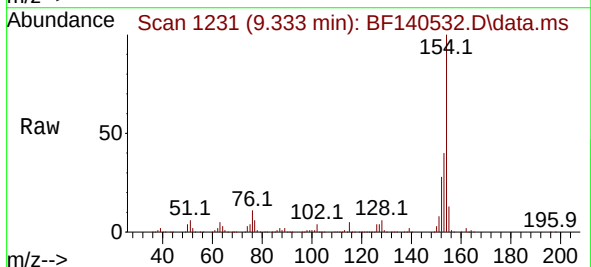
Tgt Ion:154 Resp: 678172

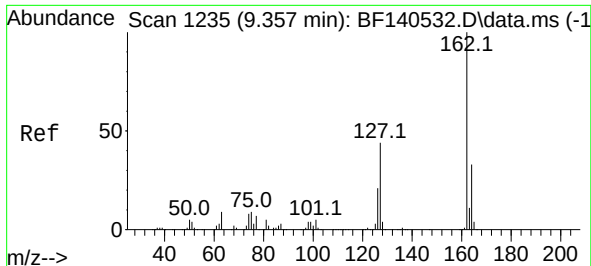
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.086 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

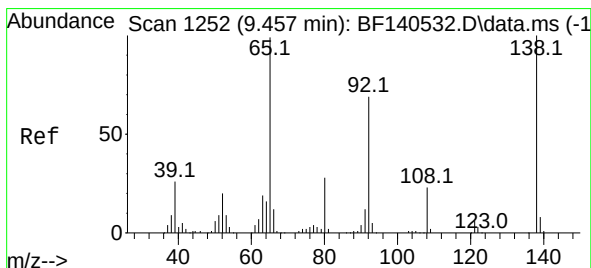
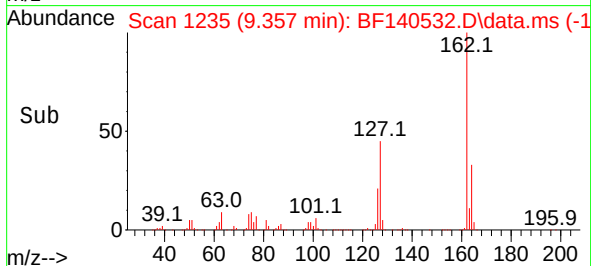
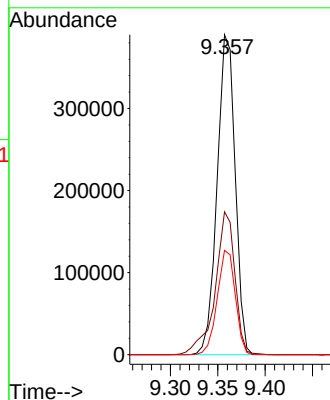
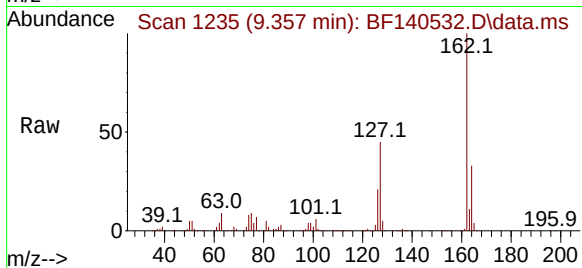
Tgt Ion:162 Resp: 518320

Ion Ratio Lower Upper

162 100

127 44.6 35.7 53.5

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 40.410 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

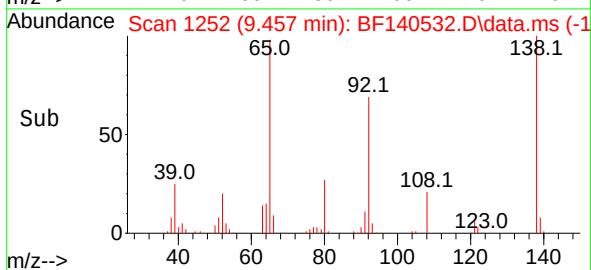
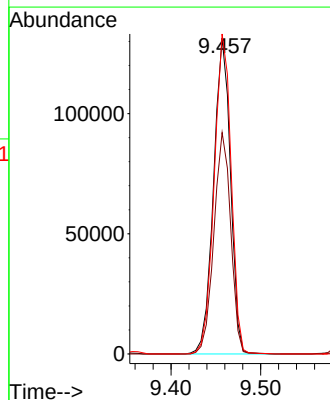
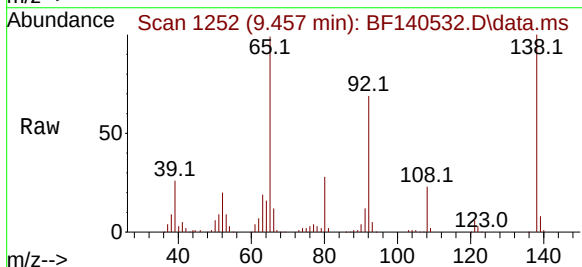
Tgt Ion: 65 Resp: 172005

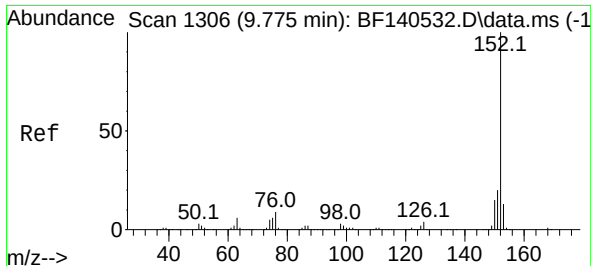
Ion Ratio Lower Upper

65 100

92 70.1 56.1 84.1

138 101.3 81.0 121.6





#49

Acenaphthylene

Concen: 38.899 ng

RT: 9.775 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

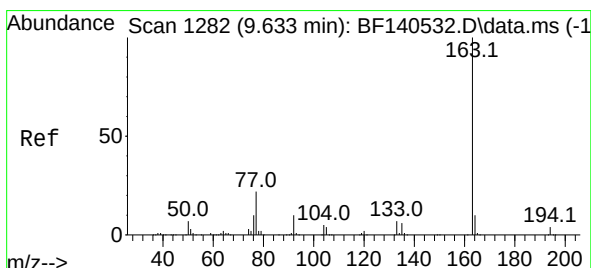
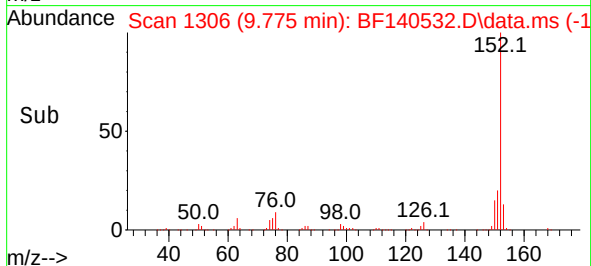
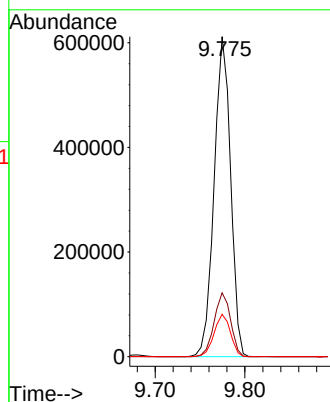
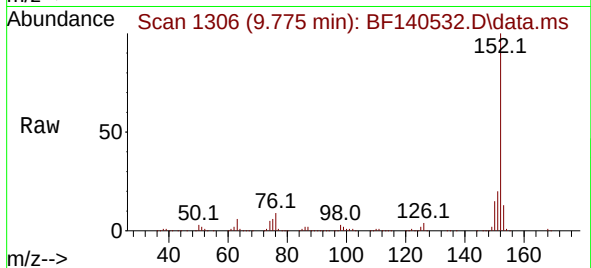
Tgt Ion:152 Resp: 779390

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 39.445 ng

RT: 9.633 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

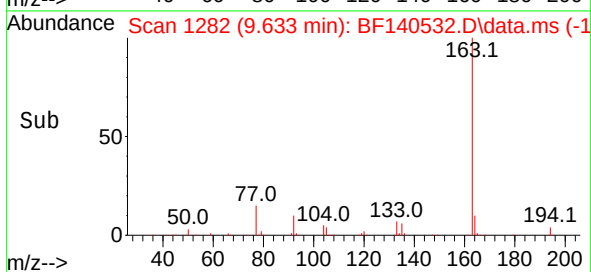
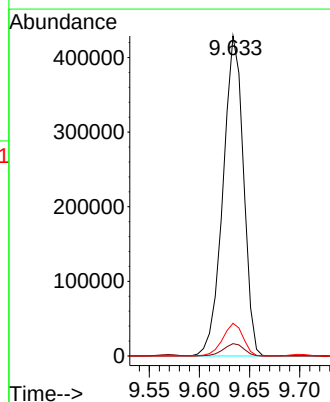
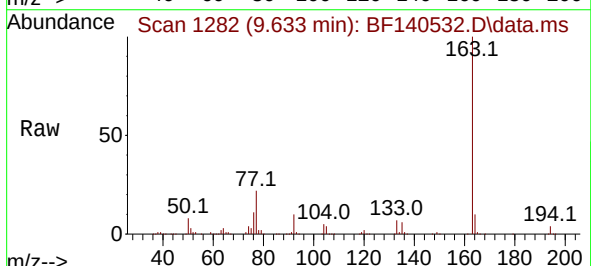
Tgt Ion:163 Resp: 608948

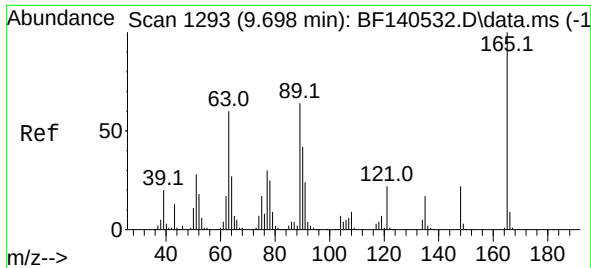
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2

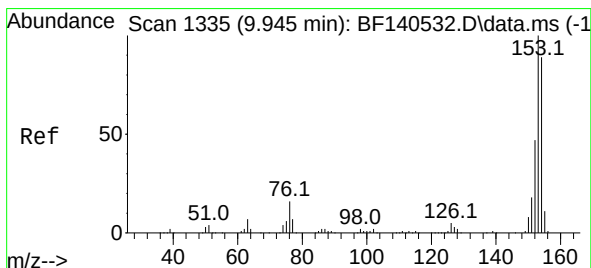
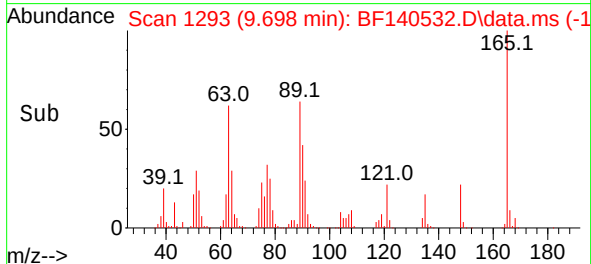
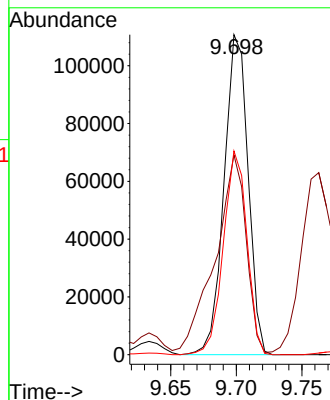
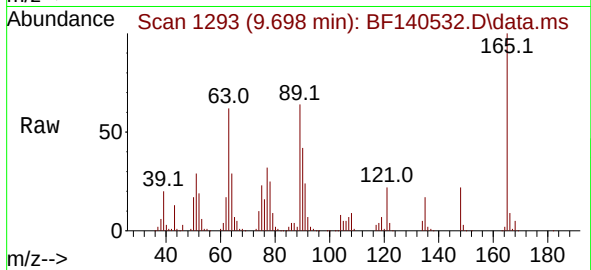




#51
2,6-Dinitrotoluene
Concen: 40.249 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

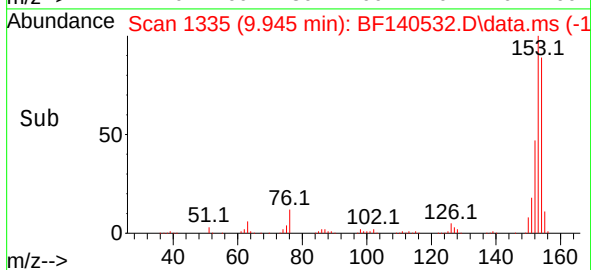
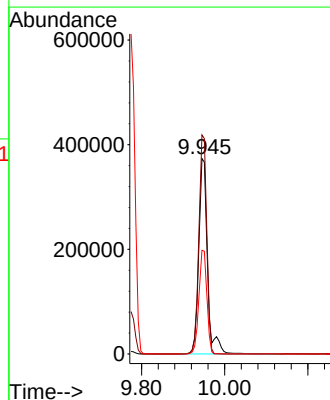
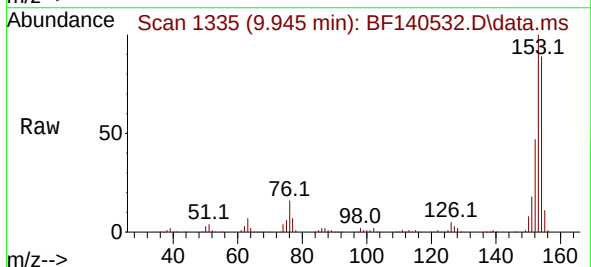
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

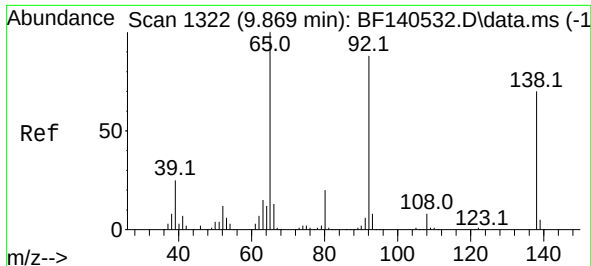
Tgt Ion:165 Resp: 140922
Ion Ratio Lower Upper
165 100
63 62.4 49.9 74.9
89 63.6 50.9 76.3



#52
Acenaphthene
Concen: 41.646 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:154 Resp: 540316
Ion Ratio Lower Upper
154 100
153 112.1 89.7 134.5
152 53.1 42.5 63.7

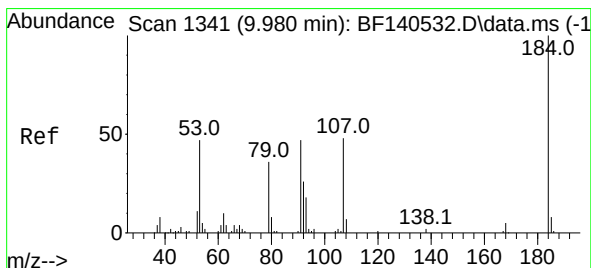
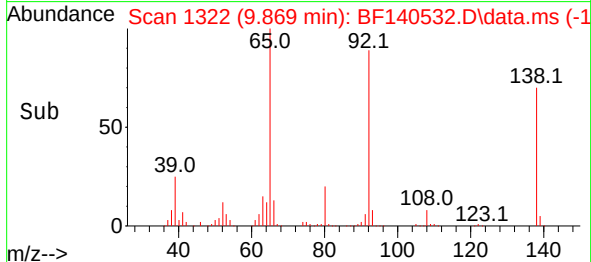
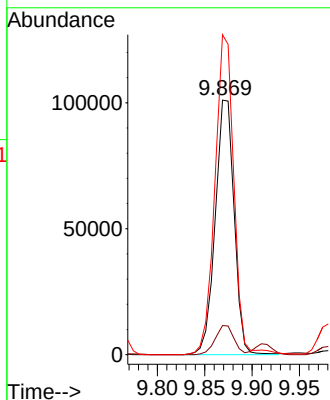
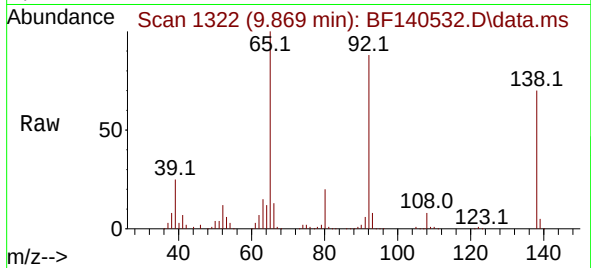




#53
3-Nitroaniline
Concen: 41.134 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

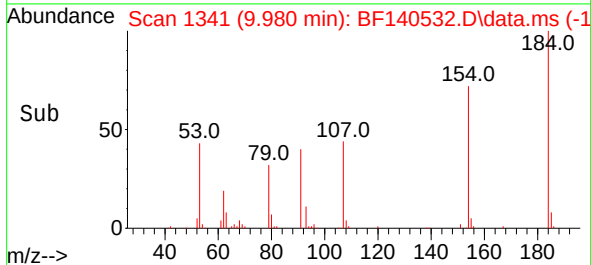
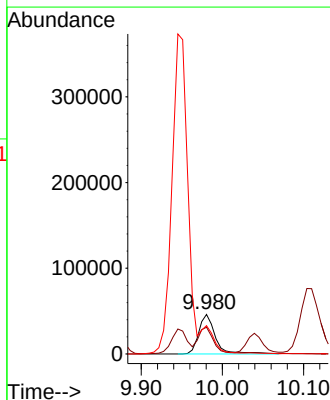
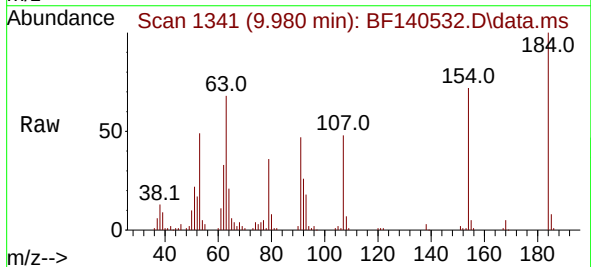
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

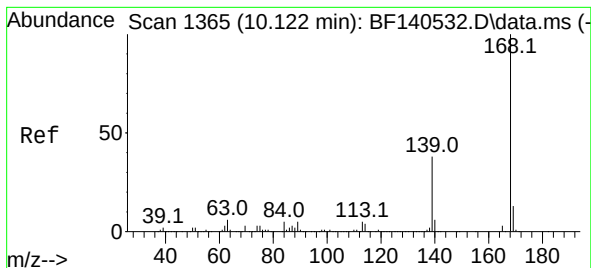
Tgt Ion:138 Resp: 140859
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 125.7 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 40.435 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:184 Resp: 65546
Ion Ratio Lower Upper
184 100
63 67.6 54.1 81.1
154 71.7 57.4 86.0





#55

Dibenzenofuran

Concen: 39.153 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

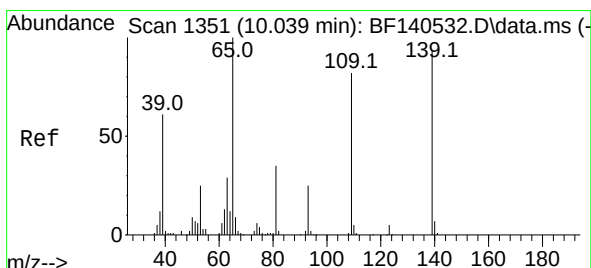
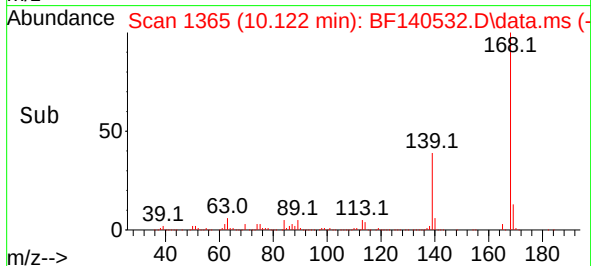
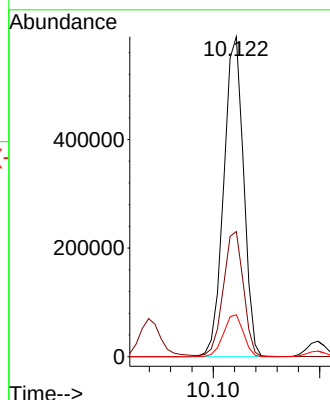
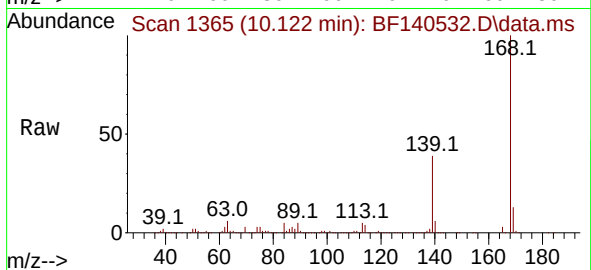
Tgt Ion:168 Resp: 760308

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 41.591 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

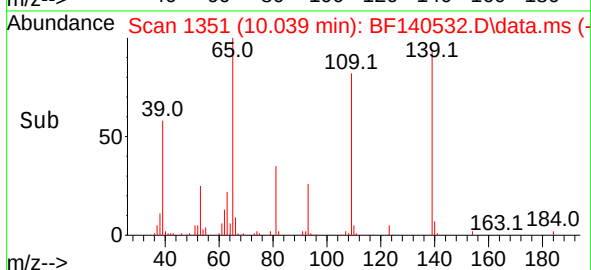
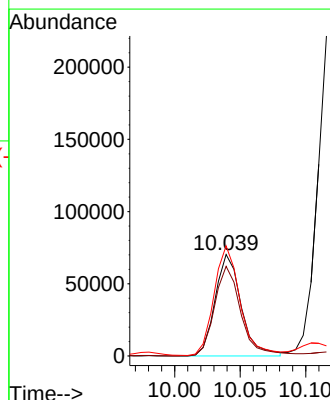
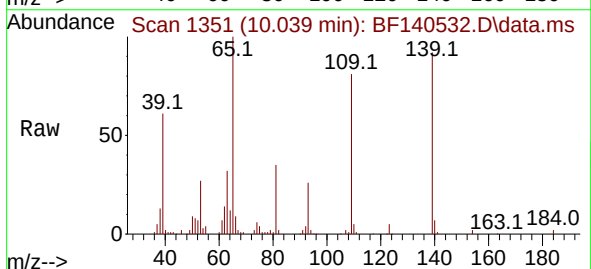
Tgt Ion:139 Resp: 97133

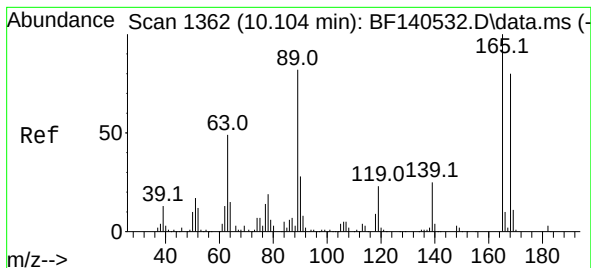
Ion Ratio Lower Upper

139 100

109 88.4 68.4 108.4

65 108.6 88.6 128.6

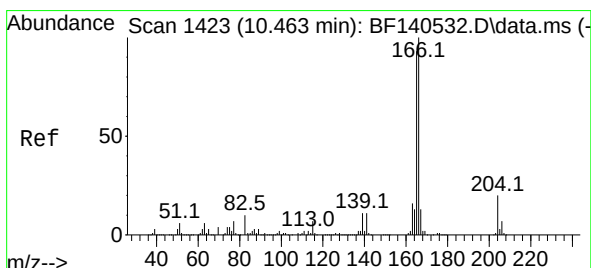
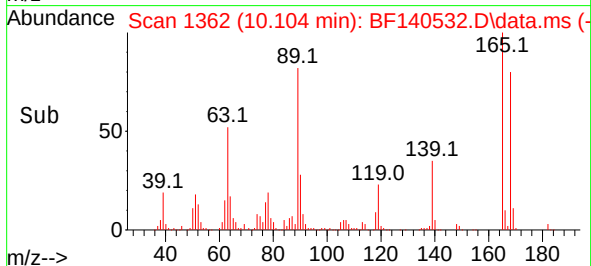
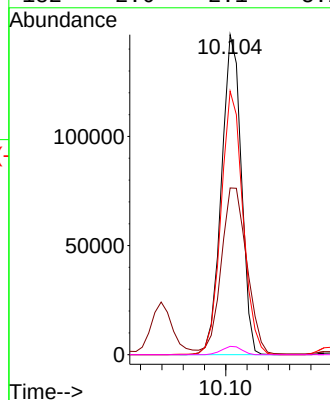
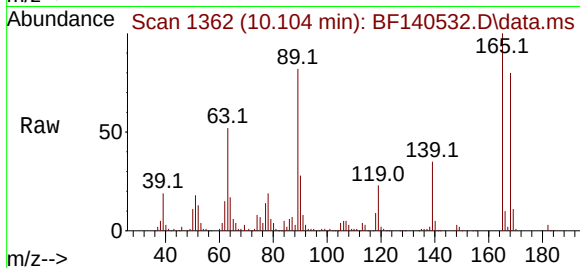




#57
2,4-Dinitrotoluene
Concen: 40.662 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

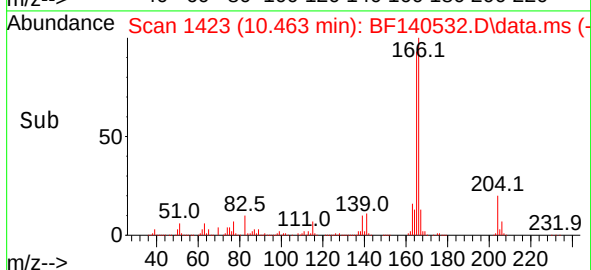
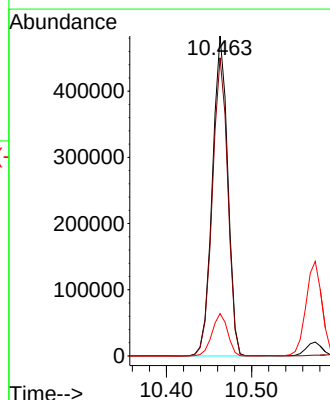
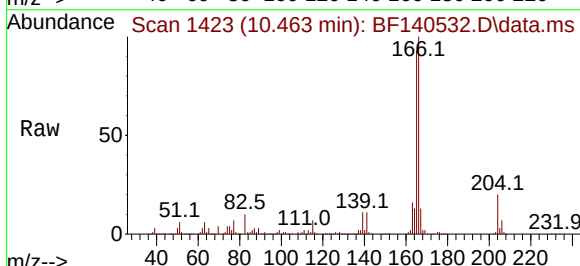
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

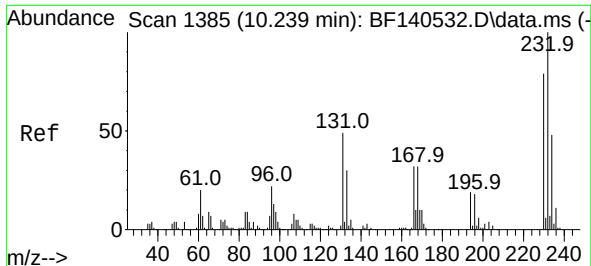
Tgt Ion:165 Resp: 189213
Ion Ratio Lower Upper
165 100
63 52.1 41.7 62.5
89 82.3 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 38.956 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:166 Resp: 607198
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.757 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 146383

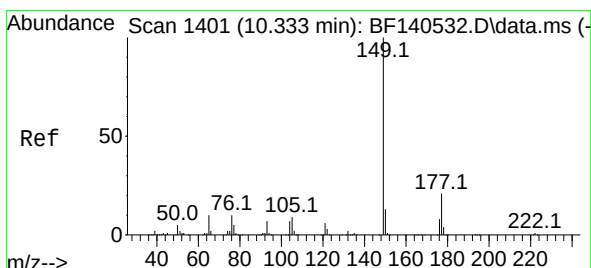
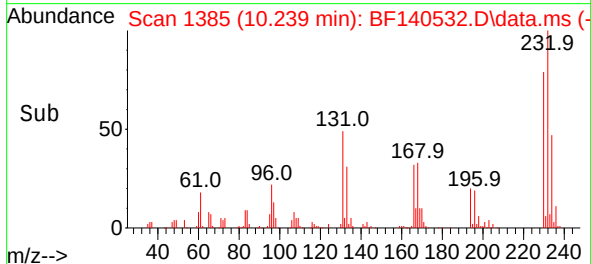
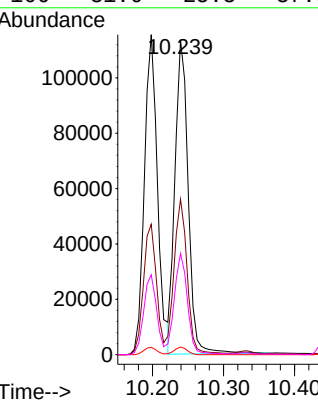
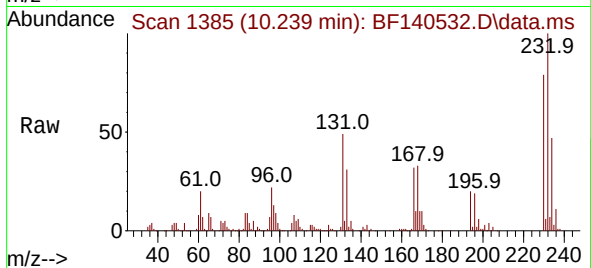
Ion Ratio Lower Upper

232 100

131 49.5 39.6 59.4

130 2.4 1.9 2.9

166 31.6 25.3 37.9



#60

Diethylphthalate

Concen: 39.176 ng

RT: 10.333 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

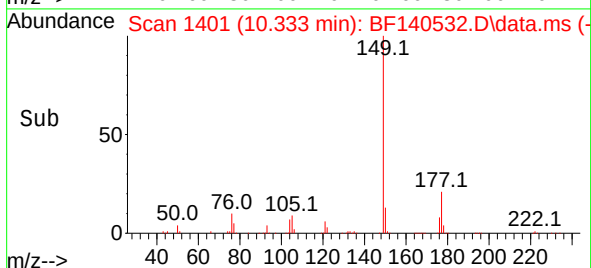
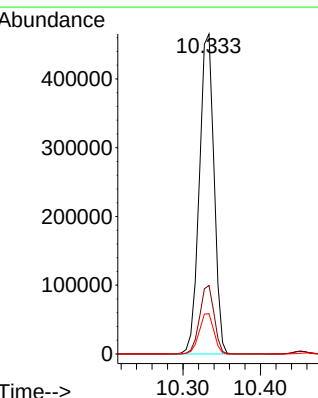
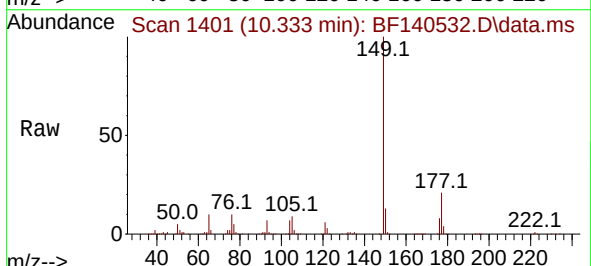
Tgt Ion:149 Resp: 614490

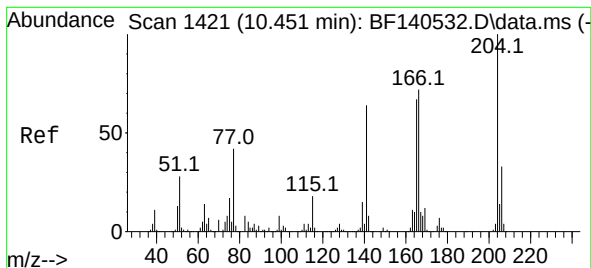
Ion Ratio Lower Upper

149 100

177 21.4 17.1 25.7

150 12.6 10.1 15.1

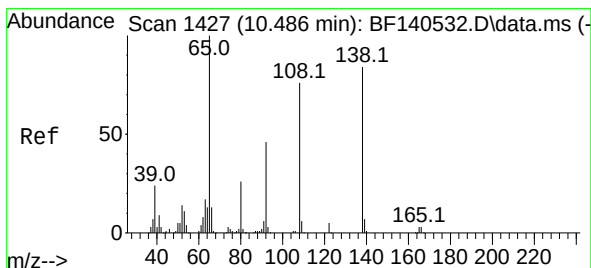
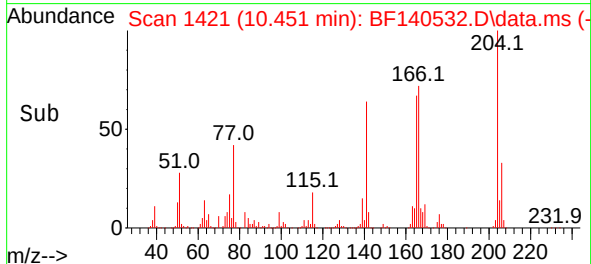
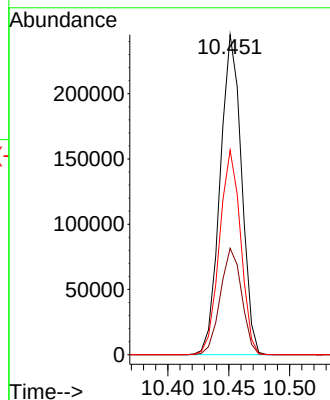
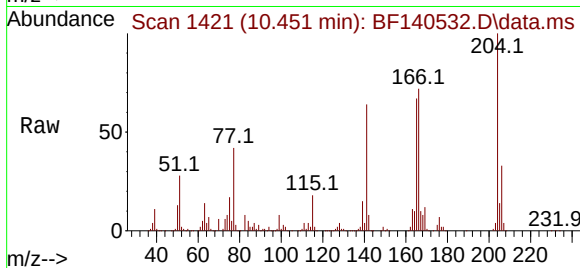




#61
4-Chlorophenyl-phenylether
Concen: 39.175 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

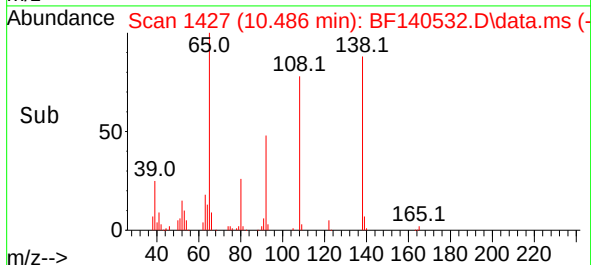
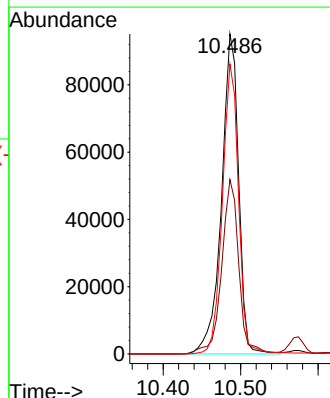
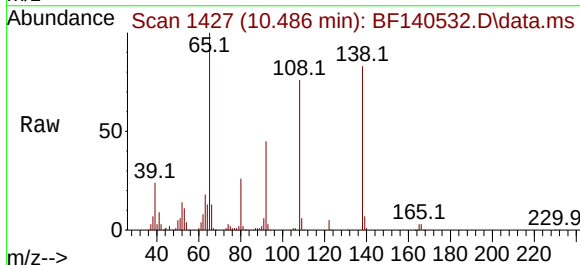
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

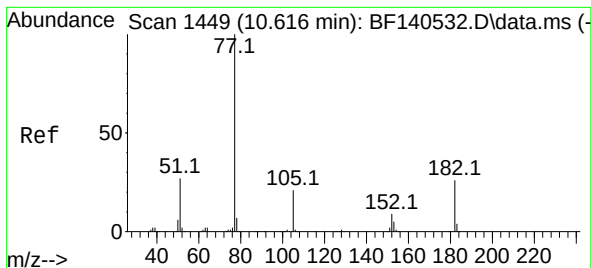
Tgt Ion:204 Resp: 299662
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 63.9 51.1 76.7



#62
4-Nitroaniline
Concen: 40.750 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:138 Resp: 146354
Ion Ratio Lower Upper
138 100
92 54.5 34.5 74.5
108 90.6 70.6 110.6





#63

Azobenzene

Concen: 38.983 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 579042

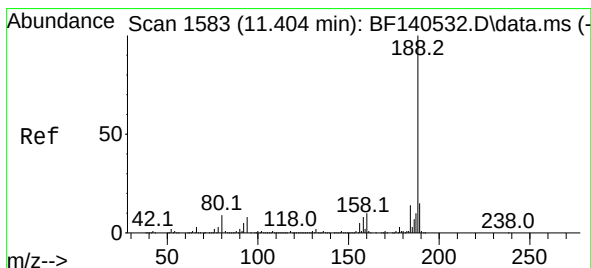
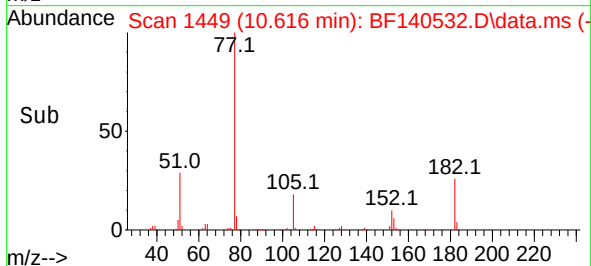
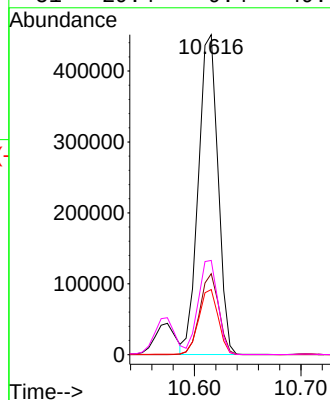
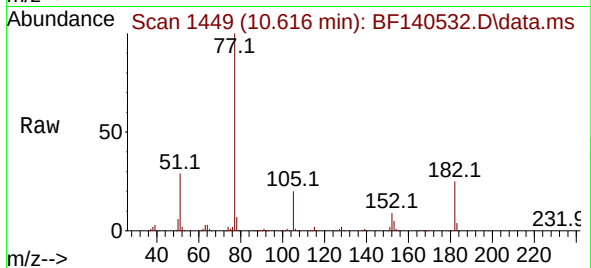
Ion Ratio Lower Upper

77 100

182 25.3 5.3 45.3

105 20.3 0.3 40.3

51 29.4 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

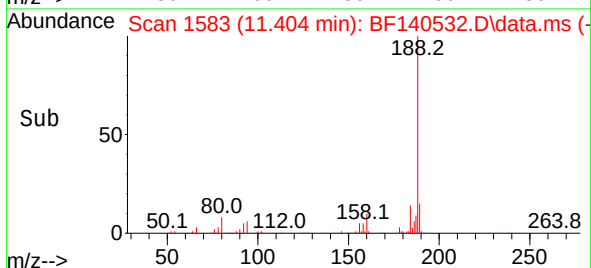
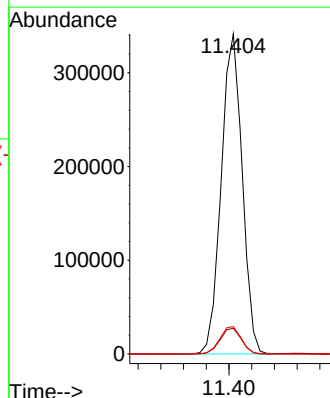
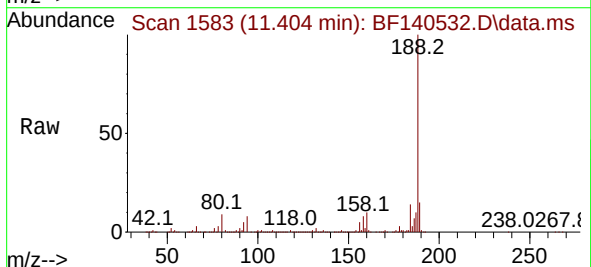
Tgt Ion:188 Resp: 437466

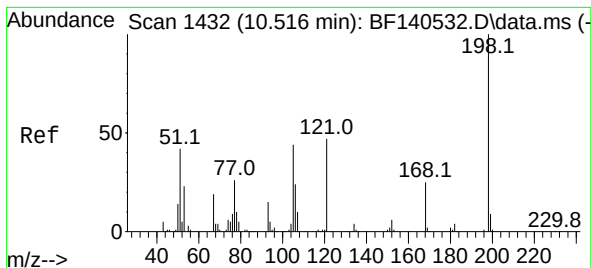
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.6 6.9 10.3

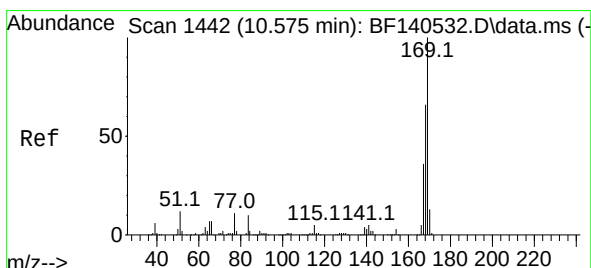
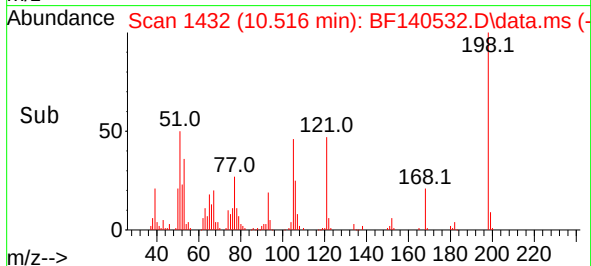
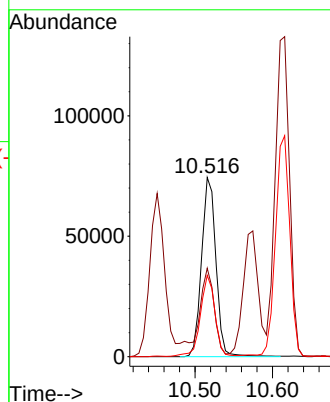
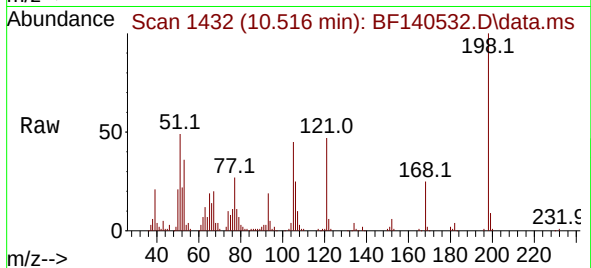




#65
4,6-Dinitro-2-methylphenol
Concen: 42.998 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

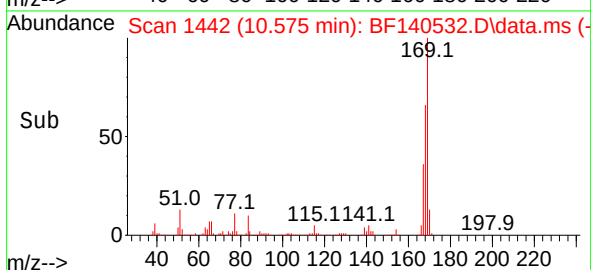
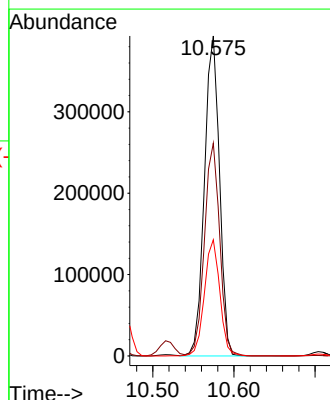
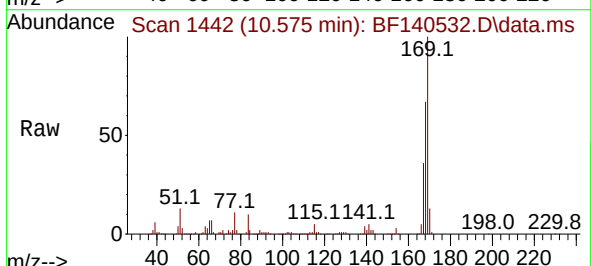
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

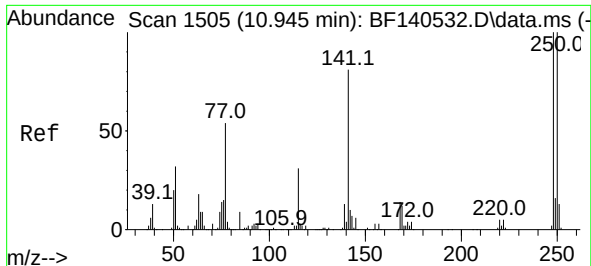
Tgt Ion:198 Resp: 96120
Ion Ratio Lower Upper
198 100
51 49.4 29.4 69.4
105 45.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 39.070 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:169 Resp: 505450
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.3 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 38.787 ng

RT: 10.945 min Scan# 1505

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

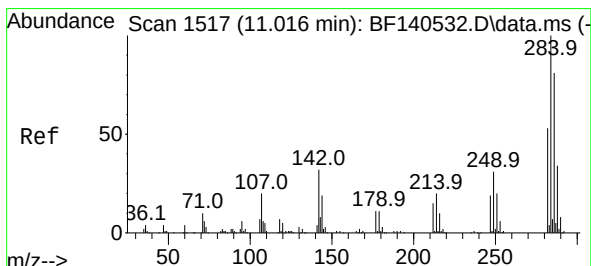
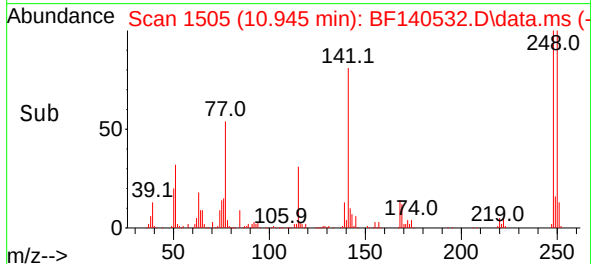
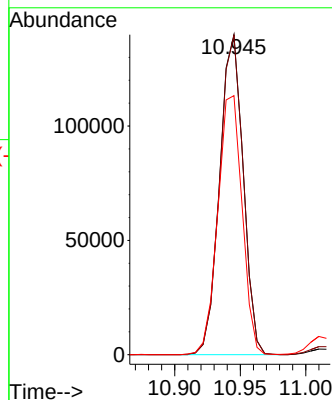
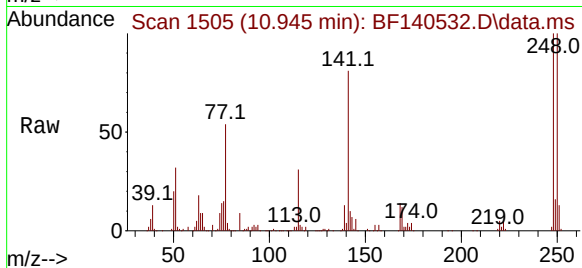
Tgt Ion:248 Resp: 174746

Ion Ratio Lower Upper

248 100

250 99.8 79.8 119.8

141 80.9 64.7 97.1



#68

Hexachlorobenzene

Concen: 39.129 ng

RT: 11.016 min Scan# 1517

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

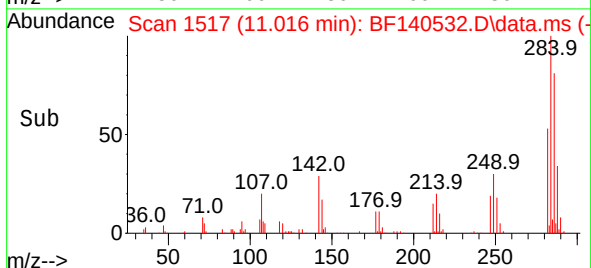
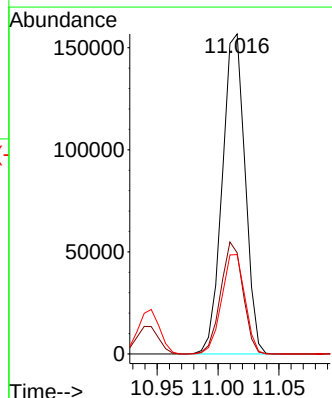
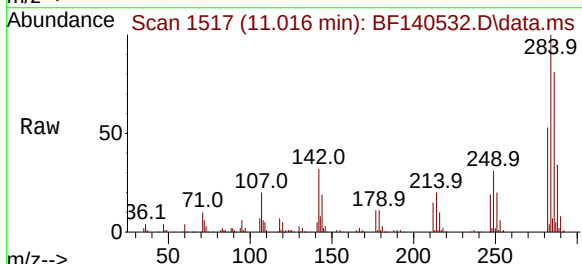
Tgt Ion:284 Resp: 204123

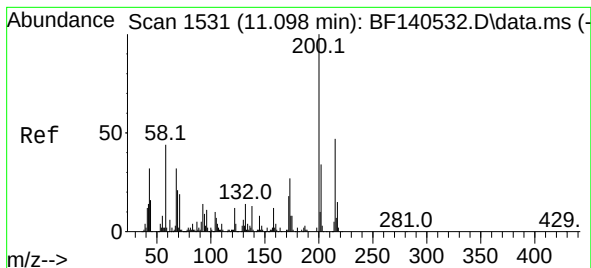
Ion Ratio Lower Upper

284 100

142 31.6 25.3 37.9

249 31.0 24.8 37.2





#69

Atrazine

Concen: 33.635 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

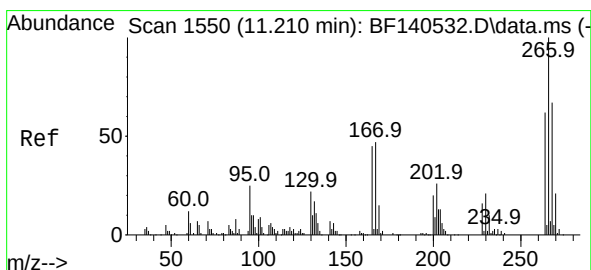
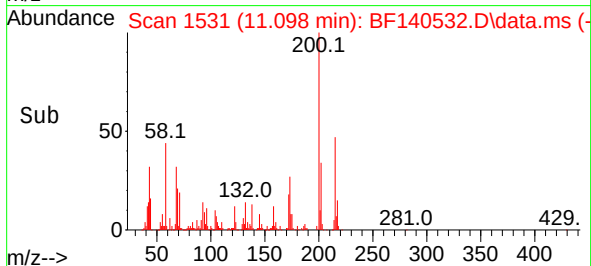
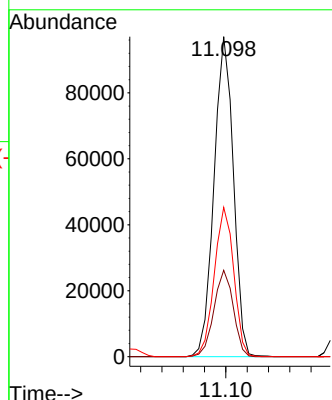
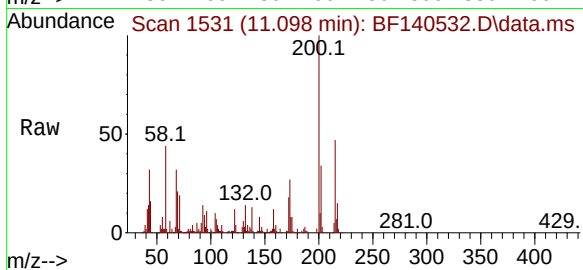
Tgt Ion:200 Resp: 122413

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 44.226 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

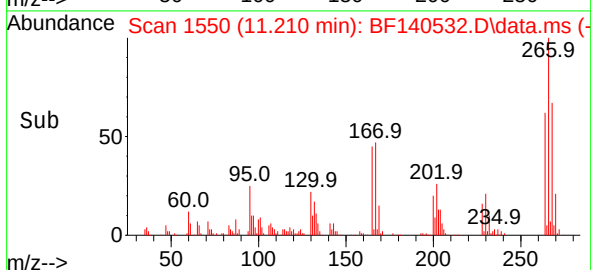
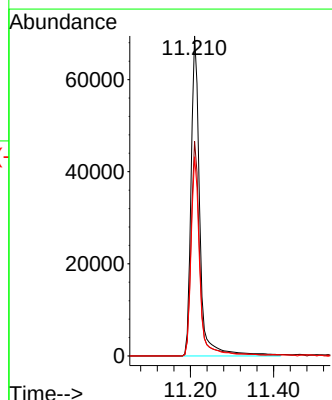
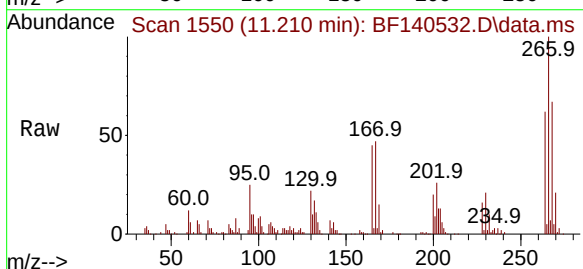
Tgt Ion:266 Resp: 101542

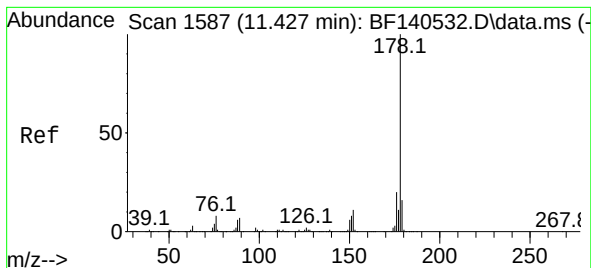
Ion Ratio Lower Upper

266 100

268 67.1 53.7 80.5

264 62.3 49.8 74.8

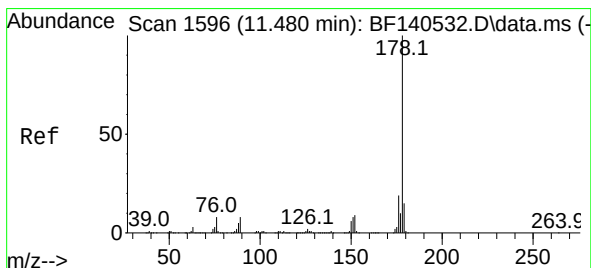
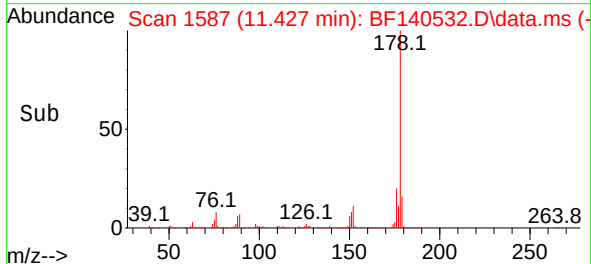
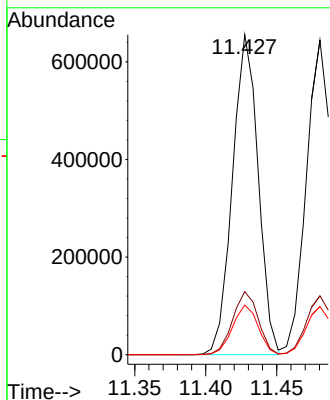
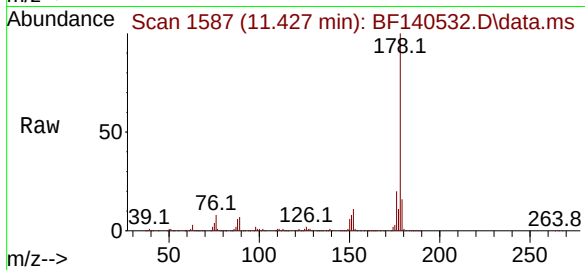




#71
Phenanthrene
Concen: 39.293 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

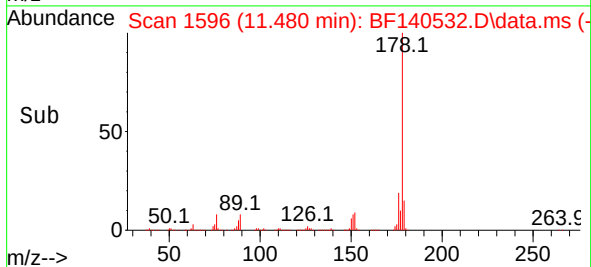
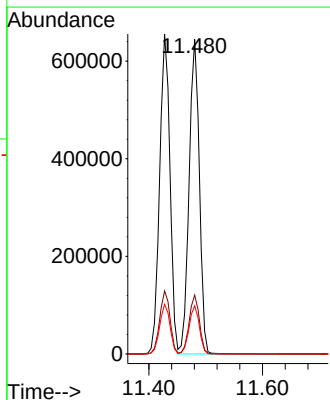
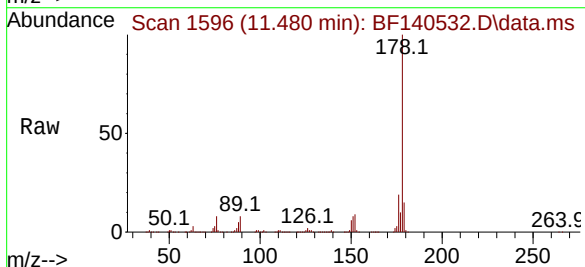
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

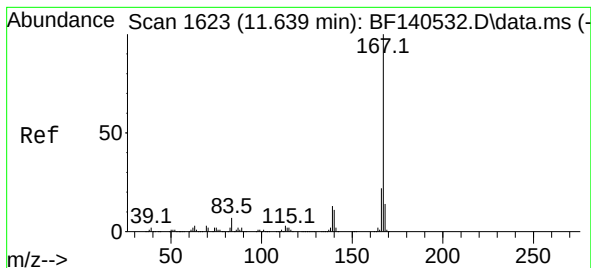
Tgt Ion:178 Resp: 826269
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 39.329 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:178 Resp: 808988
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





#73

Carbazole

Concen: 39.322 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

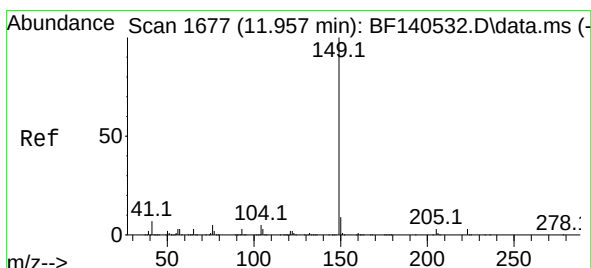
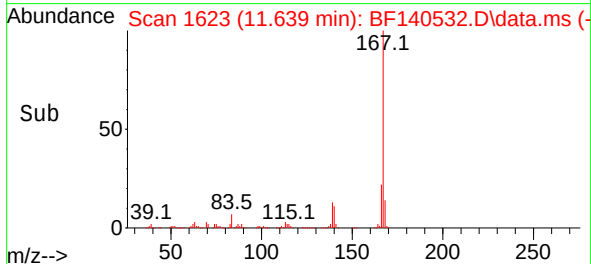
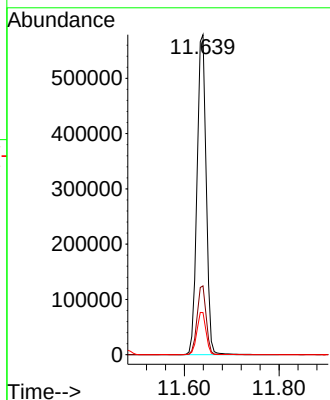
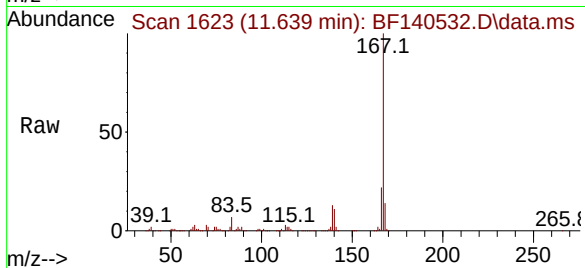
Tgt Ion:167 Resp: 778112

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 39.186 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

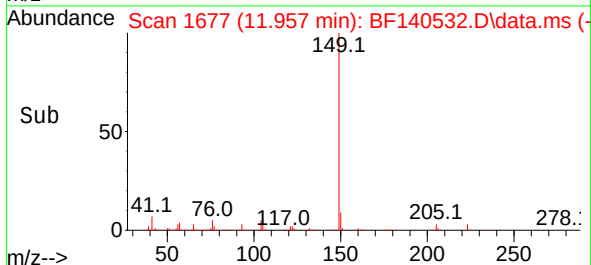
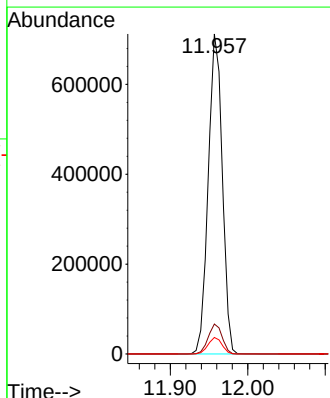
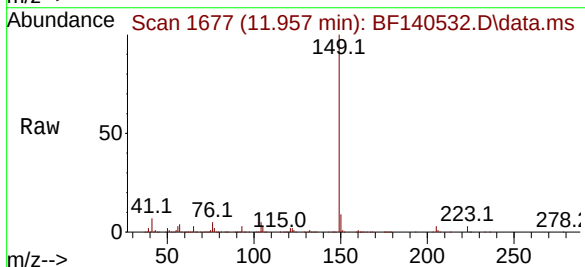
Tgt Ion:149 Resp: 895236

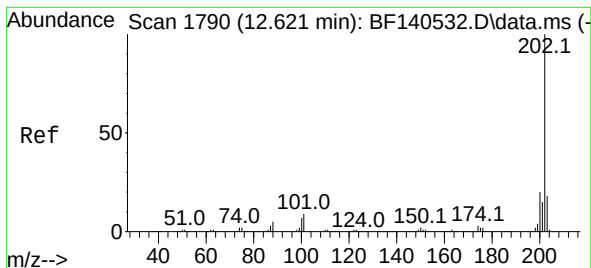
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 38.845 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

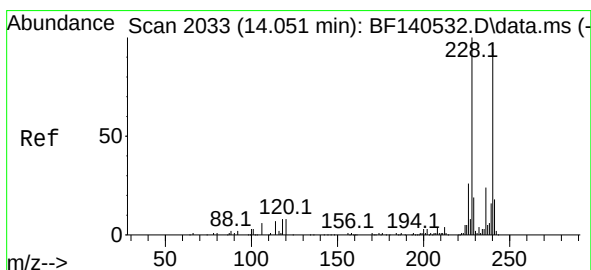
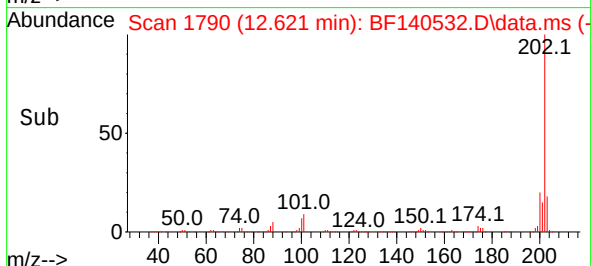
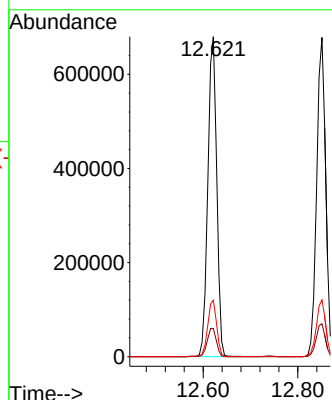
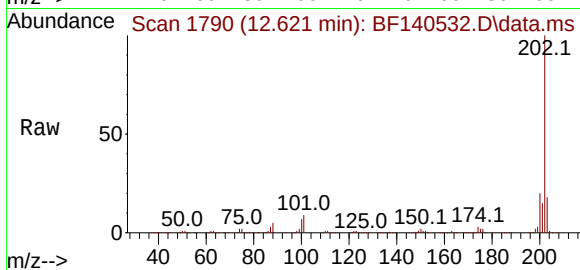
Tgt Ion:202 Resp: 886900

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.9

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

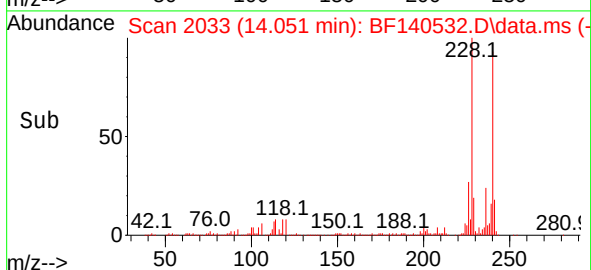
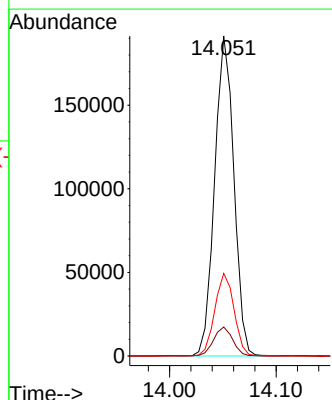
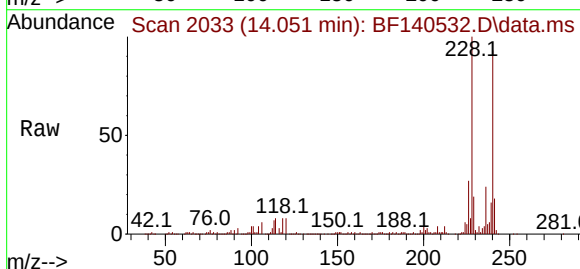
Tgt Ion:240 Resp: 239343

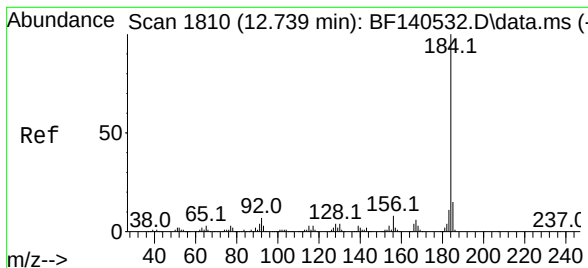
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.8 20.6 31.0





#77

Benzidine

Concen: 39.525 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

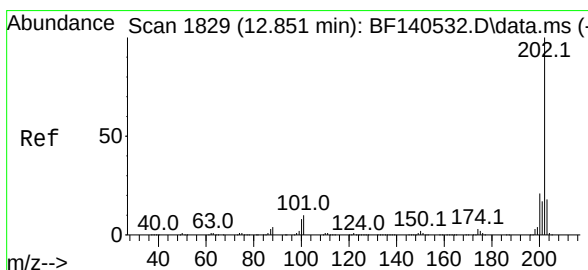
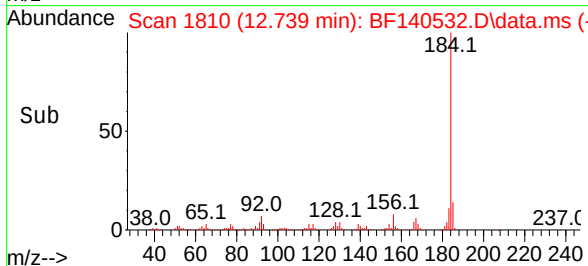
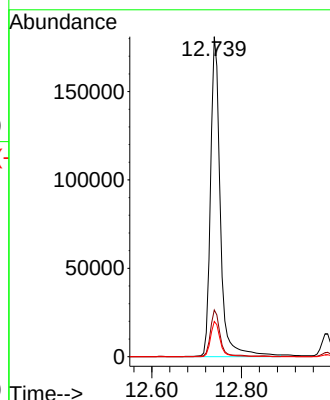
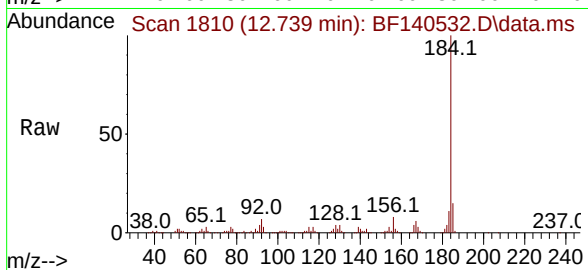
Tgt Ion:184 Resp: 275047

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.0 8.8 13.2



#78

Pyrene

Concen: 40.090 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

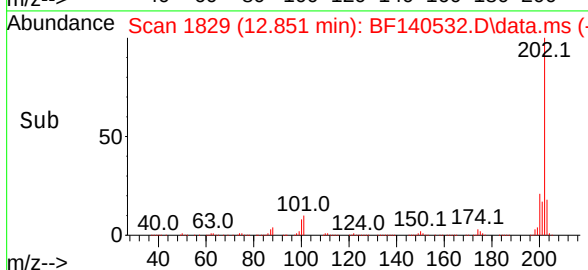
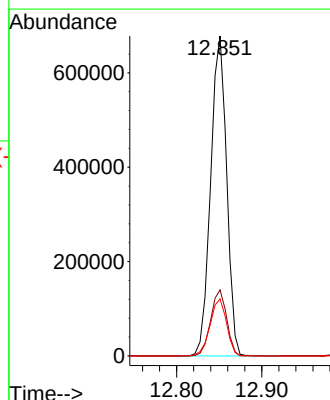
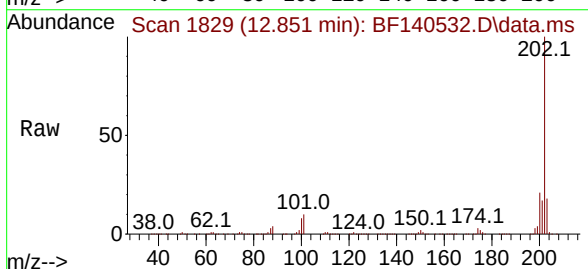
Tgt Ion:202 Resp: 887193

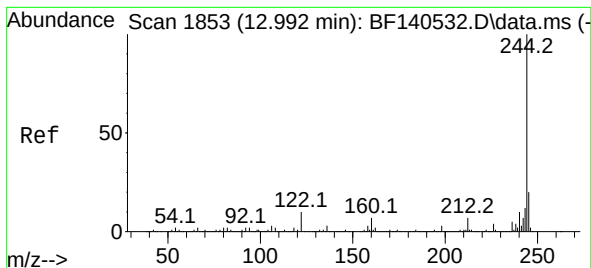
Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 79.896 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

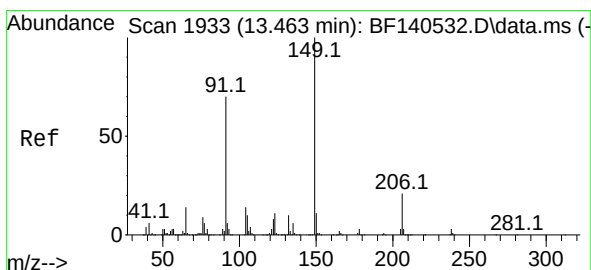
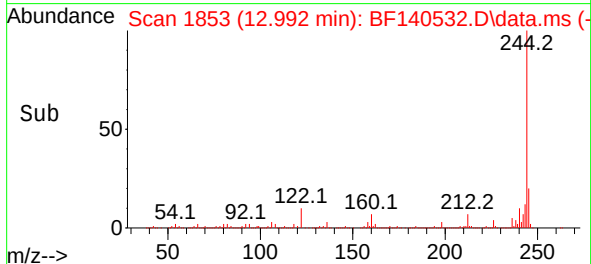
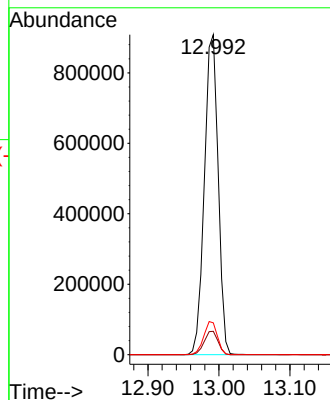
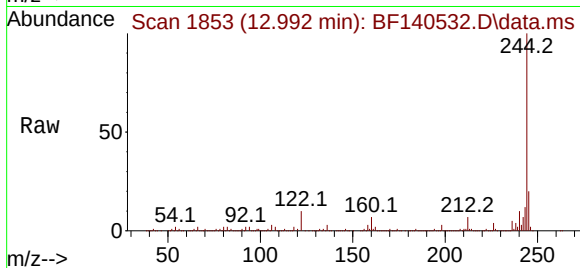
Tgt Ion:244 Resp: 1228064

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.0 8.0 12.0



#80

Butylbenzylphthalate

Concen: 40.751 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

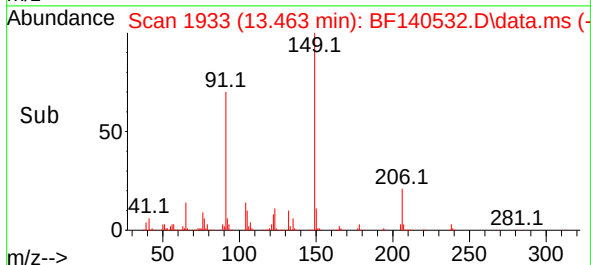
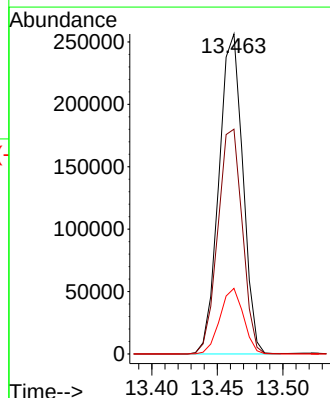
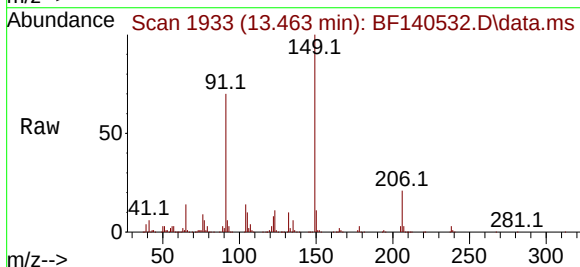
Tgt Ion:149 Resp: 324879

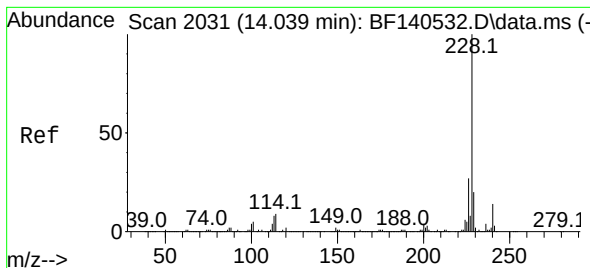
Ion Ratio Lower Upper

149 100

91 70.2 56.2 84.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.868 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

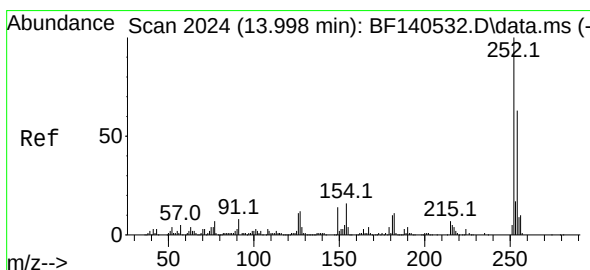
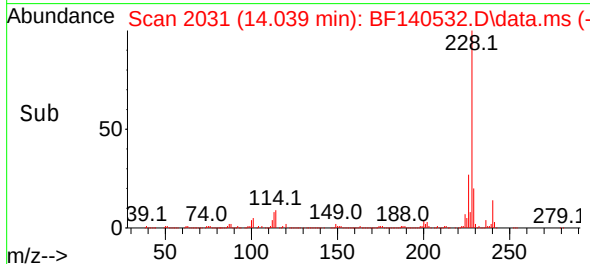
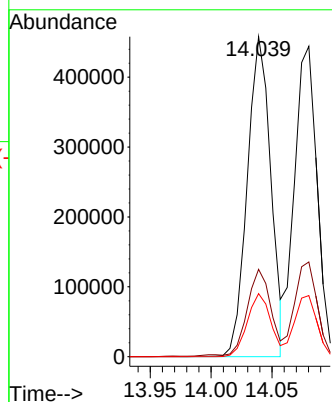
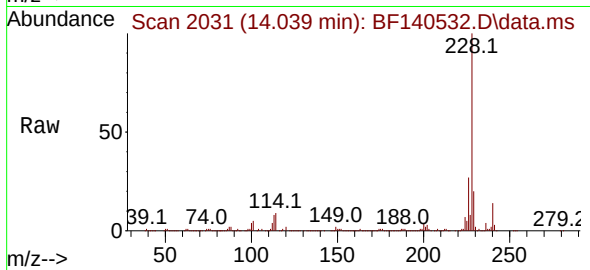
Tgt Ion:228 Resp: 615808

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 41.554 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

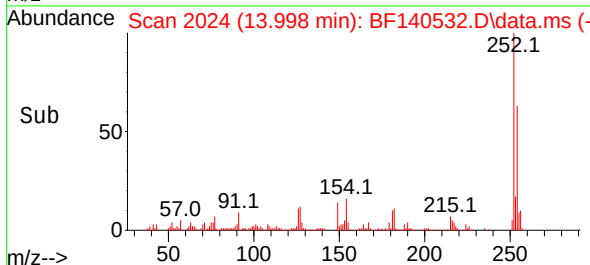
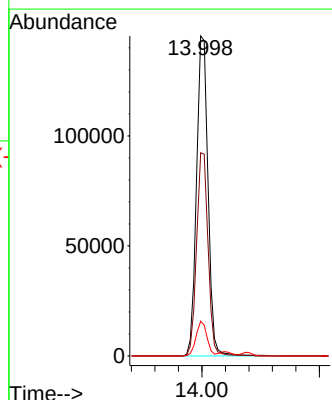
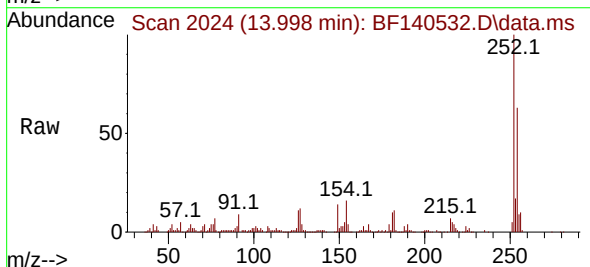
Tgt Ion:252 Resp: 197667

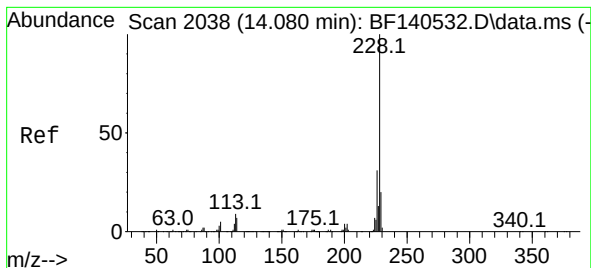
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 10.8 8.6 13.0





#83

Chrysene

Concen: 39.696 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

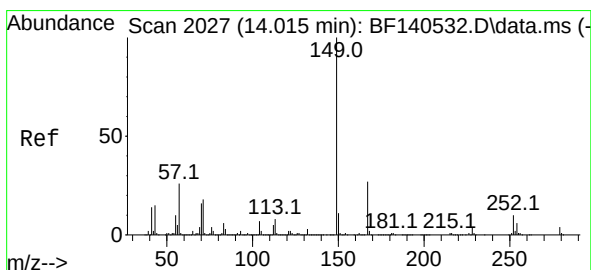
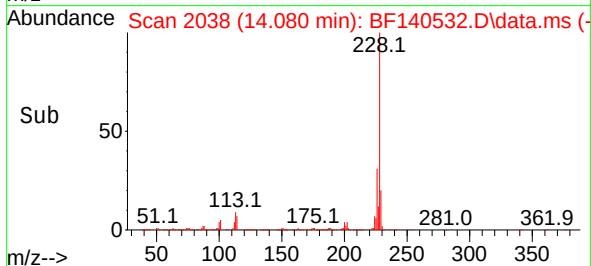
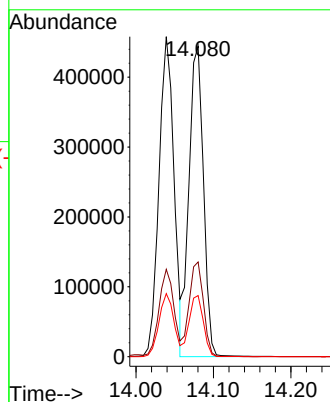
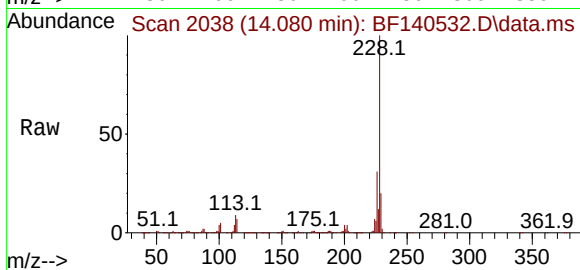
Tgt Ion:228 Resp: 575079

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.604 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

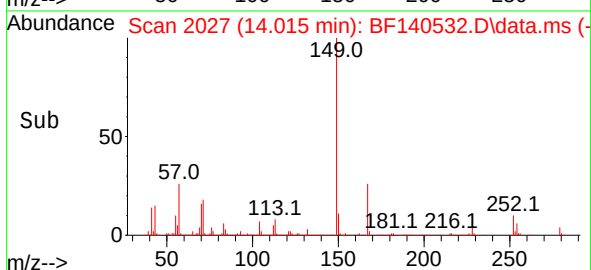
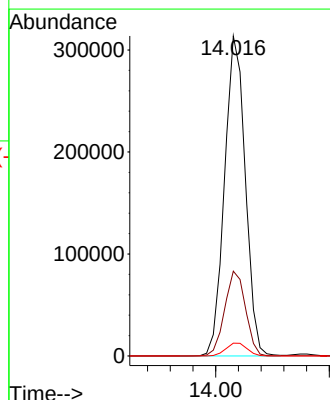
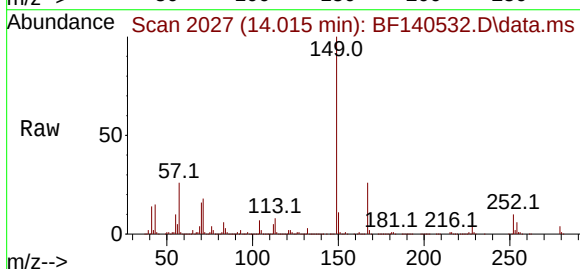
Tgt Ion:149 Resp: 398677

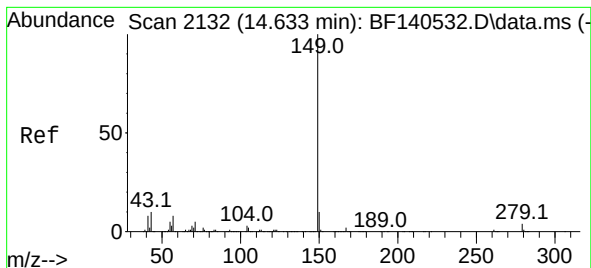
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.393 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

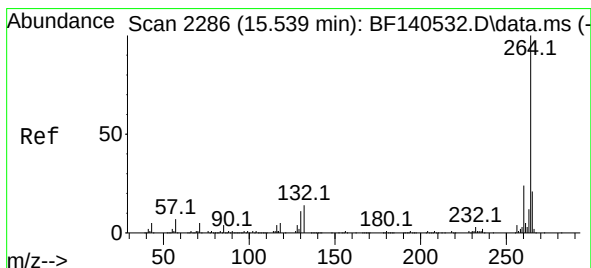
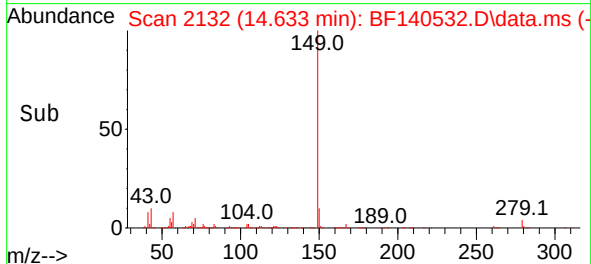
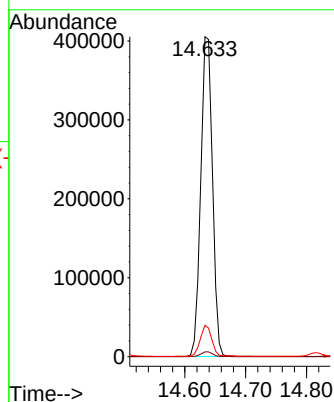
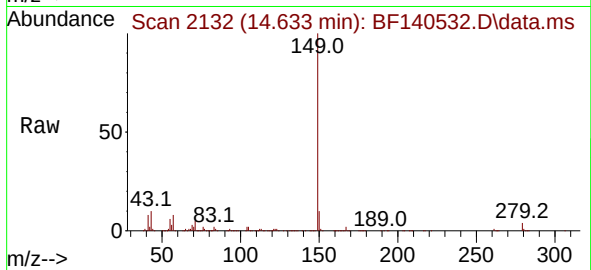
Tgt Ion:149 Resp: 541933

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

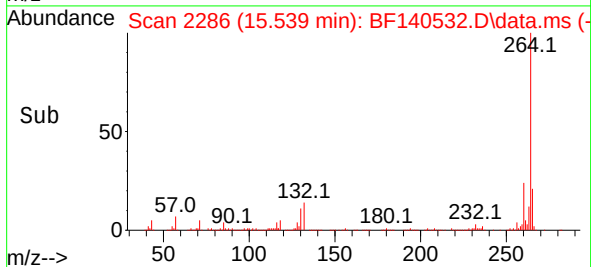
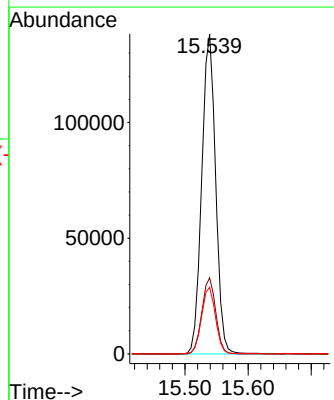
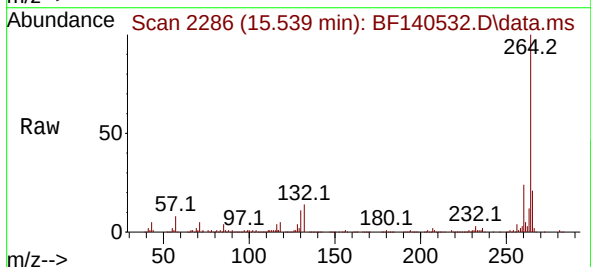
Tgt Ion:264 Resp: 211422

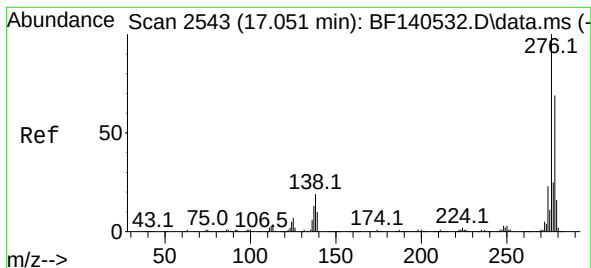
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.034 ng

RT: 17.051 min Scan# 2543

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

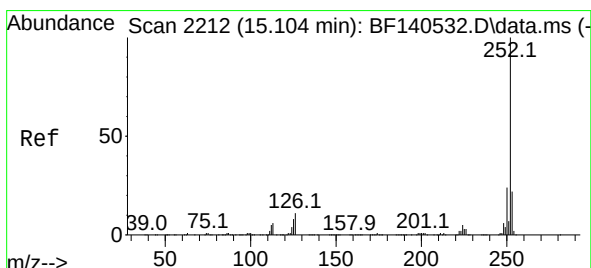
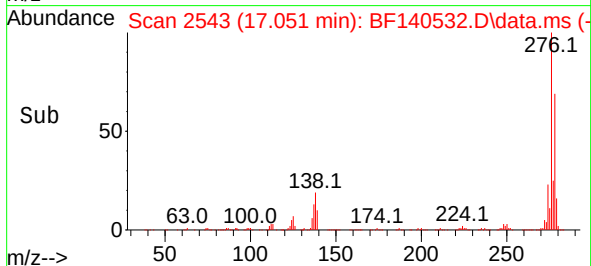
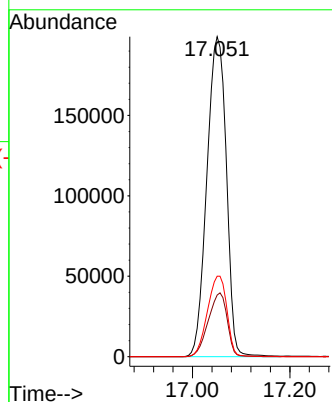
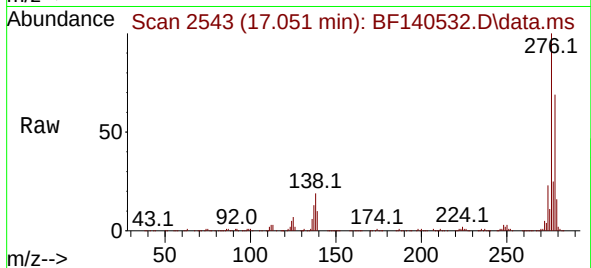
Tgt Ion:276 Resp: 551596

Ion Ratio Lower Upper

276 100

138 19.4 15.5 23.3

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 37.772 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

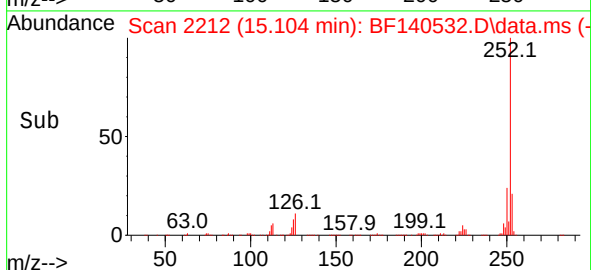
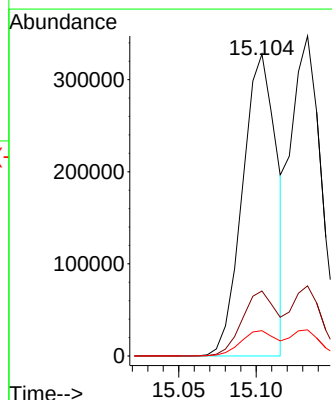
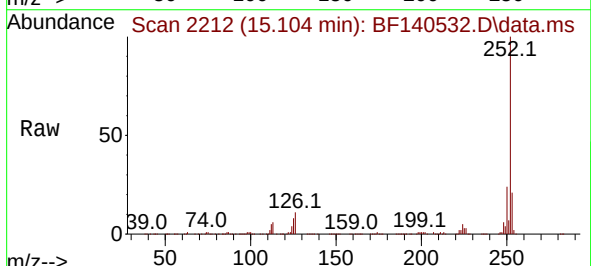
Tgt Ion:252 Resp: 501607

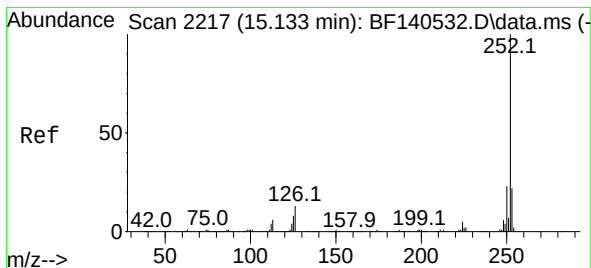
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 40.067 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

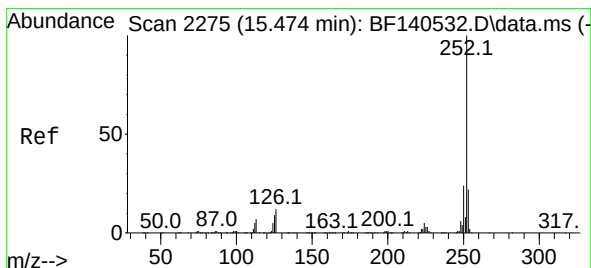
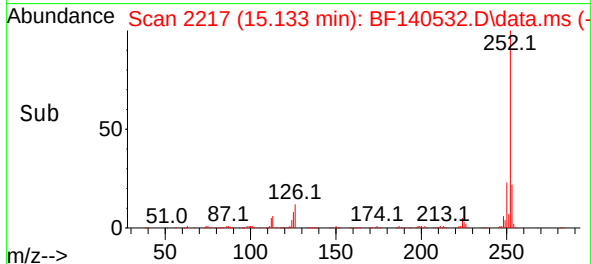
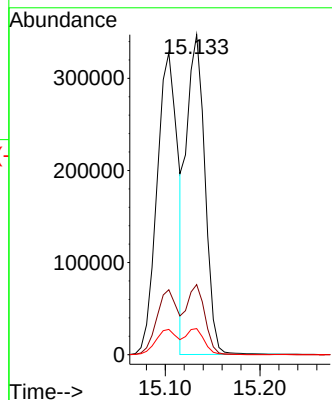
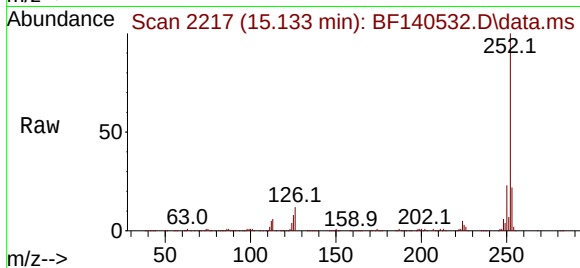
Tgt Ion:252 Resp: 465620

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.1 6.5 9.7



#90

Benzo(a)pyrene

Concen: 39.444 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.000 min

Lab File: BF140532.D

Acq: 21 Nov 2024 12:58

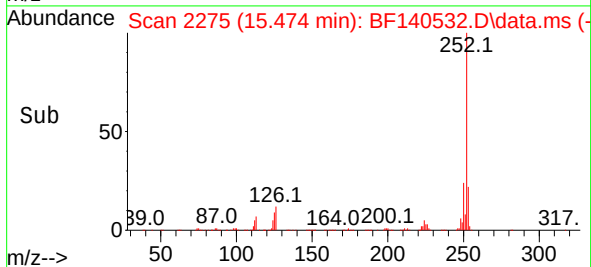
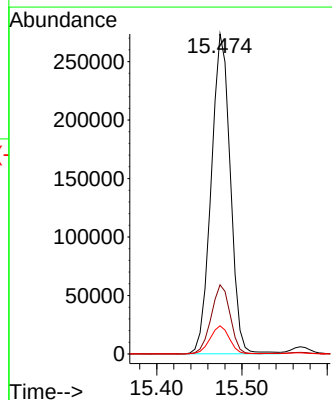
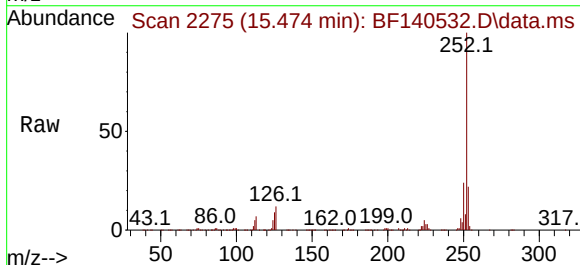
Tgt Ion:252 Resp: 425894

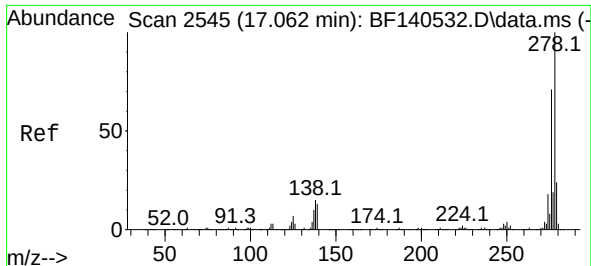
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.8 7.0 10.6

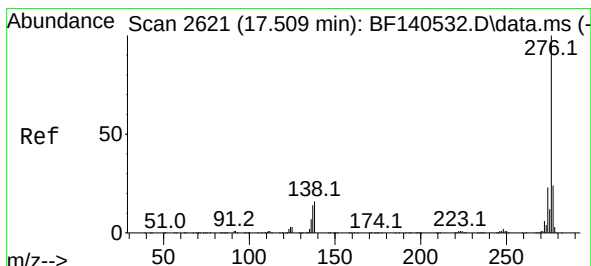
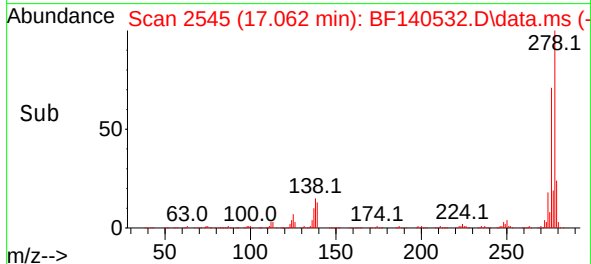
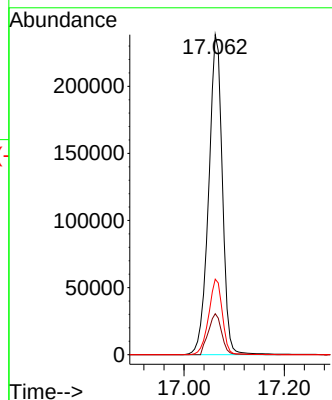
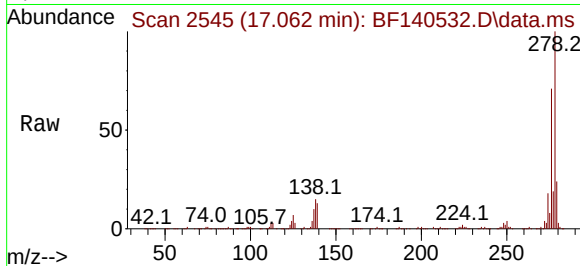




#91
Dibenzo(a,h)anthracene
Concen: 40.022 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

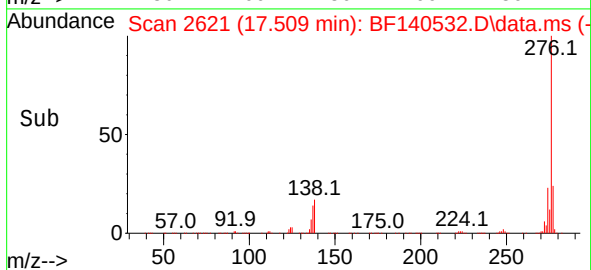
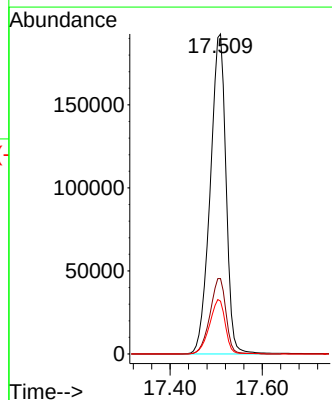
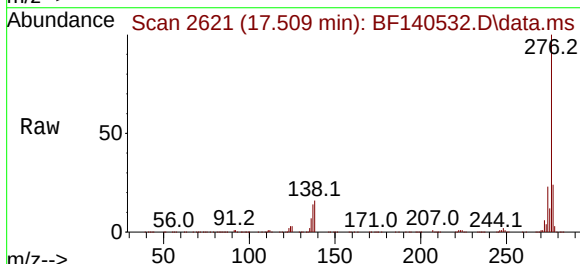
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 451597
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 39.861 ng
RT: 17.509 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BF140532.D
Acq: 21 Nov 2024 12:58

Tgt Ion:276 Resp: 458972
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 16.5 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106835	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	417612	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	239418	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	448820	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266538	20.000	ng	0.00
86) Perylene-d12	15.551	264	215076	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	494717	79.009	ng	0.00
7) Phenol-d6	6.516	99	674309	81.459	ng	0.00
23) Nitrobenzene-d5	7.439	82	644226	78.907	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204020	79.677	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1227501	76.390	ng	0.00
79) Terphenyl-d14	12.992	244	1291669	75.460	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.640	88	102768	39.036	ng 99
3) Pyridine	3.410	79	258925	44.701	ng 99
4) n-Nitrosodimethylamine	3.369	42	140208	41.184	ng 98
6) Aniline	6.539	93	274234	47.067	ng 91
8) 2-Chlorophenol	6.663	128	270746	40.191	ng 98
9) Benzaldehyde	6.428	77	161873	36.939	ng 99
10) Phenol	6.528	94	346860	41.030	ng 98
11) bis(2-Chloroethyl)ether	6.610	93	257441	39.796	ng 99
12) 1,3-Dichlorobenzene	6.816	146	300749	39.732	ng 99
13) 1,4-Dichlorobenzene	6.892	146	304030	39.668	ng 100
14) 1,2-Dichlorobenzene	7.045	146	283001	39.406	ng 98
15) Benzyl Alcohol	7.016	79	257787	41.993	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314742	41.183	ng 93
17) 2-Methylphenol	7.133	107	224359	41.606	ng 98
18) Hexachloroethane	7.381	117	114809	40.108	ng 98
19) n-Nitroso-di-n-propyla...	7.286	70	205658	42.038	ng 99
20) 3+4-Methylphenols	7.286	107	287897	41.536	ng 98
22) Acetophenone	7.281	105	396692	38.963	ng 99
24) Nitrobenzene	7.457	77	330161	39.127	ng 99
25) Isophorone	7.692	82	549222	40.332	ng 99
26) 2-Nitrophenol	7.769	139	150969	40.372	ng 98
27) 2,4-Dimethylphenol	7.810	122	177031	39.568	ng 99
28) bis(2-Chloroethoxy)met...	7.898	93	331321	39.938	ng 100
29) 2,4-Dichlorophenol	8.016	162	236857	39.952	ng 99
30) 1,2,4-Trichlorobenzene	8.098	180	263327	38.901	ng 99
31) Naphthalene	8.175	128	842187	39.152	ng 99
32) Benzoic acid	7.939	122	156794	41.429	ng 98
33) 4-Chloroaniline	8.228	127	280483	43.551	ng 99
34) Hexachlorobutadiene	8.292	225	176676	39.406	ng 99
35) Caprolactam	8.604	113	74088	40.381	ng 94
36) 4-Chloro-3-methylphenol	8.716	107	266862	40.203	ng 99
37) 2-Methylnaphthalene	8.869	142	546332	39.987	ng 99
38) 1-Methylnaphthalene	8.969	142	531502	39.688	ng 99
40) 1,2,4,5-Tetrachloroben...	9.033	216	272114	38.824	ng 100
41) Hexachlorocyclopentadiene	9.016	237	52730	37.711	ng 97
43) 2,4,6-Trichlorophenol	9.151	196	173239	39.390	ng 99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

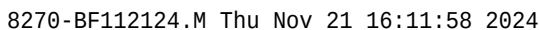
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

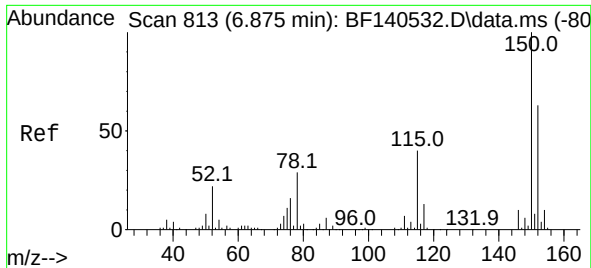
Quant Time: Nov 21 16:11:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	192368	40.302	ng	99
46) 1,1'-Biphenyl	9.333	154	693007	38.769	ng	100
47) 2-Chloronaphthalene	9.357	162	530895	39.197	ng	100
48) 2-Nitroaniline	9.457	65	174060	40.037	ng	99
49) Acenaphthylene	9.774	152	795061	38.850	ng	99
50) Dimethylphthalate	9.633	163	624268	39.591	ng	99
51) 2,6-Dinitrotoluene	9.698	165	140739	39.356	ng	100
52) Acenaphthene	9.945	154	510276	39.243	ng	100
53) 3-Nitroaniline	9.874	138	143055	40.901	ng	96
54) 2,4-Dinitrophenol	9.980	184	58542	36.341	ng	99
55) Dibenzofuran	10.122	168	766460	38.644	ng	99
56) 4-Nitrophenol	10.039	139	100812	42.263	ng	99
57) 2,4-Dinitrotoluene	10.104	165	194980	41.025	ng	98
58) Fluorene	10.463	166	622708	39.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	153327	41.797	ng	97
60) Diethylphthalate	10.333	149	626046	39.078	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	308891	39.536	ng	99
62) 4-Nitroaniline	10.486	138	148087	40.369	ng	99
63) Azobenzene	10.616	77	597687	39.396	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94340	41.134	ng	99
66) n-Nitrosodiphenylamine	10.574	169	513960	38.723	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	180160	38.977	ng	99
68) Hexachlorobenzene	11.016	284	208589	38.974	ng	99
69) Atrazine	11.098	200	129353	34.643	ng	99
70) Pentachlorophenol	11.210	266	100767	42.779	ng	98
71) Phenanthrene	11.427	178	838392	38.861	ng	99
72) Anthracene	11.480	178	819442	38.829	ng	100
73) Carbazole	11.639	167	795975	39.207	ng	100
74) Di-n-butylphthalate	11.963	149	932026	39.765	ng	99
75) Fluoranthene	12.621	202	937019	40.002	ng	100
77) Benzidine	12.745	184	304946	39.351	ng	99
78) Pyrene	12.851	202	941890	38.219	ng	99
80) Butylbenzylphthalate	13.463	149	359930	40.542	ng	97
81) Benzo(a)anthracene	14.045	228	700865	39.723	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	217249	41.011	ng	99
83) Chrysene	14.080	228	635750	39.406	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	468853	41.823	ng	99
85) Di-n-octyl phthalate	14.645	149	673561	43.965	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	546567	38.995	ng	99
88) Benzo(b)fluoranthene	15.109	252	551853	40.850	ng	100
89) Benzo(k)fluoranthene	15.145	252	474176	40.110	ng	100
90) Benzo(a)pyrene	15.486	252	439811	40.041	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	459746	40.052	ng	100
92) Benzo(g,h,i)perylene	17.521	276	463747	39.591	ng	99

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

Quant Time: Nov 21 16:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

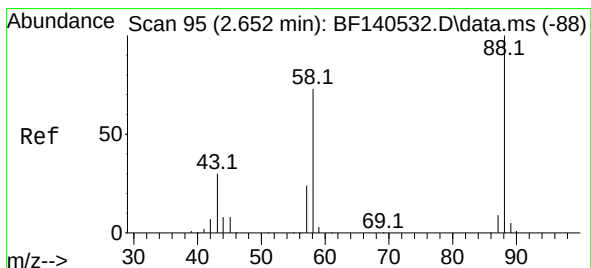
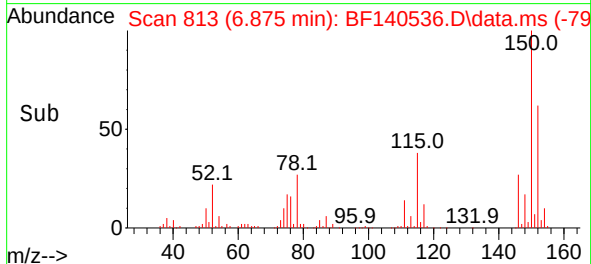
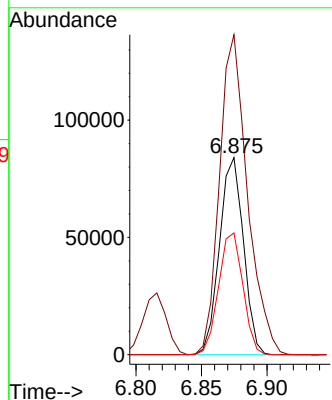
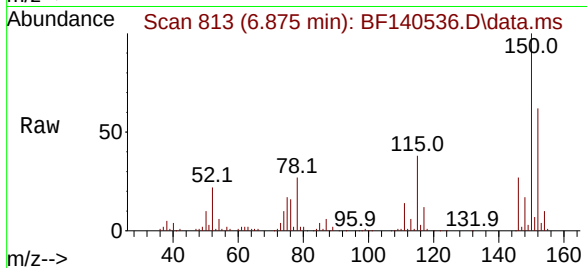




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07

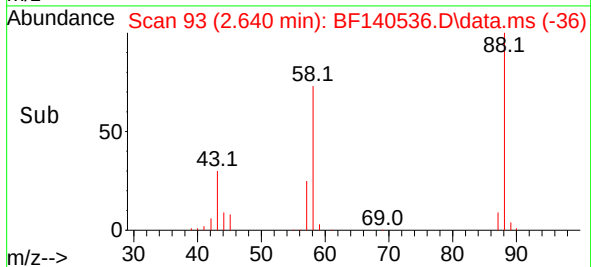
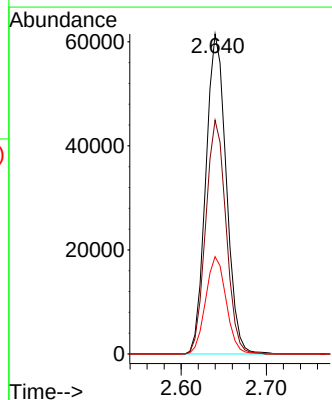
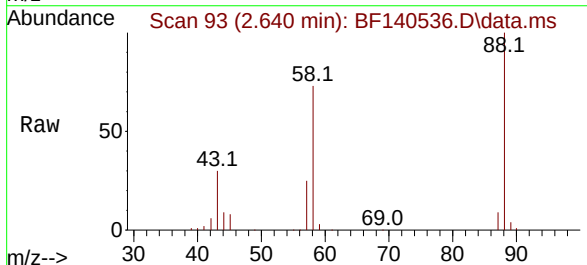
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124

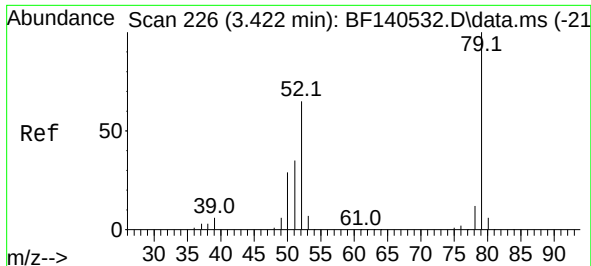
Tgt Ion:152 Resp: 106835
 Ion Ratio Lower Upper
 152 100
 150 162.4 128.5 192.7
 115 61.8 50.2 75.4



#2
 1,4-Dioxane
 Concen: 39.036 ng
 RT: 2.640 min Scan# 93
 Delta R.T. -0.012 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07

Tgt Ion: 88 Resp: 102768
 Ion Ratio Lower Upper
 88 100
 58 72.6 57.4 86.2
 43 30.5 24.3 36.5





#3

Pyridine

Concen: 44.701 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

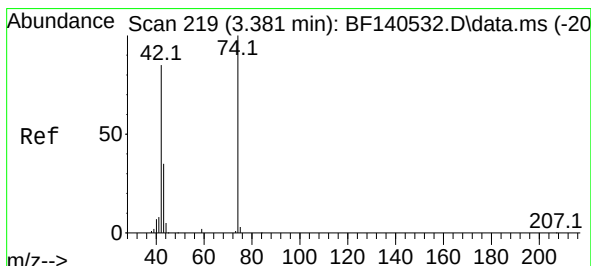
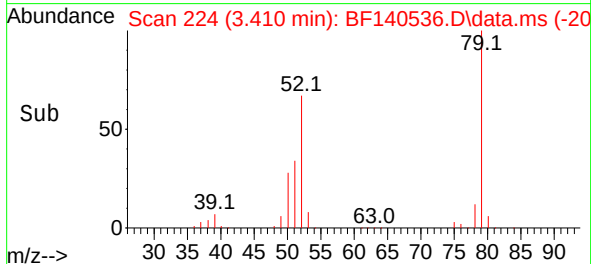
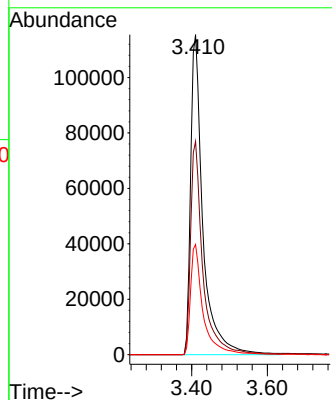
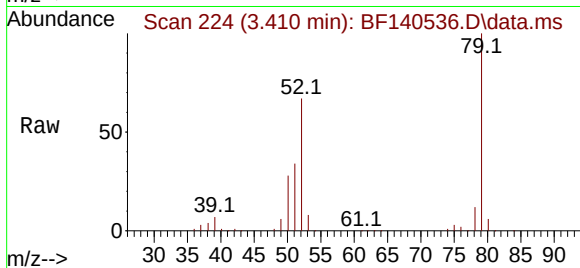
Tgt Ion: 79 Resp: 258925

Ion Ratio Lower Upper

79 100

52 66.6 52.1 78.1

51 34.4 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.184 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

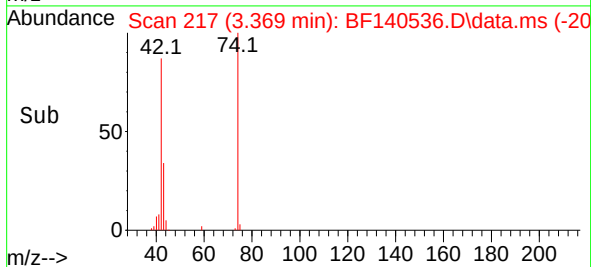
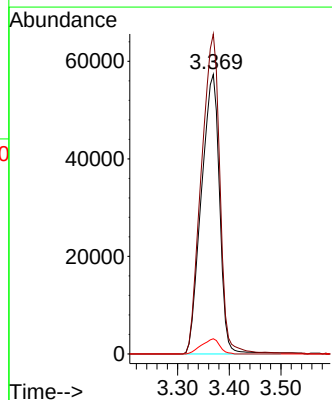
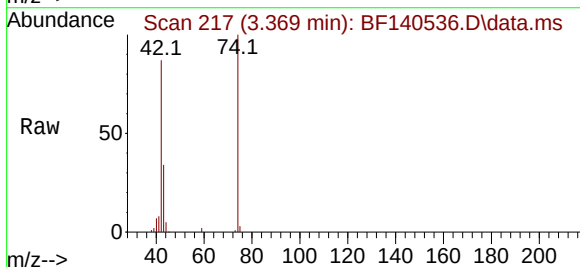
Tgt Ion: 42 Resp: 140208

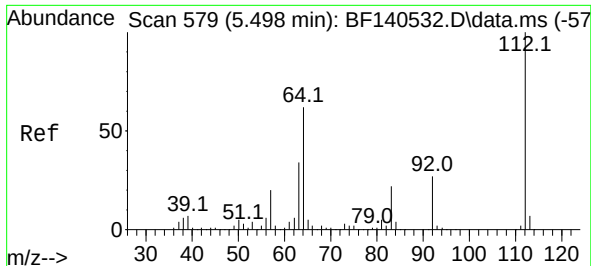
Ion Ratio Lower Upper

42 100

74 114.5 93.8 140.6

44 5.5 4.6 6.8

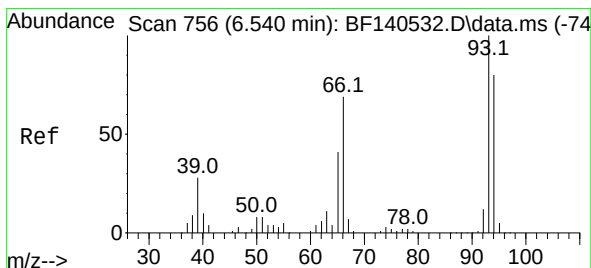
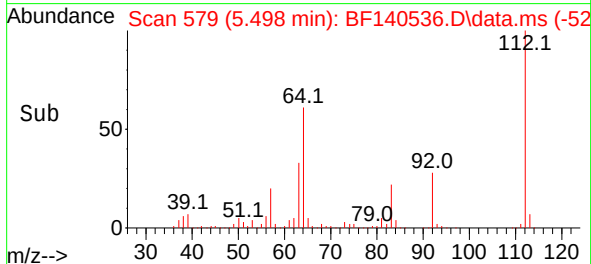
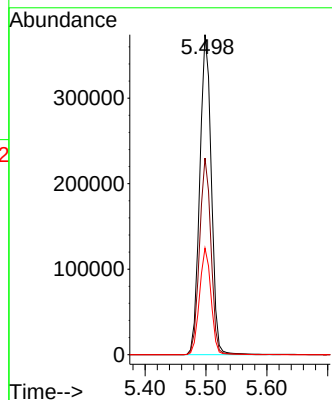
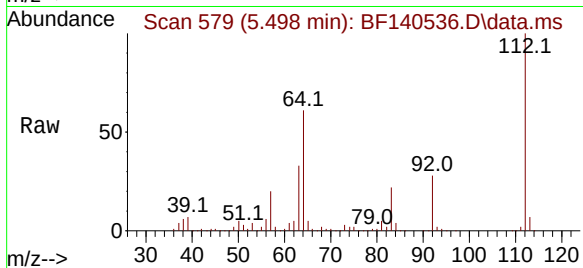




#5
2-Fluorophenol
Concen: 79.009 ng
RT: 5.498 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

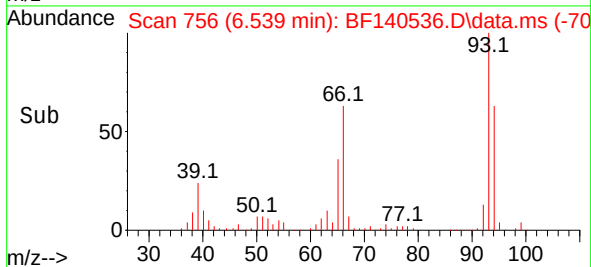
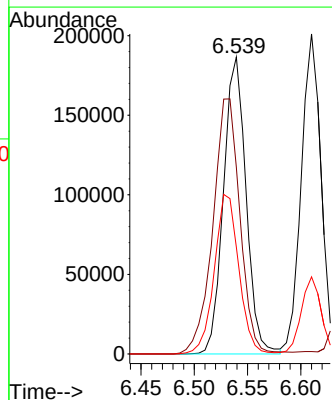
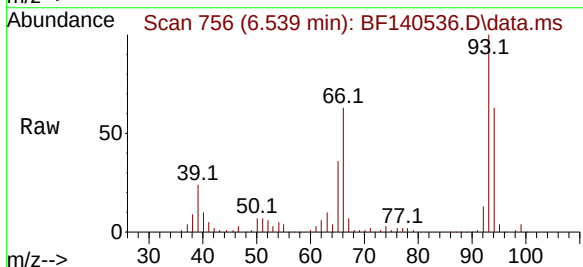
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

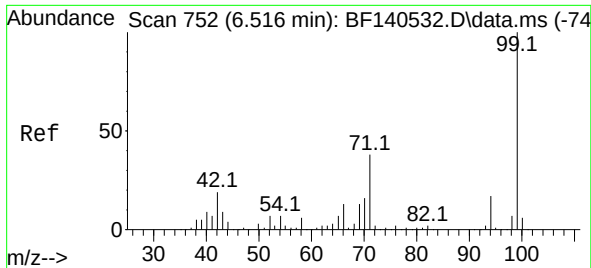
Tgt Ion:112 Resp: 494717
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.3 27.0 40.4



#6
Aniline
Concen: 47.067 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 93 Resp: 274234
Ion Ratio Lower Upper
93 100
66 62.8 56.5 84.7
65 35.9 32.9 49.3





#7

Phenol-d6

Concen: 81.459 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

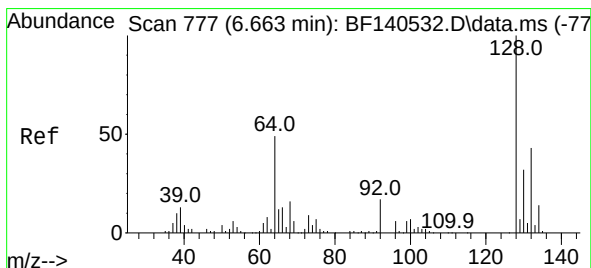
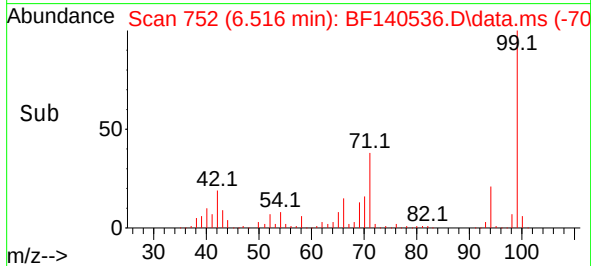
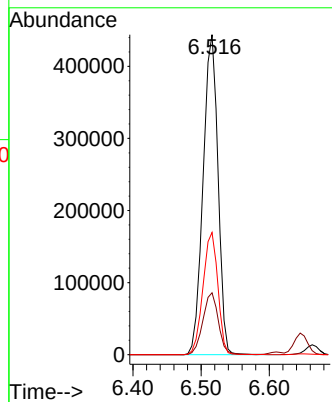
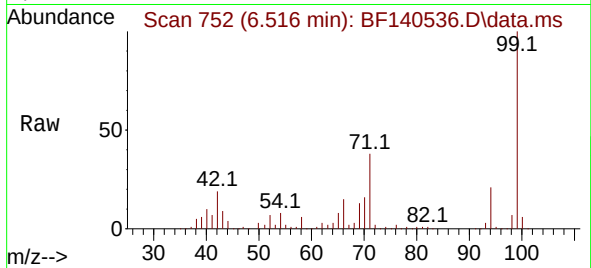
Tgt Ion: 99 Resp: 674309

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.0

71 38.2 30.6 46.0



#8

2-Chlorophenol

Concen: 40.191 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

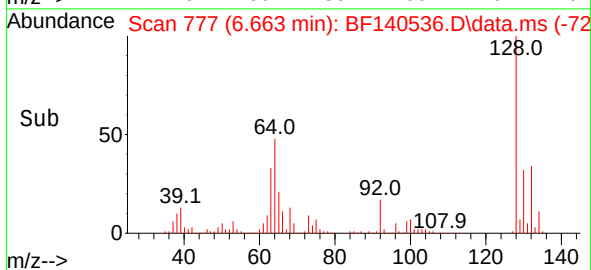
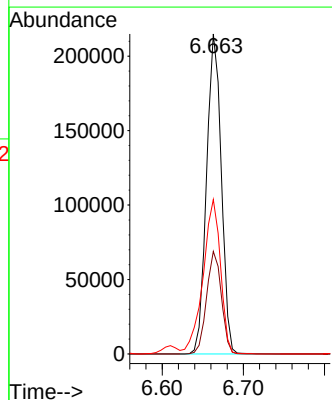
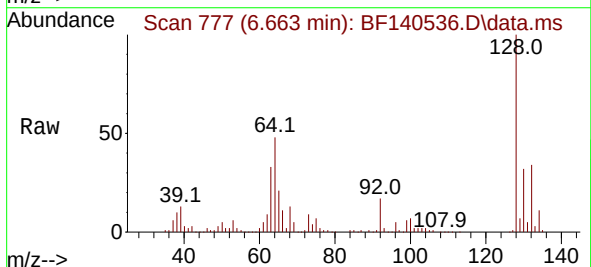
Tgt Ion:128 Resp: 270746

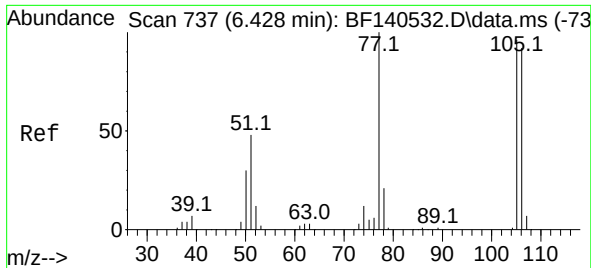
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 48.3 30.2 70.2



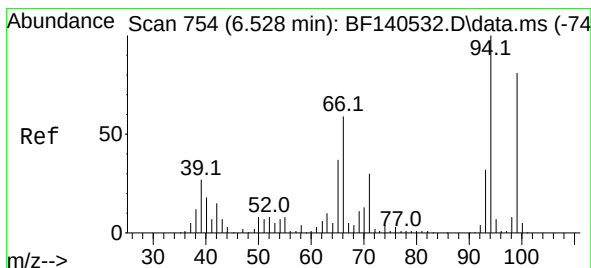
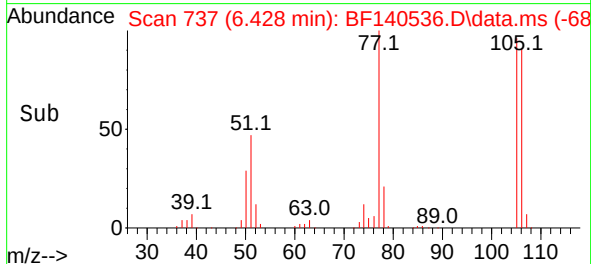
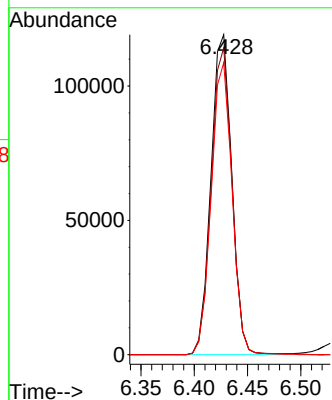
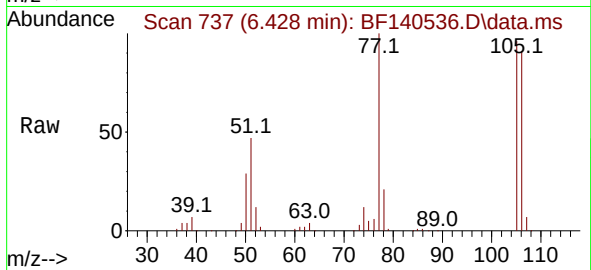


#9
Benzaldehyde
Concen: 36.939 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion: 77 Resp: 161873

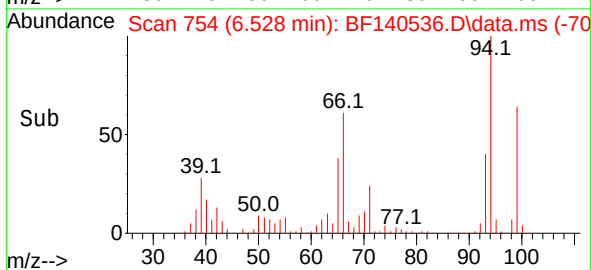
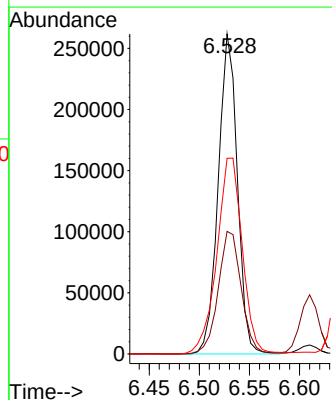
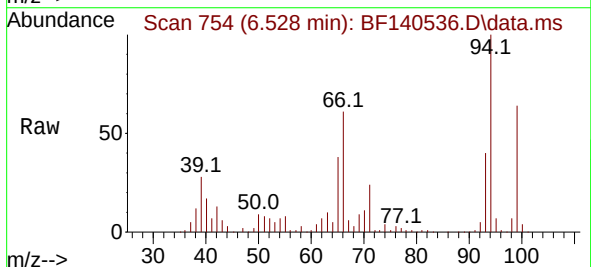
Ion	Ratio	Lower	Upper
77	100		
105	95.9	75.6	115.6
106	91.2	72.0	112.0

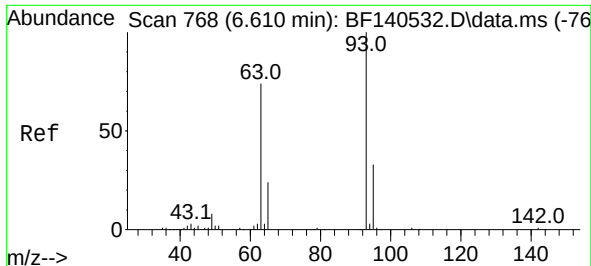


#10
Phenol
Concen: 41.030 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 94 Resp: 346860

Ion	Ratio	Lower	Upper
94	100		
65	38.3	17.2	57.2
66	61.2	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 39.796 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

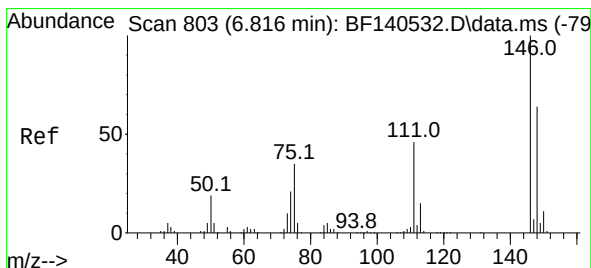
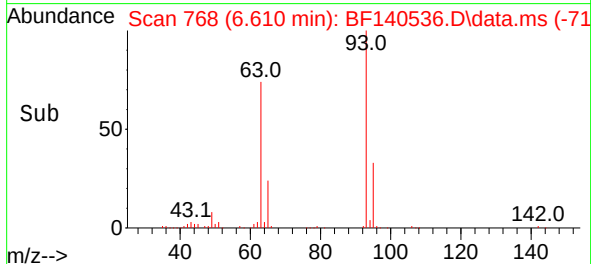
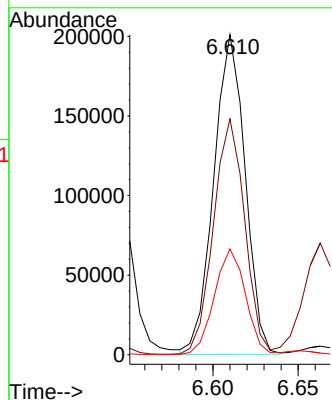
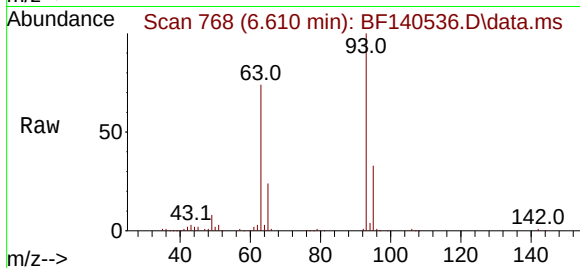
Tgt Ion: 93 Resp: 257441

Ion Ratio Lower Upper

93 100

63 73.7 52.8 92.8

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.732 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

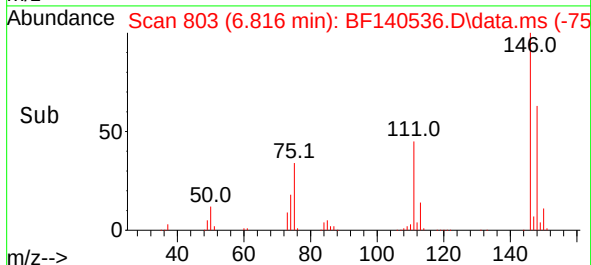
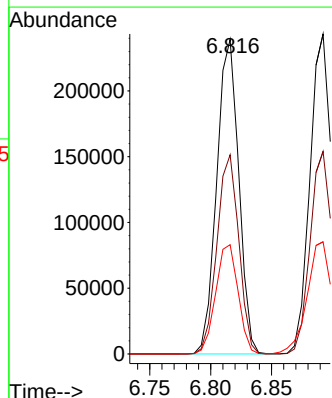
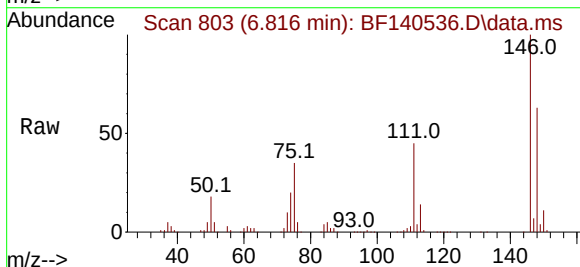
Tgt Ion:146 Resp: 300749

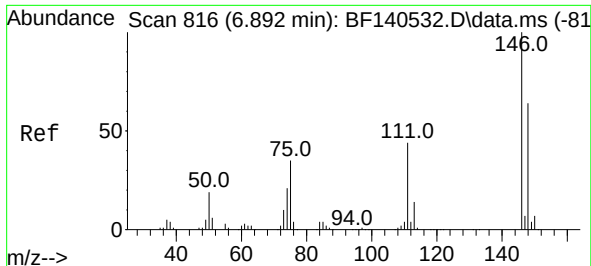
Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

75 34.7 28.2 42.2

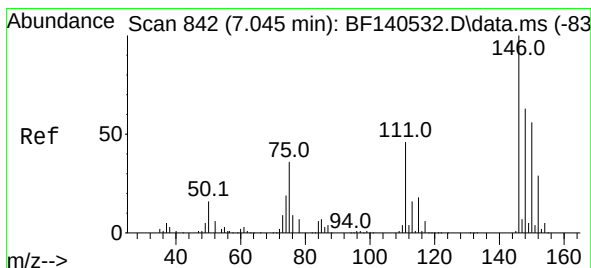
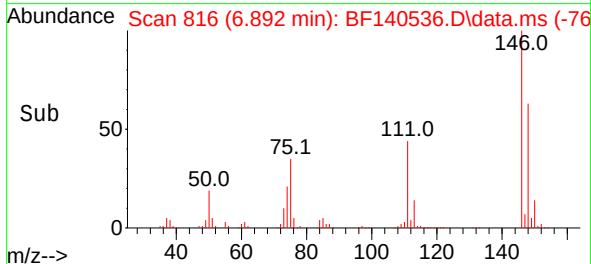
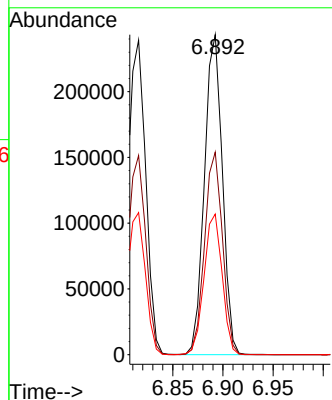
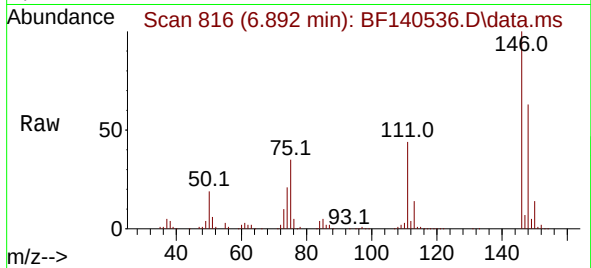




#13
1,4-Dichlorobenzene
Concen: 39.668 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

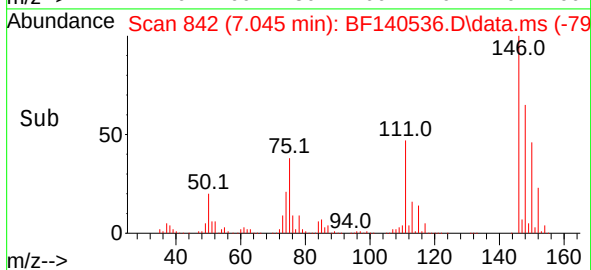
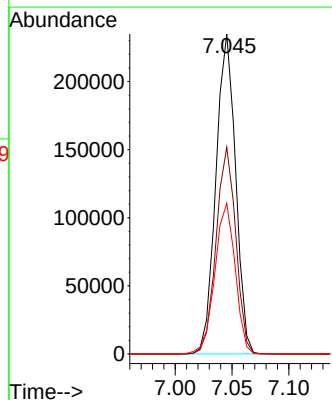
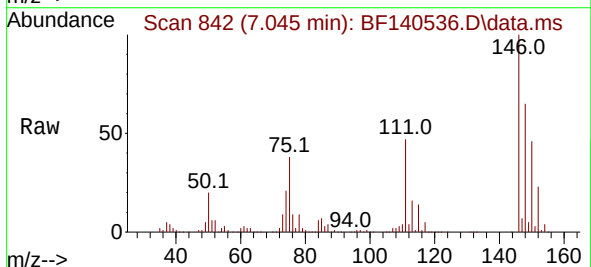
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

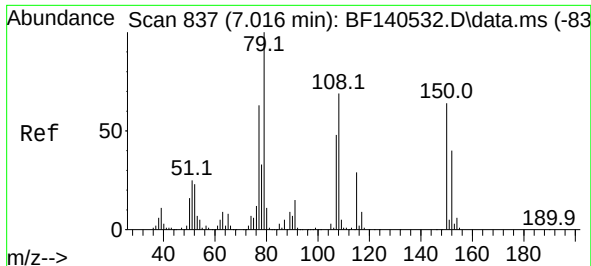
Tgt Ion:146 Resp: 304030
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 44.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 39.406 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:146 Resp: 283001
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
111 47.1 36.7 55.1

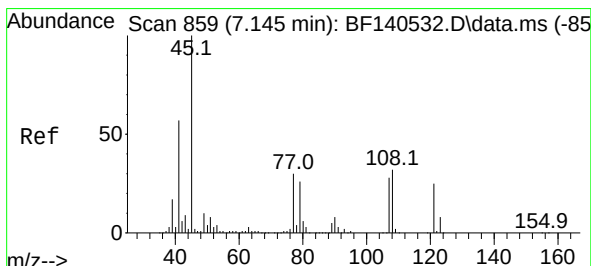
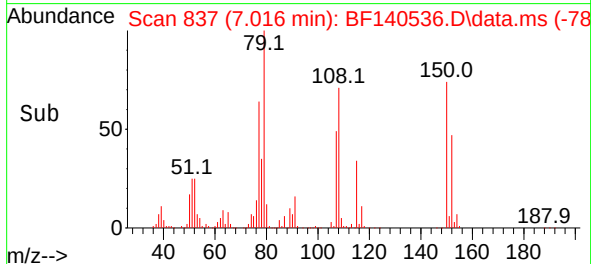
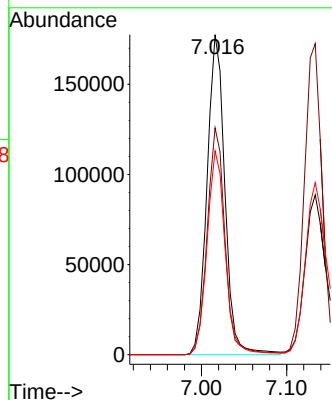
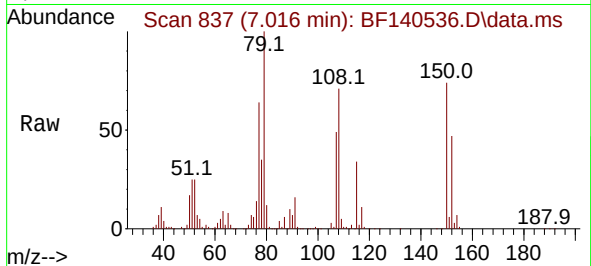




#15
Benzyl Alcohol
Concen: 41.993 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

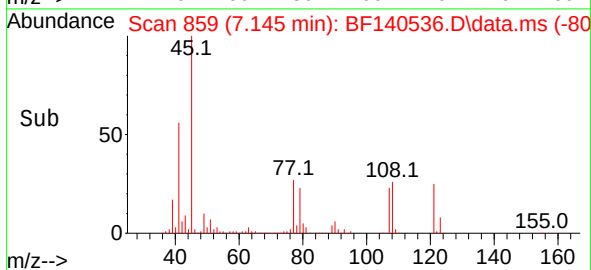
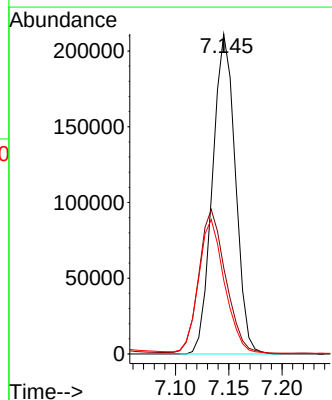
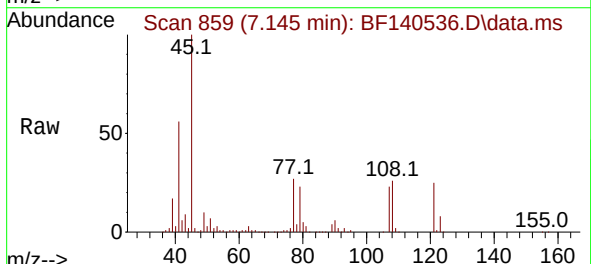
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

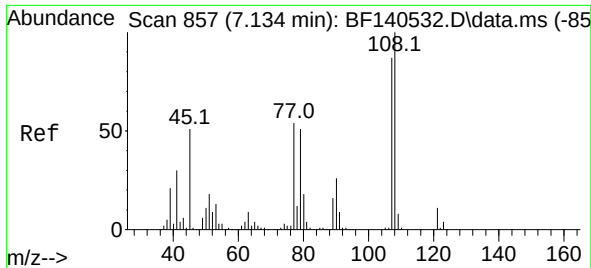
Tgt Ion: 79 Resp: 257787
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 63.7 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.183 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 45 Resp: 314742
Ion Ratio Lower Upper
45 100
77 26.9 10.7 50.7
79 23.0 7.0 47.0

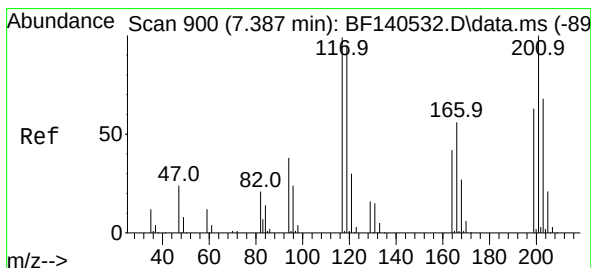
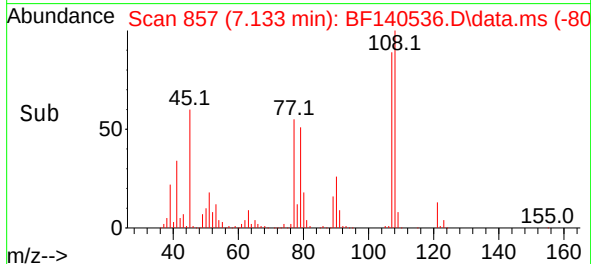
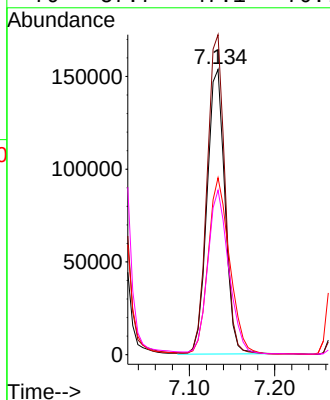
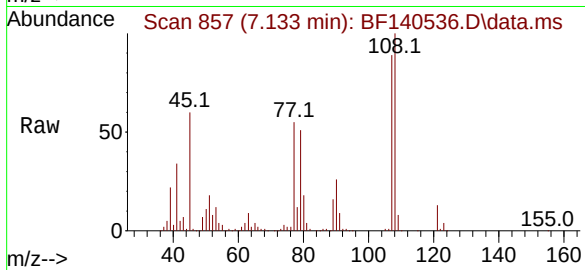




#17
2-Methylphenol
Concen: 41.606 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

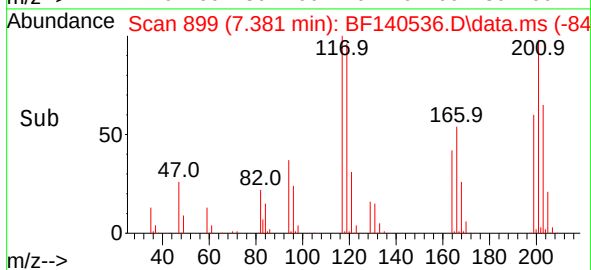
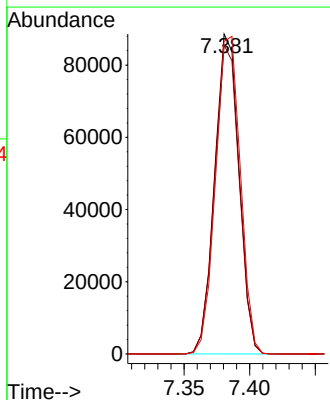
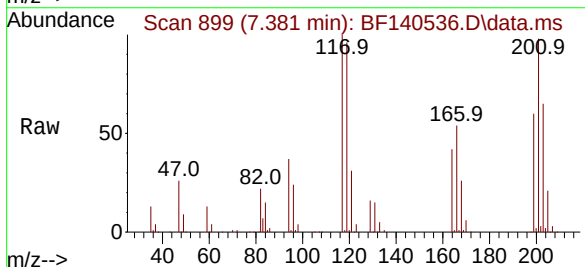
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

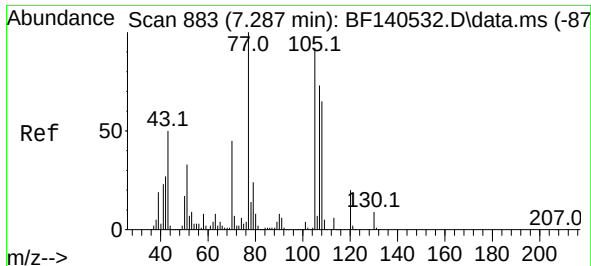
Tgt Ion:107 Resp: 224359
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 62.0 49.3 73.9
79 57.7 47.1 70.7



#18
Hexachloroethane
Concen: 40.108 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:117 Resp: 114809
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 97.7 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.038 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 70 Resp: 205658

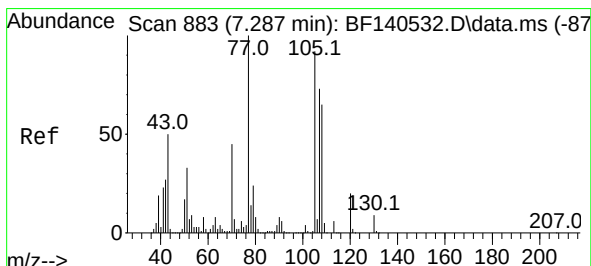
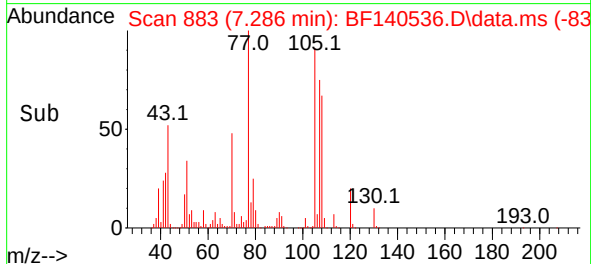
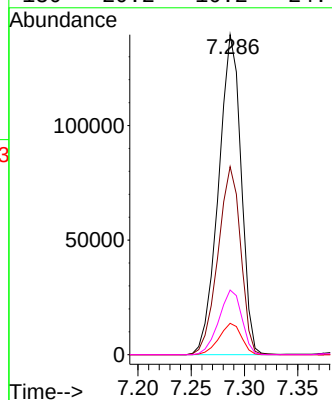
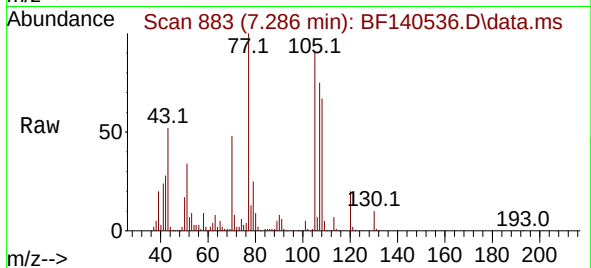
Ion Ratio Lower Upper

70 100

42 58.8 47.6 71.4

101 9.8 7.6 11.4

130 20.2 16.2 24.4



#20

3+4-Methylphenols

Concen: 41.536 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:107 Resp: 287897

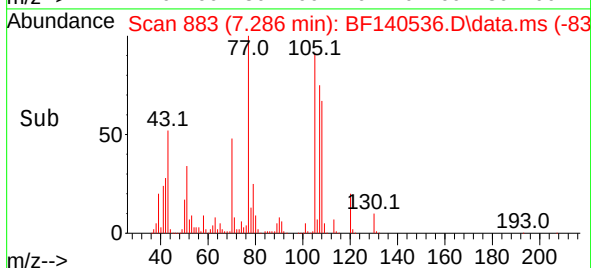
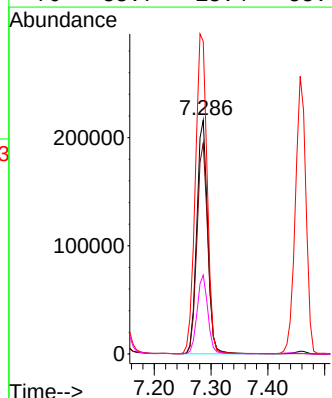
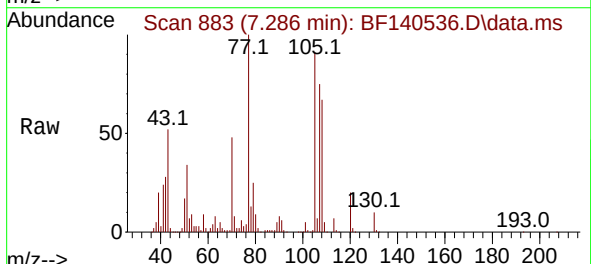
Ion Ratio Lower Upper

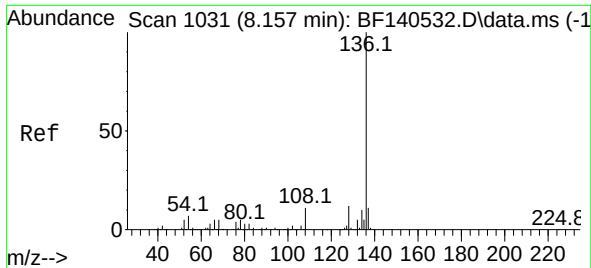
107 100

108 90.2 69.9 109.9

77 133.8 117.7 157.7

79 33.7 13.4 53.4

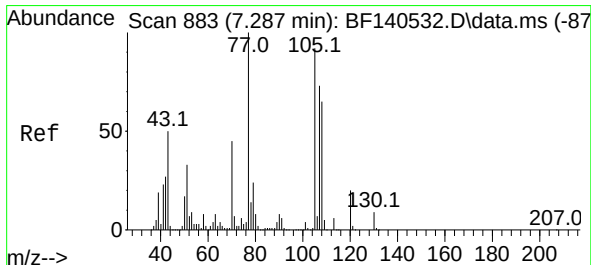
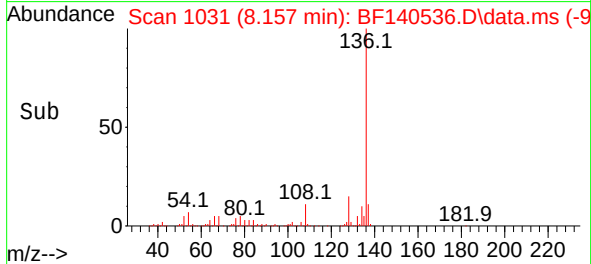
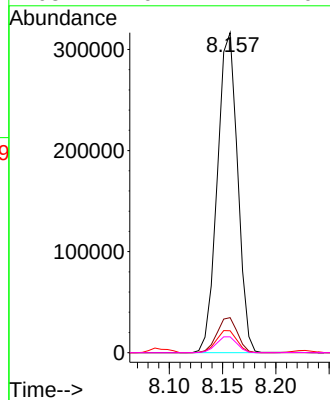
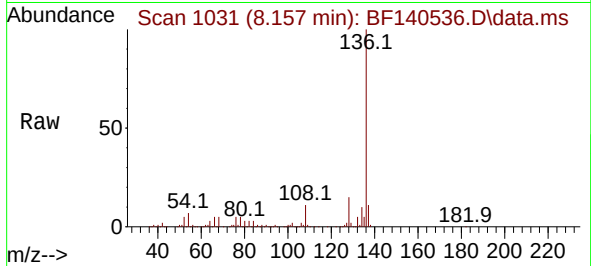




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

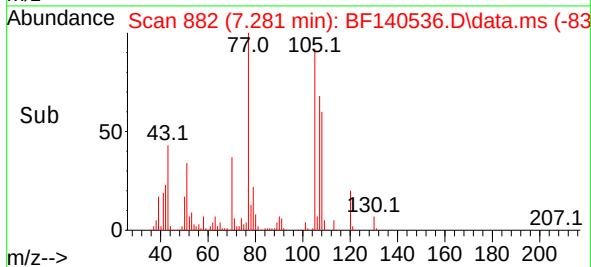
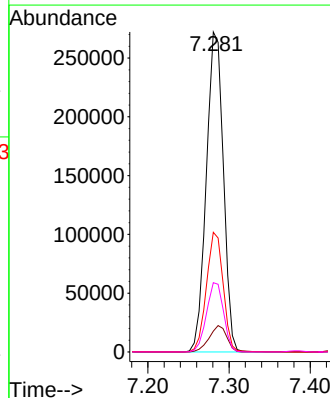
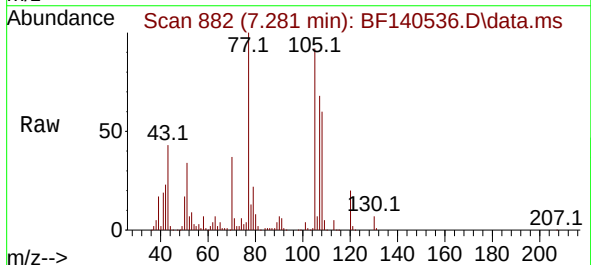
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

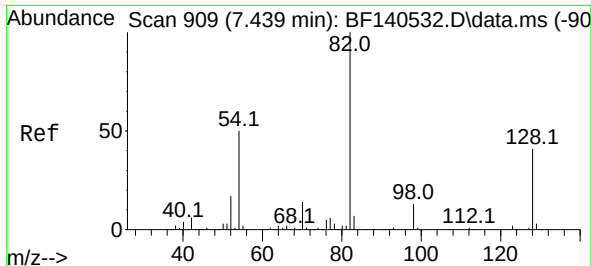
Tgt Ion:136	Resp:	417612	
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 38.963 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt	Ion:105	Resp:	396692
Ion	Ratio	Lower	Upper
105	100		
71	6.5	6.2	9.2
51	37.4	29.0	43.6
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 78.907 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

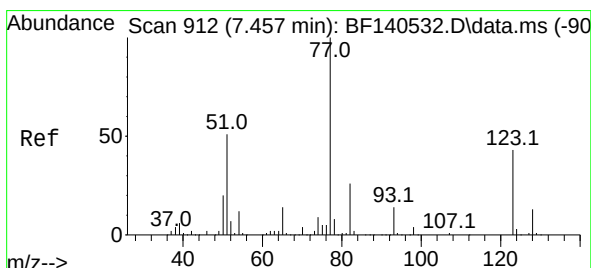
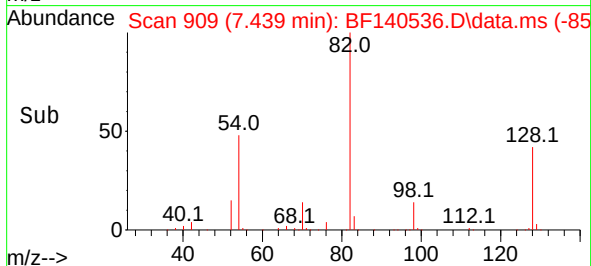
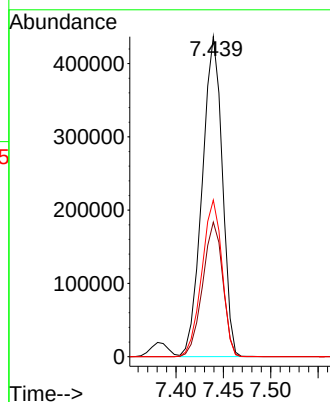
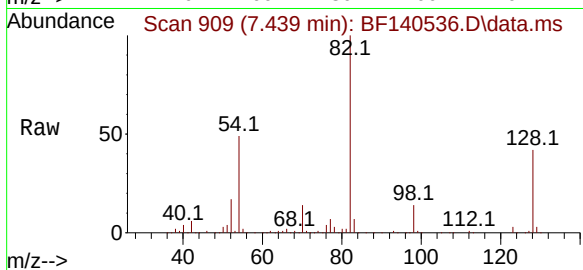
Tgt Ion: 82 Resp: 644226

Ion Ratio Lower Upper

82 100

128 42.1 33.0 49.4

54 49.0 39.5 59.3



#24

Nitrobenzene

Concen: 39.127 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

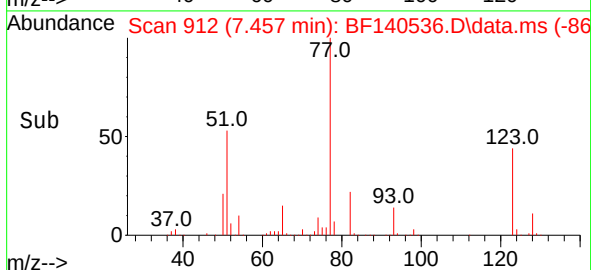
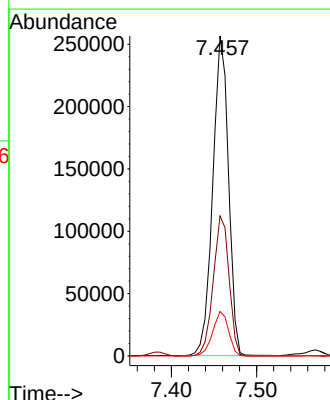
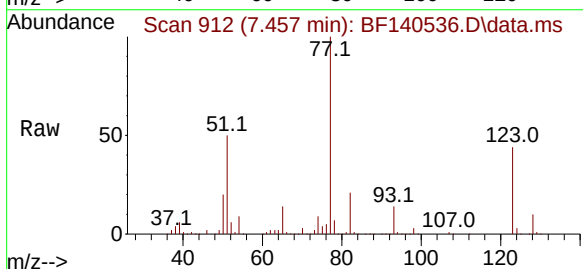
Tgt Ion: 77 Resp: 330161

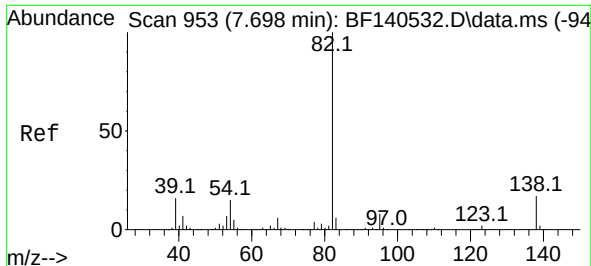
Ion Ratio Lower Upper

77 100

123 43.8 34.3 51.5

65 13.9 11.2 16.8

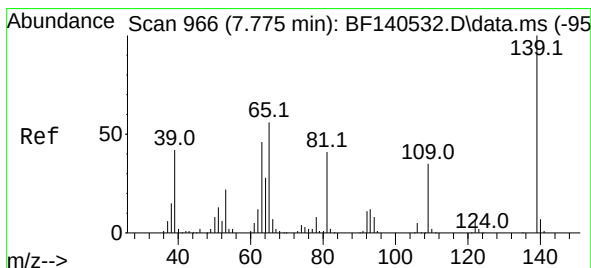
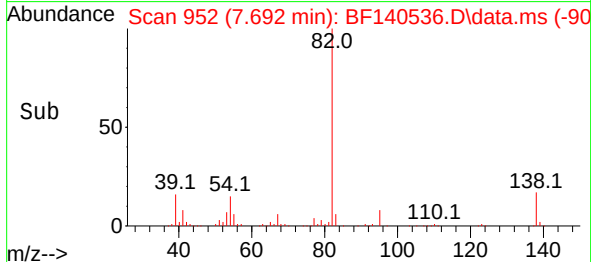
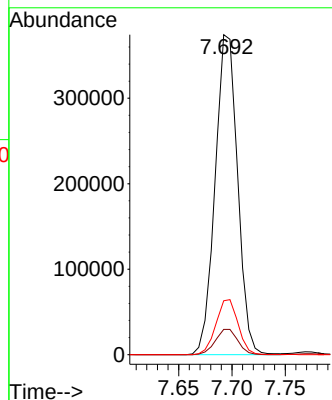
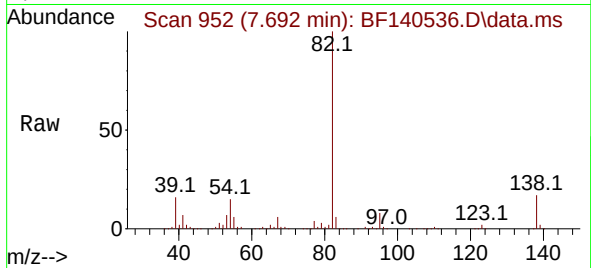




#25
Isophorone
Concen: 40.332 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

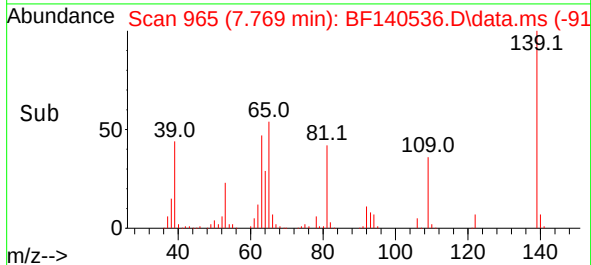
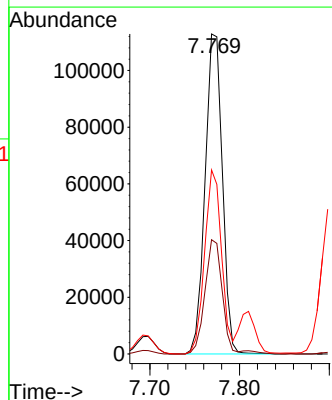
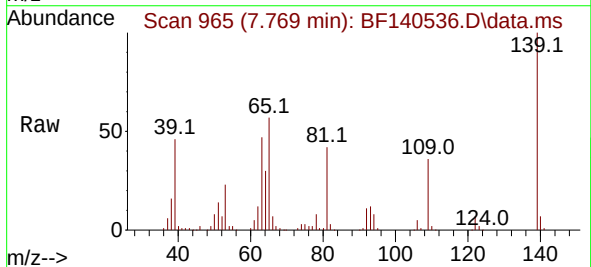
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

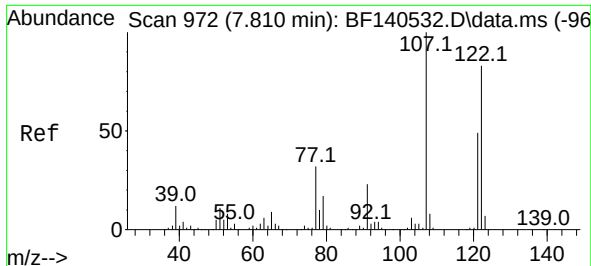
Tgt Ion: 82 Resp: 549222
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.9 13.8 20.6



#26
2-Nitrophenol
Concen: 40.372 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:139 Resp: 150969
Ion Ratio Lower Upper
139 100
109 35.7 28.0 42.0
65 57.5 44.6 67.0

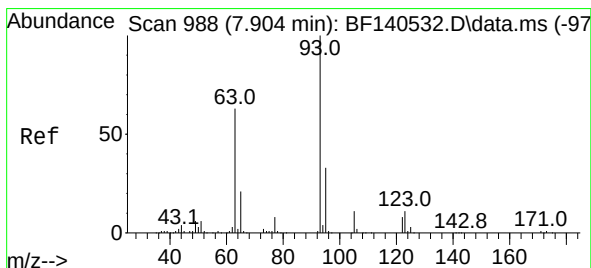
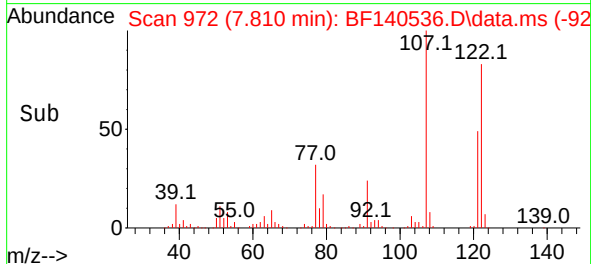
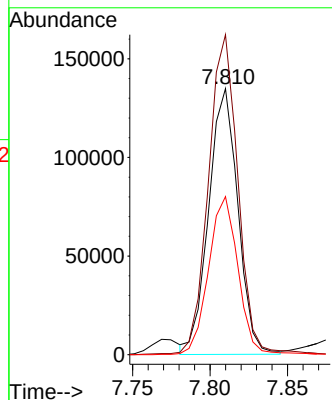
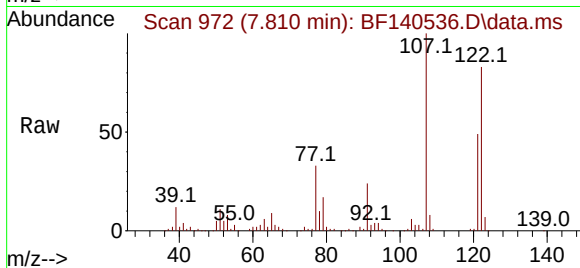




#27
2,4-Dimethylphenol
Concen: 39.568 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

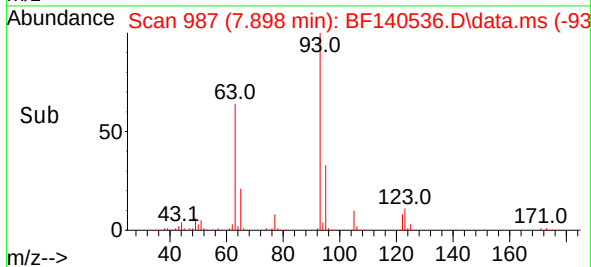
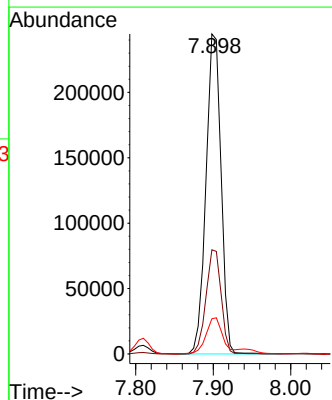
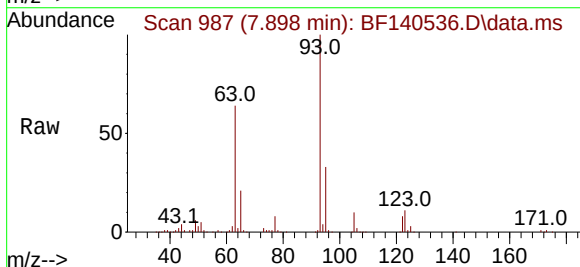
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

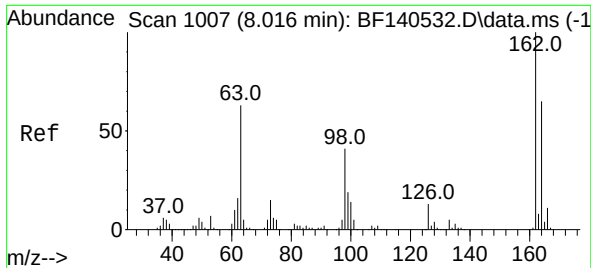
Tgt Ion:122 Resp: 177031
Ion Ratio Lower Upper
122 100
107 120.3 96.8 145.2
121 59.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.938 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 93 Resp: 331321
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.952 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

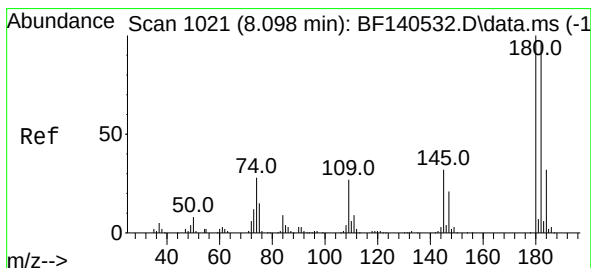
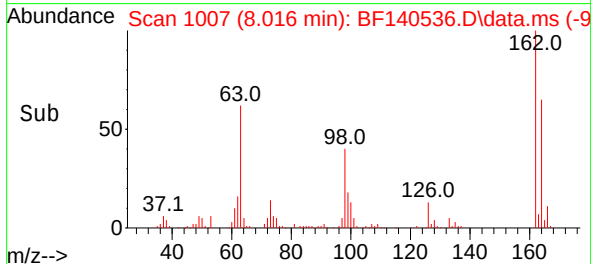
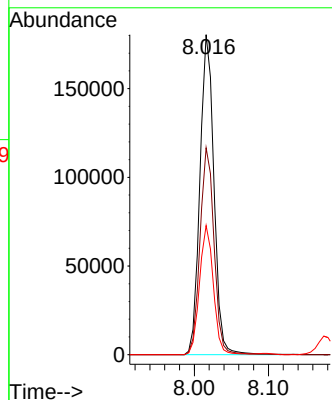
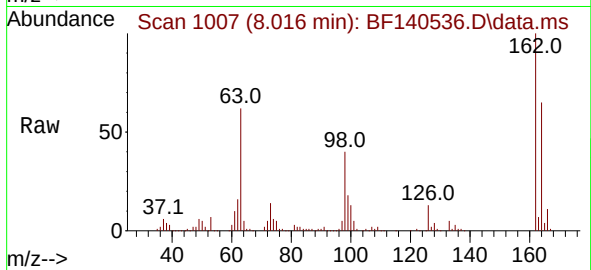
Tgt Ion:162 Resp: 236857

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 40.3 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 38.901 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

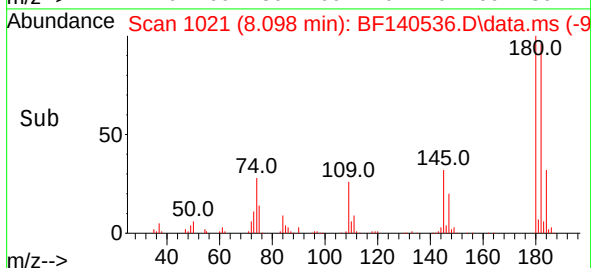
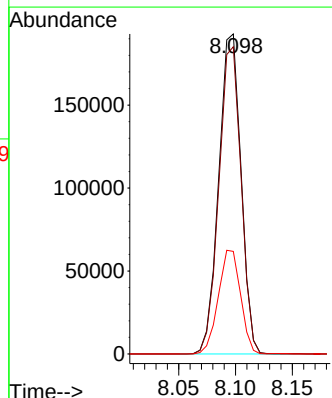
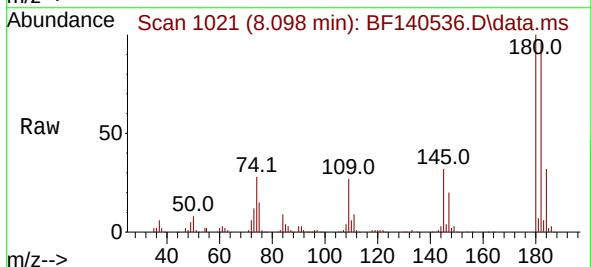
Tgt Ion:180 Resp: 263327

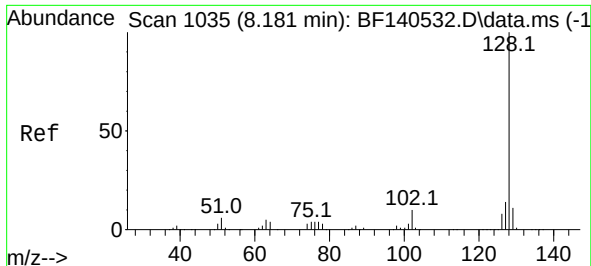
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 32.1 25.9 38.9





#31

Naphthalene

Concen: 39.152 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

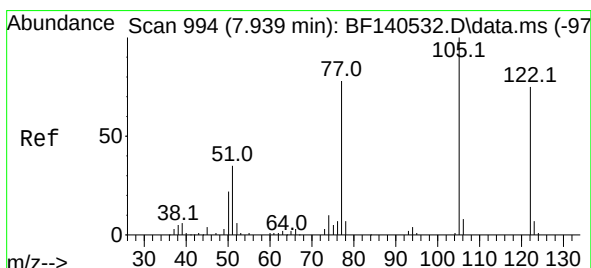
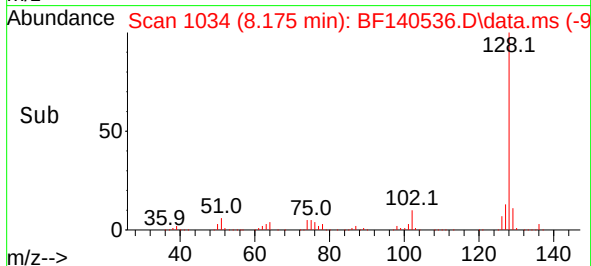
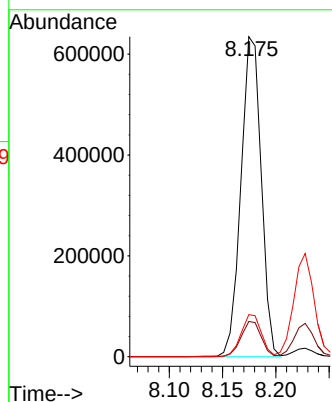
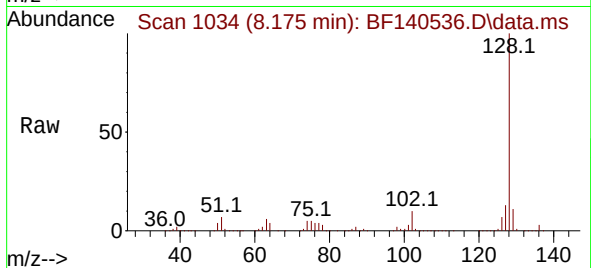
Tgt Ion:128 Resp: 842187

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 41.429 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

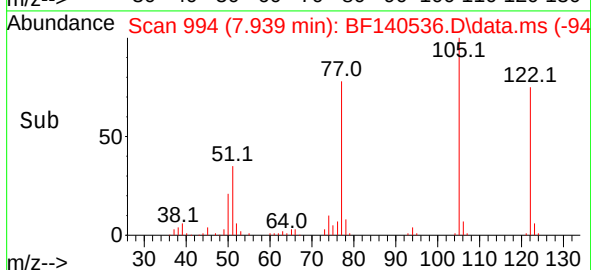
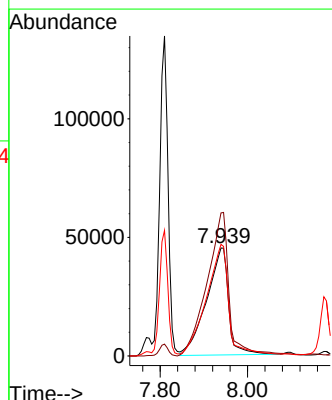
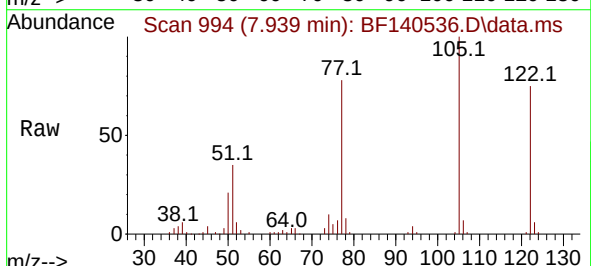
Tgt Ion:122 Resp: 156794

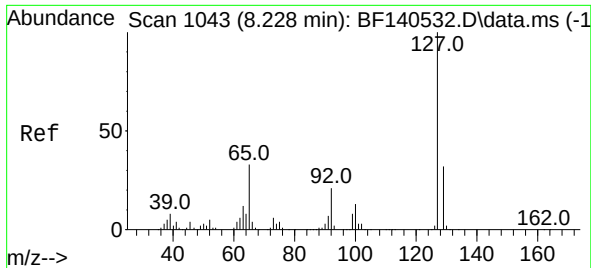
Ion Ratio Lower Upper

122 100

105 132.5 109.3 149.3

77 103.2 82.3 122.3





#33

4-Chloroaniline

Concen: 43.551 ng

RT: 8.228 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:127 Resp: 280483

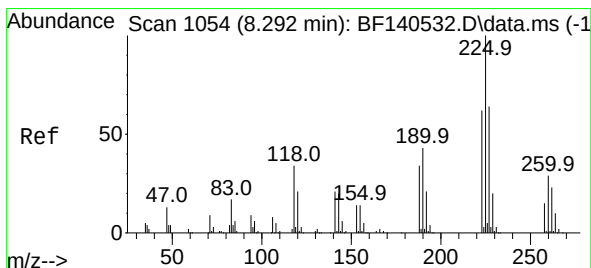
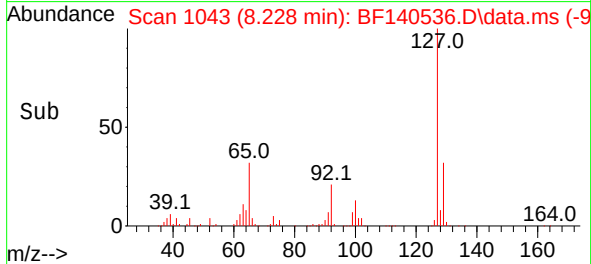
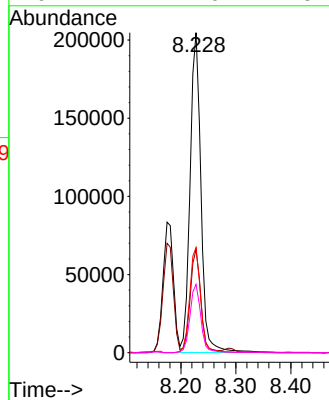
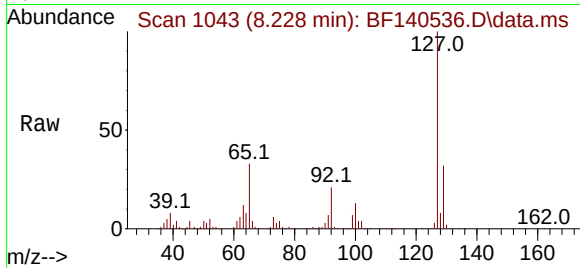
Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 32.9 26.0 39.0

92 21.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.406 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

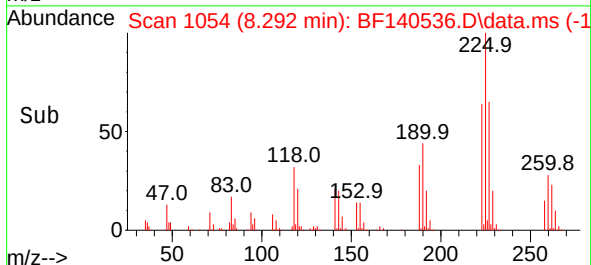
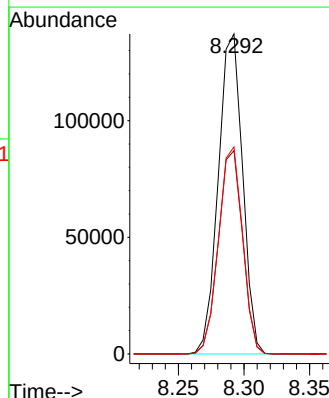
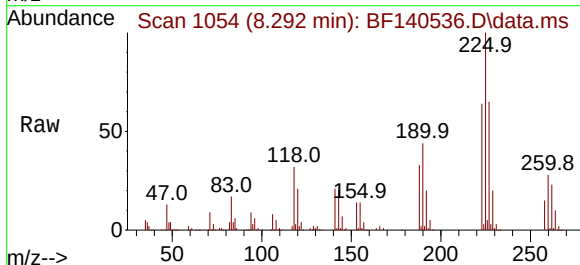
Tgt Ion:225 Resp: 176676

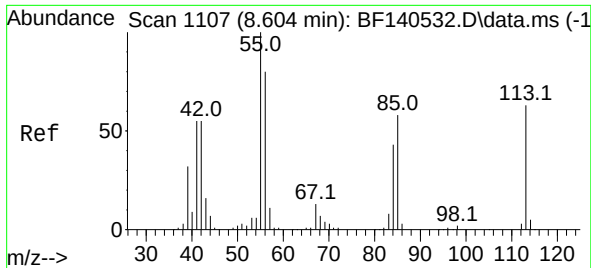
Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.8

227 64.7 51.3 76.9





#35

Caprolactam

Concen: 40.381 ng

RT: 8.604 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

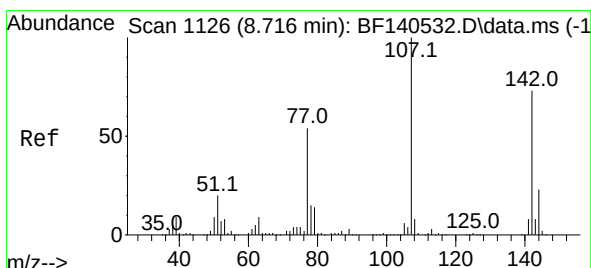
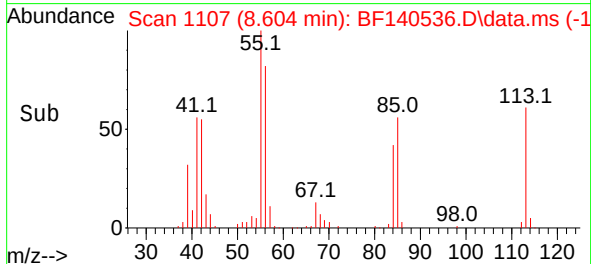
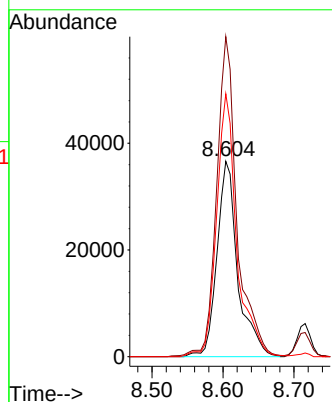
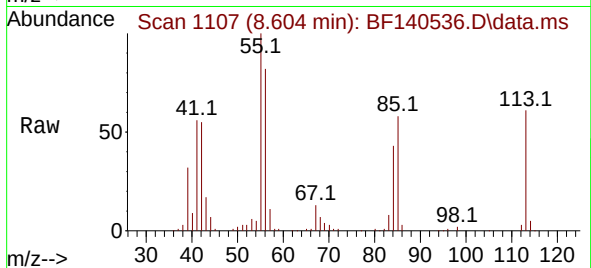
Tgt Ion:113 Resp: 74088

Ion Ratio Lower Upper

113 100

55 163.7 137.7 177.7

56 134.5 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 40.203 ng

RT: 8.716 min Scan# 1126

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

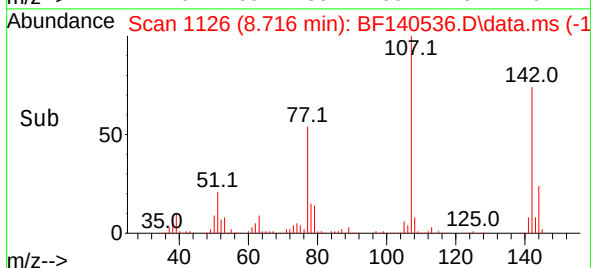
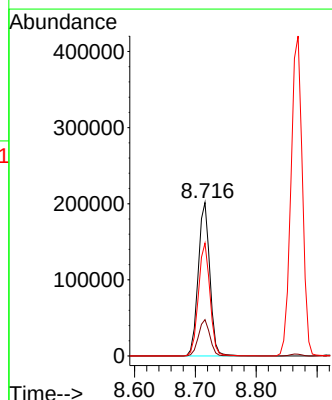
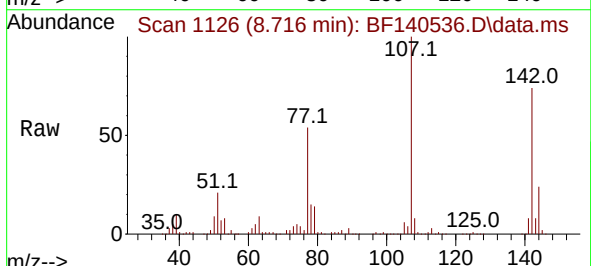
Tgt Ion:107 Resp: 266862

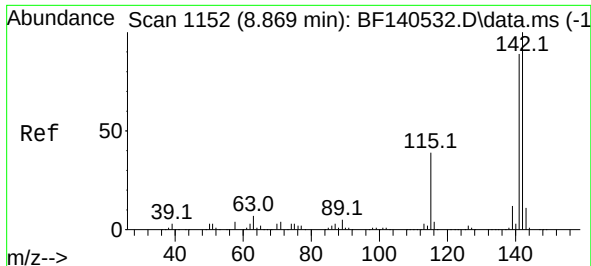
Ion Ratio Lower Upper

107 100

144 23.7 18.7 28.1

142 73.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 39.987 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

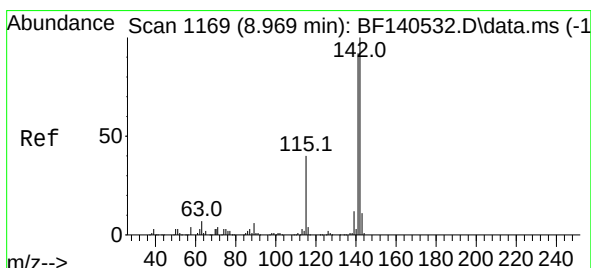
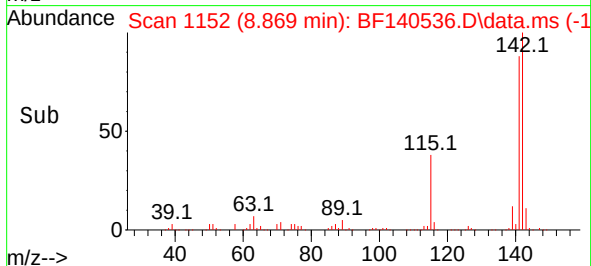
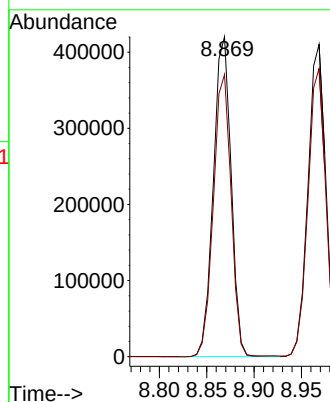
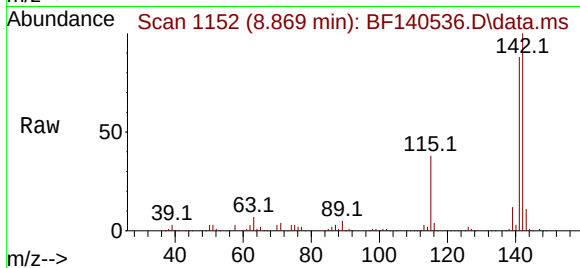
ICVBF112124

Tgt Ion:142 Resp: 546332

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.688 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140536.D

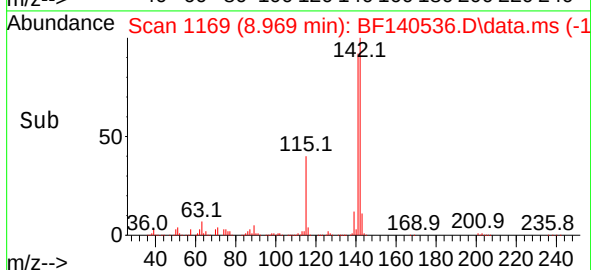
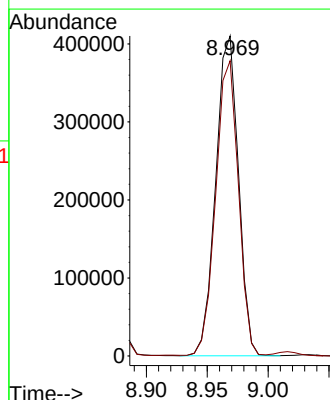
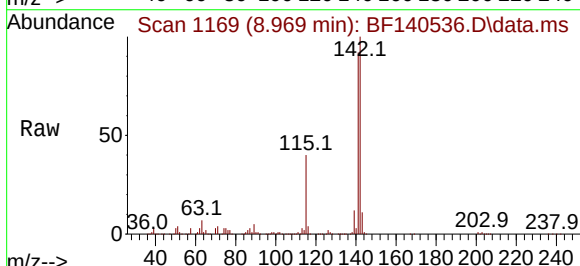
Acq: 21 Nov 2024 15:07

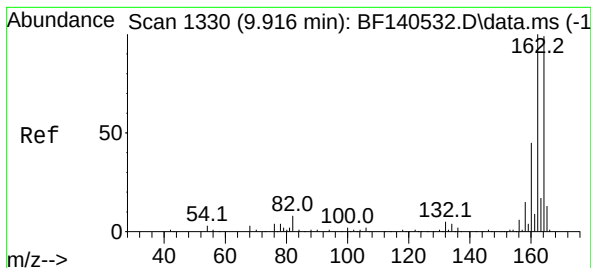
Tgt Ion:142 Resp: 531502

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

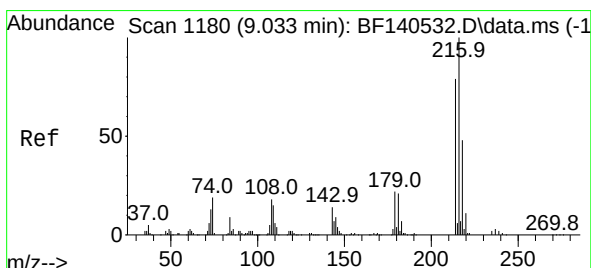
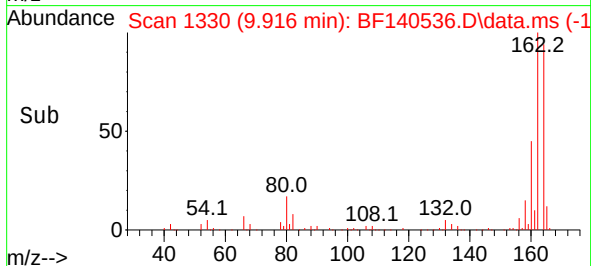
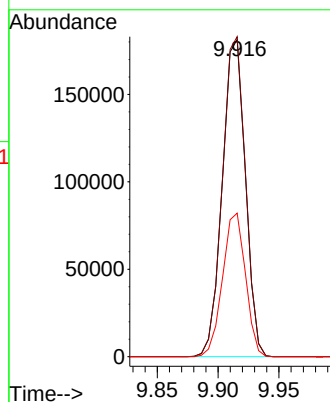
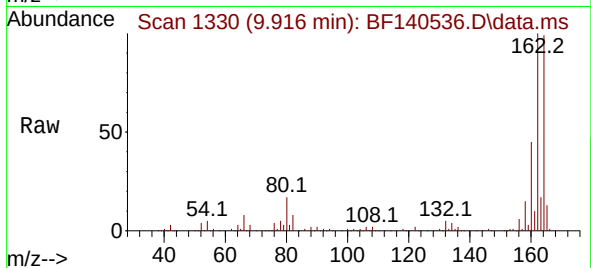
Tgt Ion:164 Resp: 239418

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.824 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:216 Resp: 272114

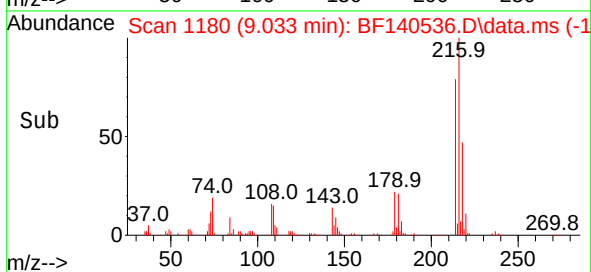
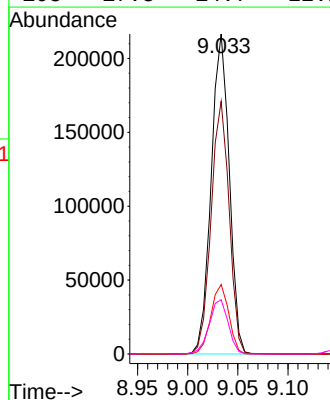
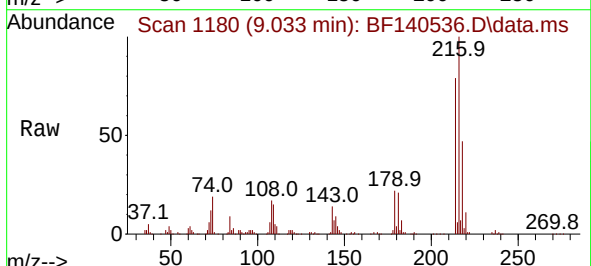
Ion Ratio Lower Upper

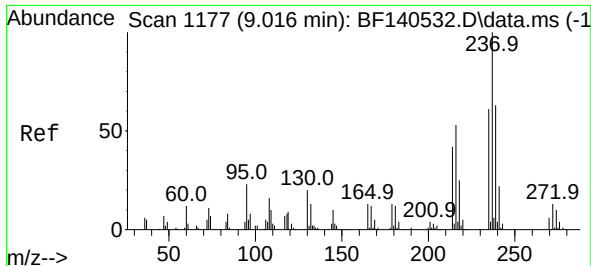
216 100

214 78.5 63.0 94.4

179 21.6 17.5 26.3

108 17.8 14.7 22.1

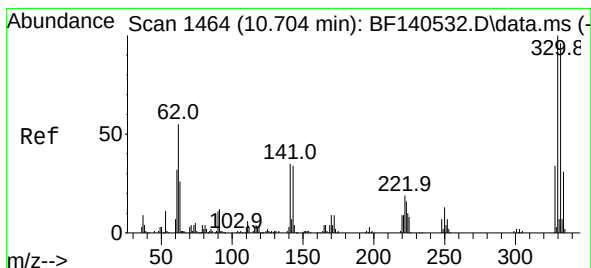
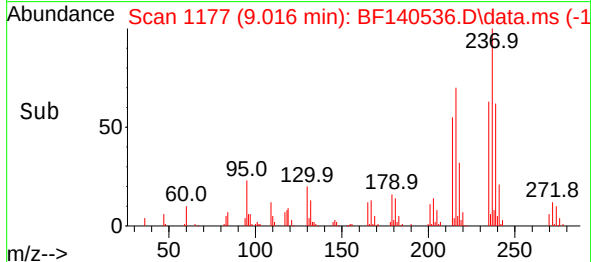
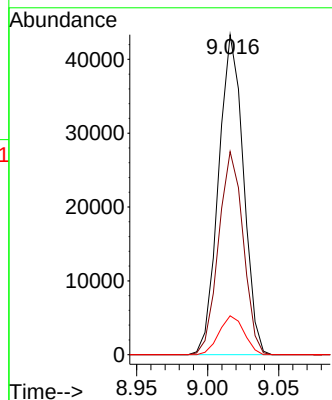
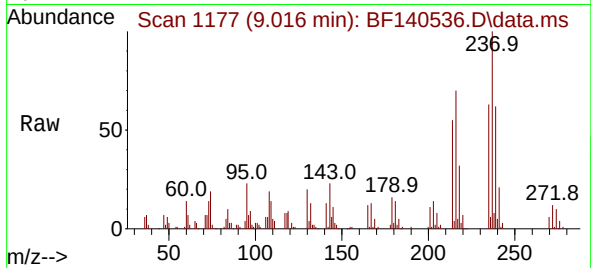




#41
Hexachlorocyclopentadiene
Concen: 37.711 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

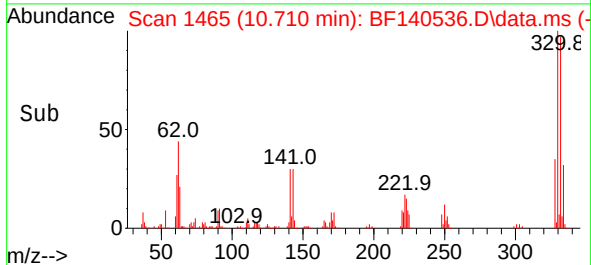
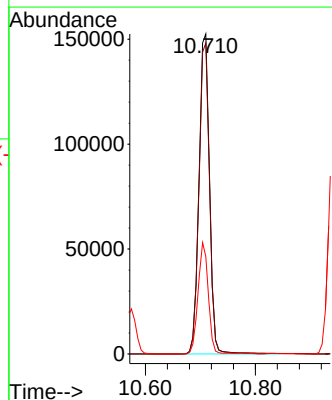
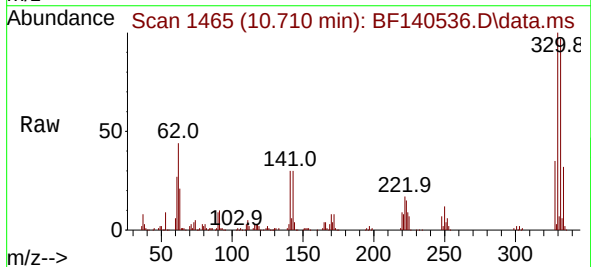
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

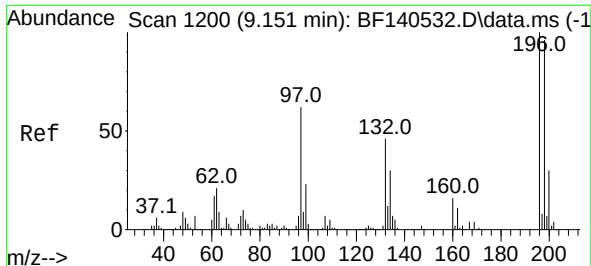
Tgt Ion:237 Resp: 52730
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 79.677 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:330 Resp: 204020
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 33.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.390 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

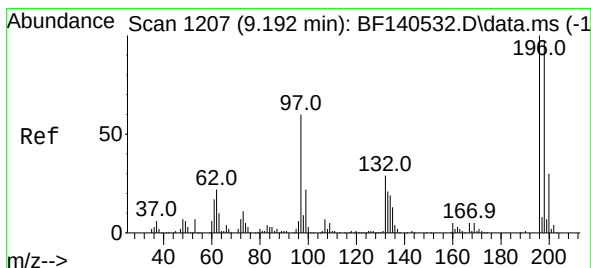
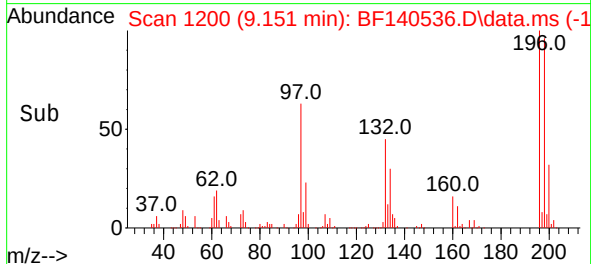
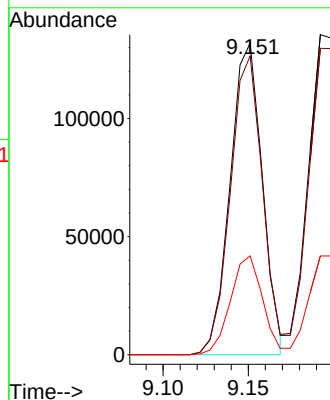
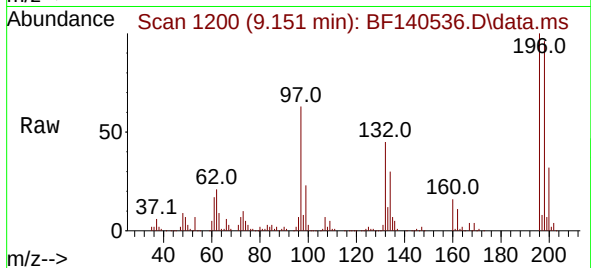
Tgt Ion:196 Resp: 173239

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

200 31.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 40.302 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:196 Resp: 192368

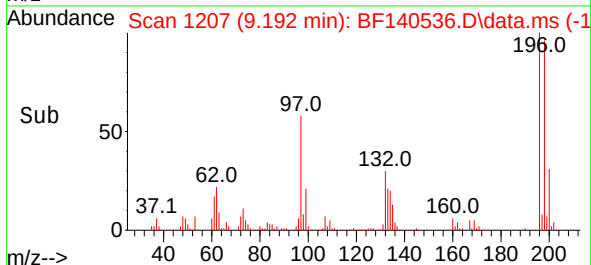
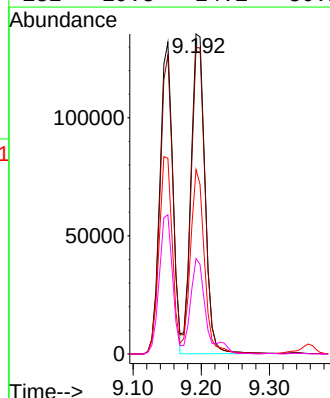
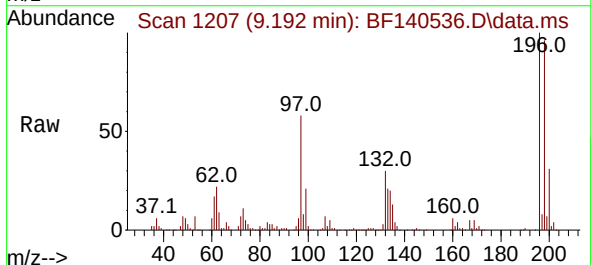
Ion Ratio Lower Upper

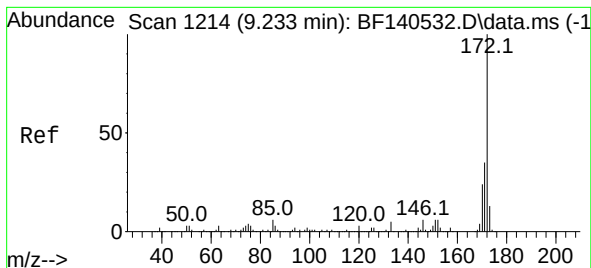
196 100

198 95.7 77.2 115.8

97 57.6 47.1 70.7

132 29.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 76.390 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

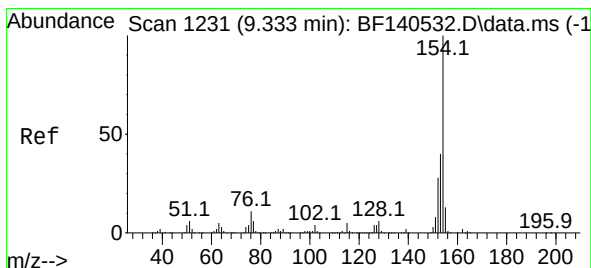
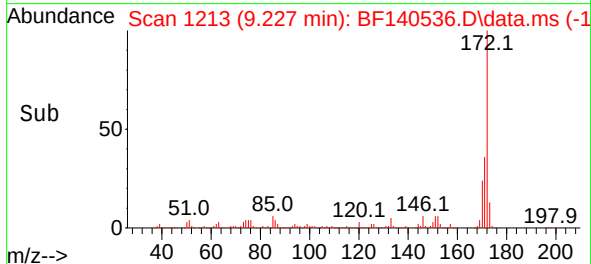
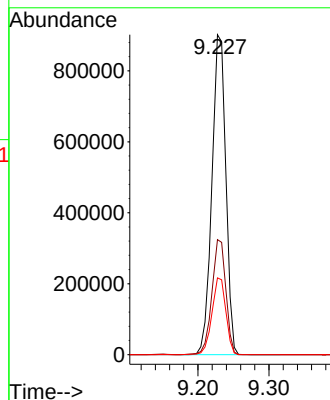
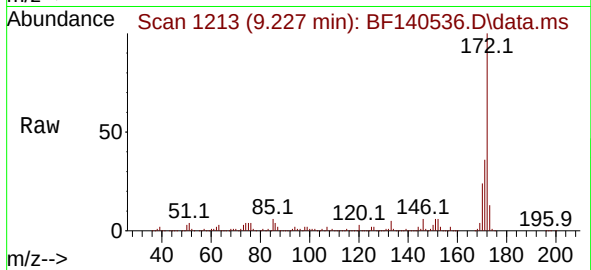
Tgt Ion:172 Resp: 1227501

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 38.769 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

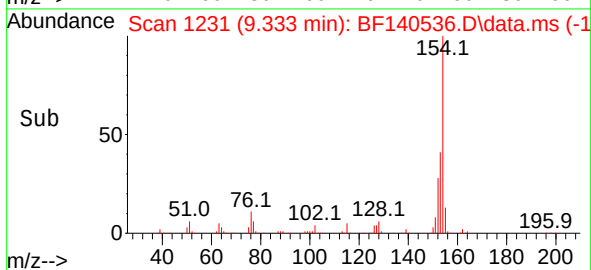
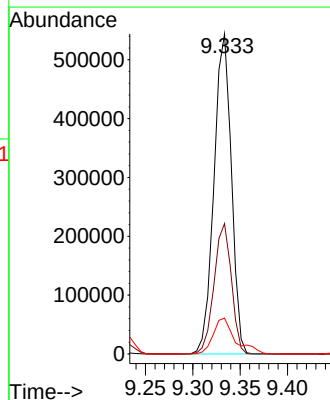
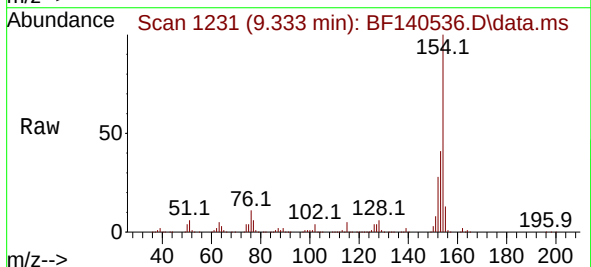
Tgt Ion:154 Resp: 693007

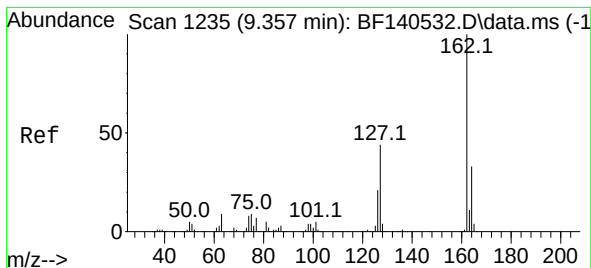
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.197 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

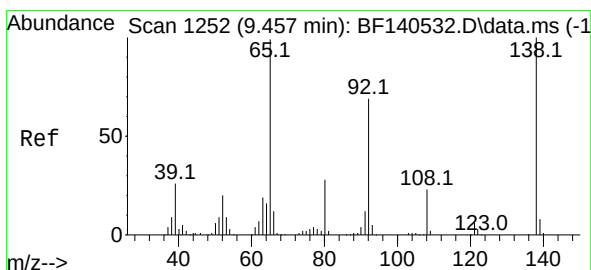
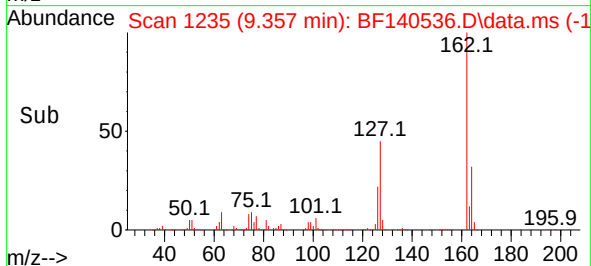
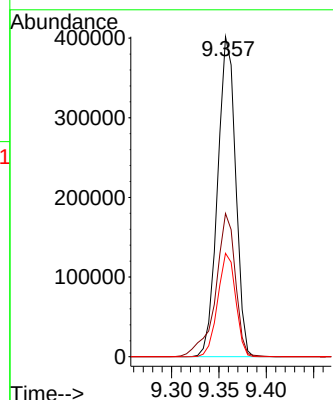
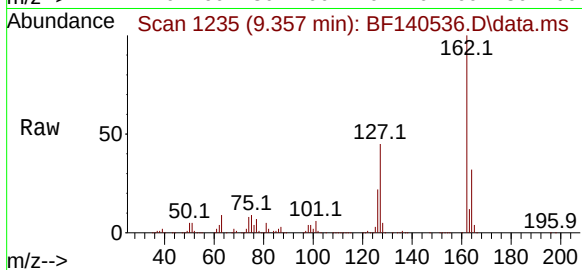
Tgt Ion:162 Resp: 530895

Ion Ratio Lower Upper

162 100

127 44.8 35.7 53.5

164 32.3 26.1 39.1



#48

2-Nitroaniline

Concen: 40.037 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

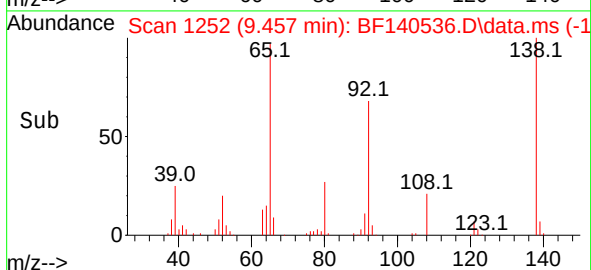
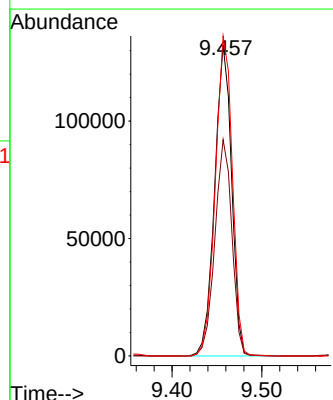
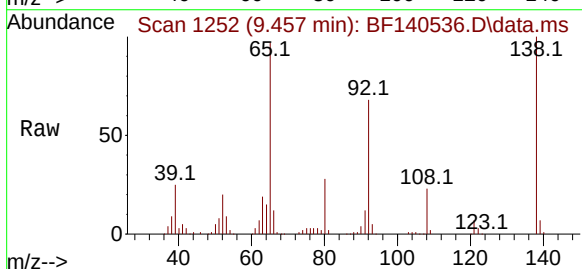
Tgt Ion: 65 Resp: 174060

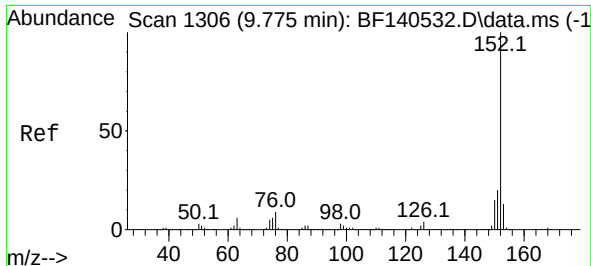
Ion Ratio Lower Upper

65 100

92 69.5 56.1 84.1

138 102.8 81.0 121.6





#49

Acenaphthylene

Concen: 38.850 ng

RT: 9.774 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF140536.D

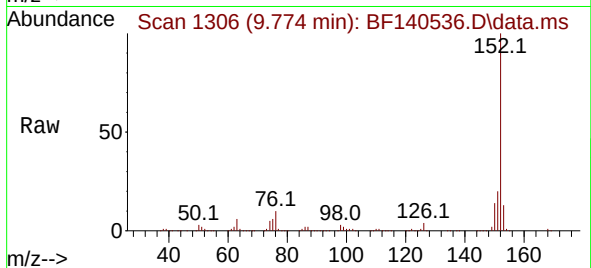
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



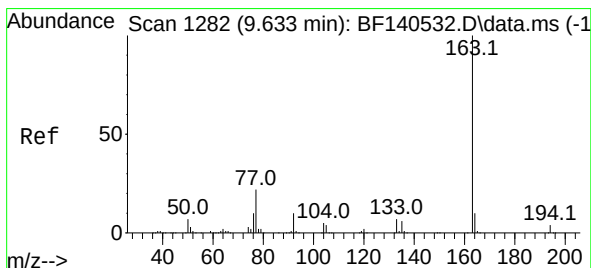
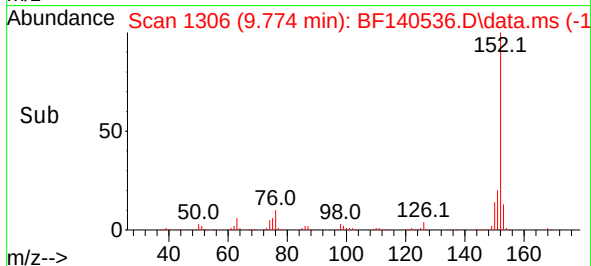
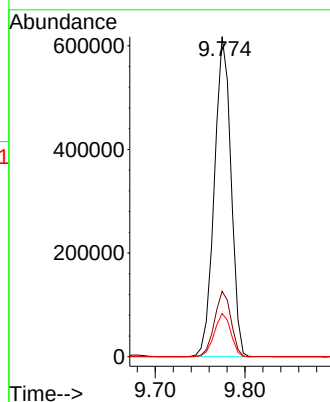
Tgt Ion:152 Resp: 795061

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 39.591 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

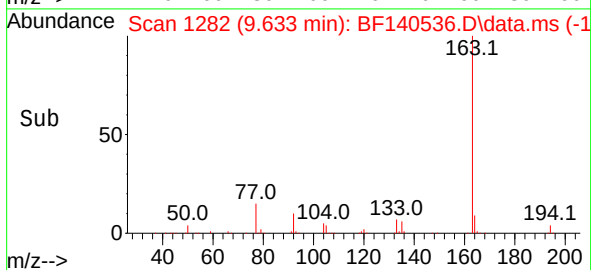
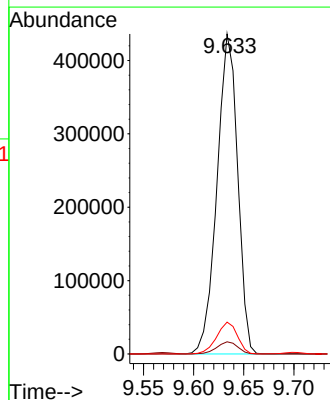
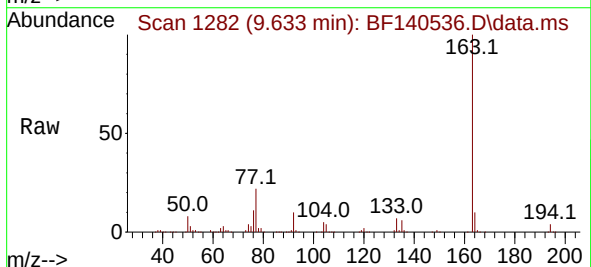
Tgt Ion:163 Resp: 624268

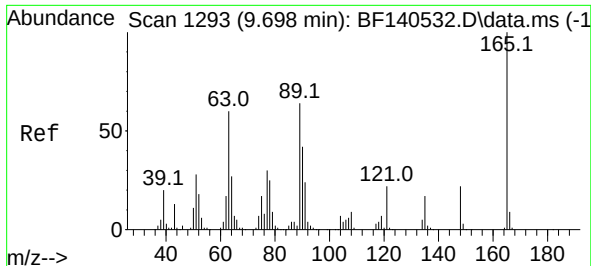
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 39.356 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

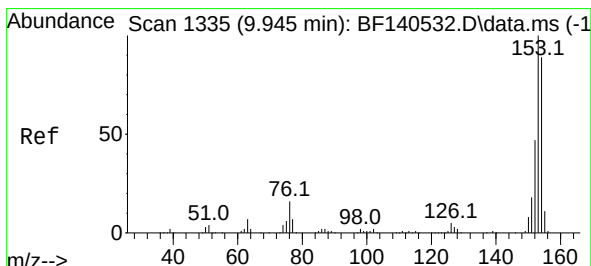
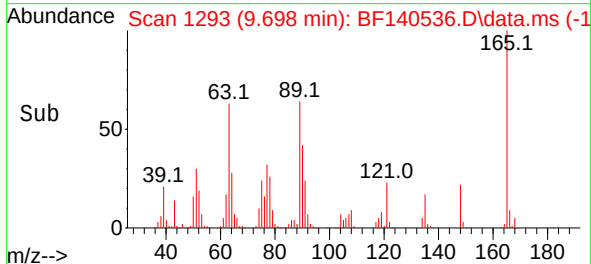
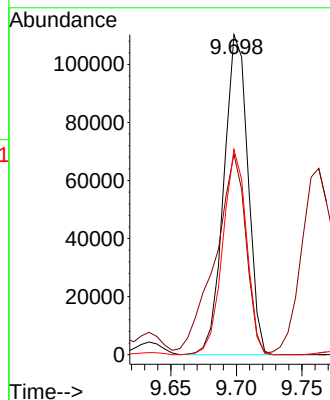
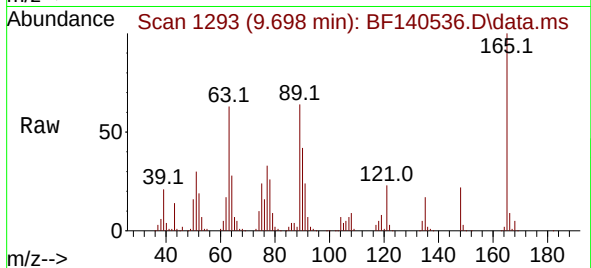
Tgt Ion:165 Resp: 140739

Ion Ratio Lower Upper

165 100

63 62.6 49.9 74.9

89 64.1 50.9 76.3



#52

Acenaphthene

Concen: 39.243 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

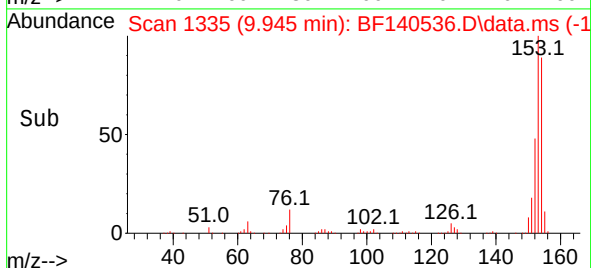
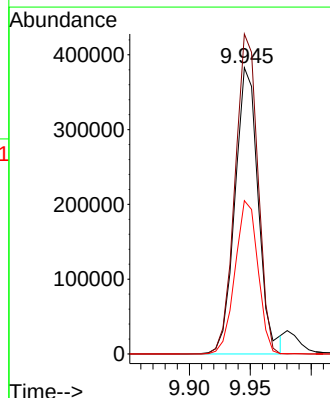
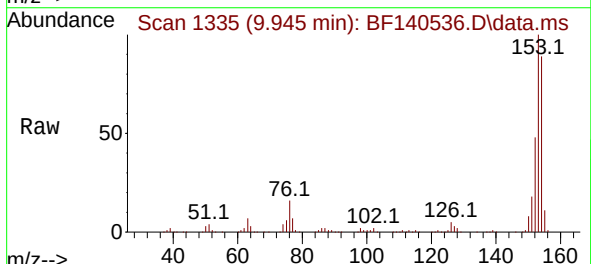
Tgt Ion:154 Resp: 510276

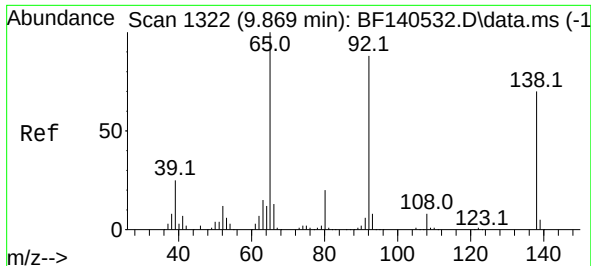
Ion Ratio Lower Upper

154 100

153 111.8 89.7 134.5

152 53.6 42.5 63.7





#53

3-Nitroaniline

Concen: 40.901 ng

RT: 9.874 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

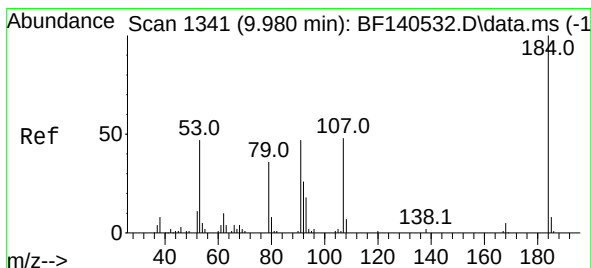
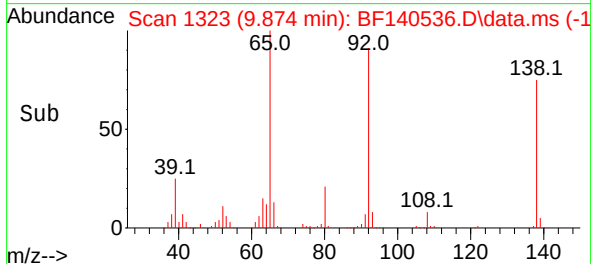
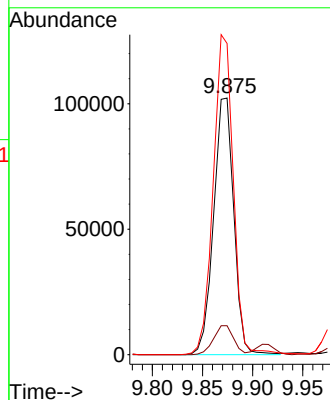
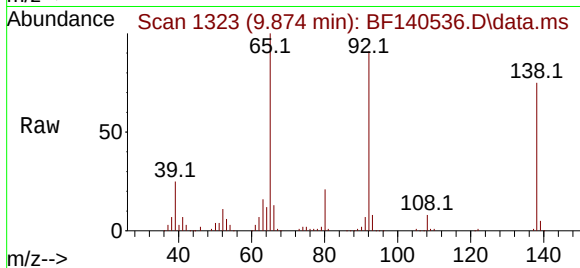
Tgt Ion:138 Resp: 143055

Ion Ratio Lower Upper

138 100

108 11.3 9.2 13.8

92 121.3 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 36.341 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

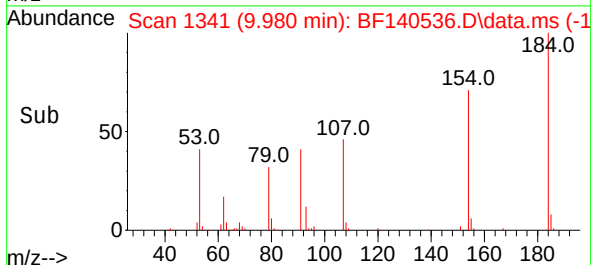
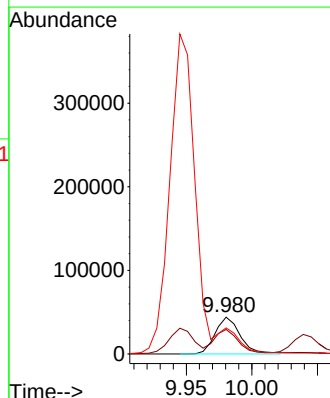
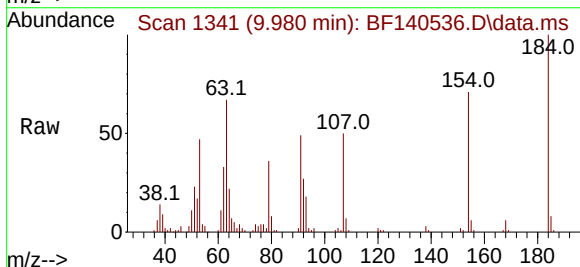
Tgt Ion:184 Resp: 58542

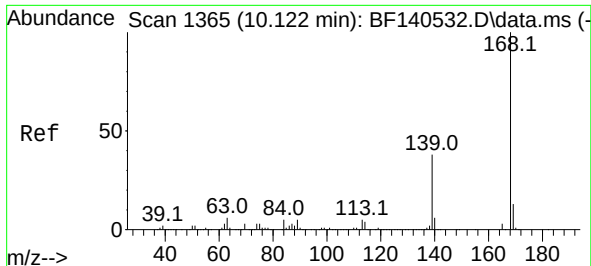
Ion Ratio Lower Upper

184 100

63 66.6 54.1 81.1

154 71.0 57.4 86.0

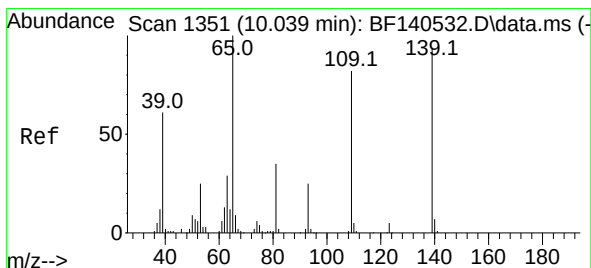
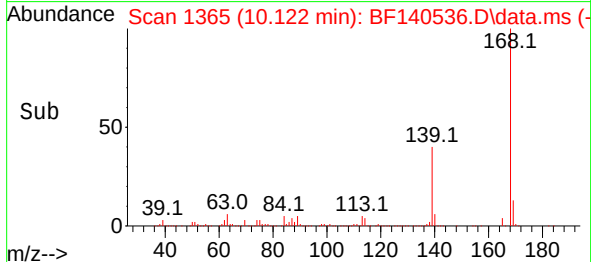
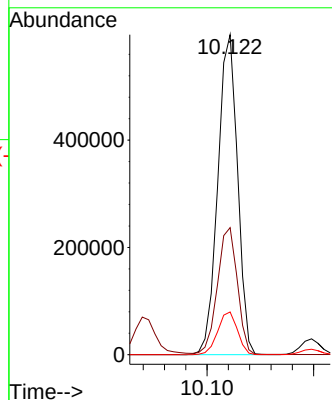
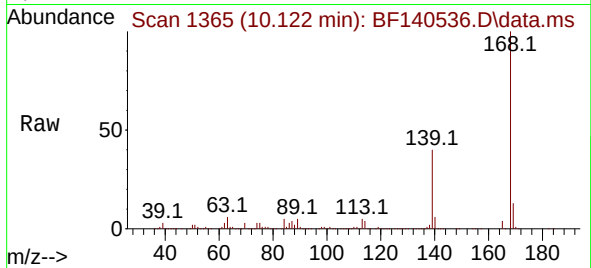




#55
Dibenzenofuran
Concen: 38.644 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

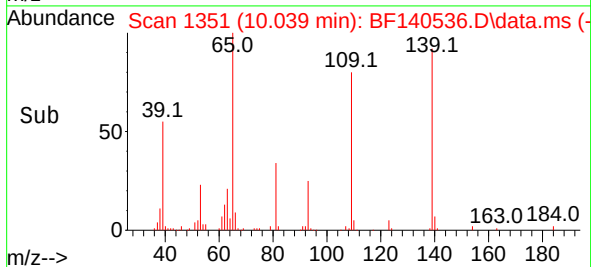
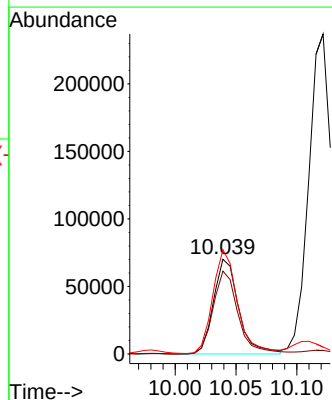
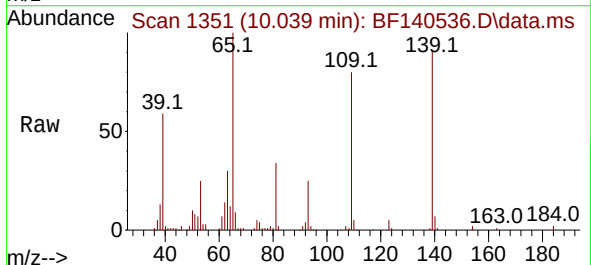
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

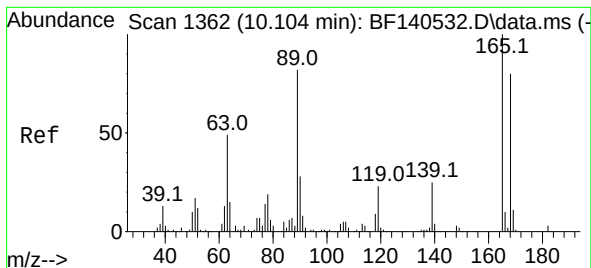
Tgt Ion:168 Resp: 766460
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 42.263 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:139 Resp: 100812
Ion Ratio Lower Upper
139 100
109 87.5 68.4 108.4
65 109.9 88.6 128.6

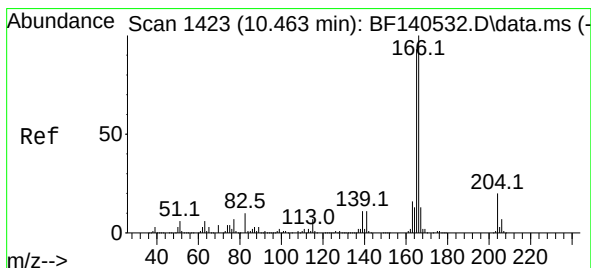
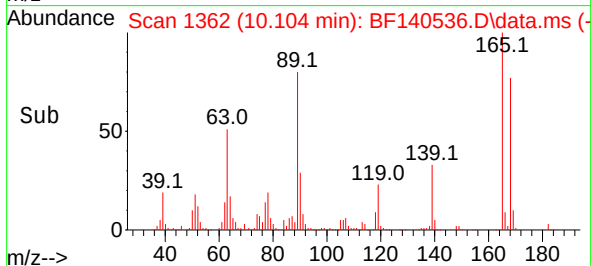
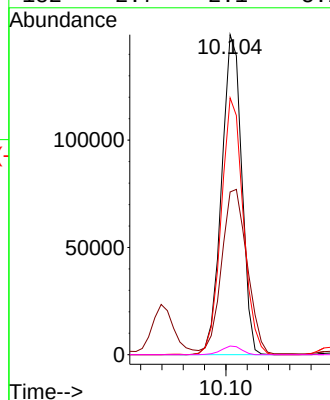
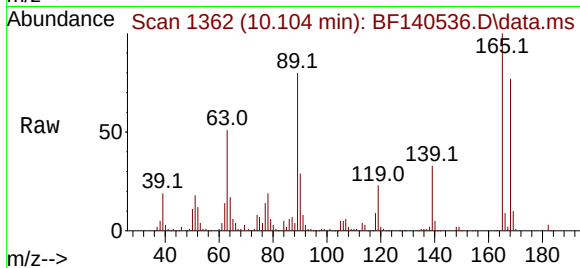




#57
2,4-Dinitrotoluene
Concen: 41.025 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

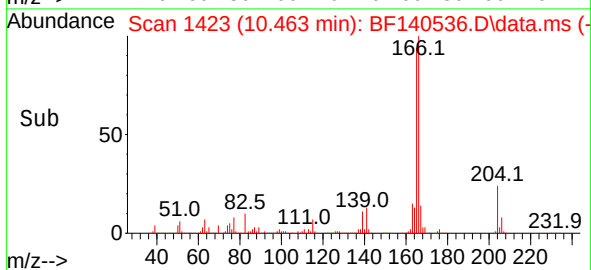
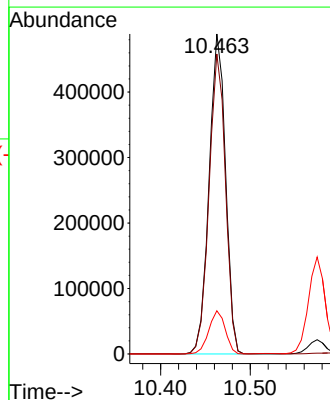
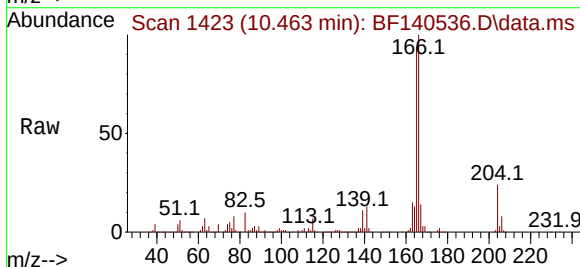
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

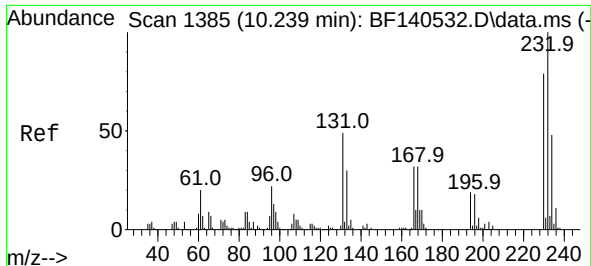
Tgt Ion:165 Resp: 194980
Ion Ratio Lower Upper
165 100
63 50.9 41.7 62.5
89 80.3 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 39.115 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

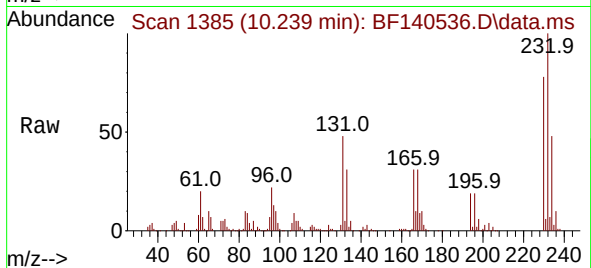
Tgt Ion:166 Resp: 622708
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.5 10.6 16.0



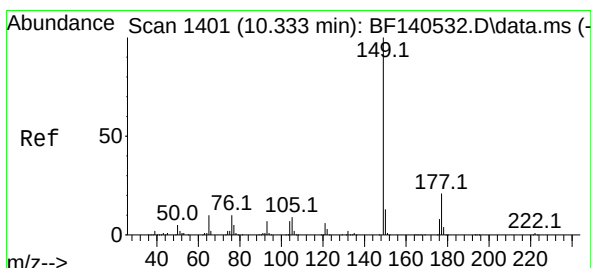
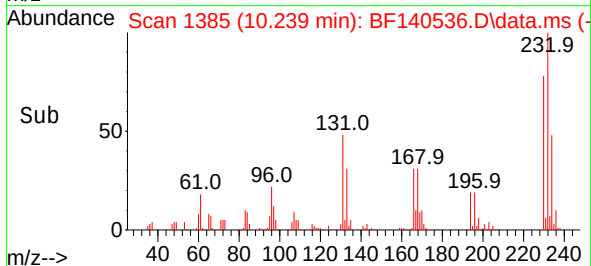
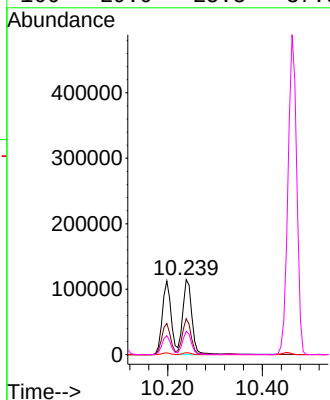


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.797 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

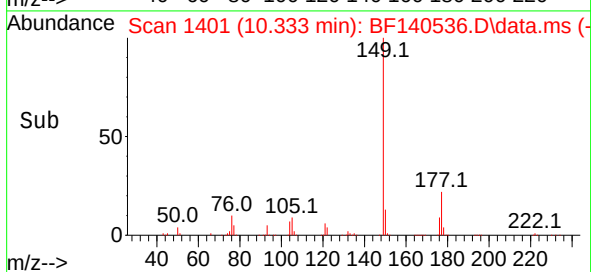
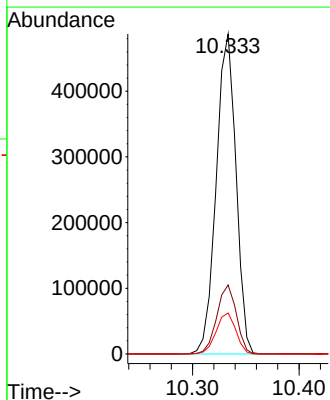
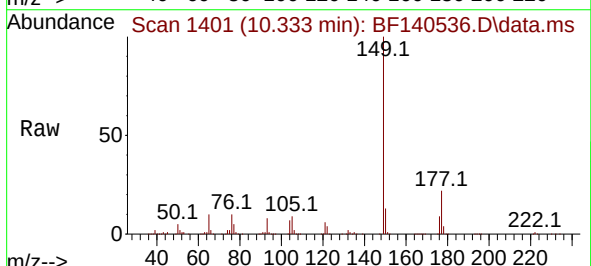


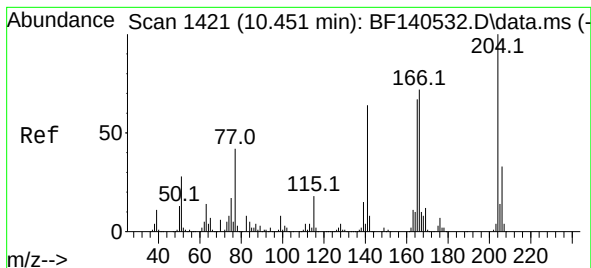
Tgt Ion:232 Resp: 153327
Ion Ratio Lower Upper
232 100
131 46.8 39.6 59.4
130 2.5 1.9 2.9
166 29.9 25.3 37.9



#60
Diethylphthalate
Concen: 39.078 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:149 Resp: 626046
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.8 10.1 15.1

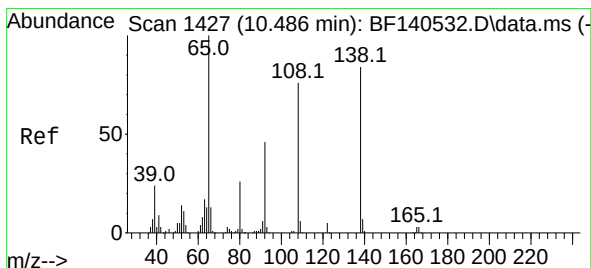
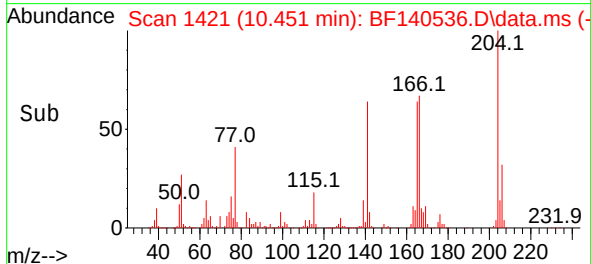
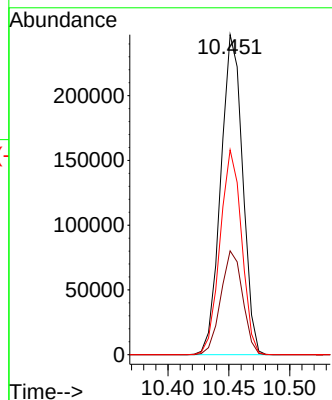
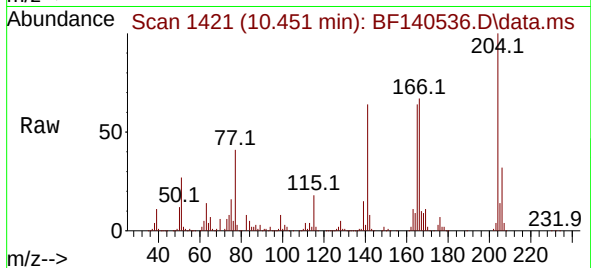




#61
4-Chlorophenyl-phenylether
Concen: 39.536 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

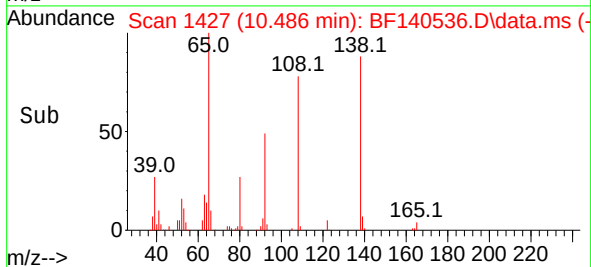
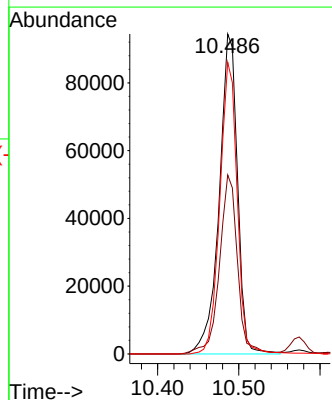
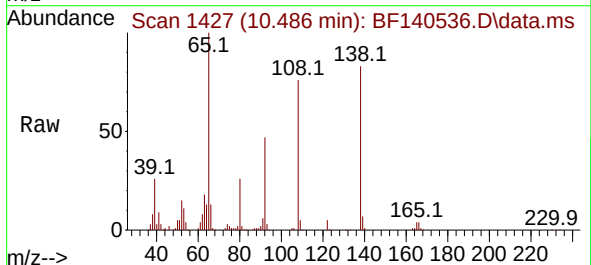
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

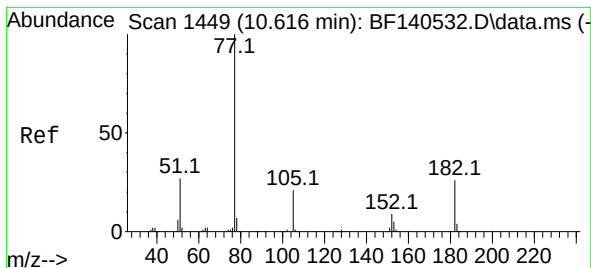
Tgt Ion:204 Resp: 308891
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.0 51.1 76.7



#62
4-Nitroaniline
Concen: 40.369 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:138 Resp: 148087
Ion Ratio Lower Upper
138 100
92 56.0 34.5 74.5
108 91.1 70.6 110.6





#63

Azobenzene

Concen: 39.396 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion: 77 Resp: 597687

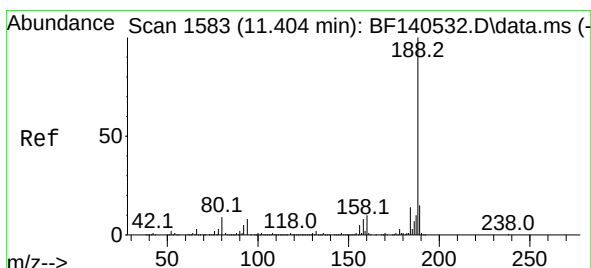
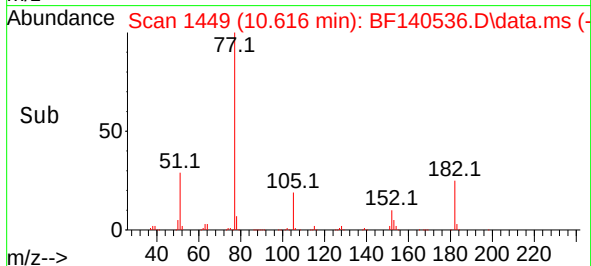
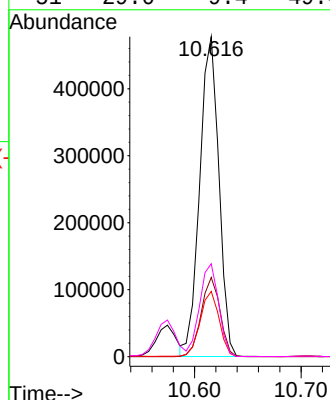
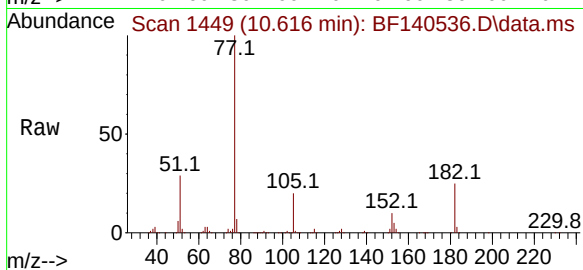
Ion Ratio Lower Upper

77 100

182 24.7 5.3 45.3

105 20.4 0.3 40.3

51 29.0 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

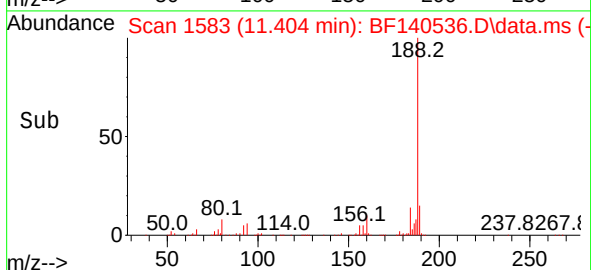
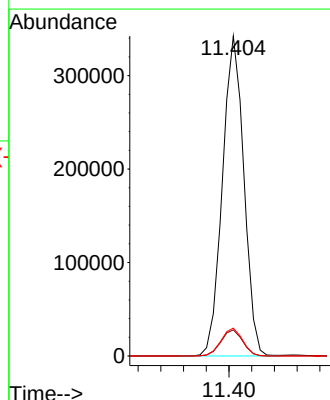
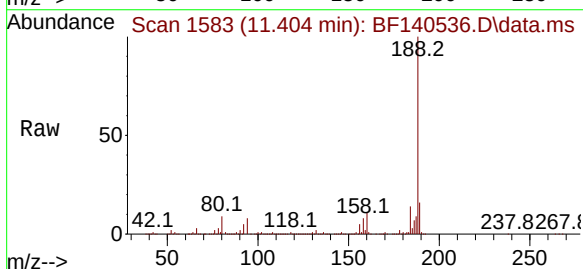
Tgt Ion: 188 Resp: 448820

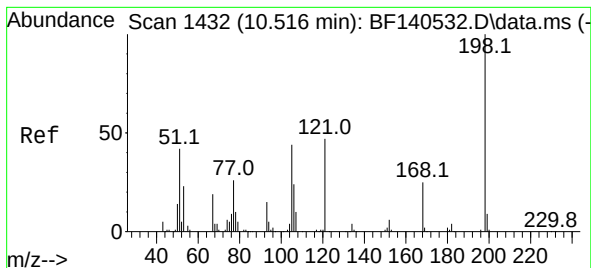
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 6.9 10.3

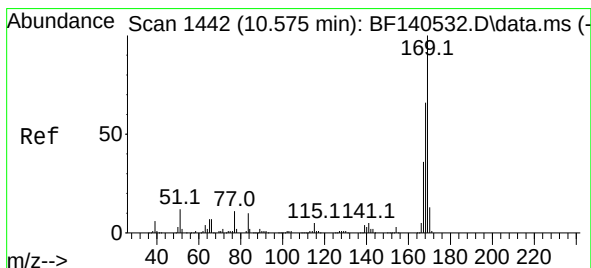
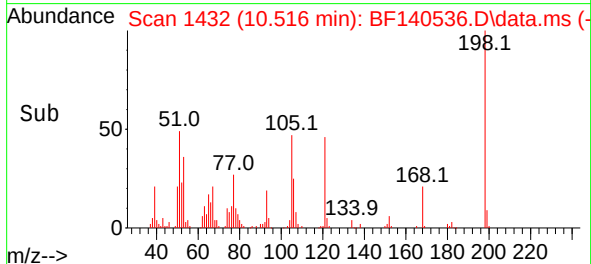
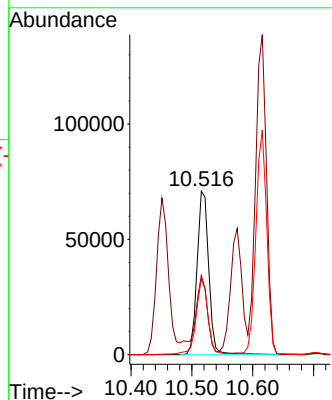
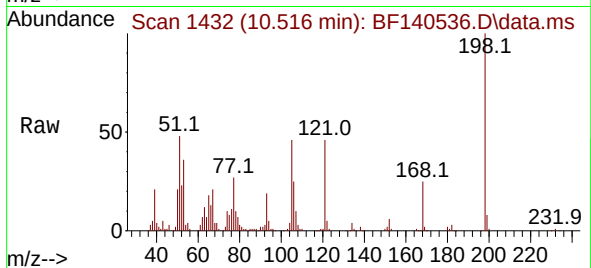




#65
4,6-Dinitro-2-methylphenol
Concen: 41.134 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

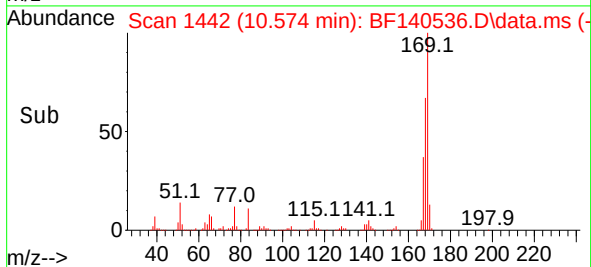
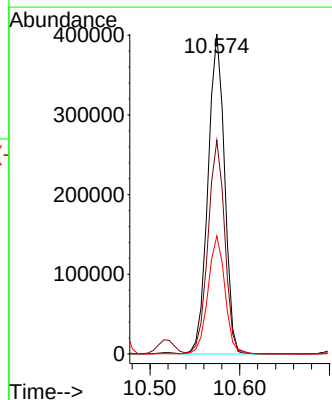
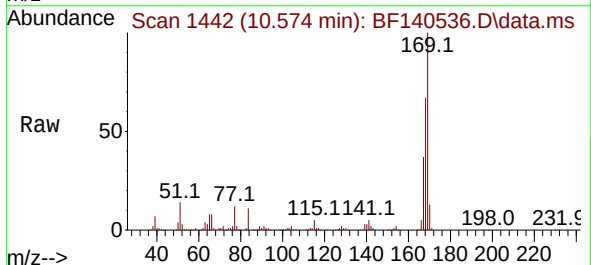
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

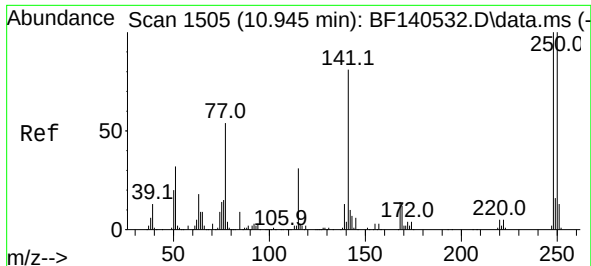
Tgt Ion:198 Resp: 94340
Ion Ratio Lower Upper
198 100
51 48.3 29.4 69.4
105 46.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 38.723 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:169 Resp: 513960
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.9 29.0 43.6

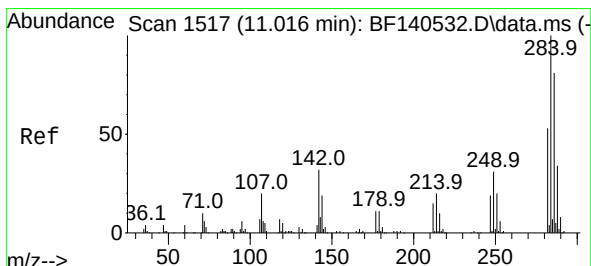
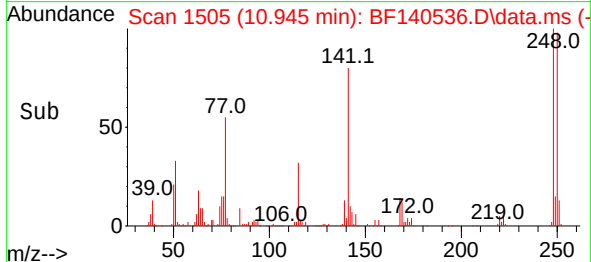
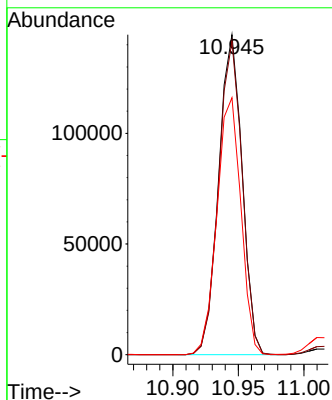
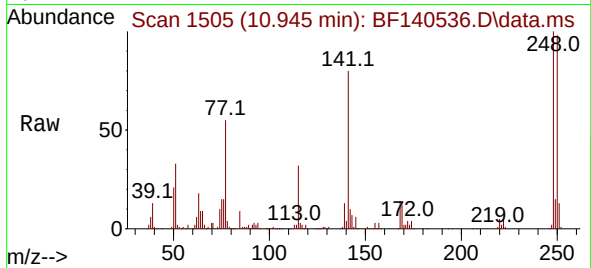




#67
4-Bromophenyl-phenylether
Concen: 38.977 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

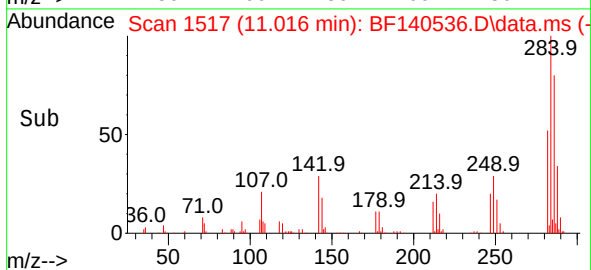
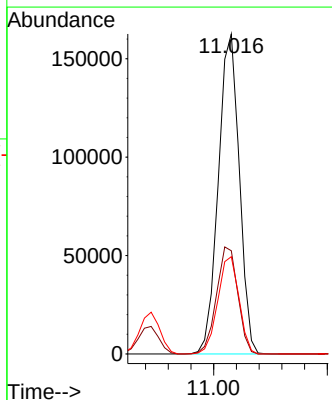
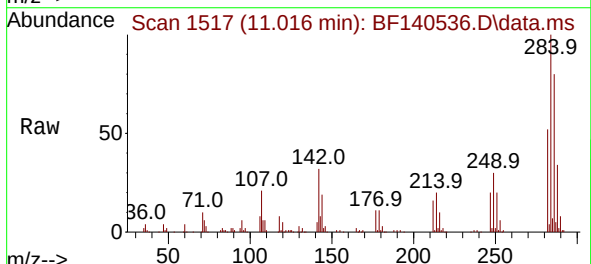
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

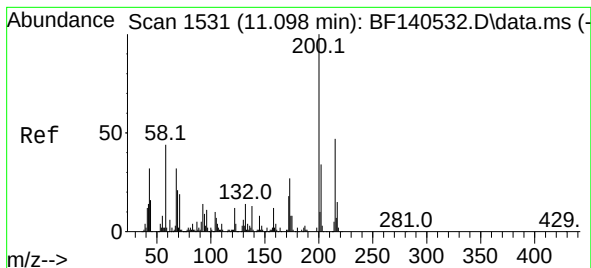
Tgt Ion:248 Resp: 180160
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 80.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 38.974 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:284 Resp: 208589
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 30.4 24.8 37.2





#69

Atrazine

Concen: 34.643 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

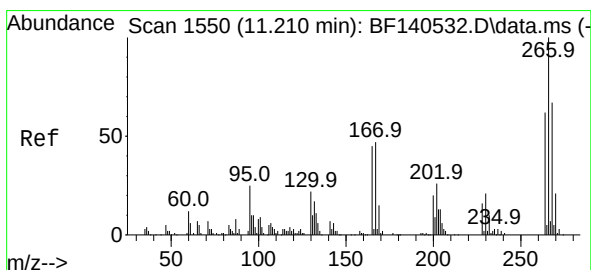
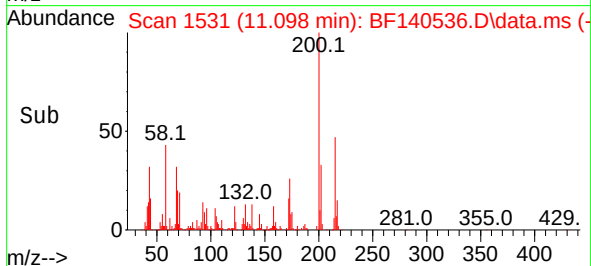
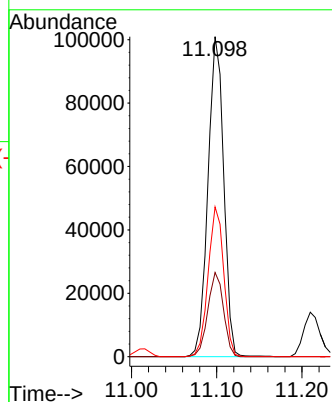
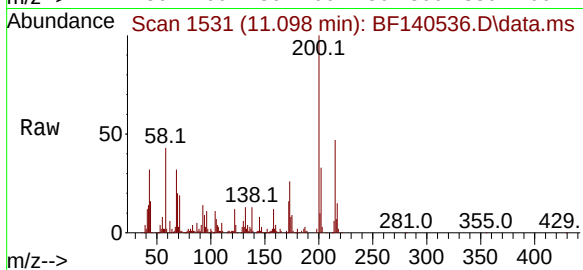
Tgt Ion:200 Resp: 129353

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

215 46.8 26.7 66.7



#70

Pentachlorophenol

Concen: 42.779 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

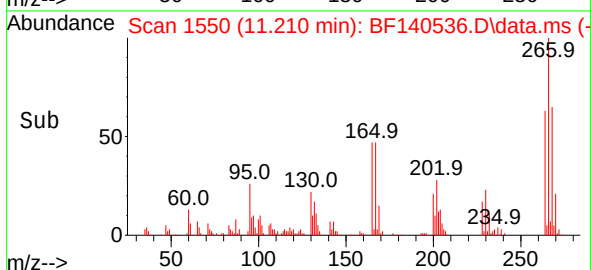
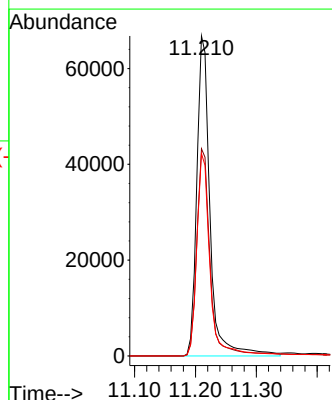
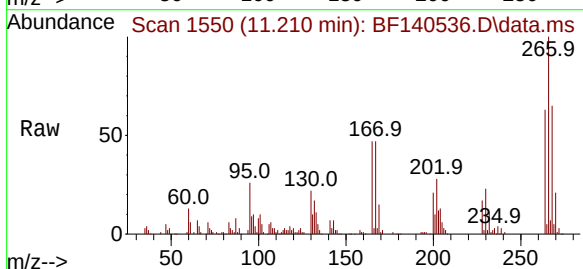
Tgt Ion:266 Resp: 100767

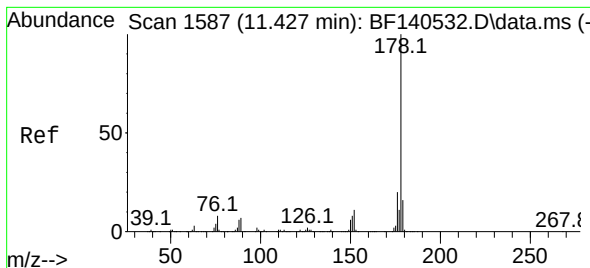
Ion Ratio Lower Upper

266 100

268 64.8 53.7 80.5

264 63.3 49.8 74.8





#71

Phenanthrene

Concen: 38.861 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

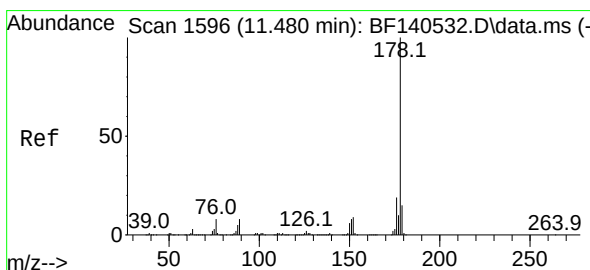
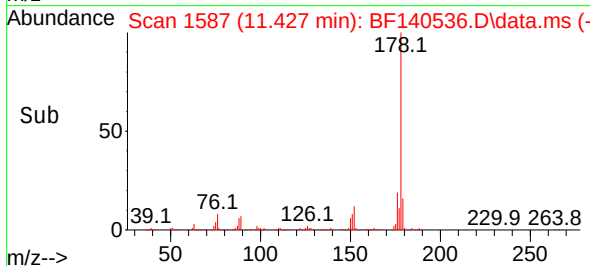
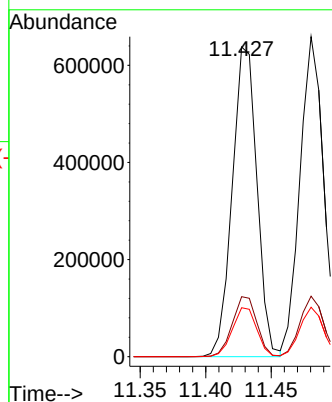
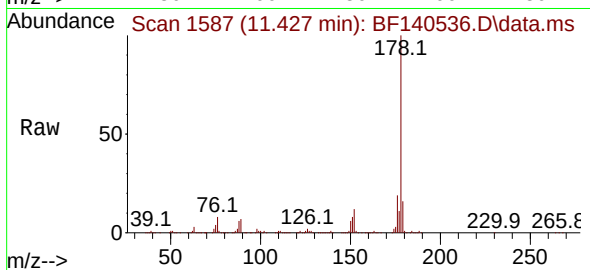
Tgt Ion:178 Resp: 838392

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 15.8 12.4 18.6



#72

Anthracene

Concen: 38.829 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

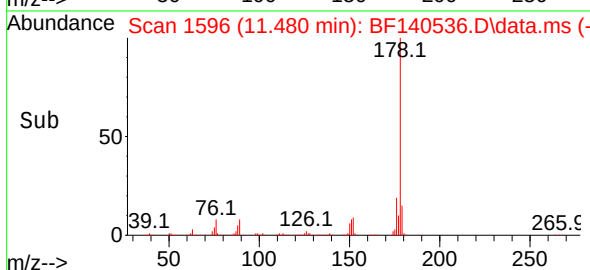
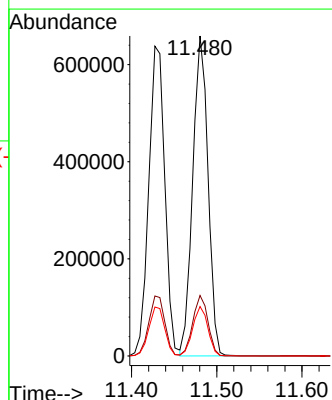
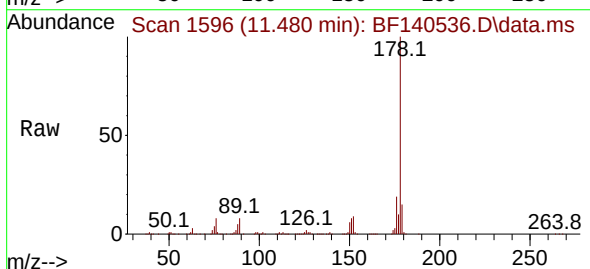
Tgt Ion:178 Resp: 819442

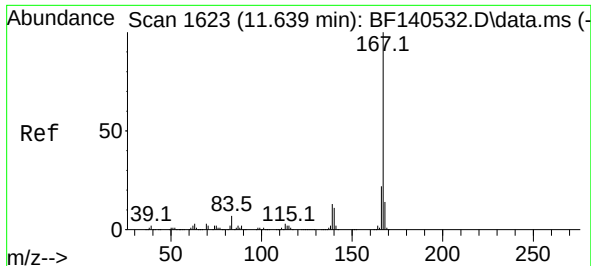
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

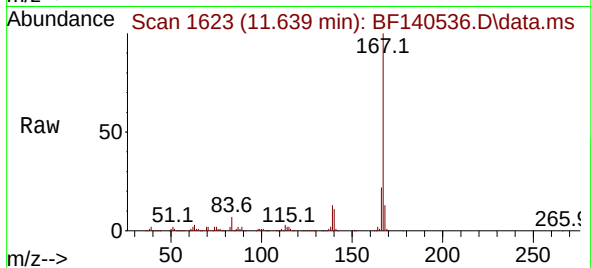
179 15.5 12.2 18.4



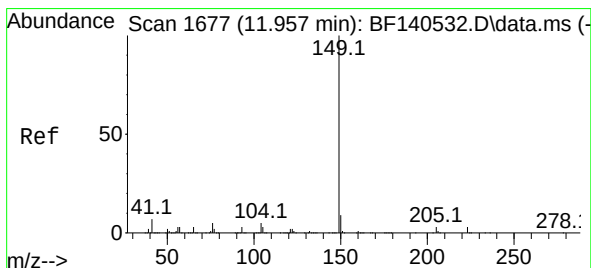
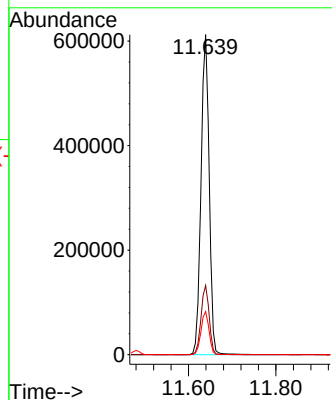
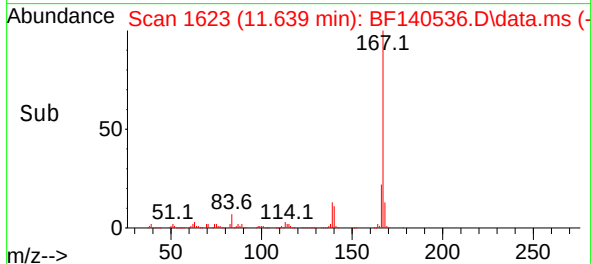


#73
 Carbazole
 Concen: 39.207 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07

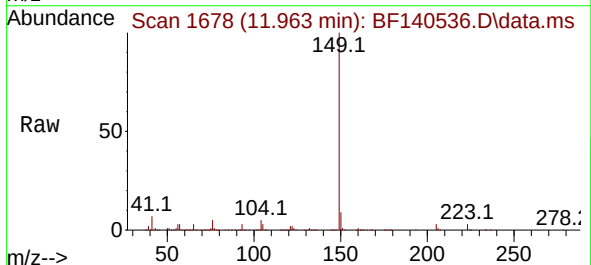
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112124



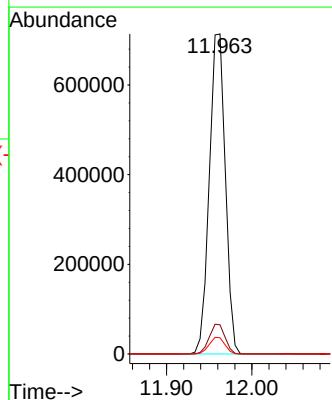
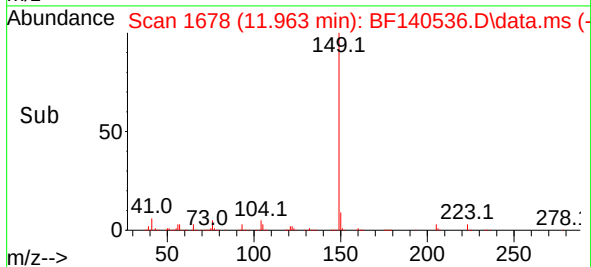
Tgt Ion:167 Resp: 795975
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.4 10.6 15.8

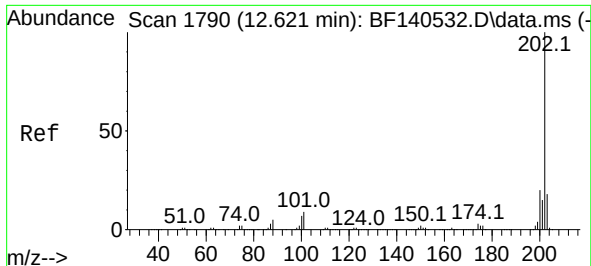


#74
 Di-n-butylphthalate
 Concen: 39.765 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.006 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07



Tgt Ion:149 Resp: 932026
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.1 4.1 6.1

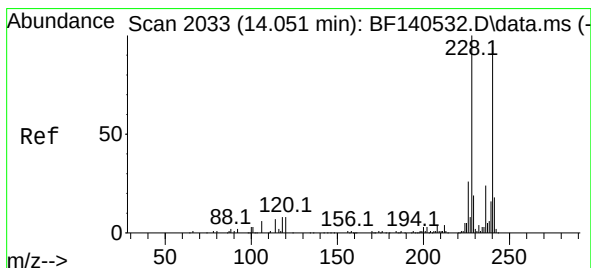
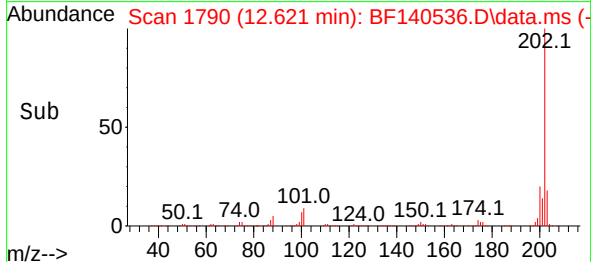
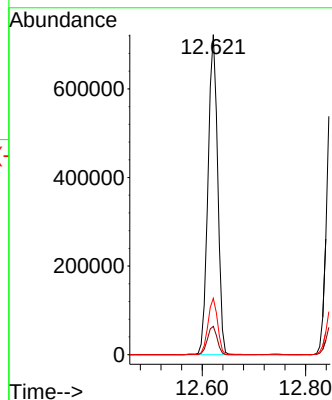
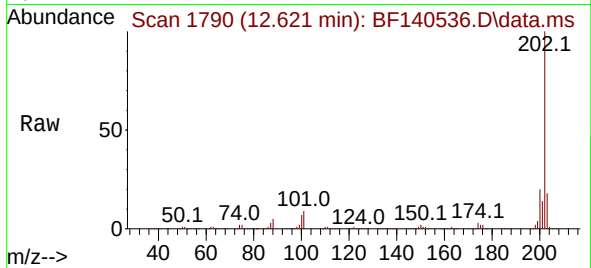




#75
Fluoranthene
Concen: 40.002 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

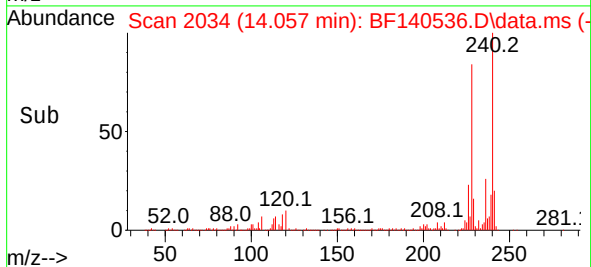
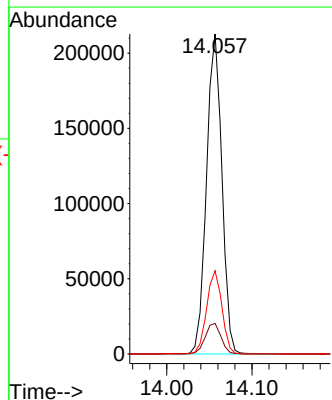
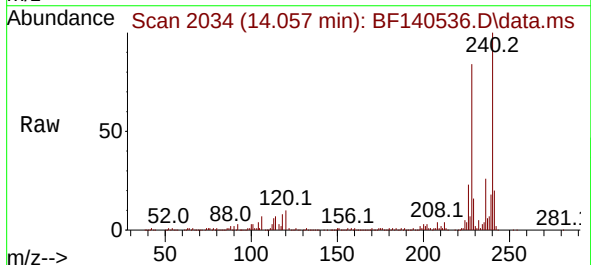
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

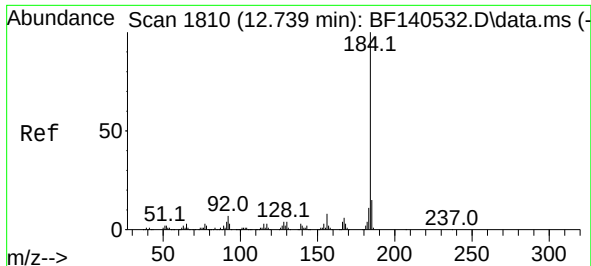
Tgt Ion:202 Resp: 937019
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:240 Resp: 266538
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.0 20.6 31.0

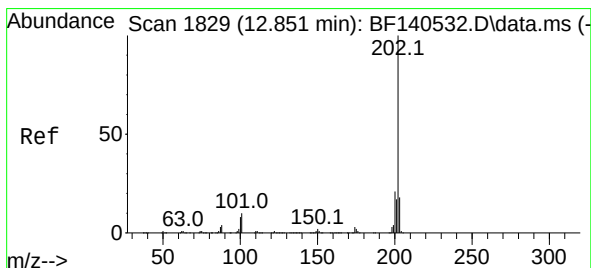
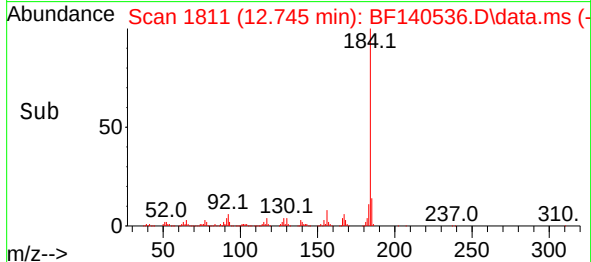
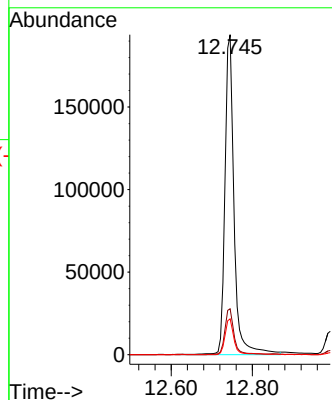
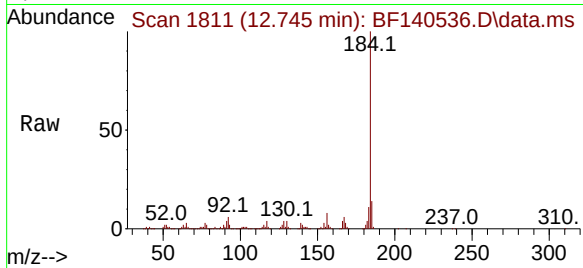




#77
Benzidine
Concen: 39.351 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

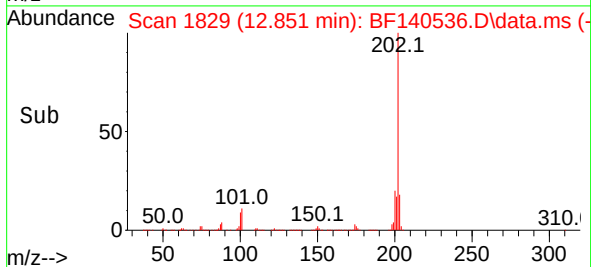
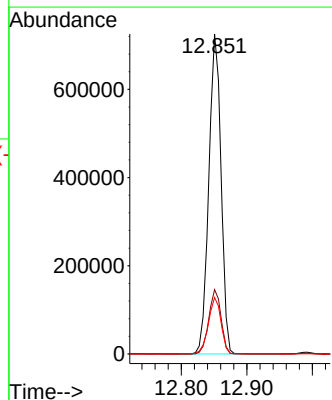
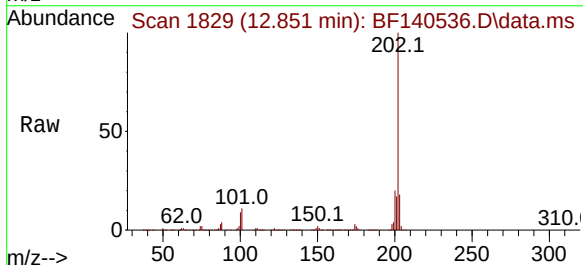
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

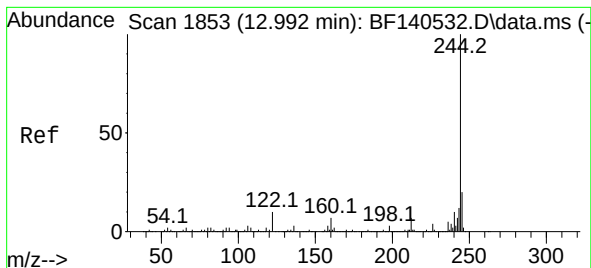
Tgt Ion:184 Resp: 304946
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 38.219 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:202 Resp: 941890
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 75.460 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

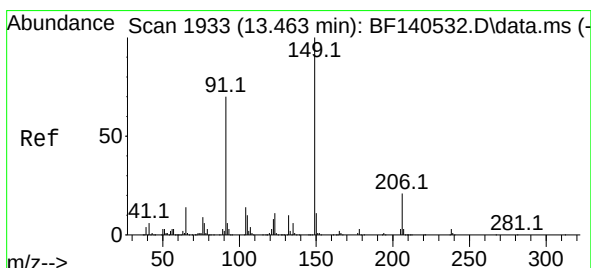
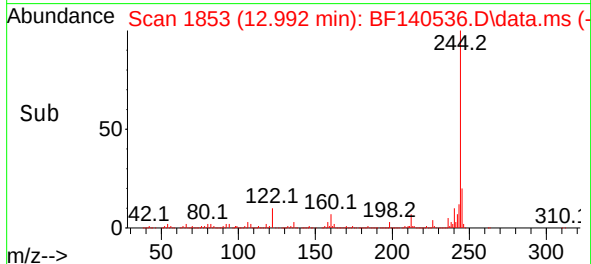
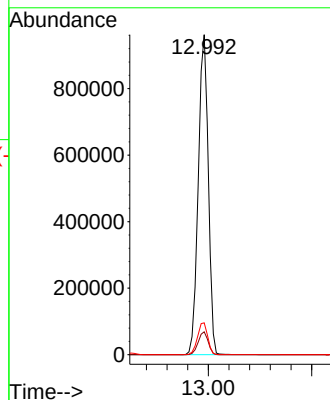
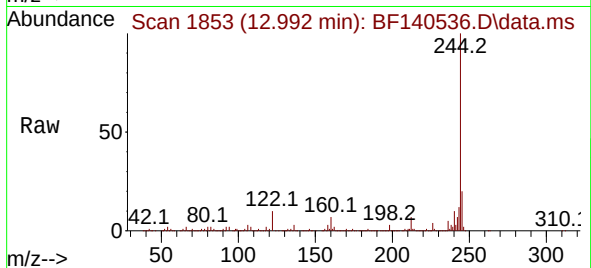
Tgt Ion:244 Resp: 1291669

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.9 8.0 12.0



#80

Butylbenzylphthalate

Concen: 40.542 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

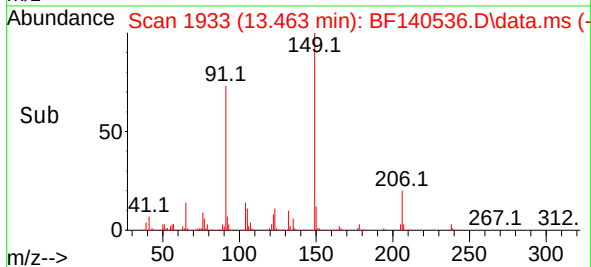
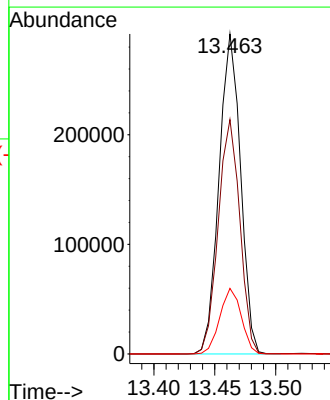
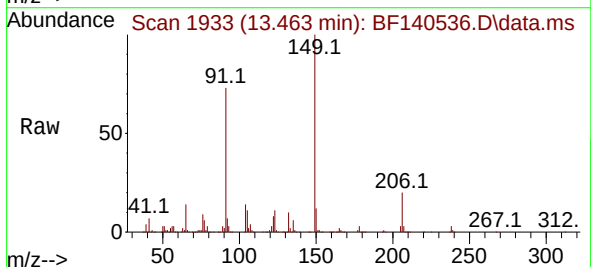
Tgt Ion:149 Resp: 359930

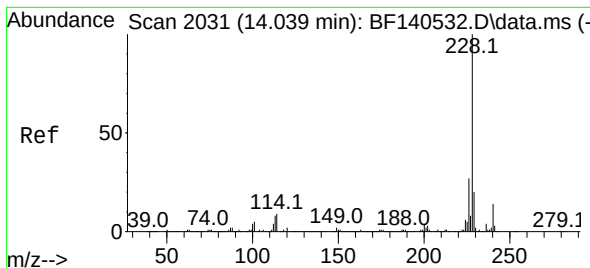
Ion Ratio Lower Upper

149 100

91 73.3 56.2 84.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.723 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

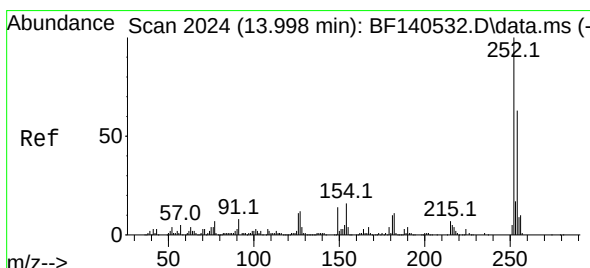
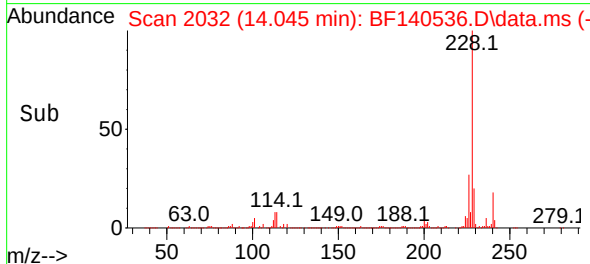
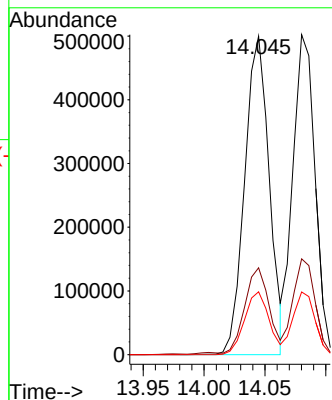
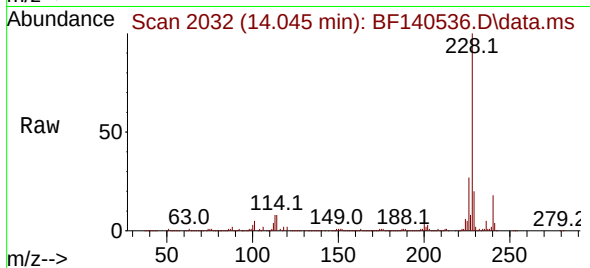
Tgt Ion:228 Resp: 700865

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 41.011 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

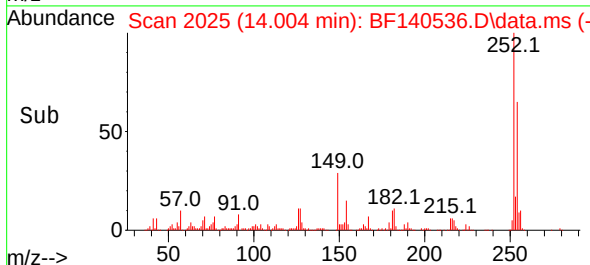
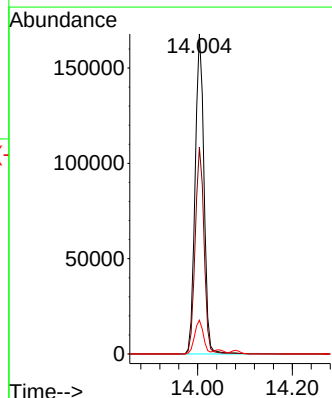
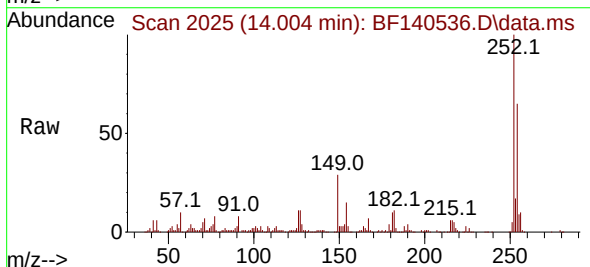
Tgt Ion:252 Resp: 217249

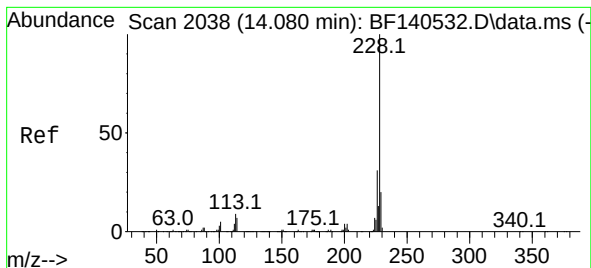
Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

126 10.6 8.6 13.0





#83

Chrysene

Concen: 39.406 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

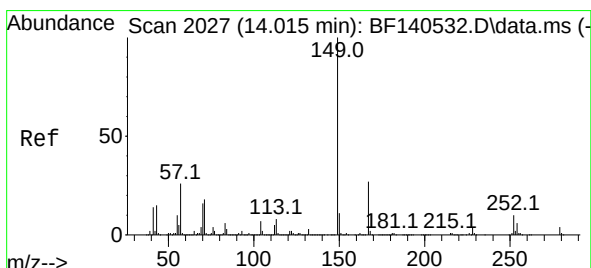
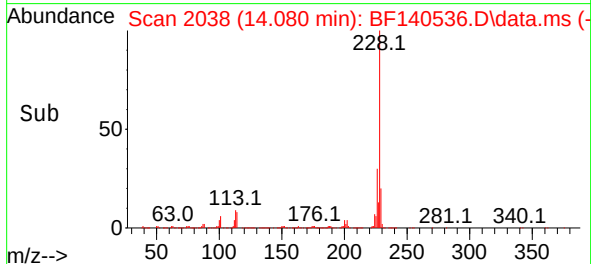
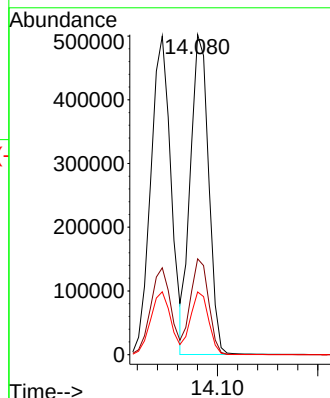
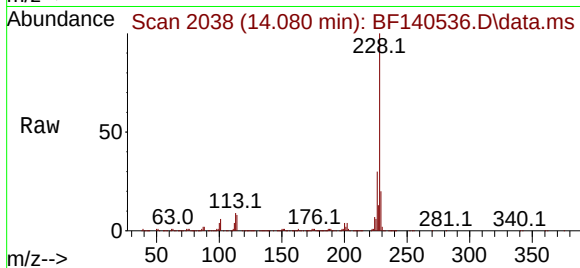
Tgt Ion:228 Resp: 635750

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.823 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

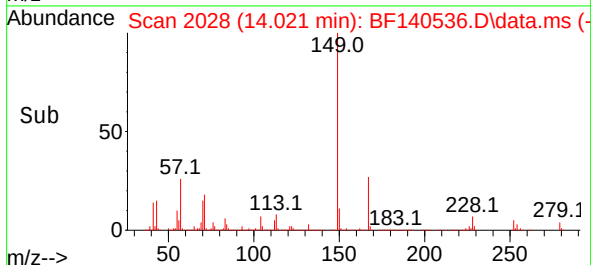
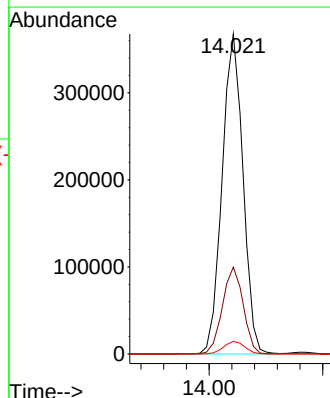
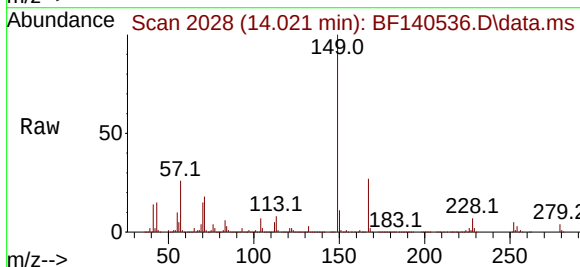
Tgt Ion:149 Resp: 468853

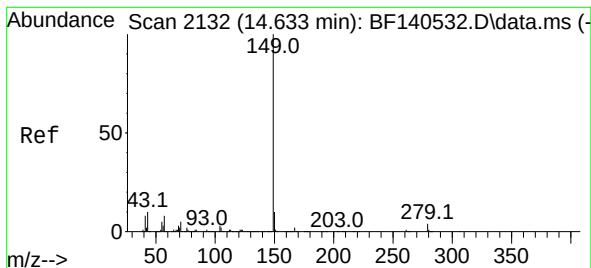
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.965 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

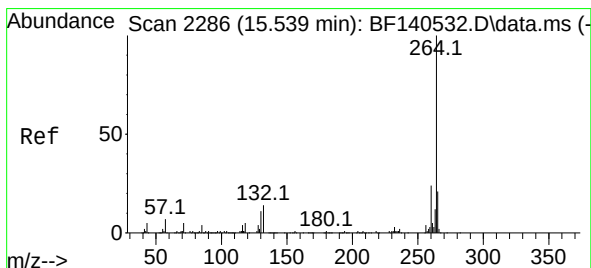
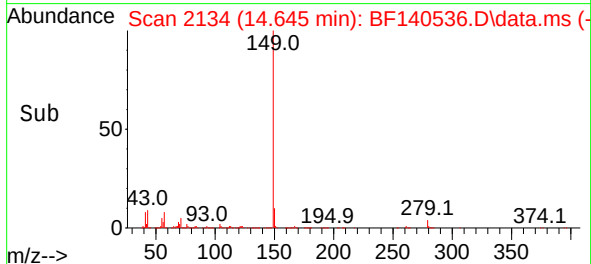
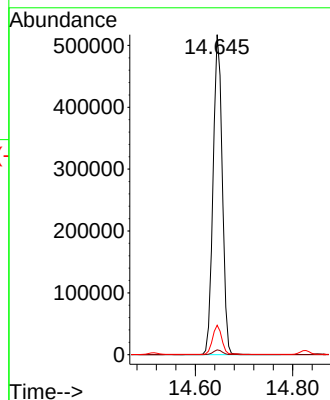
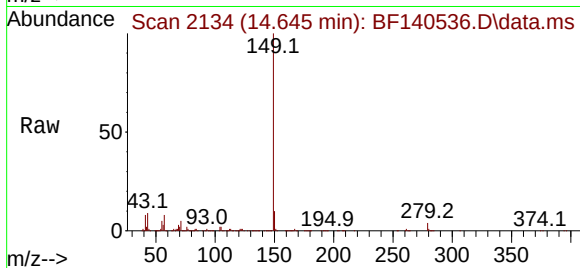
Tgt Ion:149 Resp: 673561

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

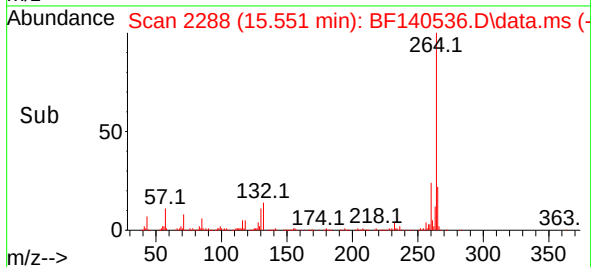
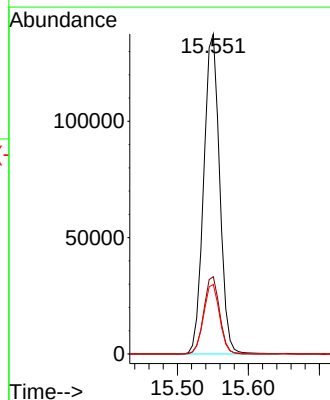
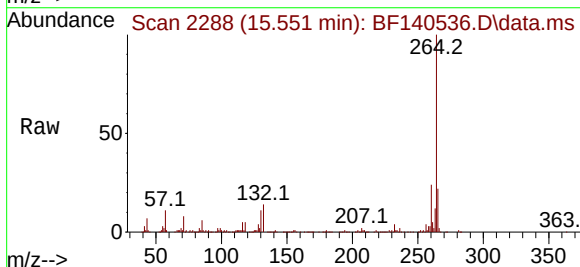
Tgt Ion:264 Resp: 215076

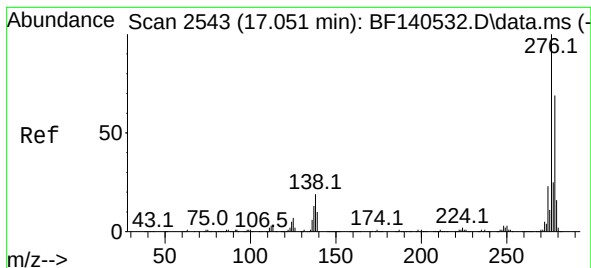
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.995 ng

RT: 17.062 min Scan# 2545

Delta R.T. 0.012 min

Lab File: BF140536.D

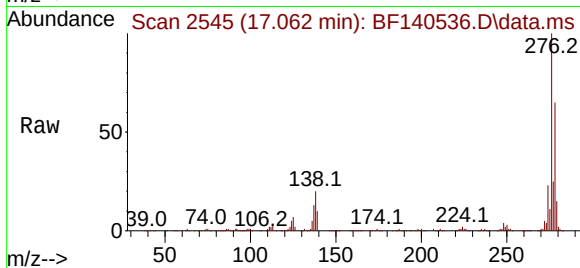
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



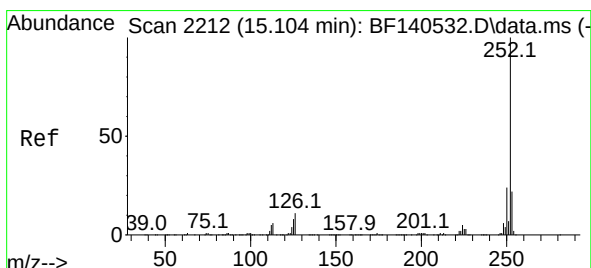
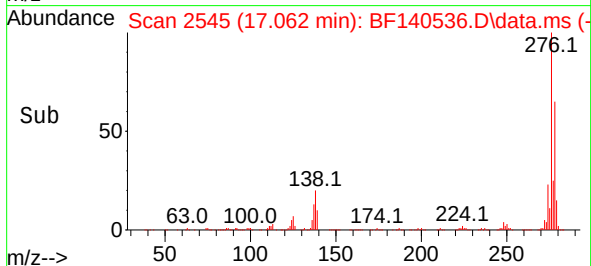
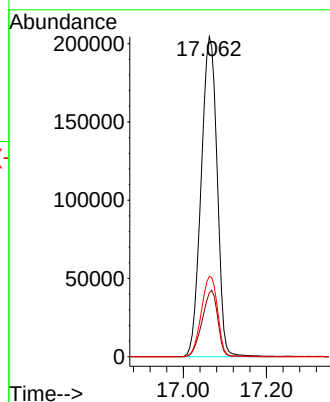
Tgt Ion:276 Resp: 546567

Ion Ratio Lower Upper

276 100

138 20.2 15.5 23.3

277 25.6 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.850 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

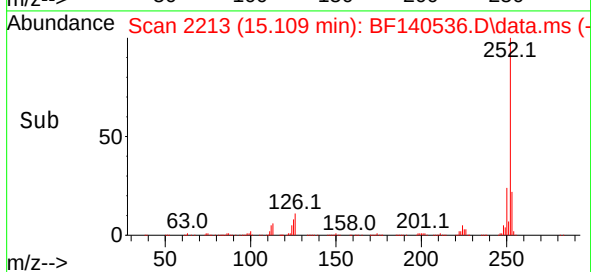
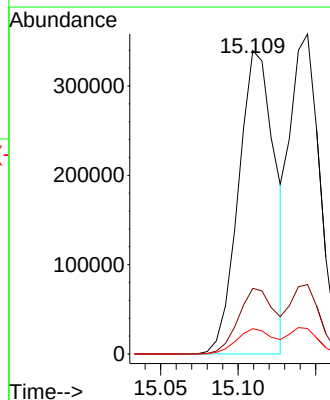
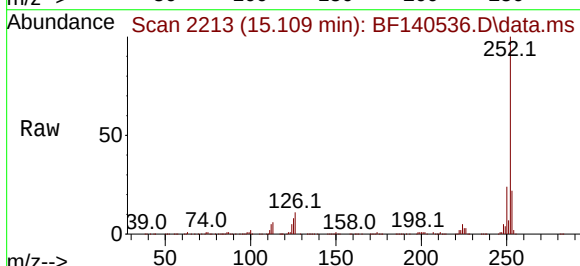
Tgt Ion:252 Resp: 551853

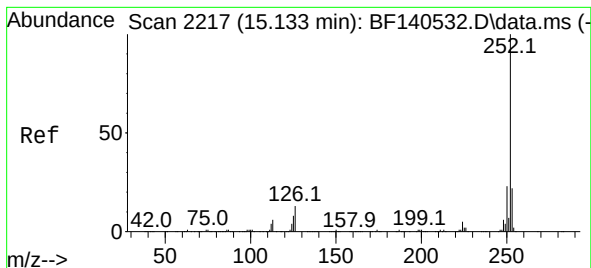
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 40.110 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

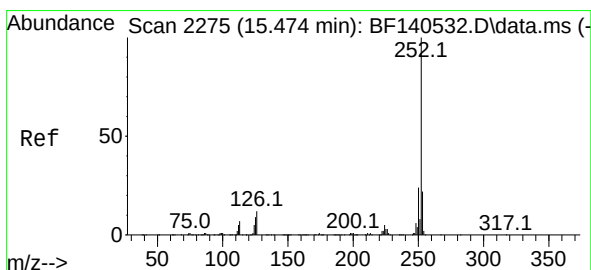
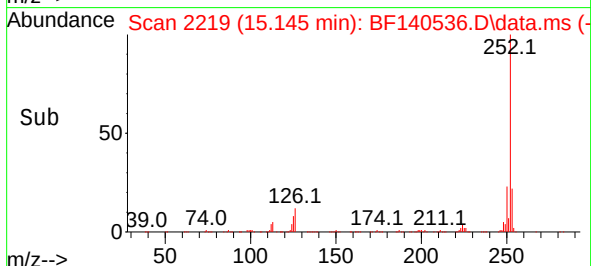
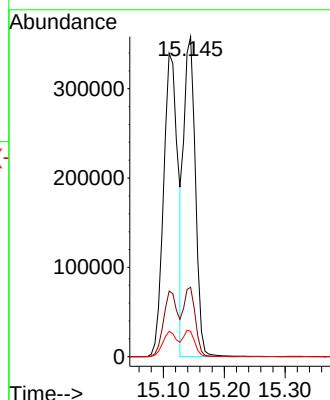
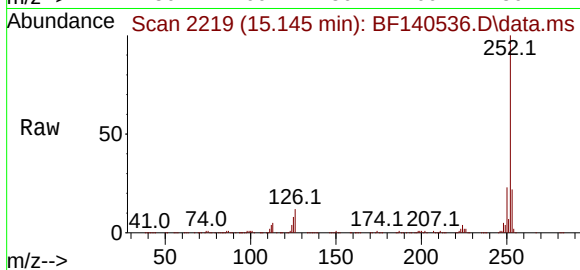
Tgt Ion:252 Resp: 474176

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.9 6.5 9.7



#90

Benzo(a)pyrene

Concen: 40.041 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

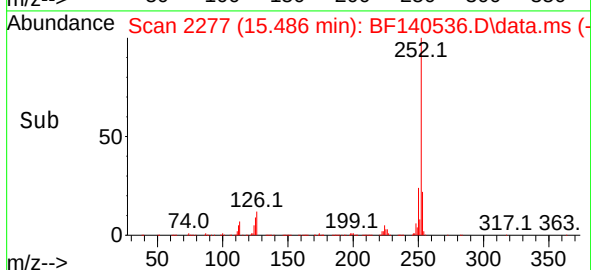
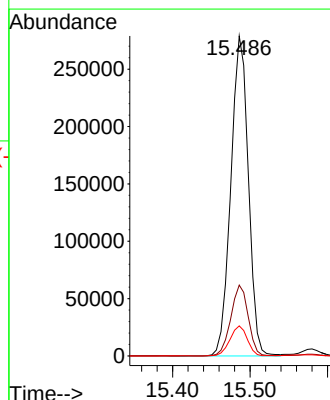
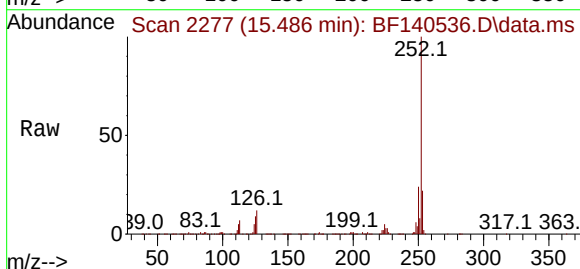
Tgt Ion:252 Resp: 439811

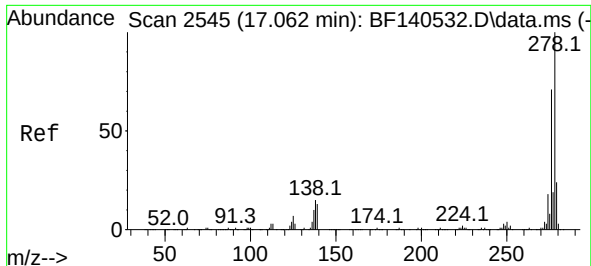
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.4 7.0 10.6

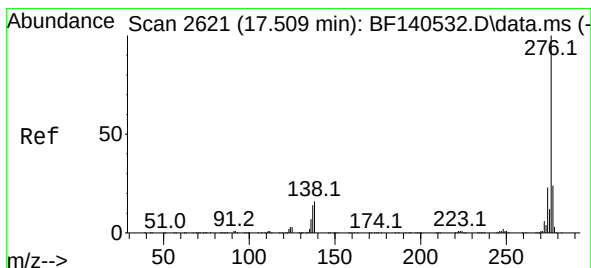
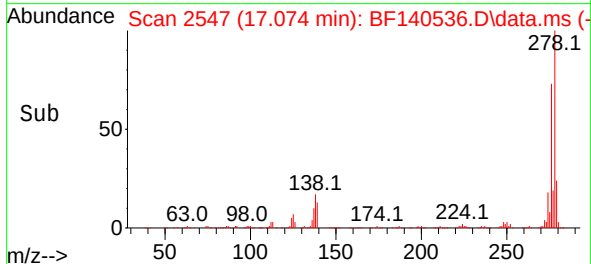
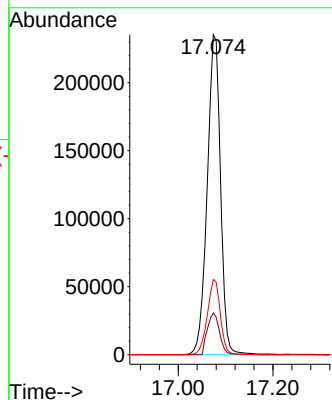
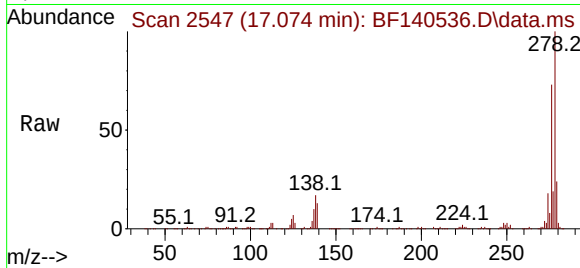




#91
Dibenzo(a,h)anthracene
Concen: 40.052 ng
RT: 17.074 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

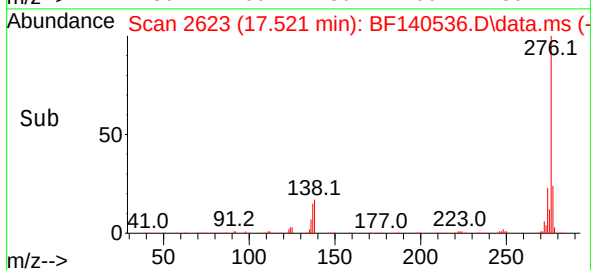
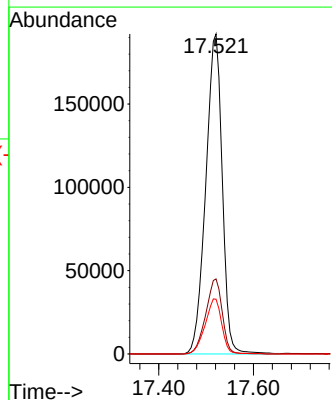
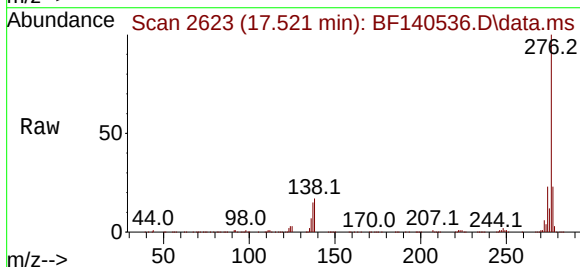
Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:278 Resp: 459746
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 39.591 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:276 Resp: 463747
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 17.1 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92885	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	346239	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	189814	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	363500	20.000	ng	0.00
76) Chrysene-d12	14.051	240	224946	20.000	ng	0.00
86) Perylene-d12	15.551	264	187010	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	465317	85.474	ng	0.00
7) Phenol-d6	6.510	99	610888	84.881	ng	0.00
23) Nitrobenzene-d5	7.434	82	560358	82.782	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	173577	85.503	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1061518	83.324	ng	-0.01
79) Terphenyl-d14	12.980	244	1160825	80.355	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	100896	44.081	ng	97
3) Pyridine	3.387	79	226988	45.072	ng	99
4) n-Nitrosodimethylamine	3.352	42	123101	41.590	ng	95
6) Aniline	6.534	93	238703	47.122	ng	89
8) 2-Chlorophenol	6.657	128	253095	43.213	ng	96
9) Benzaldehyde	6.422	77	144377	37.894	ng	97
10) Phenol	6.528	94	321134	43.692	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	238461	42.398	ng	99
12) 1,3-Dichlorobenzene	6.804	146	276244	41.976	ng	99
13) 1,4-Dichlorobenzene	6.881	146	283097	42.484	ng	99
14) 1,2-Dichlorobenzene	7.034	146	263935	42.270	ng	99
15) Benzyl Alcohol	7.016	79	219516	41.129	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	271607	40.876	ng	79
17) 2-Methylphenol	7.134	107	198206	42.276	ng	95
18) Hexachloroethane	7.375	117	102767	41.293	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	173362	40.758	ng	97
20) 3+4-Methylphenols	7.287	107	258788	42.944	ng	# 79
22) Acetophenone	7.275	105	352947	41.813	ng	94
24) Nitrobenzene	7.451	77	290315	41.497	ng	98
25) Isophorone	7.687	82	463484	41.052	ng	99
26) 2-Nitrophenol	7.769	139	133835	43.168	ng	94
27) 2,4-Dimethylphenol	7.804	122	156863	42.287	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	283632	41.237	ng	99
29) 2,4-Dichlorophenol	8.022	162	211966	43.123	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	236722	42.180	ng	99
31) Naphthalene	8.169	128	750453	42.079	ng	99
32) Benzoic acid	7.957	122	137515	43.409	ng	98
33) 4-Chloroaniline	8.228	127	242443	45.404	ng	98
34) Hexachlorobutadiene	8.281	225	153128	41.194	ng	99
35) Caprolactam	8.598	113	66720	43.862	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	234815	42.668	ng	100
37) 2-Methylnaphthalene	8.857	142	475327	41.962	ng	100
38) 1-Methylnaphthalene	8.957	142	468155	42.163	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	233383	41.999	ng	99
41) Hexachlorocyclopentadiene	9.010	237	35211	32.913	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	147039	42.170	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

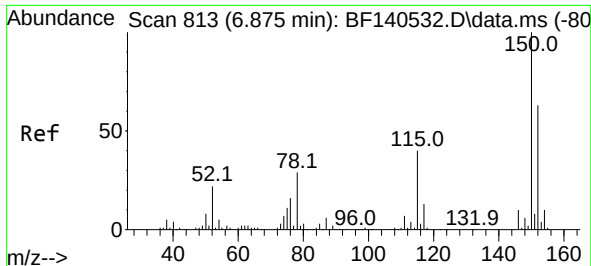
Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160393	42.385	ng	97
46) 1,1'-Biphenyl	9.322	154	592420	41.803	ng	100
47) 2-Chloronaphthalene	9.351	162	454016	42.280	ng	99
48) 2-Nitroaniline	9.457	65	147770	42.872	ng	95
49) Acenaphthylene	9.769	152	687115	42.350	ng	100
50) Dimethylphthalate	9.622	163	517989	41.436	ng	100
51) 2,6-Dinitrotoluene	9.692	165	121961	43.017	ng	99
52) Acenaphthene	9.939	154	431042	41.812	ng	99
53) 3-Nitroaniline	9.869	138	126289	45.543	ng	94
54) 2,4-Dinitrophenol	9.986	184	69941	50.797	ng	93
55) Dibenzofuran	10.110	168	654473	41.621	ng	100
56) 4-Nitrophenol	10.051	139	110649	58.509	ng	92
57) 2,4-Dinitrotoluene	10.104	165	163601	43.418	ng	95
58) Fluorene	10.457	166	537820	42.611	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129536	44.540	ng	92
60) Diethylphthalate	10.322	149	514575	40.514	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	255101	41.184	ng	98
62) 4-Nitroaniline	10.486	138	136029	46.773	ng	95
63) Azobenzene	10.604	77	491918	40.898	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	89900	48.398	ng	98
66) n-Nitrosodiphenylamine	10.563	169	448621	41.734	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	155300	41.485	ng	96
68) Hexachlorobenzene	11.004	284	182807	42.174	ng	98
69) Atrazine	11.092	200	96773	32.001	ng	100
70) Pentachlorophenol	11.210	266	73419	38.484	ng	99
71) Phenanthrene	11.422	178	737773	42.223	ng	100
72) Anthracene	11.475	178	738326	43.197	ng	100
73) Carbazole	11.633	167	732751	44.564	ng	100
74) Di-n-butylphthalate	11.951	149	776970	40.930	ng	99
75) Fluoranthene	12.616	202	843217	44.447	ng	100
77) Benzidine	12.739	184	343811	52.569	ng	99
78) Pyrene	12.845	202	864572	41.568	ng	99
80) Butylbenzylphthalate	13.451	149	293415	39.160	ng	98
81) Benzo(a)anthracene	14.039	228	622623	41.813	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	192950	43.159	ng	100
83) Chrysene	14.080	228	573223	42.100	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	333077	35.205	ng	100
85) Di-n-octyl phthalate	14.639	149	431470	33.370	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	518227	42.522	ng	98
88) Benzo(b)fluoranthene	15.116	252	535631	45.600	ng	100
89) Benzo(k)fluoranthene	15.145	252	398082	38.727	ng	99
90) Benzo(a)pyrene	15.492	252	405609	42.469	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	426039	42.685	ng	99
92) Benzo(g,h,i)perylene	17.533	276	447357	43.923	ng	99

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

Quant Time: Dec 09 14:00:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

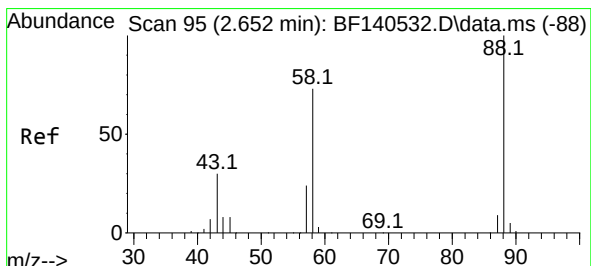
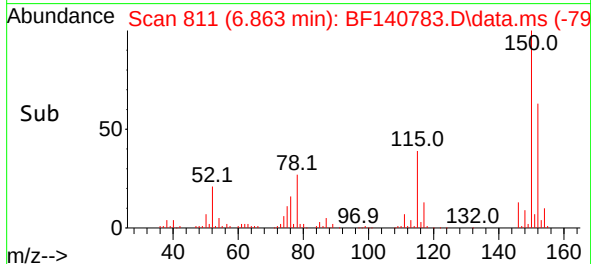
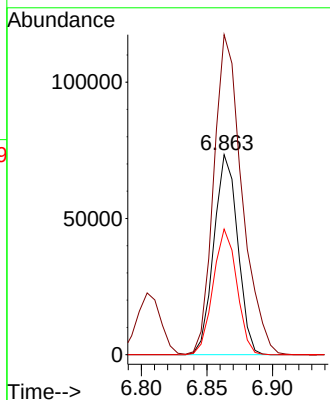
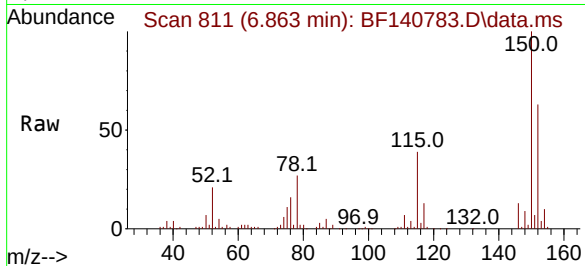




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

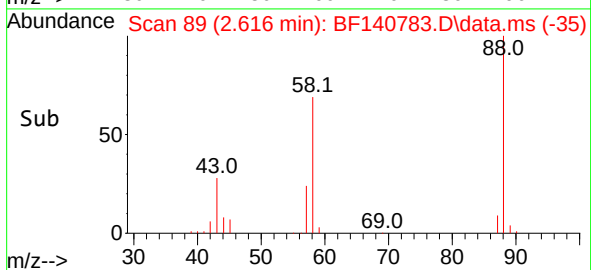
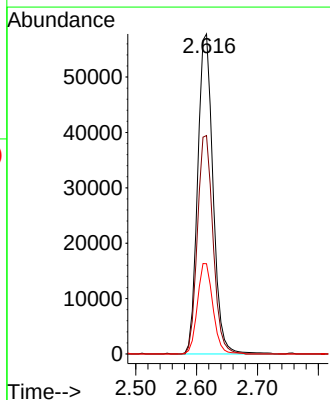
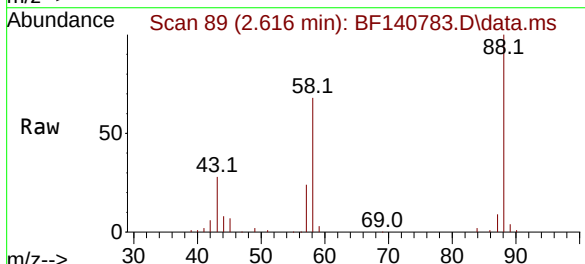
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

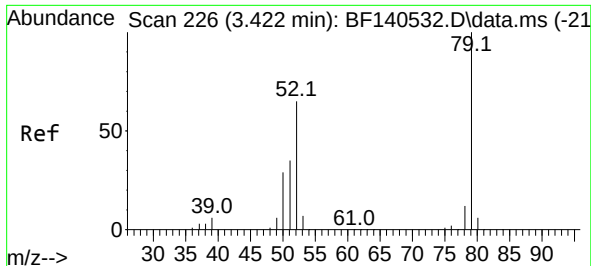
Tgt Ion:152 Resp: 92885
 Ion Ratio Lower Upper
 152 100
 150 160.0 128.5 192.7
 115 62.8 50.2 75.4



#2
 1,4-Dioxane
 Concen: 44.081 ng
 RT: 2.616 min Scan# 89
 Delta R.T. -0.035 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

Tgt Ion: 88 Resp: 100896
 Ion Ratio Lower Upper
 88 100
 58 69.3 57.4 86.2
 43 28.5 24.3 36.5





#3

Pyridine

Concen: 45.072 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

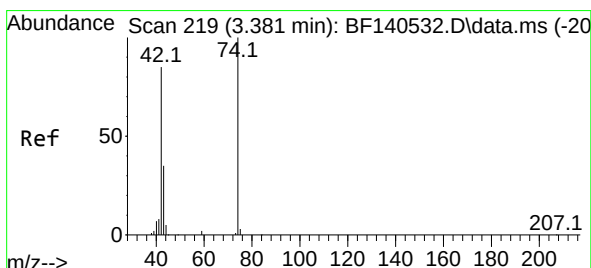
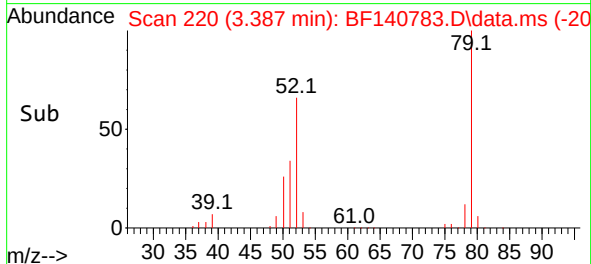
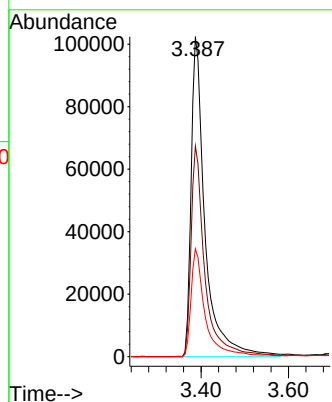
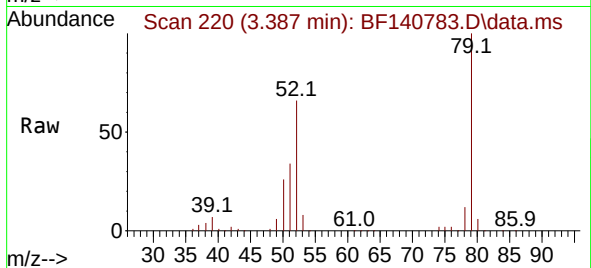
Tgt Ion: 79 Resp: 226988

Ion Ratio Lower Upper

79 100

52 65.9 52.1 78.1

51 33.7 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.590 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.029 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

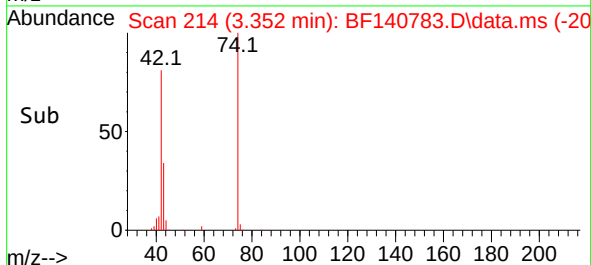
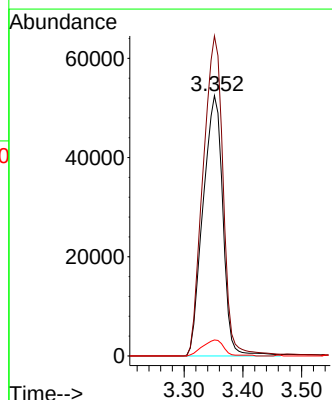
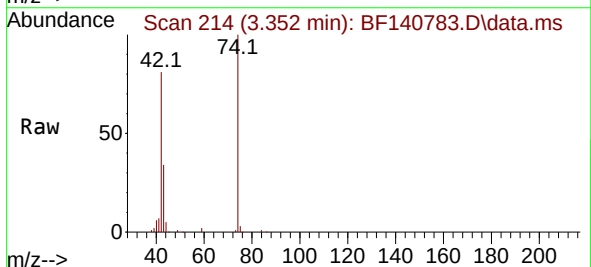
Tgt Ion: 42 Resp: 123101

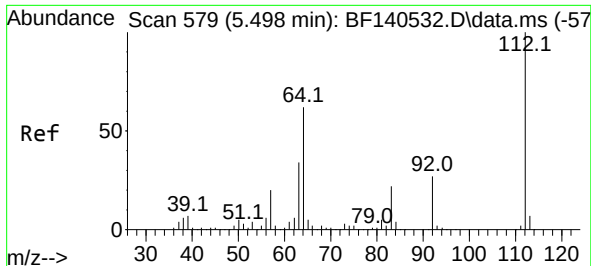
Ion Ratio Lower Upper

42 100

74 123.0 93.8 140.6

44 6.1 4.6 6.8

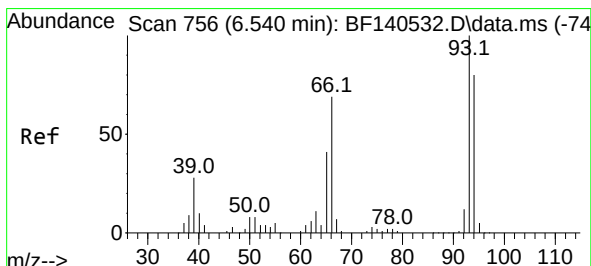
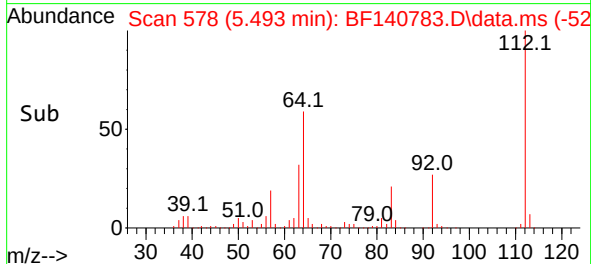
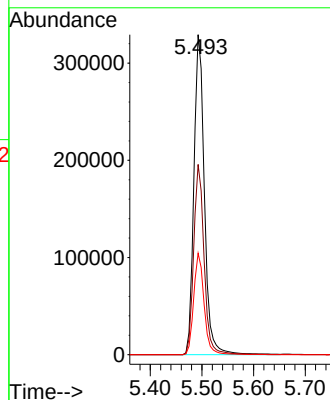
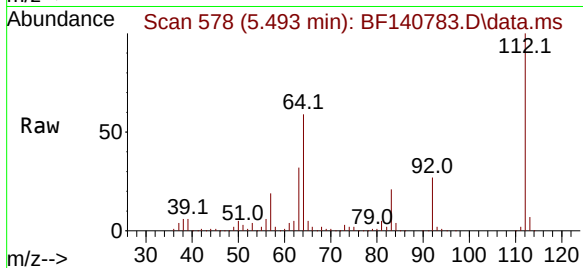




#5
2-Fluorophenol
Concen: 85.474 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

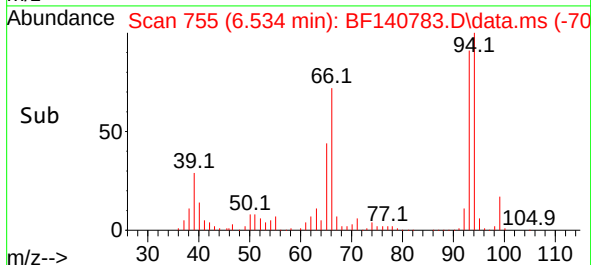
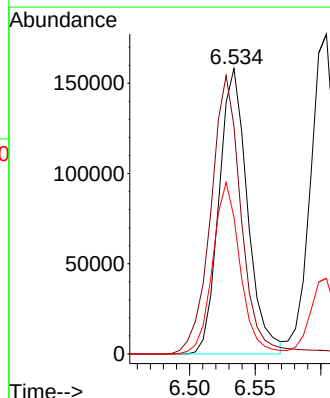
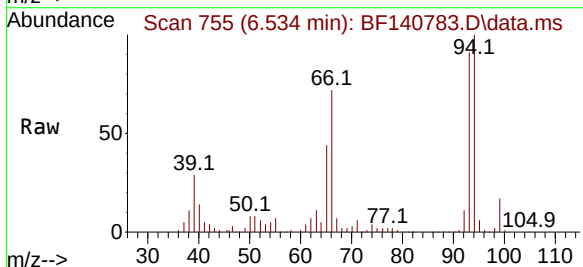
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

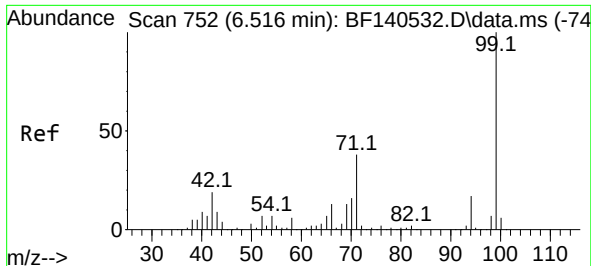
Tgt Ion:112 Resp: 465317
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.7 27.0 40.4



#6
Aniline
Concen: 47.122 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 93 Resp: 238703
Ion Ratio Lower Upper
93 100
66 79.9 56.5 84.7
65 48.0 32.9 49.3

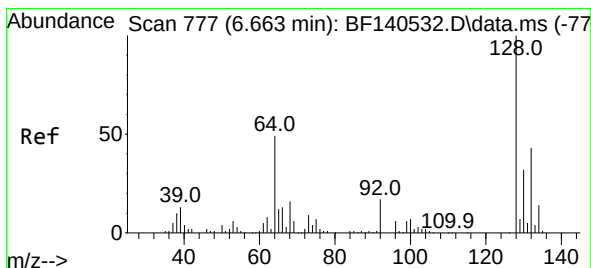
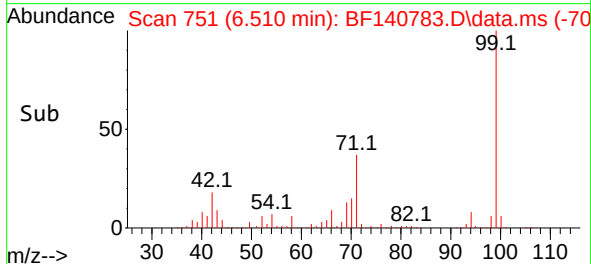
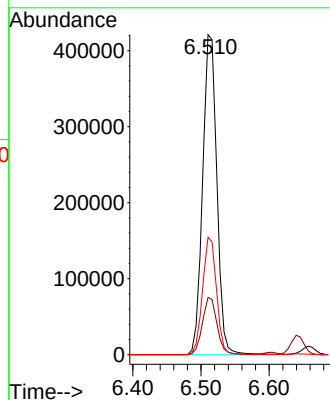
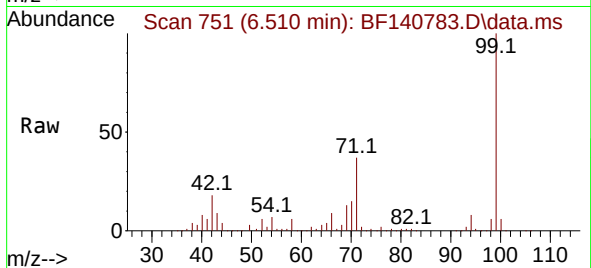




#7
Phenol-d6
Concen: 84.881 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

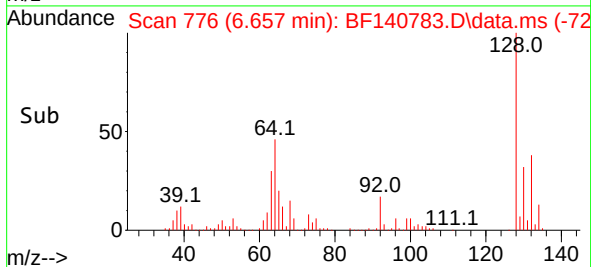
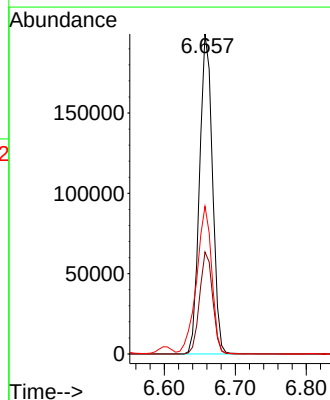
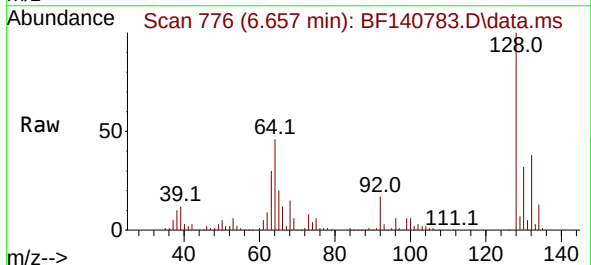
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

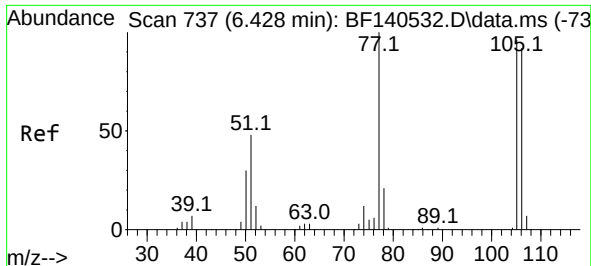
Tgt Ion: 99 Resp: 610888
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.7 30.6 46.0



#8
2-Chlorophenol
Concen: 43.213 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:128 Resp: 253095
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 46.2 30.2 70.2





#9

Benzaldehyde

Concen: 37.894 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

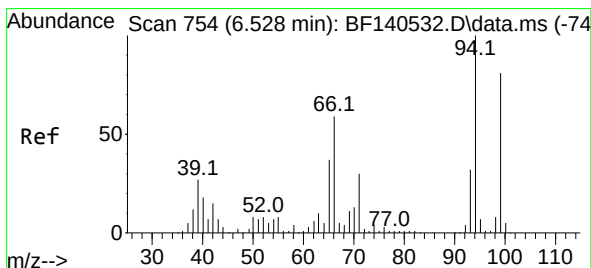
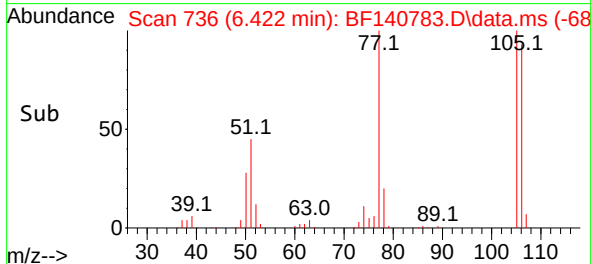
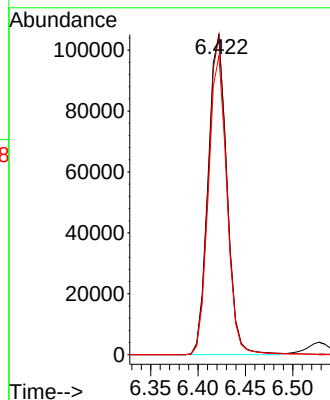
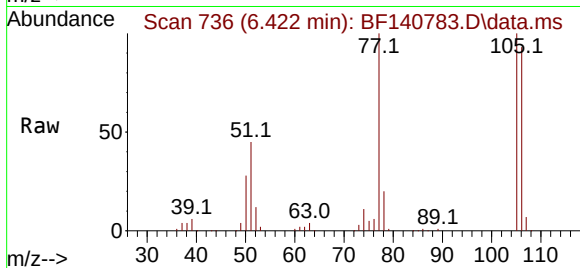
Tgt Ion: 77 Resp: 144377

Ion Ratio Lower Upper

77 100

105 99.5 75.6 115.6

106 93.4 72.0 112.0



#10

Phenol

Concen: 43.692 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

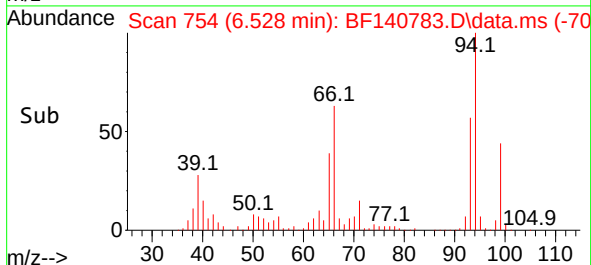
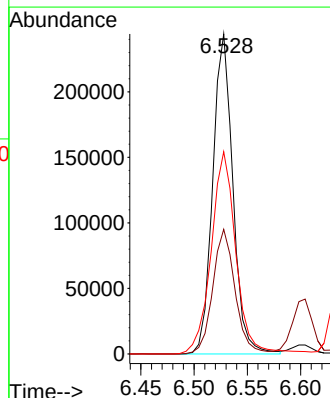
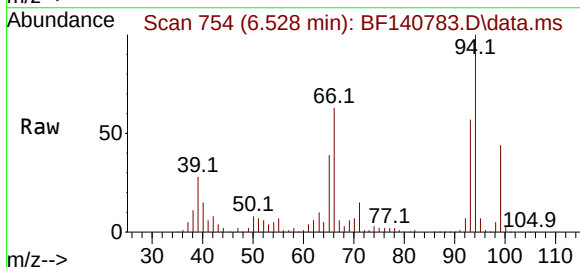
Tgt Ion: 94 Resp: 321134

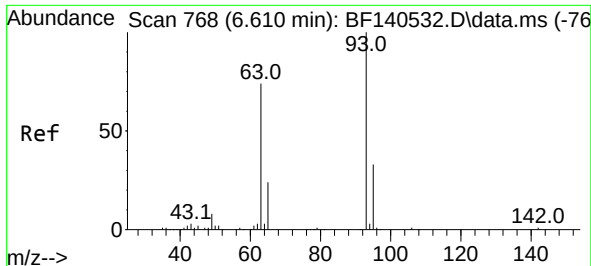
Ion Ratio Lower Upper

94 100

65 38.9 17.2 57.2

66 63.2 39.2 79.2

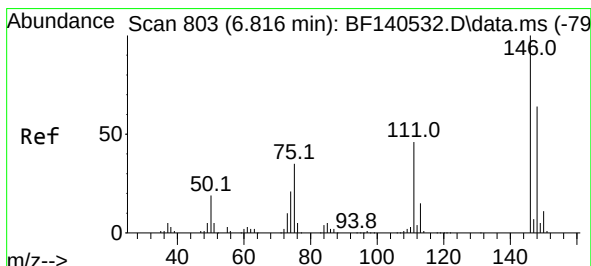
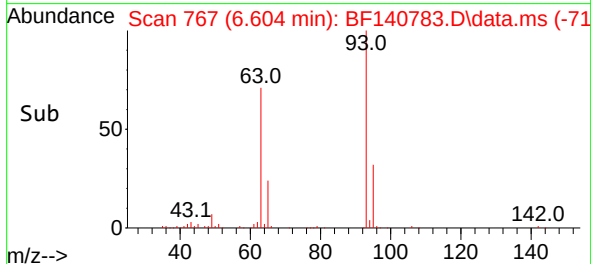
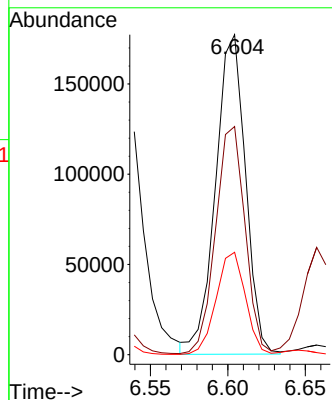
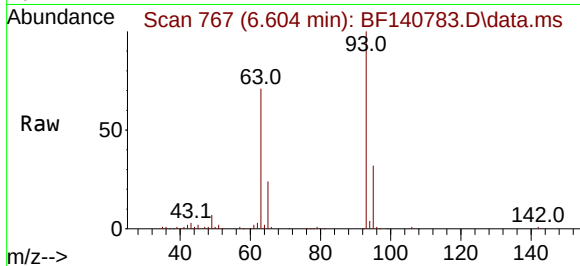




#11
bis(2-Chloroethyl)ether
Concen: 42.398 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

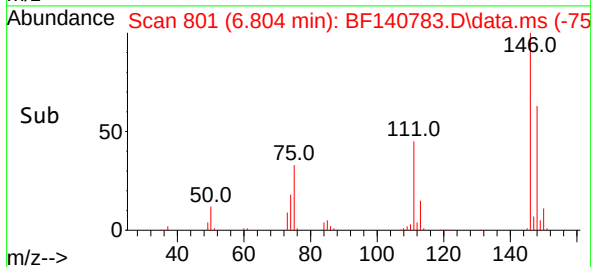
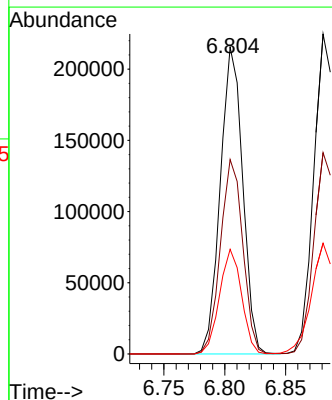
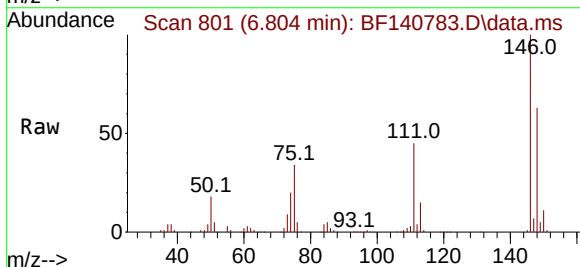
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ClientSampleId :
SSTDCCC040

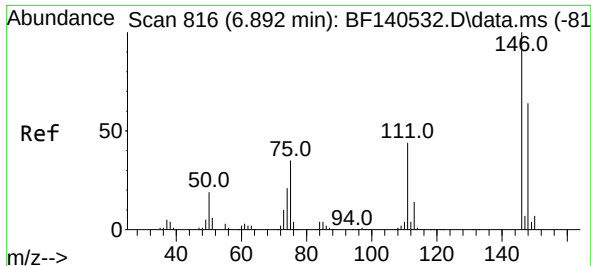
Tgt Ion: 93 Resp: 238461
Ion Ratio Lower Upper
93 100
63 71.3 52.8 92.8
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.976 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:146 Resp: 276244
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 34.1 28.2 42.2

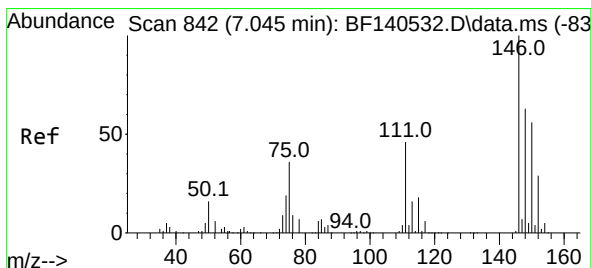
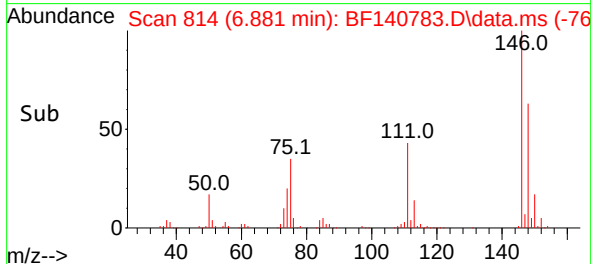
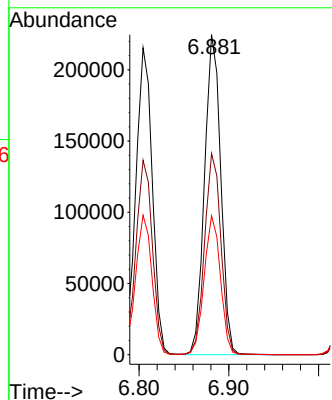
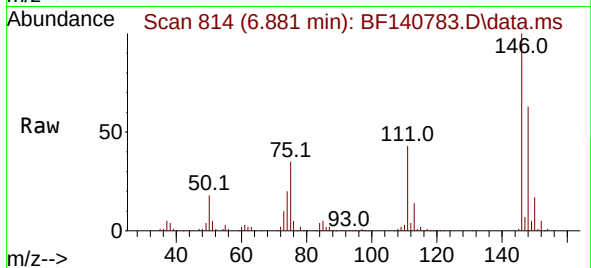




#13
1,4-Dichlorobenzene
Concen: 42.484 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

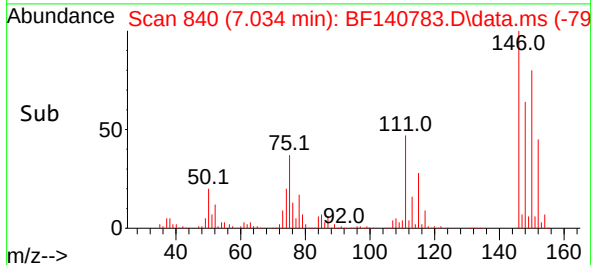
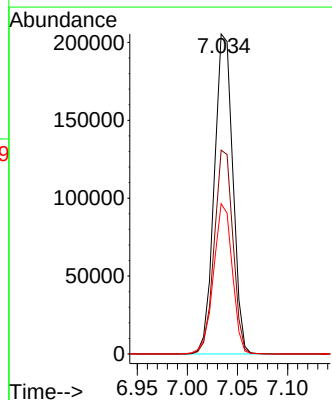
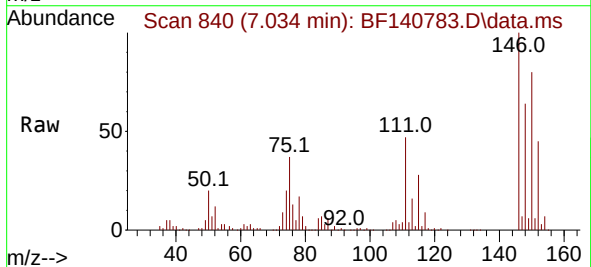
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

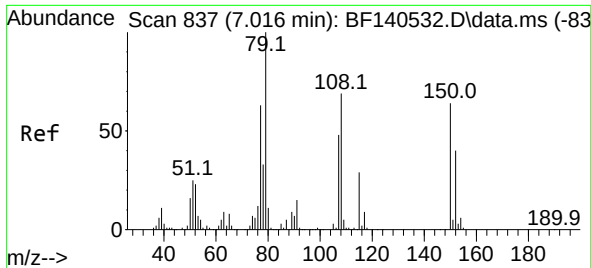
Tgt Ion:146 Resp: 283097
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 43.4 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 42.270 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:146 Resp: 263935
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 46.9 36.7 55.1

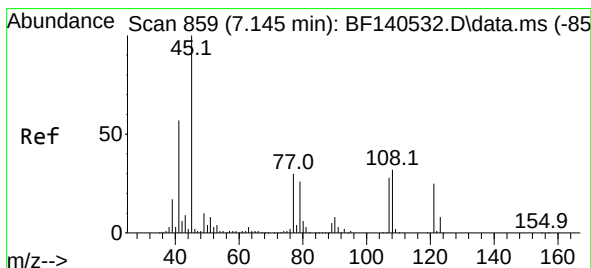
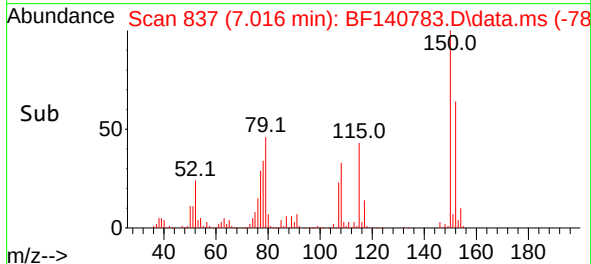
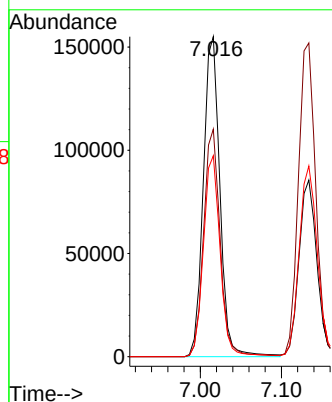
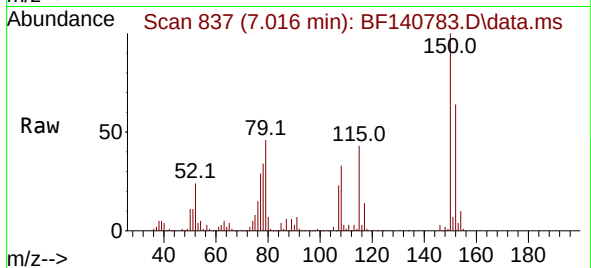




#15
Benzyl Alcohol
Concen: 41.129 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

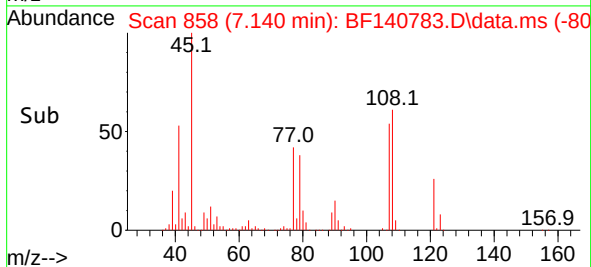
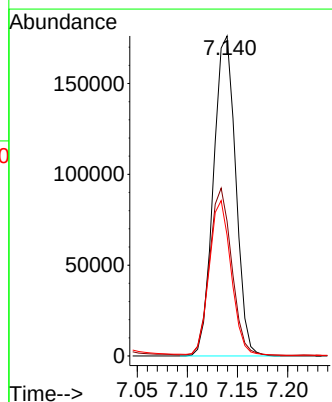
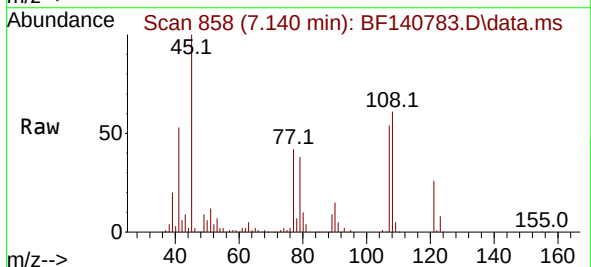
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

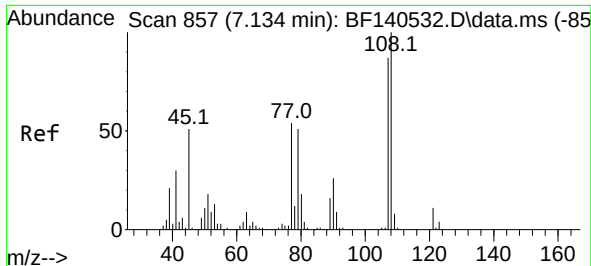
Tgt Ion: 79 Resp: 219516
Ion Ratio Lower Upper
79 100
108 71.1 55.0 82.6
77 62.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.876 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 45 Resp: 271607
Ion Ratio Lower Upper
45 100
77 42.1 10.7 50.7
79 37.7 7.0 47.0

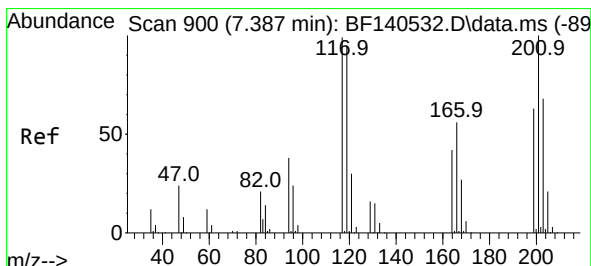
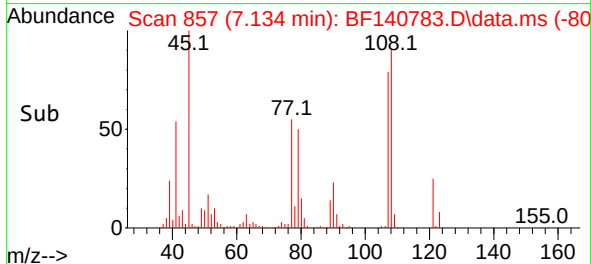
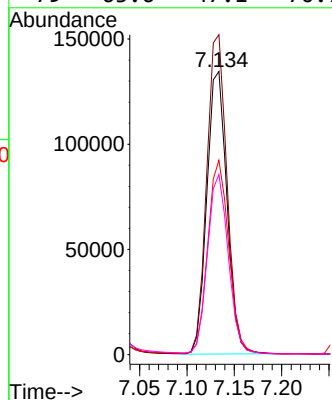
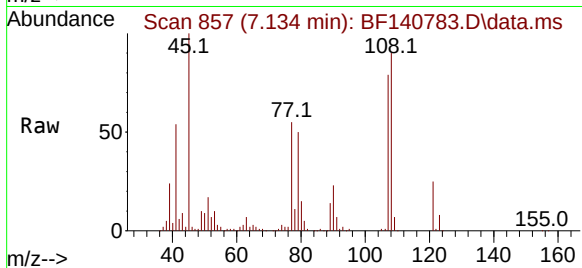




#17
2-Methylphenol
Concen: 42.276 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

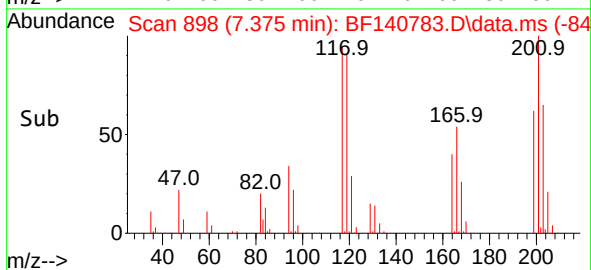
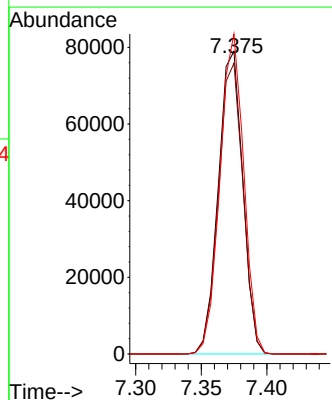
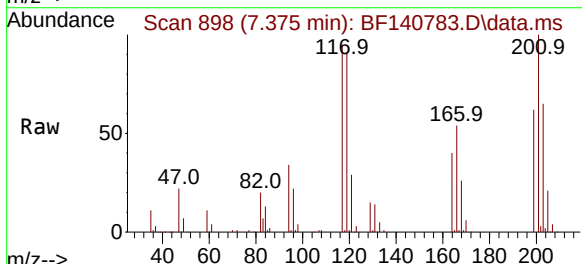
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

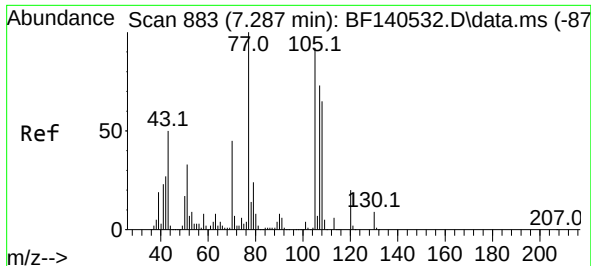
Tgt Ion:	107	Resp:	198206
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	68.7	49.3	73.9
79	63.6	47.1	70.7



#18
Hexachloroethane
Concen: 41.293 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:	117	Resp:	102767
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	105.7	81.1	121.7



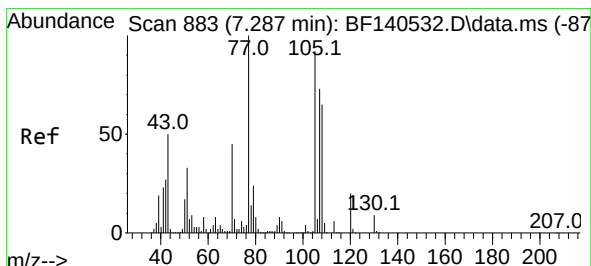
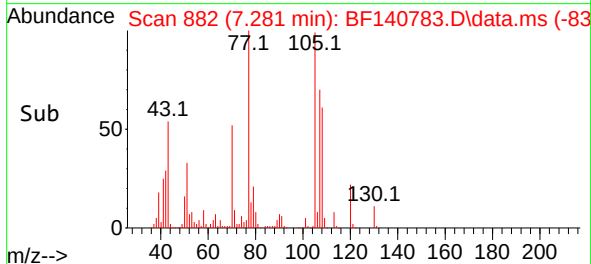
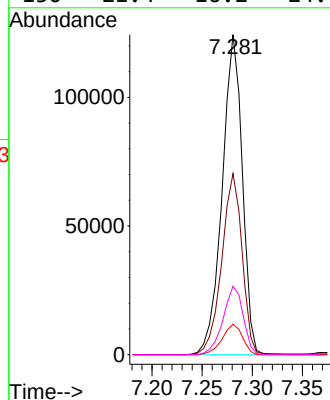
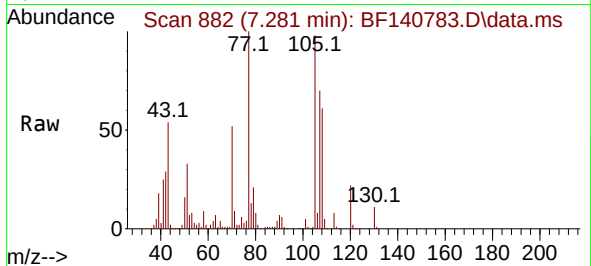


#19
n-Nitroso-di-n-propylamine
Concen: 40.758 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 173362

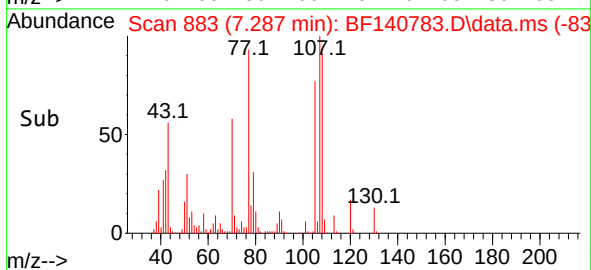
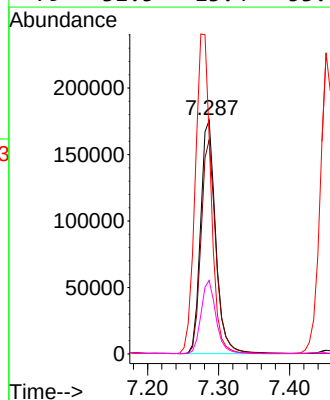
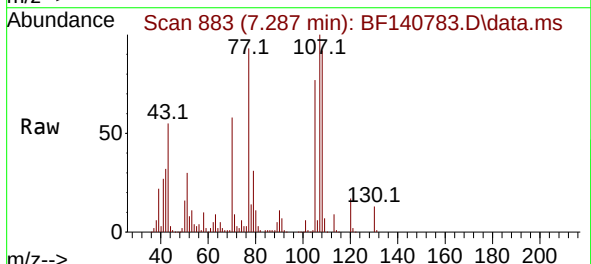
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.6	71.4
101	9.5	7.6	11.4
130	21.4	16.2	24.4

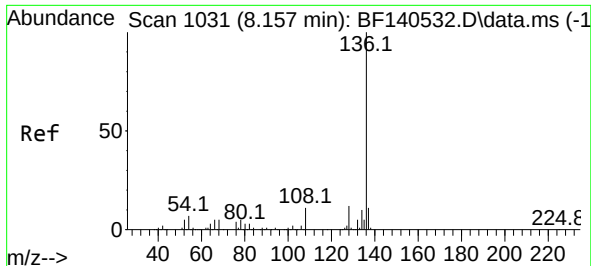


#20
3+4-Methylphenols
Concen: 42.944 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 107 Resp: 258788

Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.9	109.9
77	92.7	117.7	157.7#
79	31.5	13.4	53.4

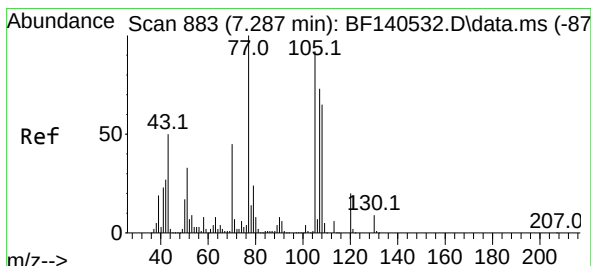
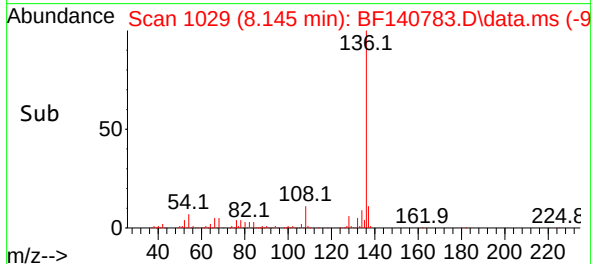
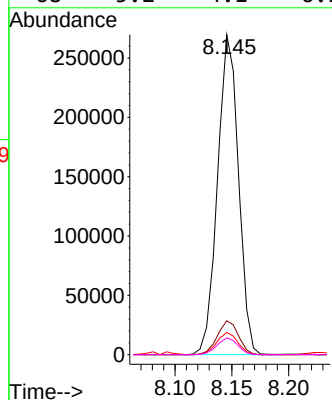
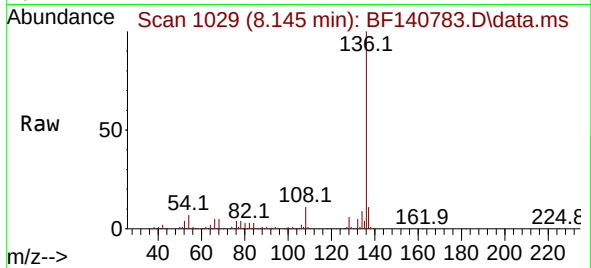




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

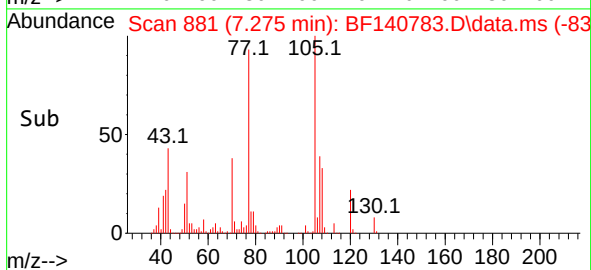
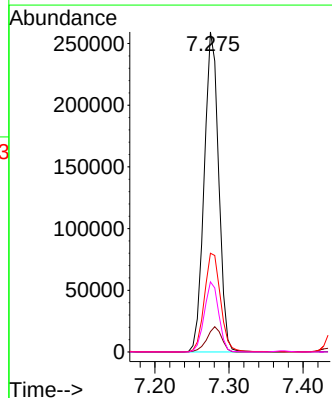
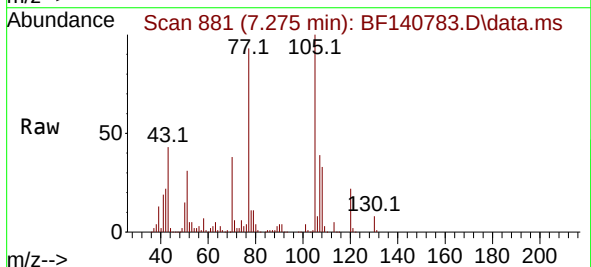
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

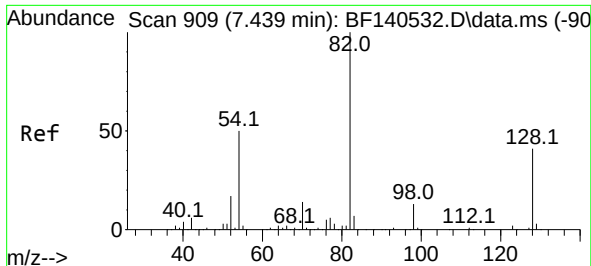
Tgt Ion:136 Resp: 346239
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 41.813 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:105 Resp: 352947
Ion Ratio Lower Upper
105 100
71 6.3 6.2 9.2
51 30.9 29.0 43.6
120 21.9 17.4 26.0

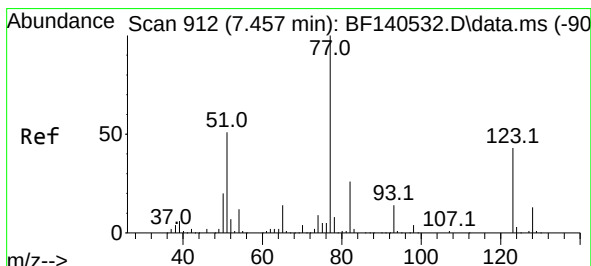
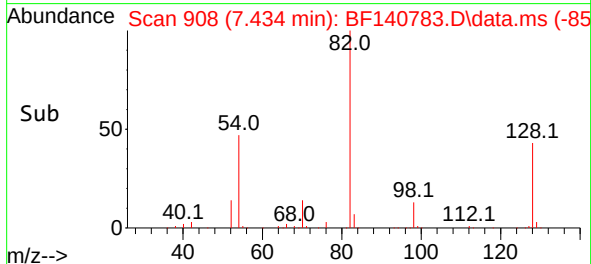
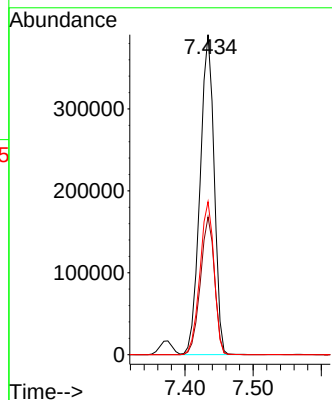
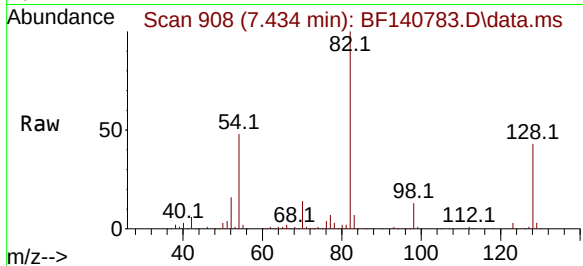




#23
Nitrobenzene-d5
Concen: 82.782 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

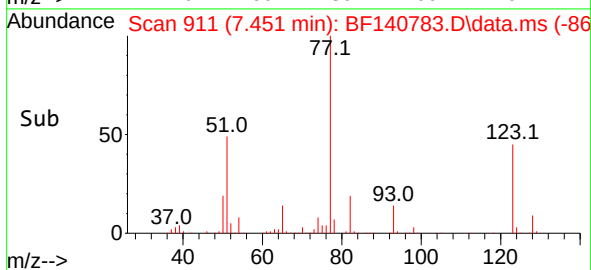
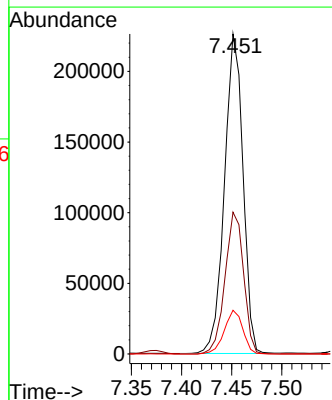
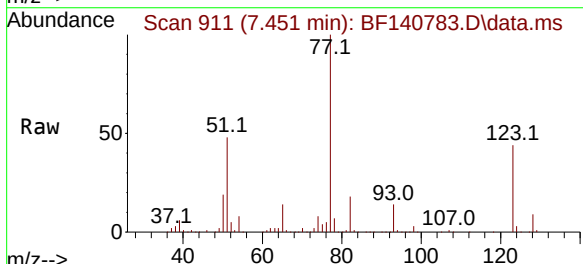
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

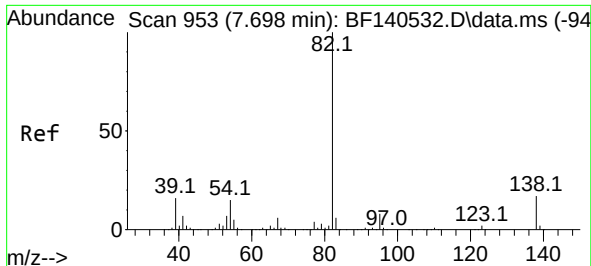
Tgt Ion: 82 Resp: 560358
Ion Ratio Lower Upper
82 100
128 43.1 33.0 49.4
54 47.8 39.5 59.3



#24
Nitrobenzene
Concen: 41.497 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 77 Resp: 290315
Ion Ratio Lower Upper
77 100
123 44.3 34.3 51.5
65 13.7 11.2 16.8

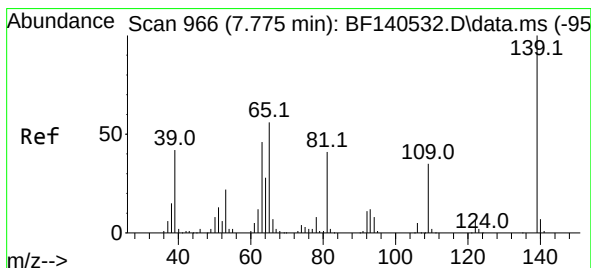
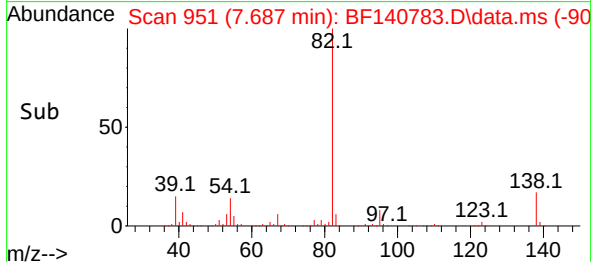
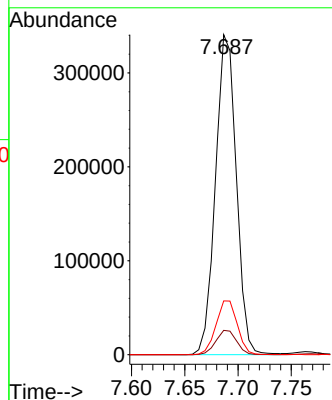
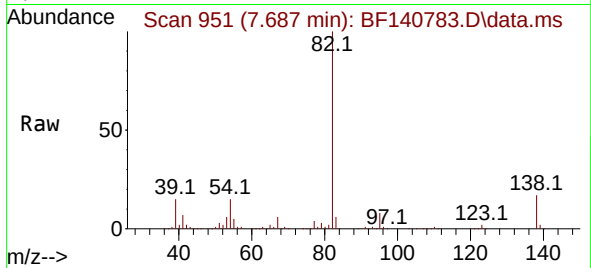




#25
Isophorone
Concen: 41.052 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

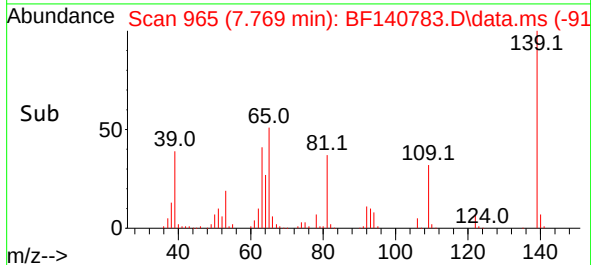
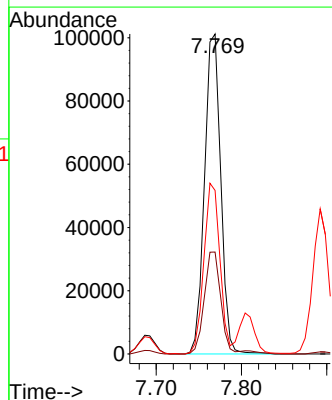
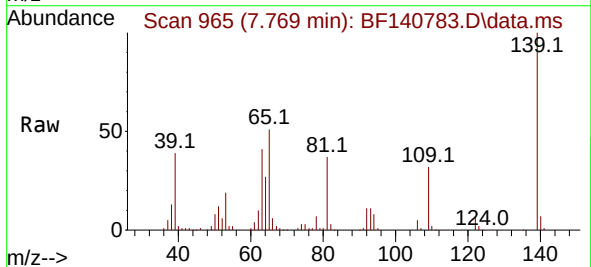
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

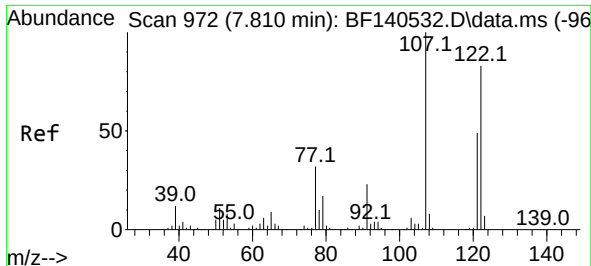
Tgt Ion: 82 Resp: 463484
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 16.8 13.8 20.6



#26
2-Nitrophenol
Concen: 43.168 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:139 Resp: 133835
Ion Ratio Lower Upper
139 100
109 31.8 28.0 42.0
65 51.1 44.6 67.0

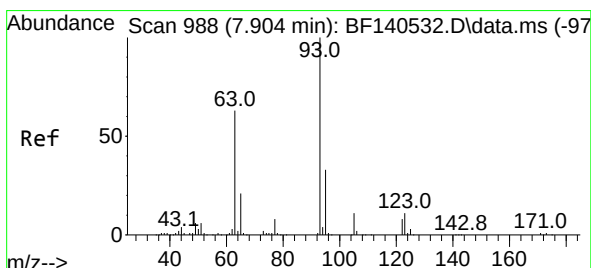
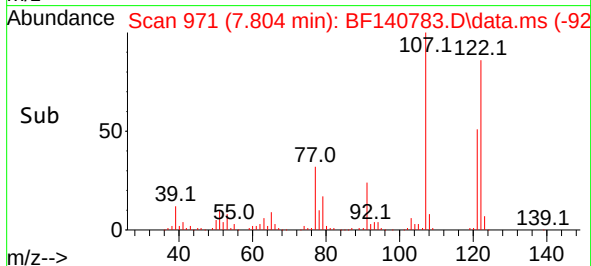
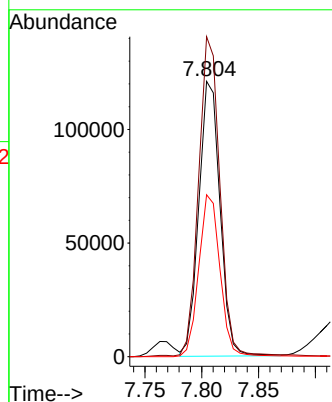
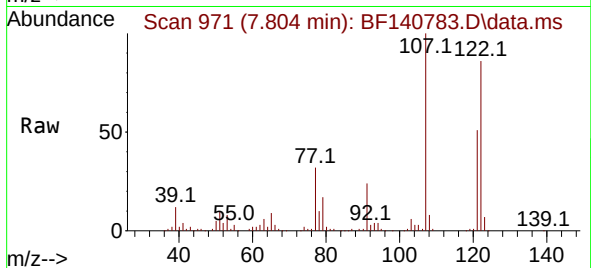




#27
2,4-Dimethylphenol
Concen: 42.287 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

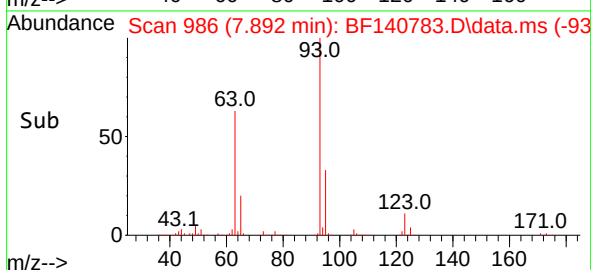
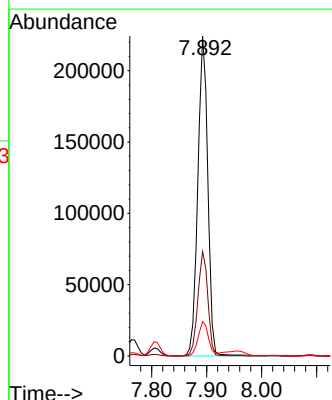
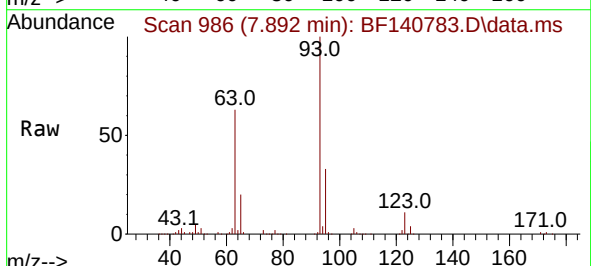
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

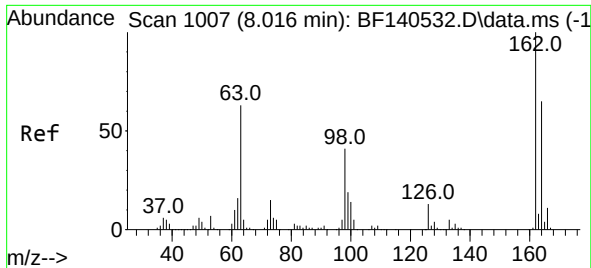
Tgt Ion:122 Resp: 156863
Ion Ratio Lower Upper
122 100
107 116.2 96.8 145.2
121 58.8 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.237 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 93 Resp: 283632
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.123 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

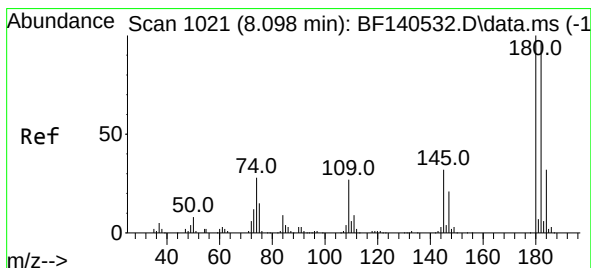
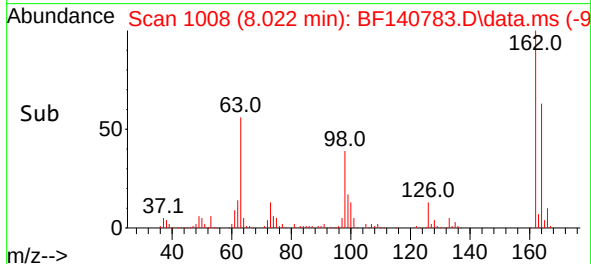
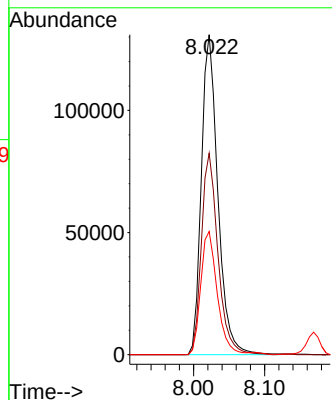
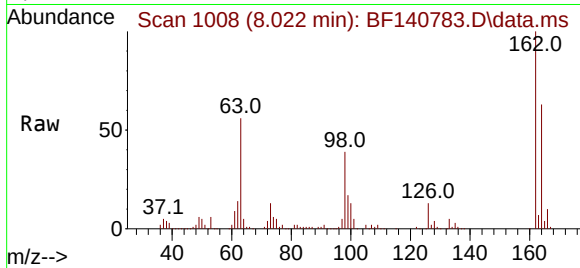
Tgt Ion:162 Resp: 211966

Ion Ratio Lower Upper

162 100

164 62.9 44.8 84.8

98 38.5 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 42.180 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

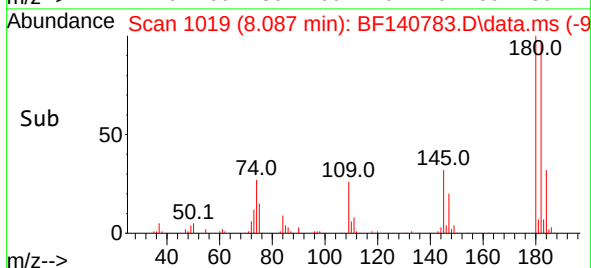
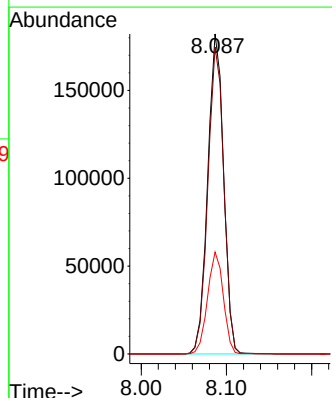
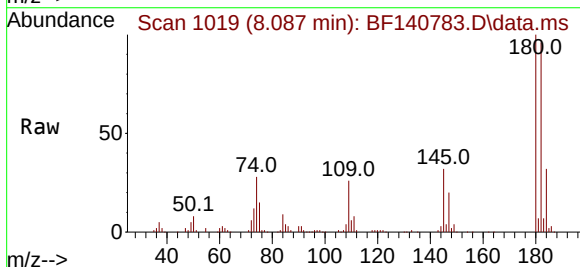
Tgt Ion:180 Resp: 236722

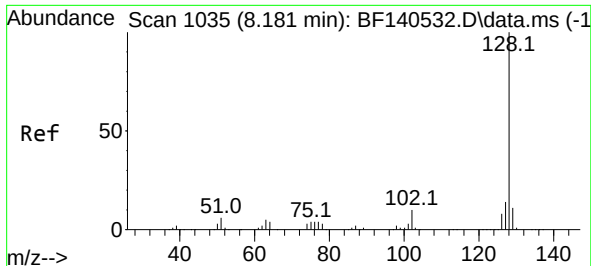
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 31.9 25.9 38.9

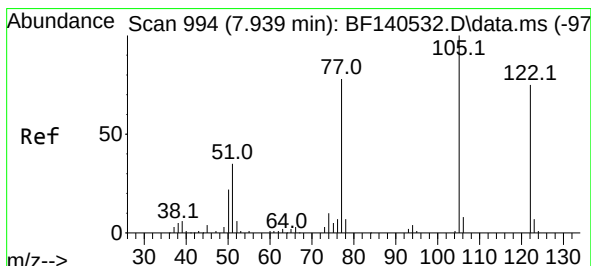
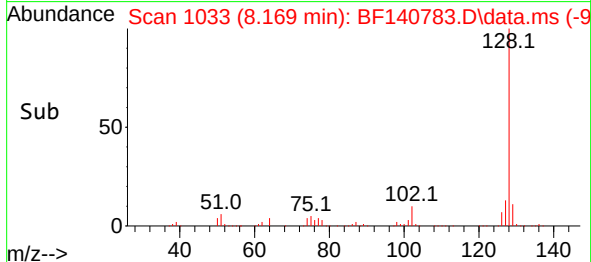
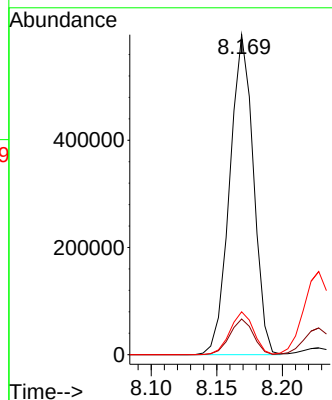
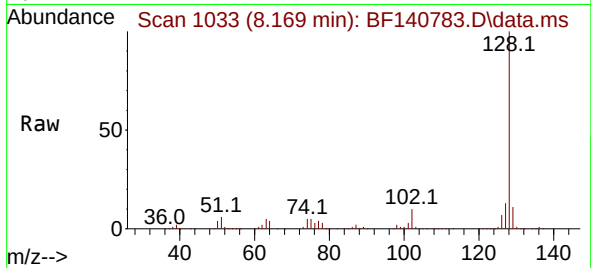




#31
Naphthalene
Concen: 42.079 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

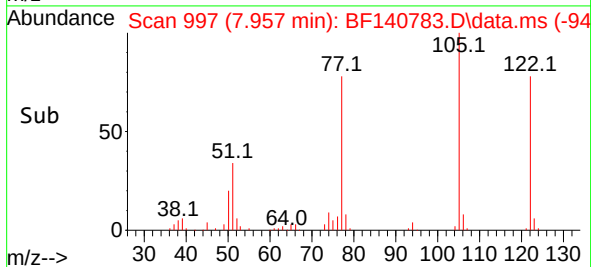
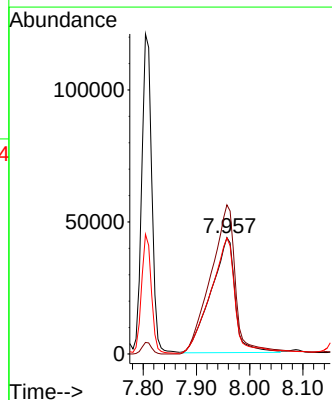
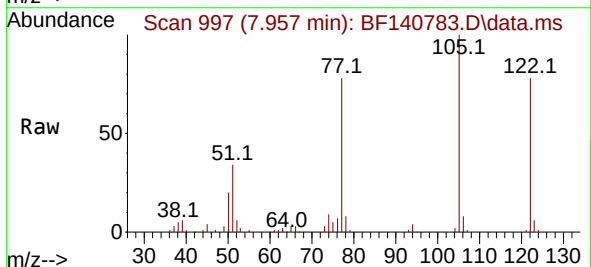
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

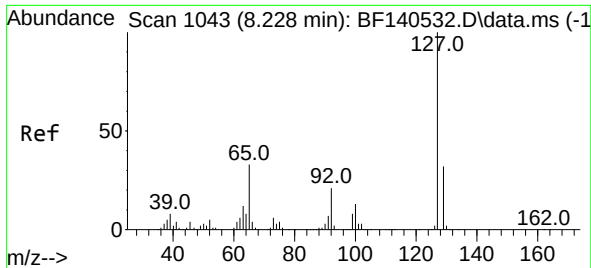
Tgt Ion:128 Resp: 750453
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 43.409 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:122 Resp: 137515
Ion Ratio Lower Upper
122 100
105 128.2 109.3 149.3
77 99.7 82.3 122.3

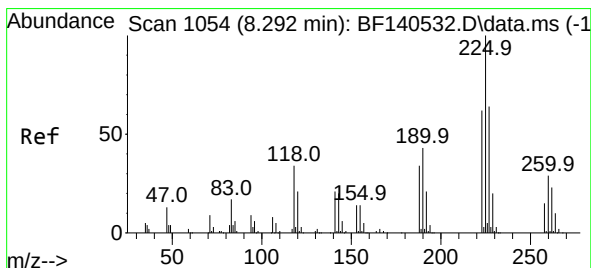
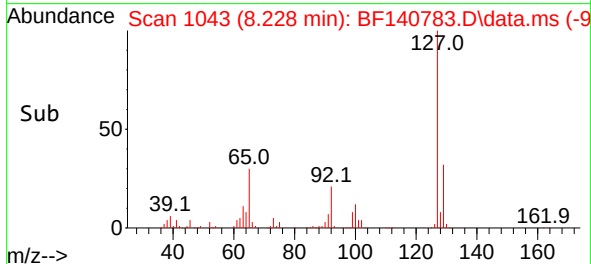
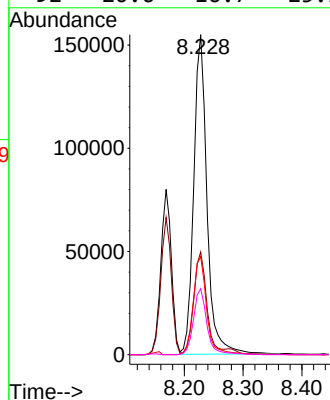
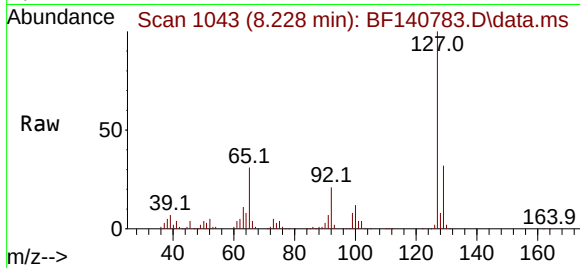




#33
4-Chloroaniline
Concen: 45.404 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

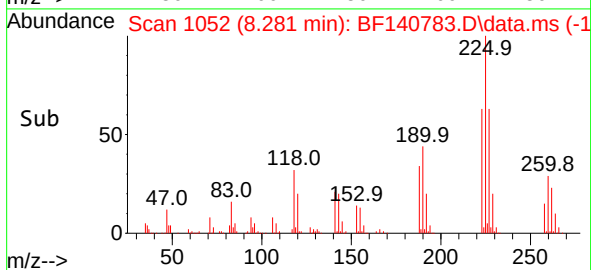
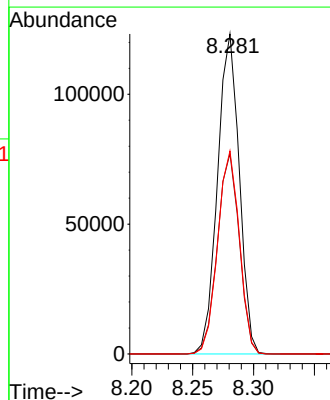
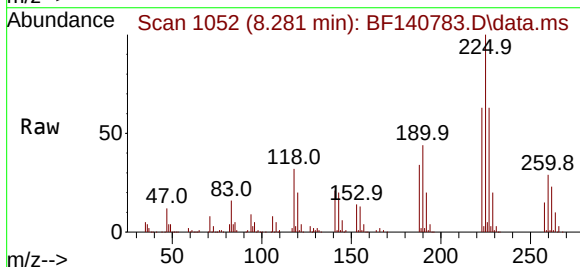
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

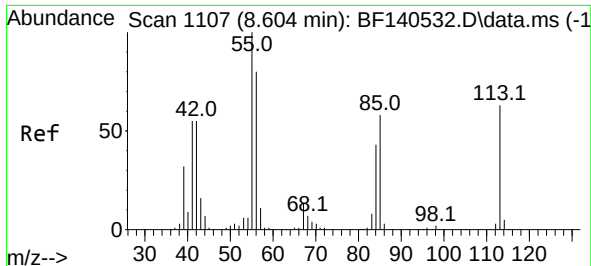
Tgt Ion:	127	Resp:	242443
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	30.7	26.0	39.0
92	20.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 41.194 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:	225	Resp:	153128
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.5	51.3	76.9

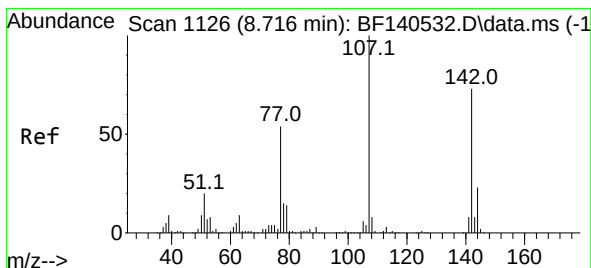
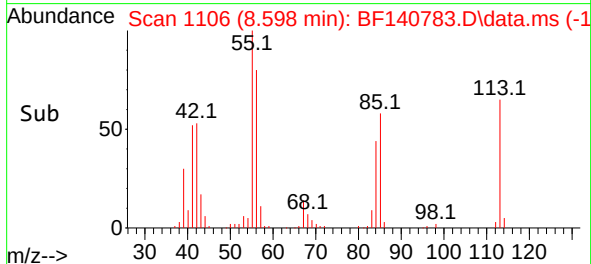
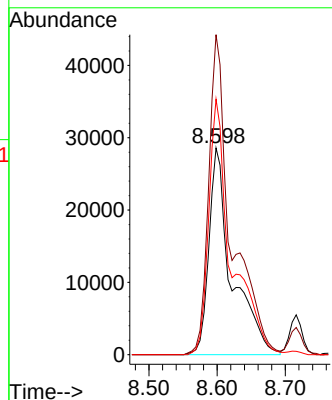
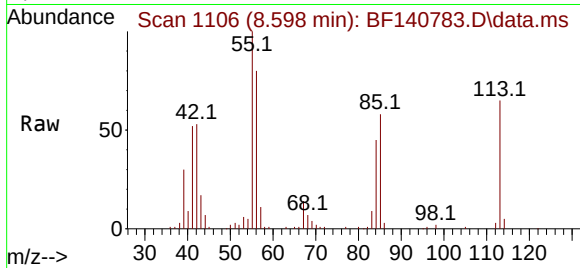




#35
 Caprolactam
 Concen: 43.862 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

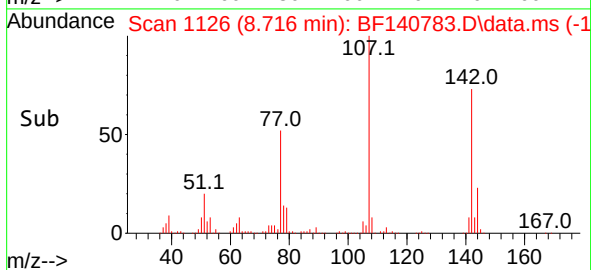
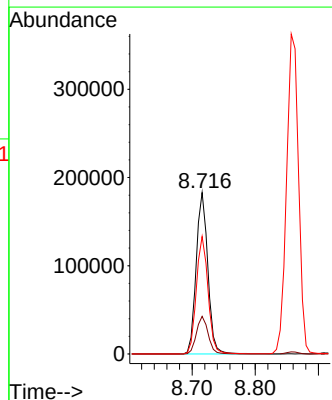
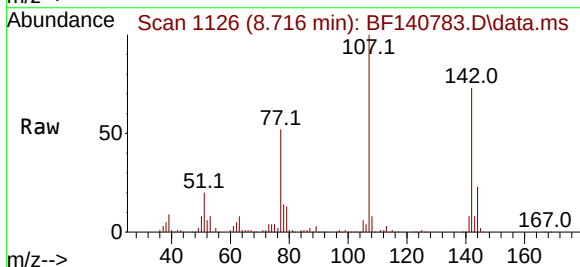
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

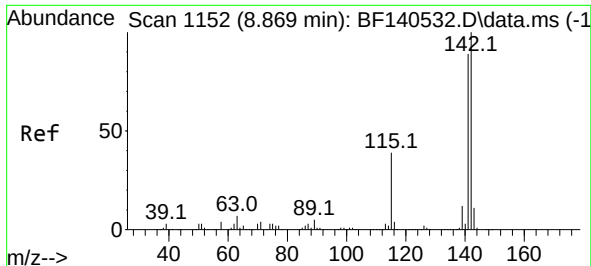
Tgt Ion:113 Resp: 66720
 Ion Ratio Lower Upper
 113 100
 55 154.8 137.7 177.7
 56 123.6 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.668 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

Tgt Ion:107 Resp: 234815
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 72.7 58.3 87.5





#37

2-Methylnaphthalene

Concen: 41.962 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

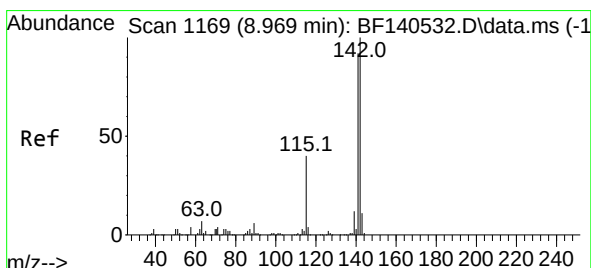
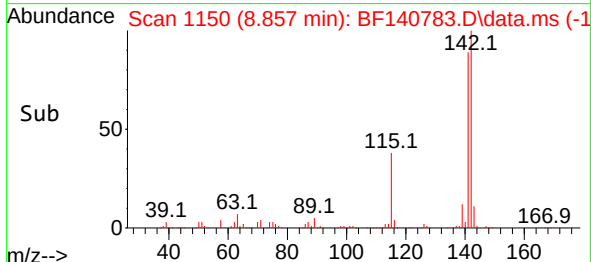
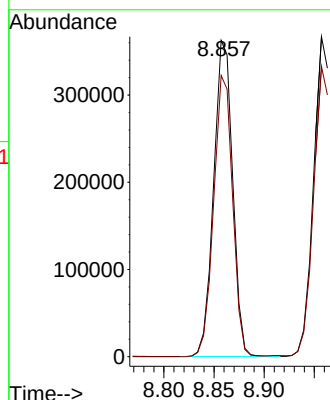
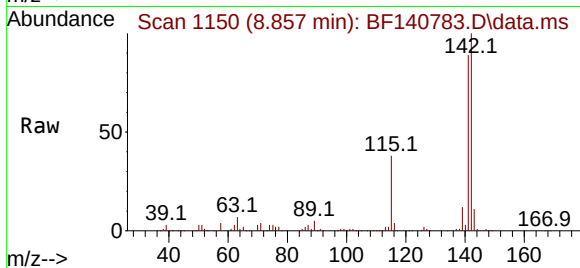
SSTDCCC040

Tgt Ion:142 Resp: 475327

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 42.163 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140783.D

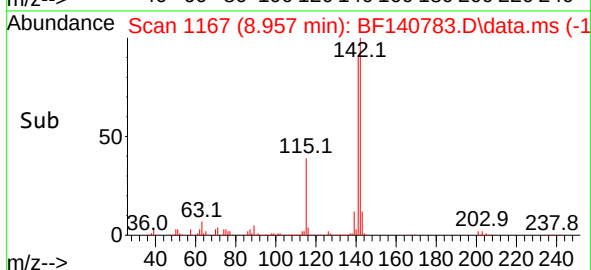
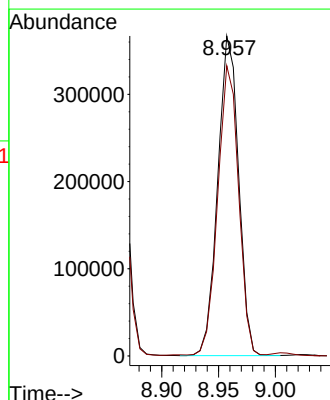
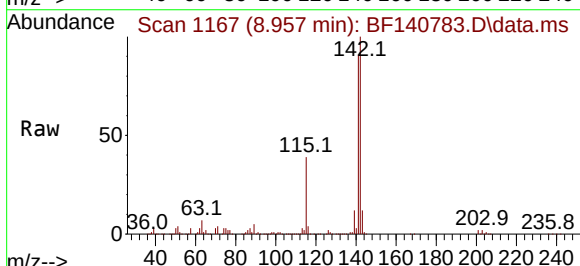
Acq: 09 Dec 2024 12:21

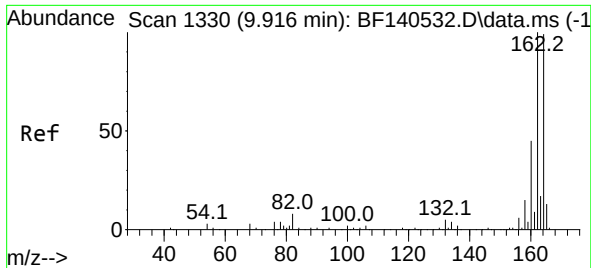
Tgt Ion:142 Resp: 468155

Ion Ratio Lower Upper

142 100

141 90.7 73.3 109.9

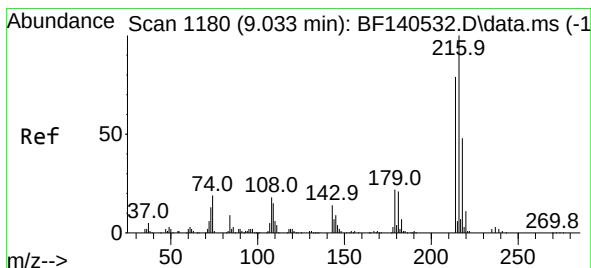
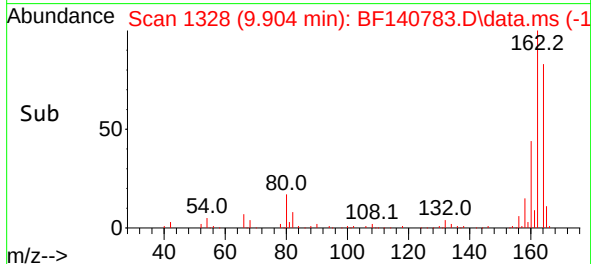
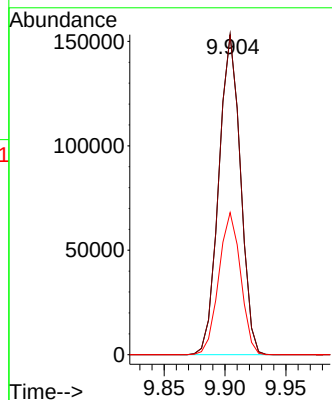
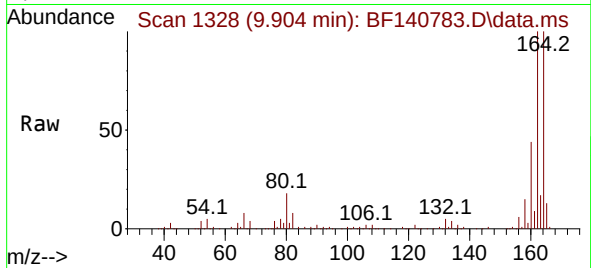




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

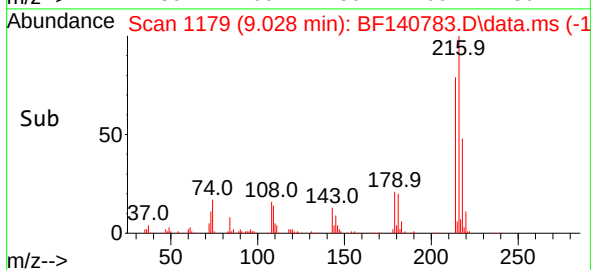
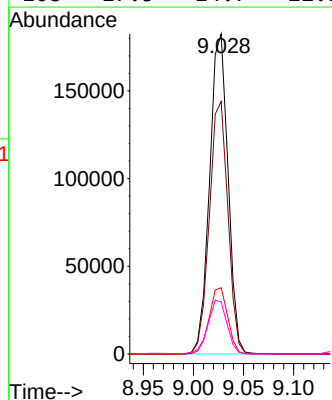
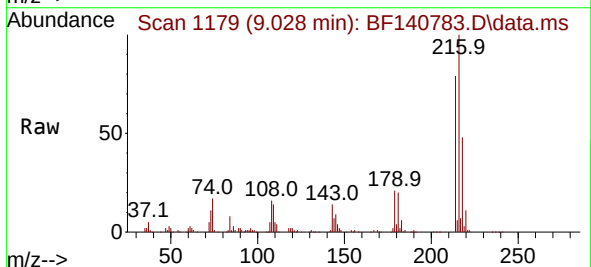
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

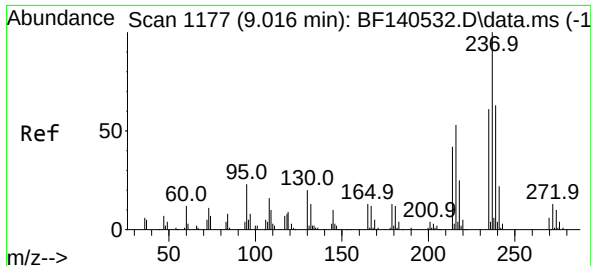
Tgt Ion:164 Resp: 189814
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.999 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:216 Resp: 233383
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.4
179 20.8 17.5 26.3
108 17.5 14.7 22.1

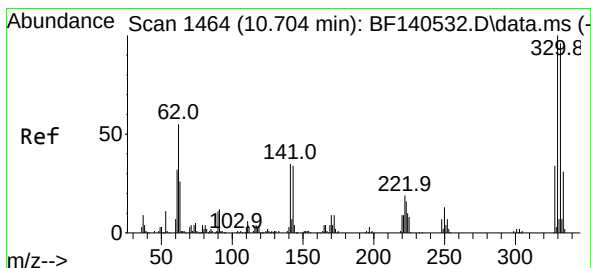
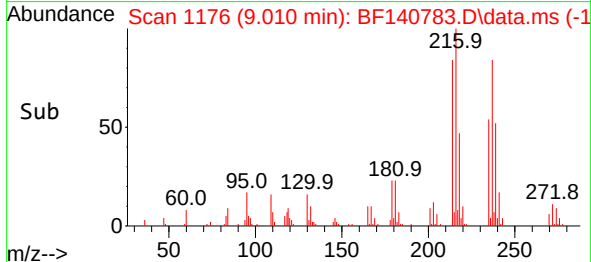
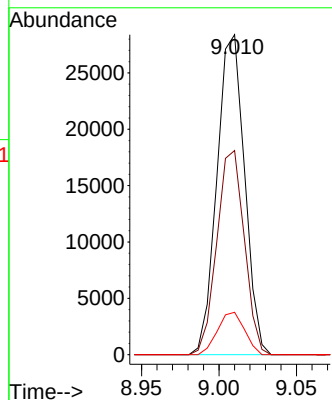
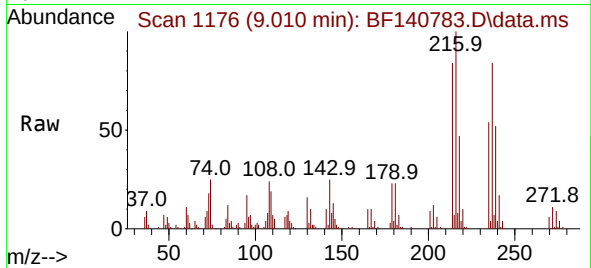




#41
Hexachlorocyclopentadiene
Concen: 32.913 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

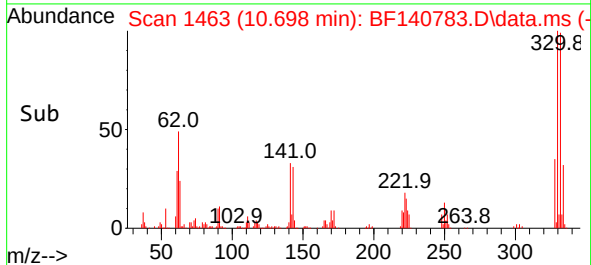
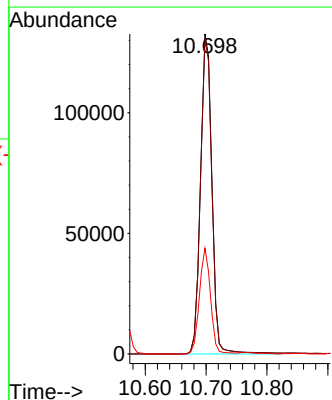
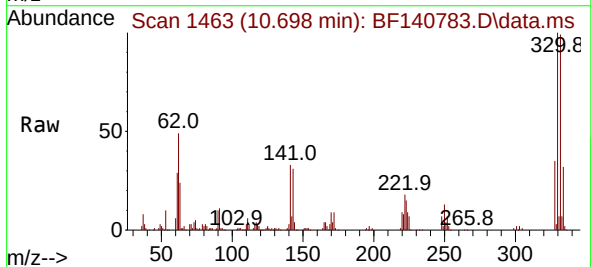
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

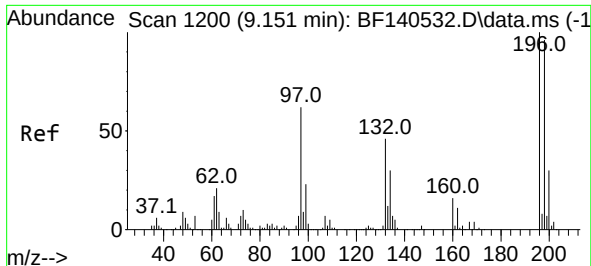
Tgt Ion:237 Resp: 35211
Ion Ratio Lower Upper
237 100
235 63.8 41.1 81.1
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 85.503 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:330 Resp: 173577
Ion Ratio Lower Upper
330 100
332 99.1 76.9 115.3
141 31.9 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 42.170 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

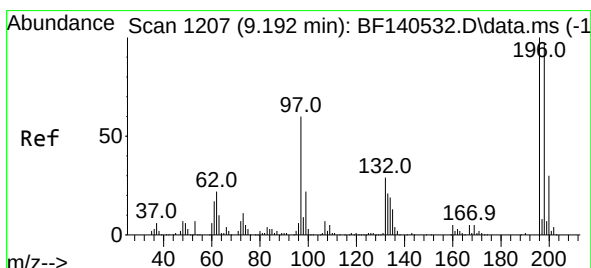
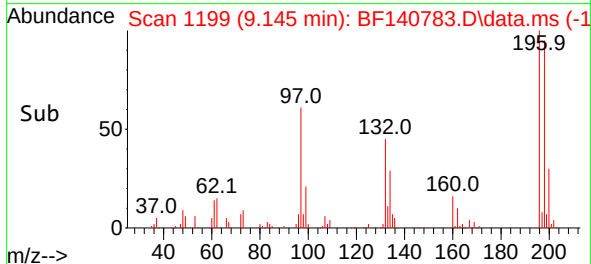
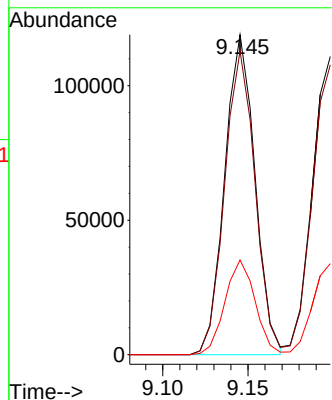
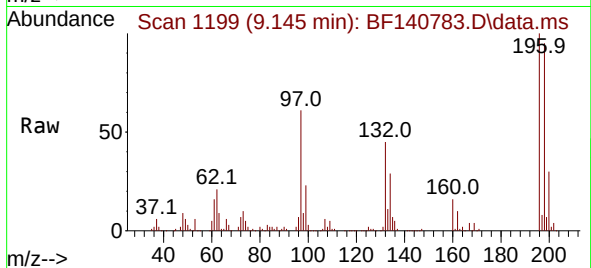
Tgt Ion:196 Resp: 147039

Ion Ratio Lower Upper

196 100

198 94.9 76.8 115.2

200 29.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 42.385 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Tgt Ion:196 Resp: 160393

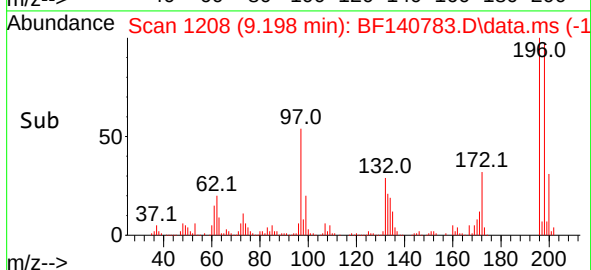
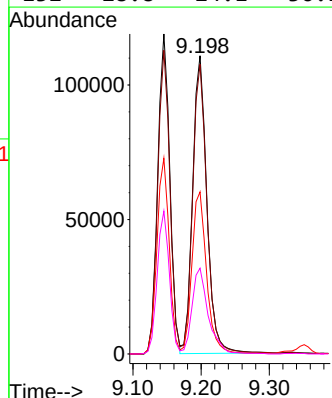
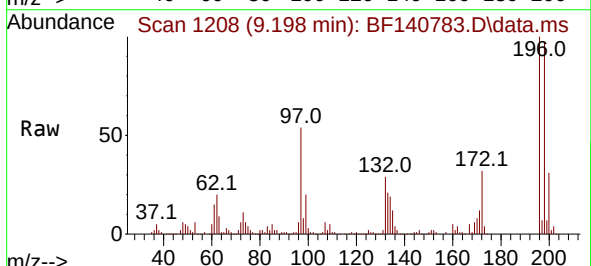
Ion Ratio Lower Upper

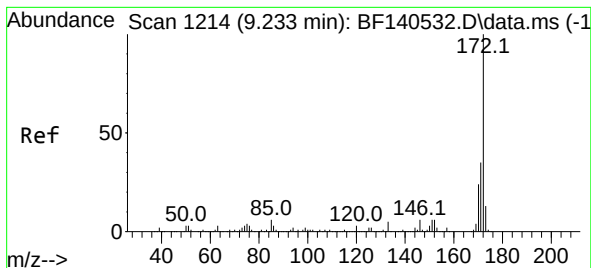
196 100

198 97.2 77.2 115.8

97 54.4 47.1 70.7

132 28.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 83.324 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

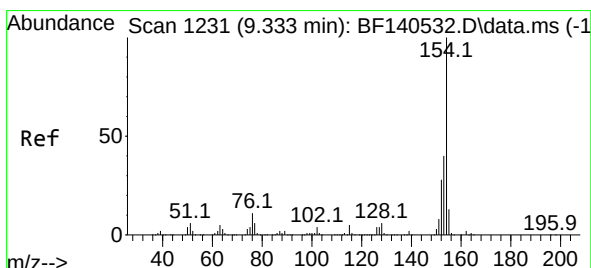
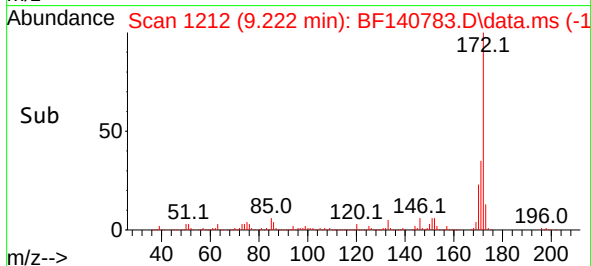
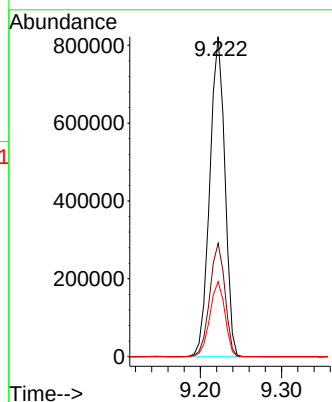
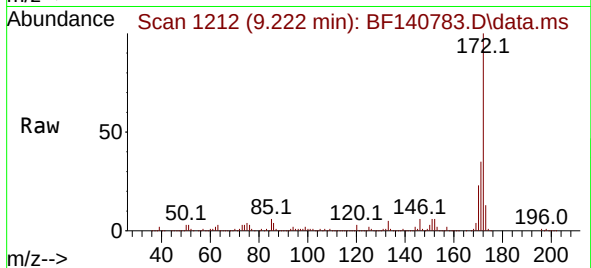
Tgt Ion:172 Resp: 1061518

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.803 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

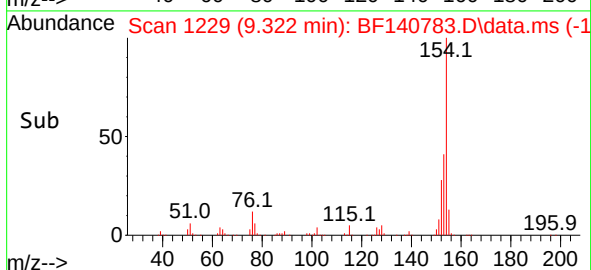
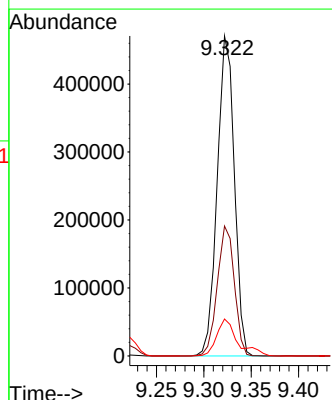
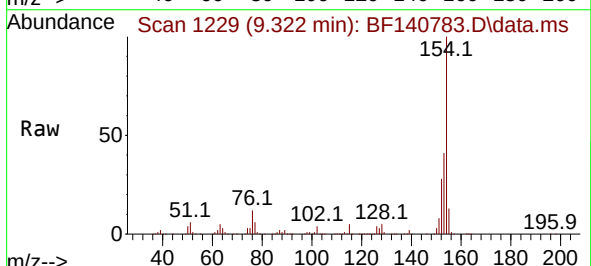
Tgt Ion:154 Resp: 592420

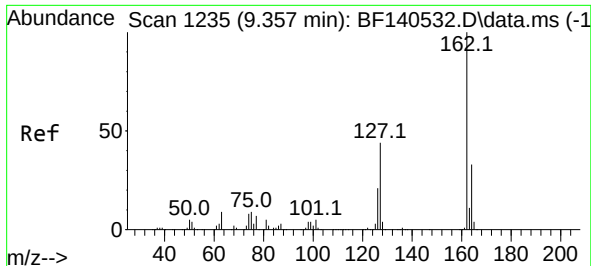
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.6 0.0 31.2





#47
2-Chloronaphthalene
Concen: 42.280 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

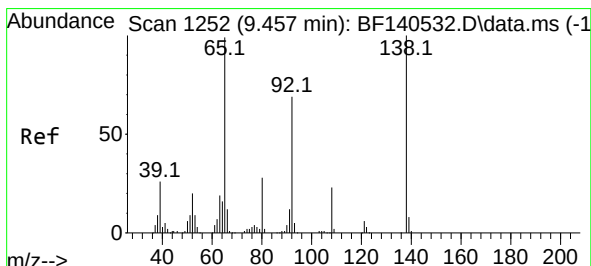
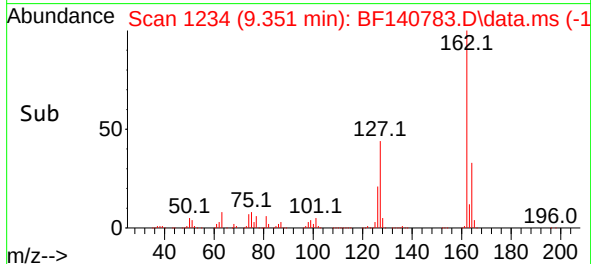
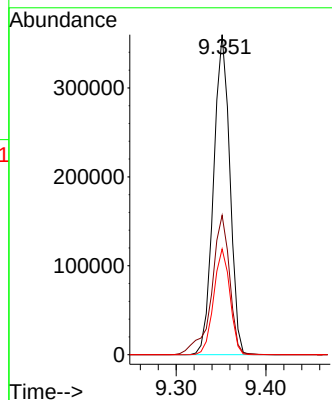
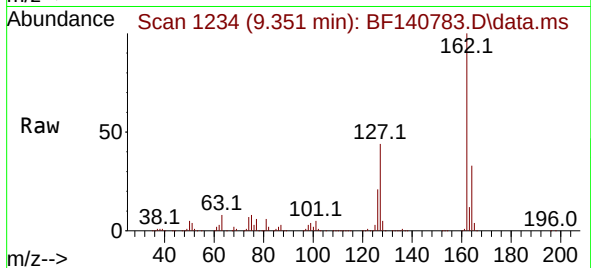
Instrument :

BNA_F

ClientSampleId :

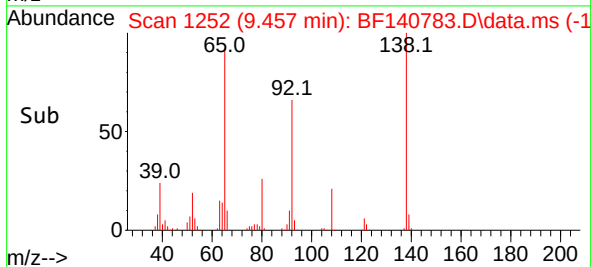
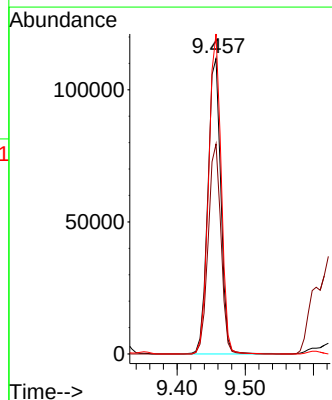
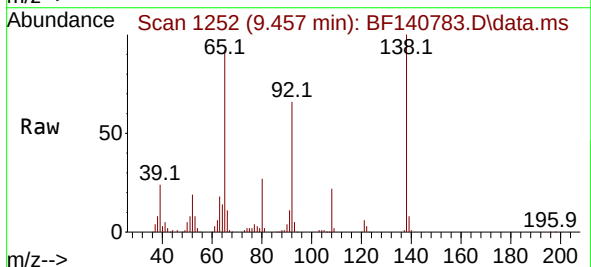
SSTDCCC040

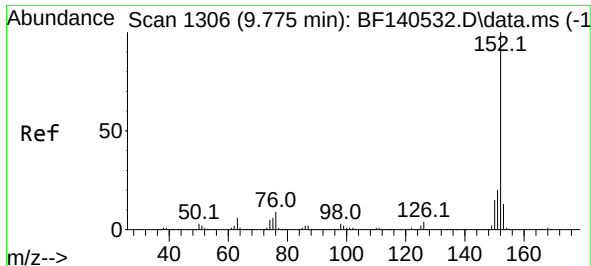
Tgt Ion:162 Resp: 454016
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 42.872 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 65 Resp: 147770
Ion Ratio Lower Upper
65 100
92 71.0 56.1 84.1
138 108.3 81.0 121.6





#49

Acenaphthylene

Concen: 42.350 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

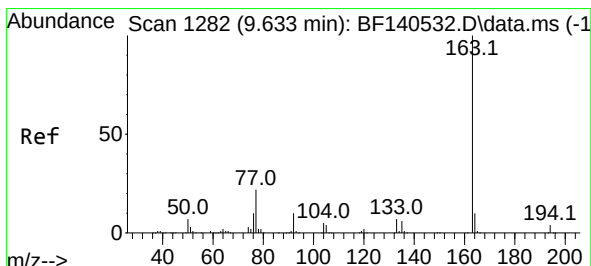
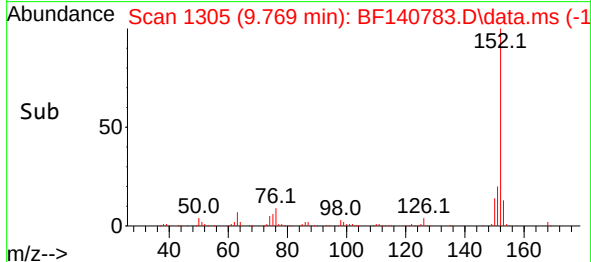
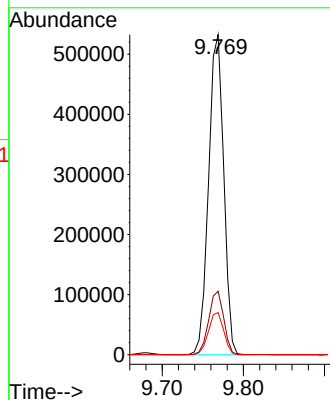
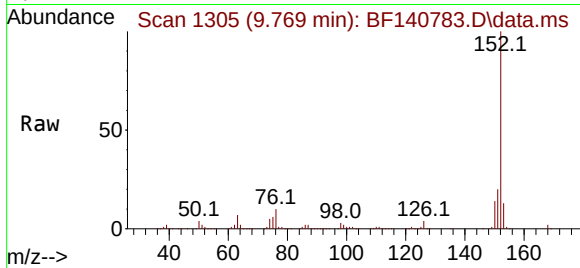
Tgt Ion:152 Resp: 687115

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 41.436 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

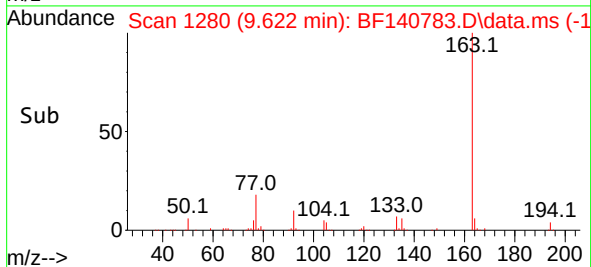
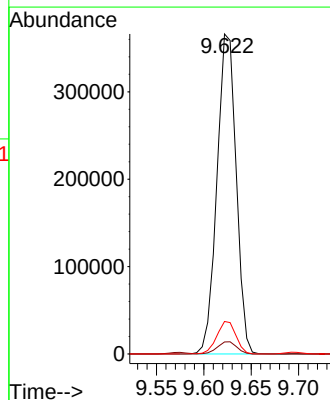
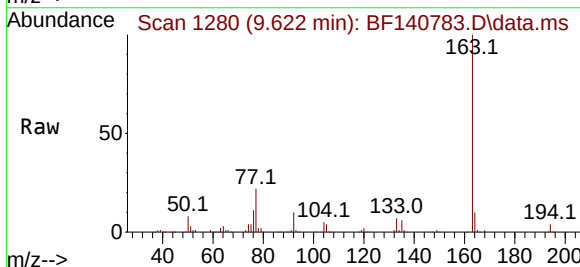
Tgt Ion:163 Resp: 517989

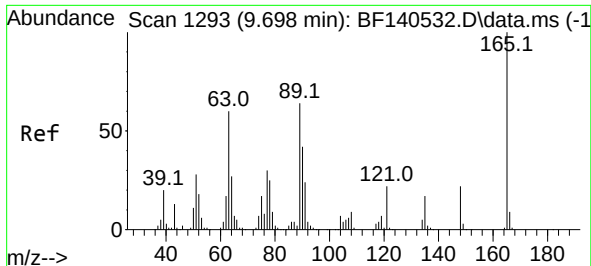
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 8.2 12.2

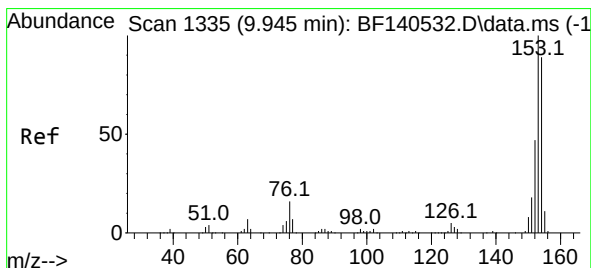
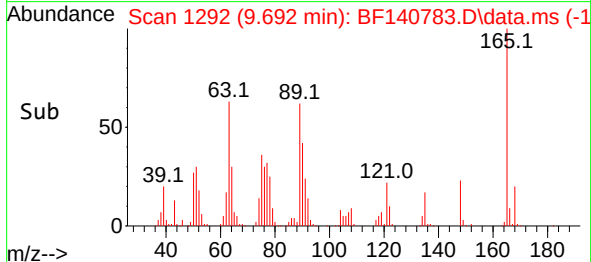
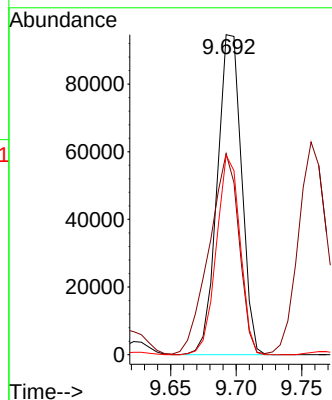
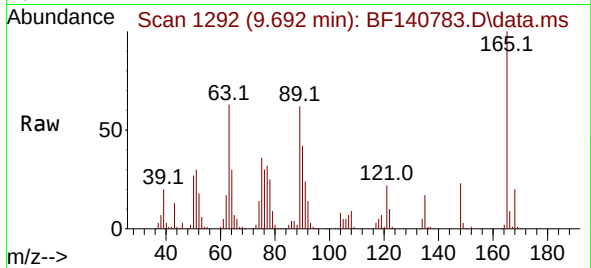




#51
2,6-Dinitrotoluene
Concen: 43.017 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

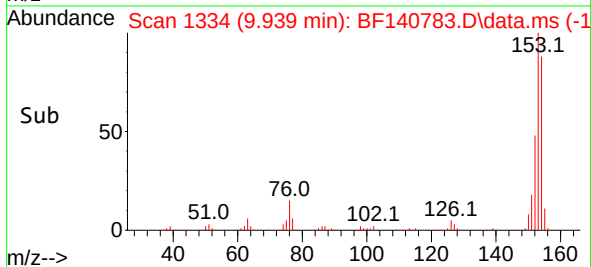
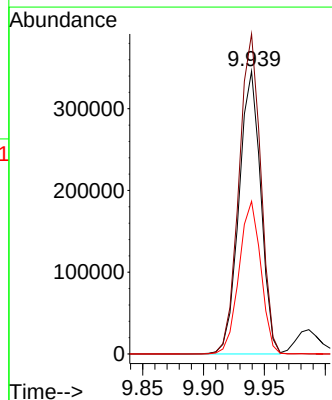
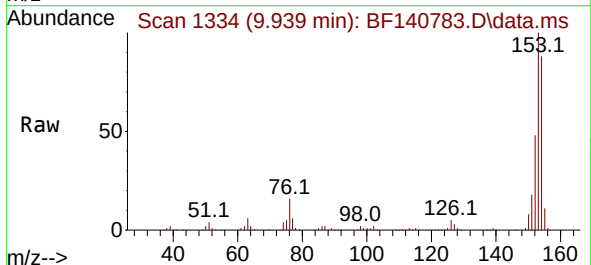
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

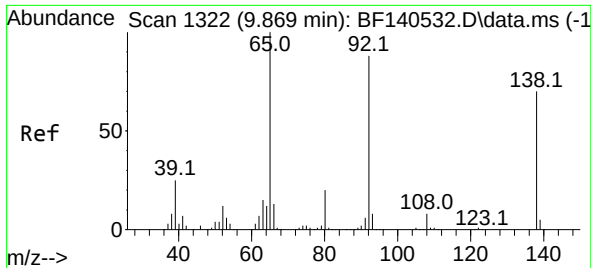
Tgt Ion:165 Resp: 121961
Ion Ratio Lower Upper
165 100
63 62.8 49.9 74.9
89 62.3 50.9 76.3



#52
Acenaphthene
Concen: 41.812 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:154 Resp: 431042
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 54.0 42.5 63.7

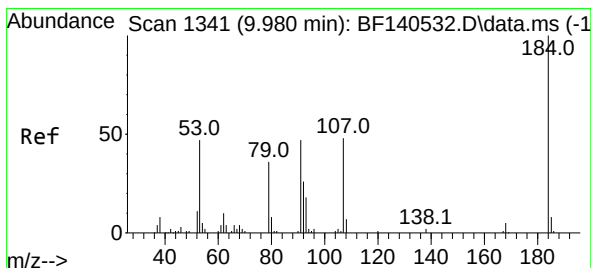
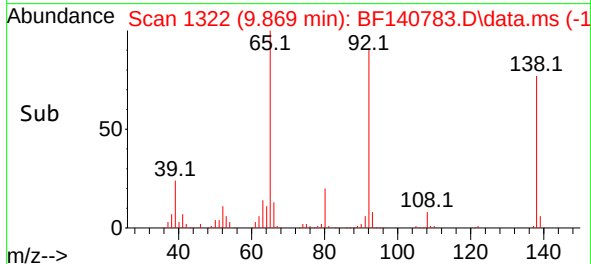
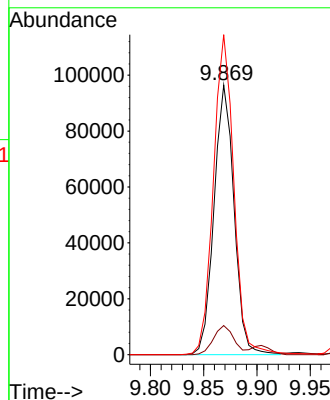
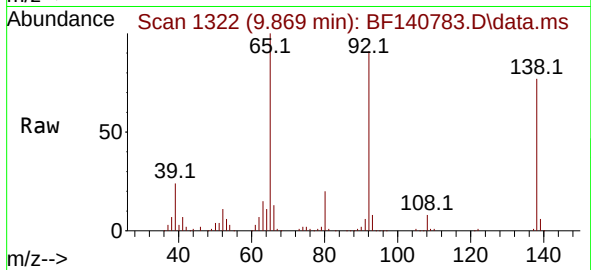




#53
3-Nitroaniline
Concen: 45.543 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

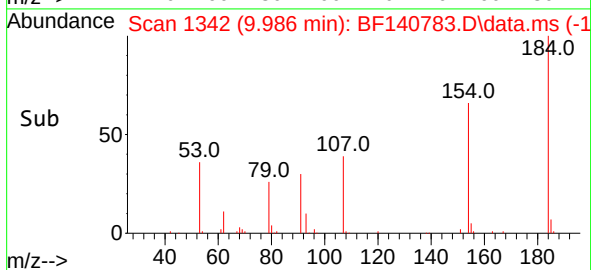
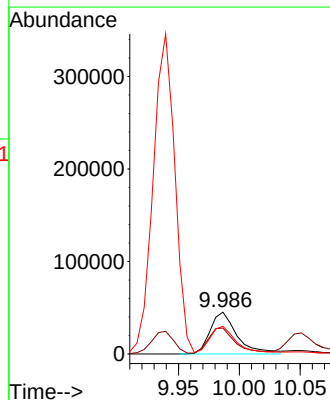
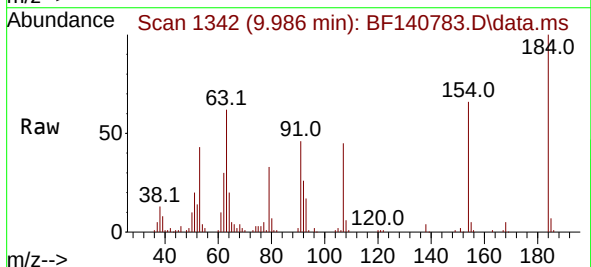
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

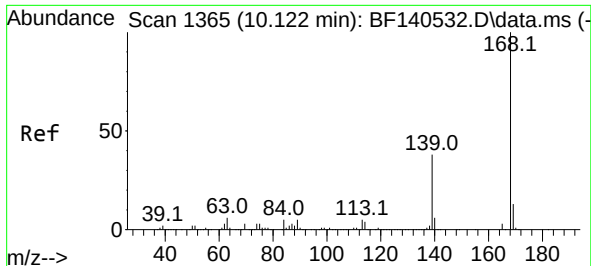
Tgt Ion:138 Resp: 126289
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 118.7 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 50.797 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:184 Resp: 69941
Ion Ratio Lower Upper
184 100
63 62.0 54.1 81.1
154 66.2 57.4 86.0

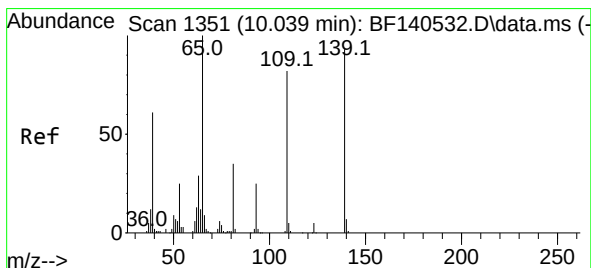
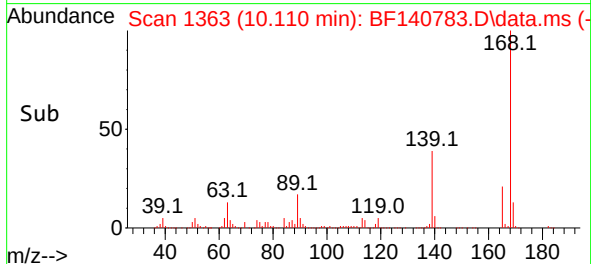
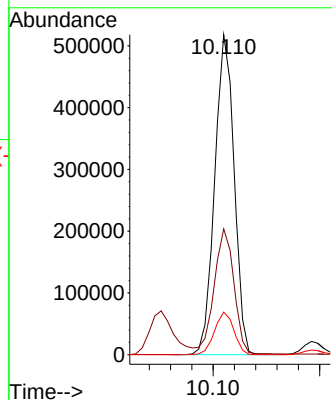
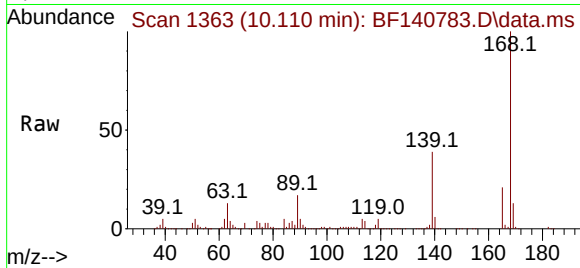




#55
Dibenzenofuran
Concen: 41.621 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

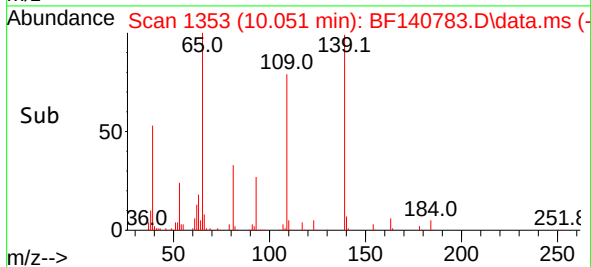
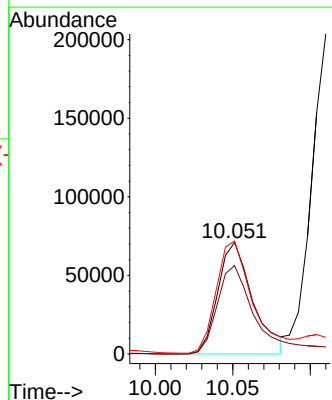
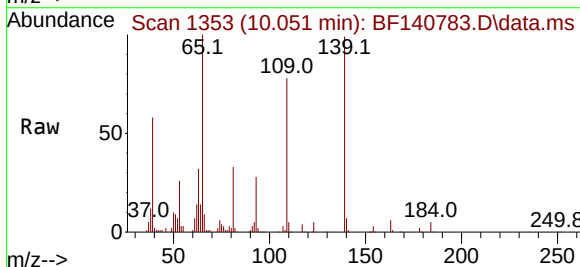
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

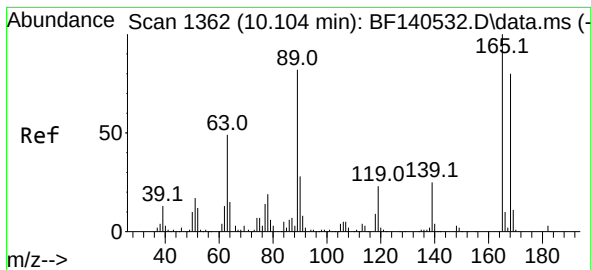
Tgt Ion:168 Resp: 654473
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 58.509 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:139 Resp: 110649
Ion Ratio Lower Upper
139 100
109 79.3 68.4 108.4
65 101.5 88.6 128.6

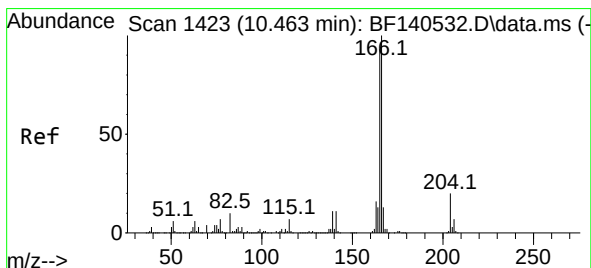
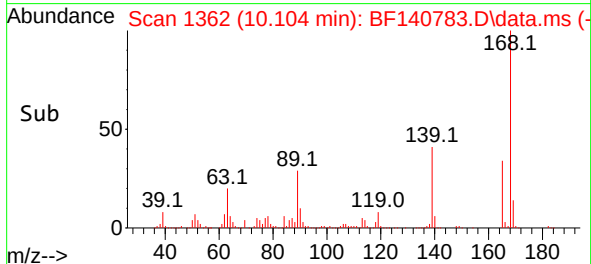
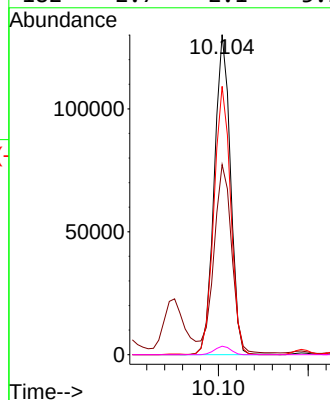
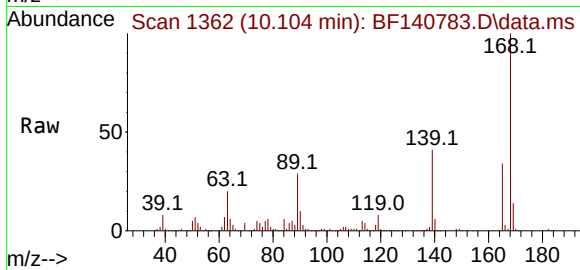




#57
2,4-Dinitrotoluene
Concen: 43.418 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

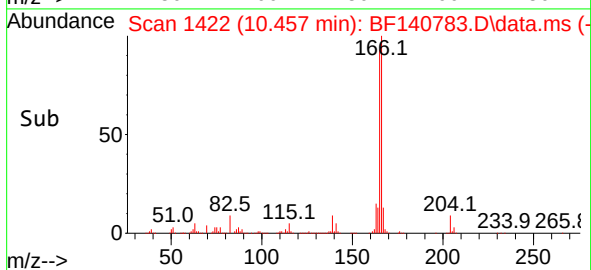
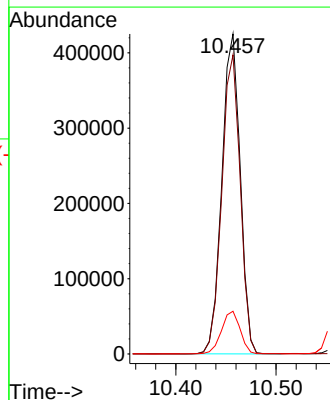
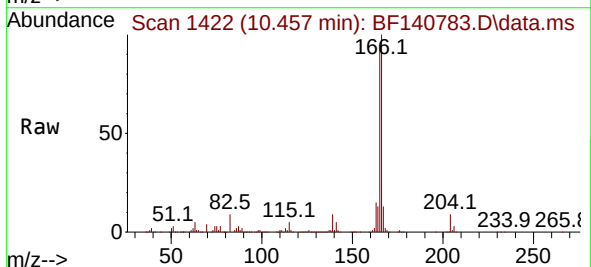
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

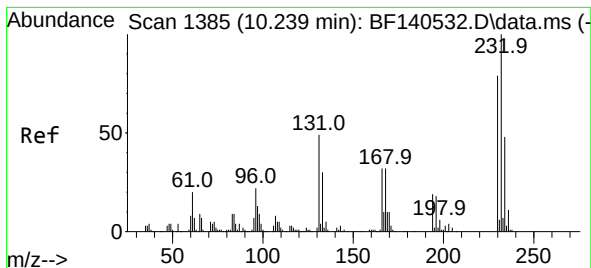
Tgt Ion:165 Resp: 163601
Ion Ratio Lower Upper
165 100
63 59.4 41.7 62.5
89 83.8 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 42.611 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:166 Resp: 537820
Ion Ratio Lower Upper
166 100
165 93.4 74.6 111.8
167 13.4 10.6 16.0

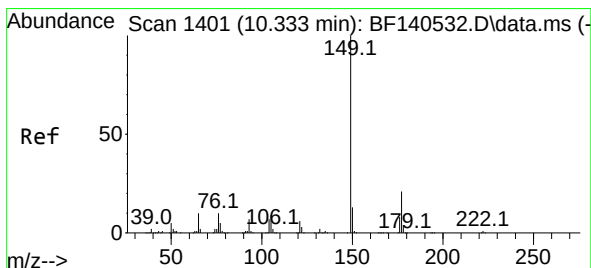
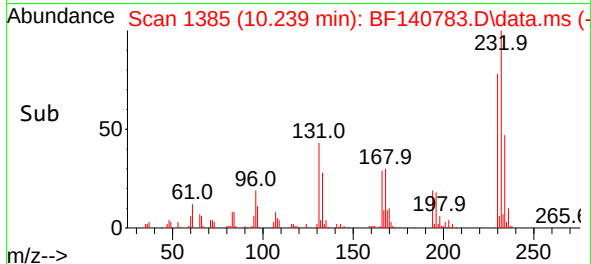
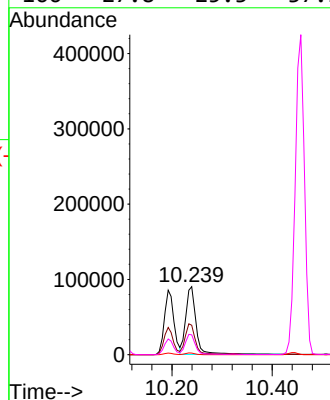
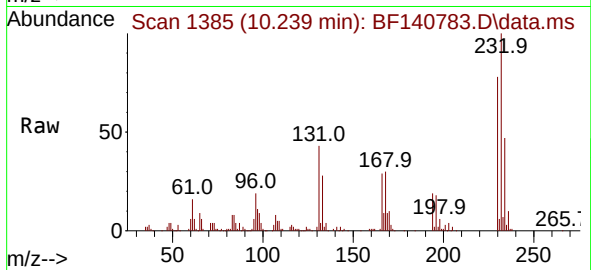




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.540 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

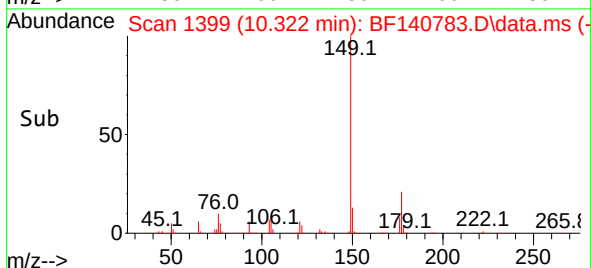
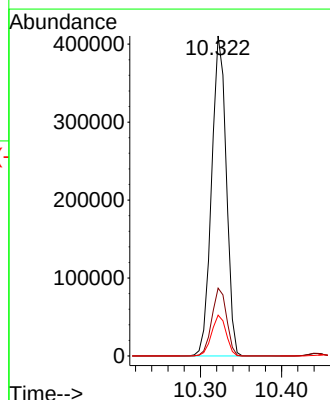
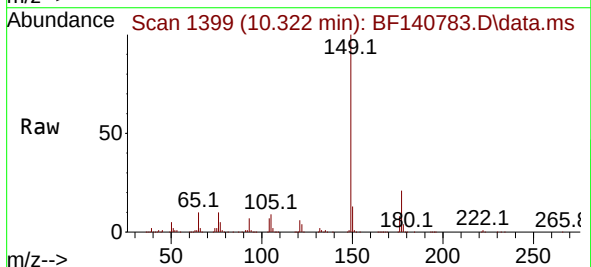
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

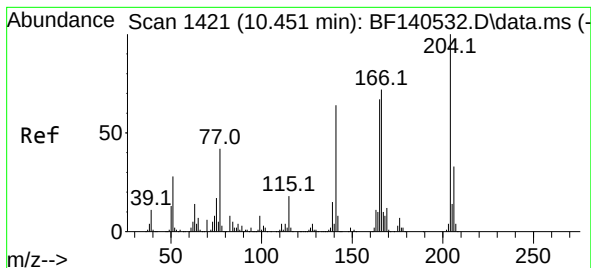
Tgt Ion:	232	Resp:	129536
Ion	Ratio	Lower	Upper
232	100		
131	43.8	39.6	59.4
130	2.3	1.9	2.9
166	27.8	25.3	37.9



#60
Diethylphthalate
Concen: 40.514 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:	149	Resp:	514575
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.1	25.7
150	12.7	10.1	15.1

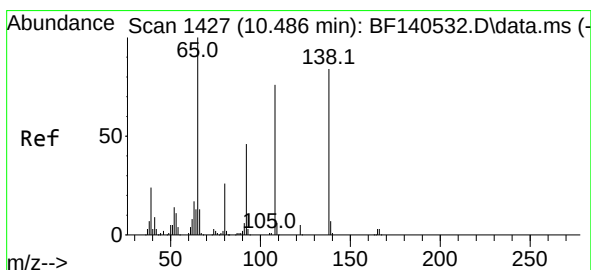
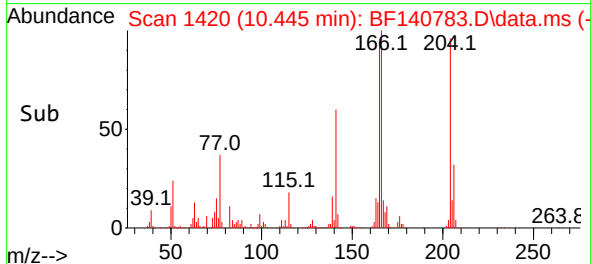
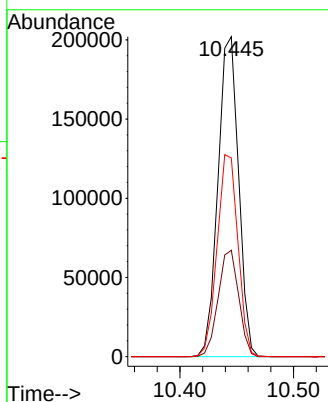
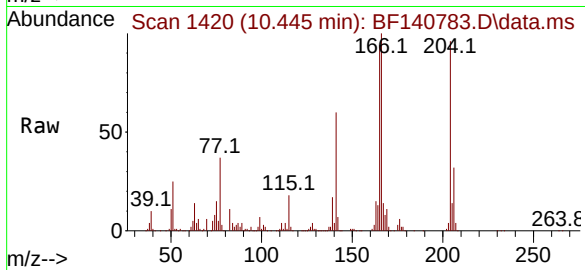




#61
4-Chlorophenyl-phenylether
Concen: 41.184 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

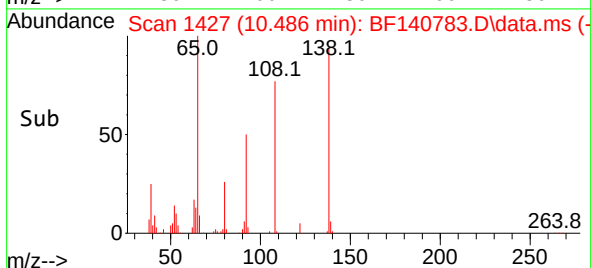
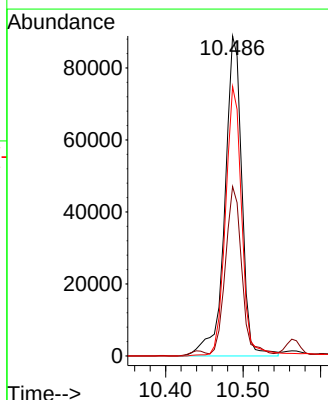
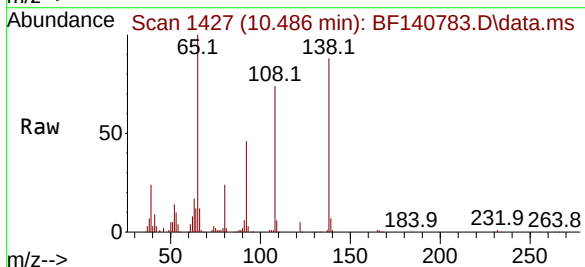
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

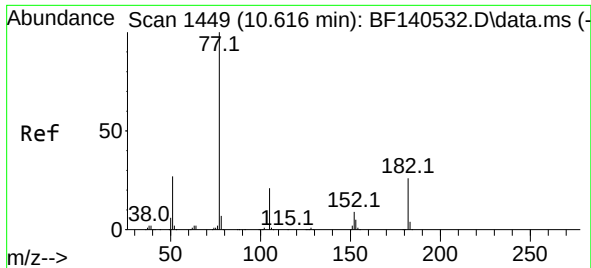
Tgt Ion:204 Resp: 255101
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.1 51.1 76.7



#62
4-Nitroaniline
Concen: 46.773 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:138 Resp: 136029
Ion Ratio Lower Upper
138 100
92 53.0 34.5 74.5
108 84.2 70.6 110.6

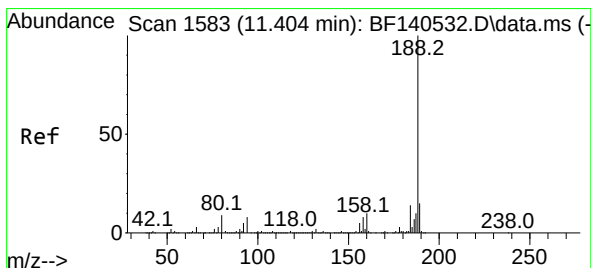
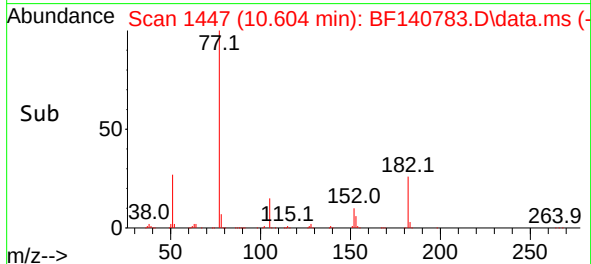
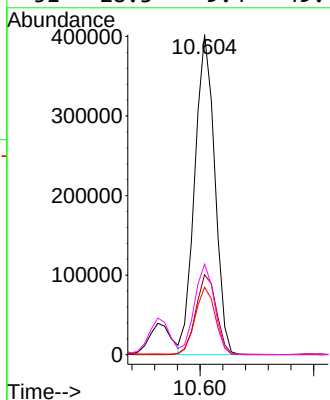
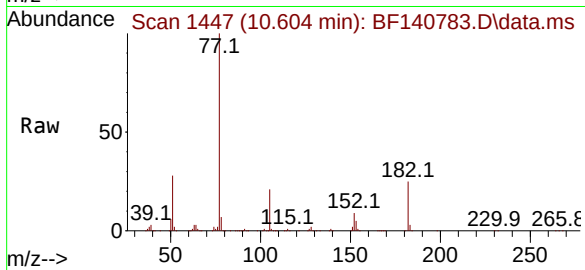




#63
Azobenzene
Concen: 40.898 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

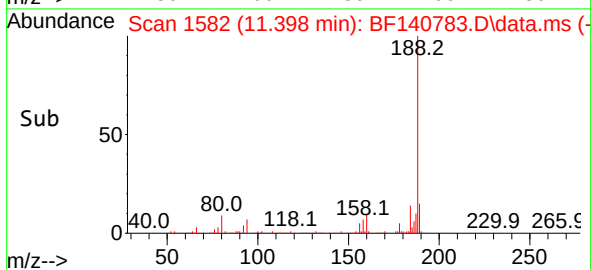
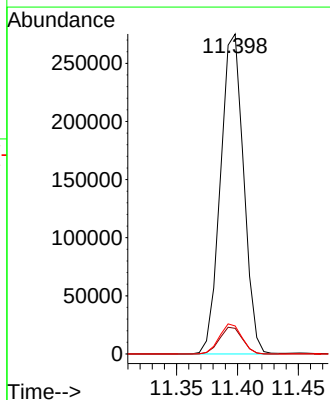
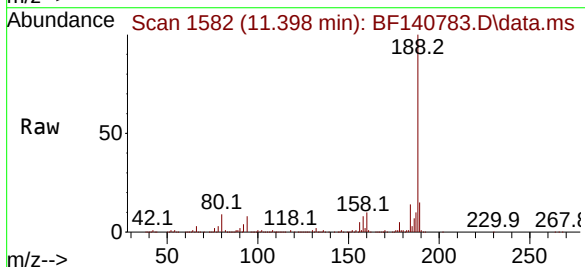
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

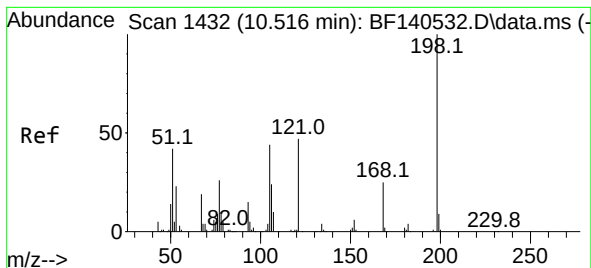
Tgt Ion: 77	Resp: 491918
Ion Ratio	Lower Upper
77 100	
182 25.0	5.3 45.3
105 21.1	0.3 40.3
51 28.3	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:188	Resp: 363500
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 8.8	6.9 10.3

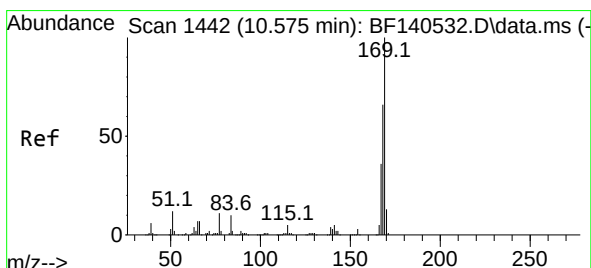
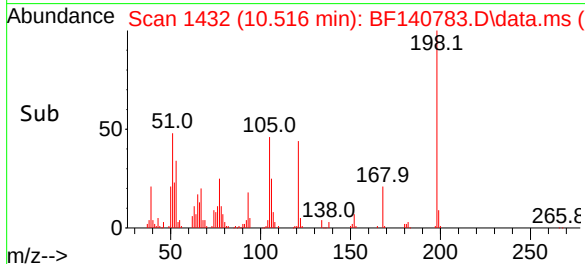
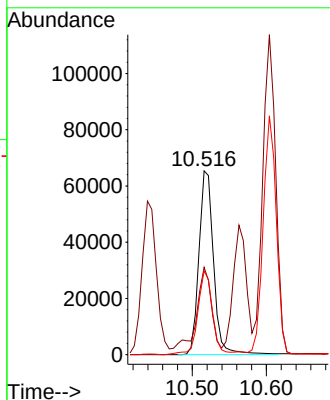
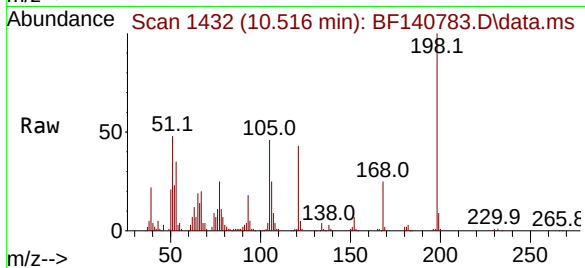




#65
4,6-Dinitro-2-methylphenol
Concen: 48.398 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

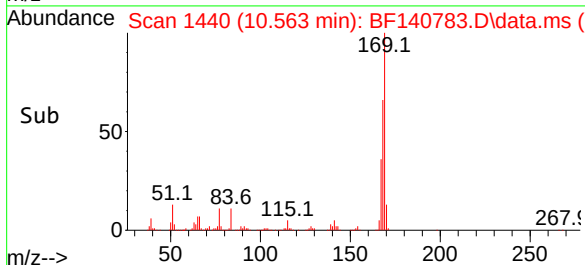
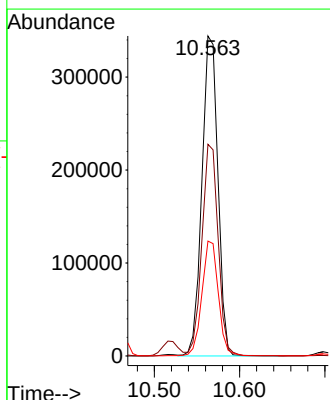
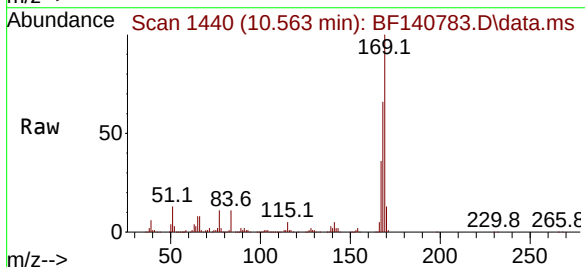
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

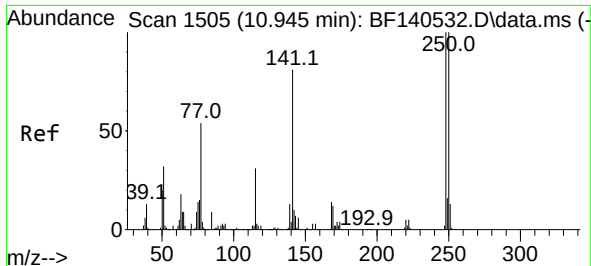
Tgt Ion:198 Resp: 89900
Ion Ratio Lower Upper
198 100
51 47.5 29.4 69.4
105 45.6 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 41.734 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:169 Resp: 448621
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.9 29.0 43.6

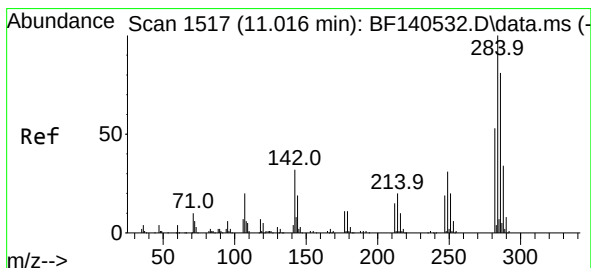
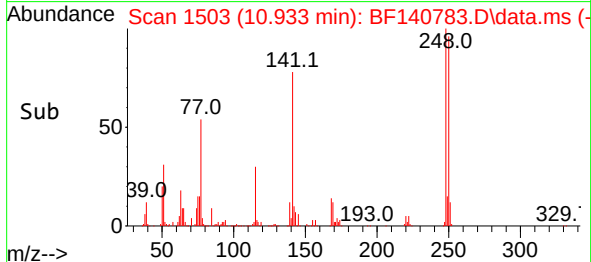
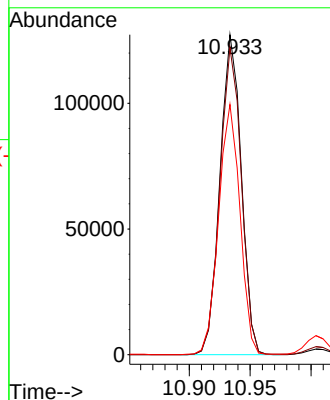
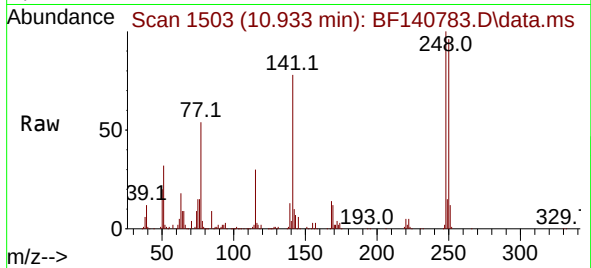




#67
4-Bromophenyl-phenylether
Concen: 41.485 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

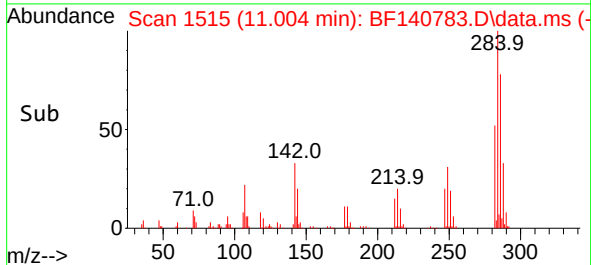
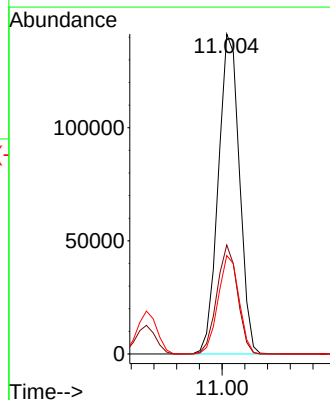
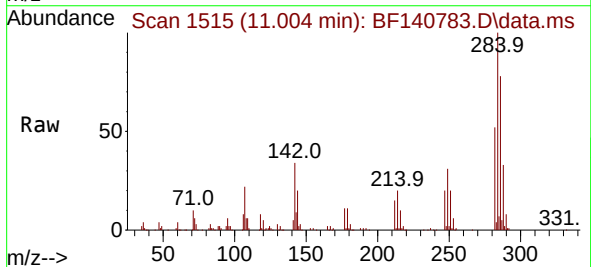
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

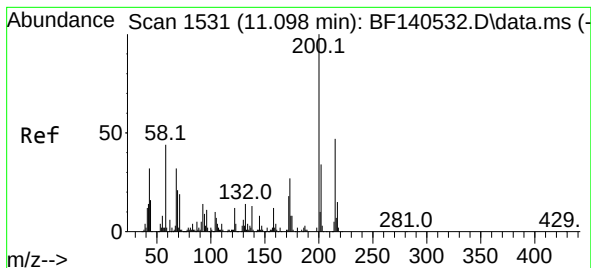
Tgt Ion:248 Resp: 155300
Ion Ratio Lower Upper
248 100
250 95.9 79.8 119.8
141 78.2 64.7 97.1



#68
Hexachlorobenzene
Concen: 42.174 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:284 Resp: 182807
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 32.001 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

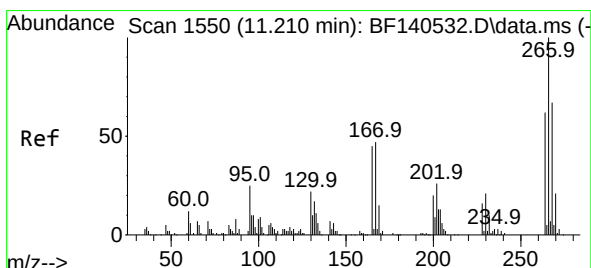
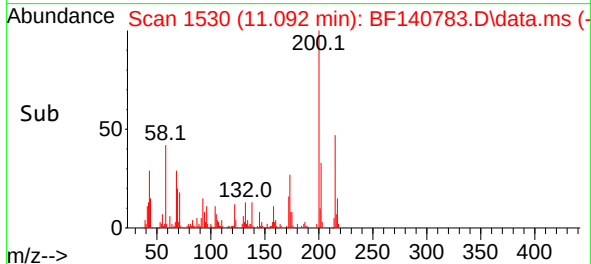
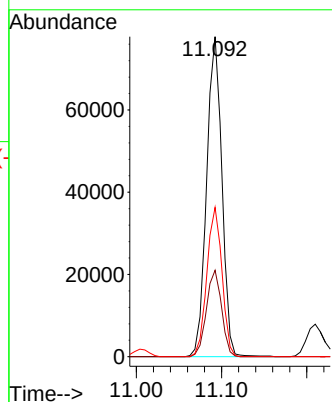
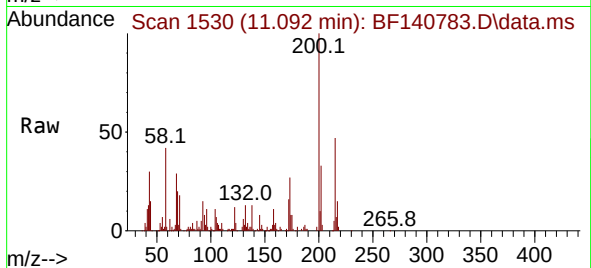
Tgt Ion:200 Resp: 96773

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 38.484 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

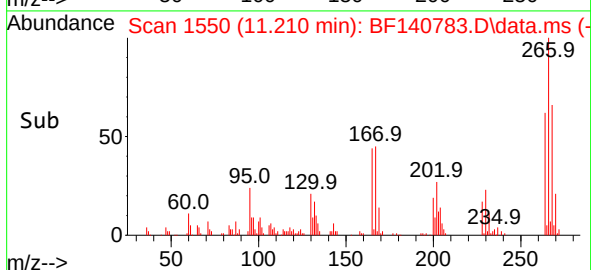
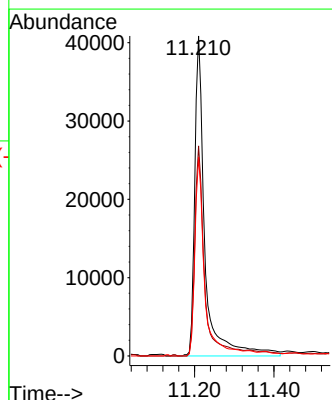
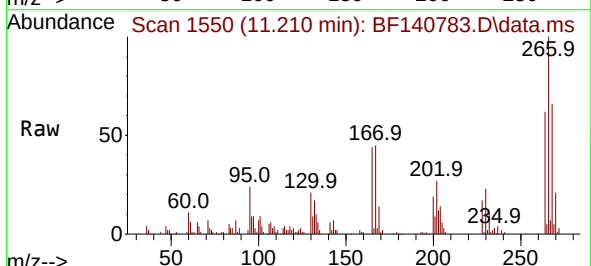
Tgt Ion:266 Resp: 73419

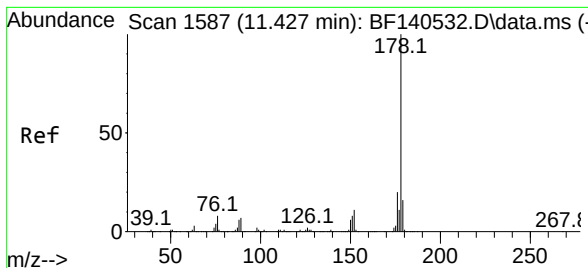
Ion Ratio Lower Upper

266 100

268 65.6 53.7 80.5

264 62.0 49.8 74.8





#71

Phenanthrene

Concen: 42.223 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

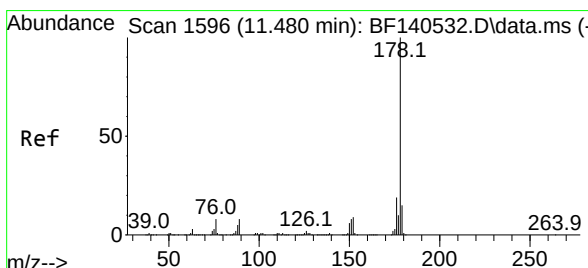
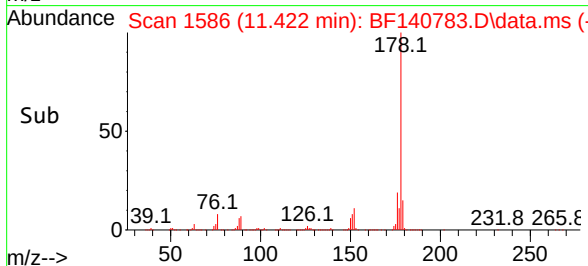
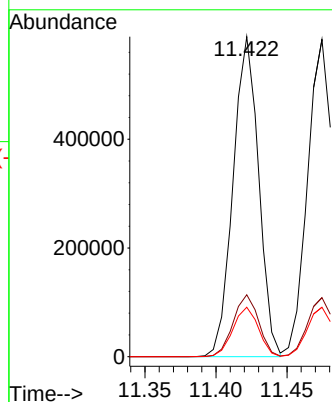
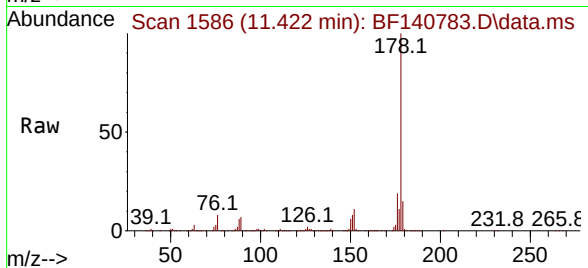
Tgt Ion:178 Resp: 737773

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 15.5 12.4 18.6



#72

Anthracene

Concen: 43.197 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

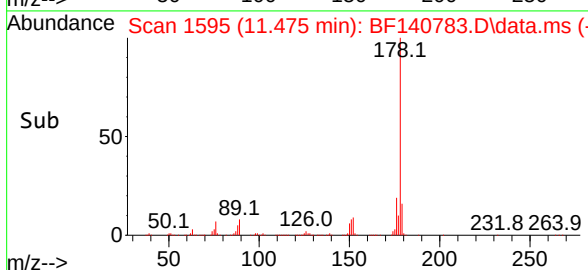
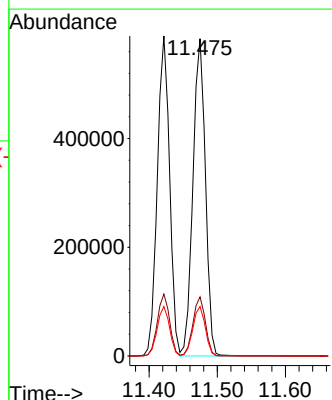
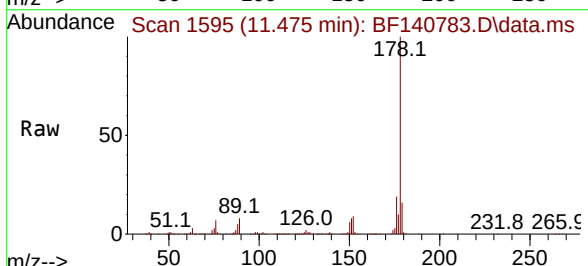
Tgt Ion:178 Resp: 738326

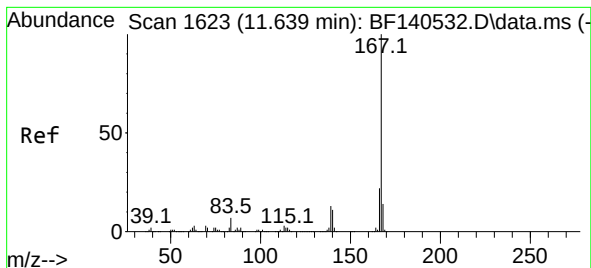
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.6 12.2 18.4





#73

Carbazole

Concen: 44.564 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

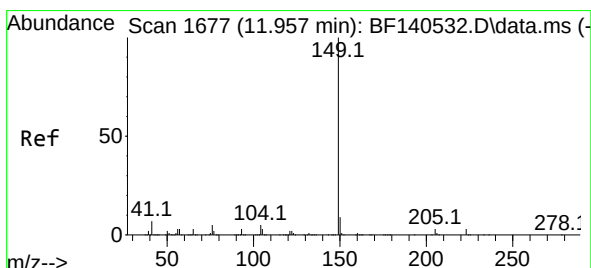
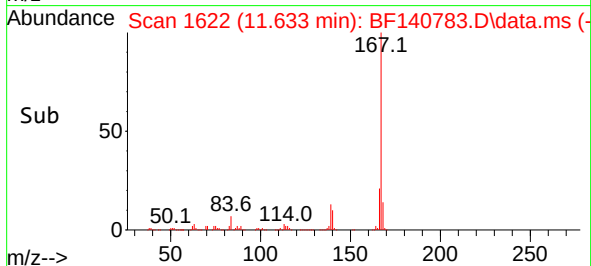
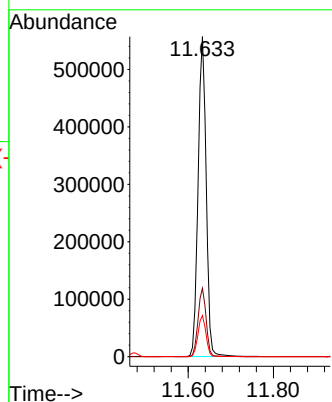
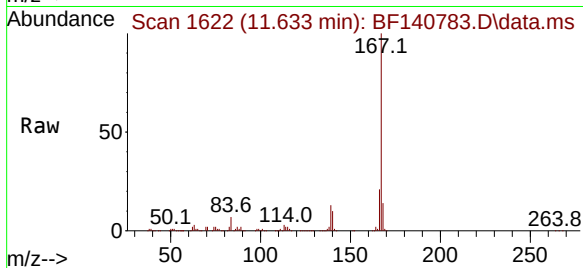
Tgt Ion:167 Resp: 732751

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 40.930 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

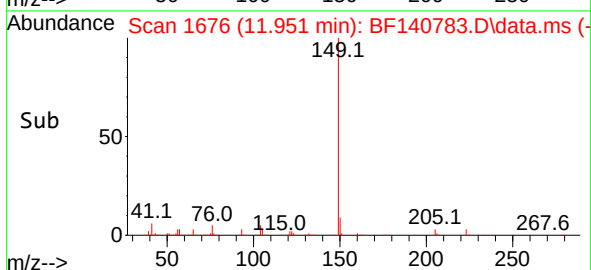
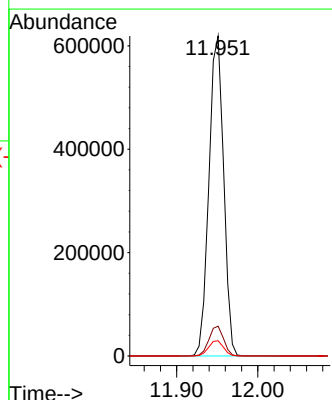
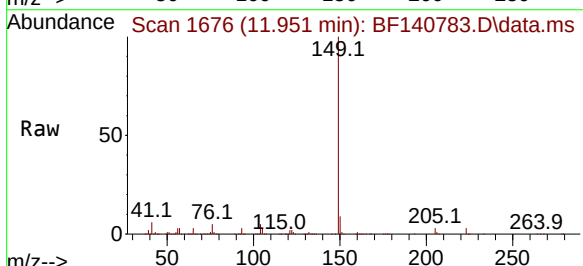
Tgt Ion:149 Resp: 776970

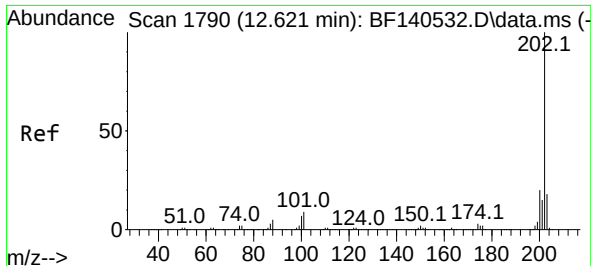
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.8 4.1 6.1

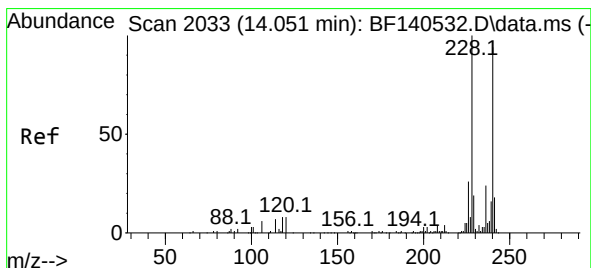
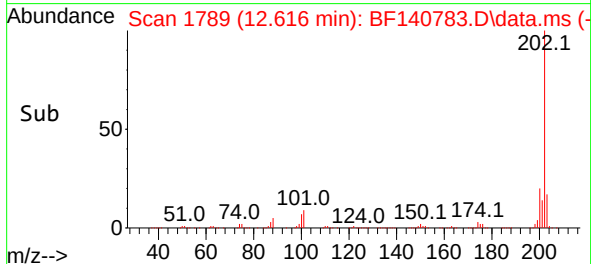
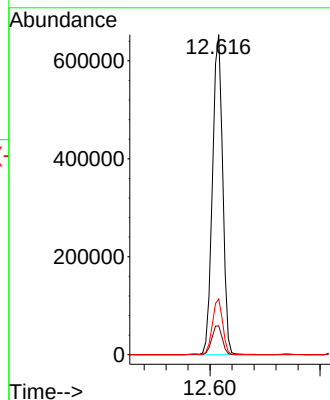
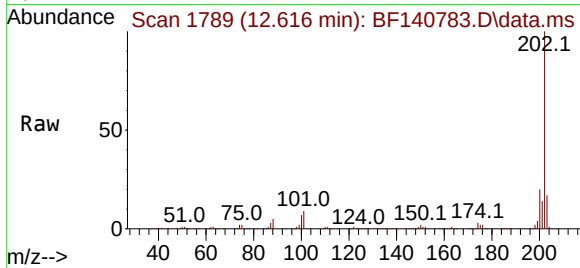




#75
Fluoranthene
Concen: 44.447 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

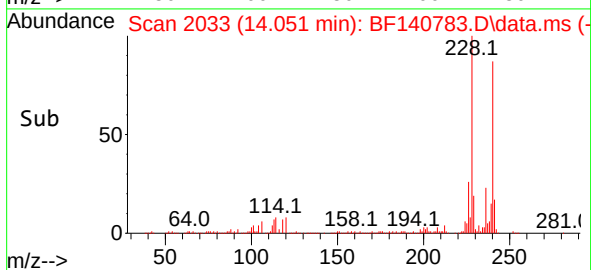
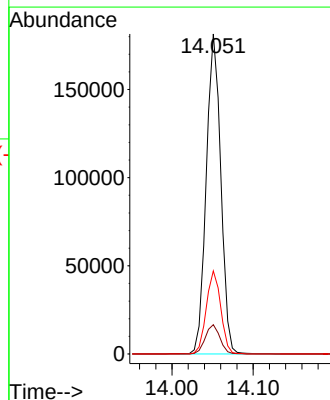
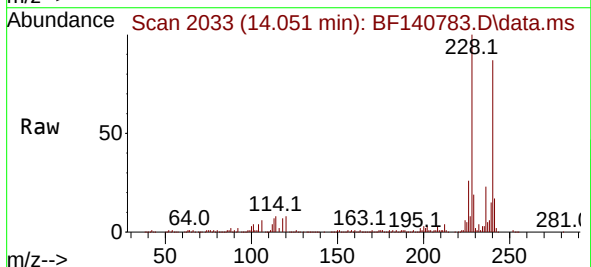
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

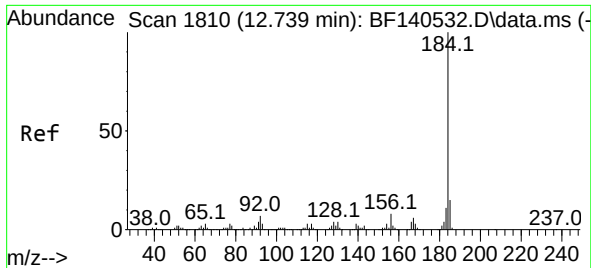
Tgt Ion:202 Resp: 843217
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:240 Resp: 224946
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.0 20.6 31.0

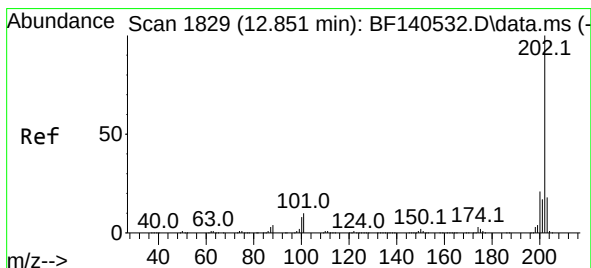
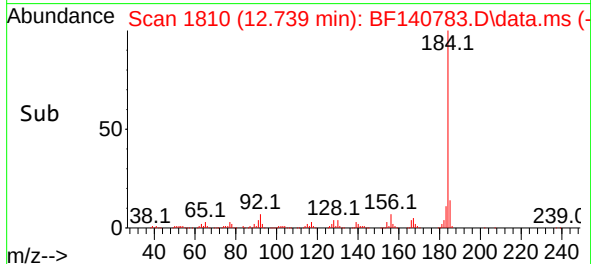
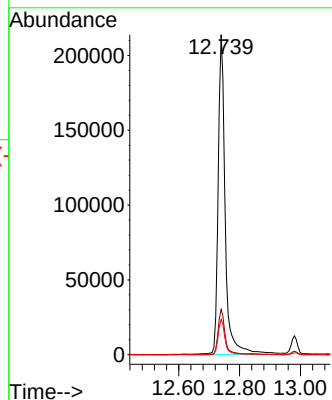
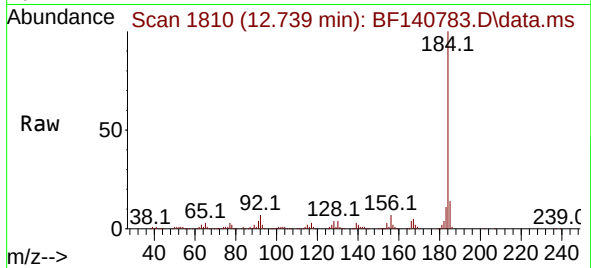




#77
Benzidine
Concen: 52.569 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

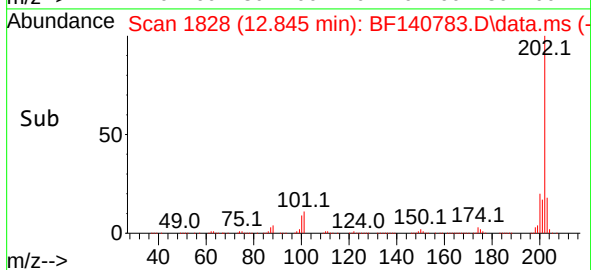
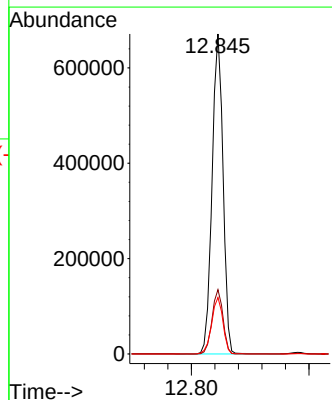
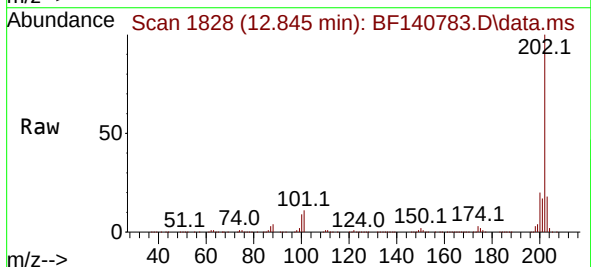
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

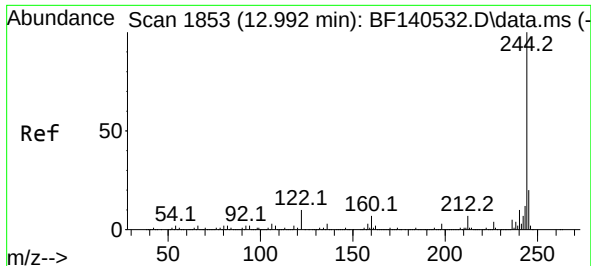
Tgt Ion:184 Resp: 343811
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.8 13.2



#78
Pyrene
Concen: 41.568 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

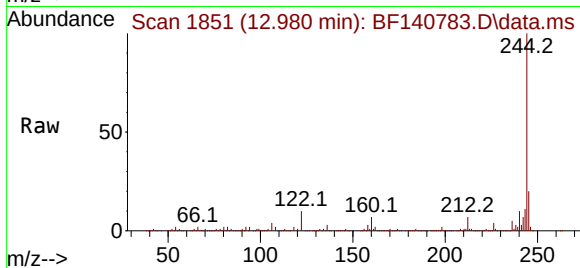
Tgt Ion:202 Resp: 864572
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.6 14.2 21.4



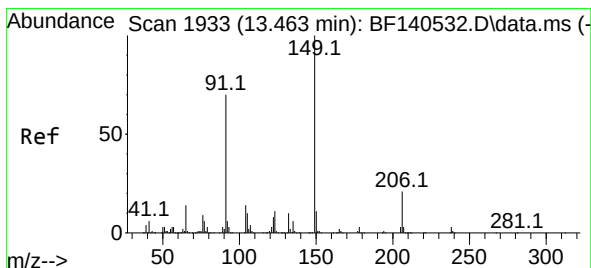
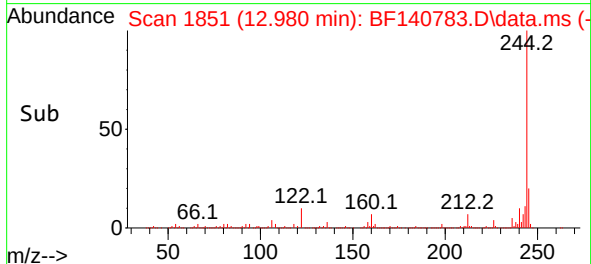
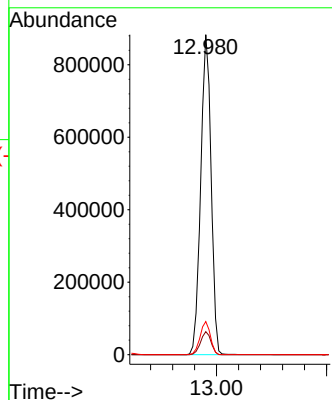


#79
 Terphenyl-d14
 Concen: 80.355 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

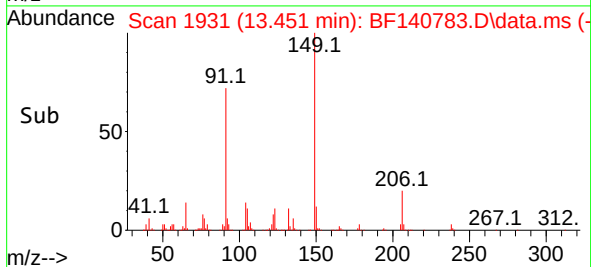
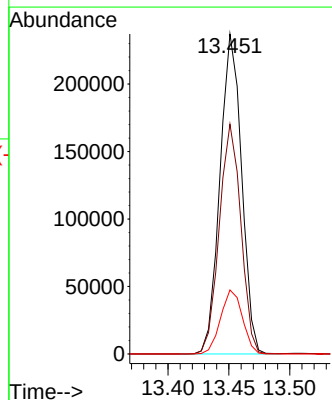
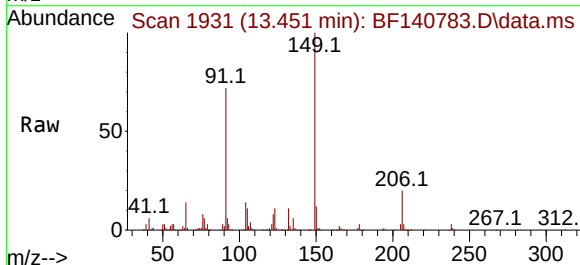


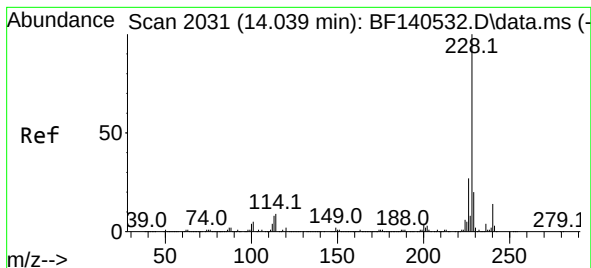
Tgt Ion:244 Resp: 1160825
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.4 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 39.160 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

Tgt Ion:149 Resp: 293415
 Ion Ratio Lower Upper
 149 100
 91 71.8 56.2 84.2
 206 20.0 16.4 24.6

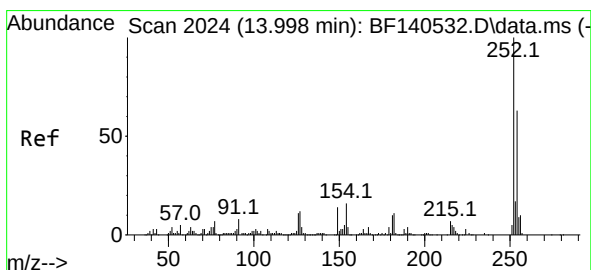
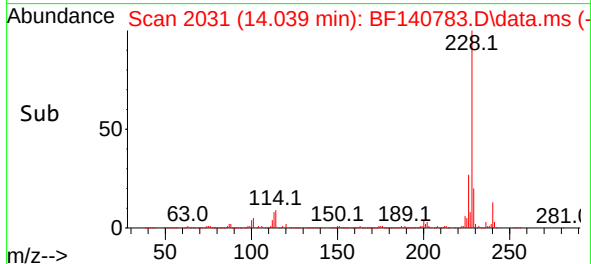
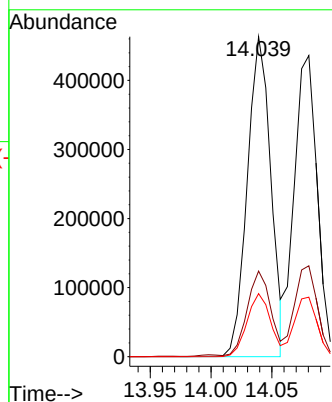
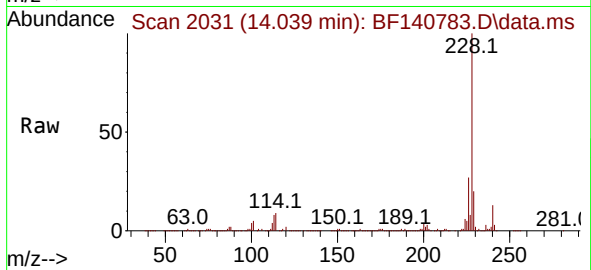




#81
Benzo(a)anthracene
Concen: 41.813 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

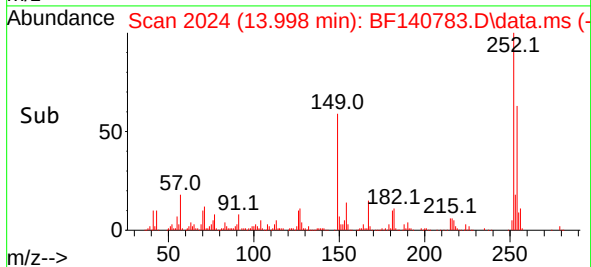
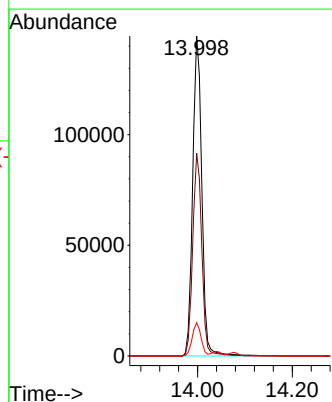
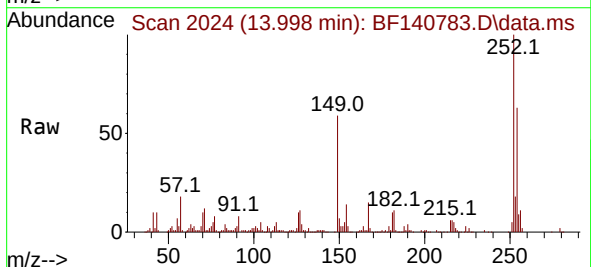
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

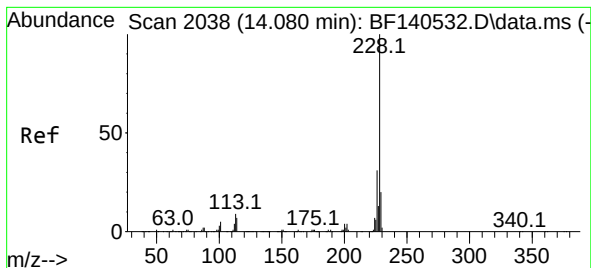
Tgt Ion:228 Resp: 622623
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 43.159 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:252 Resp: 192950
Ion Ratio Lower Upper
252 100
254 63.4 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 42.100 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

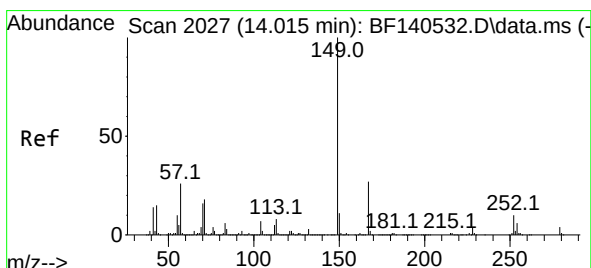
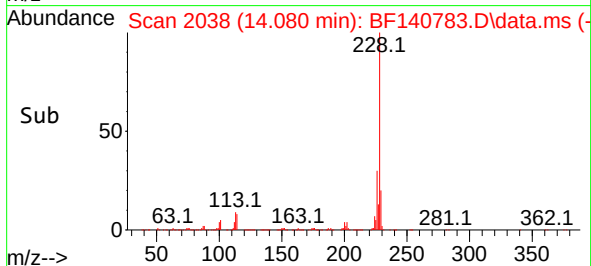
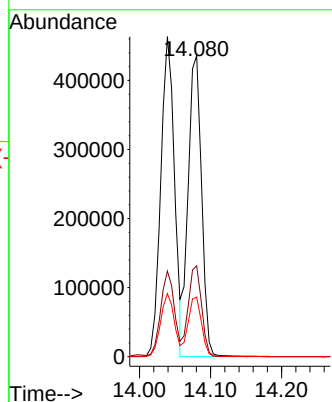
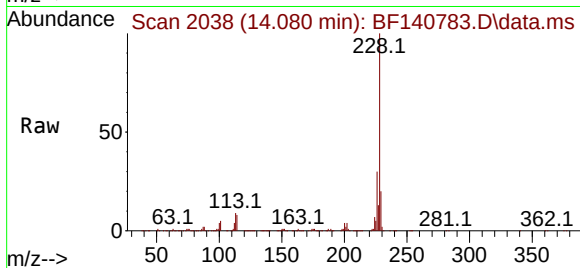
Tgt Ion:228 Resp: 573223

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.205 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

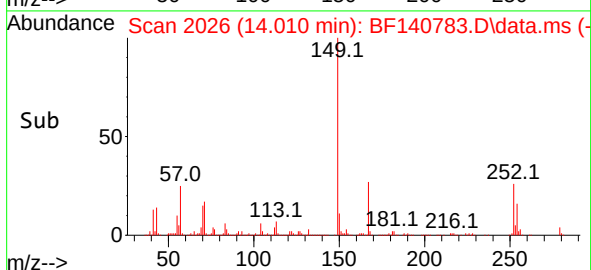
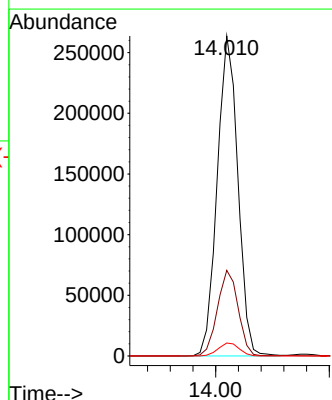
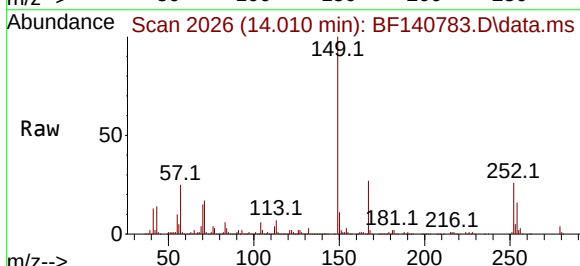
Tgt Ion:149 Resp: 333077

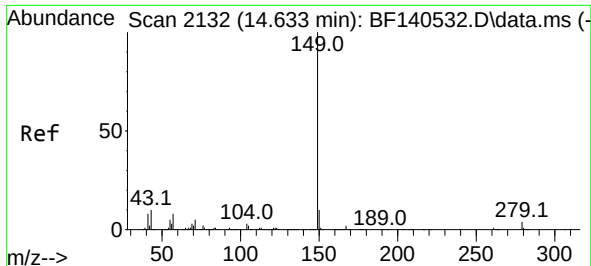
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.1 3.2 4.8

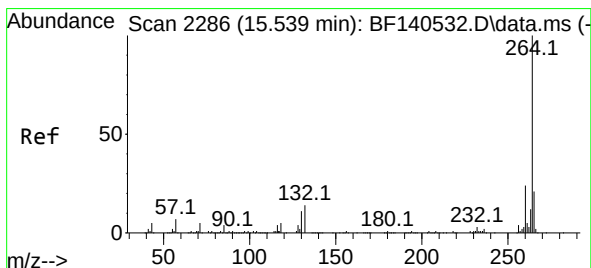
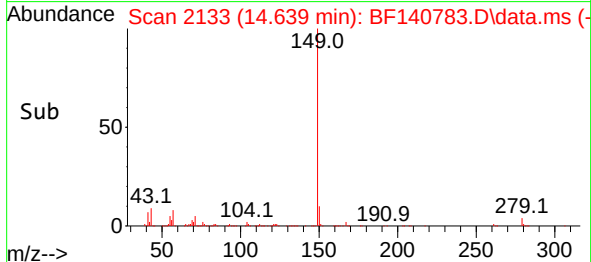
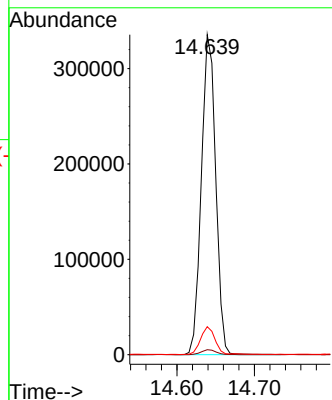
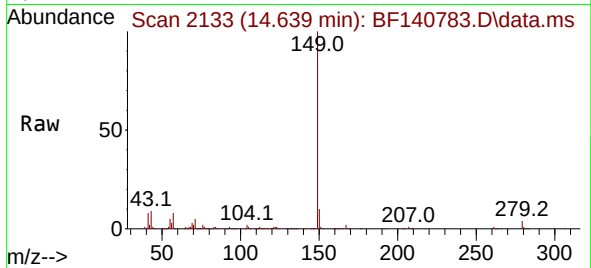




#85
Di-n-octyl phthalate
Concen: 33.370 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

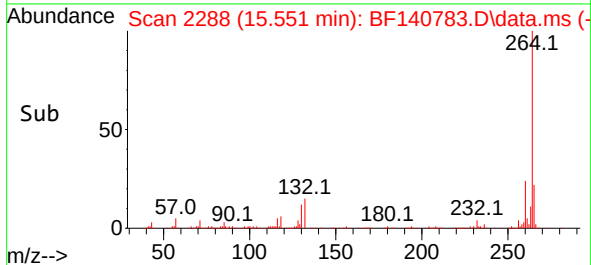
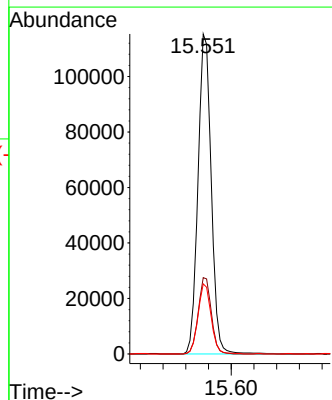
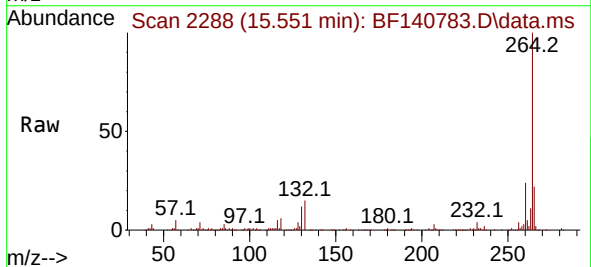
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

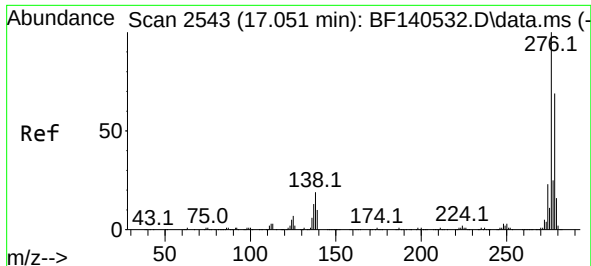
Tgt Ion:149 Resp: 431470
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:264 Resp: 187010
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.9 16.6 25.0

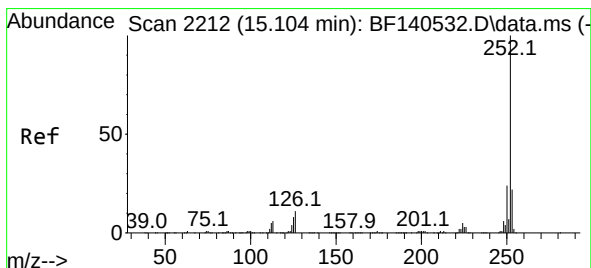
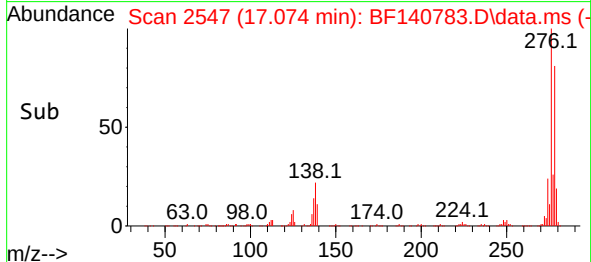
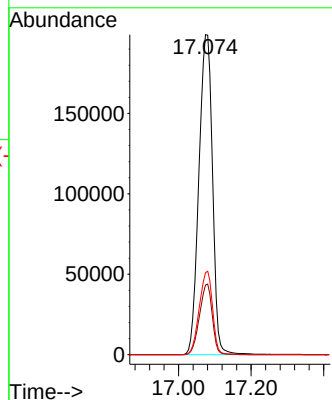
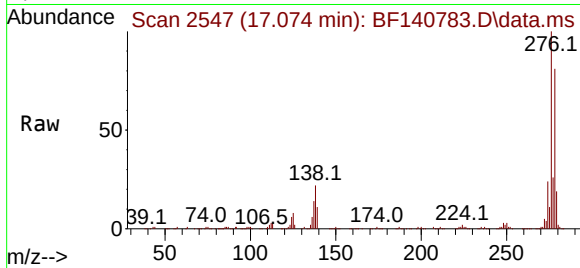




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.522 ng
RT: 17.074 min Scan# 2114
Delta R.T. 0.024 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

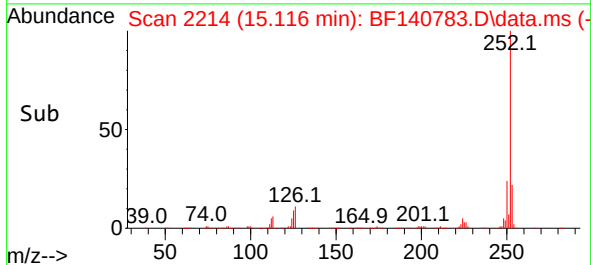
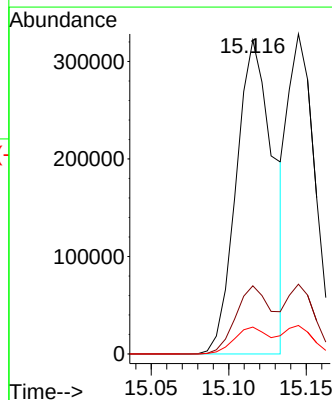
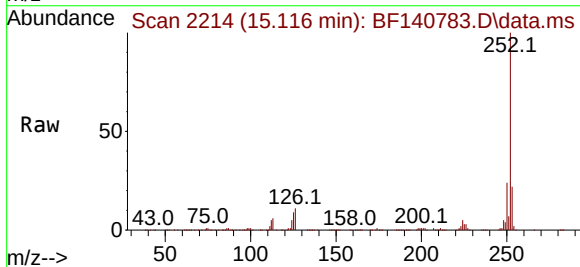
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

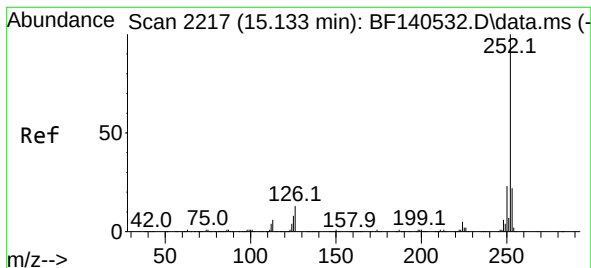
Tgt Ion:276 Resp: 518227
Ion Ratio Lower Upper
276 100
138 20.7 15.5 23.3
277 25.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 45.600 ng
RT: 15.116 min Scan# 2214
Delta R.T. 0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:252 Resp: 535631
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 38.727 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

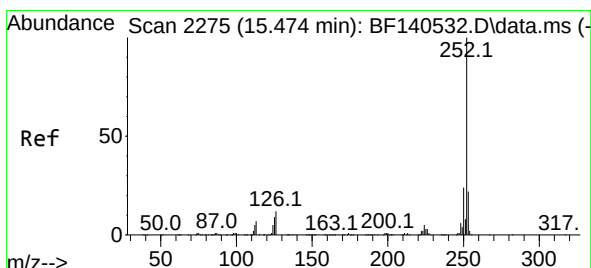
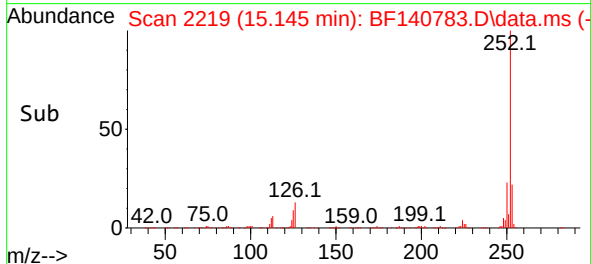
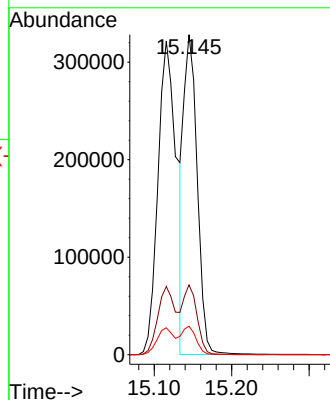
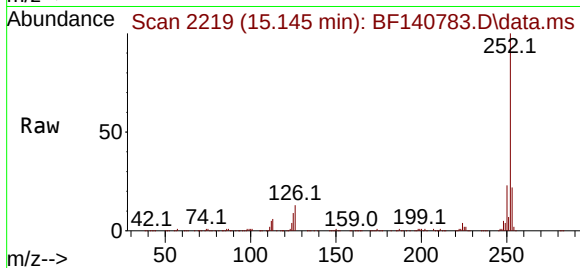
Tgt Ion:252 Resp: 398082

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.9 6.5 9.7



#90

Benzo(a)pyrene

Concen: 42.469 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

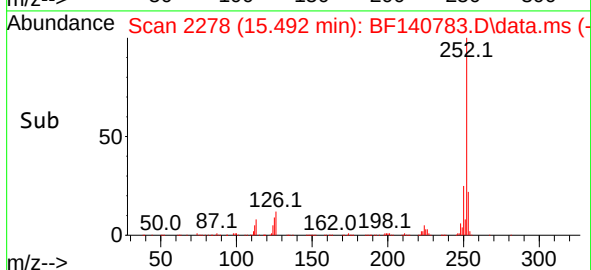
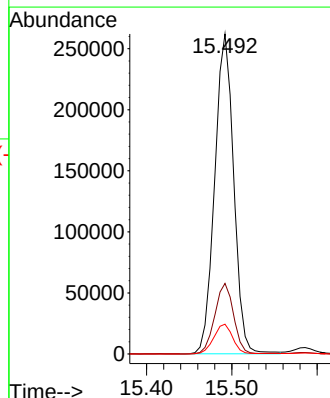
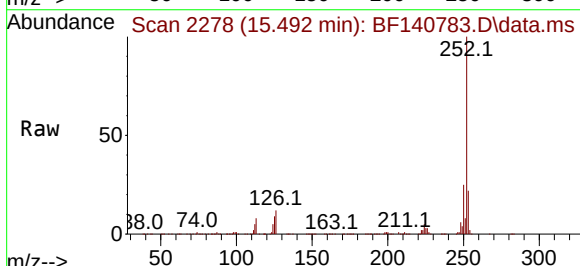
Tgt Ion:252 Resp: 405609

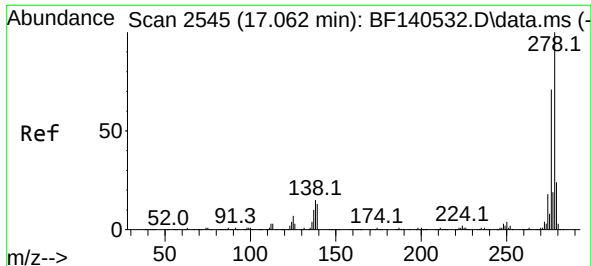
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.3 7.0 10.6

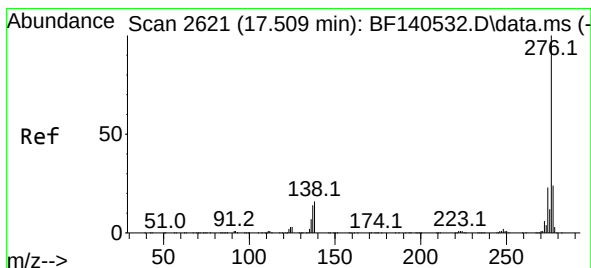
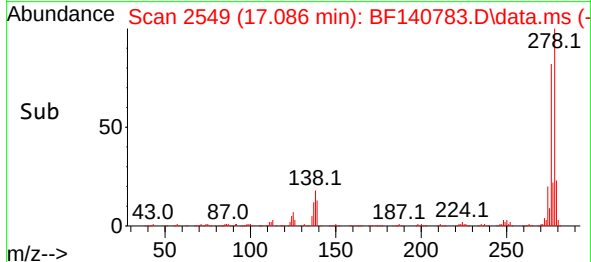
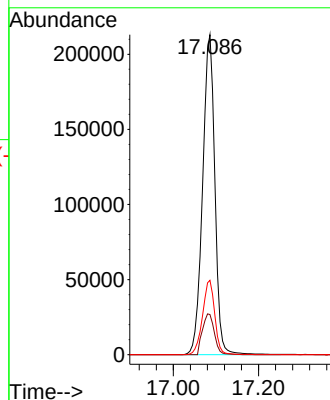
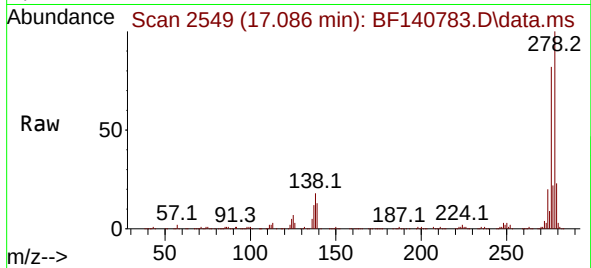




#91
Dibenzo(a,h)anthracene
Concen: 42.685 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

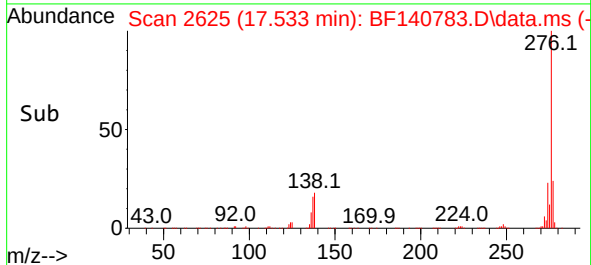
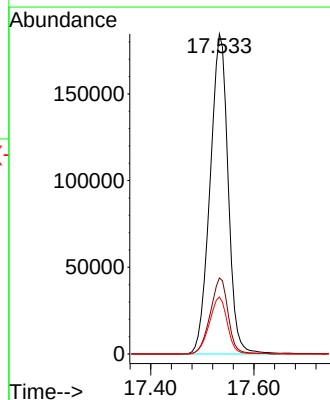
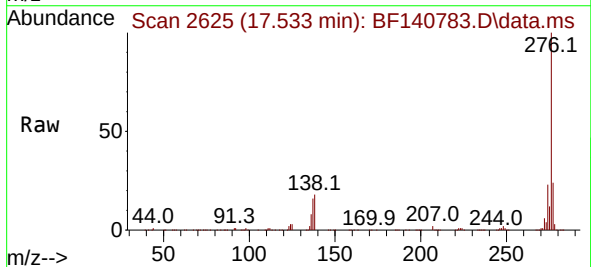
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 426039
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.4
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 43.923 ng
RT: 17.533 min Scan# 2625
Delta R.T. 0.024 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:276 Resp: 447357
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 17.8 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140788.D
 Acq On : 09 Dec 2024 14:31
 Operator : RC/JU
 Sample : PB165435BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

Quant Time: Dec 09 15:59:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73132	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	268344	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	151024	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	291303	20.000	ng	0.00
76) Chrysene-d12	14.051	240	190407	20.000	ng	0.00
86) Perylene-d12	15.557	264	142298	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	604690	141.077	ng	0.01
7) Phenol-d6	6.510	99	779920	137.637	ng	0.00
23) Nitrobenzene-d5	7.428	82	493160	94.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	239114	148.039	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	985105	97.187	ng	-0.01
79) Terphenyl-d14	12.980	244	1154710	94.431	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	75083	41.663	ng	98
3) Pyridine	3.487	79	184940	46.642	ng	99
4) n-Nitrosodimethylamine	3.446	42	102418	43.948	ng	91
6) Aniline	6.528	93	198117	49.674	ng	# 60
8) 2-Chlorophenol	6.657	128	224194	48.618	ng	96
9) Benzaldehyde	6.422	77	47889	15.964	ng	97
10) Phenol	6.528	94	282696	48.851	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	213656	48.248	ng	98
12) 1,3-Dichlorobenzene	6.804	146	234675	45.291	ng	98
13) 1,4-Dichlorobenzene	6.881	146	236406	45.060	ng	99
14) 1,2-Dichlorobenzene	7.034	146	226402	46.053	ng	99
15) Benzyl Alcohol	7.010	79	197779	47.065	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	245725	46.970	ng	67
17) 2-Methylphenol	7.128	107	176087	47.703	ng	96
18) Hexachloroethane	7.369	117	88663	45.248	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	157526	47.038	ng	98
20) 3+4-Methylphenols	7.281	107	234798	49.487	ng	# 90
22) Acetophenone	7.275	105	308157	47.104	ng	95
24) Nitrobenzene	7.451	77	244670	45.125	ng	96
25) Isophorone	7.687	82	426005	48.685	ng	99
26) 2-Nitrophenol	7.763	139	119856	49.881	ng	97
27) 2,4-Dimethylphenol	7.804	122	167771	58.356	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	252551	47.377	ng	100
29) 2,4-Dichlorophenol	8.016	162	192153	50.440	ng	96
30) 1,2,4-Trichlorobenzene	8.087	180	200187	46.024	ng	100
31) Naphthalene	8.169	128	659550	47.717	ng	100
32) Benzoic acid	7.945	122	97104	40.190	ng	97
33) 4-Chloroaniline	8.222	127	105664	25.533	ng	98
34) Hexachlorobutadiene	8.281	225	129909	45.092	ng	99
35) Caprolactam	8.592	113	33157	28.125	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	209630	49.149	ng	100
37) 2-Methylnaphthalene	8.857	142	434148	49.452	ng	99
38) 1-Methylnaphthalene	8.957	142	401097	46.610	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	213649	48.323	ng	99
41) Hexachlorocyclopentadiene	9.010	237	123015	119.792	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	130404	47.005	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140788.D
 Acq On : 09 Dec 2024 14:31
 Operator : RC/JU
 Sample : PB165435BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

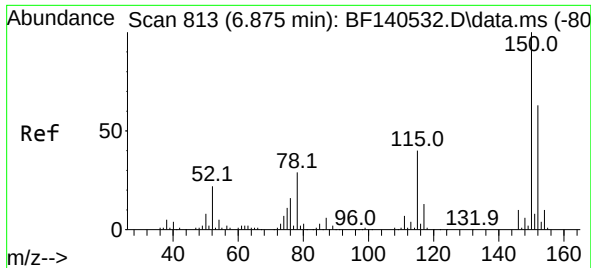
Quant Time: Dec 09 15:59:28 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138745	46.081	ng	97
46) 1,1'-Biphenyl	9.322	154	544616	48.300	ng	99
47) 2-Chloronaphthalene	9.351	162	402856	47.152	ng	99
48) 2-Nitroaniline	9.451	65	133454	48.664	ng	98
49) Acenaphthylene	9.769	152	668102	51.755	ng	99
50) Dimethylphthalate	9.622	163	482619	48.522	ng	100
51) 2,6-Dinitrotoluene	9.692	165	106240	47.097	ng	96
52) Acenaphthene	9.939	154	399206	48.670	ng	99
53) 3-Nitroaniline	9.869	138	71055	32.206	ng	93
54) 2,4-Dinitrophenol	9.986	184	107779	91.056	ng	94
55) Dibenzofuran	10.110	168	609172	48.690	ng	99
56) 4-Nitrophenol	10.051	139	129552	86.100	ng	97
57) 2,4-Dinitrotoluene	10.104	165	145072	48.389	ng	95
58) Fluorene	10.457	166	491872	48.980	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	122516	52.946	ng	91
60) Diethylphthalate	10.322	149	484343	47.928	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	239856	48.669	ng	95
62) 4-Nitroaniline	10.486	138	111708	48.276	ng	94
63) Azobenzene	10.604	77	455652	47.612	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	80019	53.756	ng	96
66) n-Nitrosodiphenylamine	10.563	169	425471	49.390	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	141435	47.145	ng	97
68) Hexachlorobenzene	11.004	284	162708	46.840	ng	97
69) Atrazine	11.092	200	135438	55.886	ng	99
70) Pentachlorophenol	11.210	266	124566	81.477	ng	100
71) Phenanthrene	11.422	178	702145	50.144	ng	99
72) Anthracene	11.475	178	713823	52.114	ng	100
73) Carbazole	11.633	167	661646	50.213	ng	100
74) Di-n-butylphthalate	11.951	149	726470	47.754	ng	99
75) Fluoranthene	12.616	202	779823	51.293	ng	100
77) Benzidine	12.739	184	192710	34.810	ng	99
78) Pyrene	12.845	202	799086	45.388	ng	100
80) Butylbenzylphthalate	13.451	149	290428	45.793	ng	99
81) Benzo(a)anthracene	14.039	228	624066	49.513	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	133825	35.364	ng	98
83) Chrysene	14.080	228	586907	50.924	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	342209	42.732	ng	100
85) Di-n-octyl phthalate	14.639	149	438390	40.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	465855	50.236	ng	99
88) Benzo(b)fluoranthene	15.116	252	478015	53.482	ng	99
89) Benzo(k)fluoranthene	15.145	252	380212	48.611	ng	99
90) Benzo(a)pyrene	15.492	252	391696	53.899	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	374312	49.287	ng	99
92) Benzo(g,h,i)perylene	17.533	276	359573	46.398	ng	98

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

Quant Time: Dec 09 15:59:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

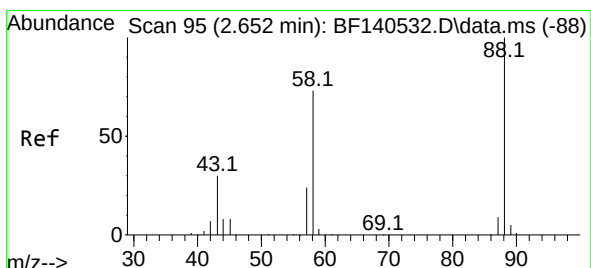
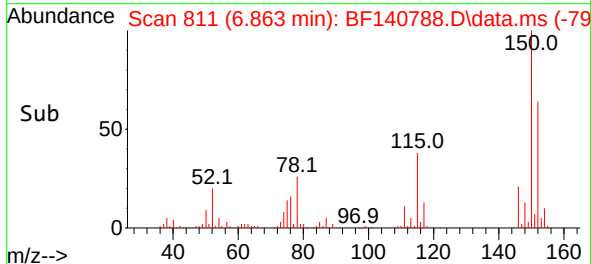
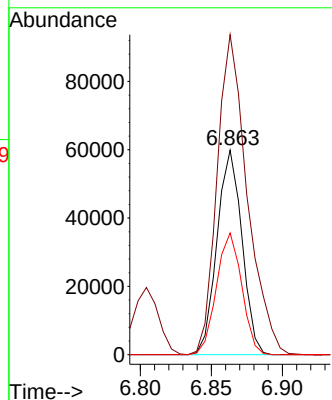
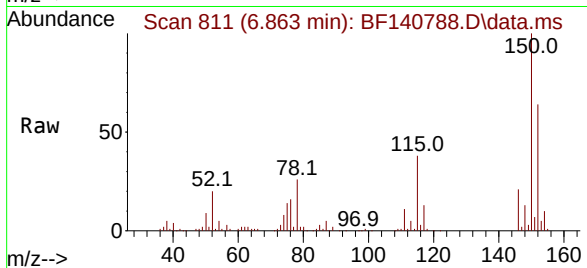




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

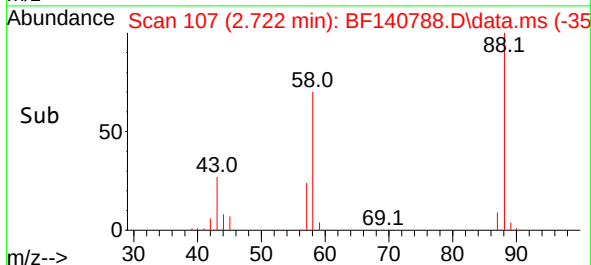
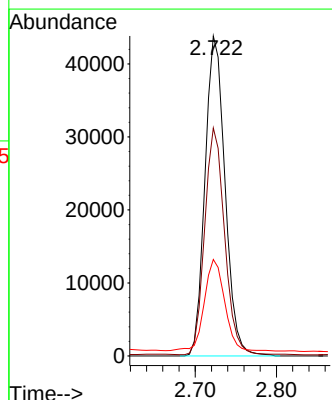
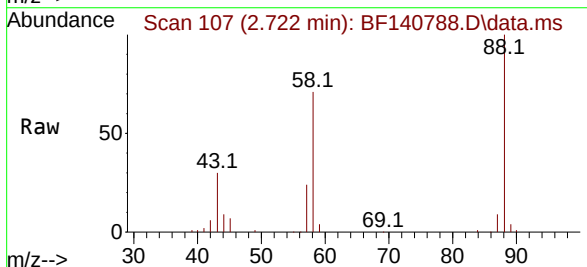
Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

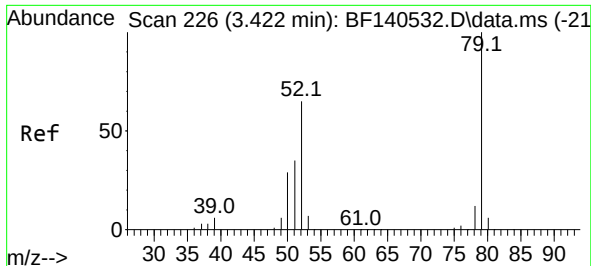
Tgt Ion:152 Resp: 73132
 Ion Ratio Lower Upper
 152 100
 150 156.4 128.5 192.7
 115 59.5 50.2 75.4



#2
 1,4-Dioxane
 Concen: 41.663 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.071 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Tgt Ion: 88 Resp: 75083
 Ion Ratio Lower Upper
 88 100
 58 70.4 57.4 86.2
 43 29.1 24.3 36.5





#3

Pyridine

Concen: 46.642 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

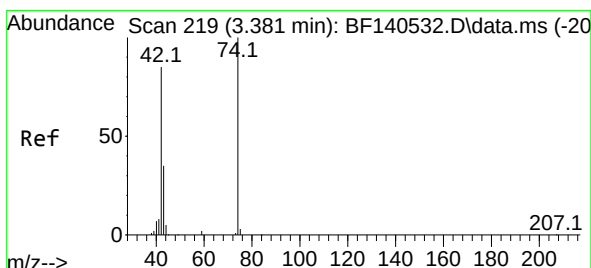
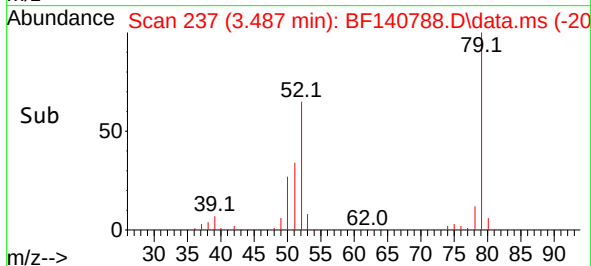
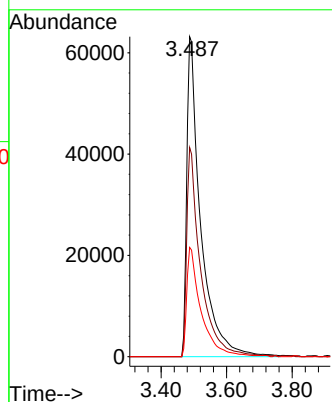
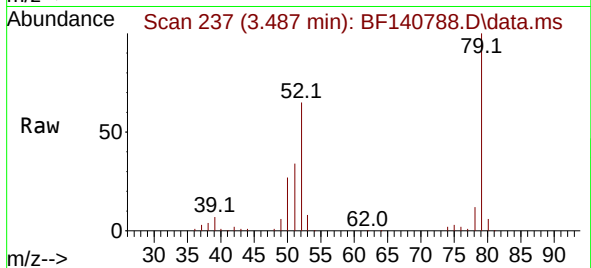
Tgt Ion: 79 Resp: 184940

Ion Ratio Lower Upper

79 100

52 65.4 52.1 78.1

51 34.2 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 43.948 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.065 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

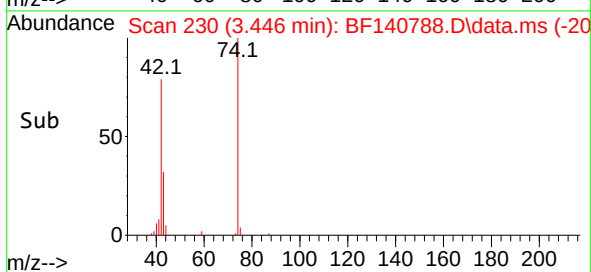
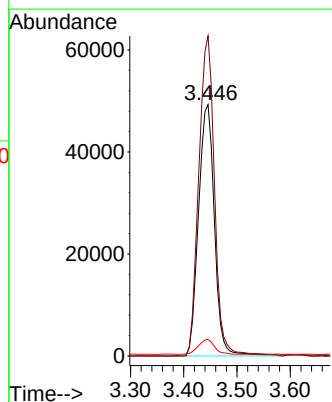
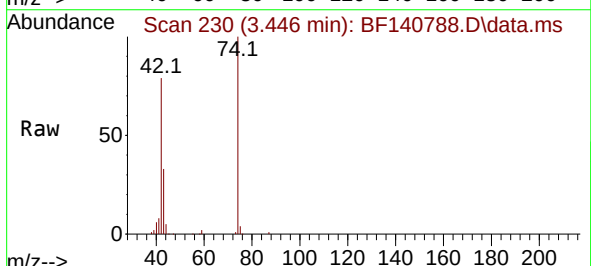
Tgt Ion: 42 Resp: 102418

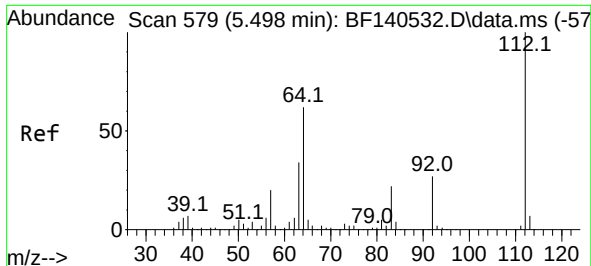
Ion Ratio Lower Upper

42 100

74 127.3 93.8 140.6

44 6.5 4.6 6.8

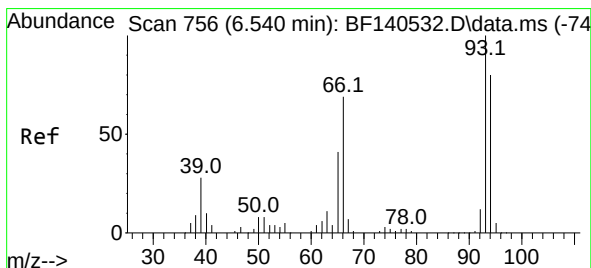
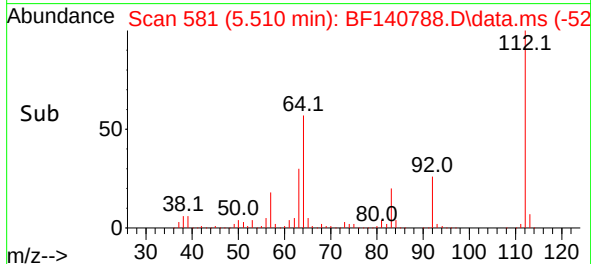
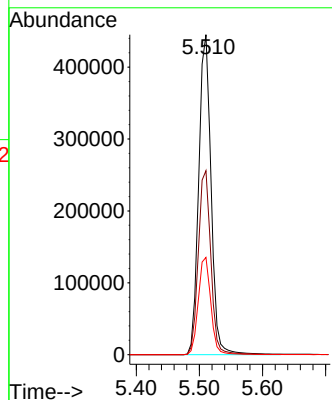
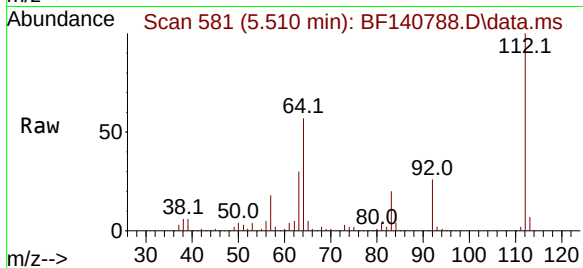




#5
2-Fluorophenol
Concen: 141.077 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

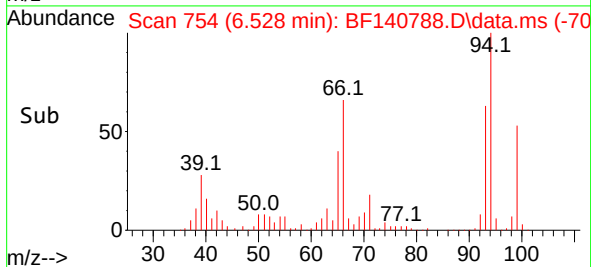
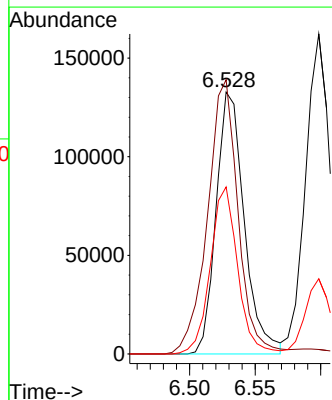
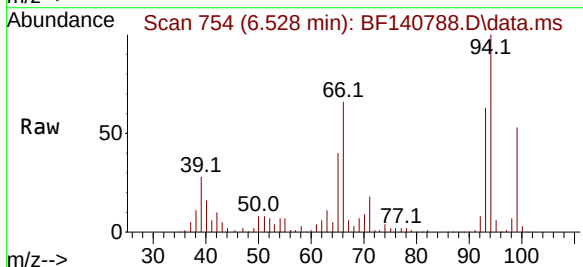
Instrument :
BNA_F
ClientSampleId :
PB165435BS

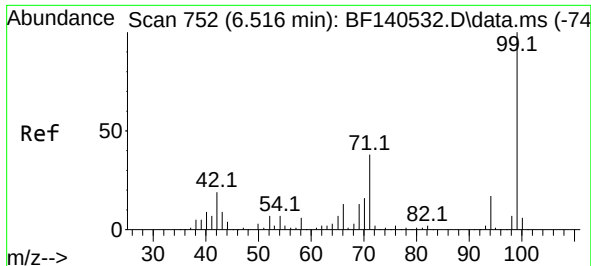
Tgt Ion:112 Resp: 604690
Ion Ratio Lower Upper
112 100
64 57.5 49.2 73.8
63 30.4 27.0 40.4



#6
Aniline
Concen: 49.674 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 93 Resp: 198117
Ion Ratio Lower Upper
93 100
66 104.7 56.5 84.7#
65 63.8 32.9 49.3#

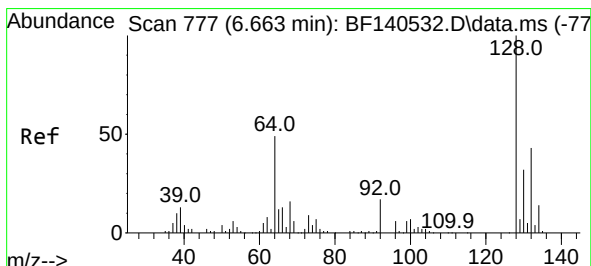
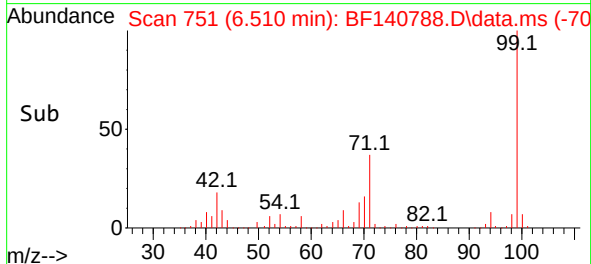
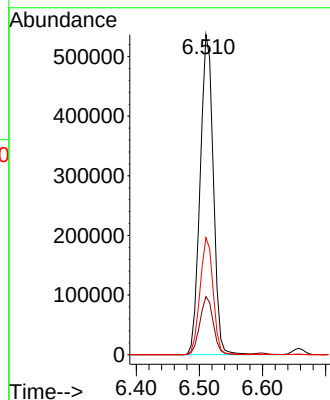
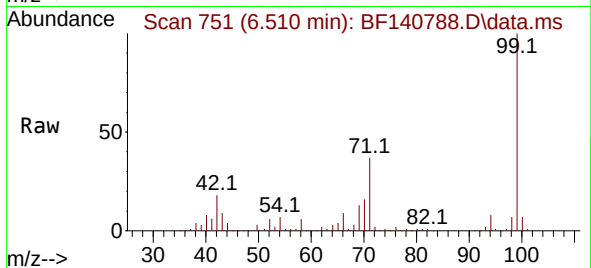




#7
Phenol-d6
Concen: 137.637 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

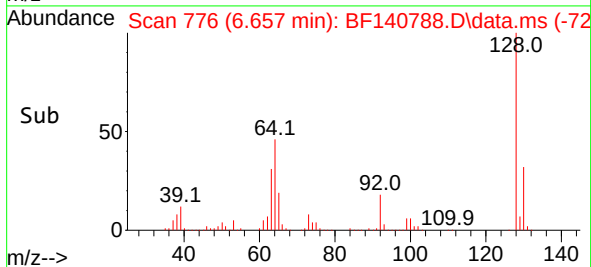
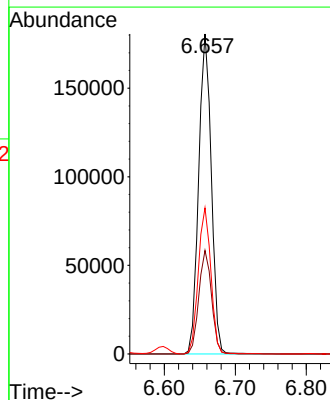
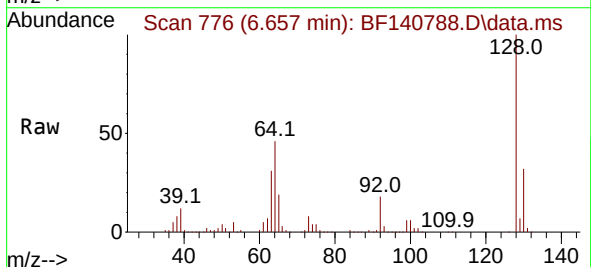
Instrument :
BNA_F
ClientSampleId :
PB165435BS

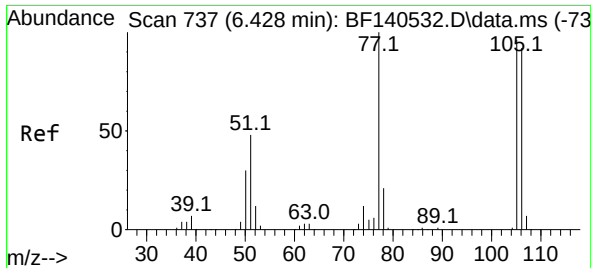
Tgt Ion: 99 Resp: 779920
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.6 30.6 46.0



#8
2-Chlorophenol
Concen: 48.618 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:128 Resp: 224194
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 45.7 30.2 70.2





#9

Benzaldehyde

Concen: 15.964 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

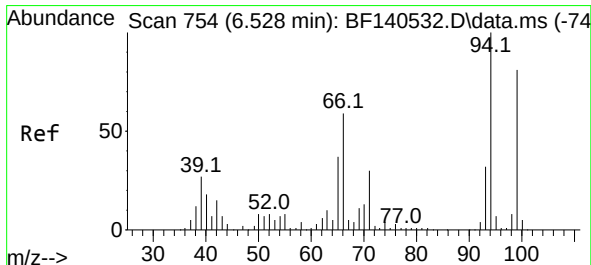
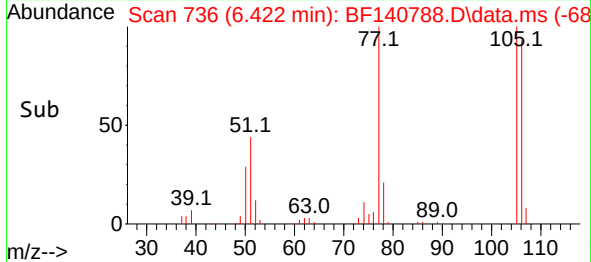
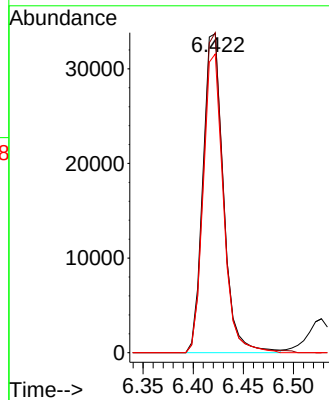
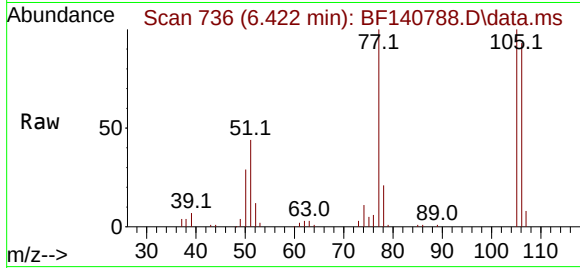
Tgt Ion: 77 Resp: 47889

Ion Ratio Lower Upper

77 100

105 100.3 75.6 115.6

106 93.6 72.0 112.0



#10

Phenol

Concen: 48.851 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

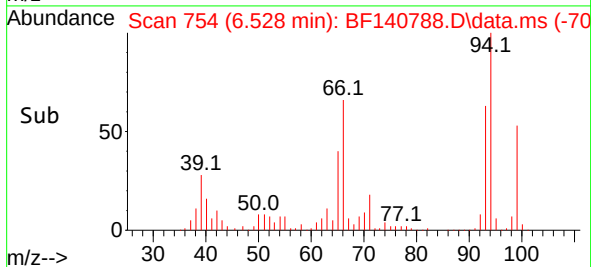
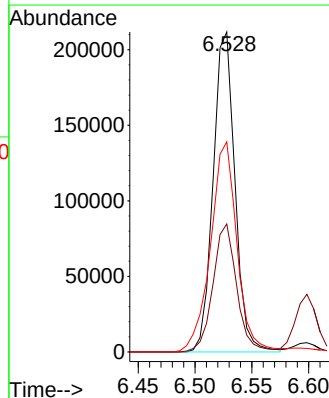
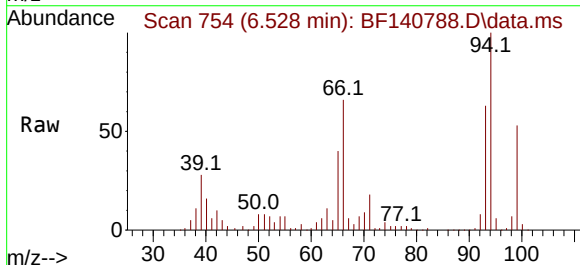
Tgt Ion: 94 Resp: 282696

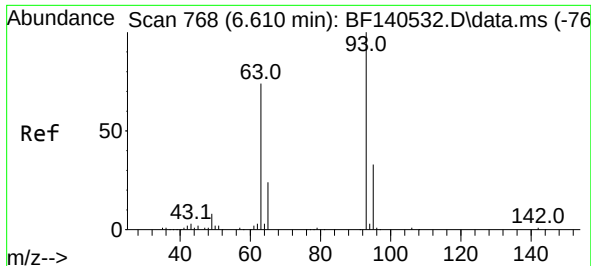
Ion Ratio Lower Upper

94 100

65 40.0 17.2 57.2

66 65.7 39.2 79.2

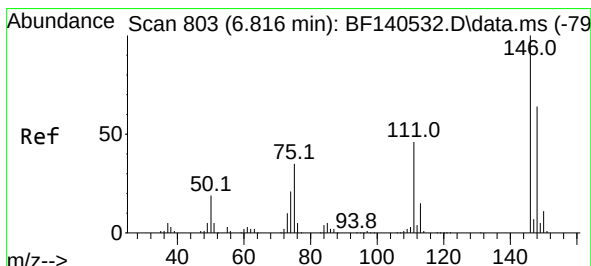
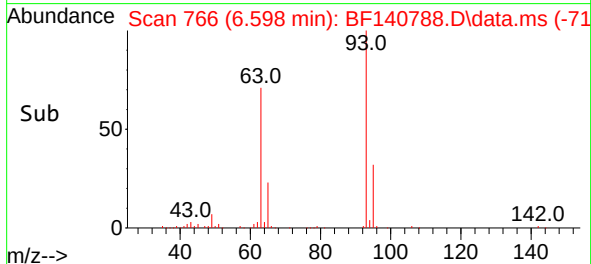
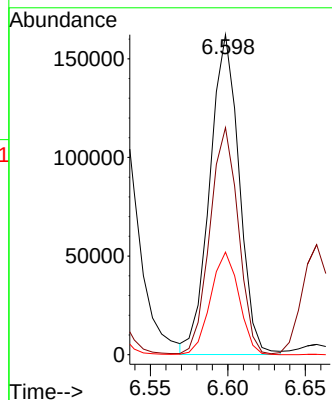
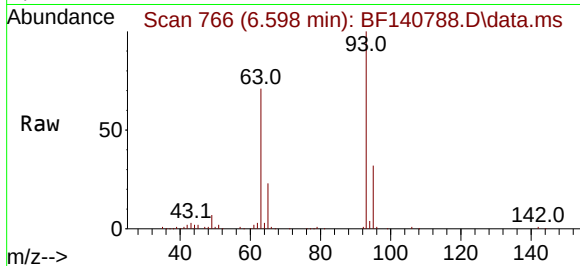




#11
bis(2-Chloroethyl)ether
Concen: 48.248 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

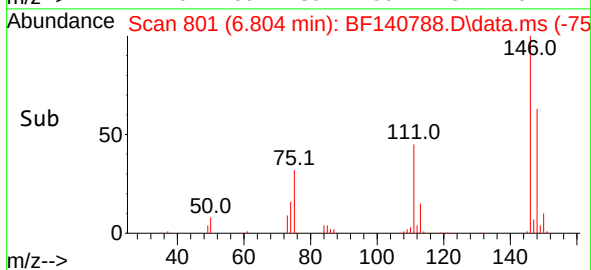
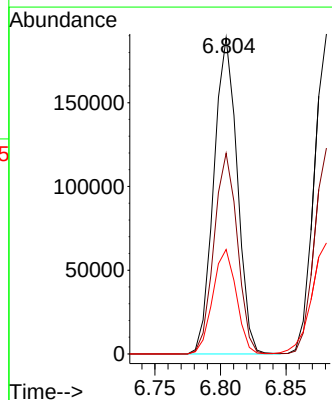
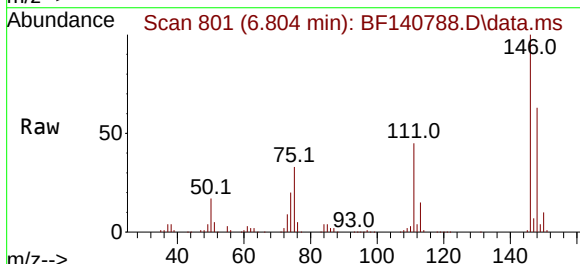
Instrument :
BNA_F
ClientSampleId :
PB165435BS

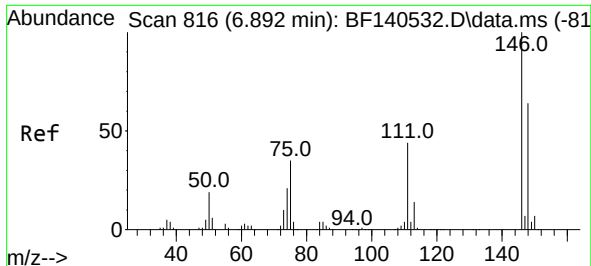
Tgt Ion: 93 Resp: 213656
Ion Ratio Lower Upper
93 100
63 70.9 52.8 92.8
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.291 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 146 Resp: 234675
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.0 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 45.060 ng

RT: 6.881 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

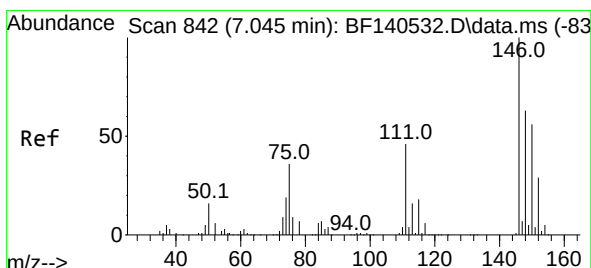
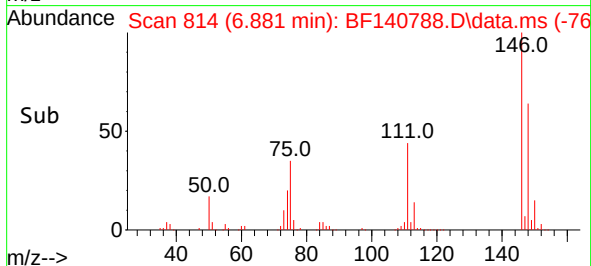
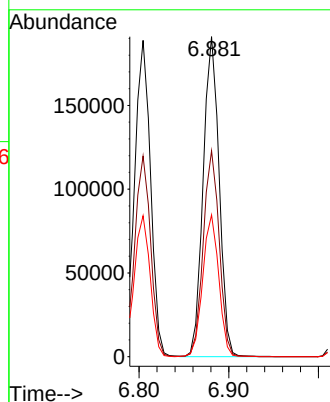
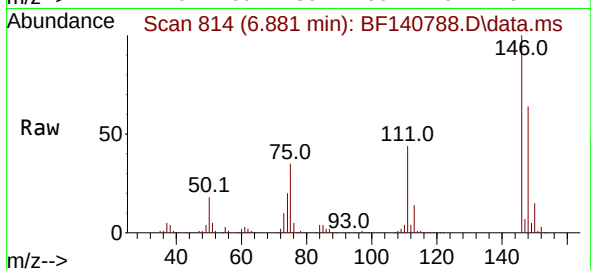
Tgt Ion:146 Resp: 236406

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 44.3 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 46.053 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

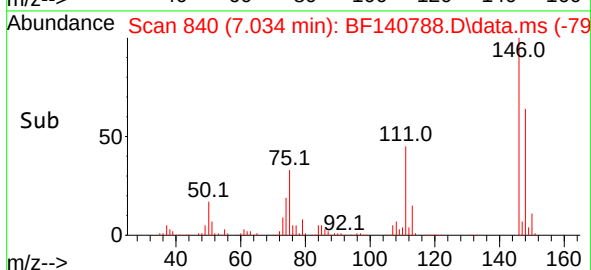
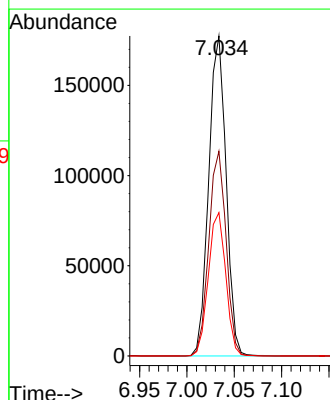
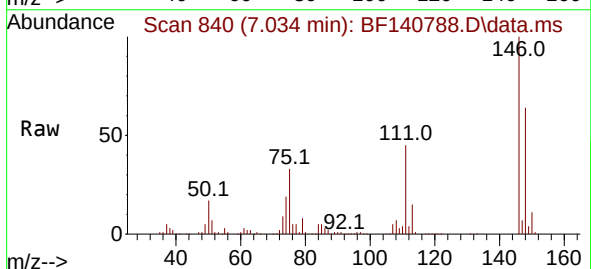
Tgt Ion:146 Resp: 226402

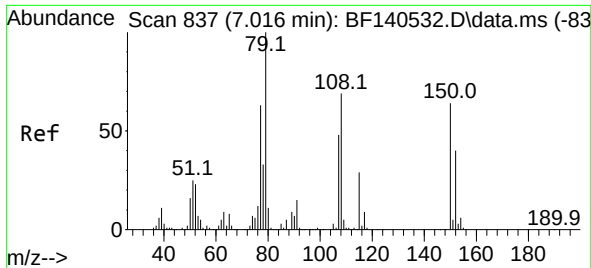
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

111 44.8 36.7 55.1

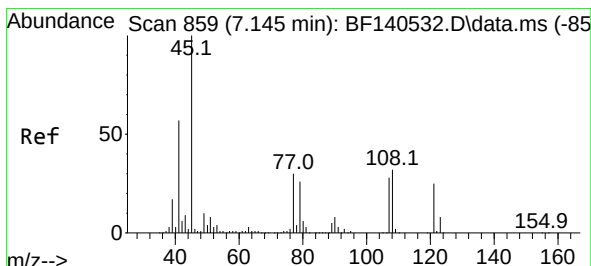
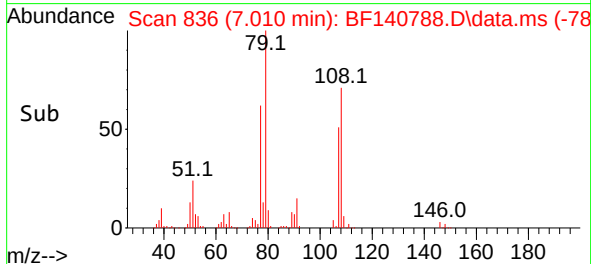
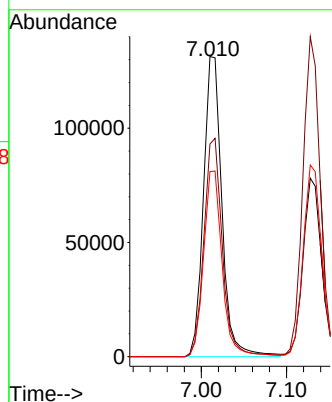
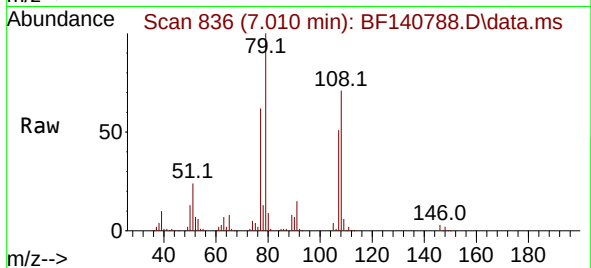




#15
Benzyl Alcohol
Concen: 47.065 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

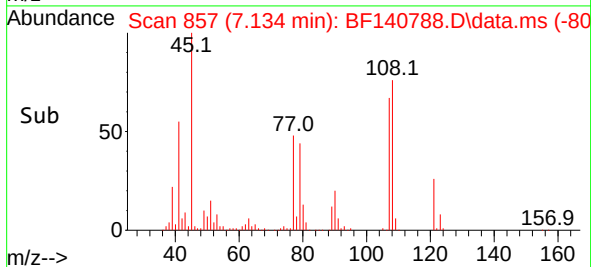
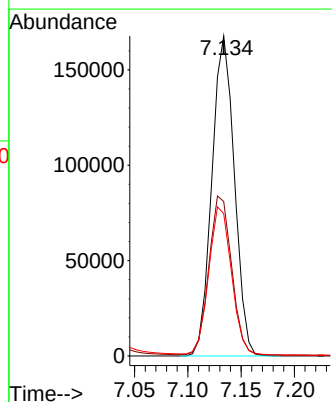
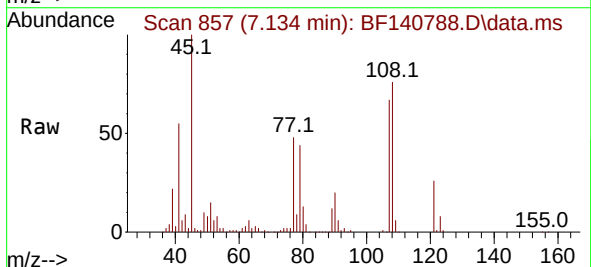
Instrument :
BNA_F
ClientSampleId :
PB165435BS

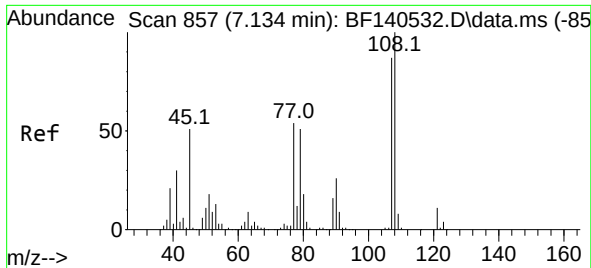
Tgt Ion: 79 Resp: 197779
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 61.7 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.970 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 45 Resp: 245725
Ion Ratio Lower Upper
45 100
77 48.3 10.7 50.7
79 44.4 7.0 47.0



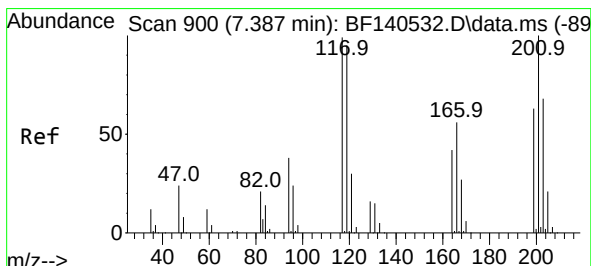
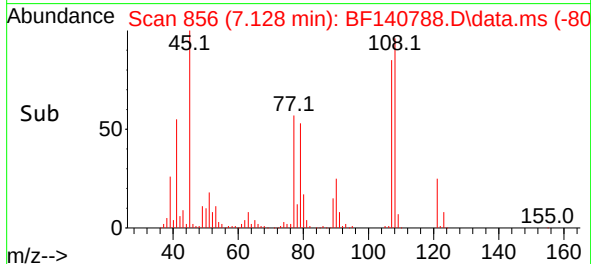
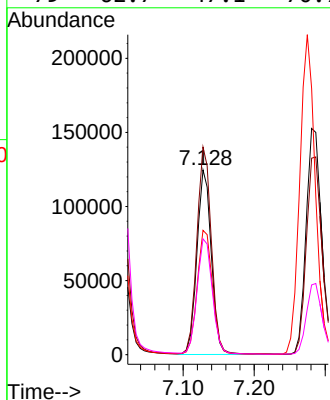
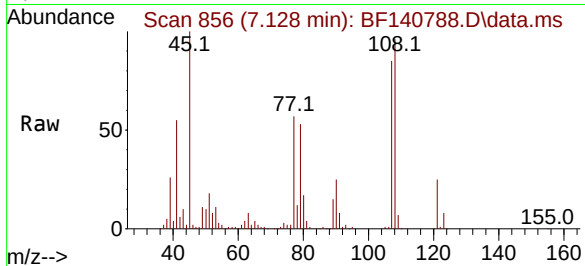


#17
2-Methylphenol
Concen: 47.703 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :
BNA_F
ClientSampleId :
PB165435BS

Tgt Ion:107 Resp: 176087

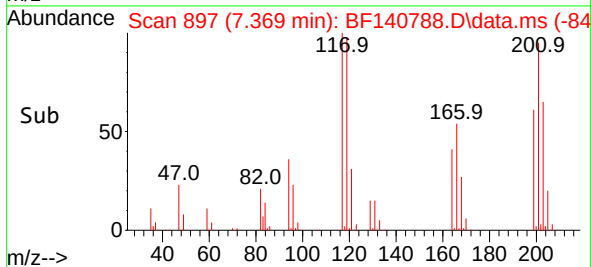
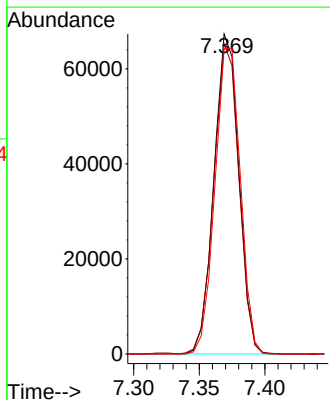
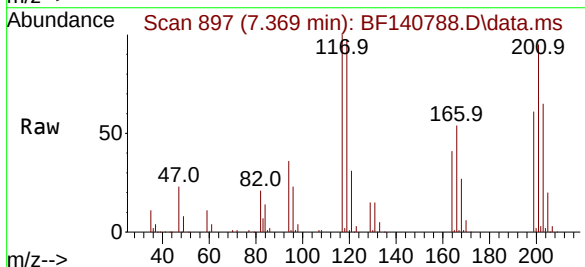
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	67.3	49.3	73.9
79	62.7	47.1	70.7

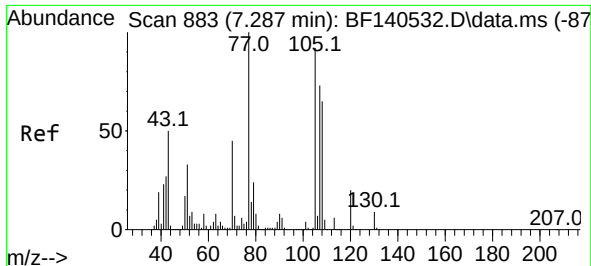


#18
Hexachloroethane
Concen: 45.248 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:117 Resp: 88663

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.1	115.7
201	95.4	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.038 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140788.D

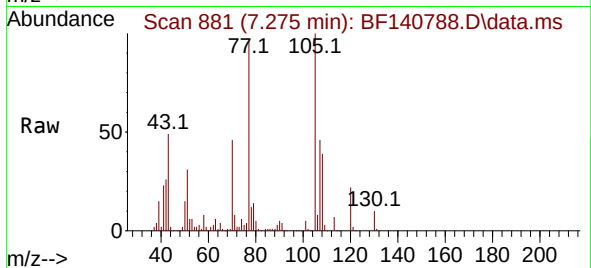
Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS



Tgt Ion: 70 Resp: 157526

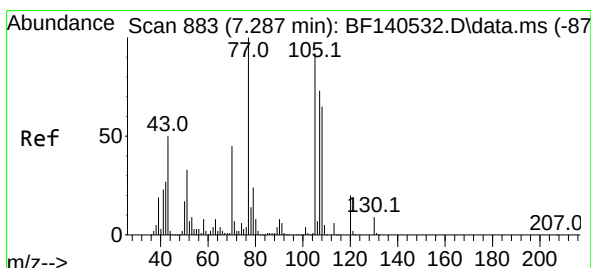
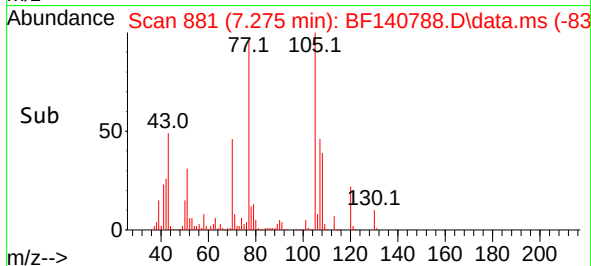
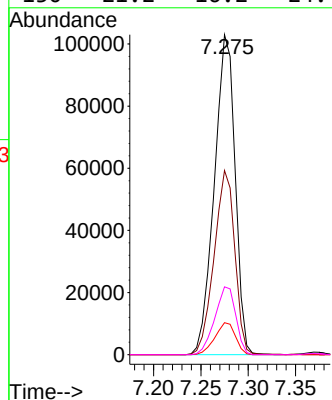
Ion Ratio Lower Upper

70 100

42 57.5 47.6 71.4

101 10.0 7.6 11.4

130 21.2 16.2 24.4



#20

3+4-Methylphenols

Concen: 49.487 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Tgt Ion: 107 Resp: 234798

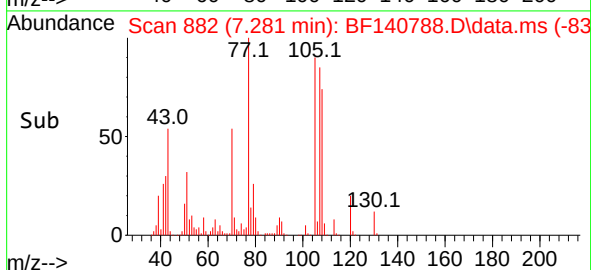
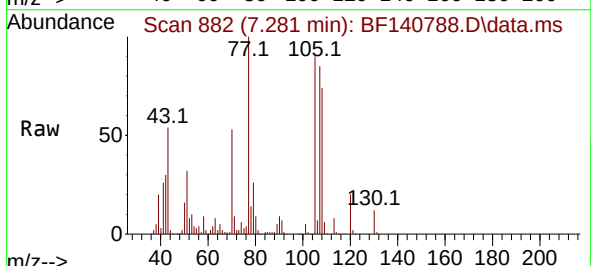
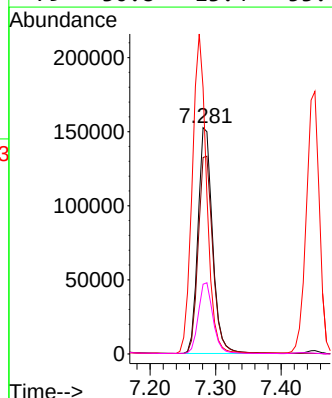
Ion Ratio Lower Upper

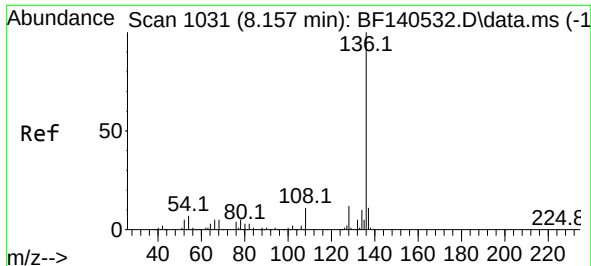
107 100

108 86.9 69.9 109.9

77 117.6 117.7 157.7#

79 30.8 13.4 53.4

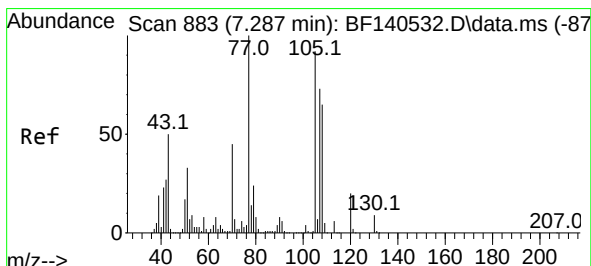
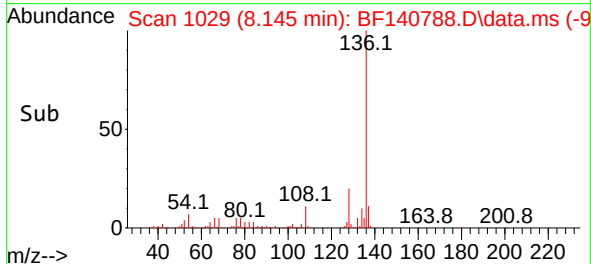
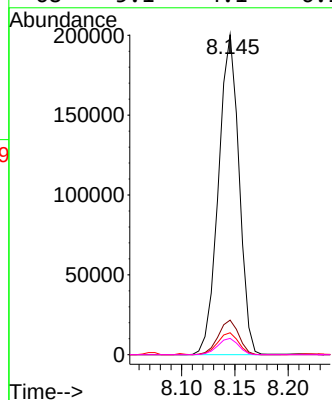
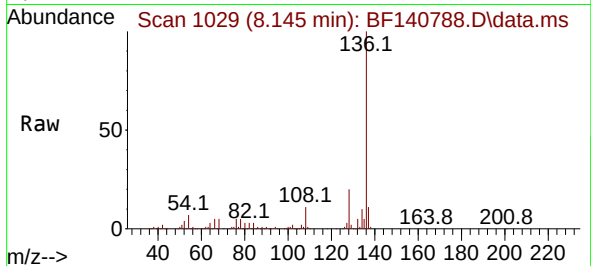




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

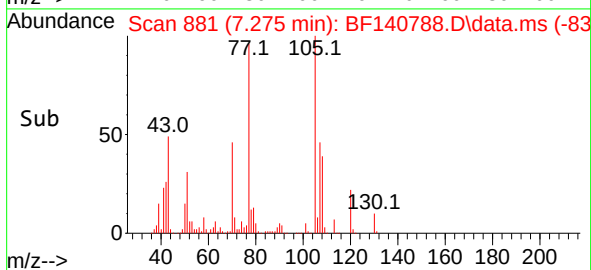
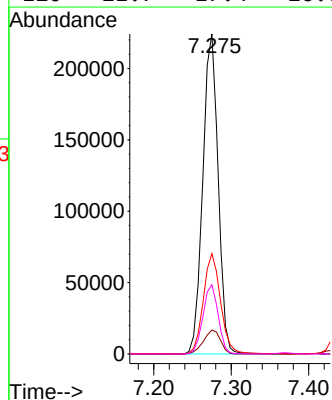
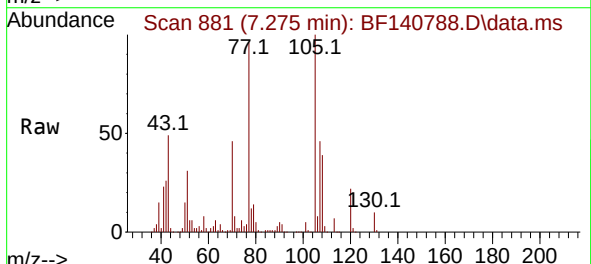
Instrument :
BNA_F
ClientSampleId :
PB165435BS

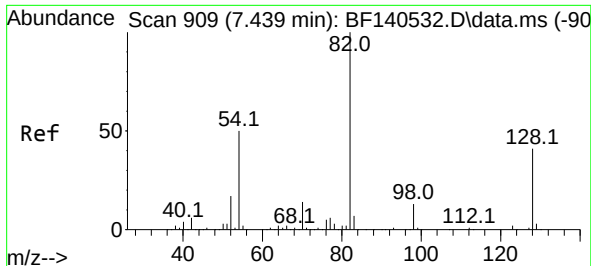
Tgt	Ion:136	Resp:	268344
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 47.104 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt	Ion:105	Resp:	308157
Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.2	9.2
51	31.3	29.0	43.6
120	21.7	17.4	26.0

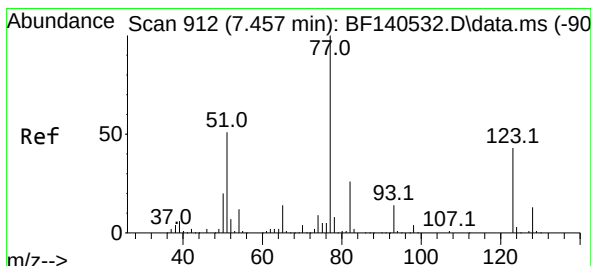
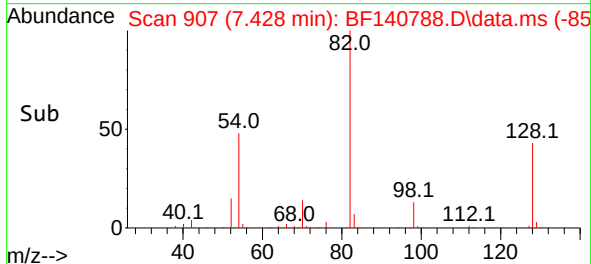
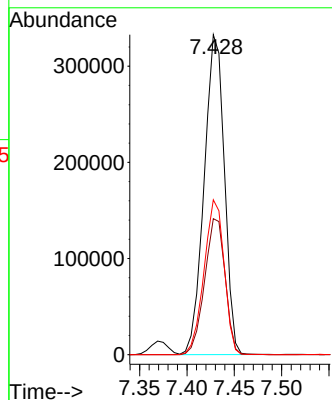
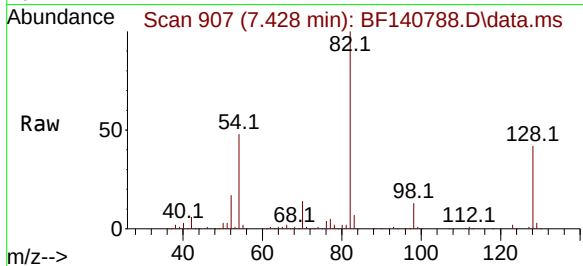




#23
 Nitrobenzene-d5
 Concen: 94.003 ng
 RT: 7.428 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

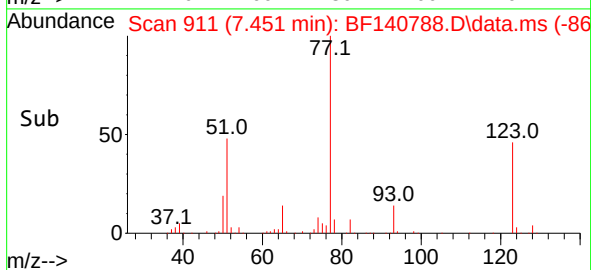
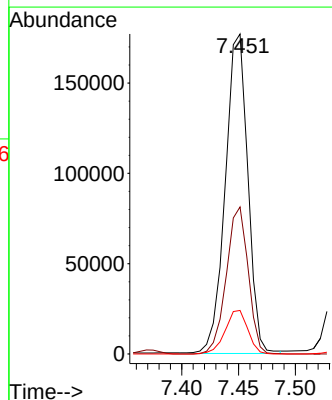
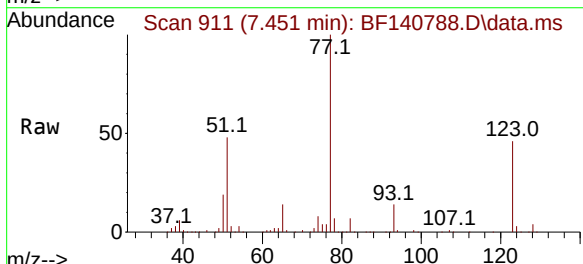
Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

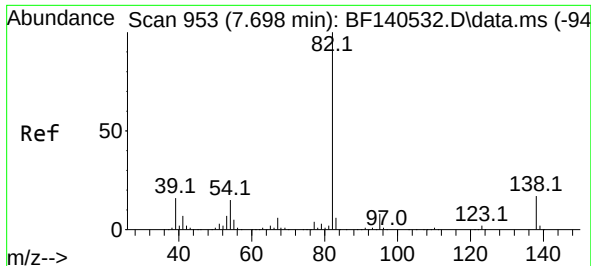
Tgt Ion: 82 Resp: 493160
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.0 49.4
 54 48.4 39.5 59.3



#24
 Nitrobenzene
 Concen: 45.125 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Tgt Ion: 77 Resp: 244670
 Ion Ratio Lower Upper
 77 100
 123 45.9 34.3 51.5
 65 13.6 11.2 16.8

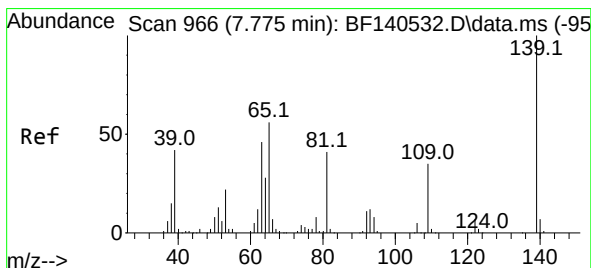
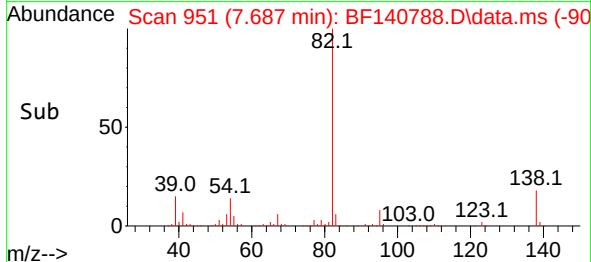
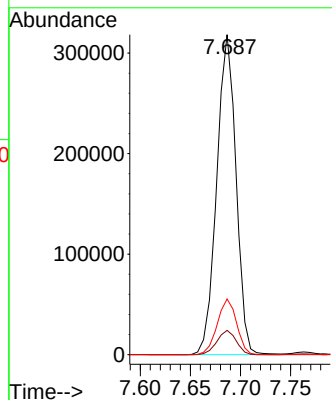
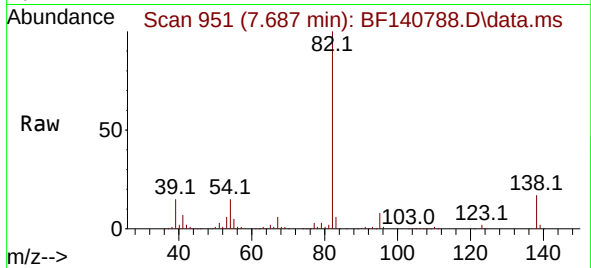




#25
Isophorone
Concen: 48.685 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

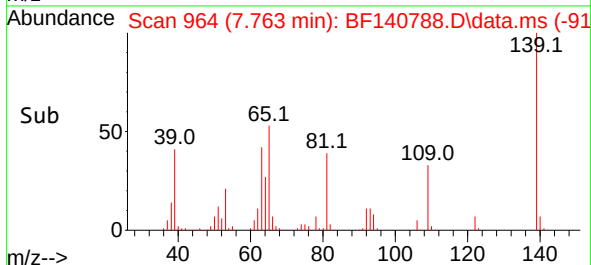
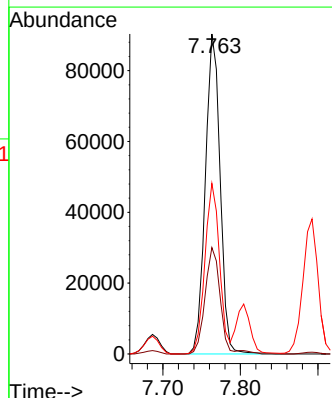
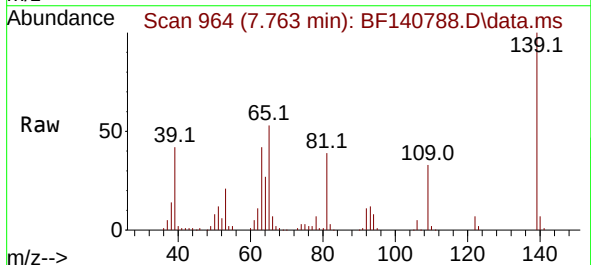
Instrument :
BNA_F
ClientSampleId :
PB165435BS

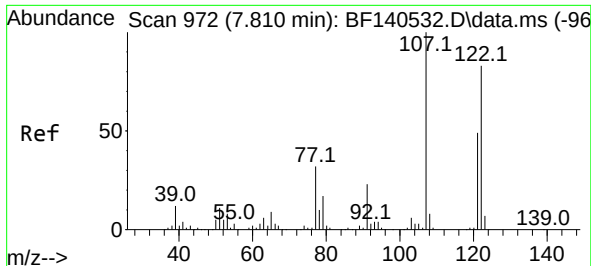
Tgt Ion: 82 Resp: 426005
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.4 13.8 20.6



#26
2-Nitrophenol
Concen: 49.881 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:139 Resp: 119856
Ion Ratio Lower Upper
139 100
109 33.3 28.0 42.0
65 53.3 44.6 67.0

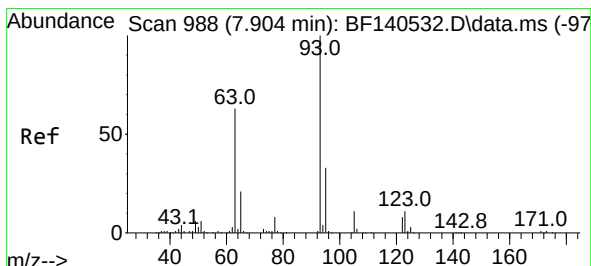
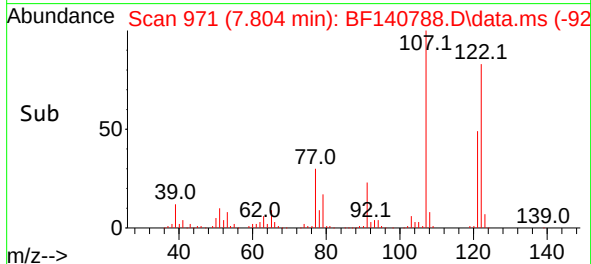
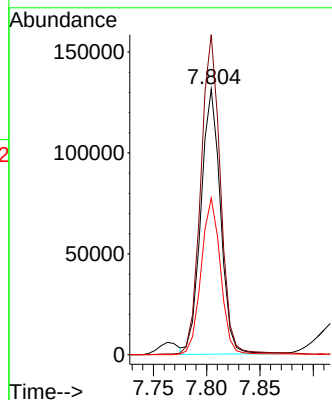
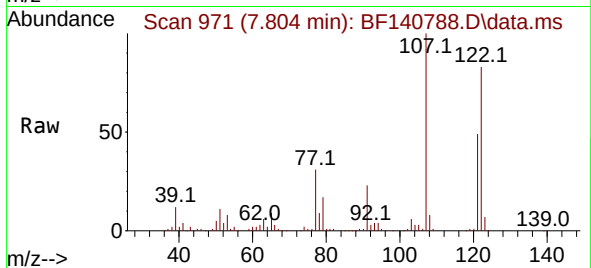




#27
2,4-Dimethylphenol
Concen: 58.356 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

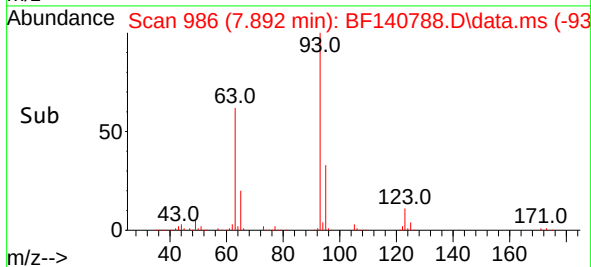
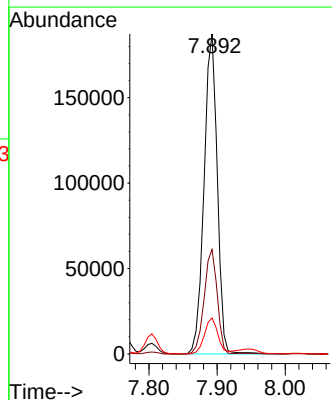
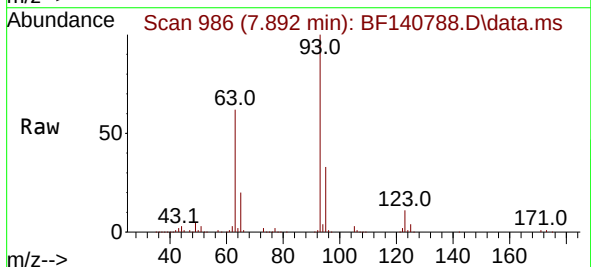
Instrument :
BNA_F
ClientSampleId :
PB165435BS

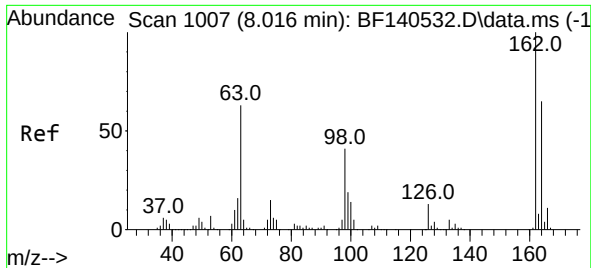
Tgt Ion:122 Resp: 167771
Ion Ratio Lower Upper
122 100
107 120.5 96.8 145.2
121 58.9 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.377 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 93 Resp: 252551
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.440 ng

RT: 8.016 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

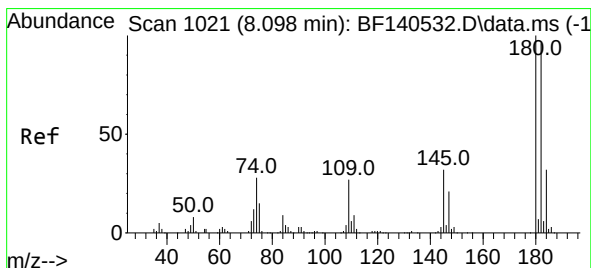
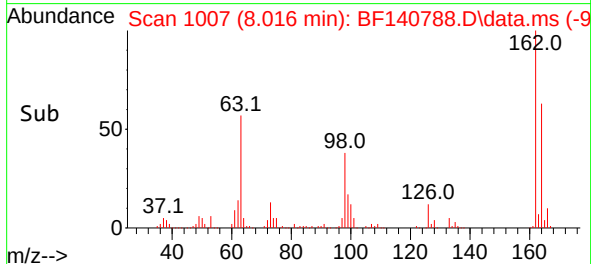
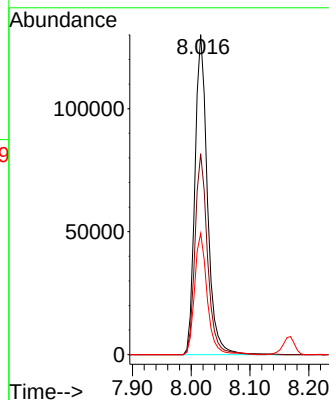
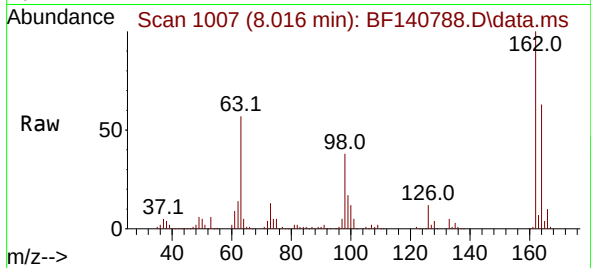
Tgt Ion:162 Resp: 192153

Ion Ratio Lower Upper

162 100

164 62.8 44.8 84.8

98 37.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 46.024 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

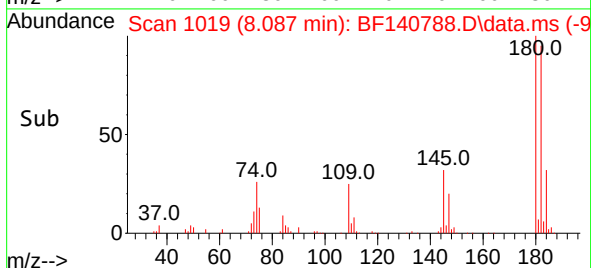
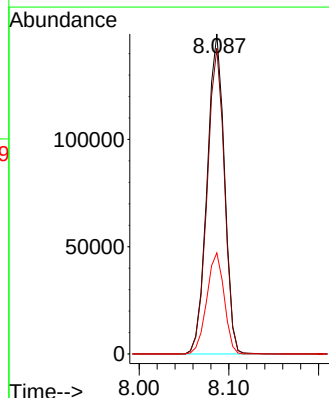
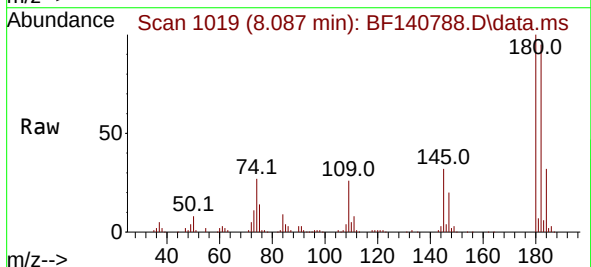
Tgt Ion:180 Resp: 200187

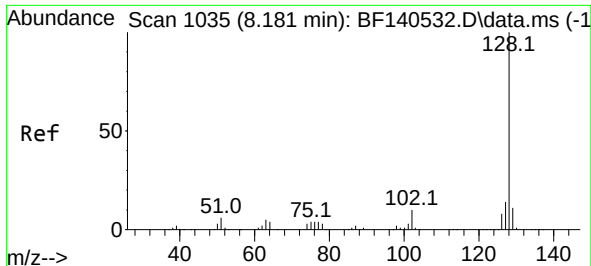
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 31.6 25.9 38.9

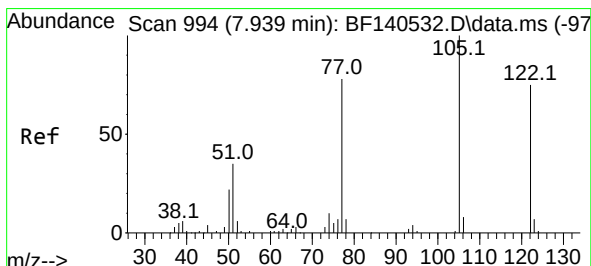
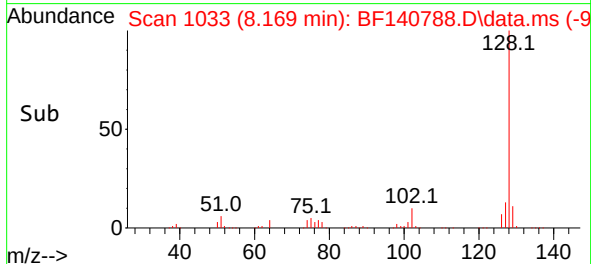
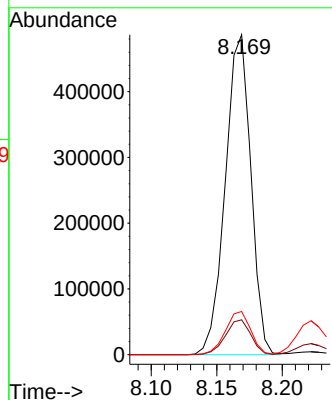
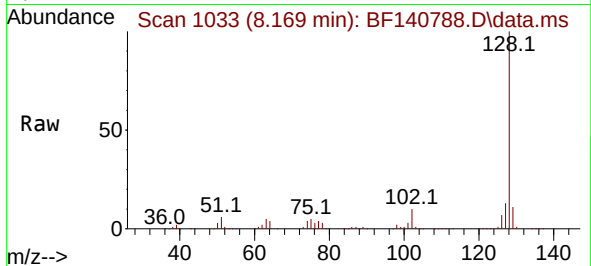




#31
Naphthalene
Concen: 47.717 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

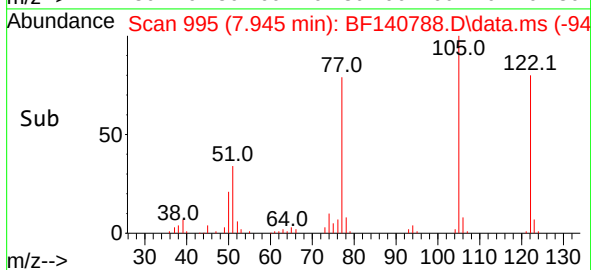
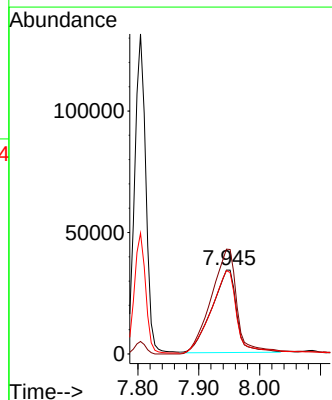
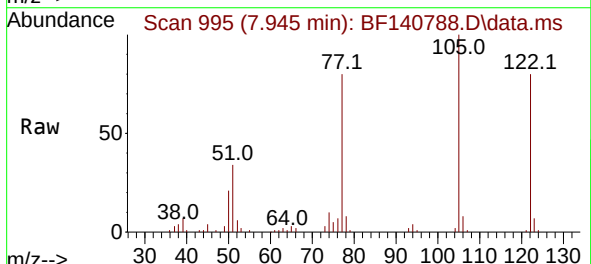
Instrument :
BNA_F
ClientSampleId :
PB165435BS

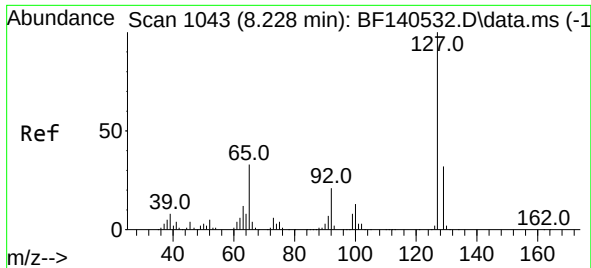
Tgt Ion:128 Resp: 659550
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 40.190 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:122 Resp: 97104
Ion Ratio Lower Upper
122 100
105 125.0 109.3 149.3
77 99.5 82.3 122.3

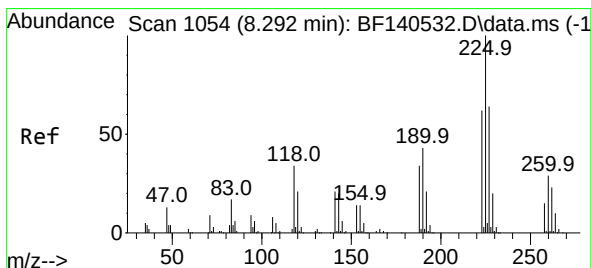
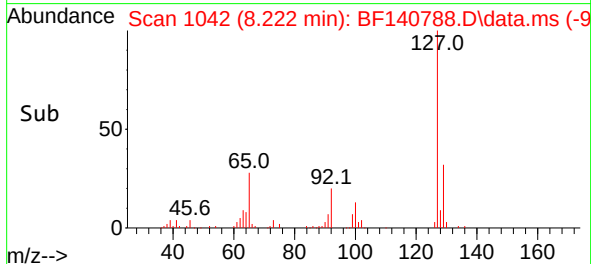
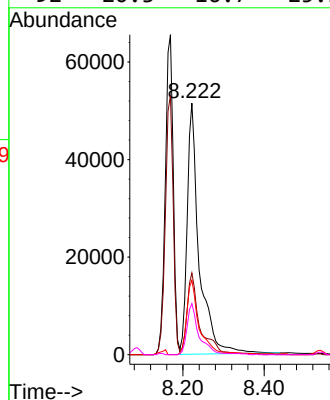
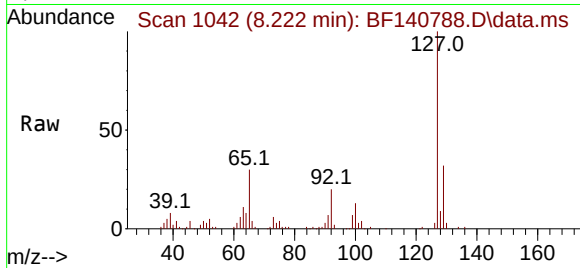




#33
4-Chloroaniline
Concen: 25.533 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

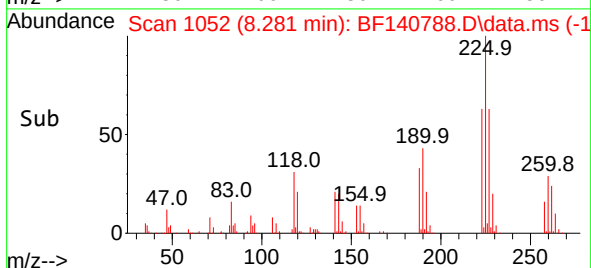
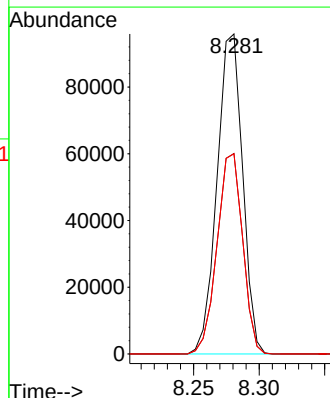
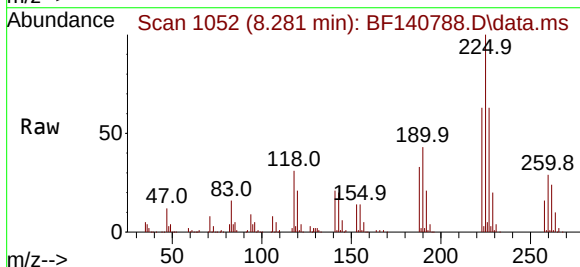
Instrument :
BNA_F
ClientSampleId :
PB165435BS

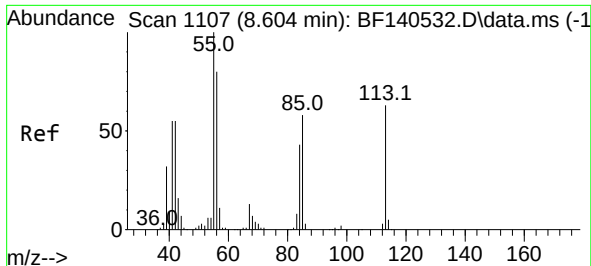
Tgt Ion:127	Resp: 105664
Ion Ratio	Lower Upper
127 100	
129 32.5	26.0 39.0
65 29.6	26.0 39.0
92 20.3	16.7 25.1



#34
Hexachlorobutadiene
Concen: 45.092 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:225	Resp: 129909
Ion Ratio	Lower Upper
225 100	
223 62.6	49.8 74.8
227 62.5	51.3 76.9

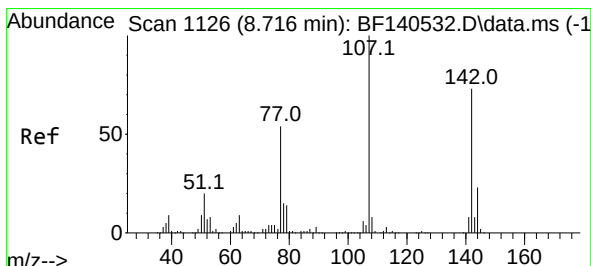
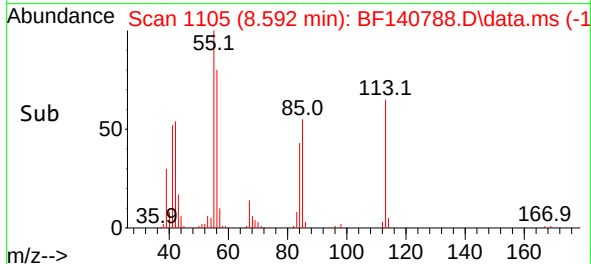
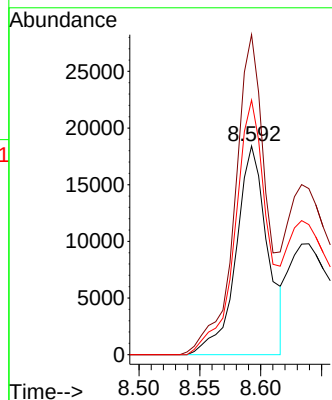
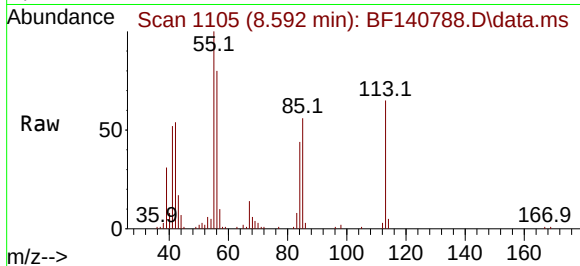




#35
Caprolactam
Concen: 28.125 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

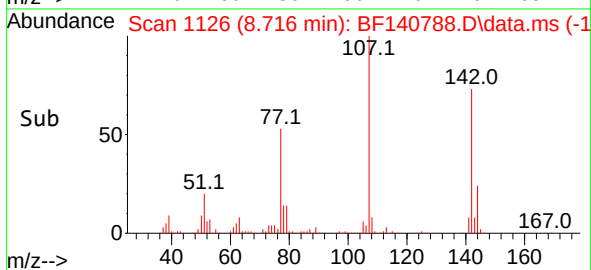
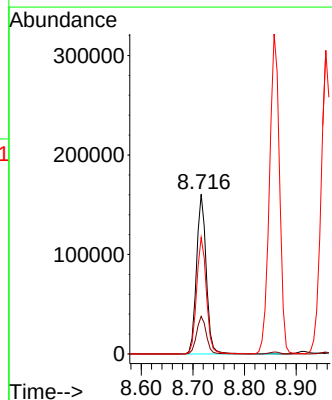
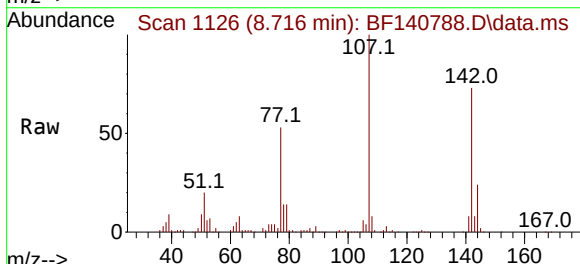
Instrument :
BNA_F
ClientSampleId :
PB165435BS

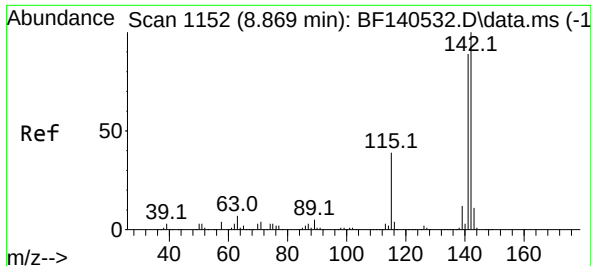
Tgt Ion:113 Resp: 33157
Ion Ratio Lower Upper
113 100
55 153.4 137.7 177.7
56 122.0 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 49.149 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:107 Resp: 209630
Ion Ratio Lower Upper
107 100
144 23.6 18.7 28.1
142 72.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 49.452 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

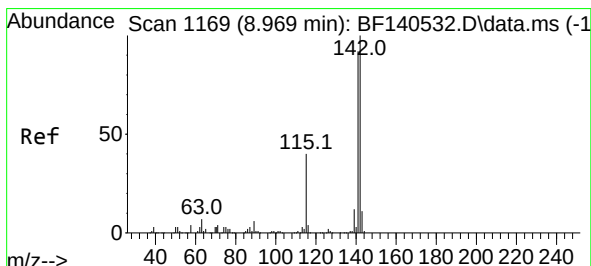
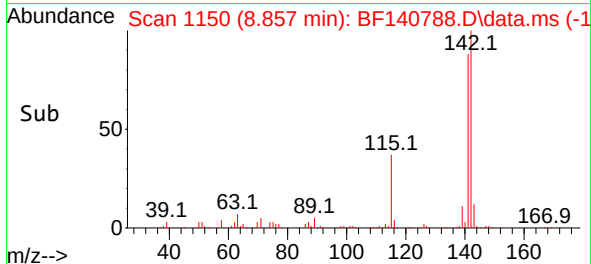
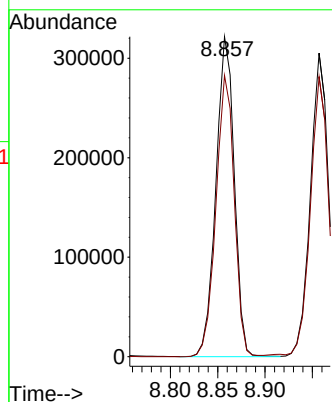
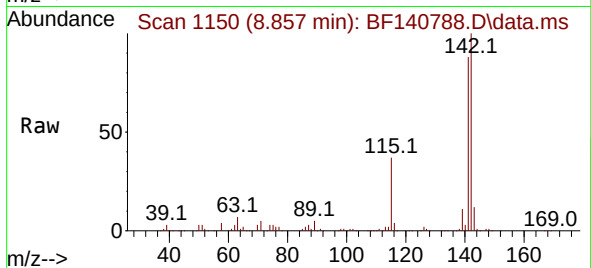
PB165435BS

Tgt Ion:142 Resp: 434148

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 46.610 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140788.D

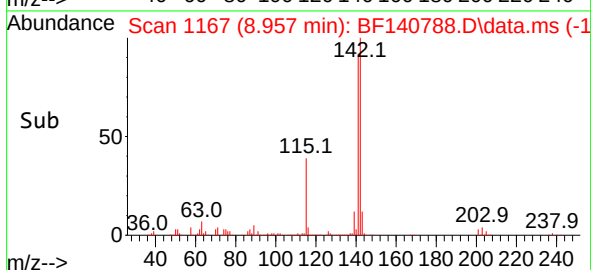
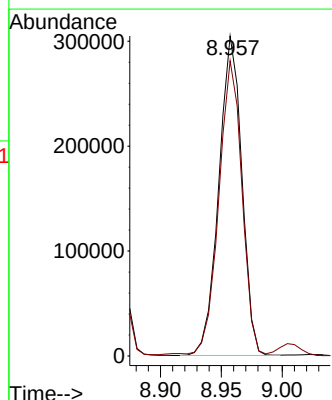
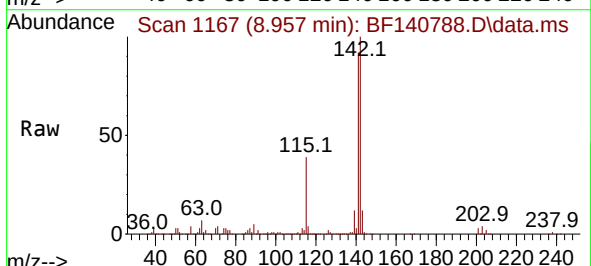
Acq: 09 Dec 2024 14:31

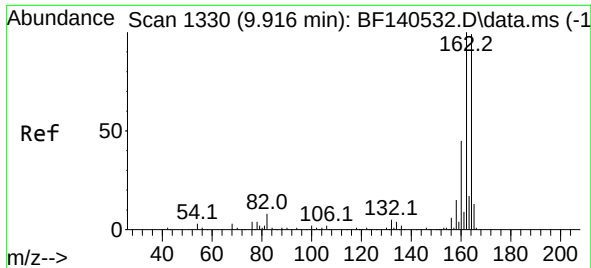
Tgt Ion:142 Resp: 401097

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

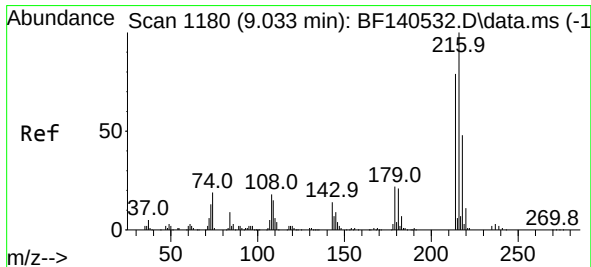
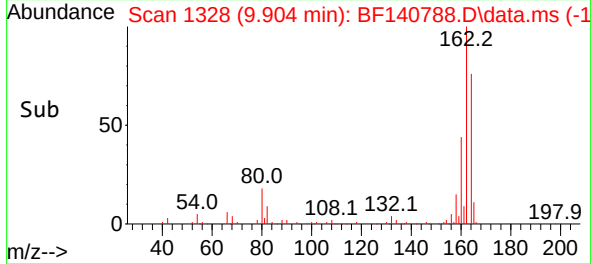
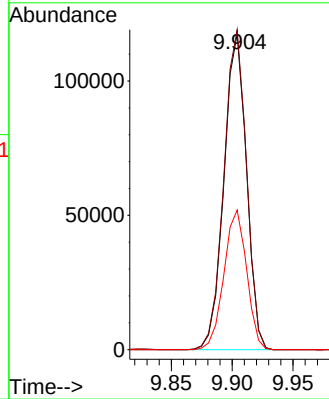
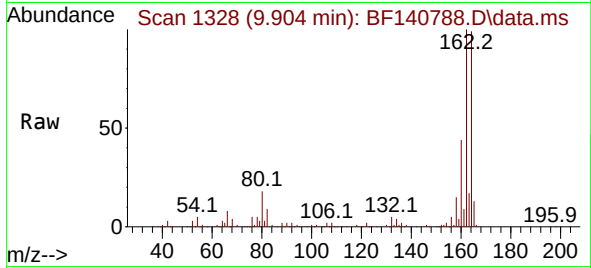
Tgt Ion:164 Resp: 151024

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 44.2 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.323 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Tgt Ion:216 Resp: 213649

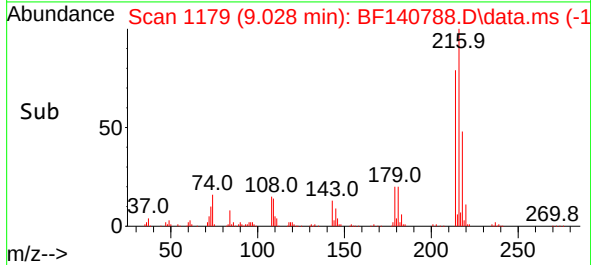
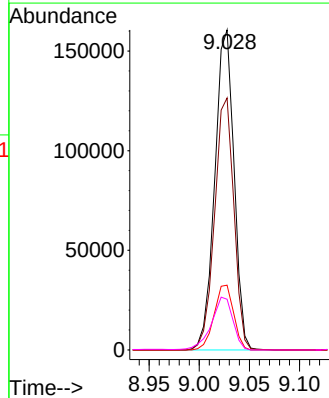
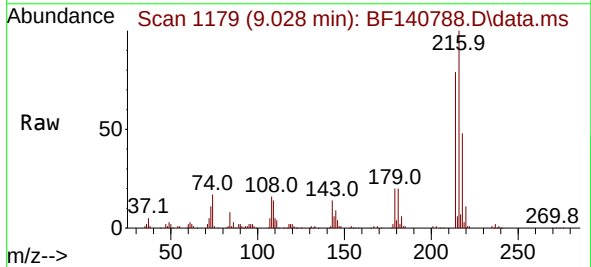
Ion Ratio Lower Upper

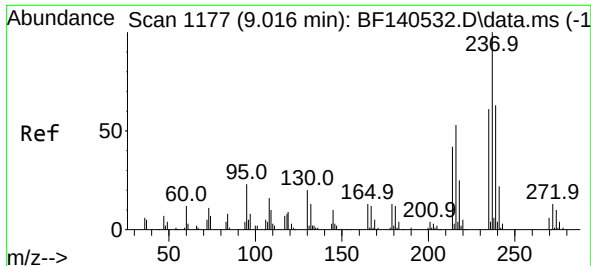
216 100

214 78.9 63.0 94.4

179 20.5 17.5 26.3

108 18.5 14.7 22.1

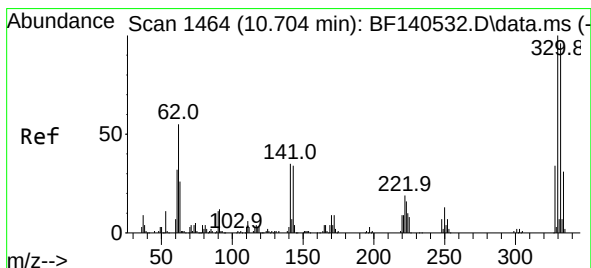
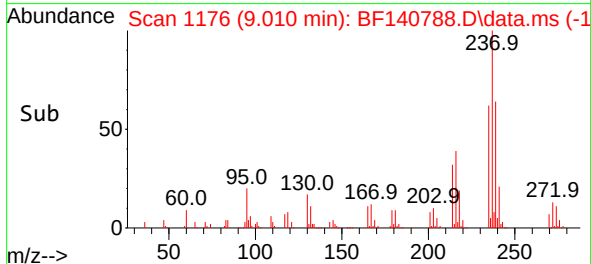
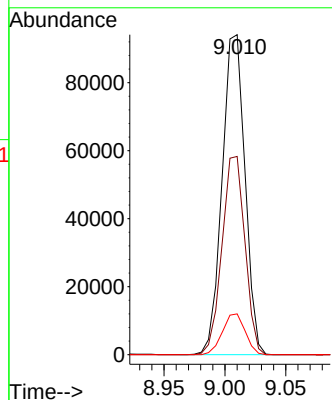
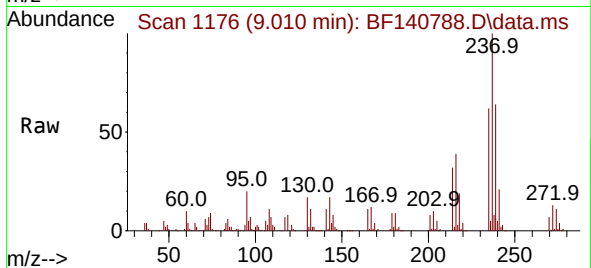




#41
Hexachlorocyclopentadiene
Concen: 119.792 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

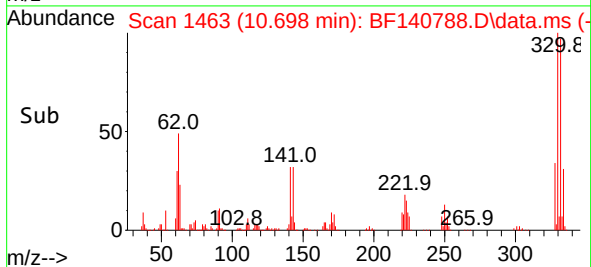
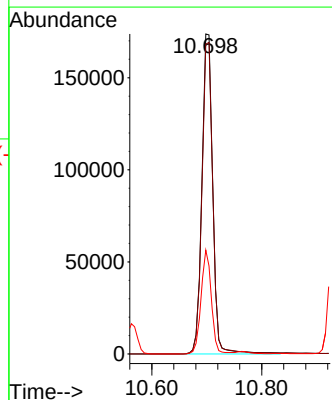
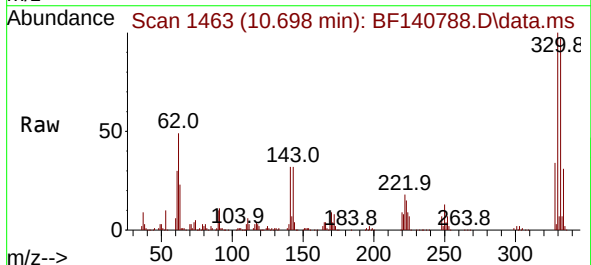
Instrument :
BNA_F
ClientSampleId :
PB165435BS

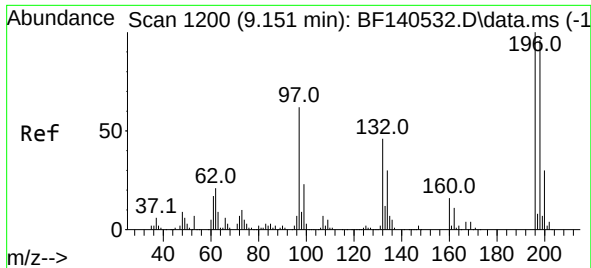
Tgt Ion:237 Resp: 123015
Ion Ratio Lower Upper
237 100
235 61.9 41.1 81.1
272 12.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 148.039 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:330 Resp: 239114
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 30.9 26.7 40.1

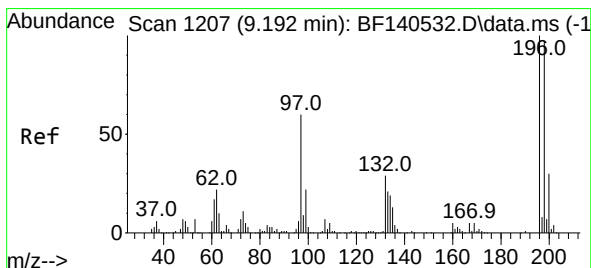
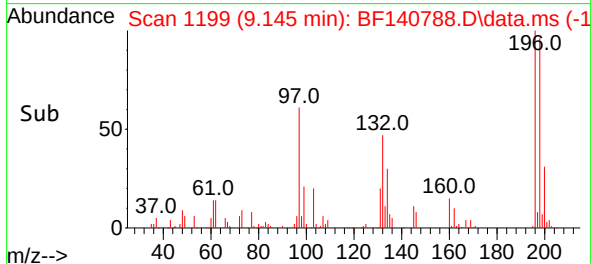
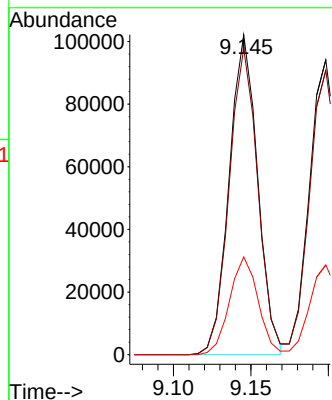
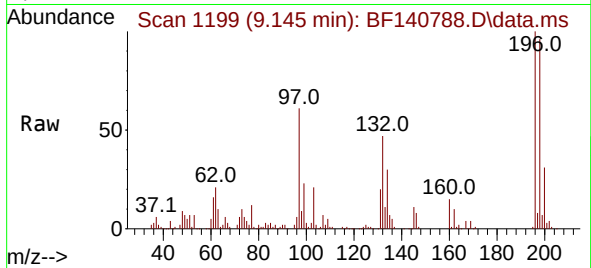




#43
2,4,6-Trichlorophenol
Concen: 47.005 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

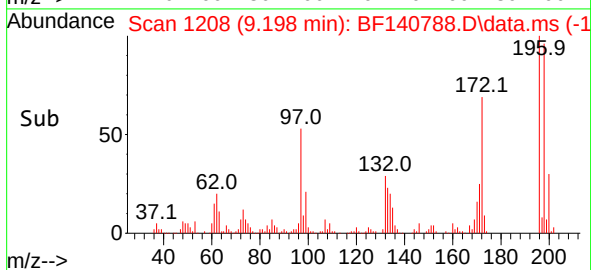
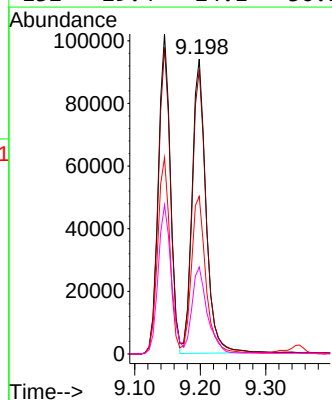
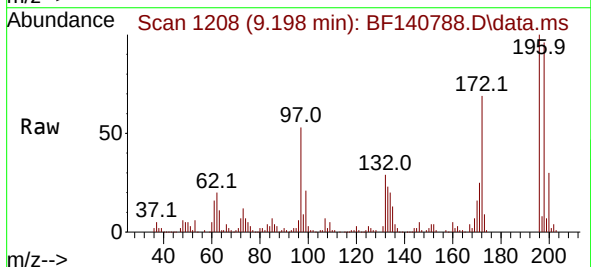
Instrument :
BNA_F
ClientSampleId :
PB165435BS

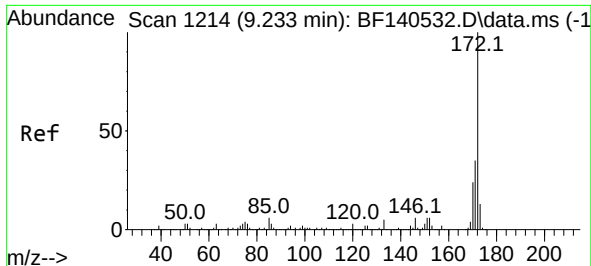
Tgt Ion:196 Resp: 130404
Ion Ratio Lower Upper
196 100
198 95.8 76.8 115.2
200 30.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 46.081 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:196 Resp: 138745
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
97 53.4 47.1 70.7
132 29.4 24.1 36.1

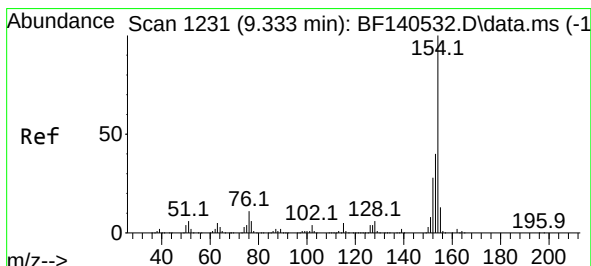
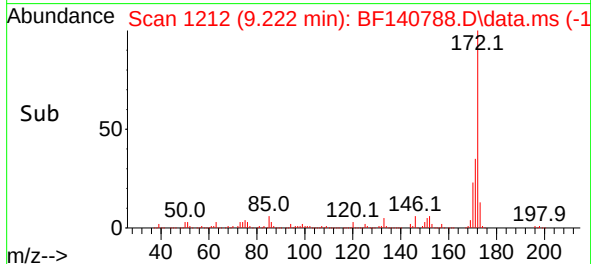
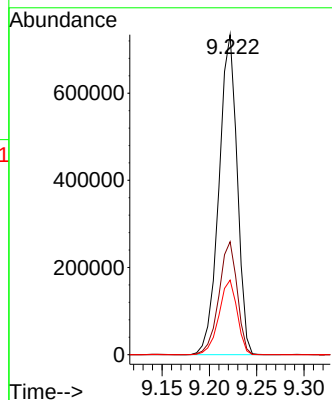
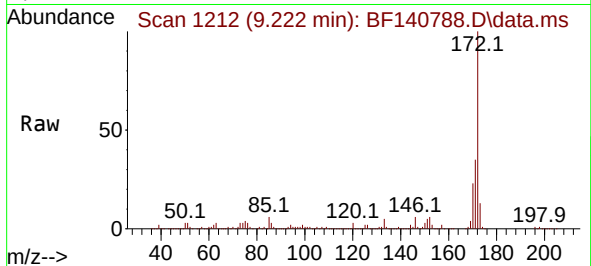




#45
2-Fluorobiphenyl
Concen: 97.187 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

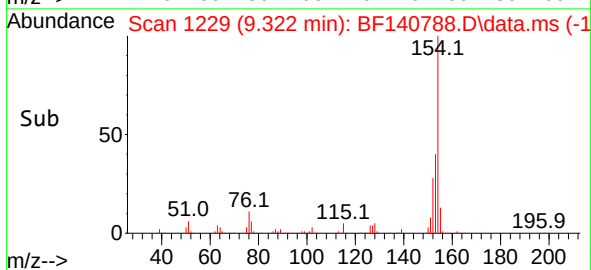
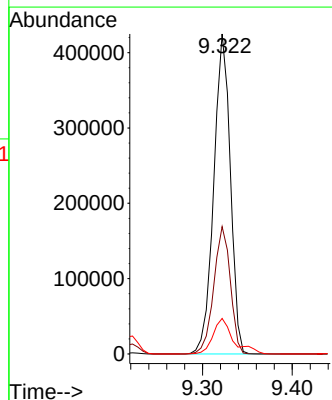
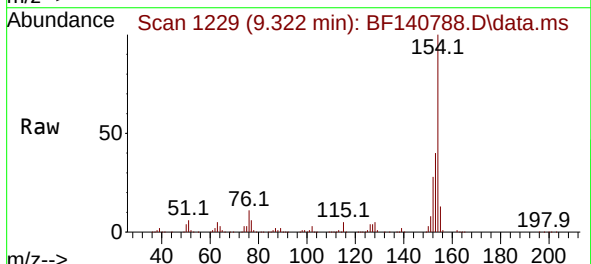
Instrument :
BNA_F
ClientSampleId :
PB165435BS

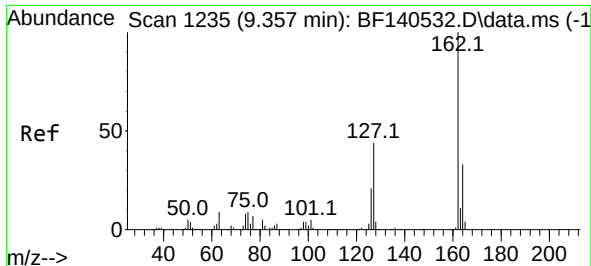
Tgt Ion:172 Resp: 985105
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.300 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

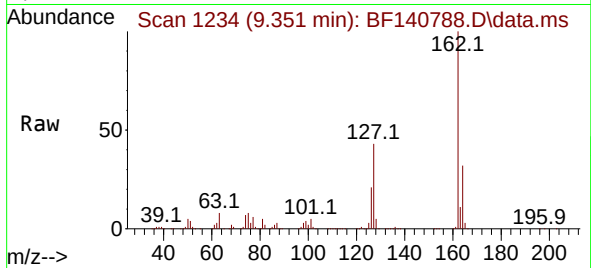
Tgt Ion:154 Resp: 544616
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 11.1 0.0 31.2



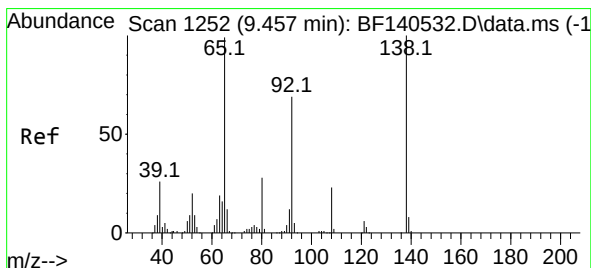
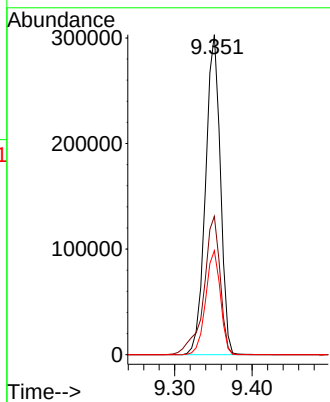
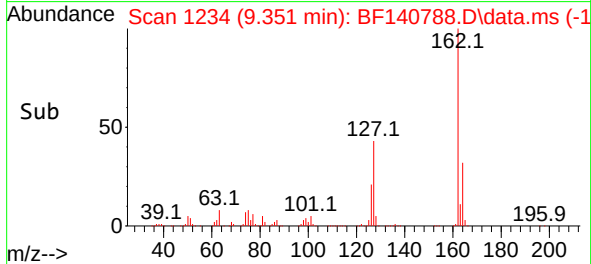


#47
2-Chloronaphthalene
Concen: 47.152 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :
BNA_F
ClientSampleId :
PB165435BS

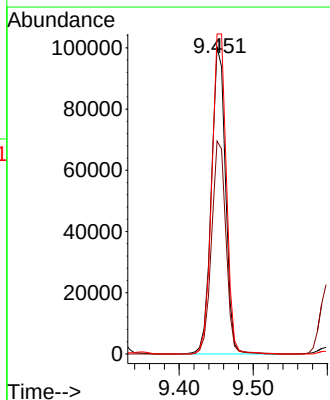
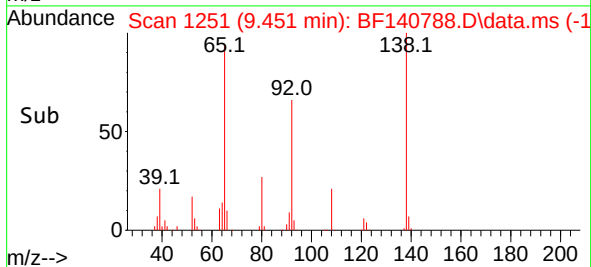
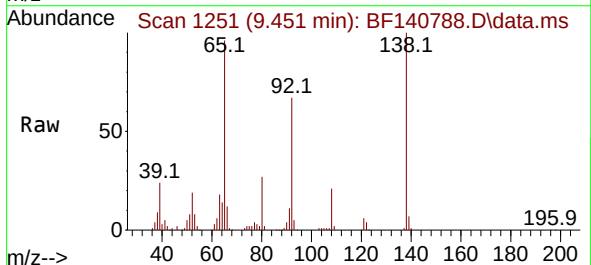


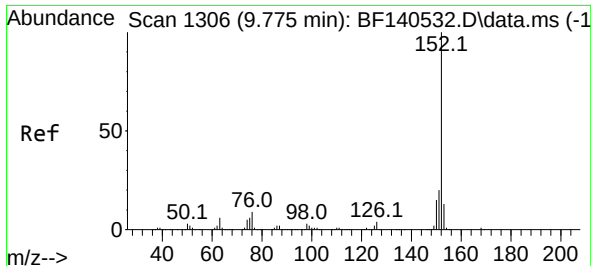
Tgt Ion:162 Resp: 402856
Ion Ratio Lower Upper
162 100
127 43.2 35.7 53.5
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 48.664 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion: 65 Resp: 133454
Ion Ratio Lower Upper
65 100
92 69.4 56.1 84.1
138 104.3 81.0 121.6





#49

Acenaphthylene

Concen: 51.755 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

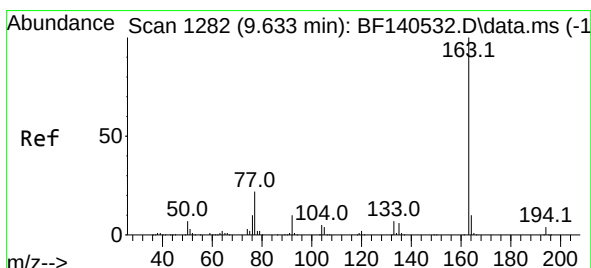
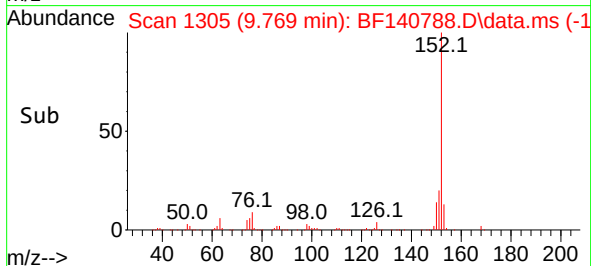
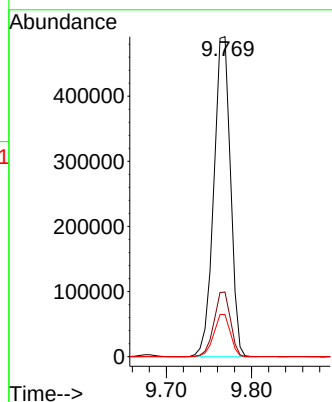
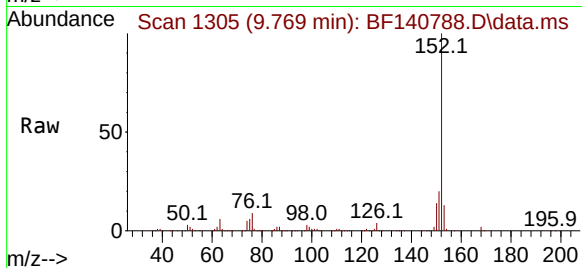
Tgt Ion:152 Resp: 668102

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 48.522 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

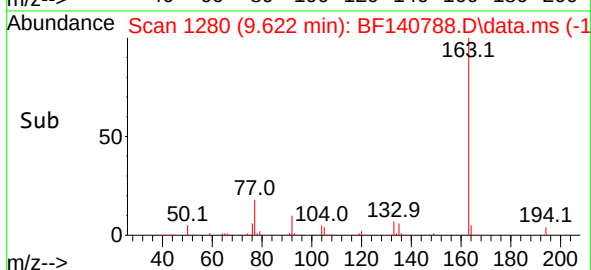
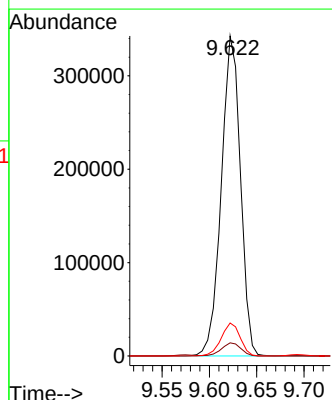
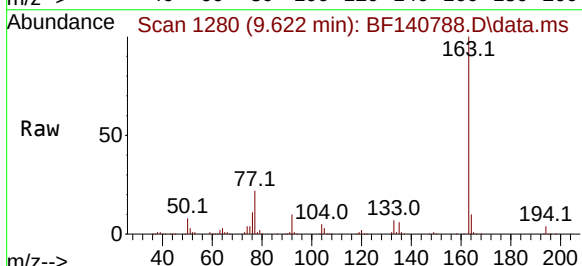
Tgt Ion:163 Resp: 482619

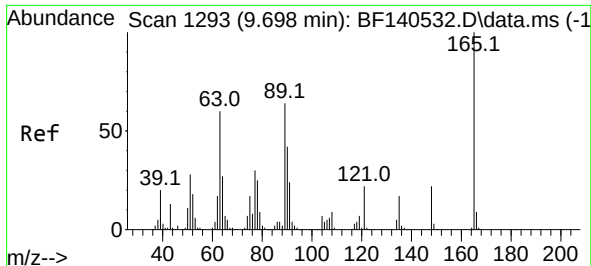
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.3 8.2 12.2

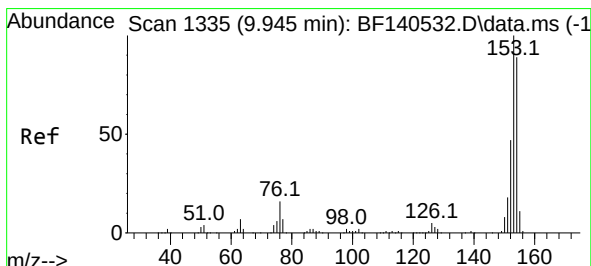
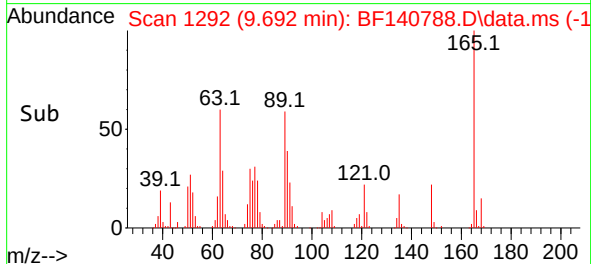
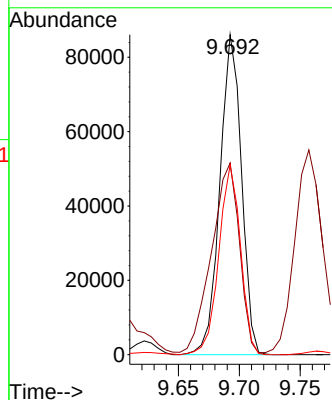
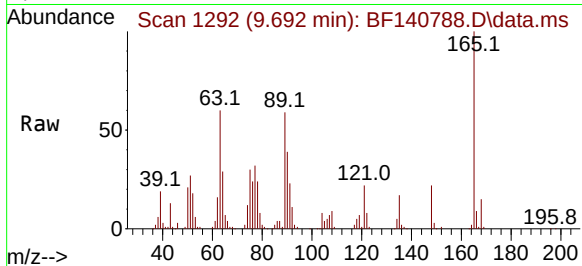




#51
2,6-Dinitrotoluene
Concen: 47.097 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

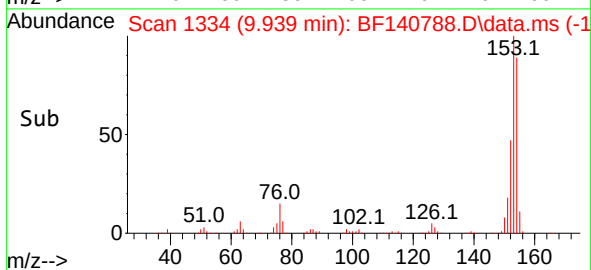
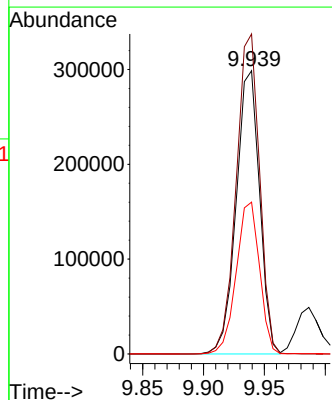
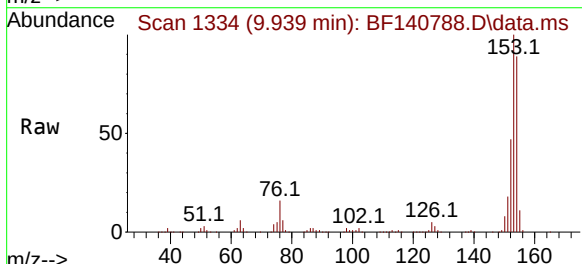
Instrument :
BNA_F
ClientSampleId :
PB165435BS

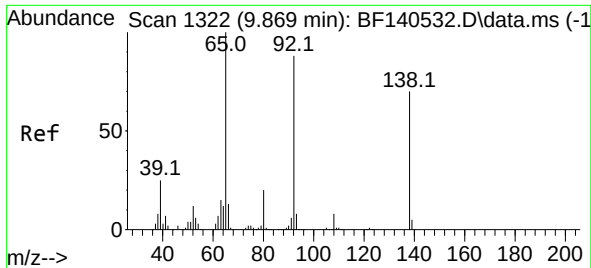
Tgt Ion:165 Resp: 106240
Ion Ratio Lower Upper
165 100
63 59.9 49.9 74.9
89 59.3 50.9 76.3



#52
Acenaphthene
Concen: 48.670 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:154 Resp: 399206
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.6 42.5 63.7

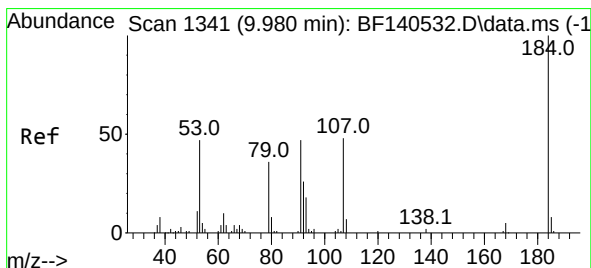
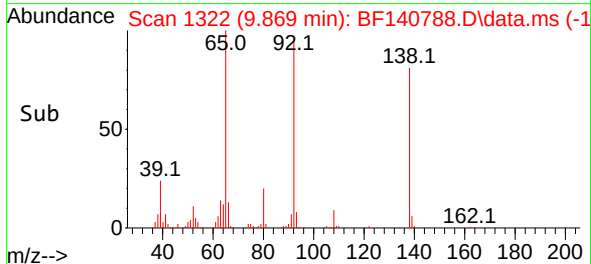
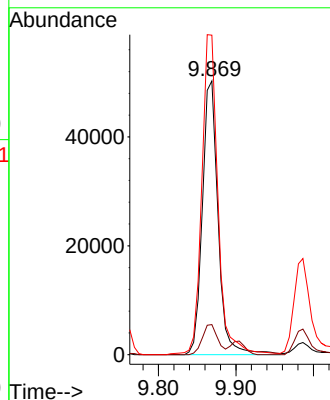
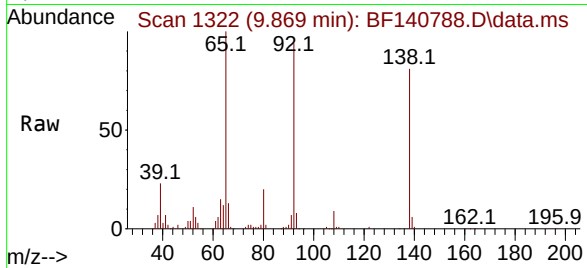




#53
3-Nitroaniline
Concen: 32.206 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

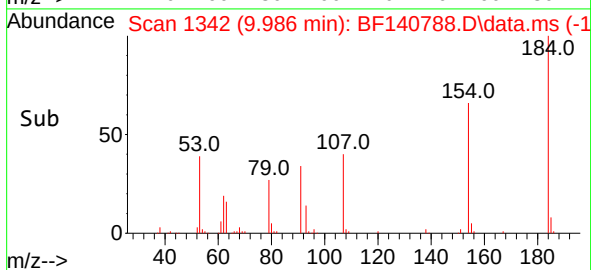
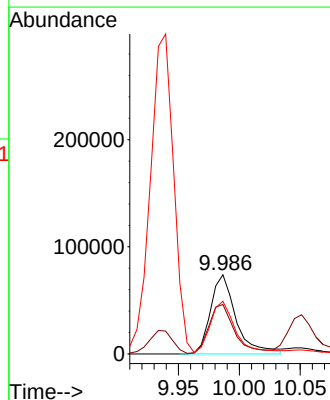
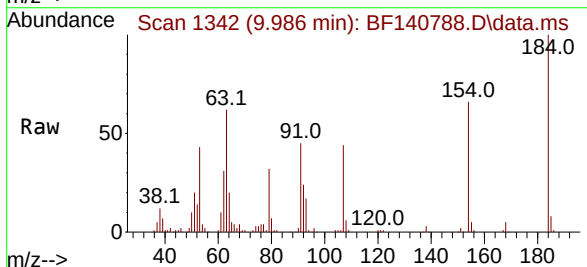
Instrument :
BNA_F
ClientSampleId :
PB165435BS

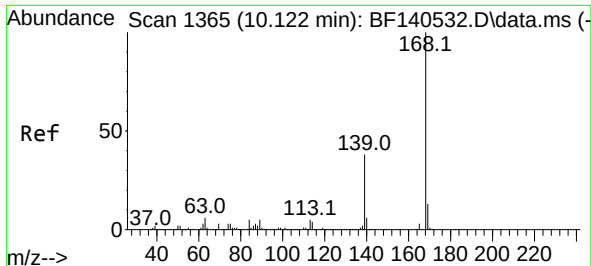
Tgt Ion:138 Resp: 71055
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 116.7 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 91.056 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:184 Resp: 107779
Ion Ratio Lower Upper
184 100
63 62.5 54.1 81.1
154 66.4 57.4 86.0

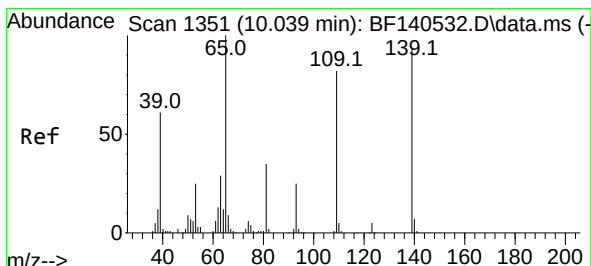
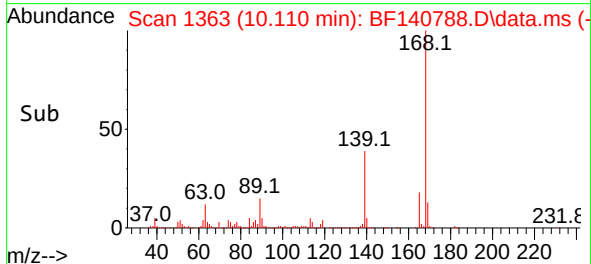
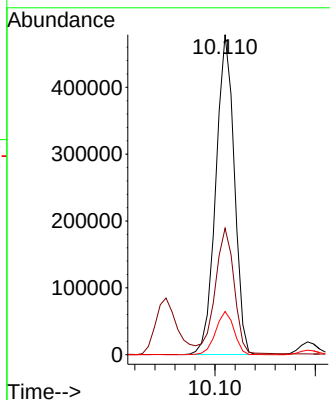
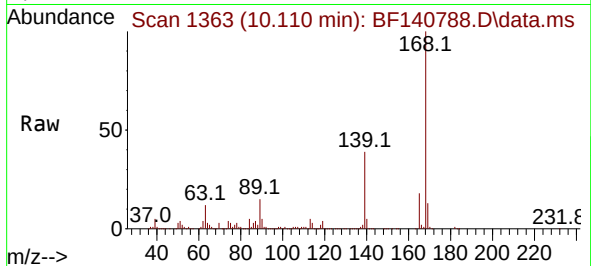




#55
Dibenzenofuran
Concen: 48.690 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

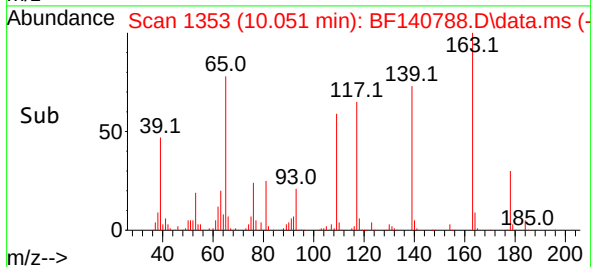
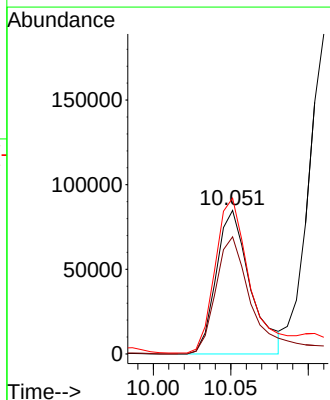
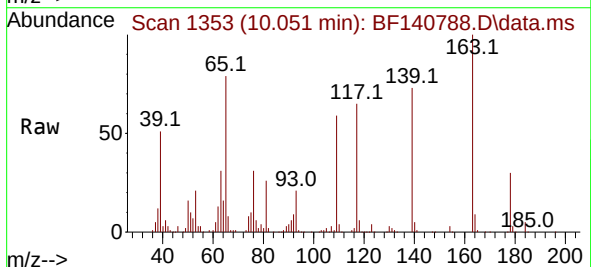
Instrument :
BNA_F
ClientSampleId :
PB165435BS

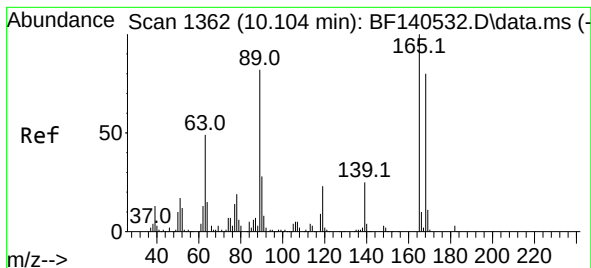
Tgt Ion:168 Resp: 609172
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 86.100 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:139 Resp: 129552
Ion Ratio Lower Upper
139 100
109 81.6 68.4 108.4
65 108.6 88.6 128.6

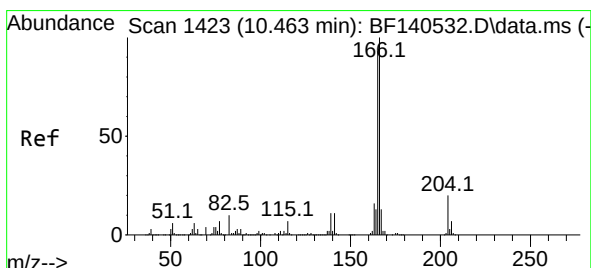
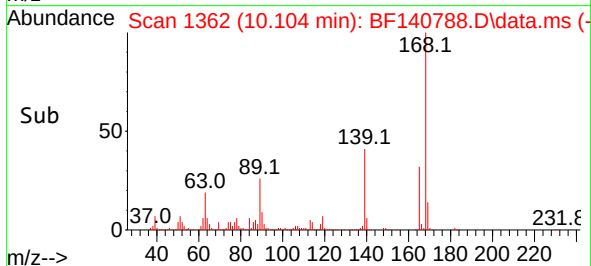
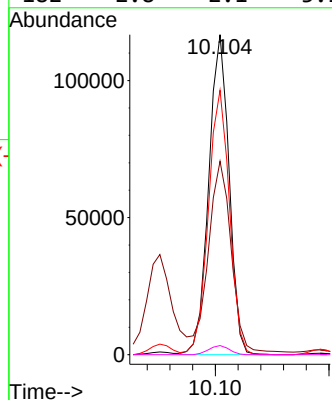
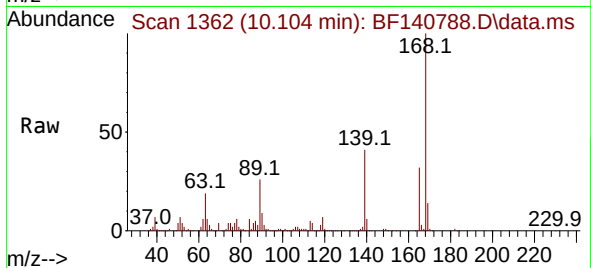




#57
2,4-Dinitrotoluene
Concen: 48.389 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

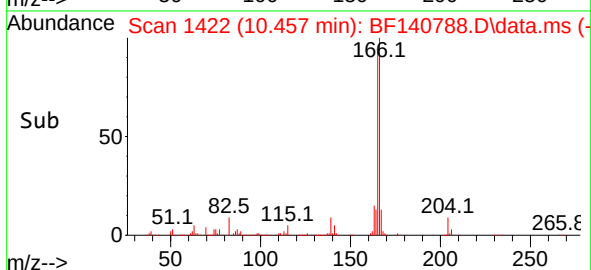
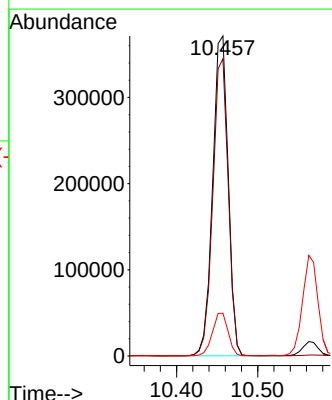
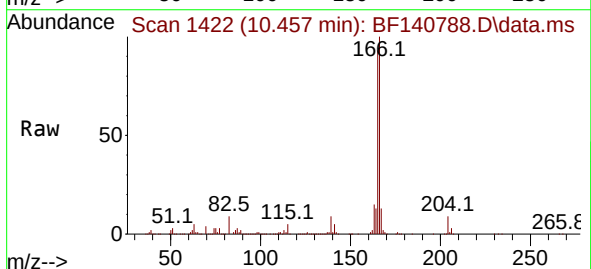
Instrument :
BNA_F
ClientSampleId :
PB165435BS

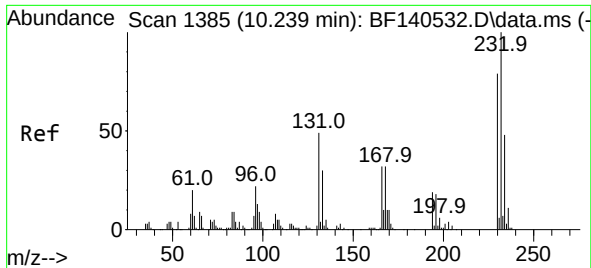
Tgt Ion:165 Resp: 145072
Ion Ratio Lower Upper
165 100
63 60.5 41.7 62.5
89 82.7 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 48.980 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

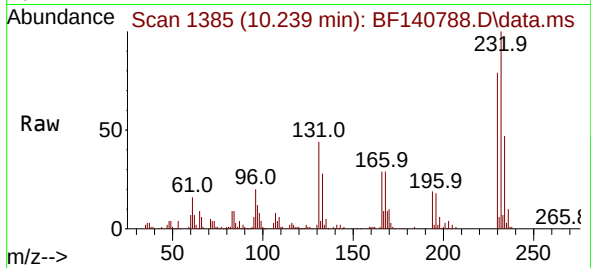
Tgt Ion:166 Resp: 491872
Ion Ratio Lower Upper
166 100
165 92.9 74.6 111.8
167 13.3 10.6 16.0



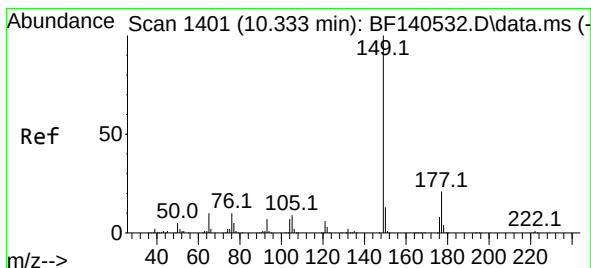
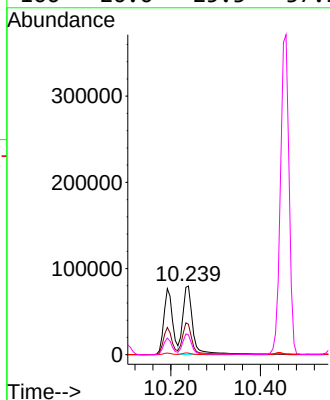
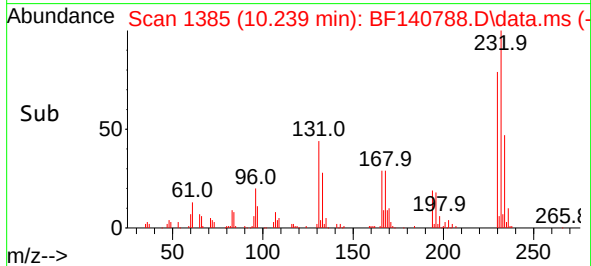


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.946 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

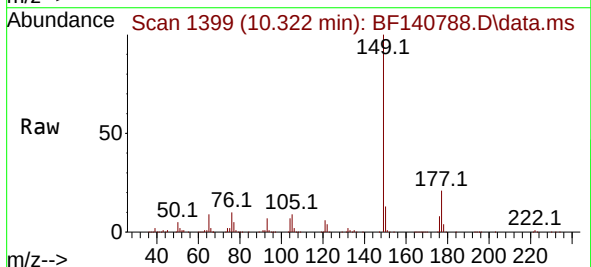
Instrument :
BNA_F
ClientSampleId :
PB165435BS



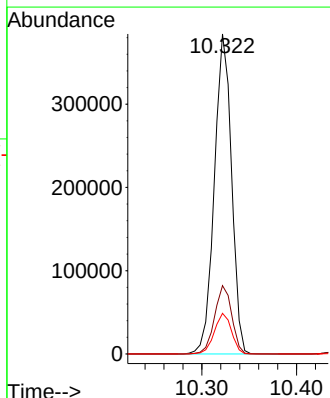
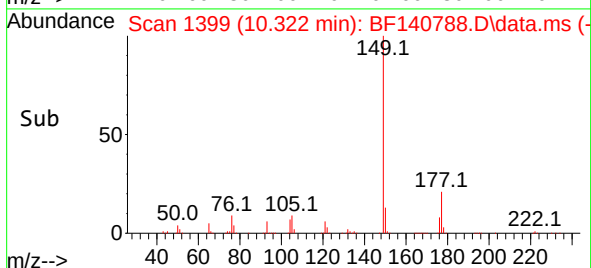
Tgt Ion:232 Resp: 122516
Ion Ratio Lower Upper
232 100
131 42.6 39.6 59.4
130 2.5 1.9 2.9
166 26.6 25.3 37.9

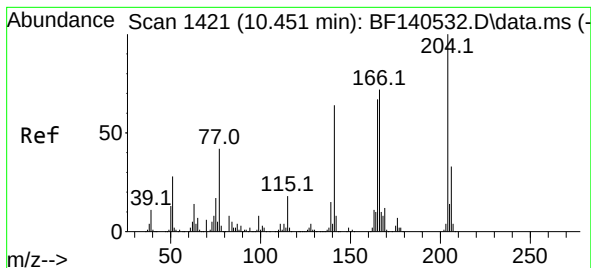


#60
Diethylphthalate
Concen: 47.928 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31



Tgt Ion:149 Resp: 484343
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.7 10.1 15.1

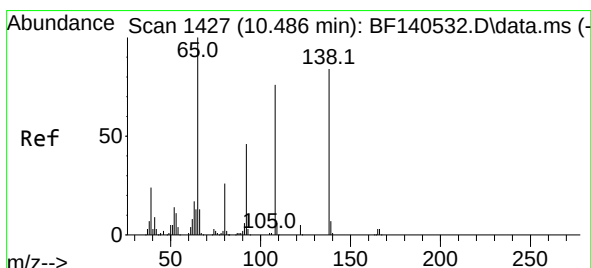
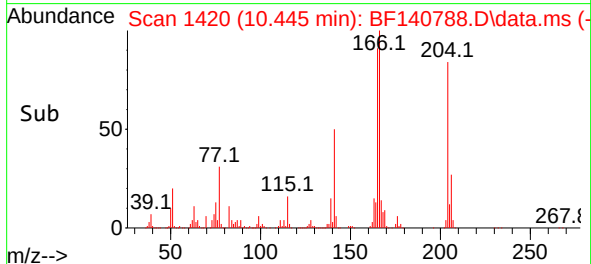
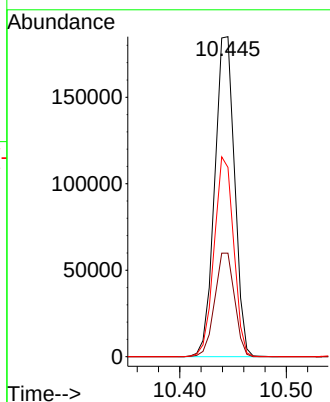
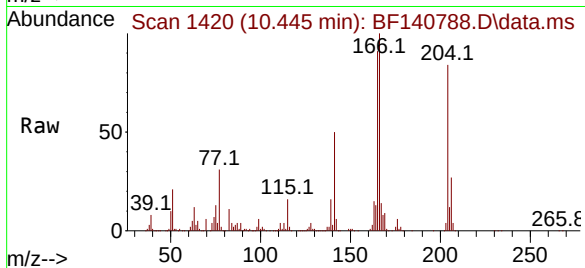




#61
4-Chlorophenyl-phenylether
Concen: 48.669 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

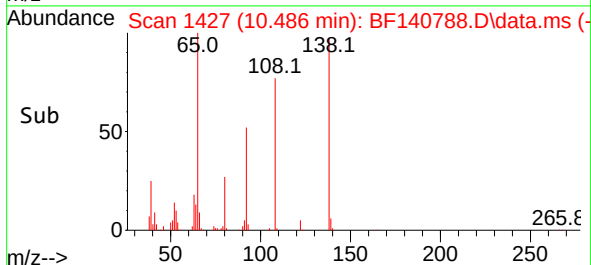
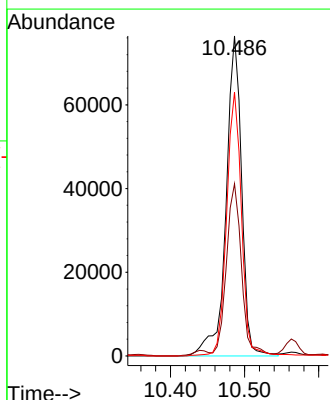
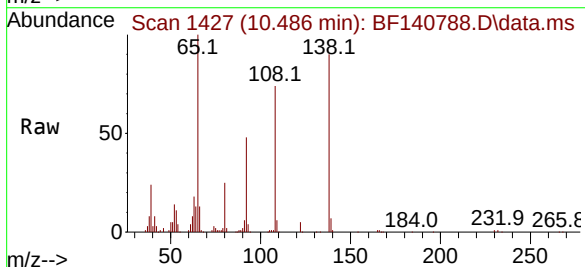
Instrument :
BNA_F
ClientSampleId :
PB165435BS

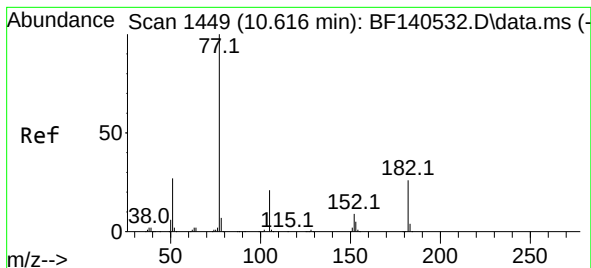
Tgt Ion:204 Resp: 239856
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 59.1 51.1 76.7



#62
4-Nitroaniline
Concen: 48.276 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:138 Resp: 111708
Ion Ratio Lower Upper
138 100
92 53.8 34.5 74.5
108 82.5 70.6 110.6





#63

Azobenzene

Concen: 47.612 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

Tgt Ion: 77 Resp: 455652

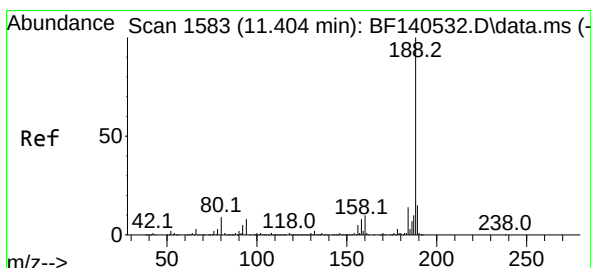
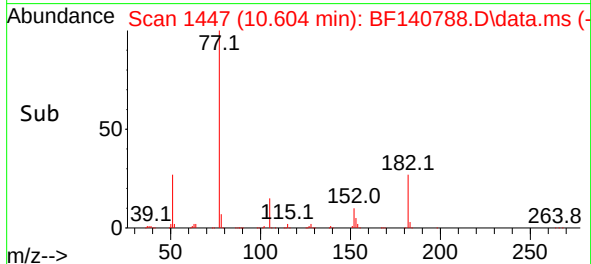
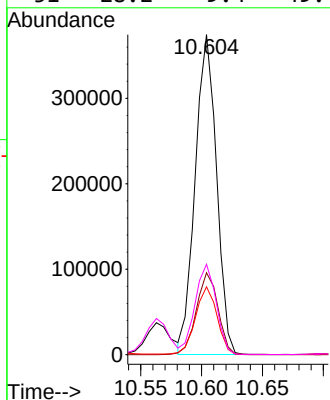
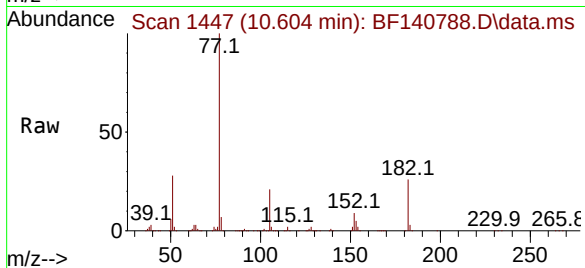
Ion Ratio Lower Upper

77 100

182 25.6 5.3 45.3

105 21.2 0.3 40.3

51 28.2 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

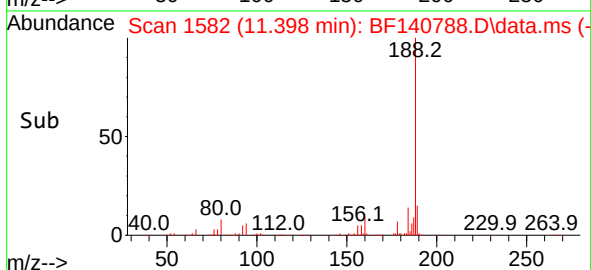
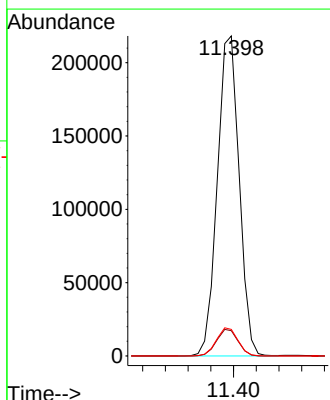
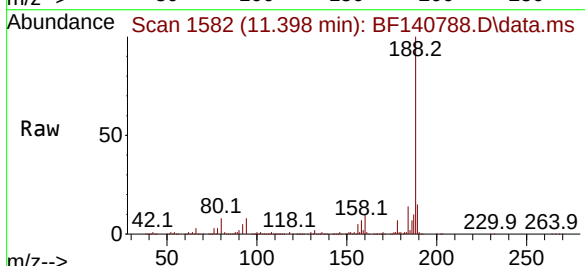
Tgt Ion: 188 Resp: 291303

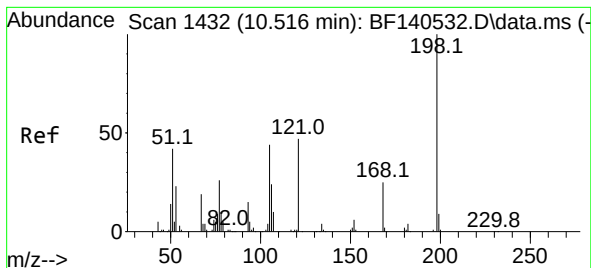
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.3 6.9 10.3

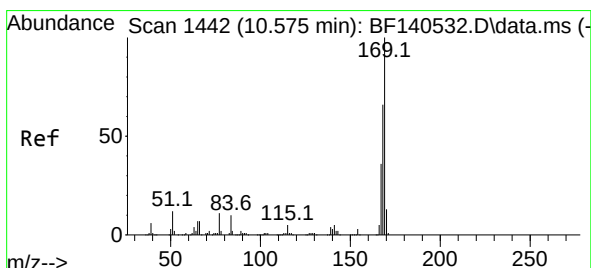
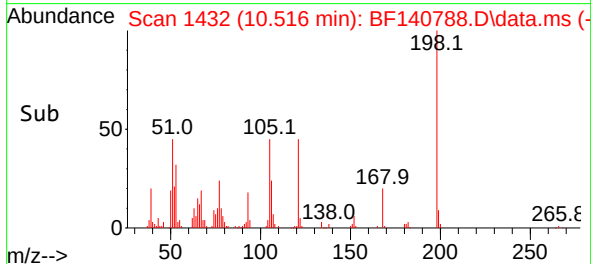
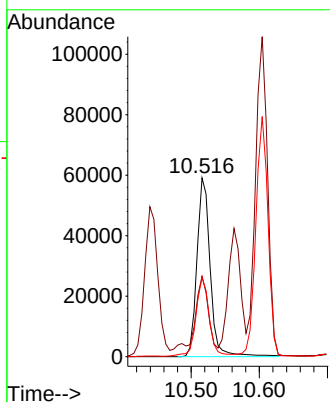
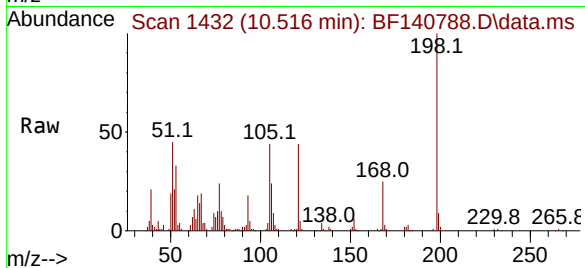




#65
4,6-Dinitro-2-methylphenol
Concen: 53.756 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

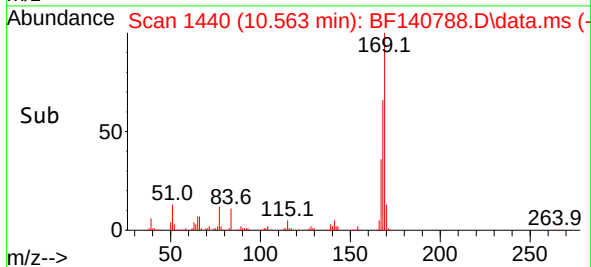
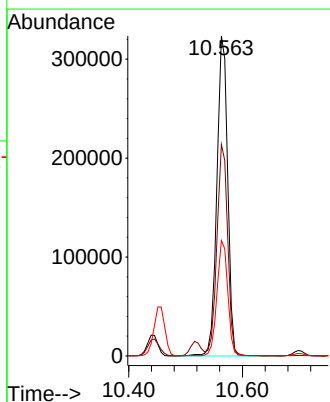
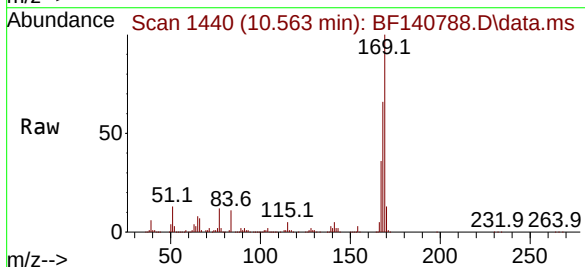
Instrument :
BNA_F
ClientSampleId :
PB165435BS

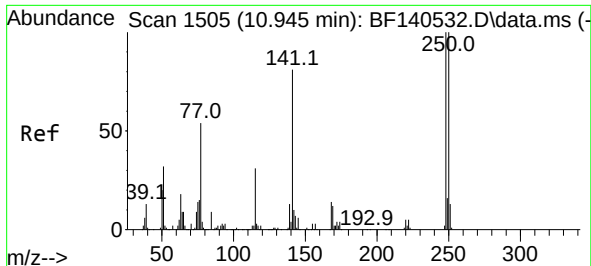
Tgt Ion:198 Resp: 80019
Ion Ratio Lower Upper
198 100
51 44.9 29.4 69.4
105 44.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 49.390 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

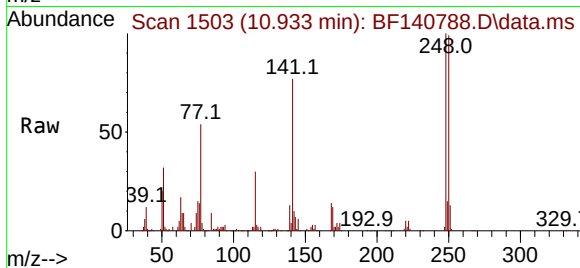
Tgt Ion:169 Resp: 425471
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.1 29.0 43.6



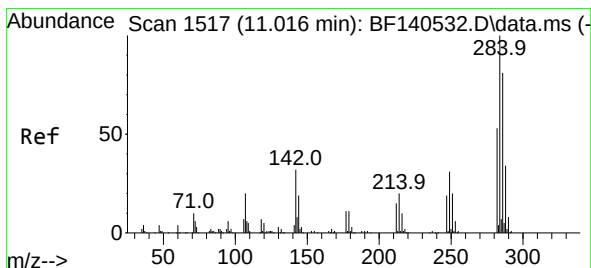
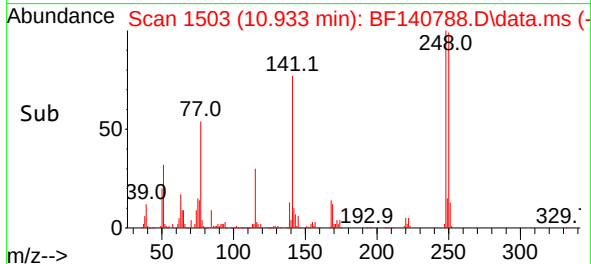
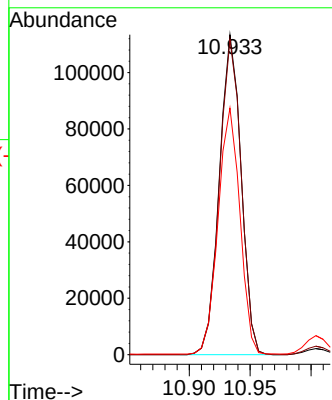


#67
4-Bromophenyl-phenylether
Concen: 47.145 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Instrument :
BNA_F
ClientSampleId :
PB165435BS

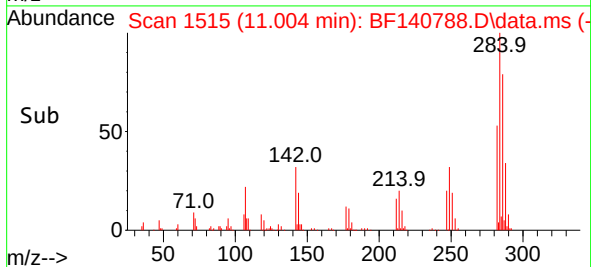
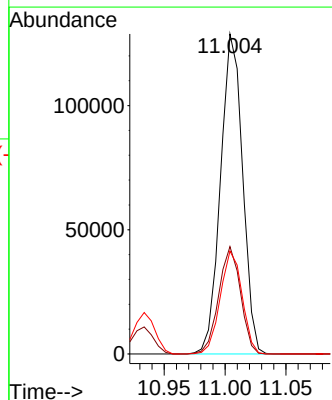
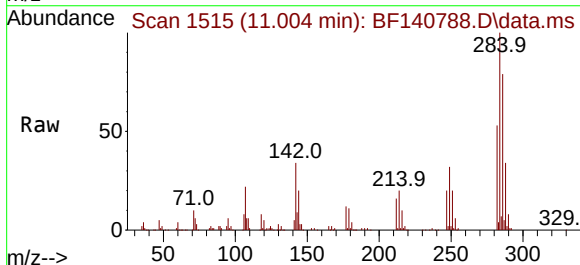


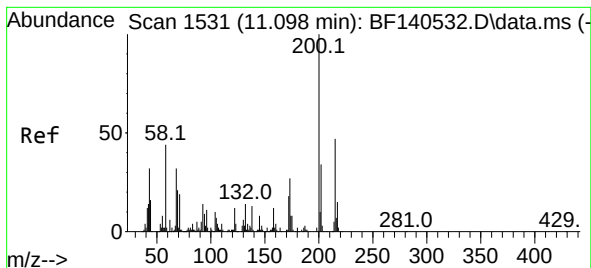
Tgt Ion:248 Resp: 141435
Ion Ratio Lower Upper
248 100
250 98.5 79.8 119.8
141 77.1 64.7 97.1



#68
Hexachlorobenzene
Concen: 46.840 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:284 Resp: 162708
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 32.1 24.8 37.2





#69

Atrazine

Concen: 55.886 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

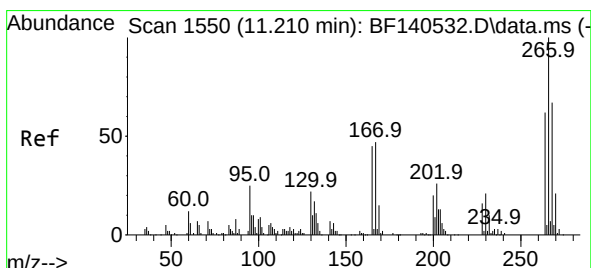
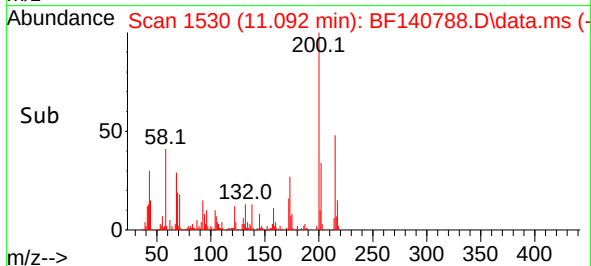
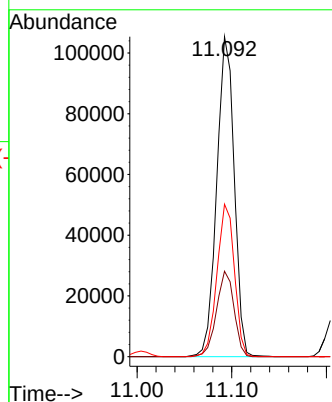
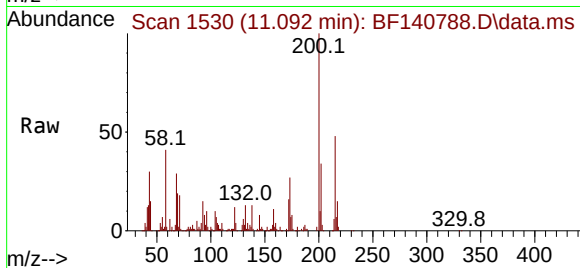
Tgt Ion:200 Resp: 135438

Ion Ratio Lower Upper

200 100

173 26.7 7.0 47.0

215 47.7 26.7 66.7



#70

Pentachlorophenol

Concen: 81.477 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

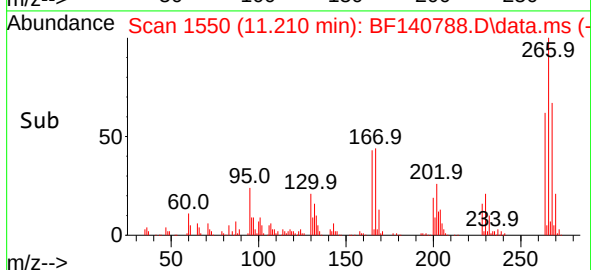
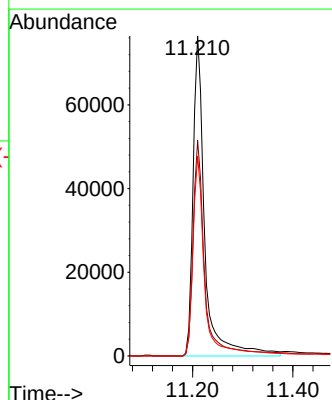
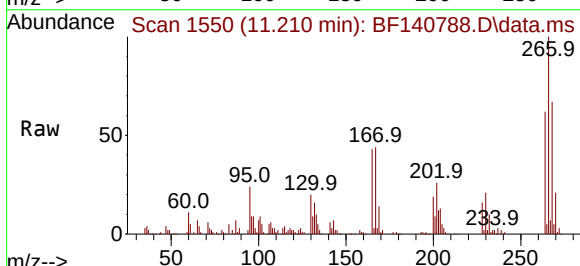
Tgt Ion:266 Resp: 124566

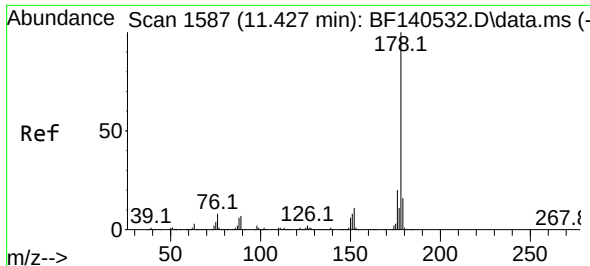
Ion Ratio Lower Upper

266 100

268 67.3 53.7 80.5

264 62.5 49.8 74.8

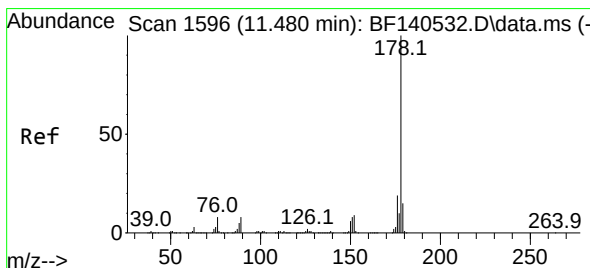
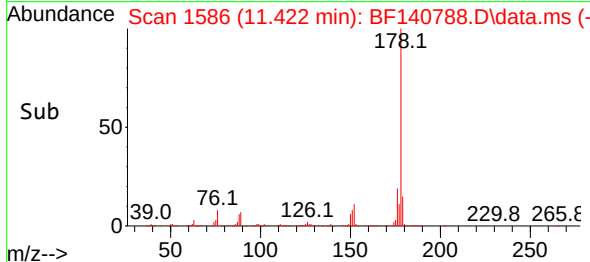
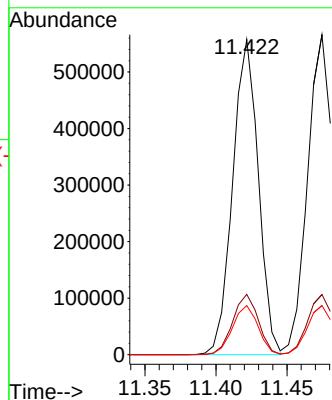
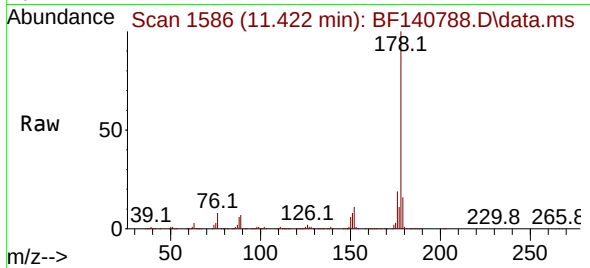




#71
Phenanthrene
Concen: 50.144 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

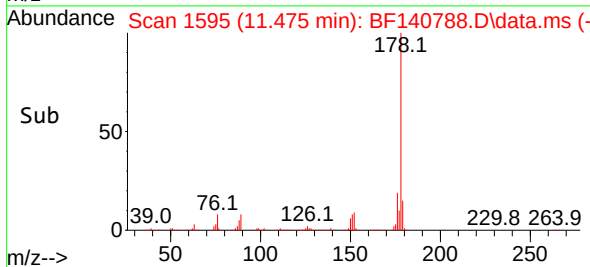
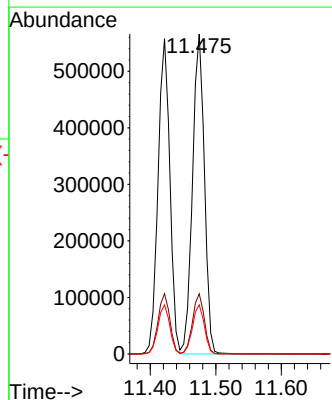
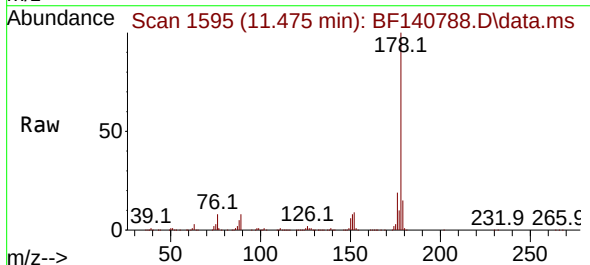
Instrument :
BNA_F
ClientSampleId :
PB165435BS

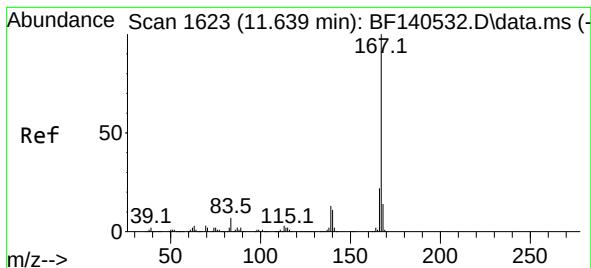
Tgt Ion:178 Resp: 702145
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.6 12.4 18.6



#72
Anthracene
Concen: 52.114 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:178 Resp: 713823
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





#73

Carbazole

Concen: 50.213 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

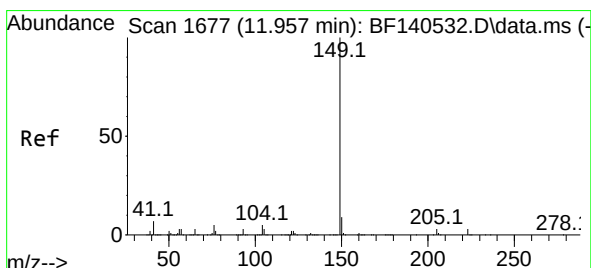
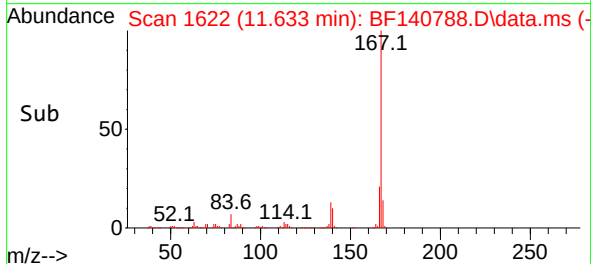
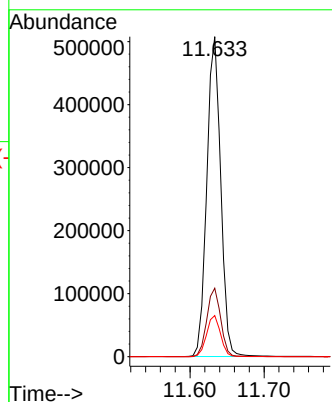
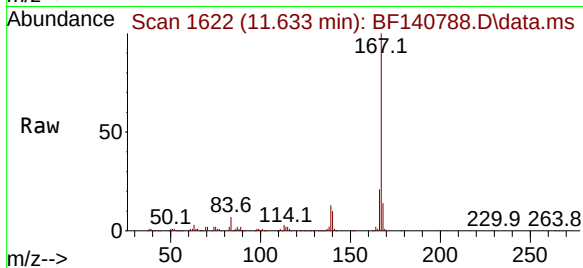
Tgt Ion:167 Resp: 661646

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 47.754 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

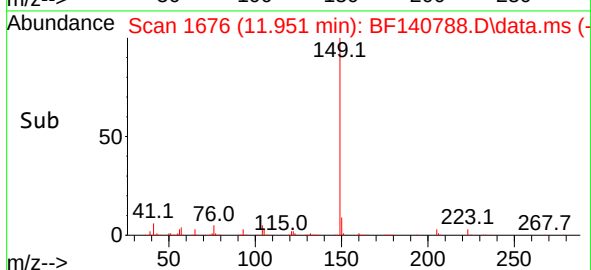
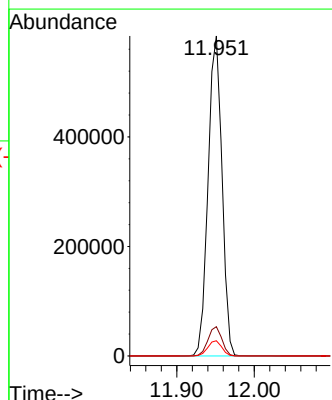
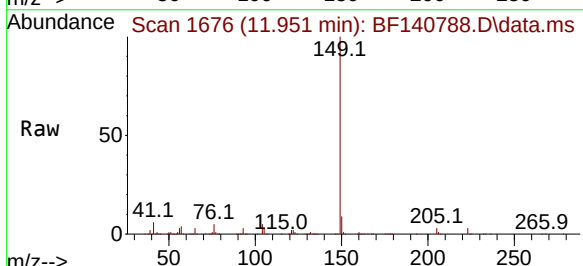
Tgt Ion:149 Resp: 726470

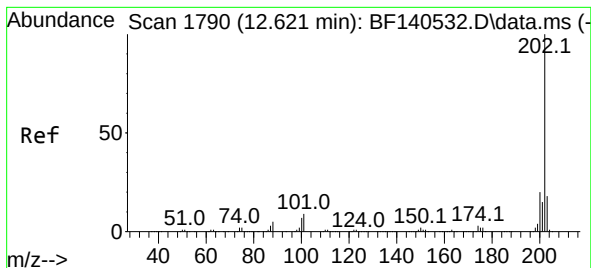
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 51.293 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

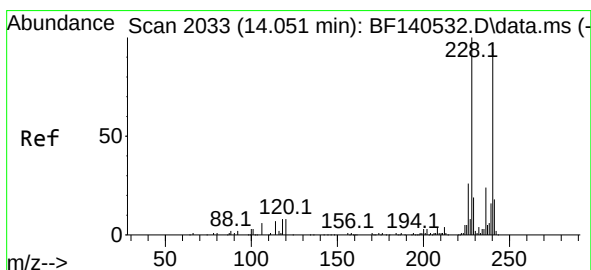
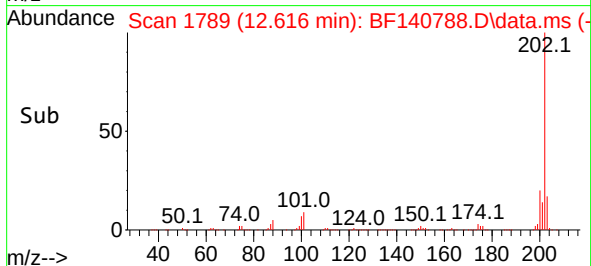
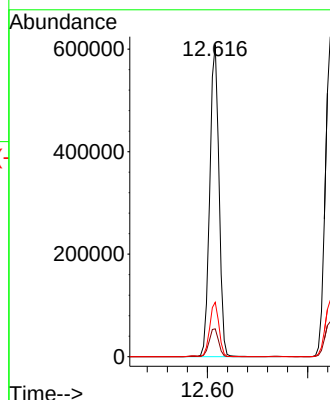
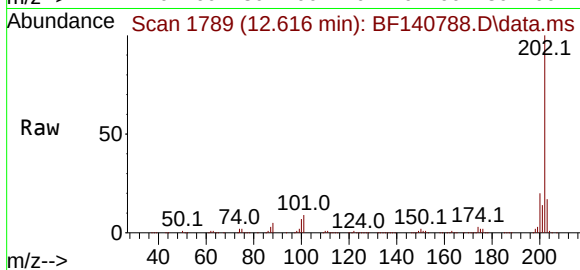
Tgt Ion:202 Resp: 779823

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.9

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

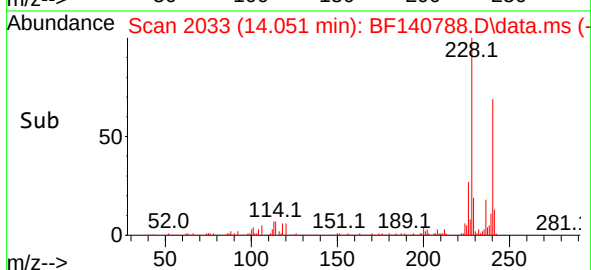
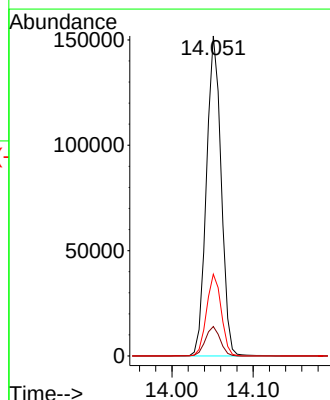
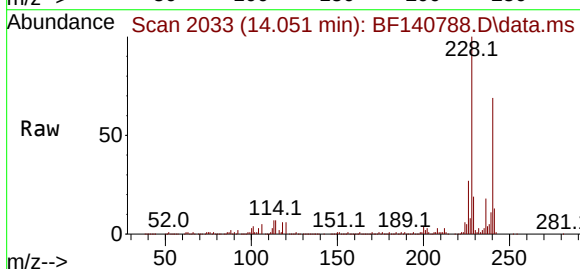
Tgt Ion:240 Resp: 190407

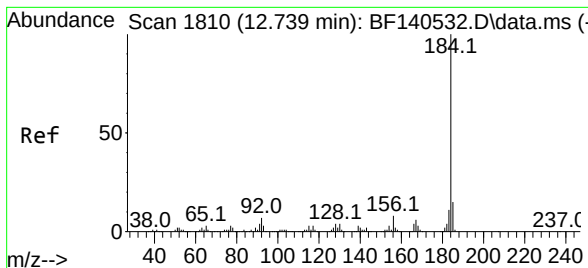
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.6 20.6 31.0





#77

Benzidine

Concen: 34.810 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

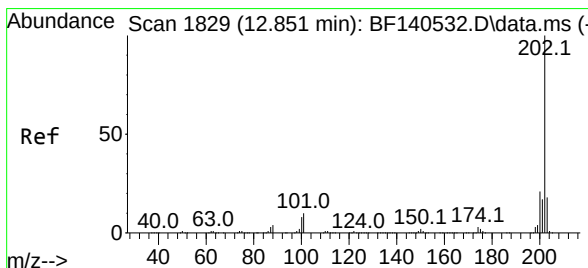
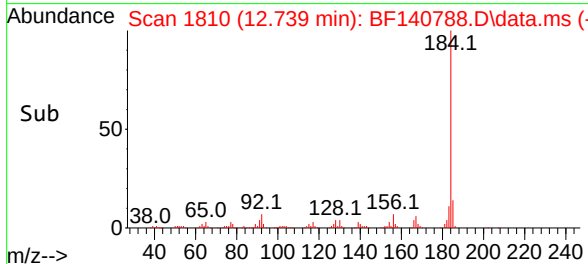
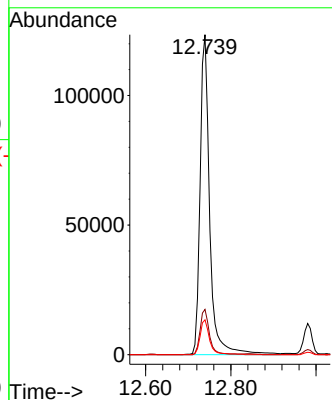
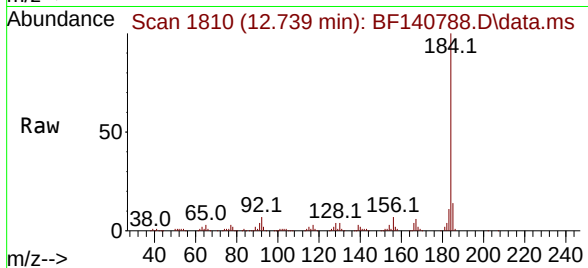
Tgt Ion:184 Resp: 192710

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.9 8.8 13.2



#78

Pyrene

Concen: 45.388 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

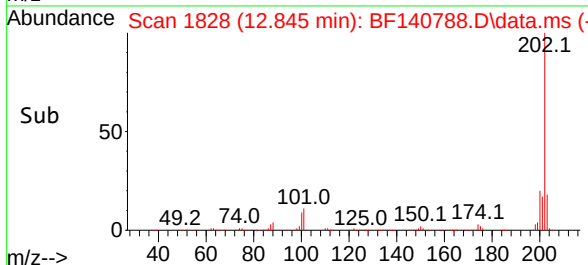
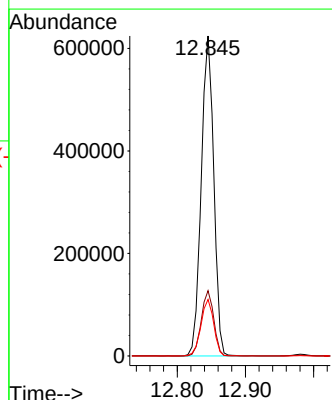
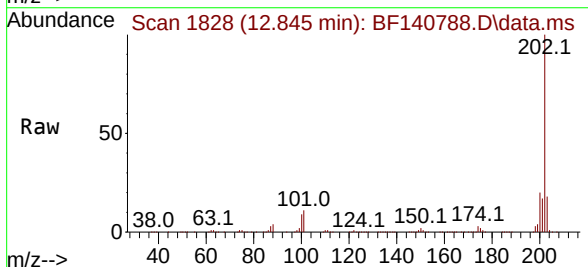
Tgt Ion:202 Resp: 799086

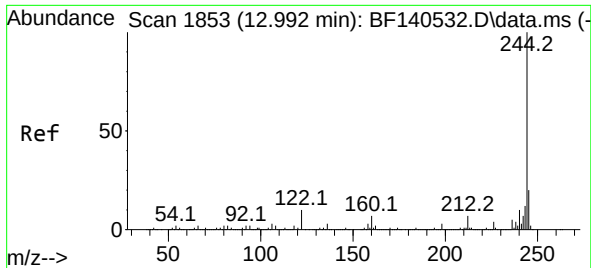
Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

203 17.6 14.2 21.4

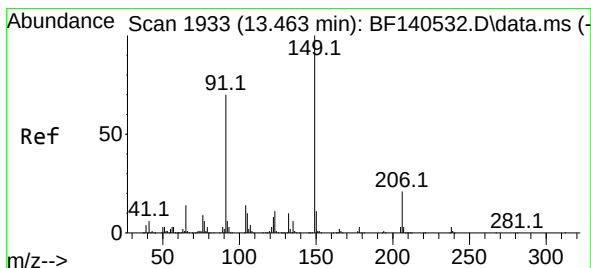
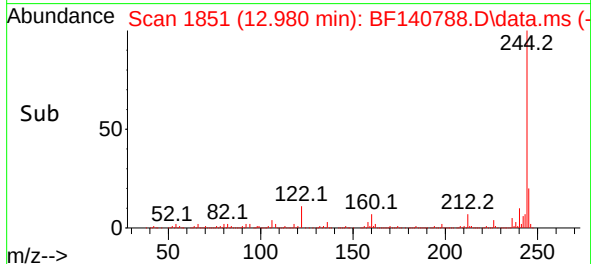
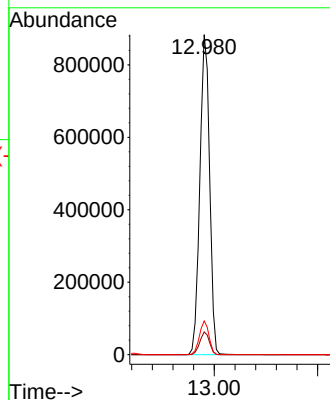
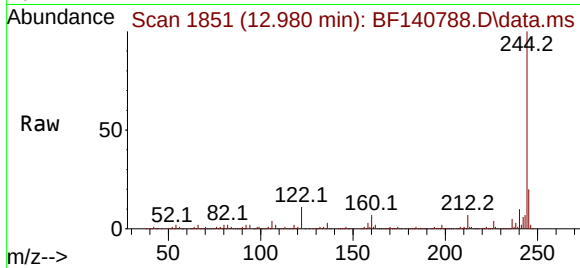




#79
 Terphenyl-d14
 Concen: 94.431 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

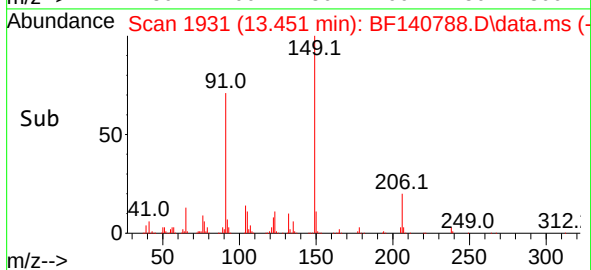
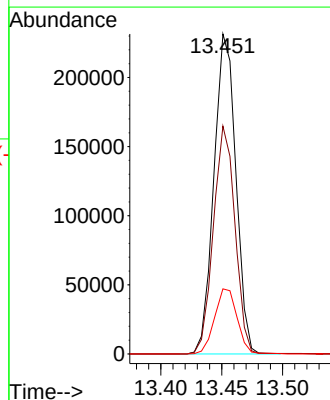
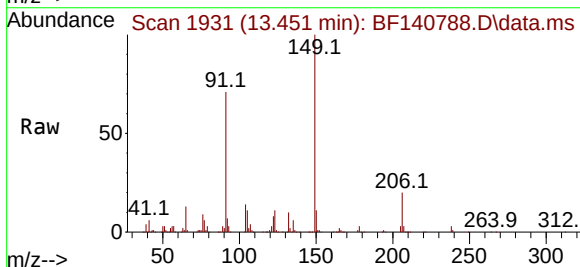
Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

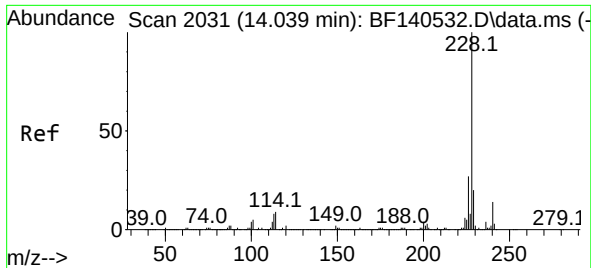
Tgt Ion:244 Resp: 1154710
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.6 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 45.793 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Tgt Ion:149 Resp: 290428
 Ion Ratio Lower Upper
 149 100
 91 71.2 56.2 84.2
 206 20.4 16.4 24.6

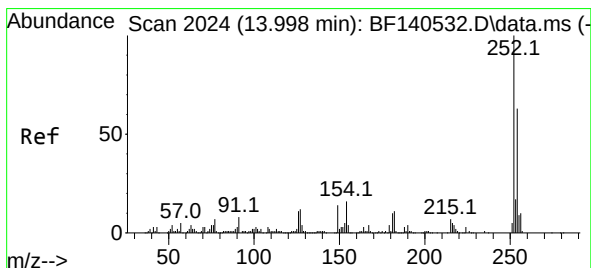
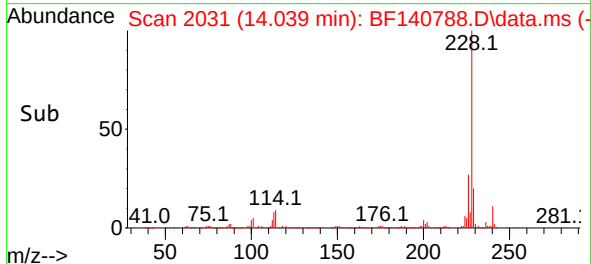
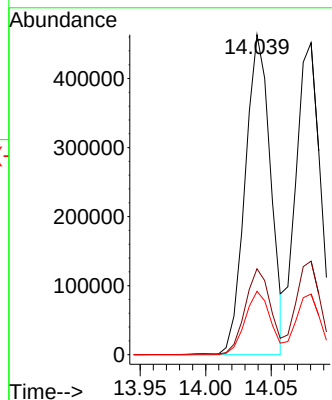
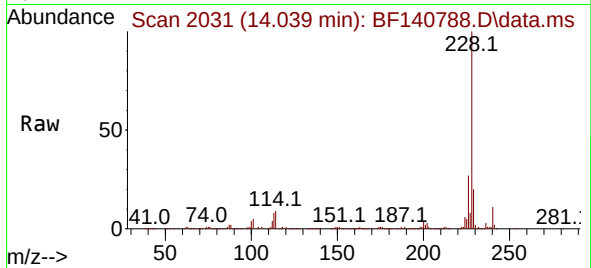




#81
Benzo(a)anthracene
Concen: 49.513 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

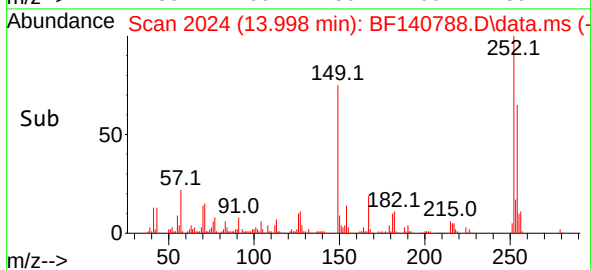
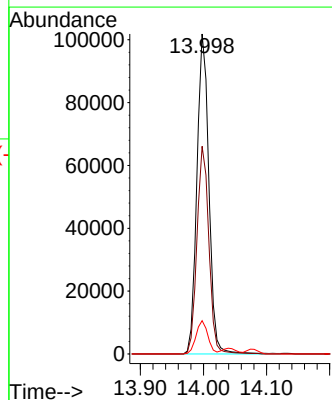
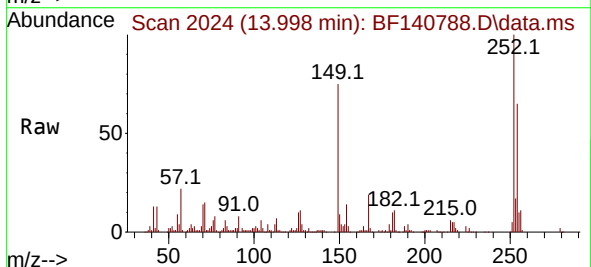
Instrument :
BNA_F
ClientSampleId :
PB165435BS

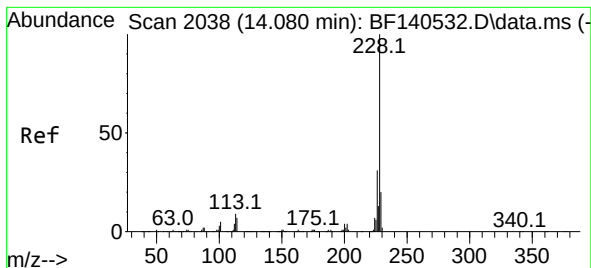
Tgt Ion:228 Resp: 624066
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.364 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:252 Resp: 133825
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 50.924 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

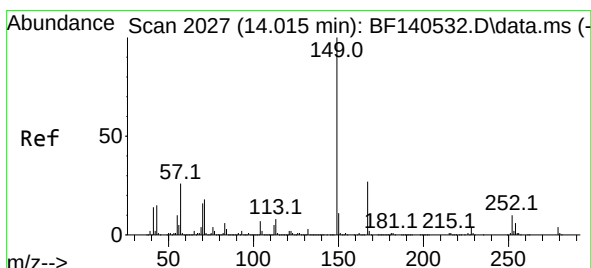
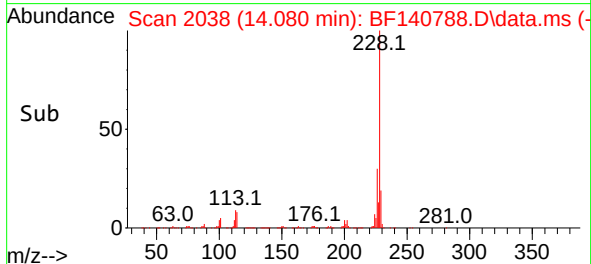
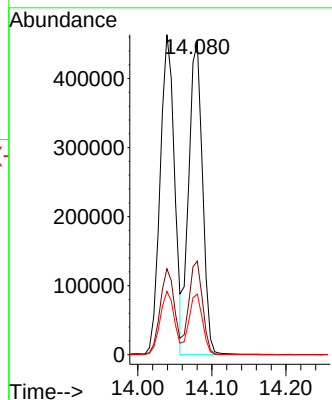
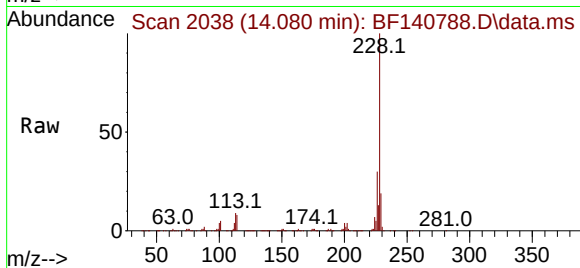
Tgt Ion:228 Resp: 586907

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.732 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

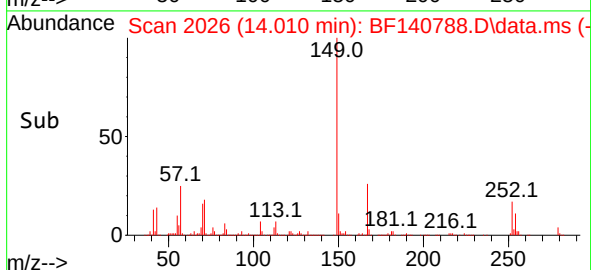
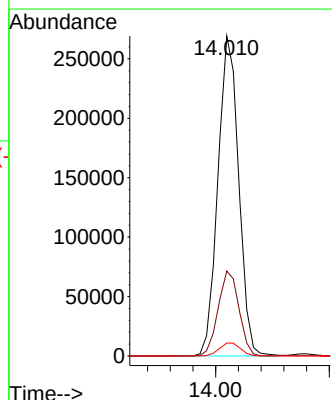
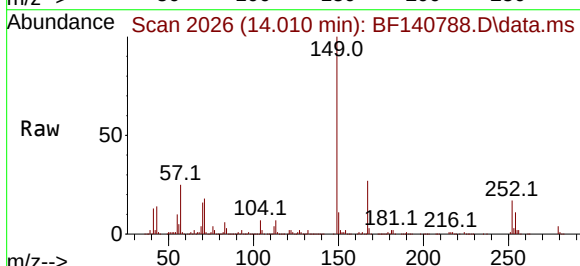
Tgt Ion:149 Resp: 342209

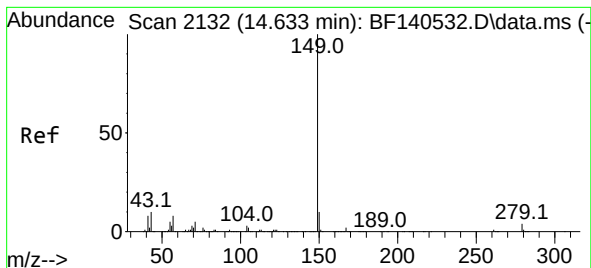
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.056 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

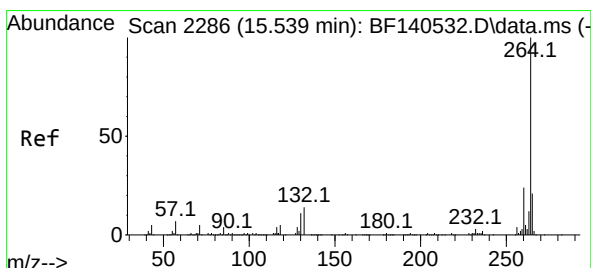
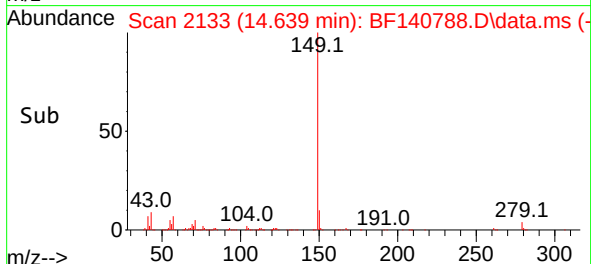
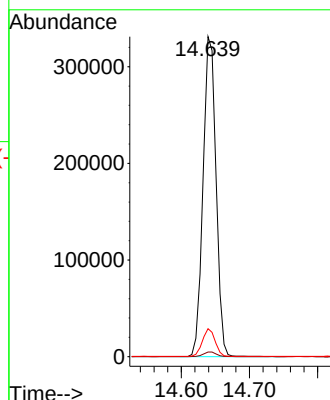
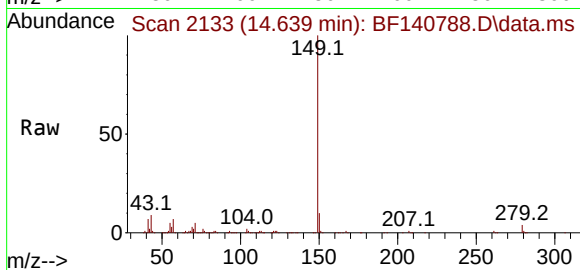
Tgt Ion:149 Resp: 438390

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

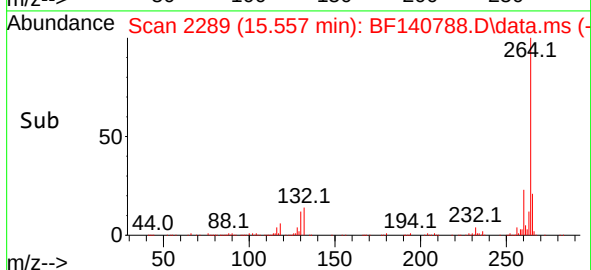
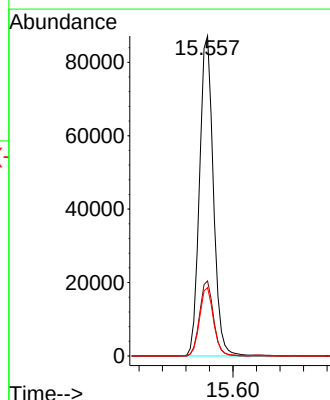
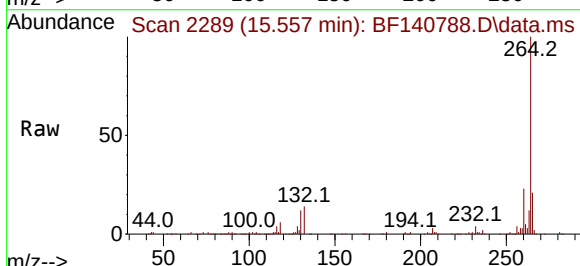
Tgt Ion:264 Resp: 142298

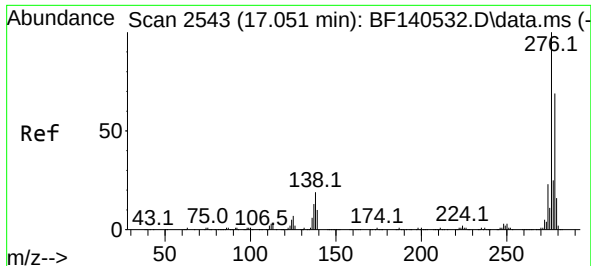
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.236 ng
RT: 17.080 min Scan# 2114
Delta R.T. 0.030 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

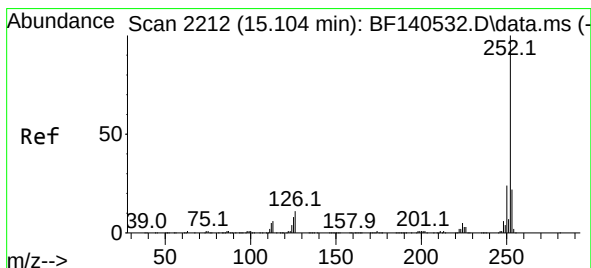
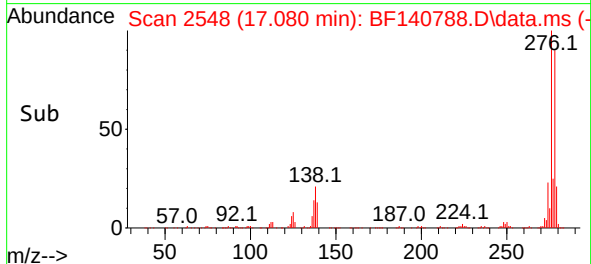
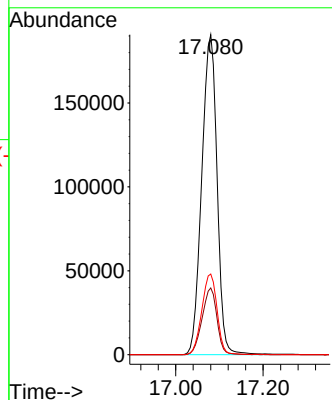
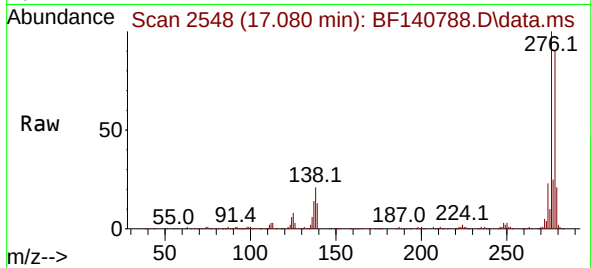
Instrument :

BNA_F

ClientSampleId :

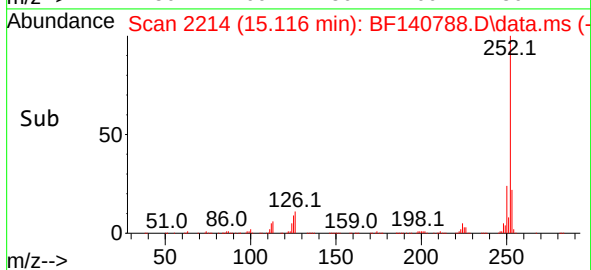
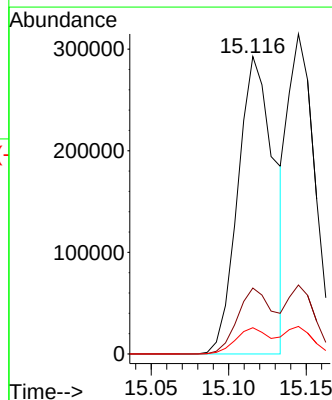
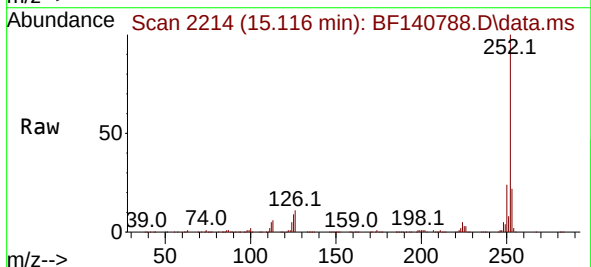
PB165435BS

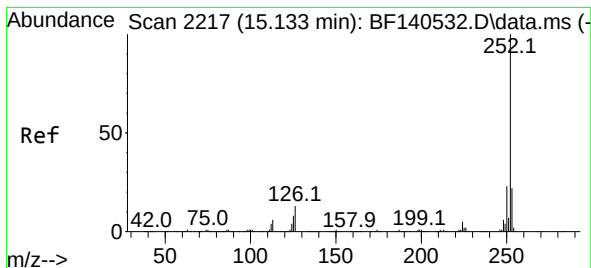
Tgt Ion:276 Resp: 465855
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 53.482 ng
RT: 15.116 min Scan# 2214
Delta R.T. 0.012 min
Lab File: BF140788.D
Acq: 09 Dec 2024 14:31

Tgt Ion:252 Resp: 478015
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.8 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 48.611 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB165435BS

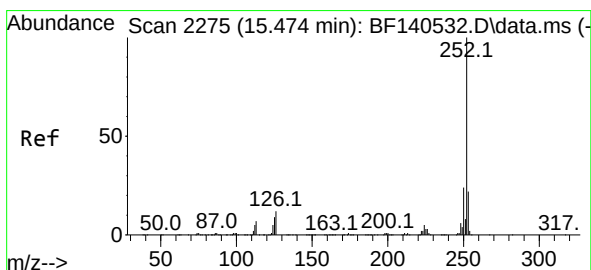
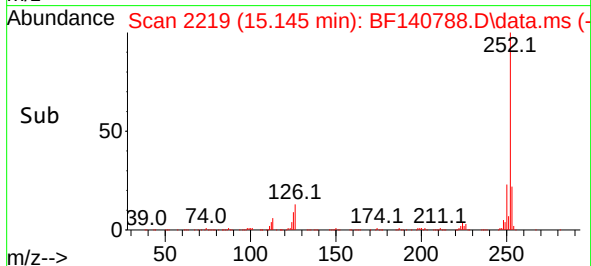
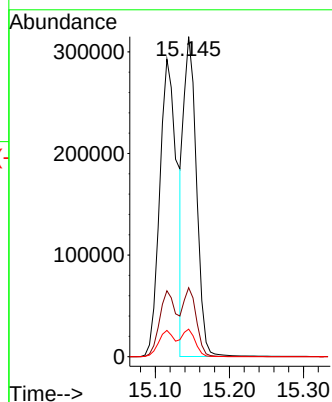
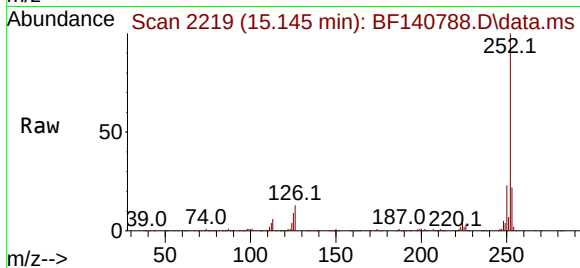
Tgt Ion:252 Resp: 380212

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.6 6.5 9.7



#90

Benzo(a)pyrene

Concen: 53.899 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140788.D

Acq: 09 Dec 2024 14:31

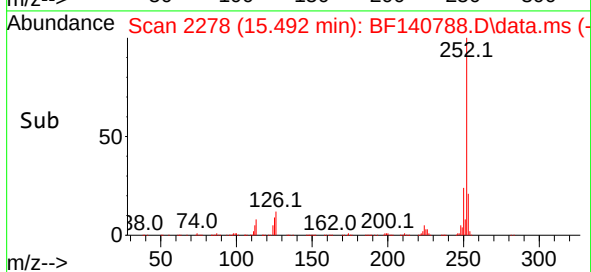
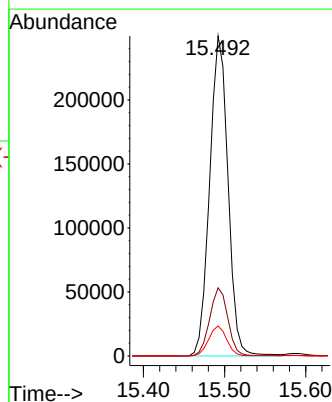
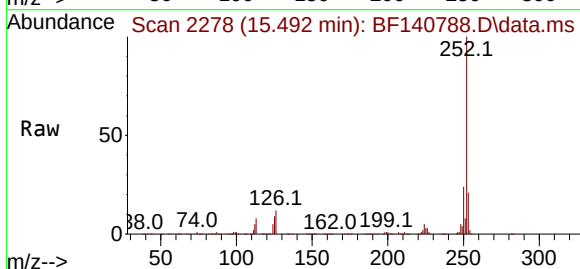
Tgt Ion:252 Resp: 391696

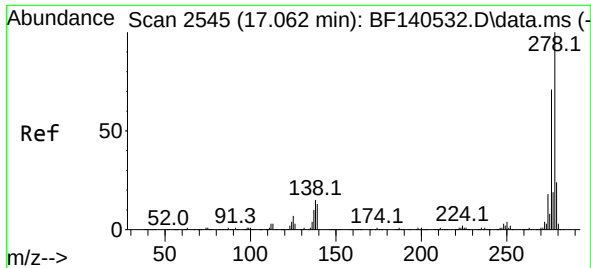
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 9.4 7.0 10.6

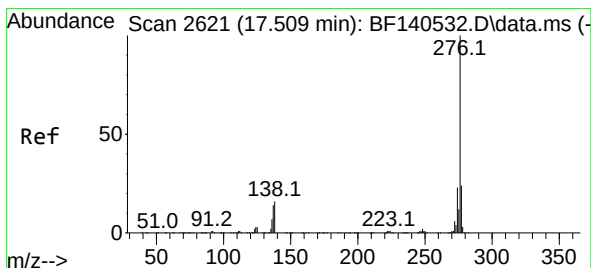
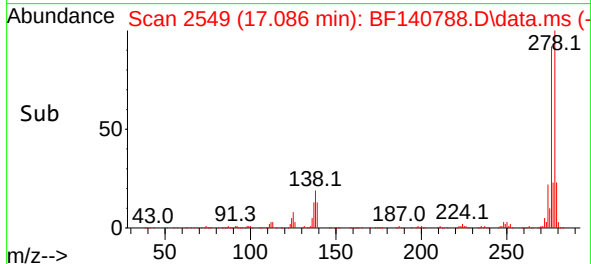
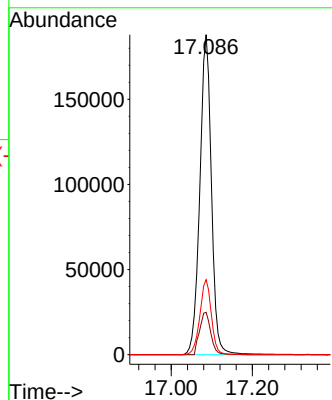
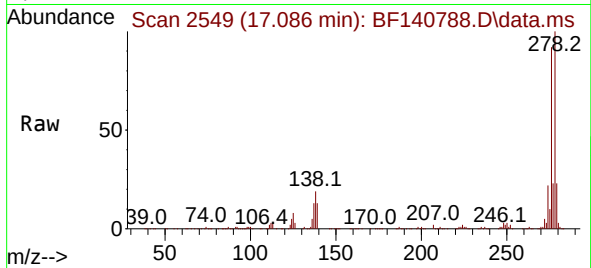




#91
 Dibenzo(a,h)anthracene
 Concen: 49.287 ng
 RT: 17.086 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

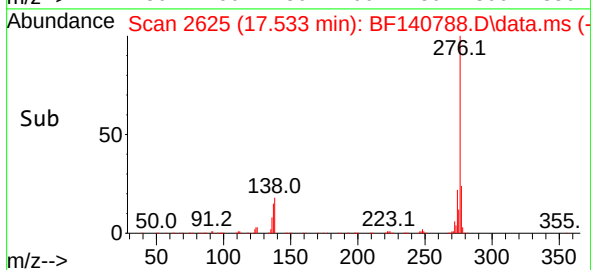
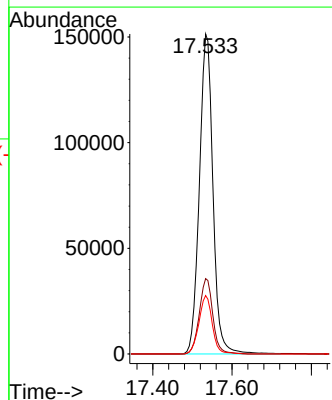
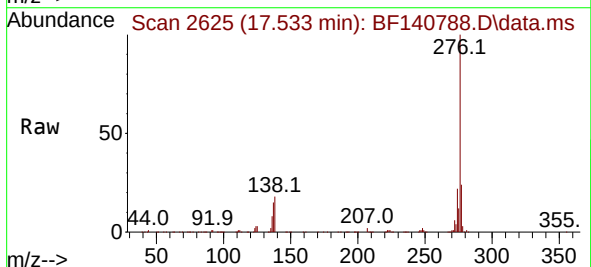
Instrument :
 BNA_F
 ClientSampleId :
 PB165435BS

Tgt Ion:278 Resp: 374312
 Ion Ratio Lower Upper
 278 100
 139 13.2 10.2 15.4
 279 23.4 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 46.398 ng
 RT: 17.533 min Scan# 2625
 Delta R.T. 0.024 min
 Lab File: BF140788.D
 Acq: 09 Dec 2024 14:31

Tgt Ion:276 Resp: 359573
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.9 28.3
 138 18.2 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140791.D
 Acq On : 09 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5095-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

Quant Time: Dec 09 17:17:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	79701	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	316728	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	186143	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	339098	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	172761	20.000	ng	0.00
86) Perylene-d12	15.551	264	180382	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	599434	128.325	ng	0.01
7) Phenol-d6	6.516	99	729324	118.100	ng	0.00
23) Nitrobenzene-d5	7.428	82	546010	88.178	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	265944	133.586	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1114709	89.225	ng	-0.01
79) Terphenyl-d14	12.980	244	1111717	100.201	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	75712	38.550	ng	# 83
3) Pyridine	3.540	79	136197	31.518	ng	99
4) n-Nitrosodimethylamine	3.457	42	106649	41.992	ng	91
6) Aniline	6.534	93	70997	16.334	ng	# 1
8) 2-Chlorophenol	6.663	128	233366	46.436	ng	94
9) Benzaldehyde	6.428	77	9838	3.009	ng	95
10) Phenol	6.528	94	256450	40.663	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	227172	47.072	ng	99
12) 1,3-Dichlorobenzene	6.804	146	221837	39.285	ng	98
13) 1,4-Dichlorobenzene	6.881	146	233191	40.784	ng	98
14) 1,2-Dichlorobenzene	7.034	146	223579	41.730	ng	99
15) Benzyl Alcohol	7.016	79	209652	45.779	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	268087	47.021	ng	64
17) 2-Methylphenol	7.134	107	186280	46.305	ng	94
18) Hexachloroethane	7.369	117	84181	39.420	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	174376	47.778	ng	95
20) 3+4-Methylphenols	7.287	107	250308	48.408	ng	# 74
22) Acetophenone	7.275	105	339568	43.976	ng	# 93
24) Nitrobenzene	7.451	77	262554	41.026	ng	97
25) Isophorone	7.687	82	472592	45.759	ng	100
26) 2-Nitrophenol	7.763	139	130576	46.041	ng	96
27) 2,4-Dimethylphenol	7.804	122	191531	56.444	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	289953	46.084	ng	99
29) 2,4-Dichlorophenol	8.016	162	215461	47.919	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	212827	41.456	ng	99
31) Naphthalene	8.169	128	720847	44.185	ng	99
32) Benzoic acid	7.945	122	122093	42.344	ng	95
33) 4-Chloroaniline	8.234	127	47362	9.696	ng	98
34) Hexachlorobutadiene	8.281	225	139257	40.953	ng	100
35) Caprolactam	8.598	113	34636	24.891	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	237890	47.254	ng	99
37) 2-Methylnaphthalene	8.857	142	491532	47.435	ng	100
38) 1-Methylnaphthalene	8.957	142	460226	45.311	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	240002	44.042	ng	99
41) Hexachlorocyclopentadiene	9.004	237	137561	109.360	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	154798	45.270	ng	99

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 Acq On : 09 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5095-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

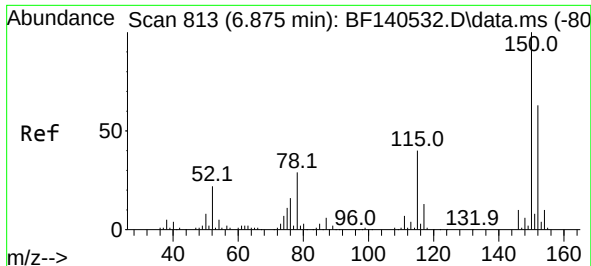
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	163723	44.118	ng	97
46) 1,1'-Biphenyl	9.322	154	639347	46.004	ng	100
47) 2-Chloronaphthalene	9.351	162	469433	44.578	ng	98
48) 2-Nitroaniline	9.451	65	153276	45.347	ng	97
49) Acenaphthylene	9.763	152	770695	48.438	ng	100
50) Dimethylphthalate	9.622	163	579964	47.308	ng	100
51) 2,6-Dinitrotoluene	9.692	165	123946	44.579	ng	96
52) Acenaphthene	9.939	154	485059	47.980	ng	99
53) 3-Nitroaniline	9.869	138	39832	14.648	ng	95
54) 2,4-Dinitrophenol	9.986	184	126025	86.785	ng	91
55) Dibenzofuran	10.110	168	716174	46.443	ng	100
56) 4-Nitrophenol	10.051	139	133056	71.746	ng	94
57) 2,4-Dinitrotoluene	10.104	165	168894	45.707	ng	94
58) Fluorene	10.451	166	577835	46.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	142478	49.956	ng	90
60) Diethylphthalate	10.322	149	579329	46.511	ng	99
61) 4-Chlorophenyl-phenylether	10.439	204	283629	46.693	ng	98
62) 4-Nitroaniline	10.486	138	111966	39.258	ng	90
63) Azobenzene	10.604	77	540076	45.787	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	88121	50.854	ng	95
66) n-Nitrosodiphenylamine	10.563	169	456538	45.526	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	165214	47.310	ng	96
68) Hexachlorobenzene	11.004	284	184261	45.568	ng	98
69) Atrazine	11.092	200	100165	35.506	ng	98
70) Pentachlorophenol	11.210	266	156477	87.924	ng	98
71) Phenanthrene	11.422	178	808533	49.603	ng	99
72) Anthracene	11.475	178	818981	51.364	ng	99
73) Carbazole	11.633	167	652811	42.559	ng	100
74) Di-n-butylphthalate	11.951	149	850560	48.031	ng	99
75) Fluoranthene	12.610	202	782758	44.229	ng	99
78) Pyrene	12.845	202	787494	49.299	ng	99
80) Butylbenzylphthalate	13.451	149	300969	52.302	ng	99
81) Benzo(a)anthracene	14.039	228	555445	48.569	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	28273	8.234	ng	98
83) Chrysene	14.074	228	511582	48.922	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	371182	51.084	ng	99
85) Di-n-octyl phthalate	14.639	149	590749	59.490	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	461473	39.257	ng	97
88) Benzo(b)fluoranthene	15.110	252	578695	51.076	ng	99
89) Benzo(k)fluoranthene	15.139	252	501730	50.604	ng	99
90) Benzo(a)pyrene	15.486	252	502239	54.519	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	390036	40.514	ng	99
92) Benzo(g,h,i)perylene	17.527	276	301164	30.656	ng	98

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

Quant Time: Dec 09 17:17:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

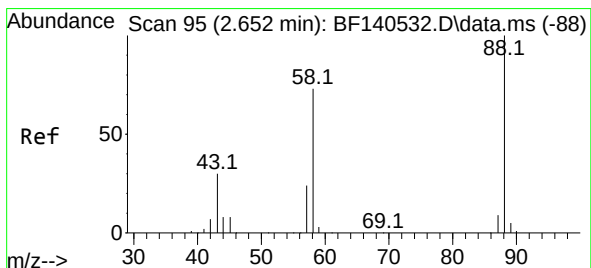
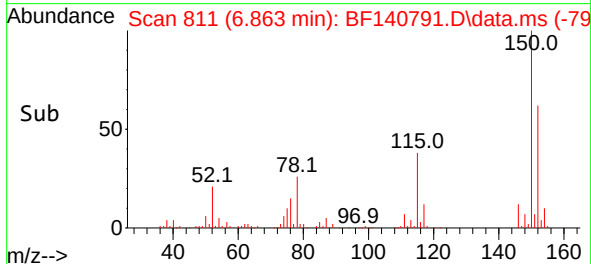
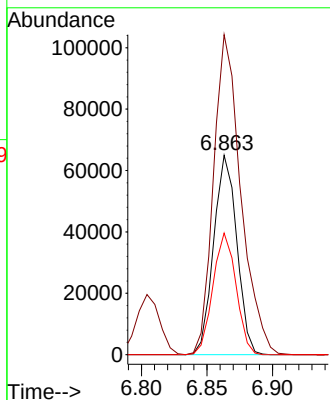
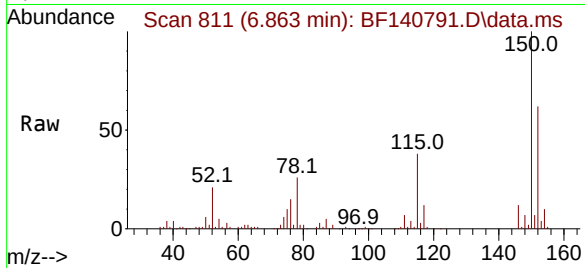




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

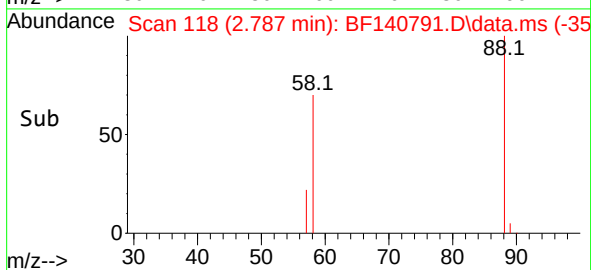
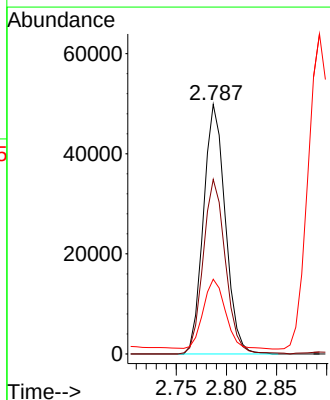
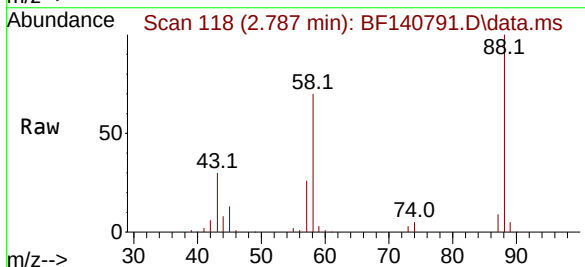
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 BNA_F
 ClientSampleId :
 MH-764MS

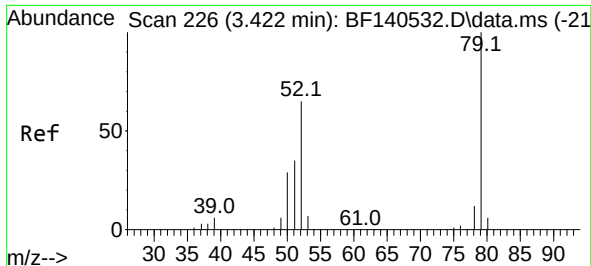
Tgt Ion:152 Resp: 79701
 Ion Ratio Lower Upper
 152 100
 150 160.5 128.5 192.7
 115 61.0 50.2 75.4



#2
 1,4-Dioxane
 Concen: 38.550 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.135 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

Tgt Ion: 88 Resp: 75712
 Ion Ratio Lower Upper
 88 100
 58 71.2 57.4 86.2
 43 0.0 24.3 36.5





#3

Pyridine

Concen: 31.518 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.118 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

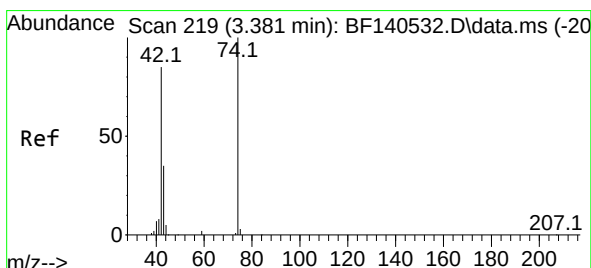
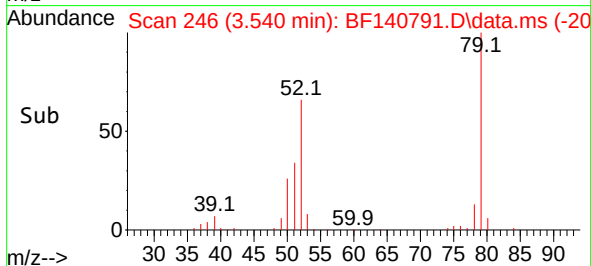
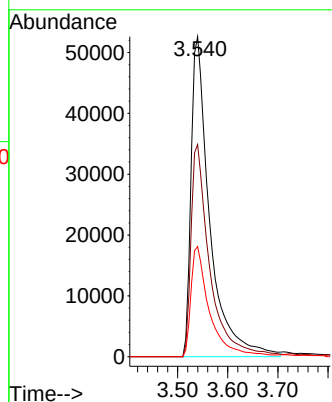
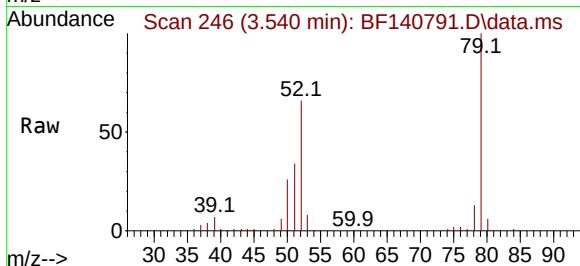
Tgt Ion: 79 Resp: 136197

Ion Ratio Lower Upper

79 100

52 66.3 52.1 78.1

51 34.4 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.992 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.077 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

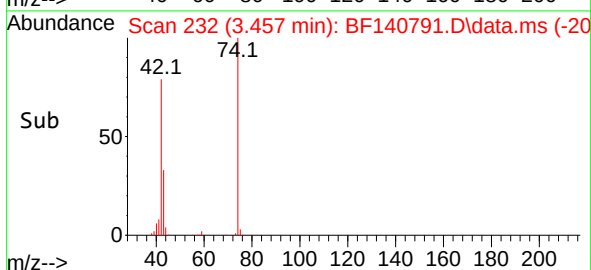
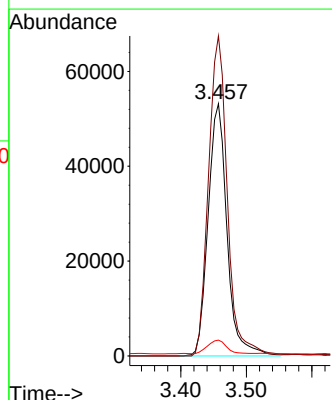
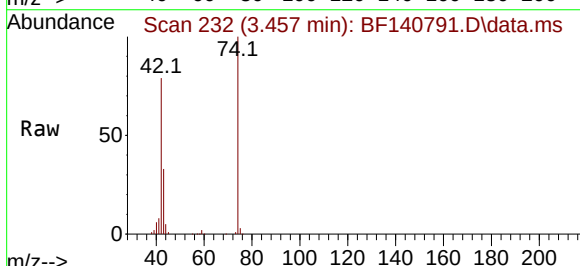
Tgt Ion: 42 Resp: 106649

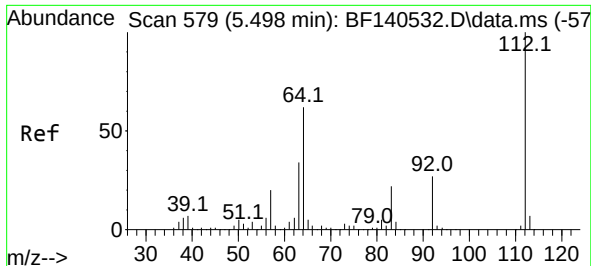
Ion Ratio Lower Upper

42 100

74 126.9 93.8 140.6

44 6.3 4.6 6.8

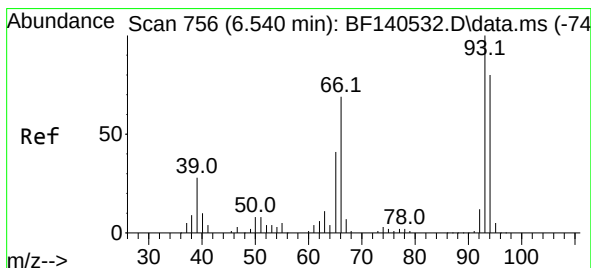
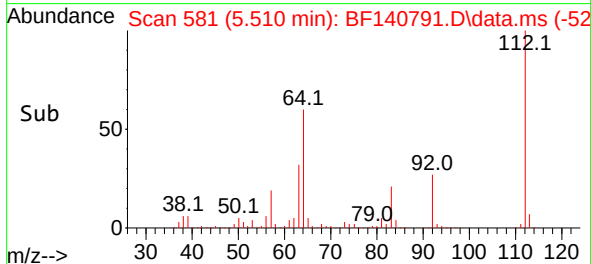
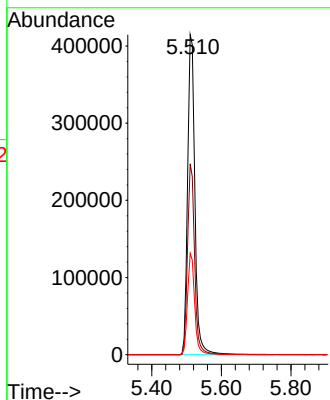
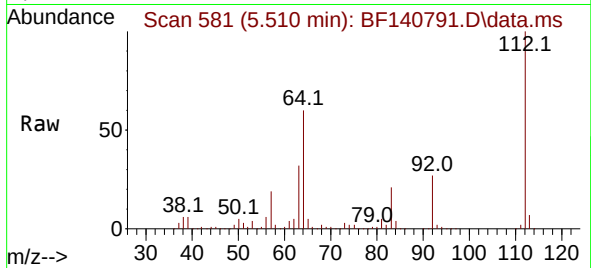




#5
2-Fluorophenol
Concen: 128.325 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

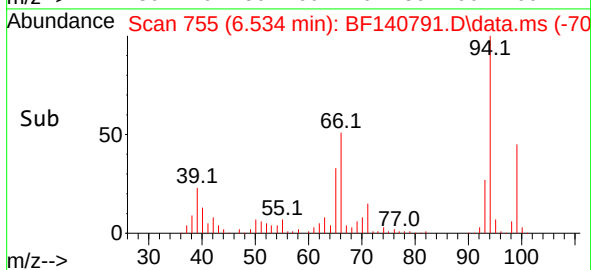
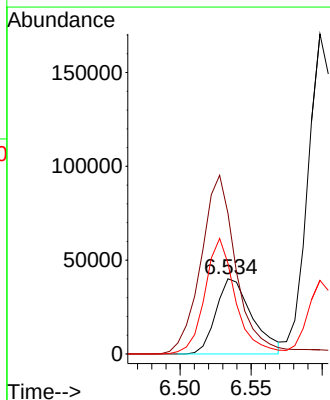
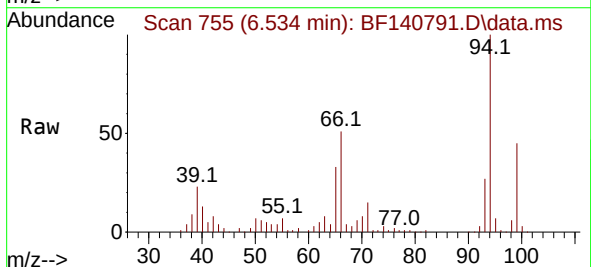
Instrument :
BNA_F
ClientSampleId :
MH-764MS

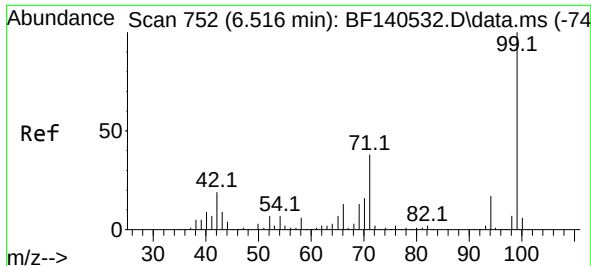
Tgt Ion:112 Resp: 599434
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.7 27.0 40.4



#6
Aniline
Concen: 16.334 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 93 Resp: 70997
Ion Ratio Lower Upper
93 100
66 187.3 56.5 84.7#
65 120.5 32.9 49.3#

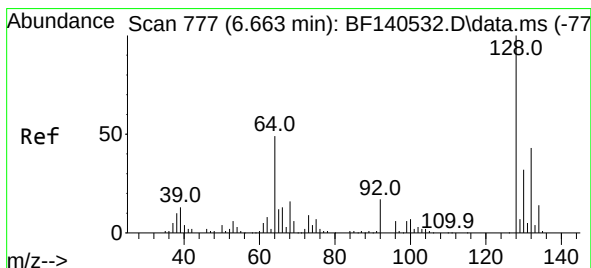
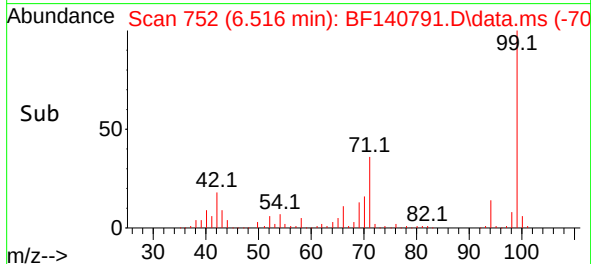
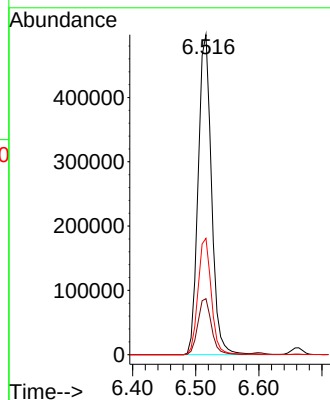
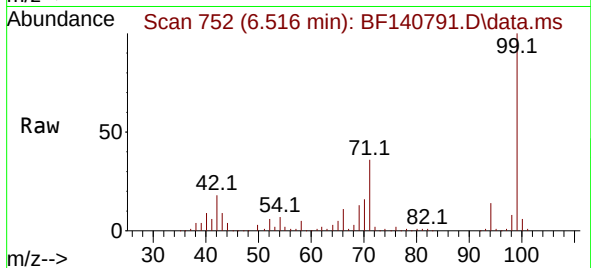




#7
Phenol-d6
Concen: 118.100 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

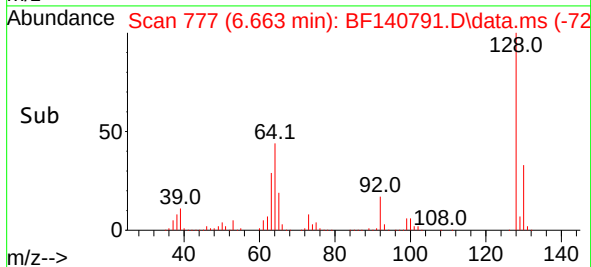
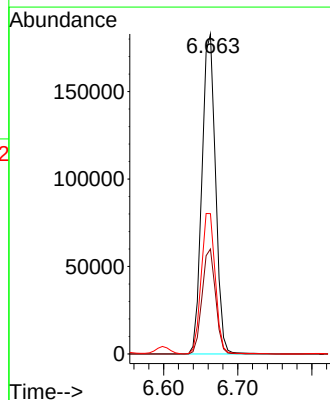
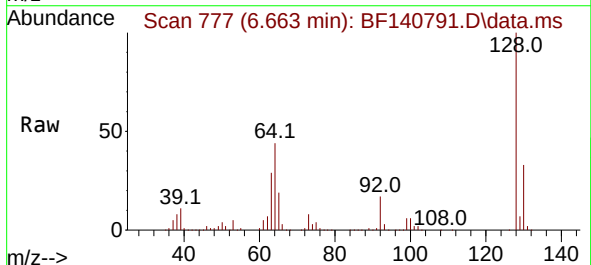
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ClientSampleId :
MH-764MS

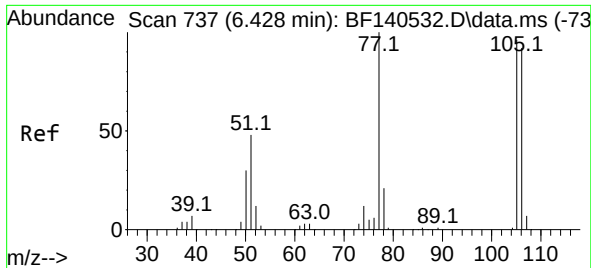
Tgt Ion: 99 Resp: 729324
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.4 30.6 46.0



#8
2-Chlorophenol
Concen: 46.436 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:128 Resp: 233366
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 43.9 30.2 70.2





#9

Benzaldehyde

Concen: 3.009 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

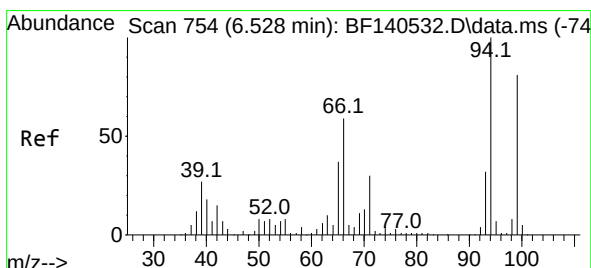
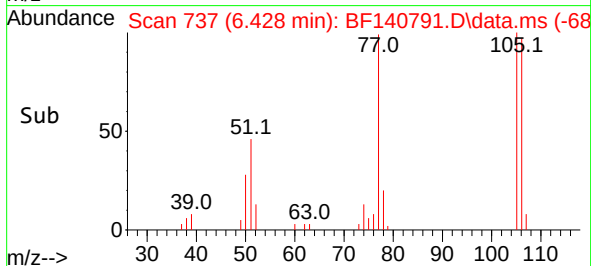
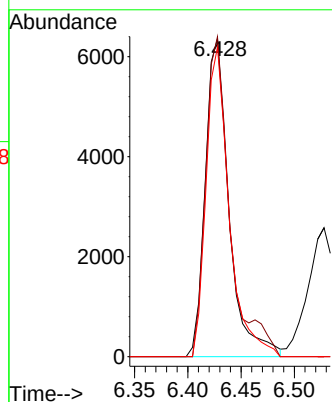
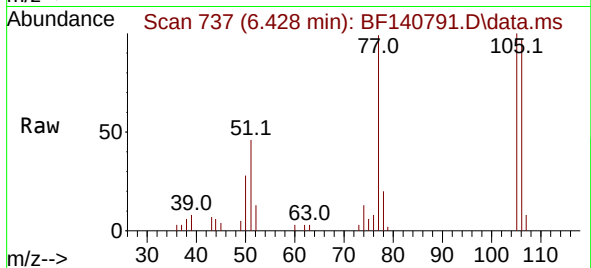
Tgt Ion: 77 Resp: 9838

Ion Ratio Lower Upper

77 100

105 100.7 75.6 115.6

106 97.5 72.0 112.0



#10

Phenol

Concen: 40.663 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

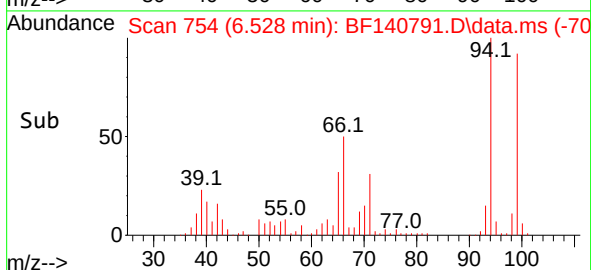
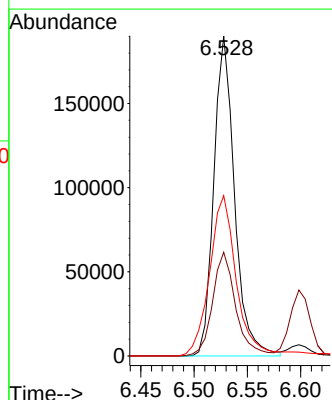
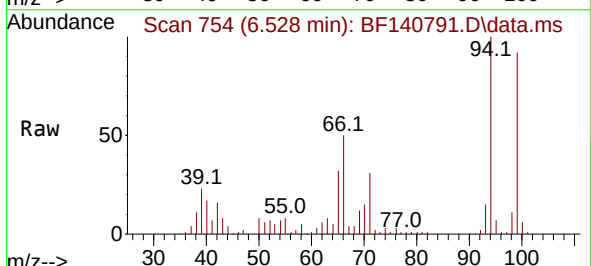
Tgt Ion: 94 Resp: 256450

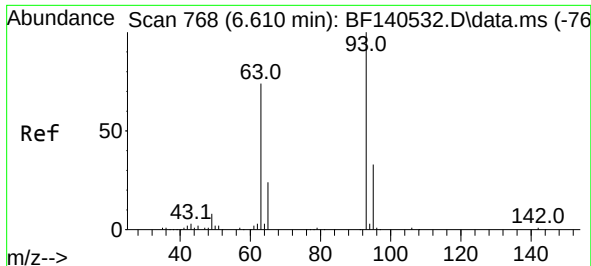
Ion Ratio Lower Upper

94 100

65 32.4 17.2 57.2

66 50.1 39.2 79.2

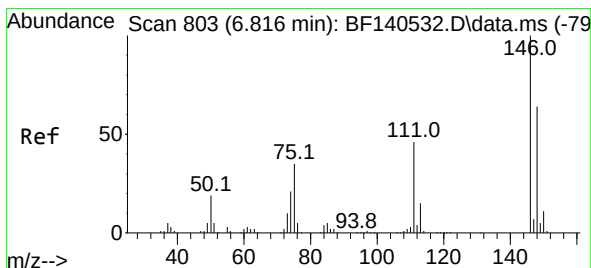
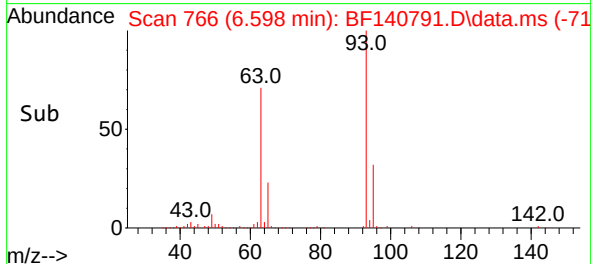
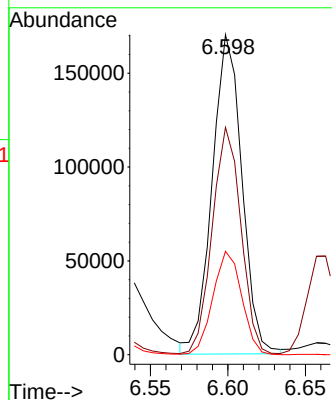
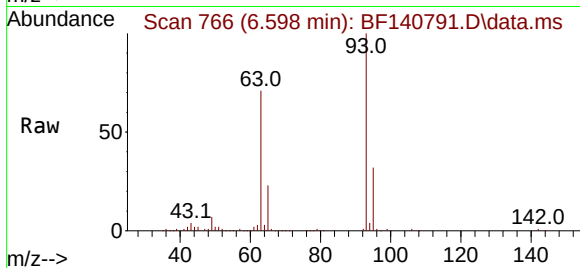




#11
bis(2-Chloroethyl)ether
Concen: 47.072 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

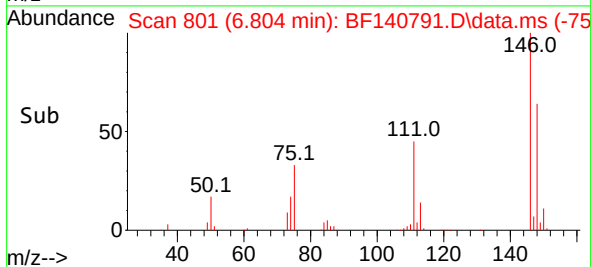
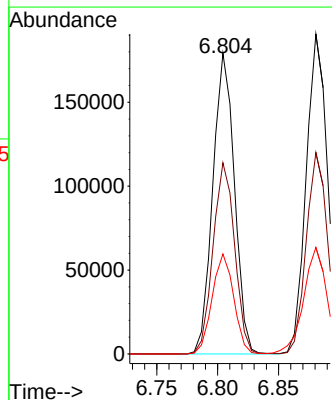
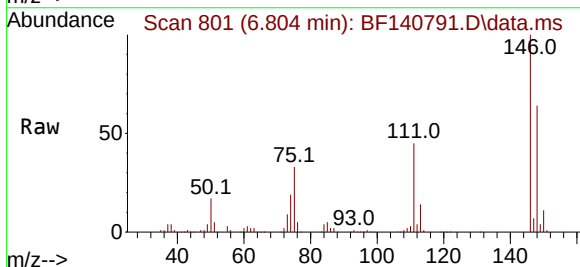
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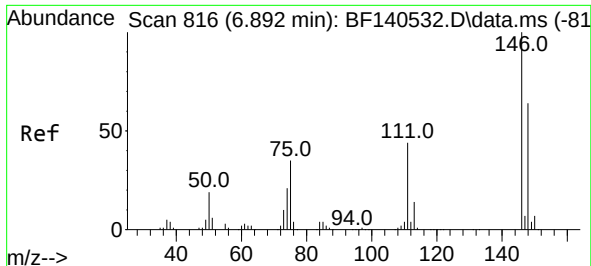
Tgt Ion: 93 Resp: 227172
Ion Ratio Lower Upper
93 100
63 71.1 52.8 92.8
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.285 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:146 Resp: 221837
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 33.3 28.2 42.2

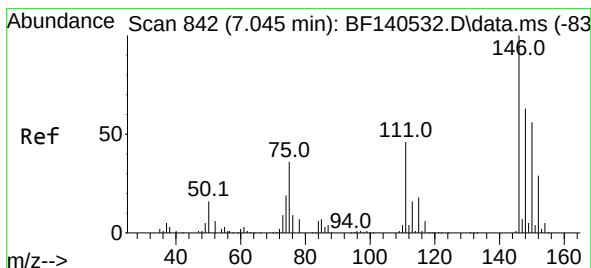
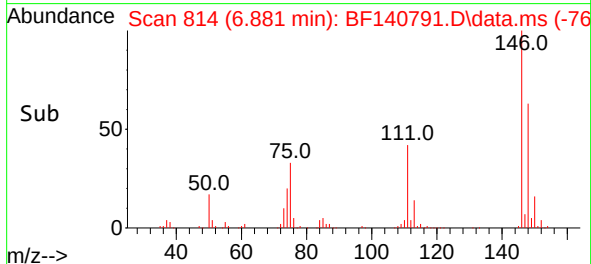
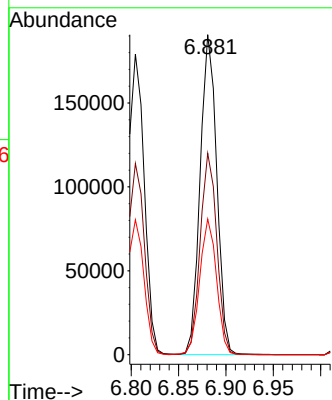
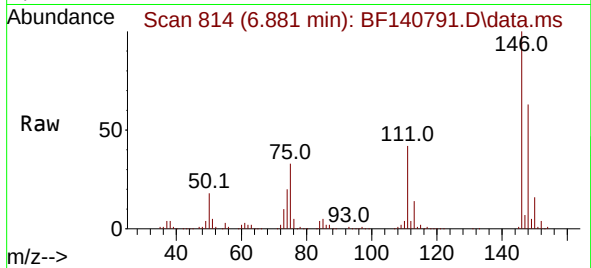




#13
1,4-Dichlorobenzene
Concen: 40.784 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

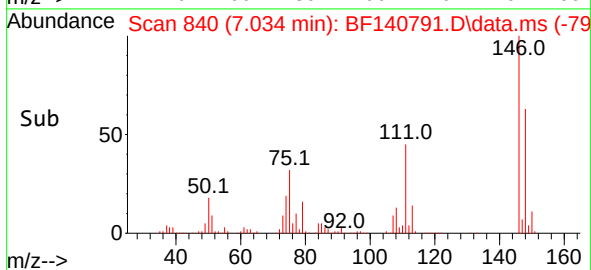
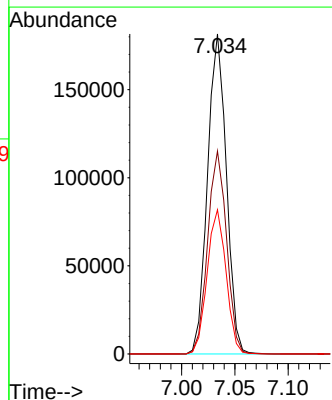
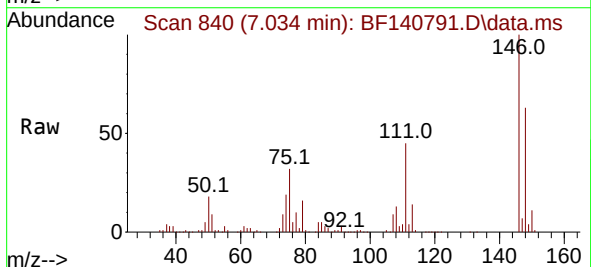
Instrument :
BNA_F
ClientSampleId :
MH-764MS

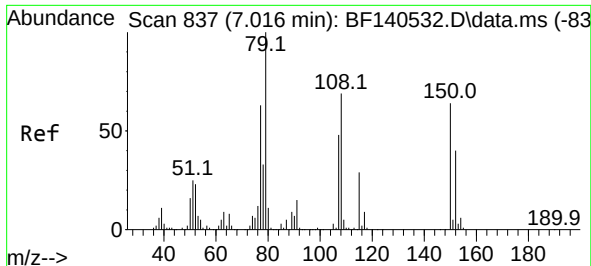
Tgt Ion:146 Resp: 233191
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 42.4 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 41.730 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:146 Resp: 223579
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 45.1 36.7 55.1

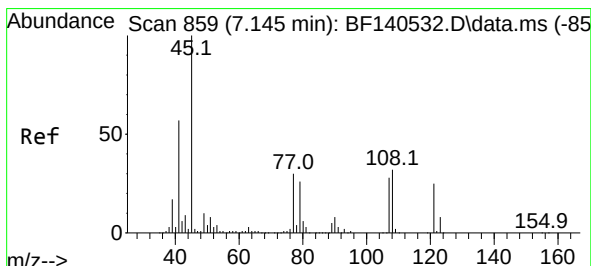
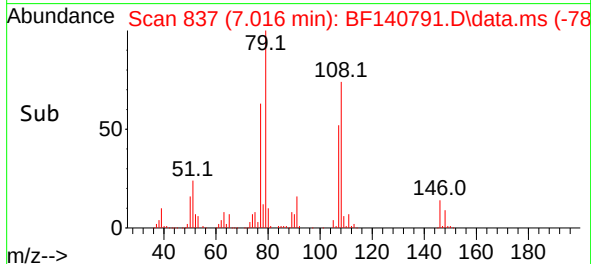
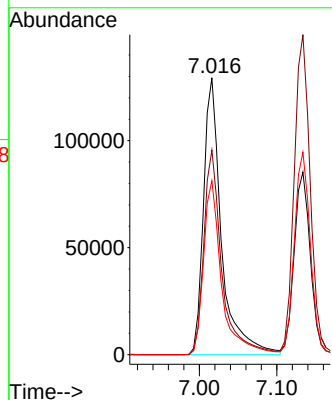
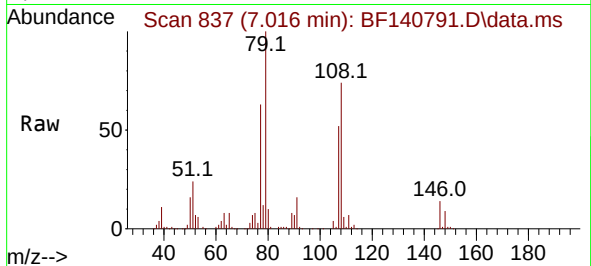




#15
Benzyl Alcohol
Concen: 45.779 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

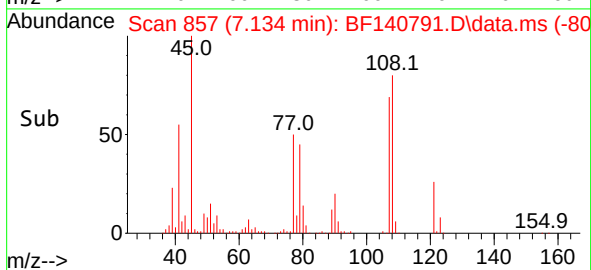
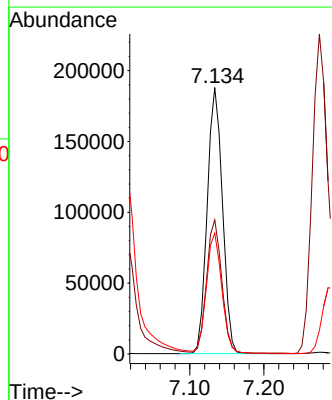
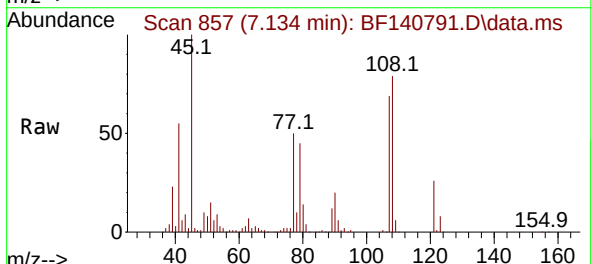
Instrument :
BNA_F
ClientSampleId :
MH-764MS

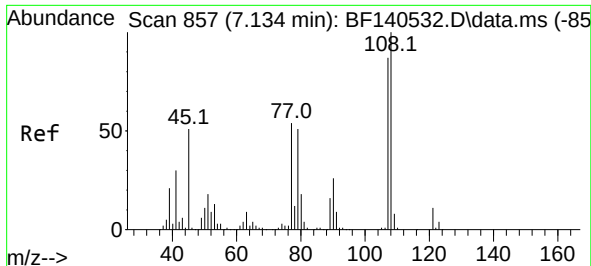
Tgt Ion: 79 Resp: 209652
Ion Ratio Lower Upper
79 100
108 73.9 55.0 82.6
77 62.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.021 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 45 Resp: 268087
Ion Ratio Lower Upper
45 100
77 50.3 10.7 50.7
79 45.4 7.0 47.0

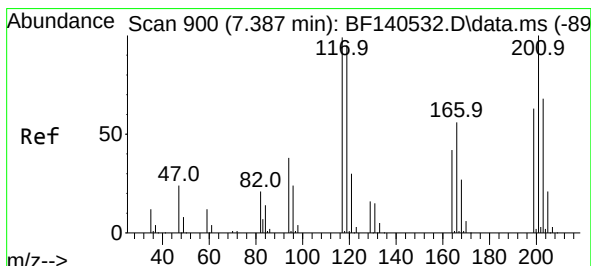
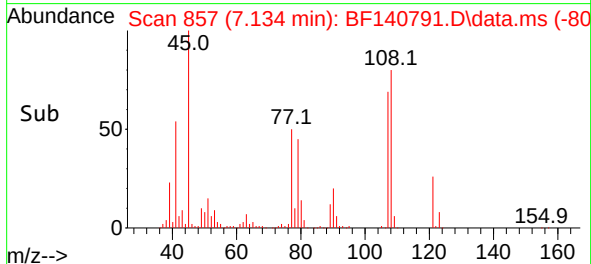
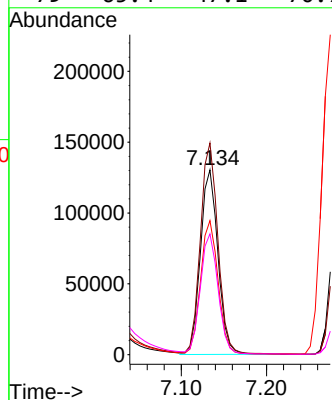
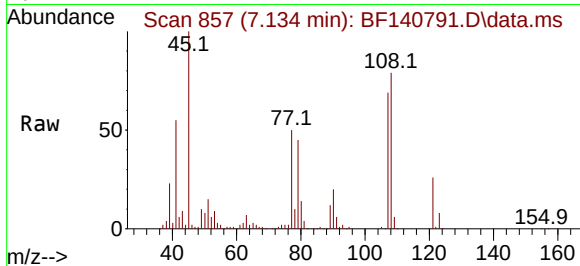




#17
2-Methylphenol
Concen: 46.305 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

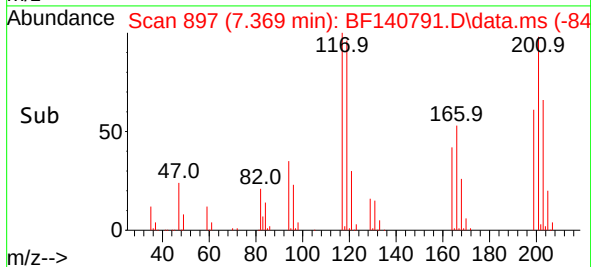
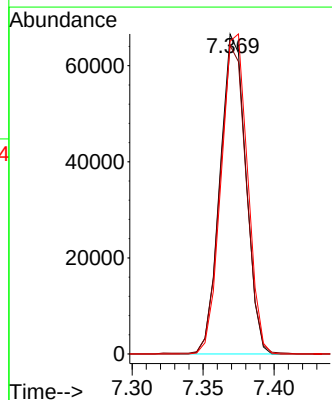
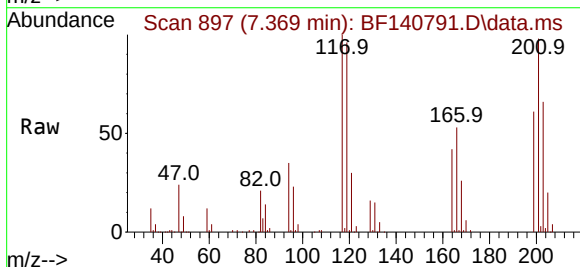
Instrument :
BNA_F
ClientSampleId :
MH-764MS

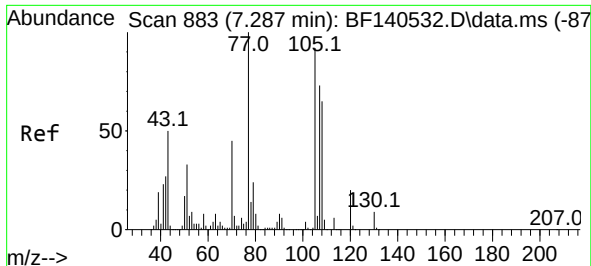
Tgt Ion:	107	Resp:	186280
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	72.5	49.3	73.9
79	65.4	47.1	70.7



#18
Hexachloroethane
Concen: 39.420 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:	117	Resp:	84181
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	97.8	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.778 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 70 Resp: 174376

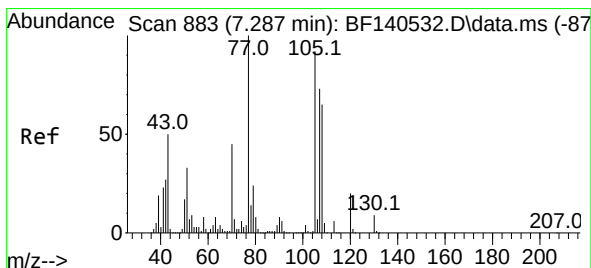
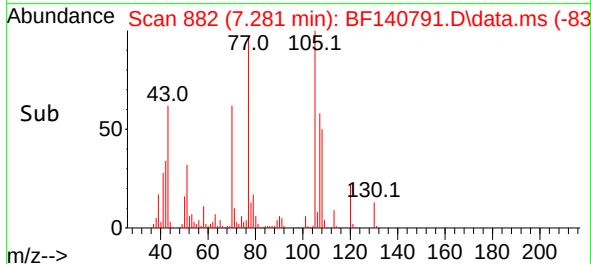
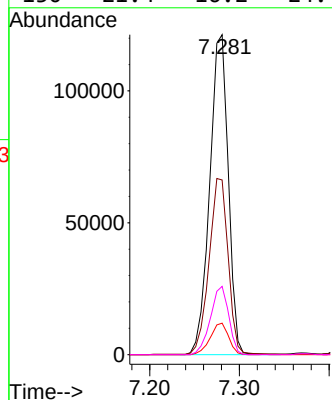
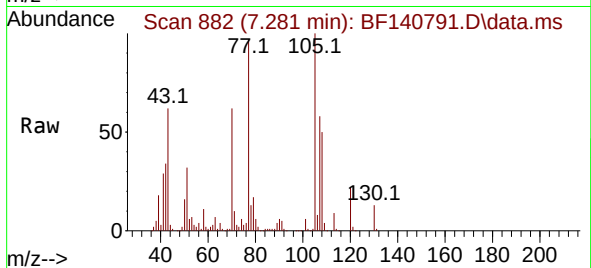
Ion Ratio Lower Upper

70 100

42 54.6 47.6 71.4

101 9.8 7.6 11.4

130 21.4 16.2 24.4



#20

3+4-Methylphenols

Concen: 48.408 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion:107 Resp: 250308

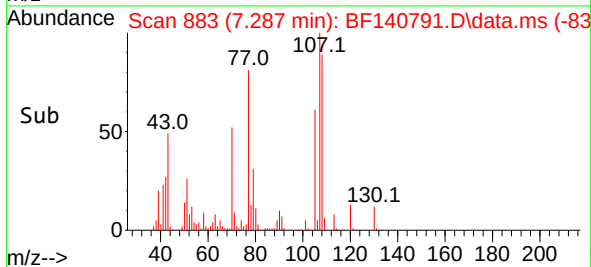
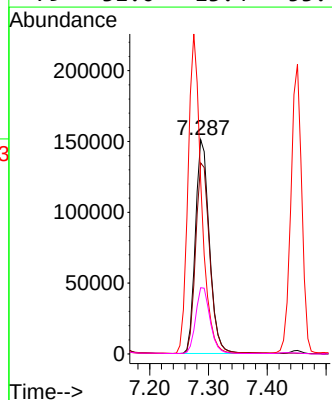
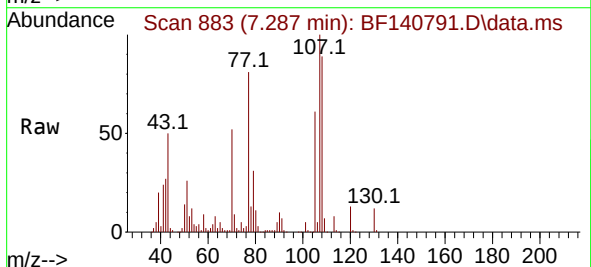
Ion Ratio Lower Upper

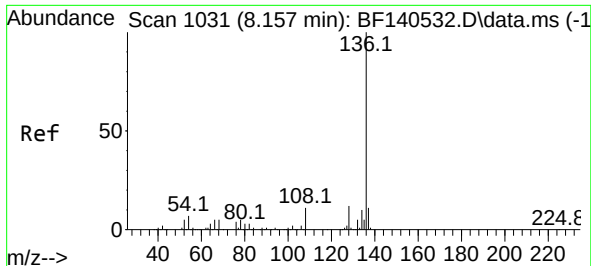
107 100

108 89.2 69.9 109.9

77 80.7 117.7 157.7#

79 31.0 13.4 53.4

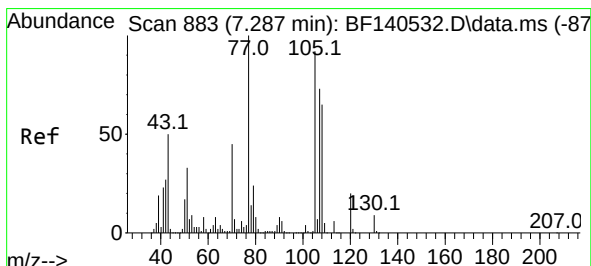
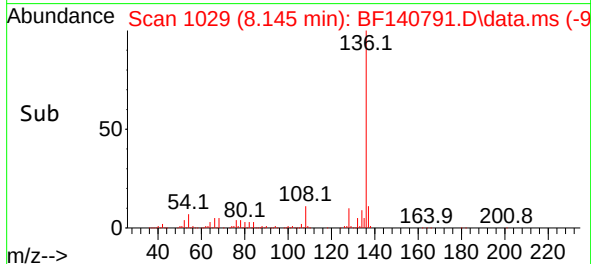
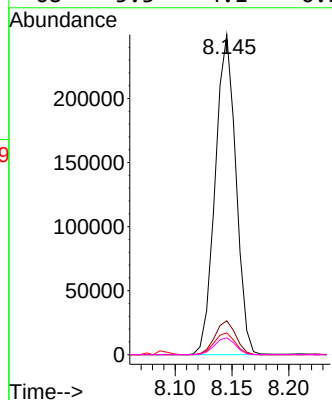
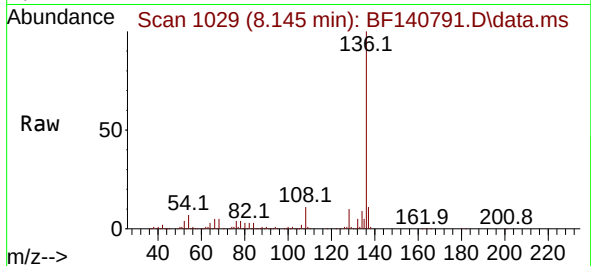




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

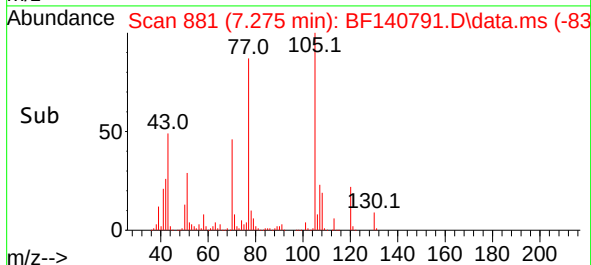
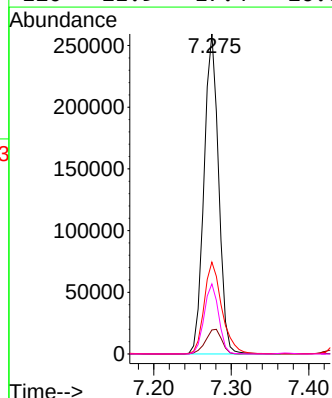
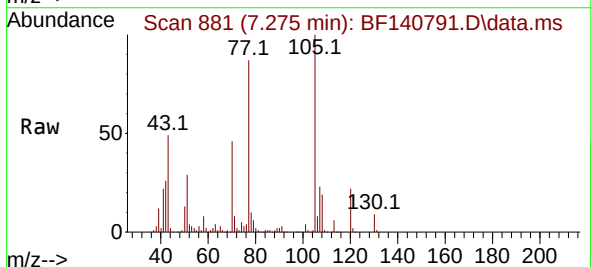
Instrument :
BNA_F
ClientSampleId :
MH-764MS

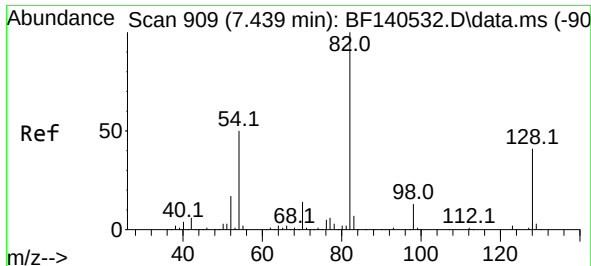
Tgt Ion:136	Resp: 316728
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 6.8	5.8 8.8
68 5.3	4.1 6.1



#22
Acetophenone
Concen: 43.976 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt	Ion:105	Resp:	339568
Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.2	9.2
51	28.7	29.0	43.6#
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 88.178 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

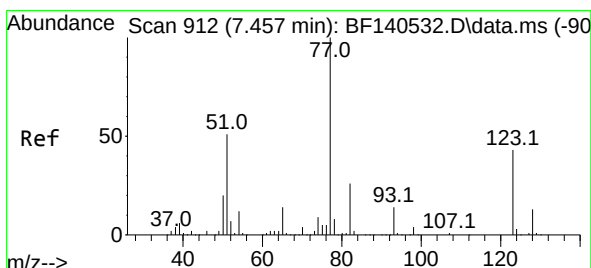
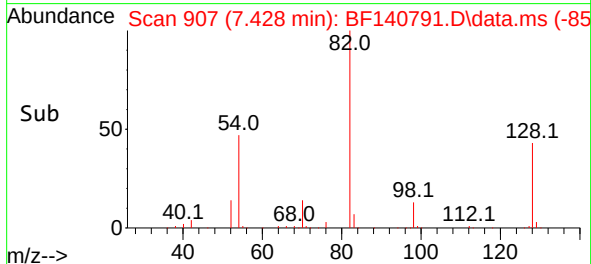
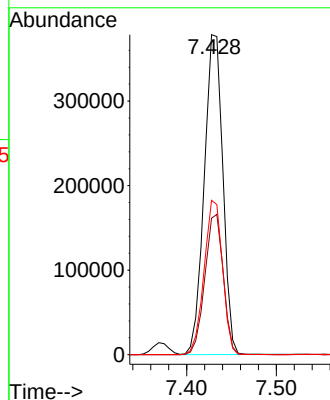
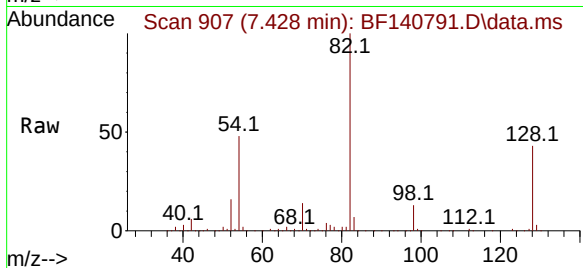
Tgt Ion: 82 Resp: 546010

Ion Ratio Lower Upper

82 100

128 42.7 33.0 49.4

54 48.2 39.5 59.3



#24

Nitrobenzene

Concen: 41.026 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

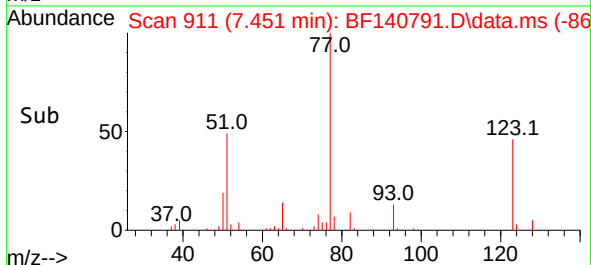
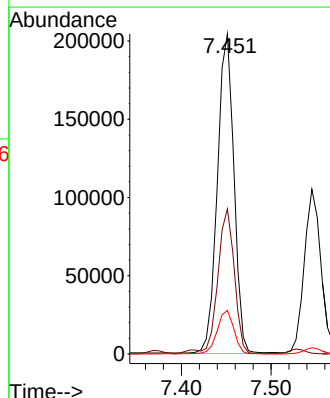
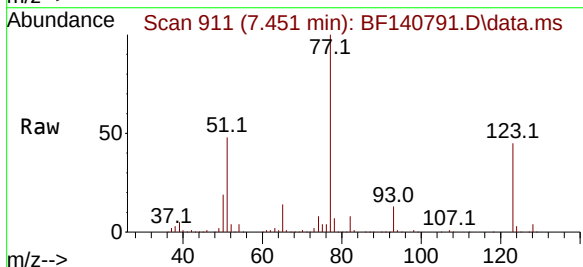
Tgt Ion: 77 Resp: 262554

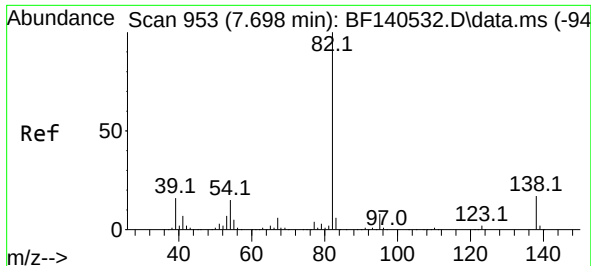
Ion Ratio Lower Upper

77 100

123 45.4 34.3 51.5

65 13.6 11.2 16.8

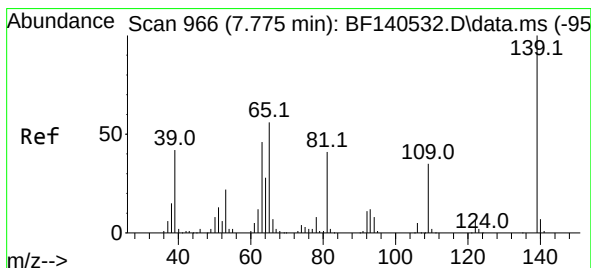
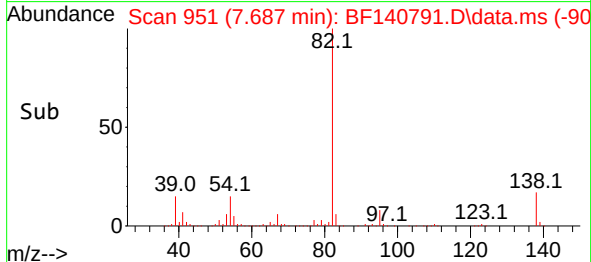
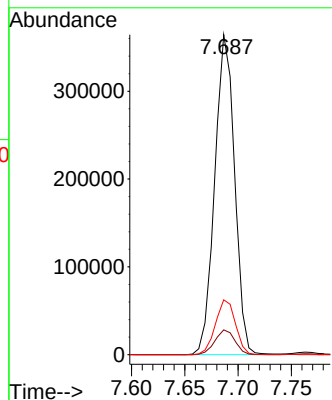
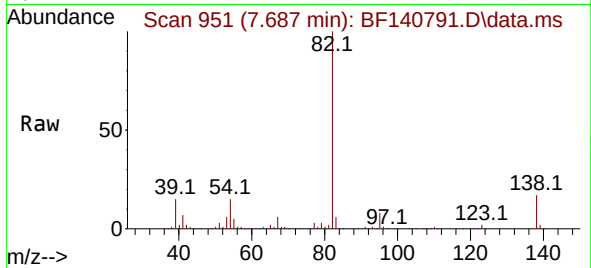




#25
Isophorone
Concen: 45.759 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

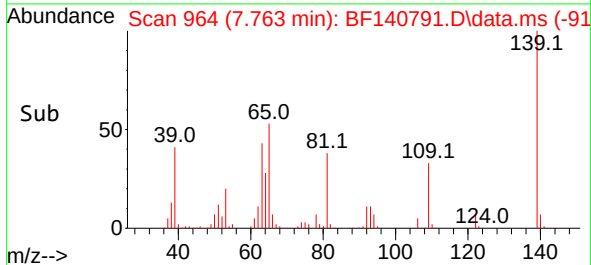
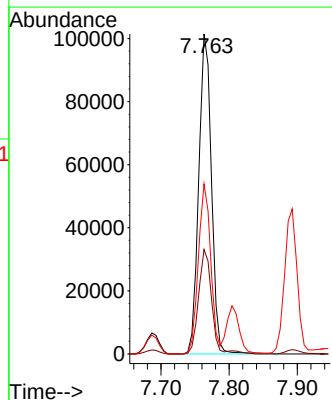
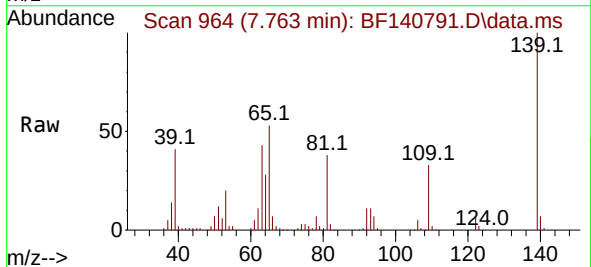
Instrument :
BNA_F
ClientSampleId :
MH-764MS

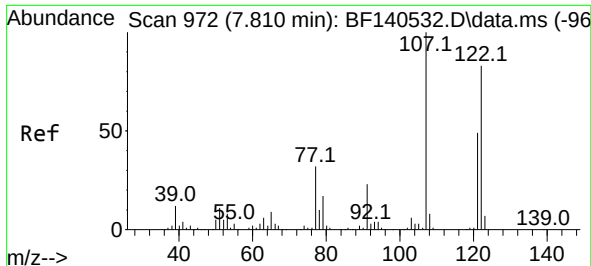
Tgt Ion: 82 Resp: 472592
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 46.041 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:139 Resp: 130576
Ion Ratio Lower Upper
139 100
109 32.7 28.0 42.0
65 53.1 44.6 67.0

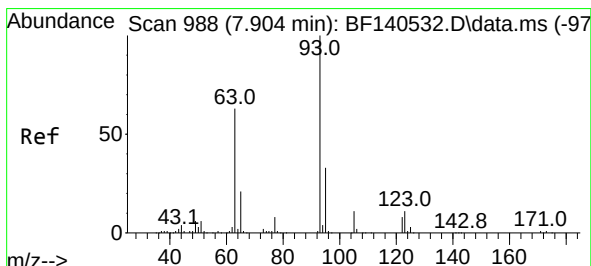
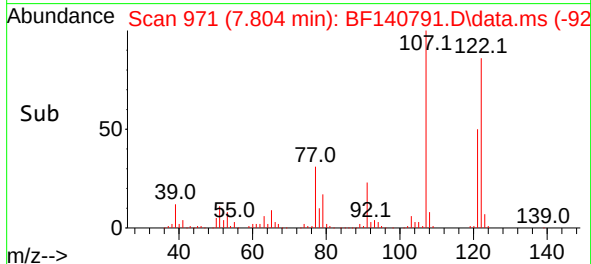
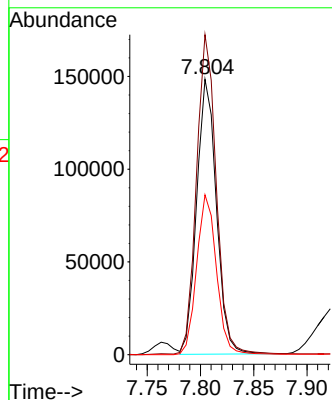
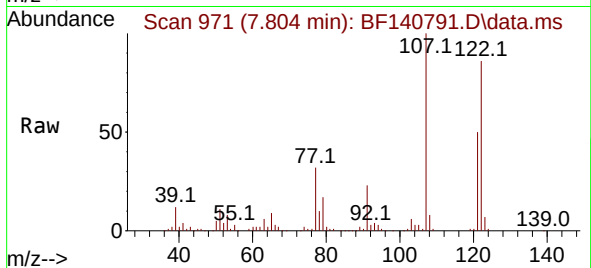




#27
2,4-Dimethylphenol
Concen: 56.444 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

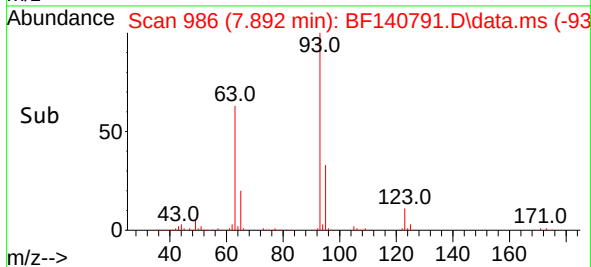
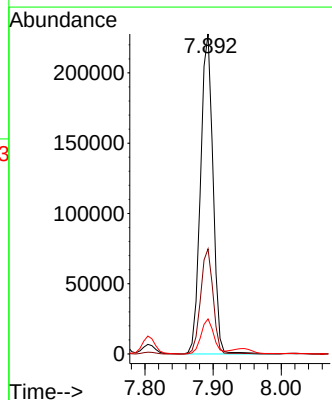
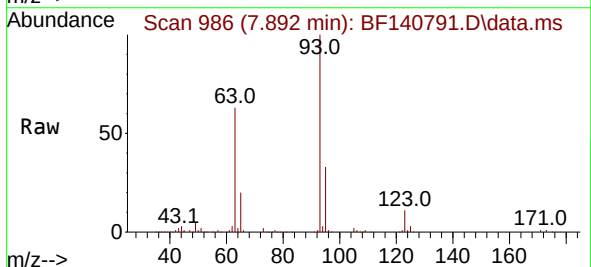
Instrument :
BNA_F
ClientSampleId :
MH-764MS

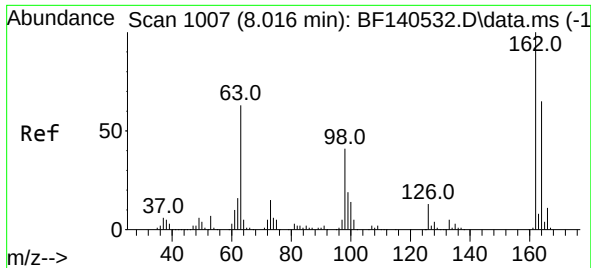
Tgt Ion:122 Resp: 191531
Ion Ratio Lower Upper
122 100
107 116.2 96.8 145.2
121 58.0 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.084 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 93 Resp: 289953
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.919 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

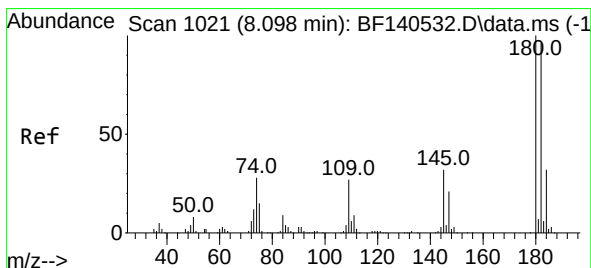
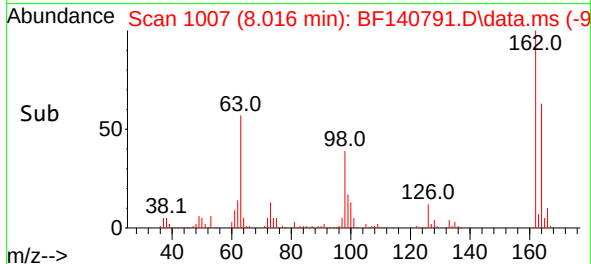
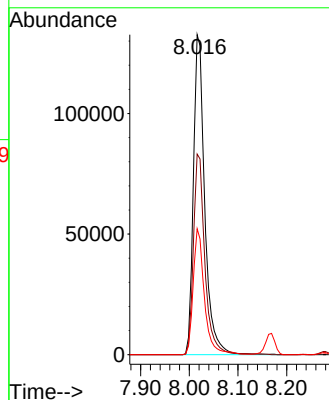
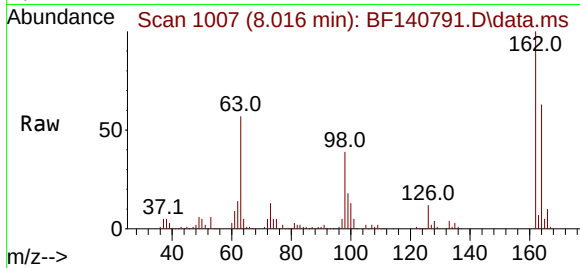
Tgt Ion:162 Resp: 215461

Ion Ratio Lower Upper

162 100

164 62.7 44.8 84.8

98 39.3 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 41.456 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

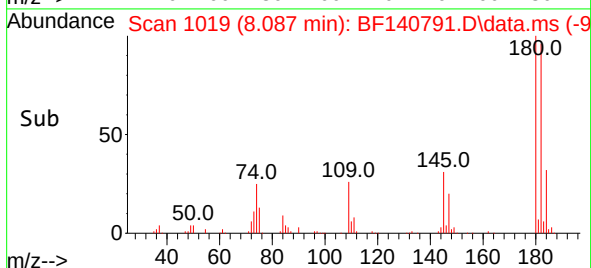
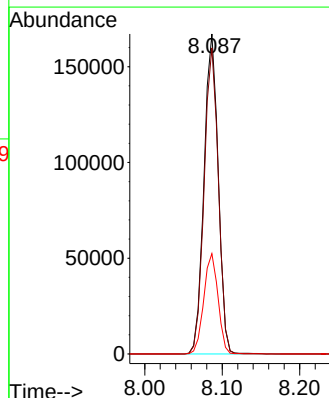
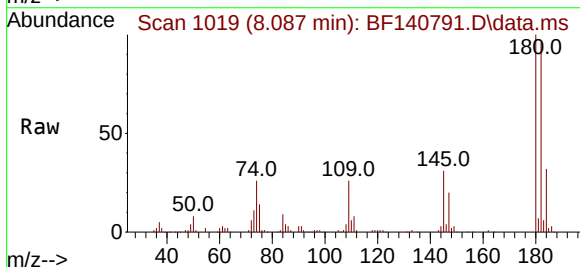
Tgt Ion:180 Resp: 212827

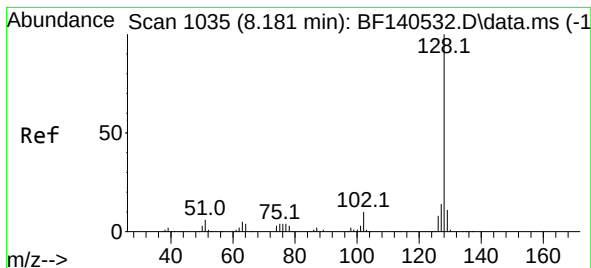
Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

145 31.4 25.9 38.9





#31

Naphthalene

Concen: 44.185 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

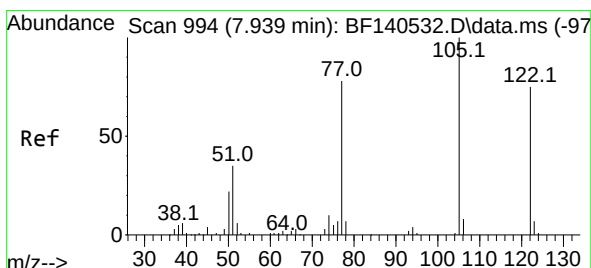
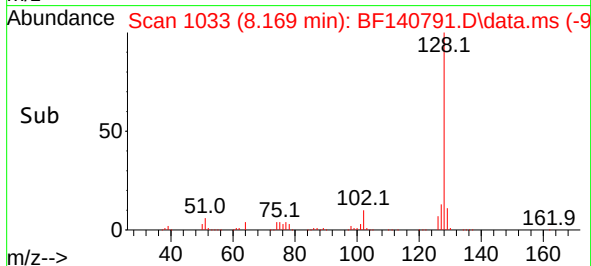
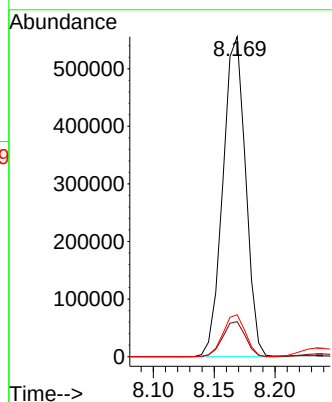
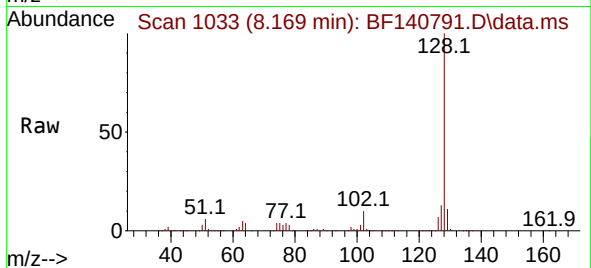
Tgt Ion:128 Resp: 720847

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 42.344 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

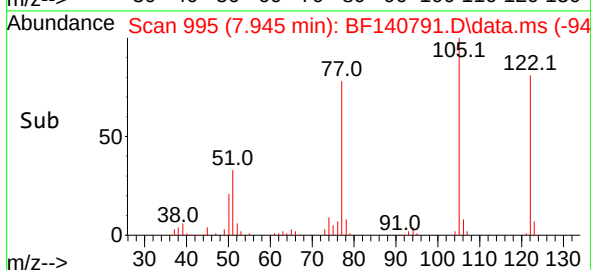
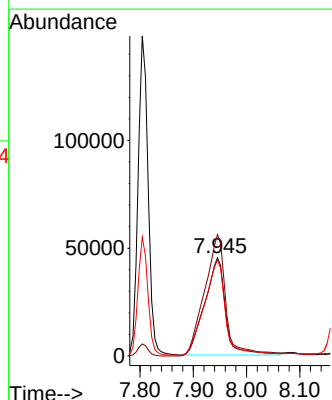
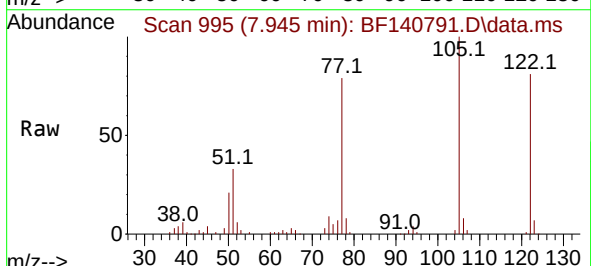
Tgt Ion:122 Resp: 122093

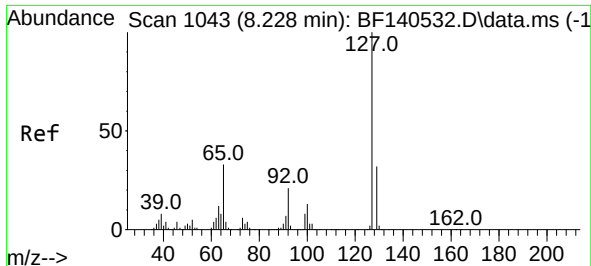
Ion Ratio Lower Upper

122 100

105 123.6 109.3 149.3

77 98.0 82.3 122.3

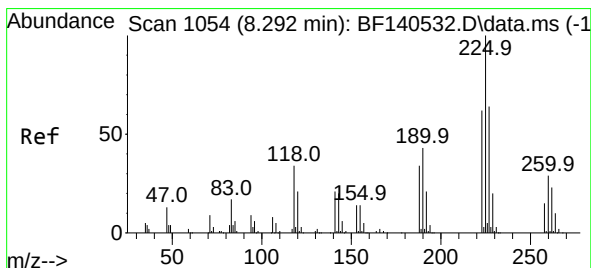
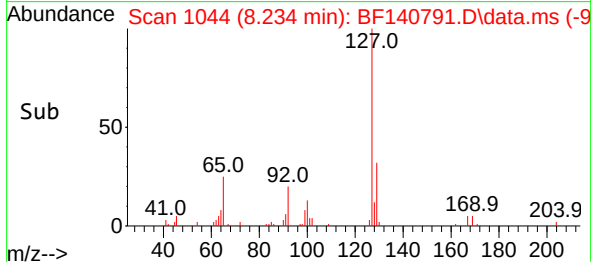
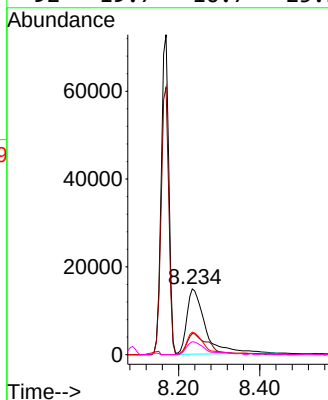
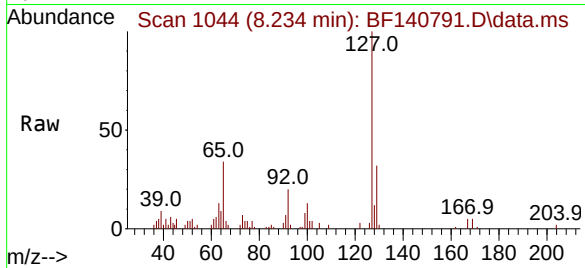




#33
4-Chloroaniline
Concen: 9.696 ng
RT: 8.234 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

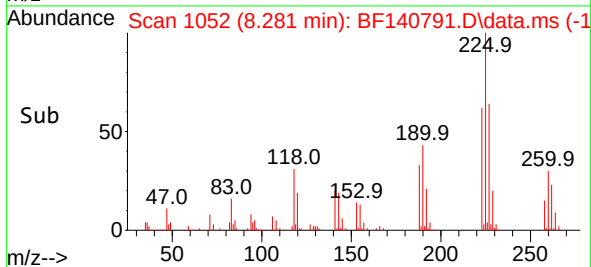
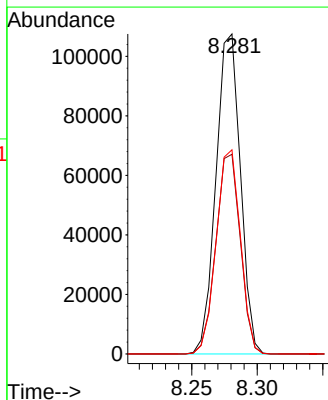
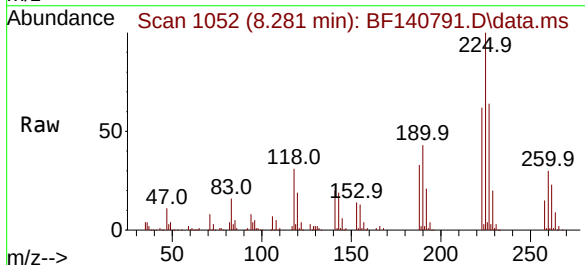
Instrument :
BNA_F
ClientSampleId :
MH-764MS

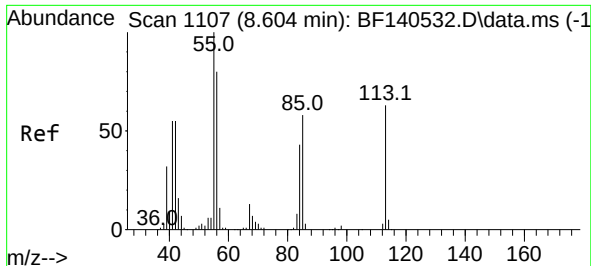
Tgt Ion:	127	Resp:	47362
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	34.3	26.0	39.0
92	19.7	16.7	25.1



#34
Hexachlorobutadiene
Concen: 40.953 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:	225	Resp:	139257
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	63.8	51.3	76.9

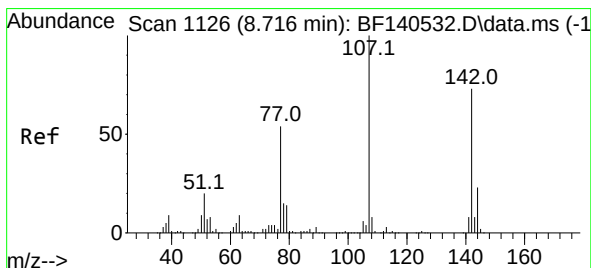
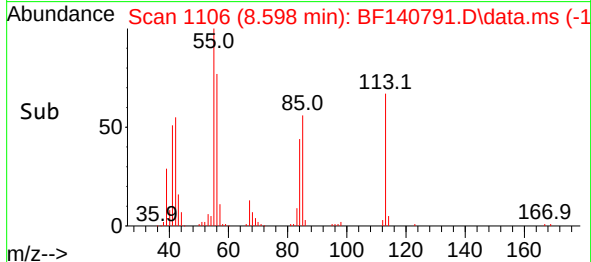
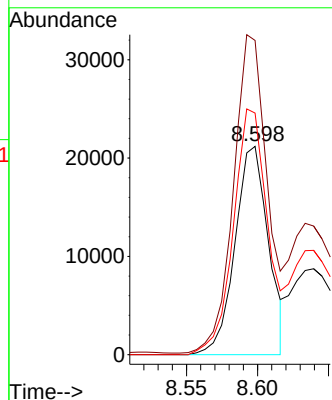
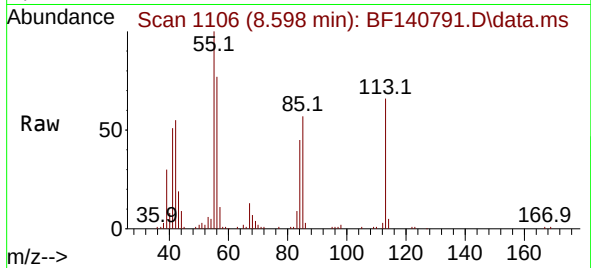




#35
 Caprolactam
 Concen: 24.891 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

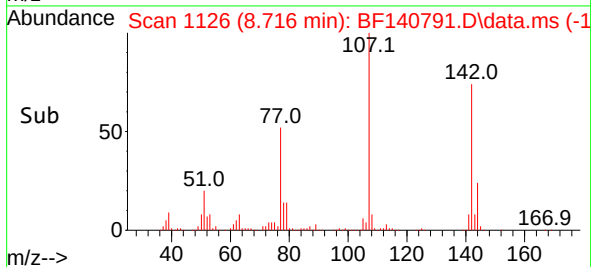
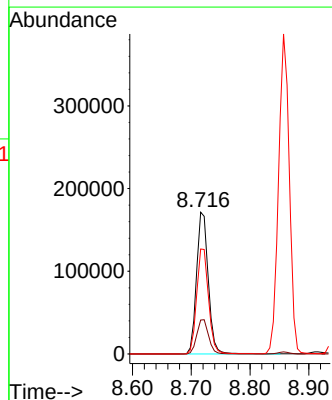
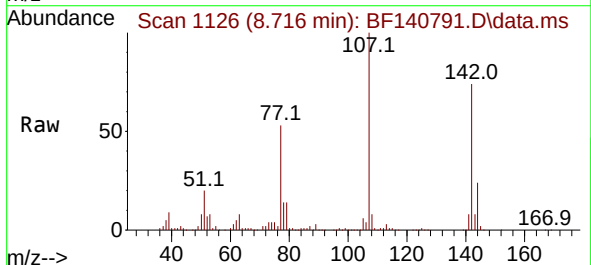
Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

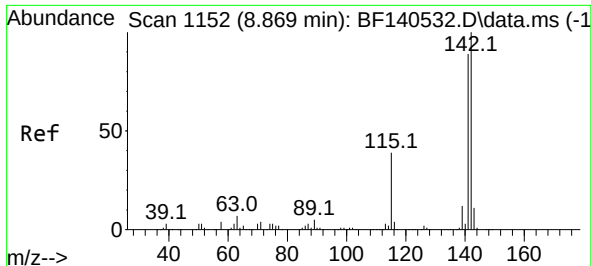
Tgt Ion:113 Resp: 34636
 Ion Ratio Lower Upper
 113 100
 55 150.8 137.7 177.7
 56 116.0 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.254 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

Tgt Ion:107 Resp: 237890
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.7 28.1
 142 74.1 58.3 87.5

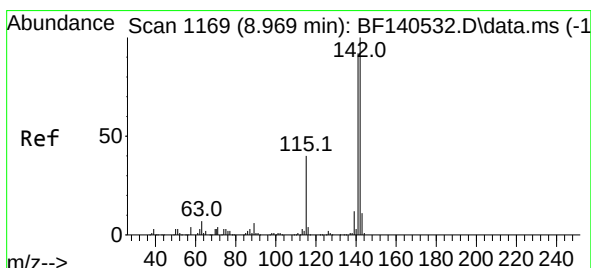
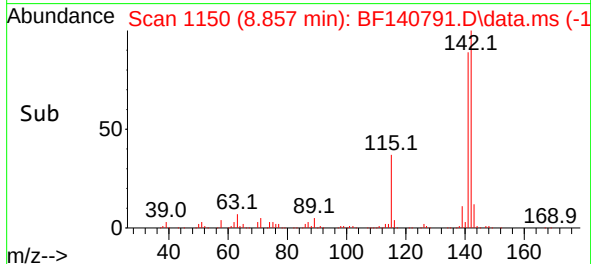
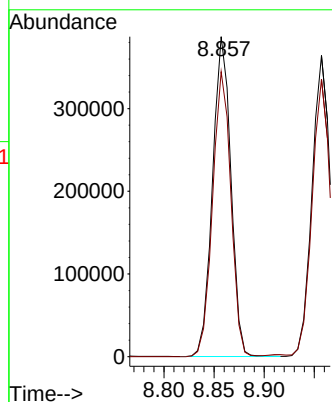
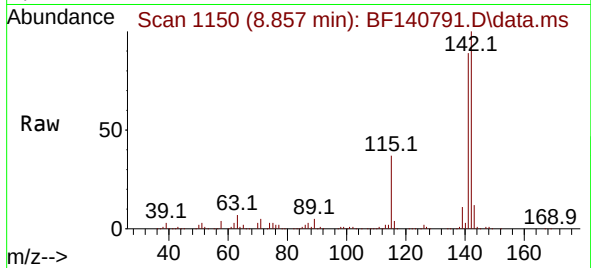




#37
2-Methylnaphthalene
Concen: 47.435 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

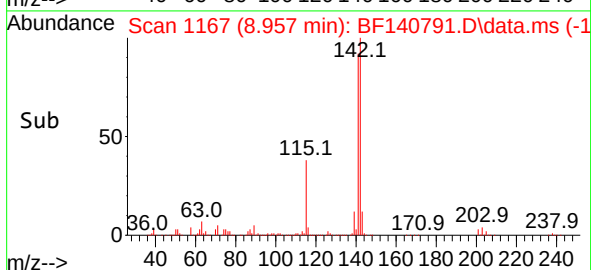
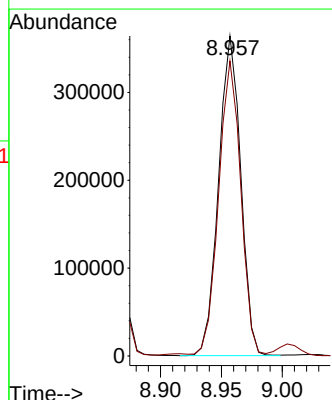
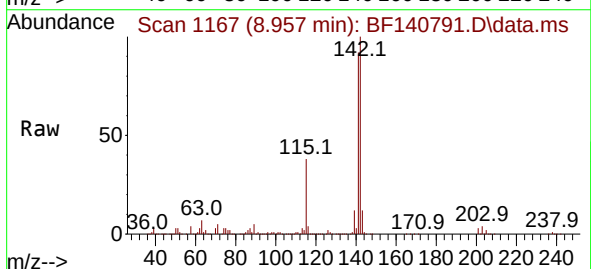
Instrument :
BNA_F
ClientSampleId :
MH-764MS

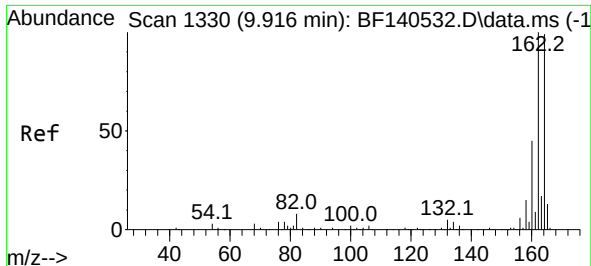
Tgt Ion:142 Resp: 491532
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6



#38
1-Methylnaphthalene
Concen: 45.311 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:142 Resp: 460226
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9

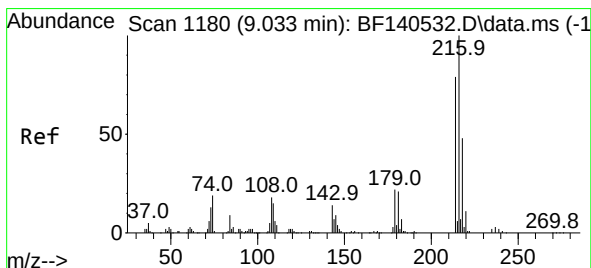
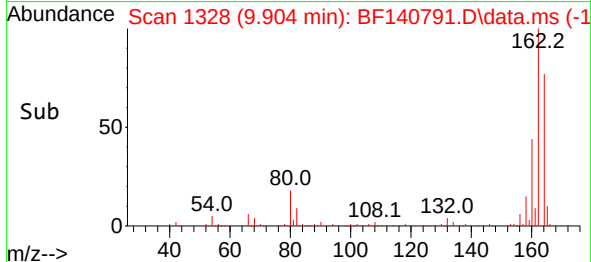
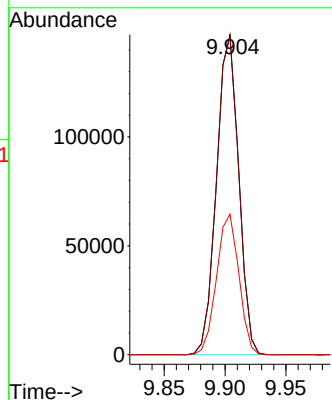
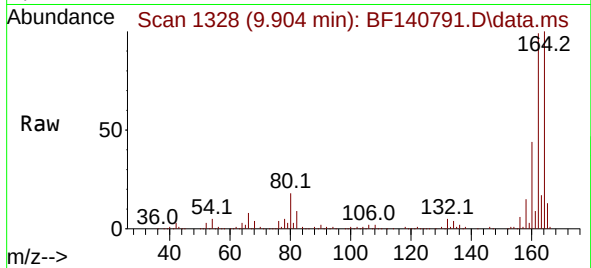




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

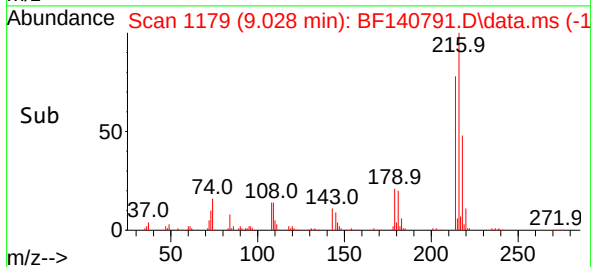
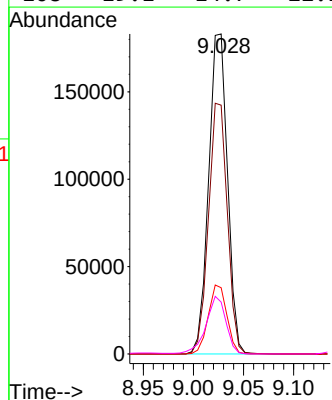
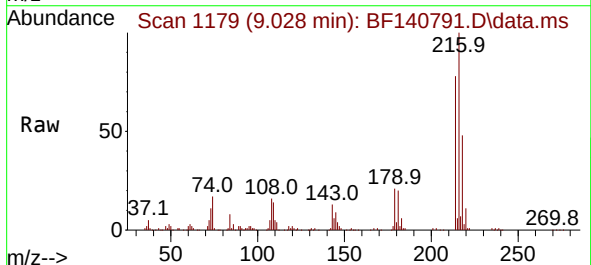
Instrument :
BNA_F
ClientSampleId :
MH-764MS

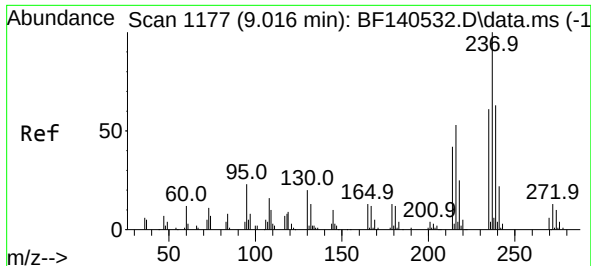
Tgt Ion:164 Resp: 186143
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 43.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.042 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:216 Resp: 240002
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 21.2 17.5 26.3
108 19.1 14.7 22.1

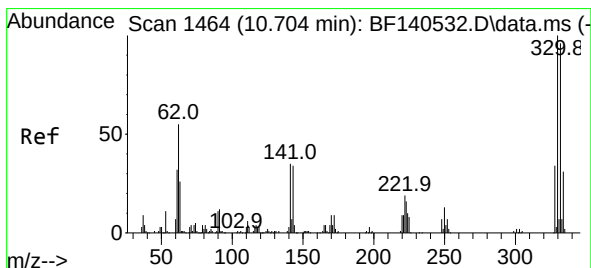
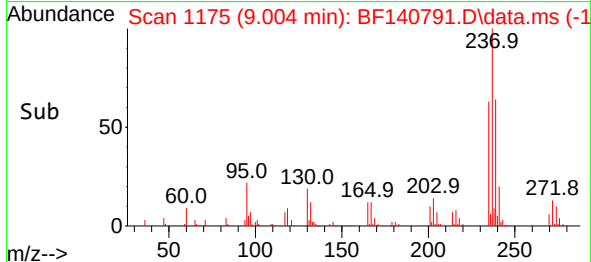
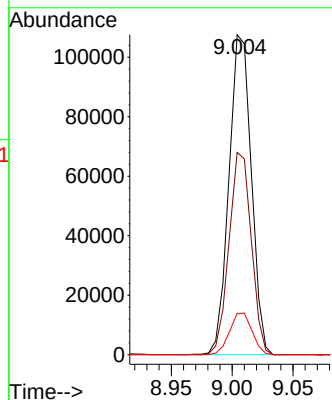
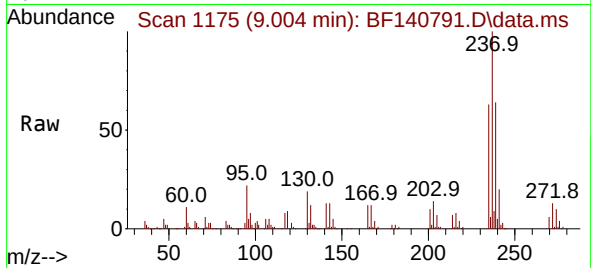




#41
Hexachlorocyclopentadiene
Concen: 109.360 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

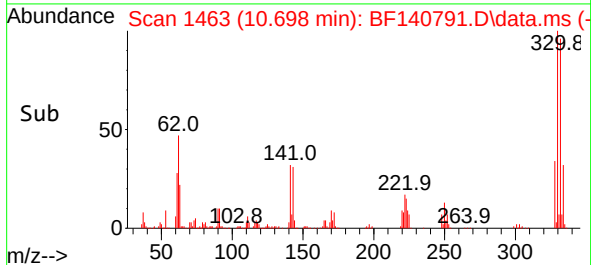
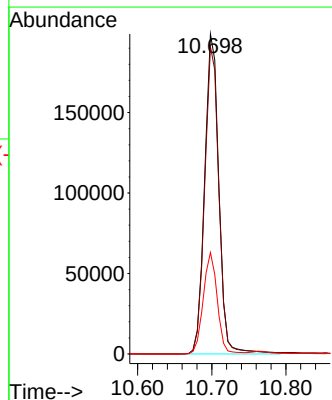
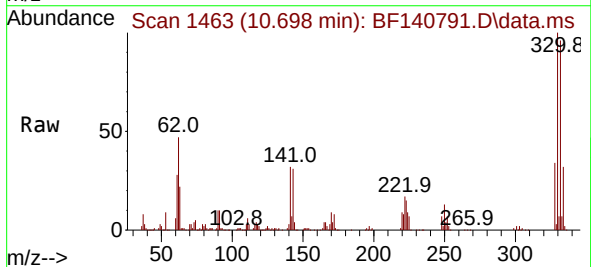
Instrument :
BNA_F
ClientSampleId :
MH-764MS

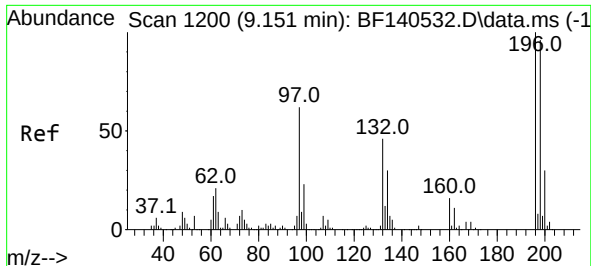
Tgt Ion:237 Resp: 137561
Ion Ratio Lower Upper
237 100
235 63.2 41.1 81.1
272 12.9 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 133.586 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:330 Resp: 265944
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 31.1 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 45.270 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

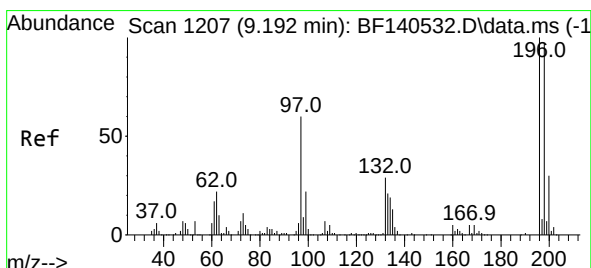
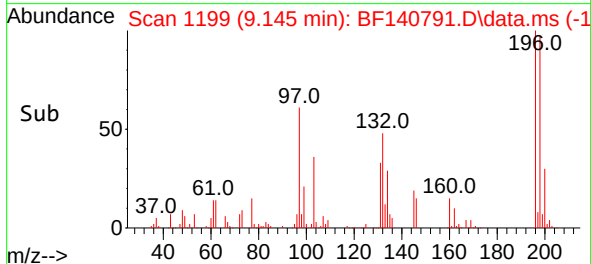
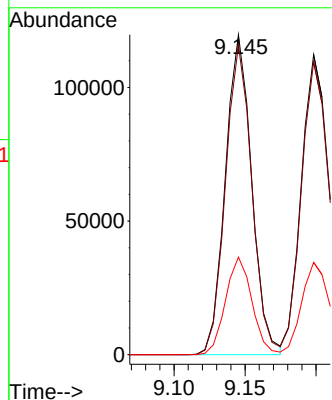
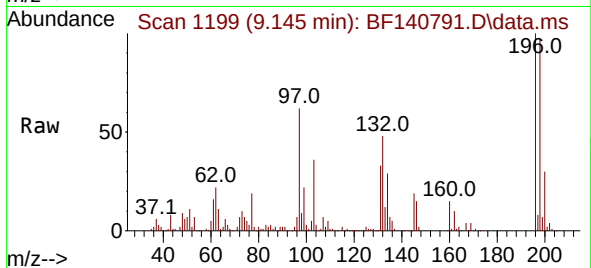
Tgt Ion:196 Resp: 154798

Ion Ratio Lower Upper

196 100

198 96.7 76.8 115.2

200 30.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 44.118 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion:196 Resp: 163723

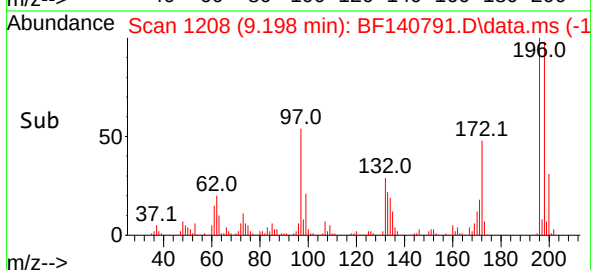
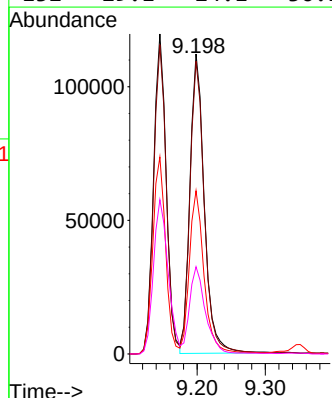
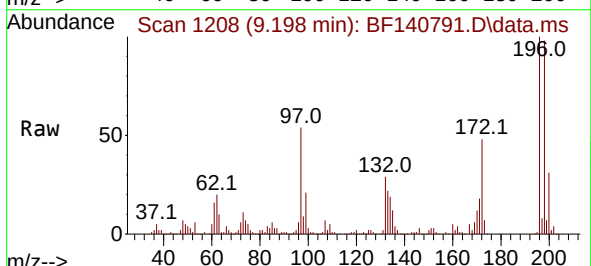
Ion Ratio Lower Upper

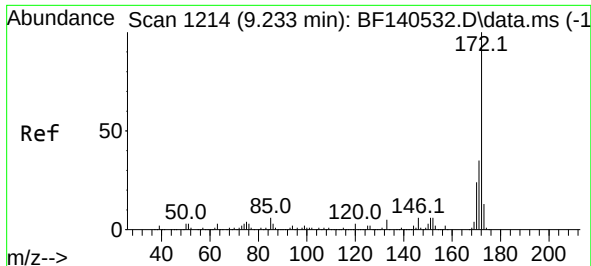
196 100

198 97.6 77.2 115.8

97 54.4 47.1 70.7

132 29.1 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 89.225 ng

RT: 9.222 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

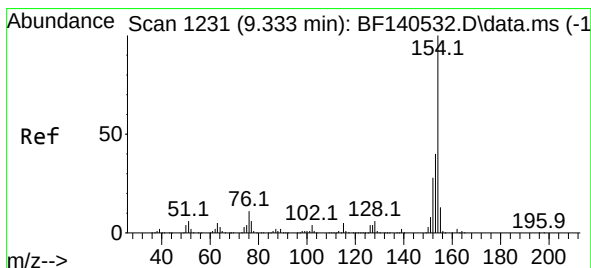
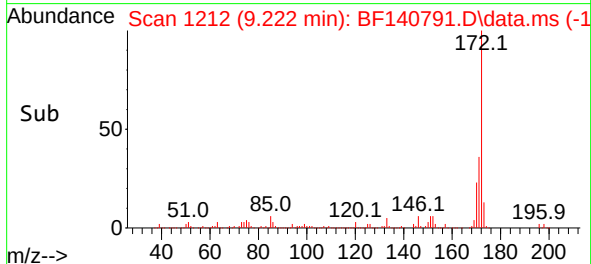
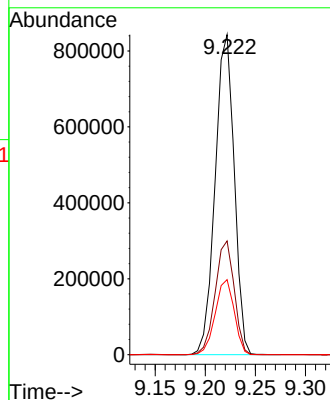
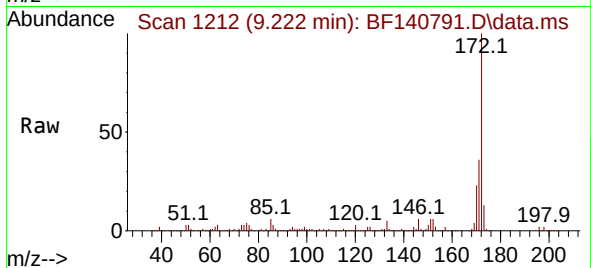
Tgt Ion:172 Resp: 1114709

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.004 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

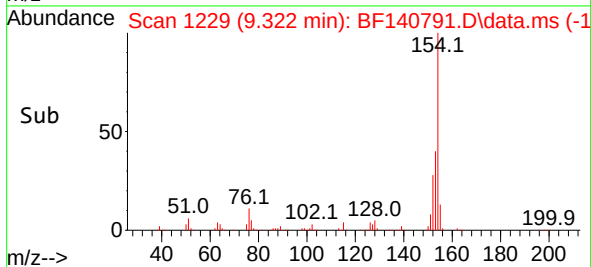
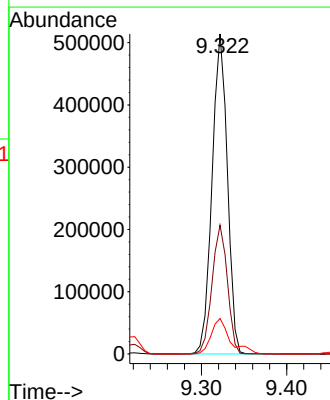
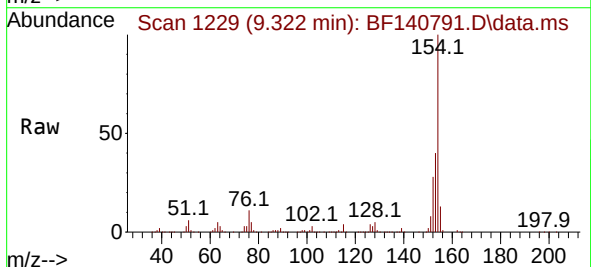
Tgt Ion:154 Resp: 639347

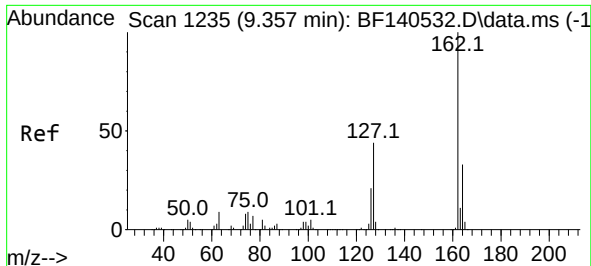
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.1 0.0 31.2

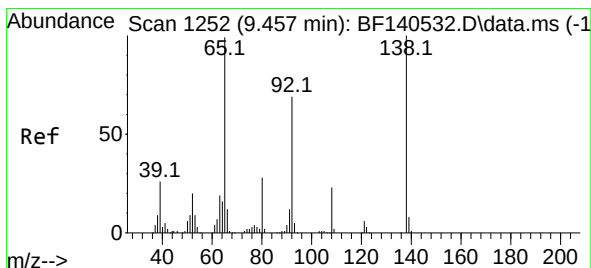
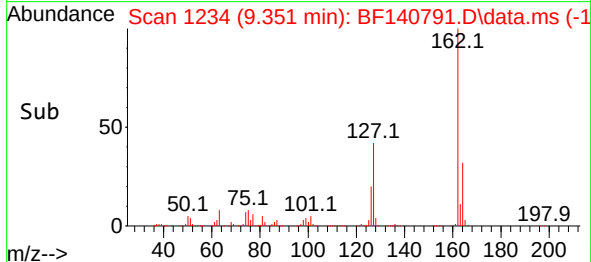
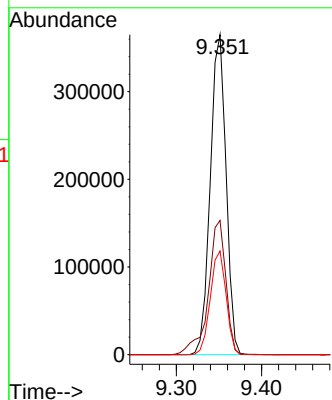
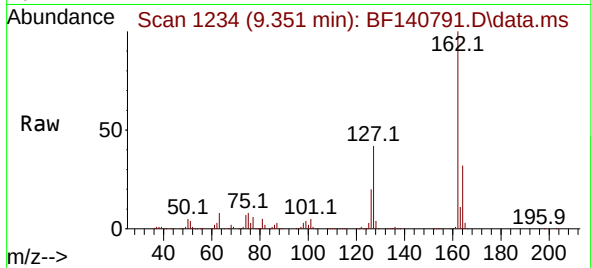




#47
2-Chloronaphthalene
Concen: 44.578 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

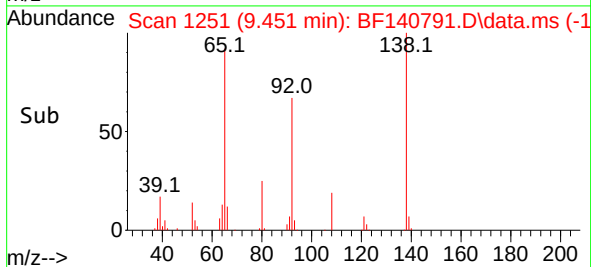
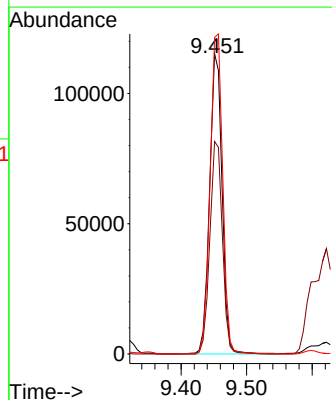
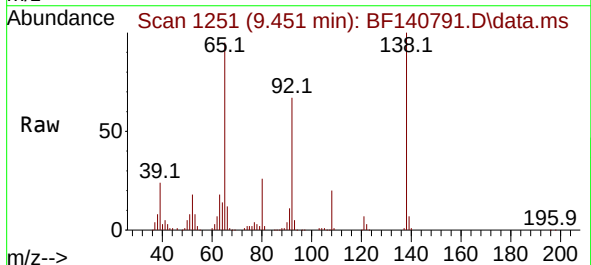
Instrument :
BNA_F
ClientSampleId :
MH-764MS

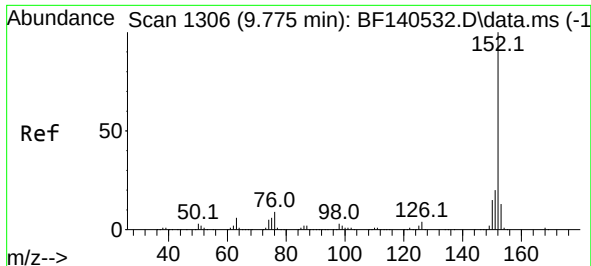
Tgt Ion:162 Resp: 469433
Ion Ratio Lower Upper
162 100
127 42.0 35.7 53.5
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 45.347 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 65 Resp: 153276
Ion Ratio Lower Upper
65 100
92 70.8 56.1 84.1
138 105.5 81.0 121.6





#49

Acenaphthylene

Concen: 48.438 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

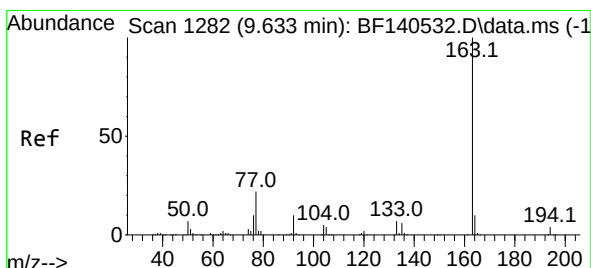
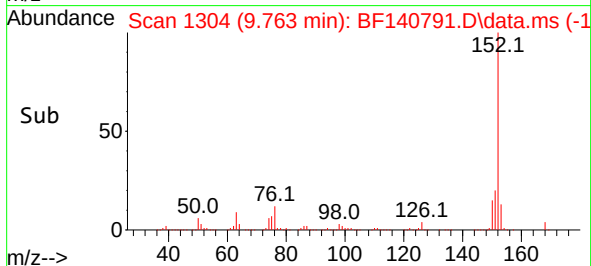
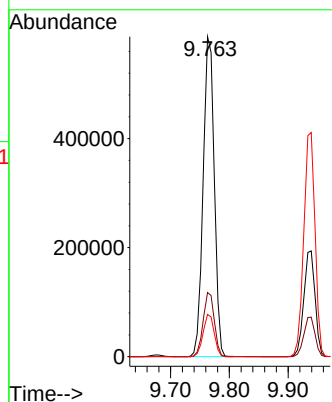
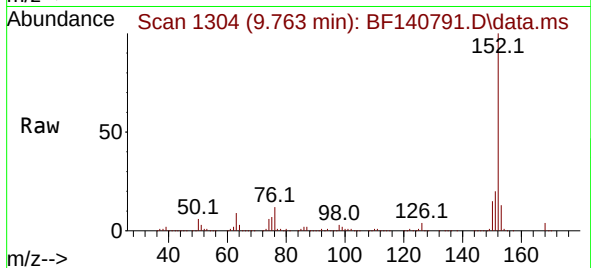
Tgt Ion:152 Resp: 770695

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 47.308 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

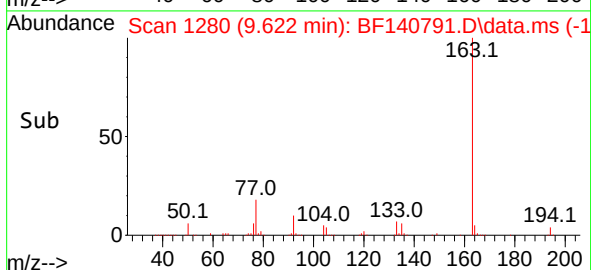
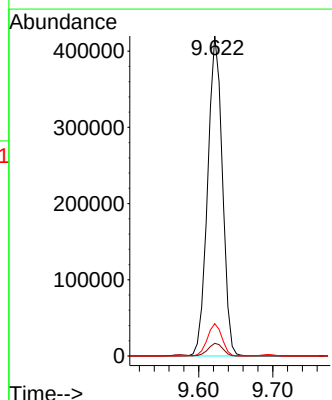
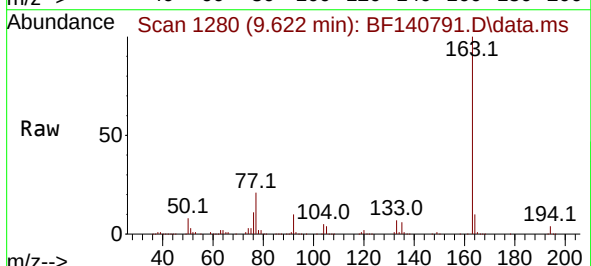
Tgt Ion:163 Resp: 579964

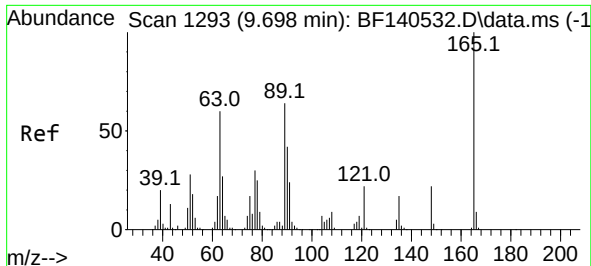
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.2

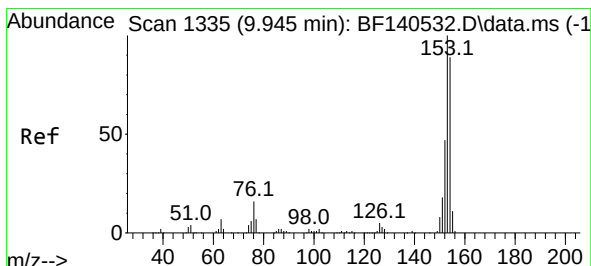
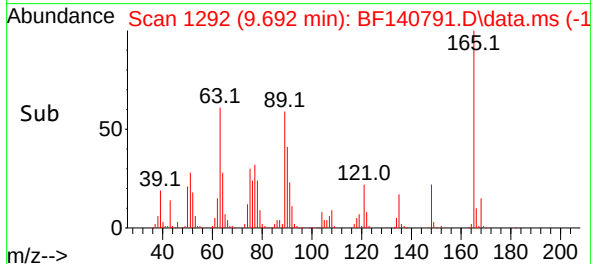
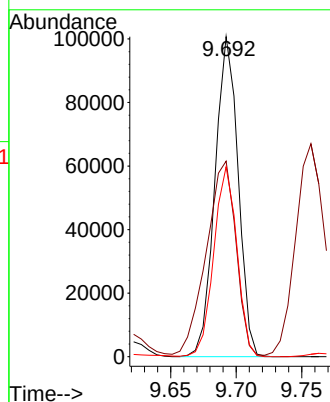
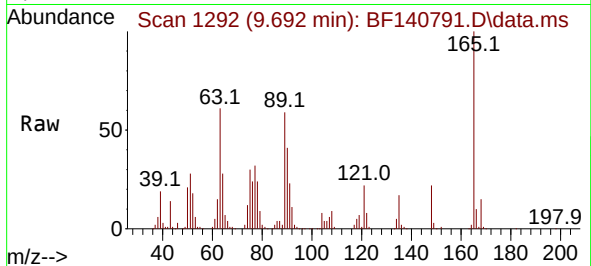




#51
2,6-Dinitrotoluene
Concen: 44.579 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

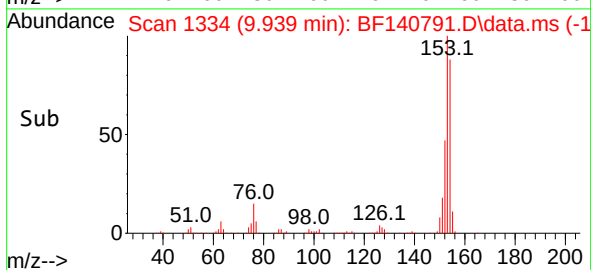
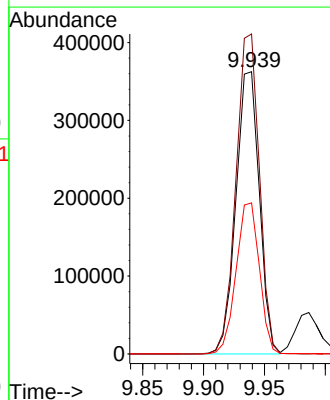
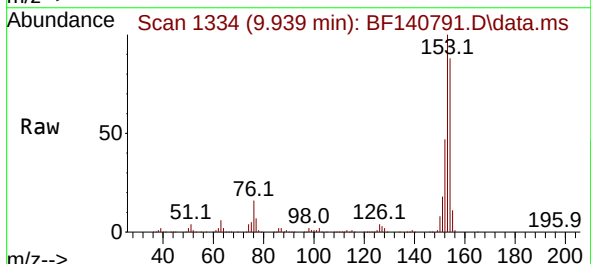
Instrument :
BNA_F
ClientSampleId :
MH-764MS

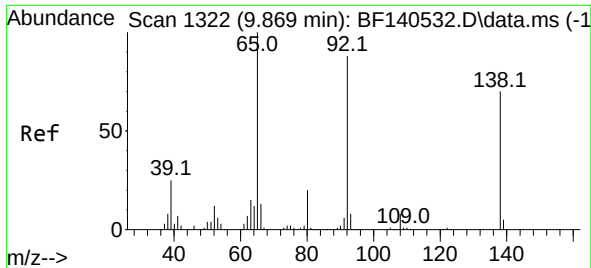
Tgt Ion:165 Resp: 123946
Ion Ratio Lower Upper
165 100
63 61.1 49.9 74.9
89 59.3 50.9 76.3



#52
Acenaphthene
Concen: 47.980 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:154 Resp: 485059
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 53.5 42.5 63.7

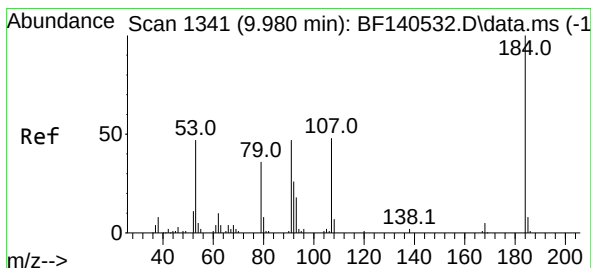
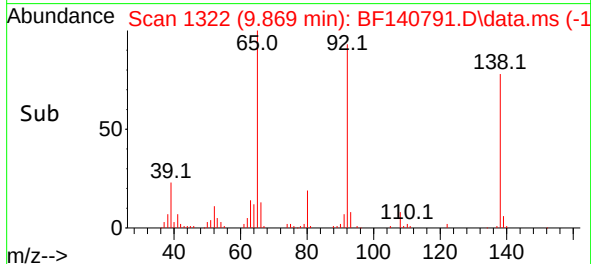
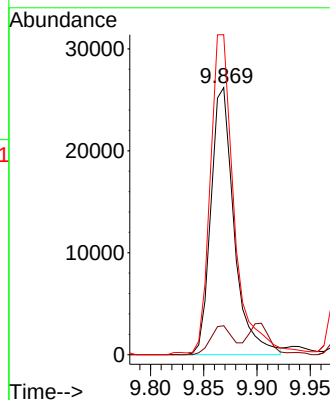
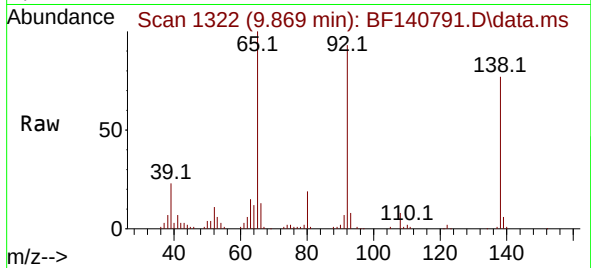




#53
3-Nitroaniline
Concen: 14.648 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

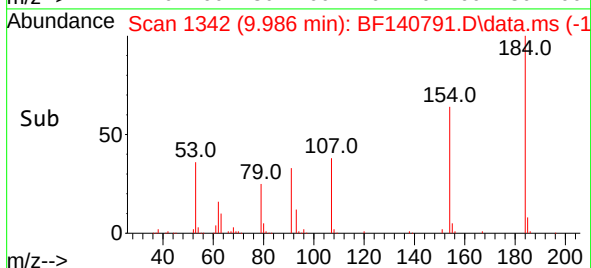
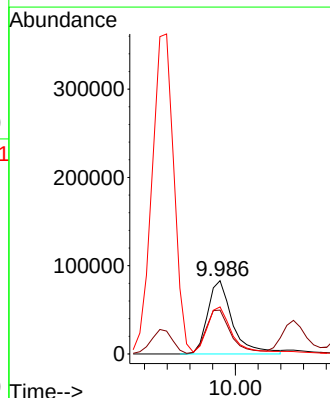
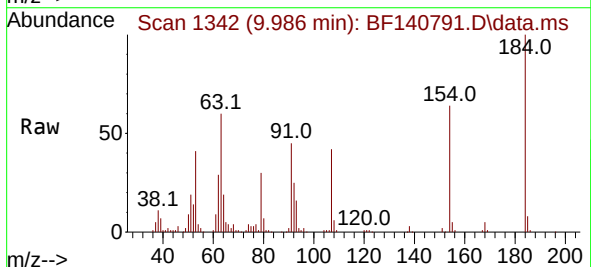
Instrument :
BNA_F
ClientSampleId :
MH-764MS

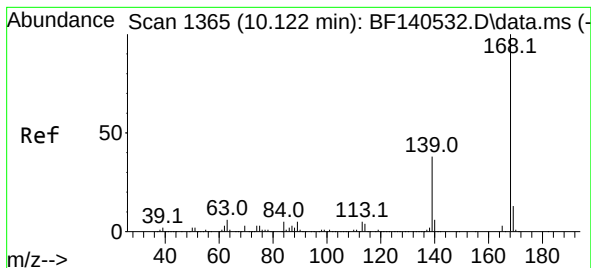
Tgt Ion:138 Resp: 39832
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 119.9 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 86.785 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:184 Resp: 126025
Ion Ratio Lower Upper
184 100
63 59.7 54.1 81.1
154 64.1 57.4 86.0





#55

Dibenzenofuran

Concen: 46.443 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

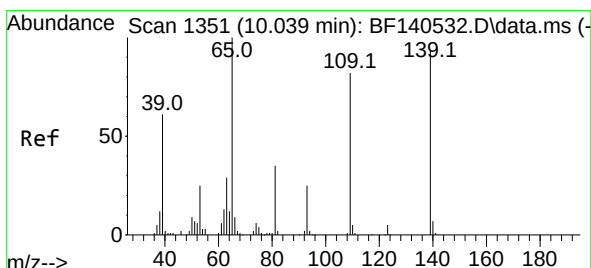
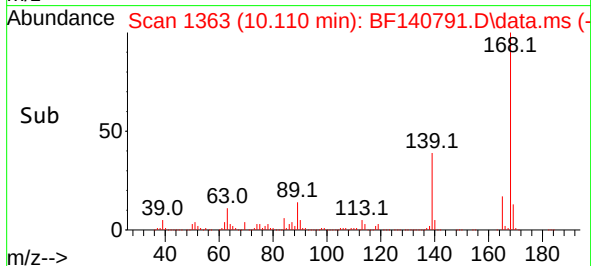
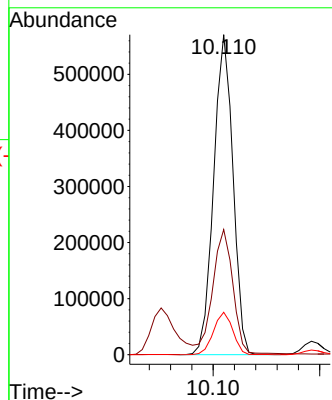
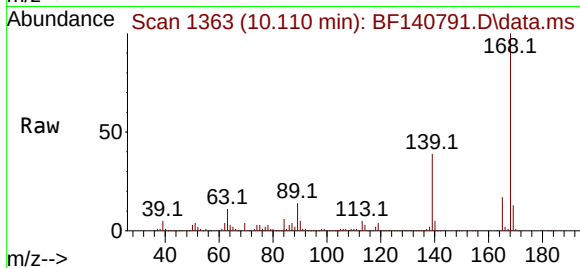
Tgt Ion:168 Resp: 716174

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 71.746 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

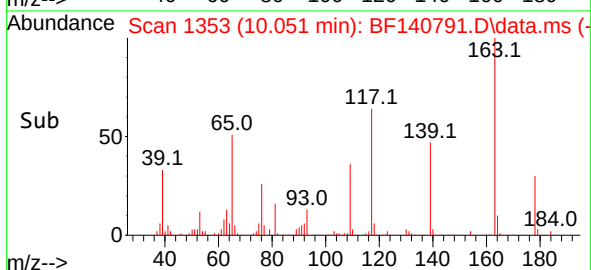
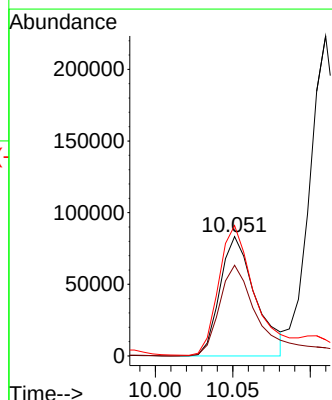
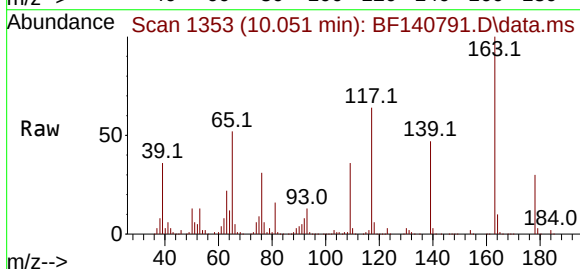
Tgt Ion:139 Resp: 133056

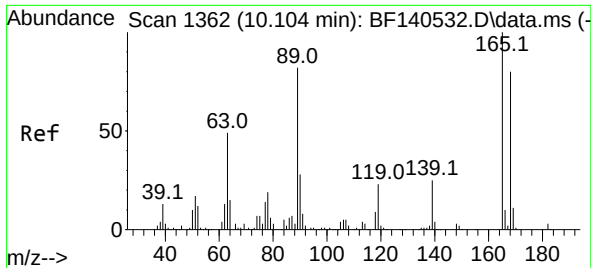
Ion Ratio Lower Upper

139 100

109 75.9 68.4 108.4

65 109.2 88.6 128.6

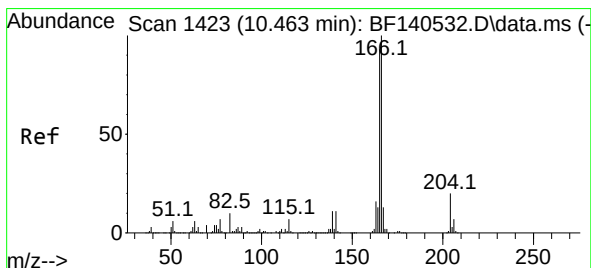
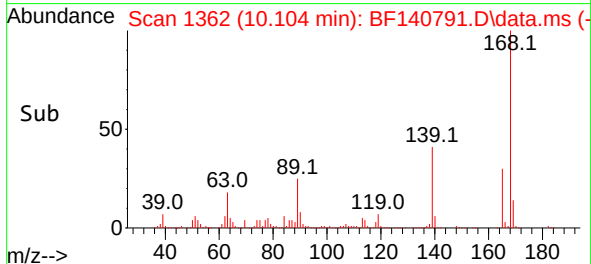
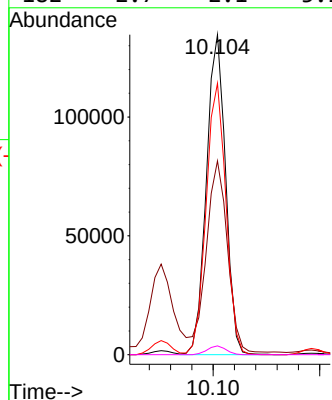
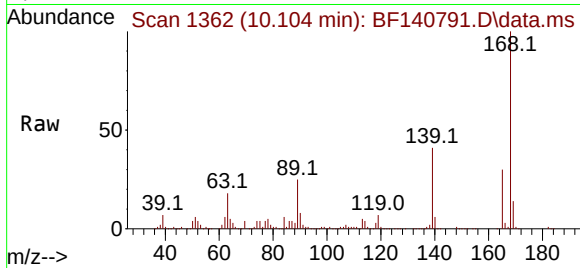




#57
2,4-Dinitrotoluene
Concen: 45.707 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

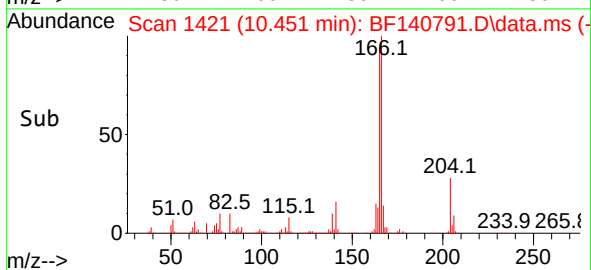
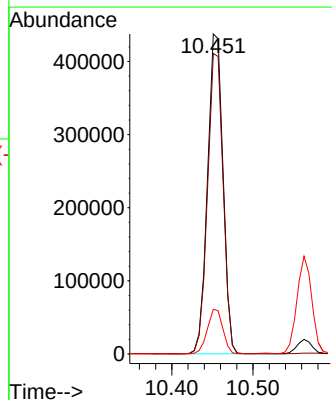
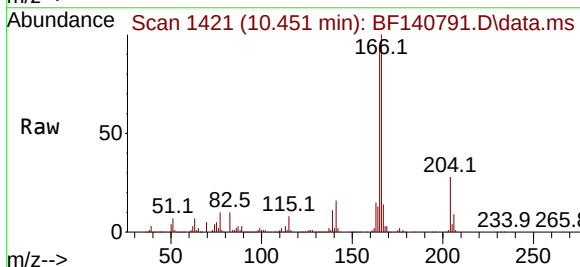
Instrument :
BNA_F
ClientSampleId :
MH-764MS

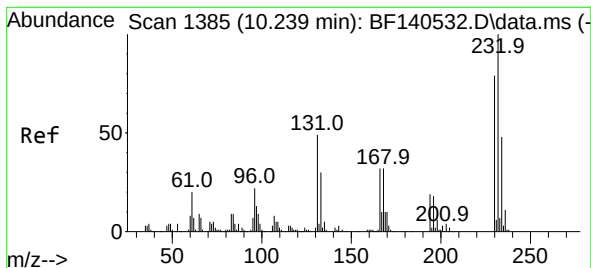
Tgt Ion:165 Resp: 168894
Ion Ratio Lower Upper
165 100
63 60.6 41.7 62.5
89 84.8 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 46.684 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:166 Resp: 577835
Ion Ratio Lower Upper
166 100
165 93.9 74.6 111.8
167 13.9 10.6 16.0

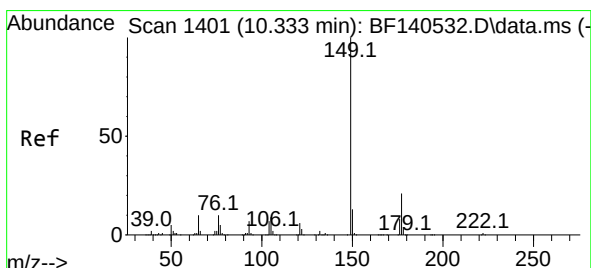
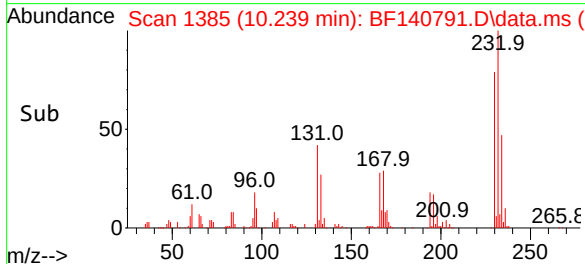
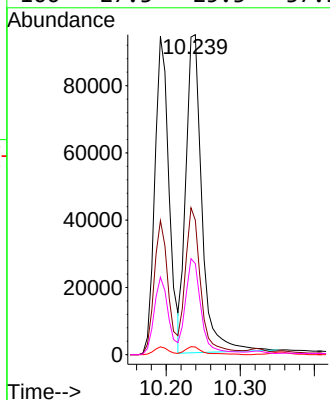
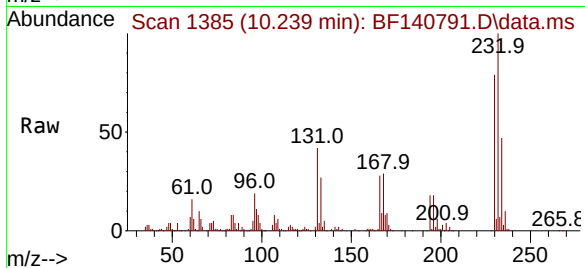




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.956 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

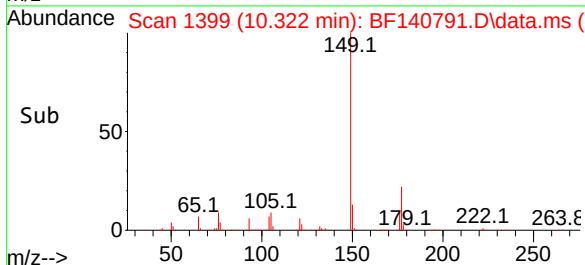
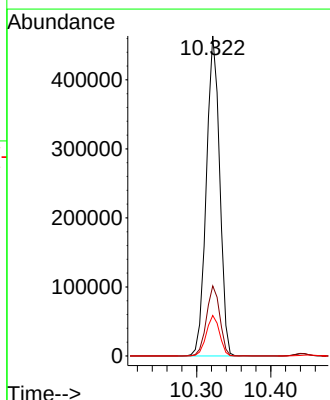
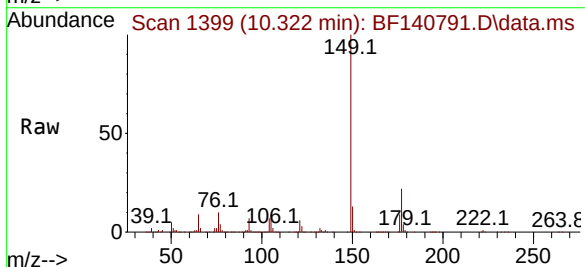
Instrument :
BNA_F
ClientSampleId :
MH-764MS

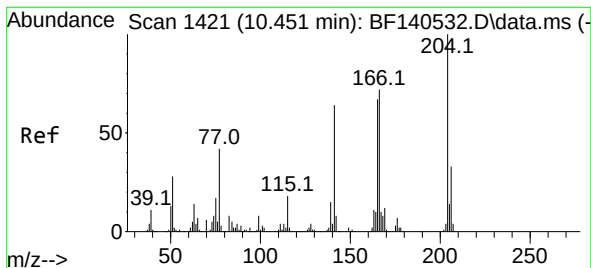
Tgt Ion:232 Resp: 142478
Ion Ratio Lower Upper
232 100
131 41.8 39.6 59.4
130 2.8 1.9 2.9
166 27.3 25.3 37.9



#60
Diethylphthalate
Concen: 46.511 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:149 Resp: 579329
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.7 10.1 15.1

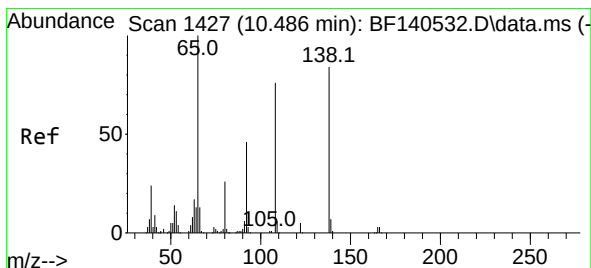
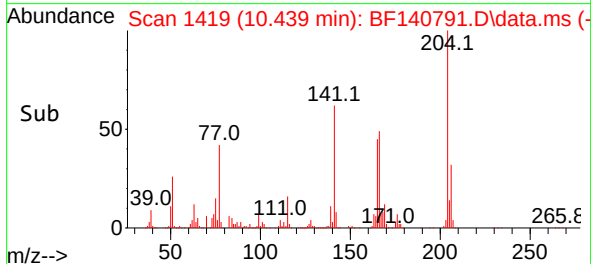
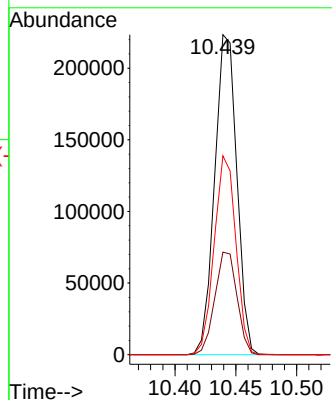
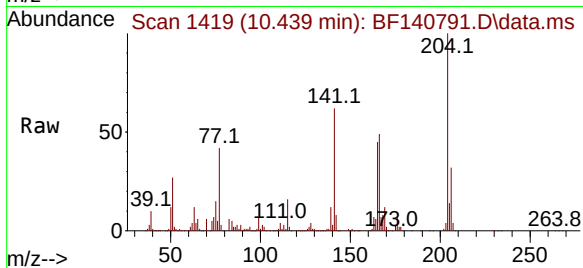




#61
4-Chlorophenyl-phenylether
Concen: 46.693 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

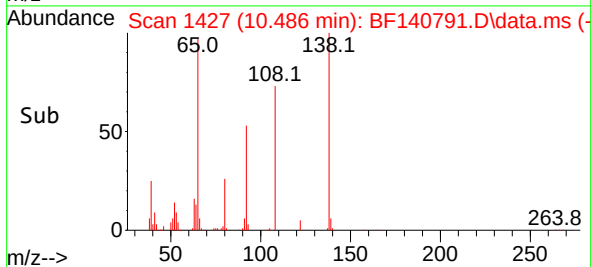
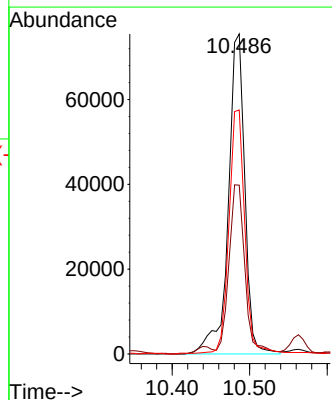
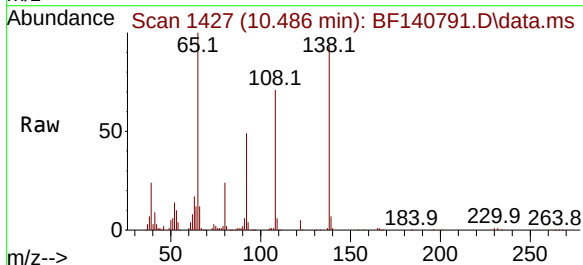
Instrument :
BNA_F
ClientSampleId :
MH-764MS

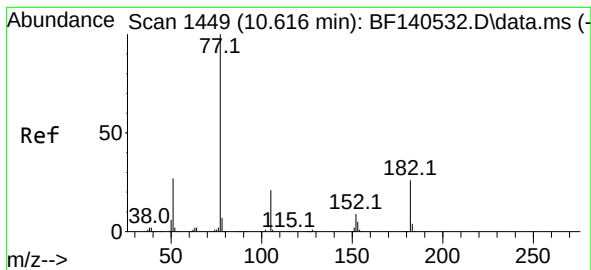
Tgt Ion:204 Resp: 283629
Ion Ratio Lower Upper
204 100
206 32.0 26.6 40.0
141 62.1 51.1 76.7



#62
4-Nitroaniline
Concen: 39.258 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:138 Resp: 111966
Ion Ratio Lower Upper
138 100
92 52.8 34.5 74.5
108 76.3 70.6 110.6





#63

Azobenzene

Concen: 45.787 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 77 Resp: 540076

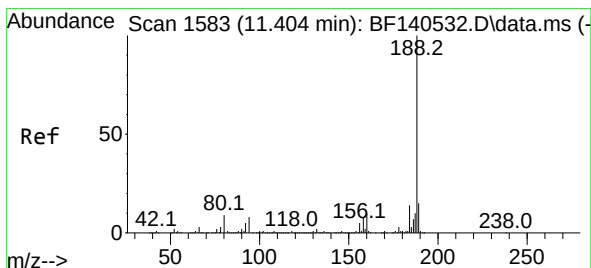
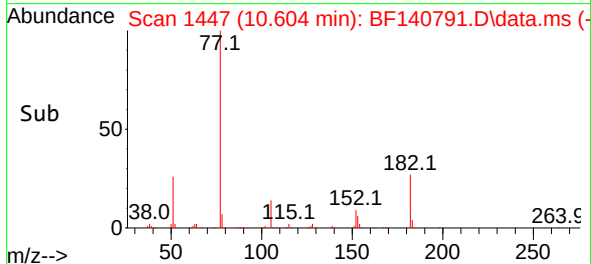
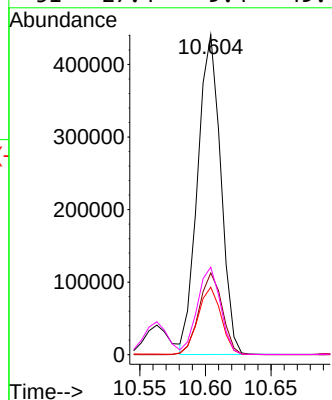
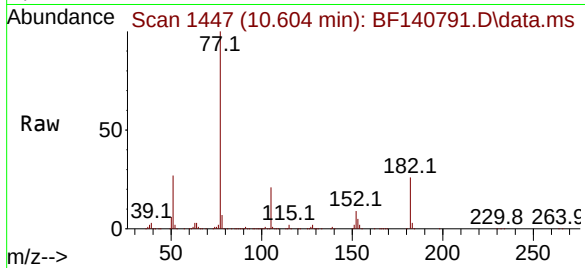
Ion Ratio Lower Upper

77 100

182 25.6 5.3 45.3

105 21.1 0.3 40.3

51 27.4 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

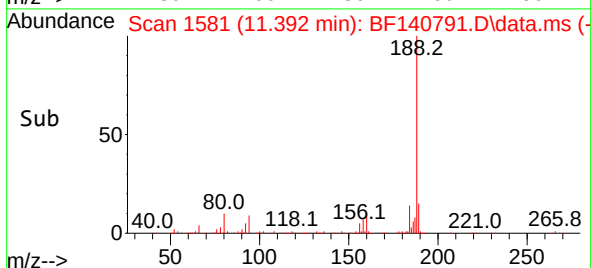
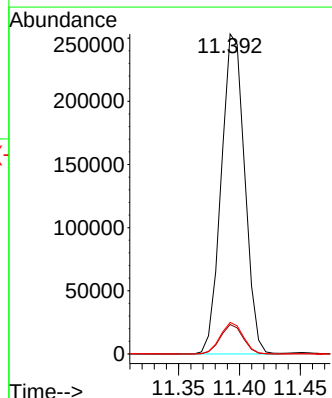
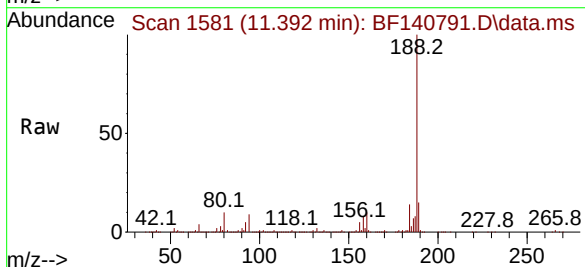
Tgt Ion: 188 Resp: 339098

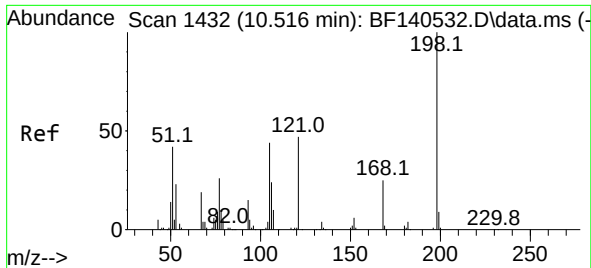
Ion Ratio Lower Upper

188 100

94 9.2 6.4 9.6

80 9.9 6.9 10.3

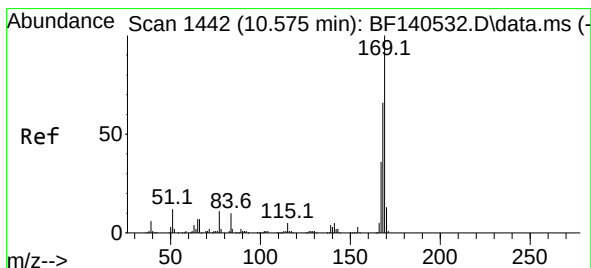
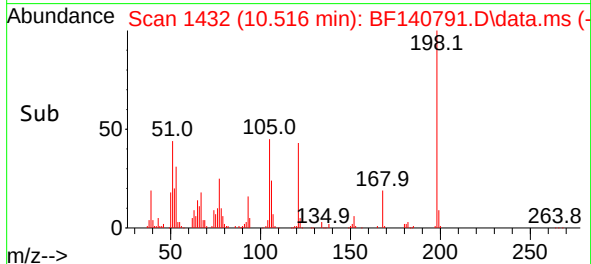
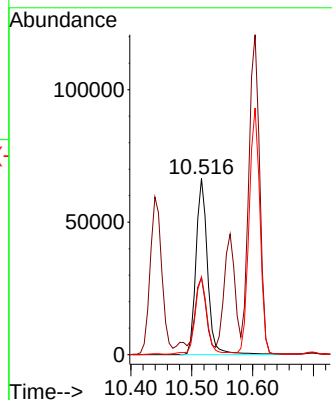
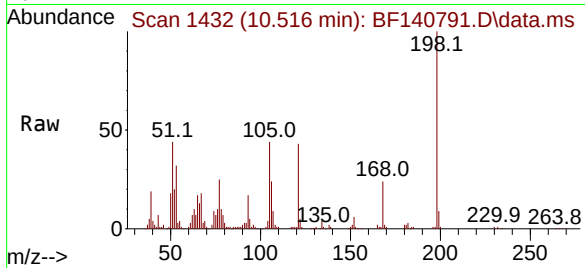




#65
4,6-Dinitro-2-methylphenol
Concen: 50.854 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

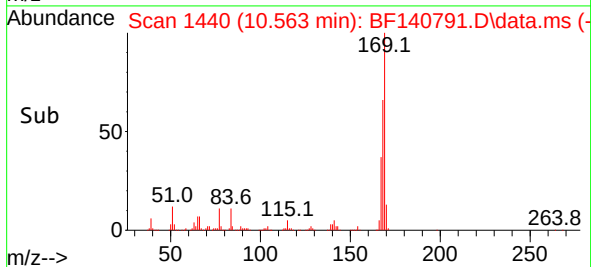
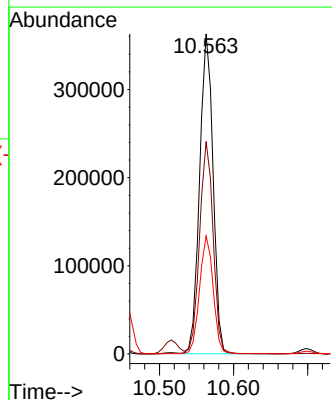
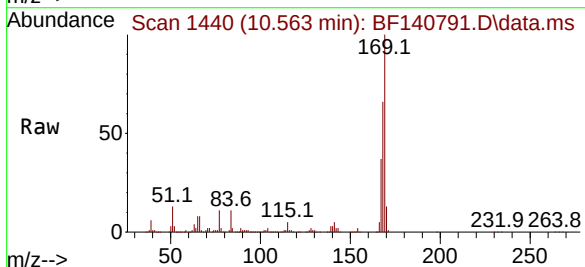
Instrument :
BNA_F
ClientSampleId :
MH-764MS

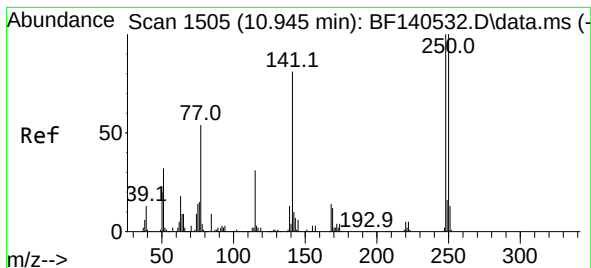
Tgt Ion:198 Resp: 88121
Ion Ratio Lower Upper
198 100
51 43.6 29.4 69.4
105 44.1 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 45.526 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:169 Resp: 456538
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.9 29.0 43.6

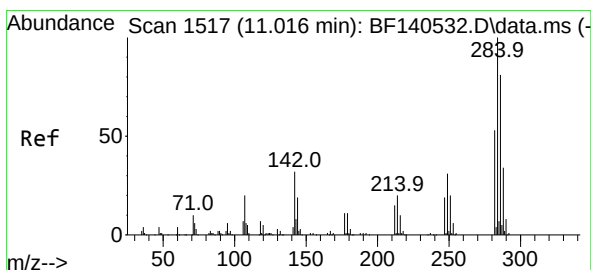
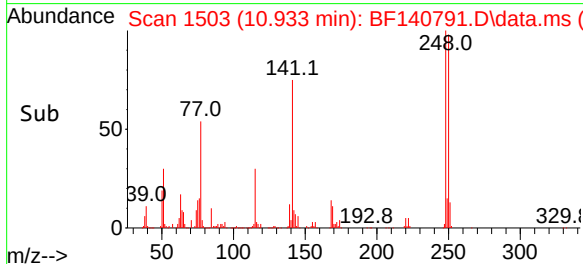
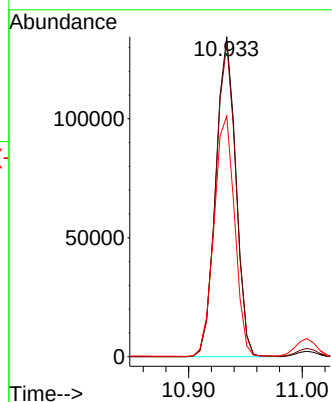
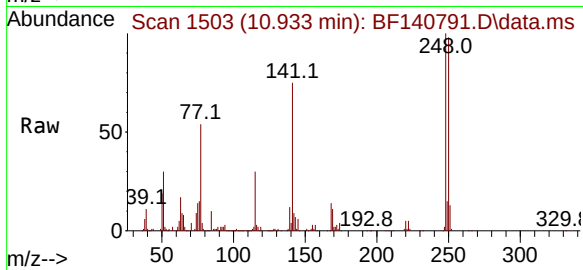




#67
4-Bromophenyl-phenylether
Concen: 47.310 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

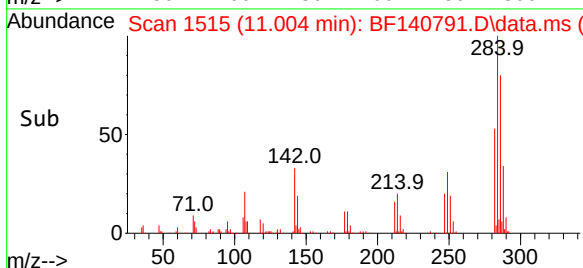
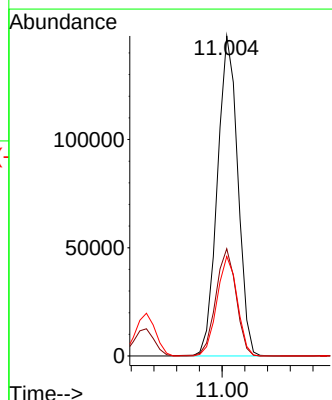
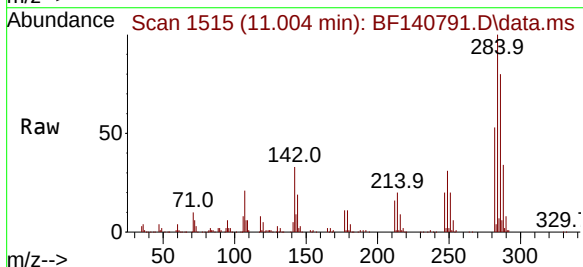
Instrument :
BNA_F
ClientSampleId :
MH-764MS

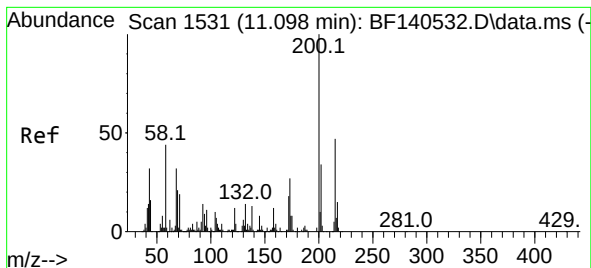
Tgt Ion:248 Resp: 165214
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 75.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 45.568 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:284 Resp: 184261
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 35.506 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

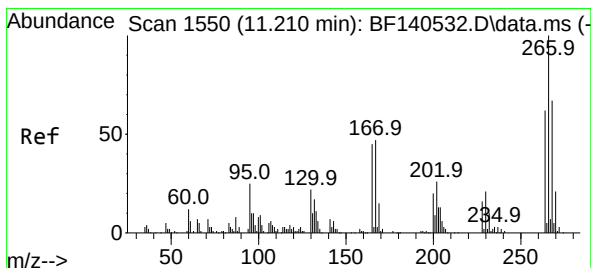
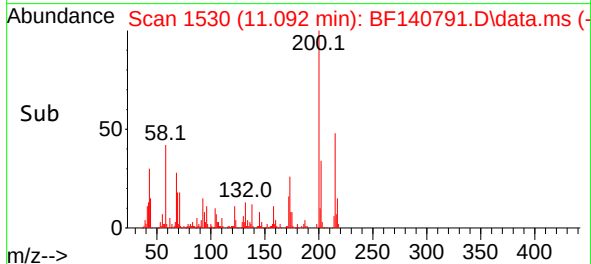
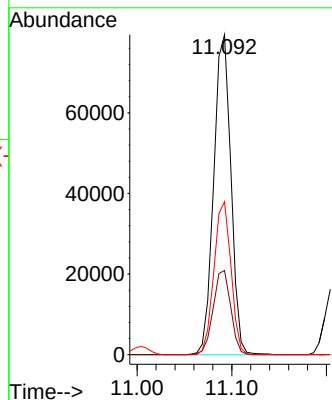
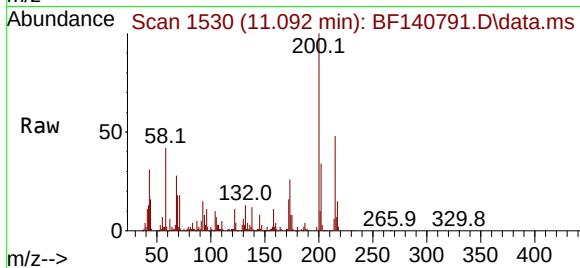
Tgt Ion:200 Resp: 100165

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

215 47.8 26.7 66.7



#70

Pentachlorophenol

Concen: 87.924 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

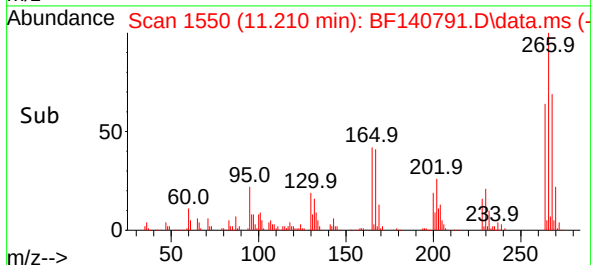
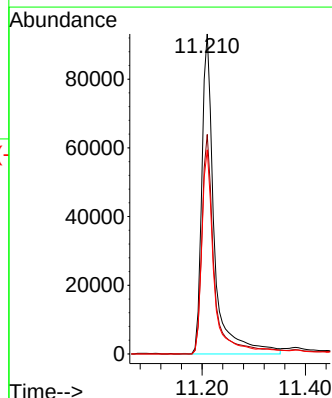
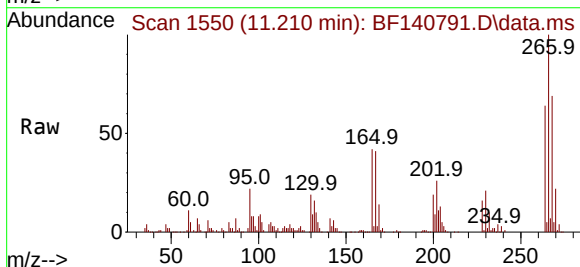
Tgt Ion:266 Resp: 156477

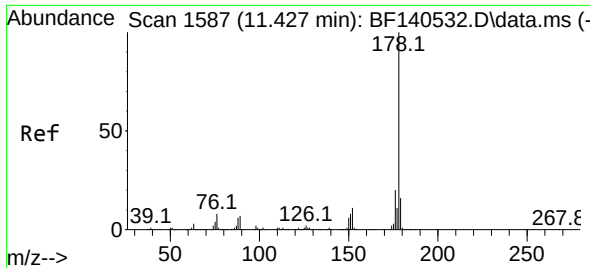
Ion Ratio Lower Upper

266 100

268 68.6 53.7 80.5

264 63.8 49.8 74.8

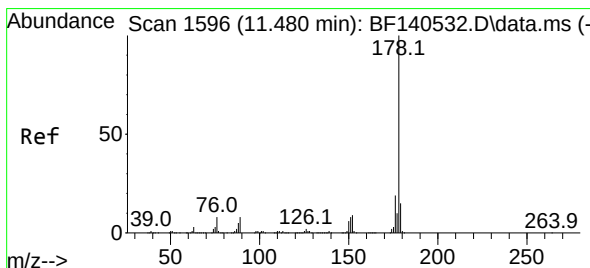
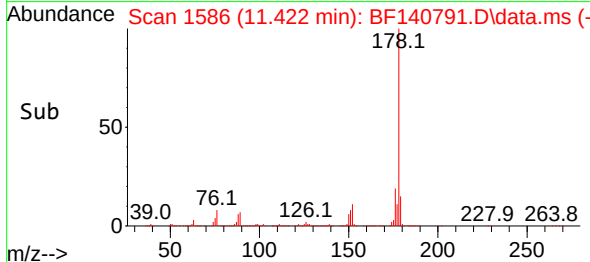
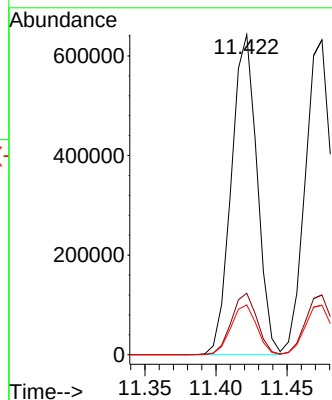
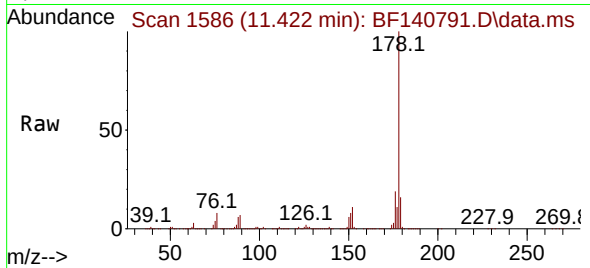




#71
Phenanthrene
Concen: 49.603 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

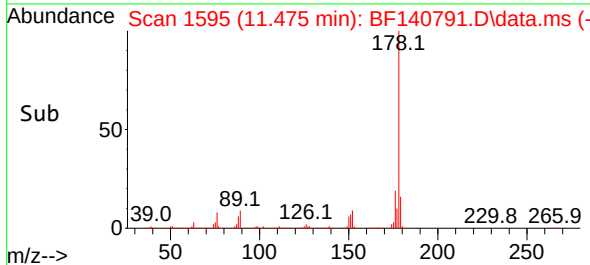
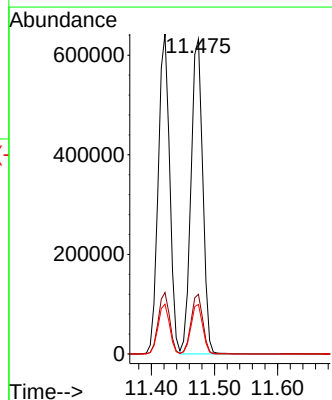
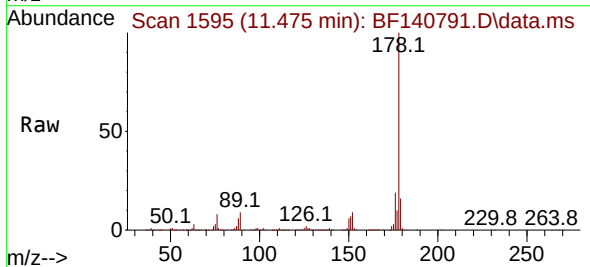
Instrument :
BNA_F
ClientSampleId :
MH-764MS

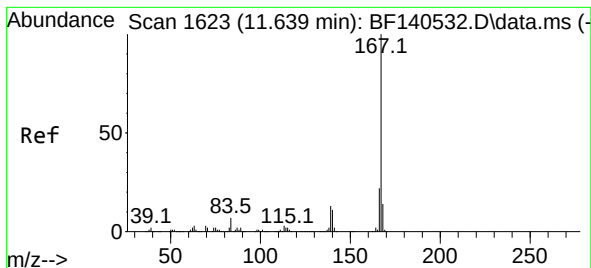
Tgt Ion:178 Resp: 808533
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 51.364 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:178 Resp: 818981
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.7 12.2 18.4





#73

Carbazole

Concen: 42.559 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

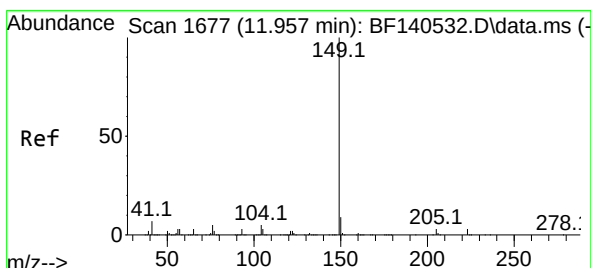
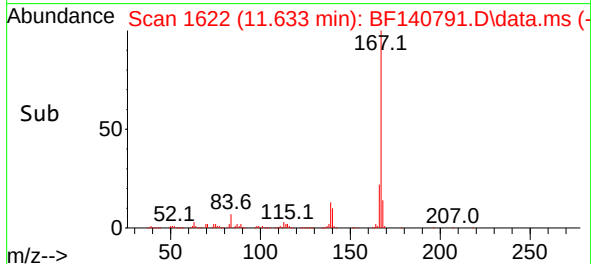
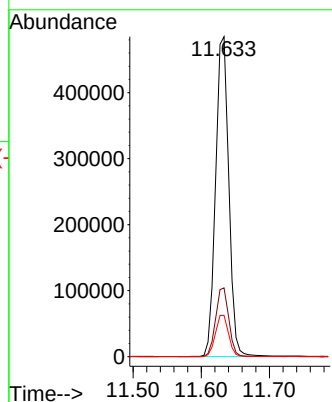
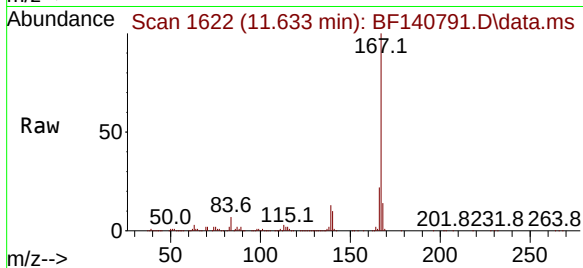
Tgt Ion:167 Resp: 652811

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 48.031 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

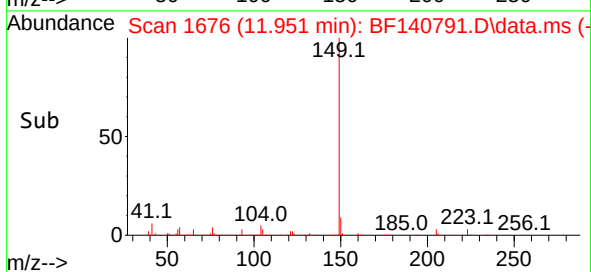
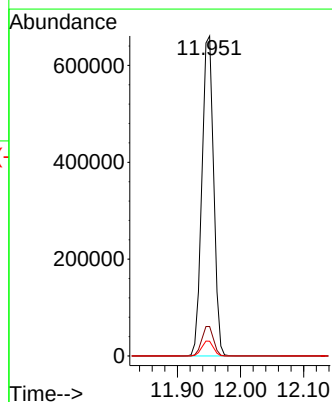
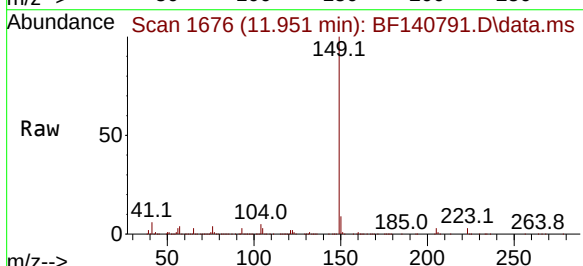
Tgt Ion:149 Resp: 850560

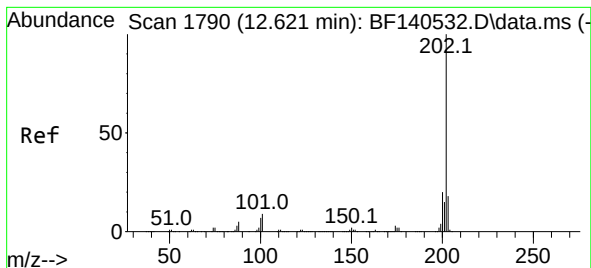
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.6 4.1 6.1





#75

Fluoranthene

Concen: 44.229 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

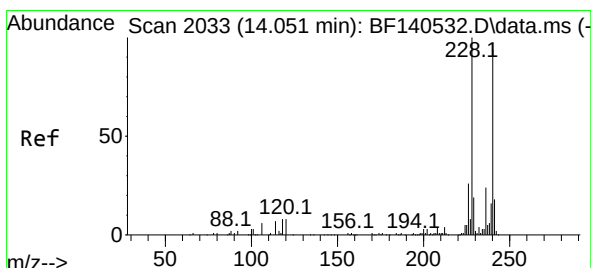
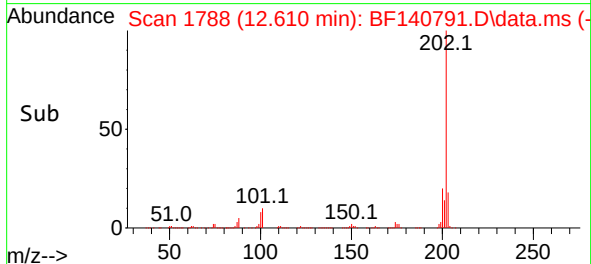
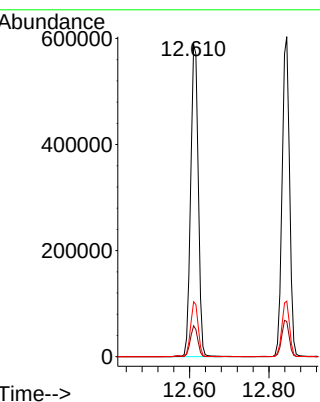
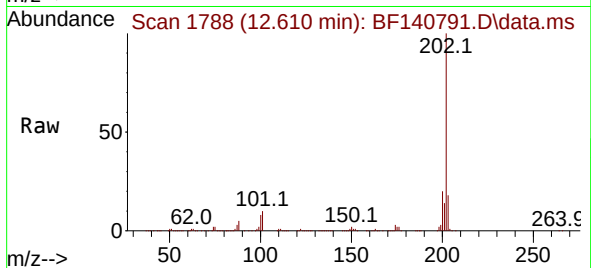
Tgt Ion:202 Resp: 782758

Ion Ratio Lower Upper

202 100

101 9.9 0.0 28.9

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

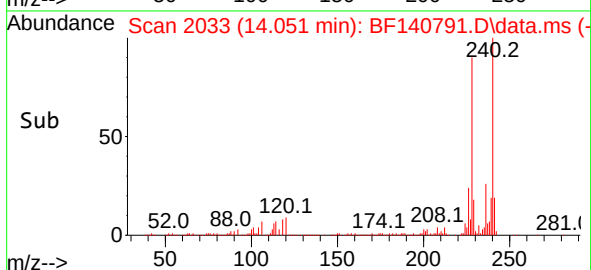
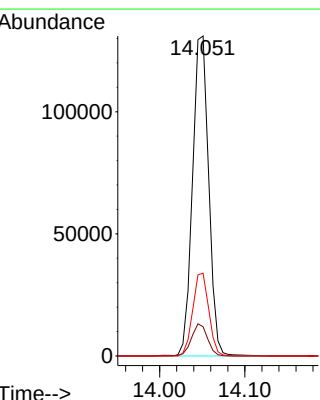
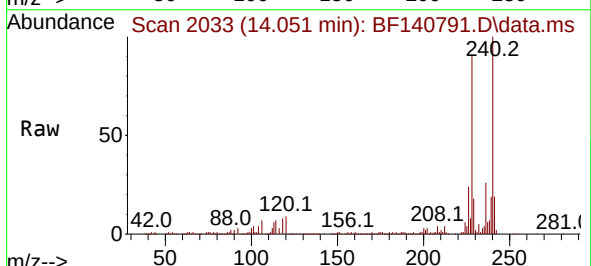
Tgt Ion:240 Resp: 172761

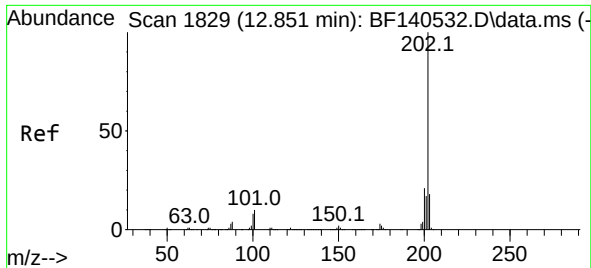
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.9 20.6 31.0

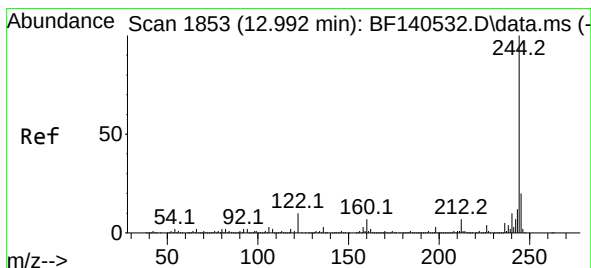
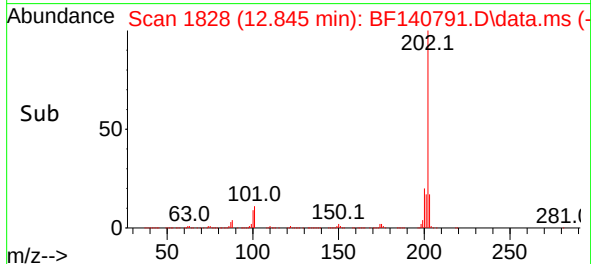
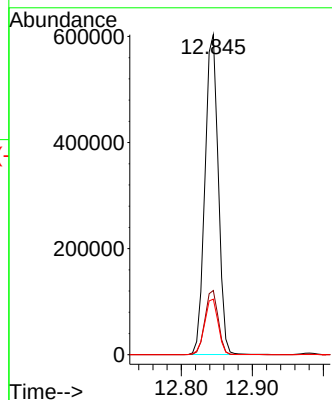
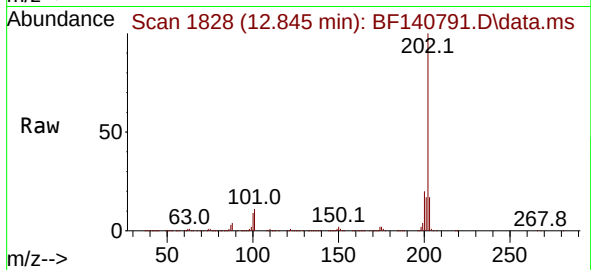




#78
 Pyrene
 Concen: 49.299 ng
 RT: 12.845 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

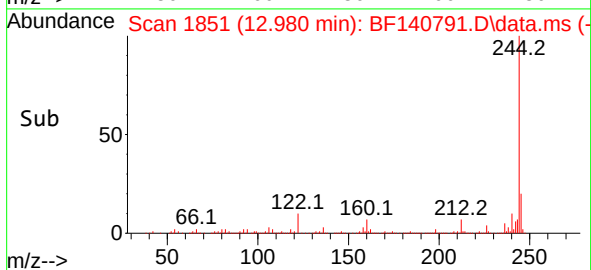
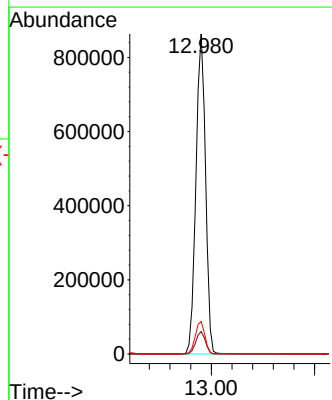
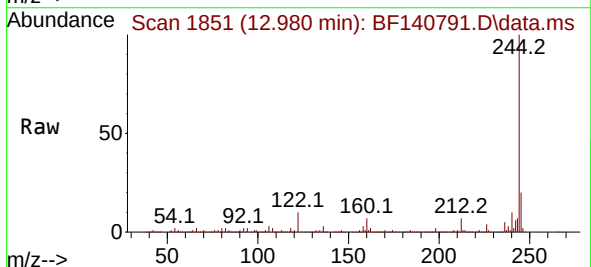
Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

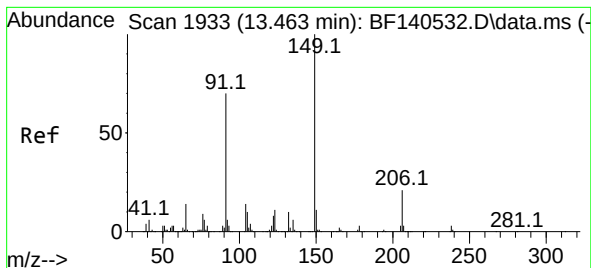
Tgt Ion:202 Resp: 787494
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.5 24.7
 203 17.3 14.2 21.4



#79
 Terphenyl-d14
 Concen: 100.201 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

Tgt Ion:244 Resp: 1111717
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.1 8.0 12.0





#80

Butylbenzylphthalate

Concen: 52.302 ng

RT: 13.451 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

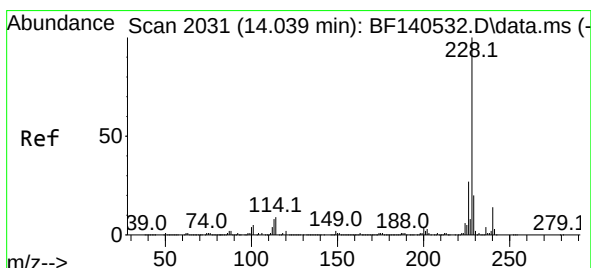
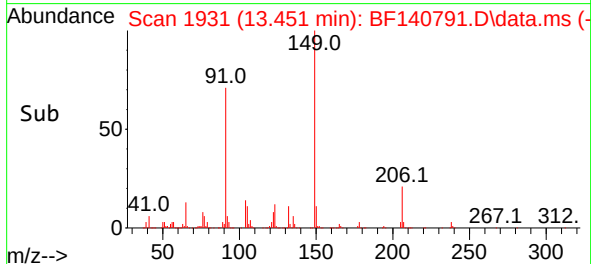
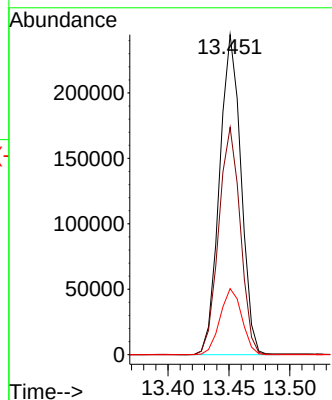
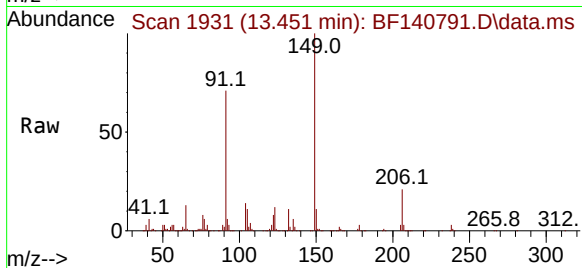
Tgt Ion:149 Resp: 300969

Ion Ratio Lower Upper

149 100

91 71.0 56.2 84.2

206 20.6 16.4 24.6



#81

Benzo(a)anthracene

Concen: 48.569 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

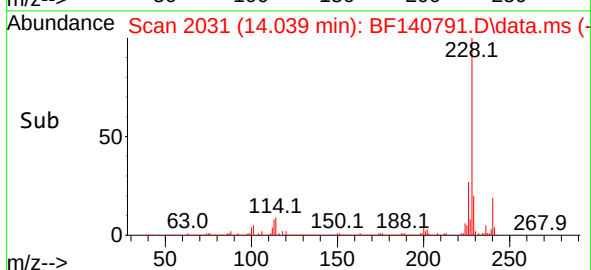
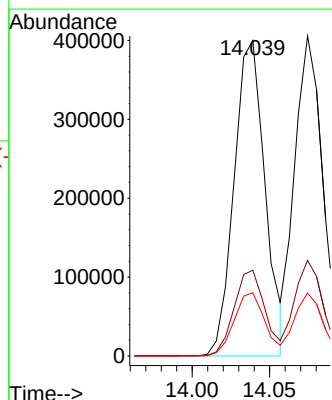
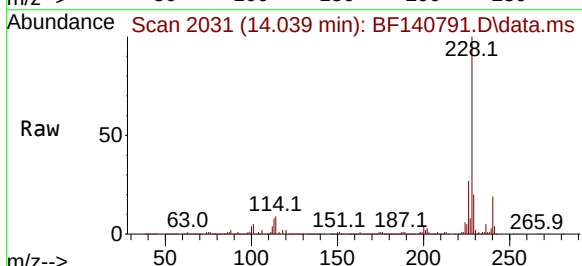
Tgt Ion:228 Resp: 555445

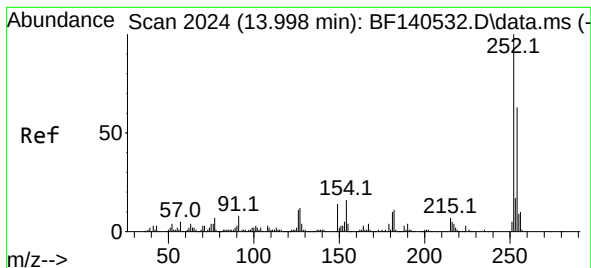
Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.1 15.8 23.6

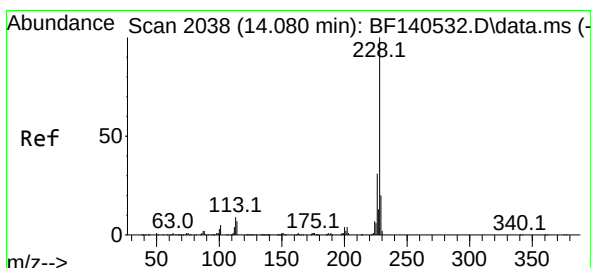
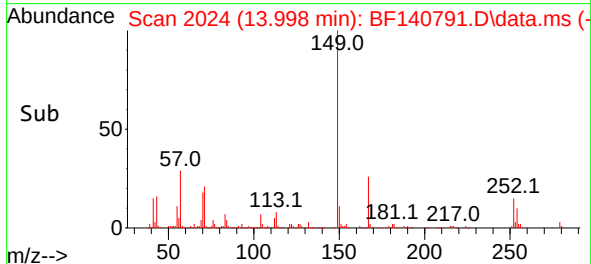
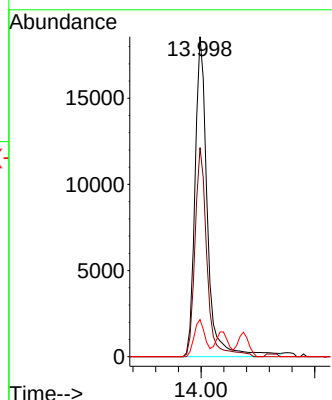
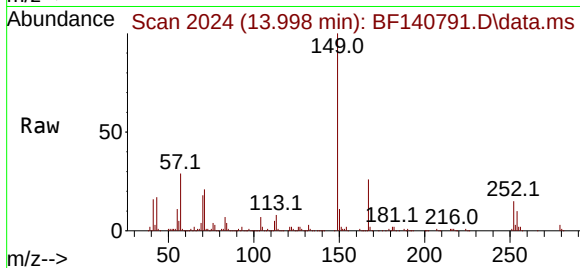




#82
3,3'-Dichlorobenzidine
Concen: 8.234 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

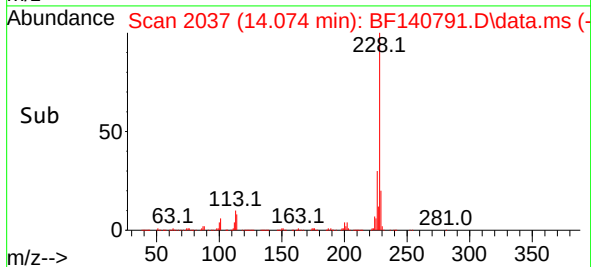
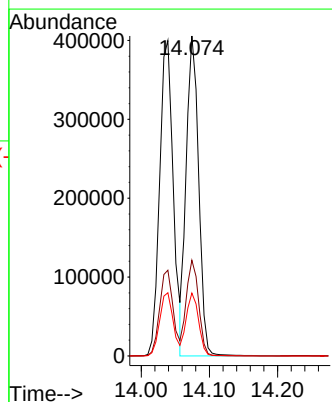
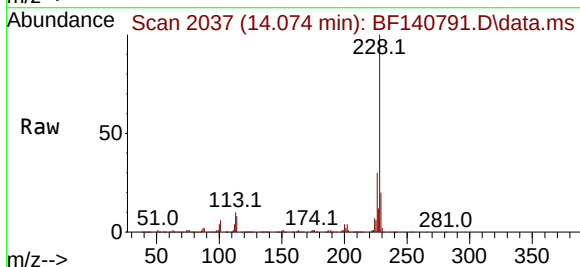
Instrument :
BNA_F
ClientSampleId :
MH-764MS

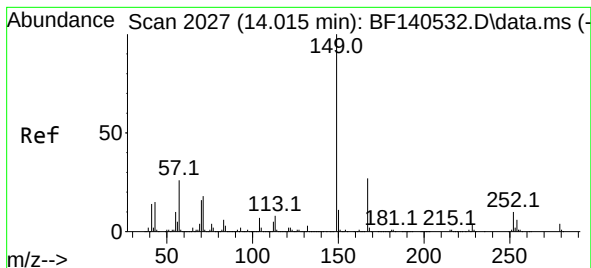
Tgt Ion:252 Resp: 28273
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 11.6 8.6 13.0



#83
Chrysene
Concen: 48.922 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:228 Resp: 511582
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.7 15.8 23.6

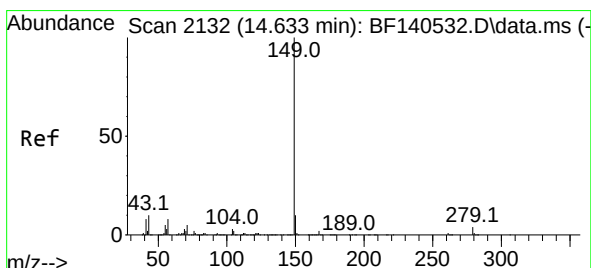
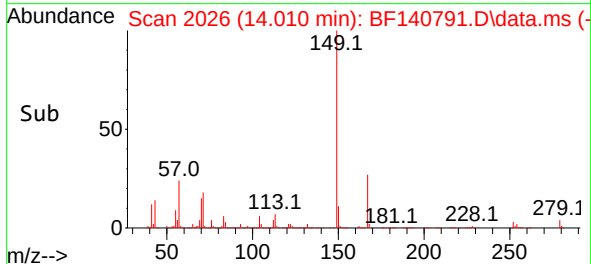
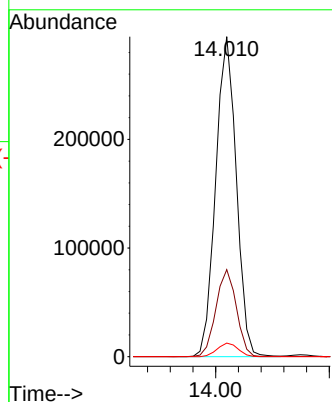
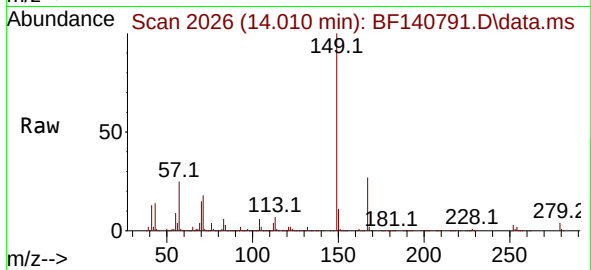




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.084 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

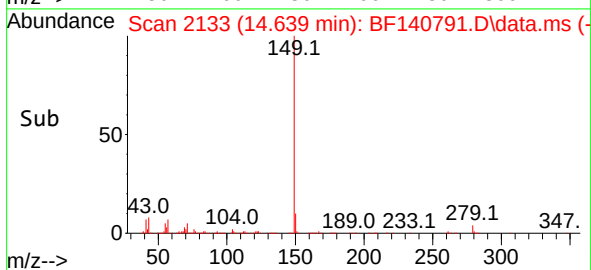
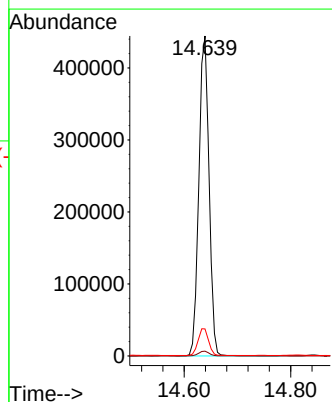
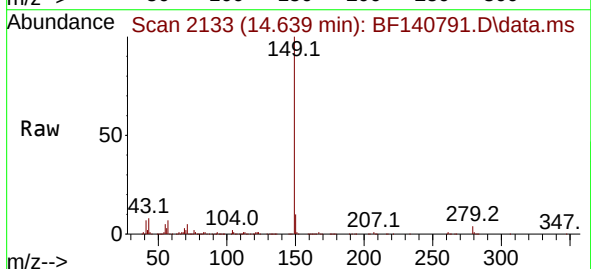
Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

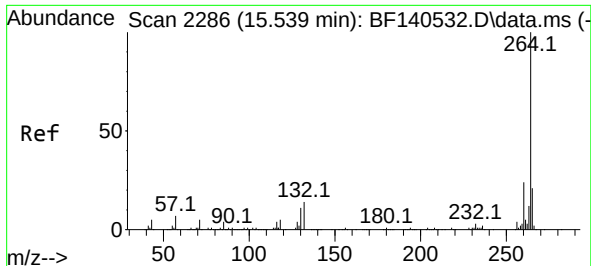
Tgt Ion:149 Resp: 371182
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.2 31.8
 279 4.3 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 59.490 ng
 RT: 14.639 min Scan# 2133
 Delta R.T. 0.006 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

Tgt Ion:149 Resp: 590749
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.7 7.7 11.5

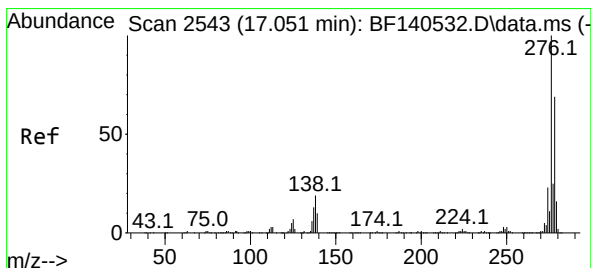
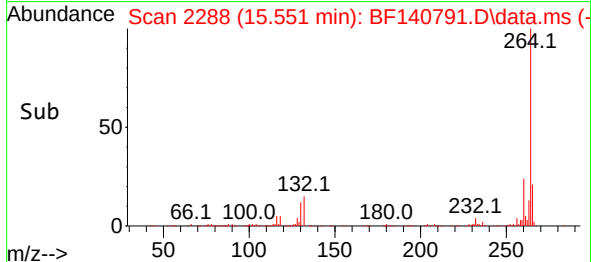
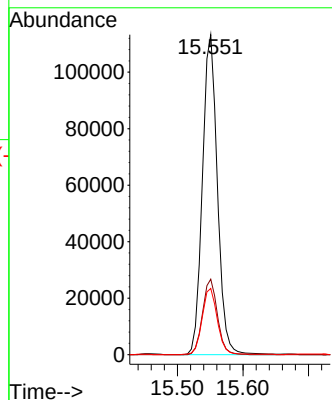
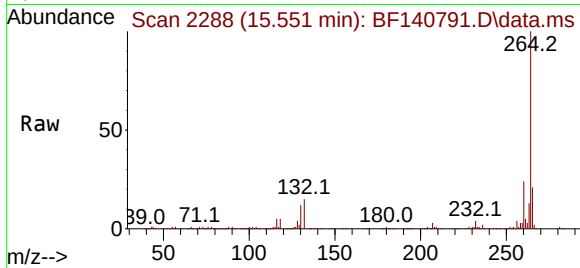




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

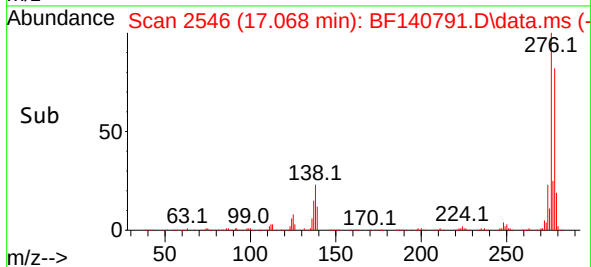
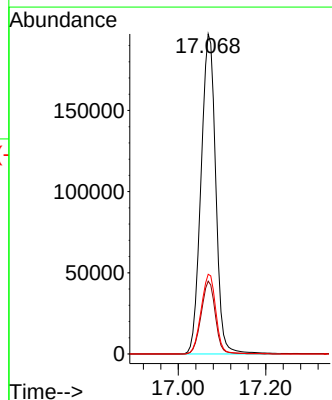
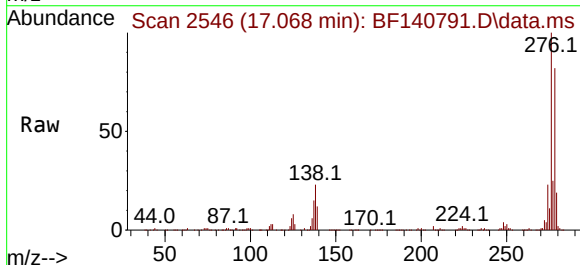
Instrument :
BNA_F
ClientSampleId :
MH-764MS

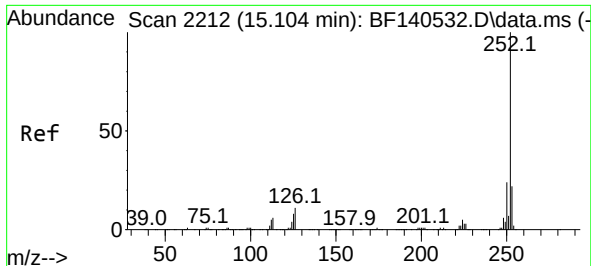
Tgt Ion:264 Resp: 180382
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 20.7 16.6 25.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 39.257 ng
RT: 17.068 min Scan# 2546
Delta R.T. 0.018 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:276 Resp: 461473
Ion Ratio Lower Upper
276 100
138 22.0 15.5 23.3
277 24.9 20.1 30.1

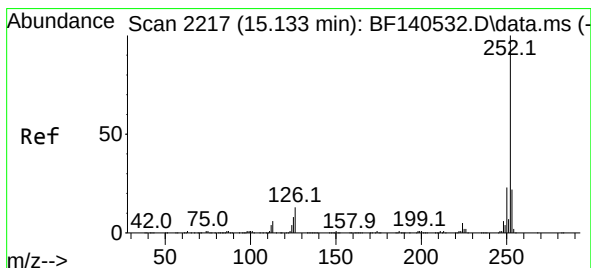
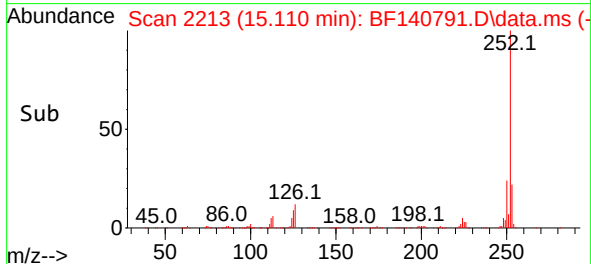
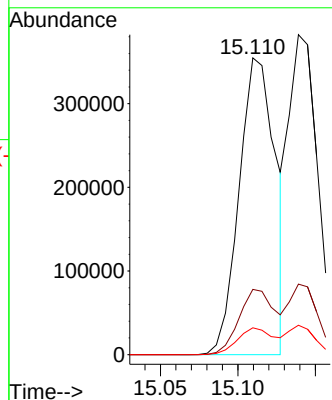
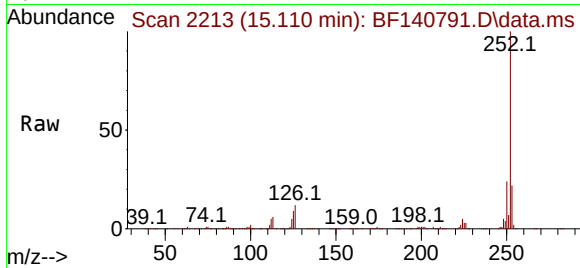




#88
Benzo(b)fluoranthene
Concen: 51.076 ng
RT: 15.110 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

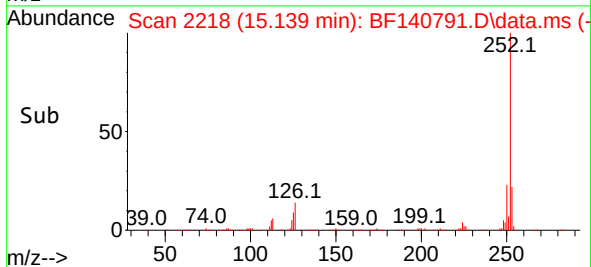
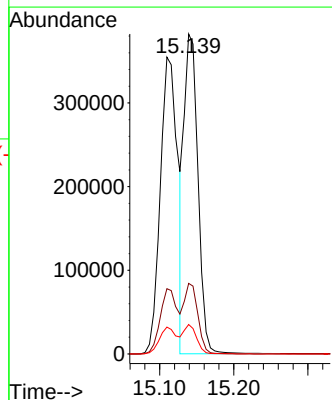
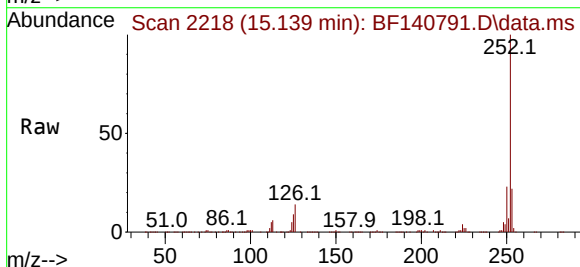
Instrument :
BNA_F
ClientSampleId :
MH-764MS

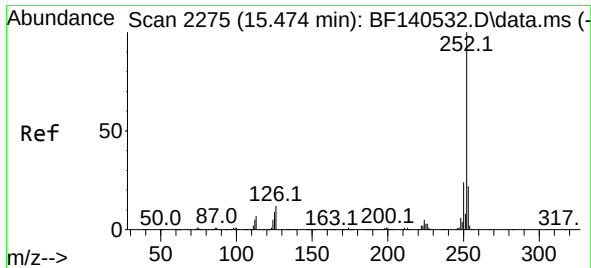
Tgt Ion:252 Resp: 578695
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.1 6.7 10.1



#89
Benzo(k)fluoranthene
Concen: 50.604 ng
RT: 15.139 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:252 Resp: 501730
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.2 6.5 9.7

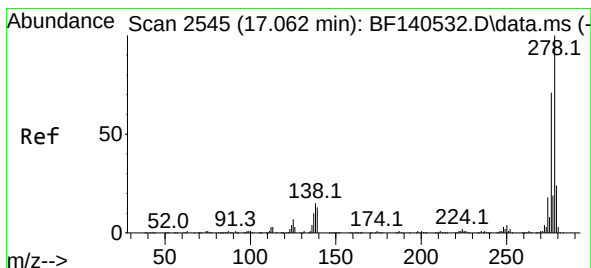
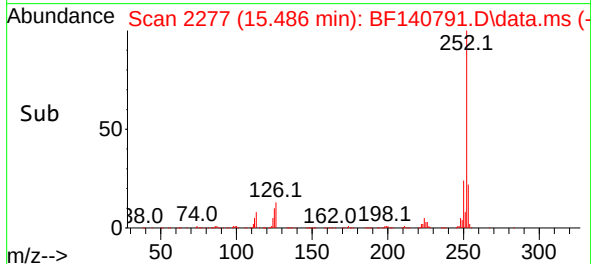
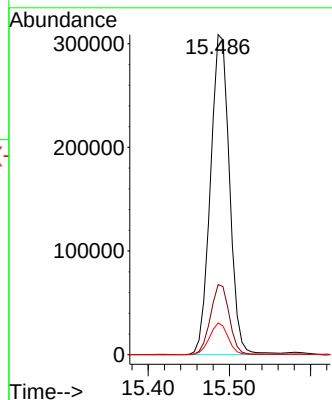
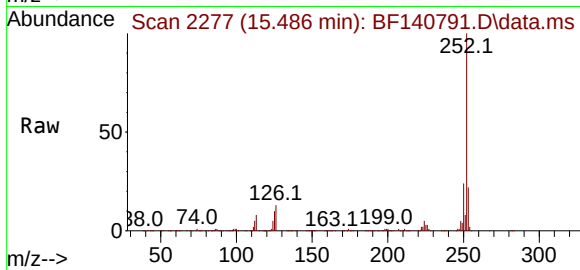




#90
Benzo(a)pyrene
Concen: 54.519 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

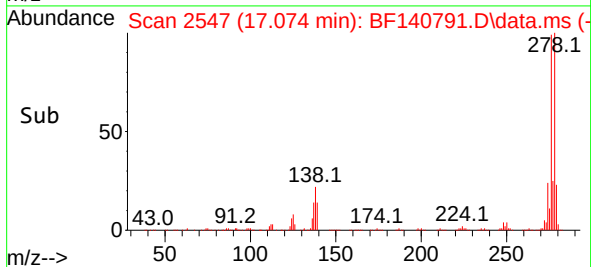
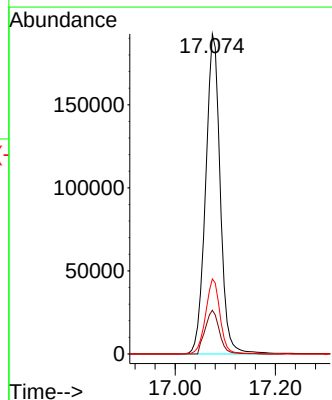
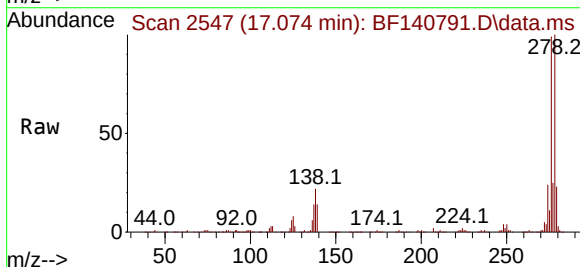
Instrument :
BNA_F
ClientSampleId :
MH-764MS

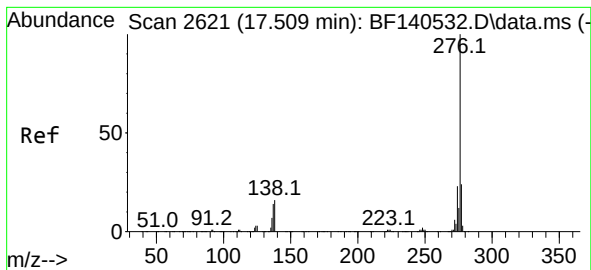
Tgt Ion:252 Resp: 502239
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.9 7.0 10.6



#91
Dibenzo(a,h)anthracene
Concen: 40.514 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:278 Resp: 390036
Ion Ratio Lower Upper
278 100
139 13.7 10.2 15.4
279 23.5 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 30.656 ng

RT: 17.527 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF140791.D

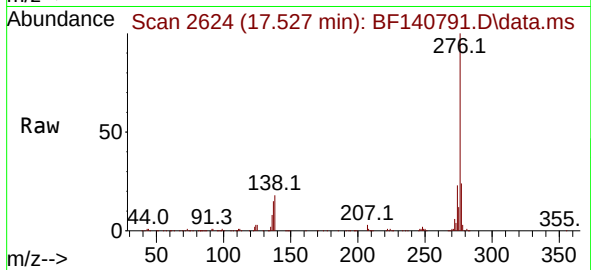
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS



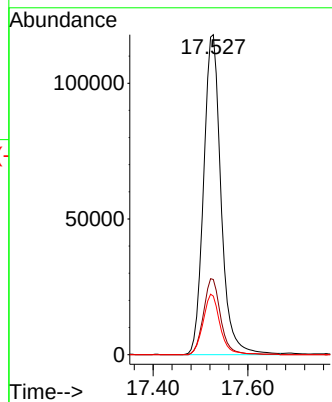
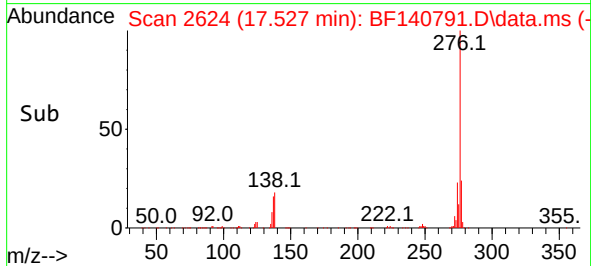
Tgt Ion:276 Resp: 301164

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 18.3 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140792.D
 Acq On : 09 Dec 2024 16:22
 Operator : RC/JU
 Sample : P5095-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD

Quant Time: Dec 09 18:08:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	63535	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	235636	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128638	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	239472	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	124543	20.000	ng	0.00
86) Perylene-d12	15.551	264	130200	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	557789	149.792	ng	0.01
7) Phenol-d6	6.516	99	669772	136.053	ng	0.00
23) Nitrobenzene-d5	7.428	82	498832	108.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	228769	166.282	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	963368	111.582	ng	-0.01
79) Terphenyl-d14	12.980	244	936199	117.051	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	74095	47.326	ng	# 83
3) Pyridine	3.540	79	134548	39.059	ng	99
4) n-Nitrosodimethylamine	3.457	42	103304	51.024	ng	93
6) Aniline	6.534	93	58304	16.827	ng	# 1
8) 2-Chlorophenol	6.663	128	215029	53.674	ng	94
9) Benzaldehyde	6.428	77	8565	3.287	ng	95
10) Phenol	6.528	94	238292	47.398	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	205848	53.506	ng	99
12) 1,3-Dichlorobenzene	6.804	146	206053	45.774	ng	98
13) 1,4-Dichlorobenzene	6.881	146	209419	45.946	ng	99
14) 1,2-Dichlorobenzene	7.034	146	202579	47.431	ng	99
15) Benzyl Alcohol	7.016	79	192590	52.753	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	238773	52.535	ng	# 63
17) 2-Methylphenol	7.134	107	170350	53.120	ng	94
18) Hexachloroethane	7.369	117	76621	45.009	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	157936	54.284	ng	97
20) 3+4-Methylphenols	7.286	107	223621	54.251	ng	# 72
22) Acetophenone	7.275	105	308388	53.682	ng	# 93
24) Nitrobenzene	7.451	77	240674	50.549	ng	97
25) Isophorone	7.686	82	420805	54.766	ng	100
26) 2-Nitrophenol	7.763	139	115012	54.509	ng	97
27) 2,4-Dimethylphenol	7.804	122	166249	65.854	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	252040	53.844	ng	99
29) 2,4-Dichlorophenol	8.016	162	185526	55.461	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	188188	49.271	ng	99
31) Naphthalene	8.163	128	630405	51.939	ng	99
32) Benzoic acid	7.945	122	107082	48.632	ng	98
33) 4-Chloroaniline	8.233	127	30816	8.480	ng	99
34) Hexachlorobutadiene	8.275	225	122451	48.403	ng	100
35) Caprolactam	8.592	113	30175	29.148	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	203086	54.223	ng	99
37) 2-Methylnaphthalene	8.857	142	420498	54.546	ng	100
38) 1-Methylnaphthalene	8.957	142	387103	51.228	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	207401	55.074	ng	100
41) Hexachlorocyclopentadiene	9.004	237	120002	136.135	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	130124	55.066	ng	99

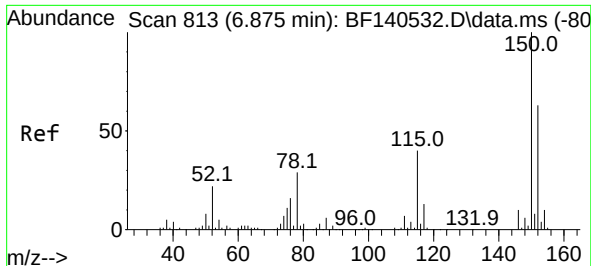
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 Data File : BF140792.D
 Acq On : 09 Dec 2024 16:22
 Operator : RC/JU
 Sample : P5095-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD

Quant Time: Dec 09 18:08:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138026	53.820	ng	97
46) 1,1'-Biphenyl	9.322	154	526128	54.781	ng	100
47) 2-Chloronaphthalene	9.351	162	392918	53.992	ng	98
48) 2-Nitroaniline	9.451	65	125933	53.912	ng	97
49) Acenaphthylene	9.763	152	637528	57.980	ng	99
50) Dimethylphthalate	9.622	163	482427	56.944	ng	100
51) 2,6-Dinitrotoluene	9.692	165	104943	54.618	ng	95
52) Acenaphthene	9.933	154	387362	55.444	ng	99
53) 3-Nitroaniline	9.869	138	29663	15.785	ng	96
54) 2,4-Dinitrophenol	9.986	184	111985	109.354	ng	92
55) Dibenzofuran	10.110	168	593031	55.649	ng	99
56) 4-Nitrophenol	10.051	139	104599	81.614	ng	95
57) 2,4-Dinitrotoluene	10.104	165	140928	55.188	ng	94
58) Fluorene	10.451	166	478571	55.948	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	119495	60.627	ng	90
60) Diethylphthalate	10.322	149	475891	55.286	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	234481	55.858	ng	98
62) 4-Nitroaniline	10.486	138	87530	44.410	ng	93
63) Azobenzene	10.604	77	449754	55.175	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	74319	60.732	ng	96
66) n-Nitrosodiphenylamine	10.563	169	371906	52.516	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	138070	55.985	ng	98
68) Hexachlorobenzene	11.004	284	157096	55.013	ng	98
69) Atrazine	11.092	200	80823	40.569	ng	98
70) Pentachlorophenol	11.210	266	124242	98.854	ng	100
71) Phenanthrene	11.421	178	661060	57.428	ng	100
72) Anthracene	11.474	178	671421	59.628	ng	100
73) Carbazole	11.633	167	569315	52.557	ng	99
74) Di-n-butylphthalate	11.951	149	721072	57.659	ng	99
75) Fluoranthene	12.610	202	632663	50.620	ng	99
78) Pyrene	12.845	202	626983	54.447	ng	99
80) Butylbenzylphthalate	13.451	149	235451	56.758	ng	99
81) Benzo(a)anthracene	14.039	228	478872	58.086	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	24916	10.066	ng	99
83) Chrysene	14.074	228	436033	57.841	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	306433	58.500	ng	99
85) Di-n-octyl phthalate	14.639	149	457880	63.962	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	362816	42.760	ng	99
88) Benzo(b)fluoranthene	15.109	252	510520	62.426	ng	99
89) Benzo(k)fluoranthene	15.139	252	419453	58.611	ng	99
90) Benzo(a)pyrene	15.486	252	425445	63.982	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	309674	44.564	ng	99
92) Benzo(g,h,i)perylene	17.527	276	243639	34.359	ng	98

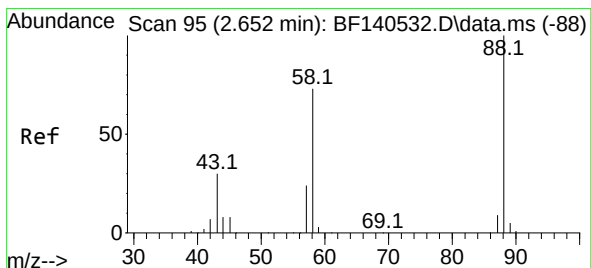
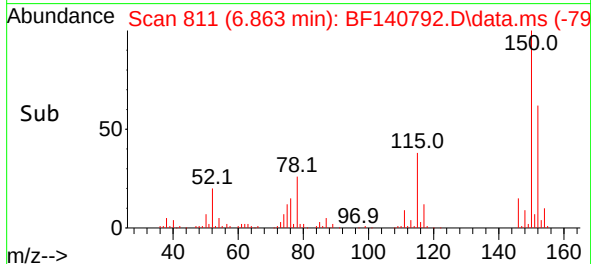
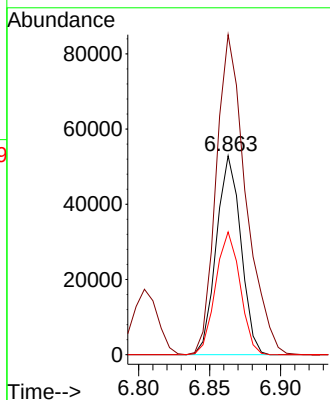
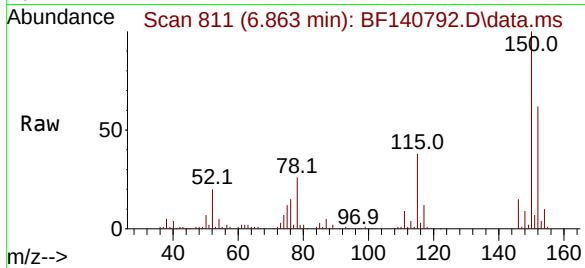
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140792.D
 Acq: 09 Dec 2024 16:22

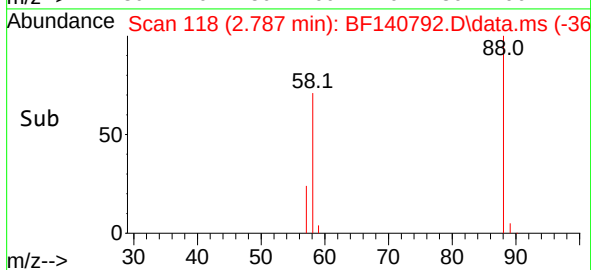
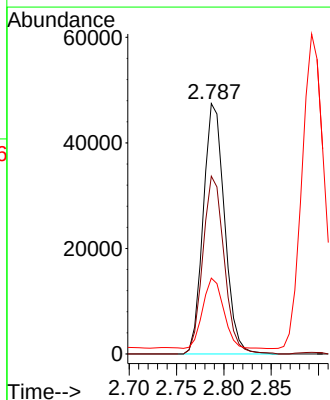
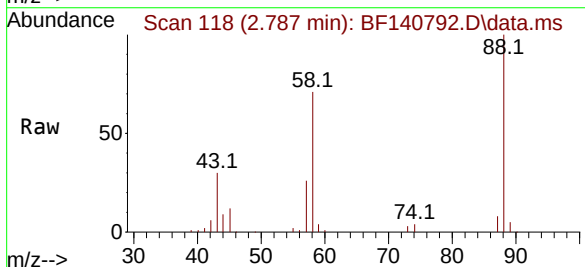
Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD

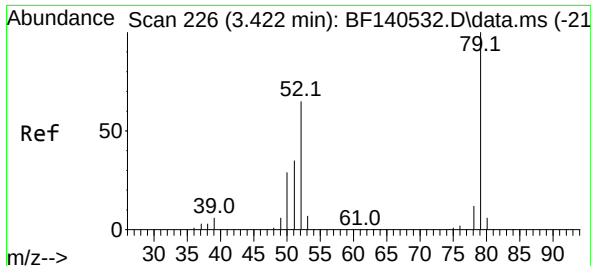
Tgt Ion:152 Resp: 63535
 Ion Ratio Lower Upper
 152 100
 150 160.9 128.5 192.7
 115 61.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 47.326 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.135 min
 Lab File: BF140792.D
 Acq: 09 Dec 2024 16:22

Tgt Ion: 88 Resp: 74095
 Ion Ratio Lower Upper
 88 100
 58 71.1 57.4 86.2
 43 0.0 24.3 36.5

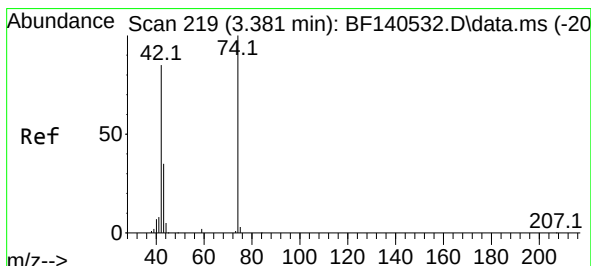
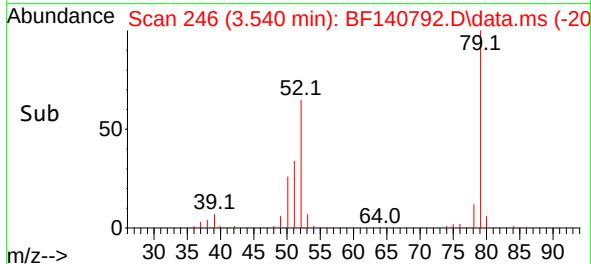
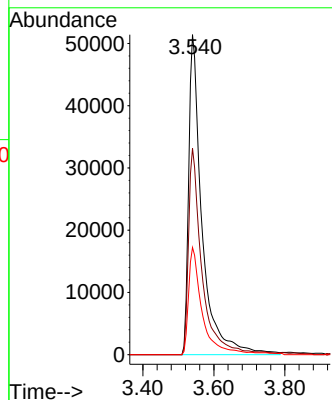
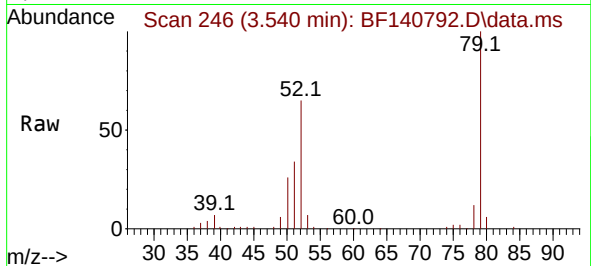




#3
Pyridine
Concen: 39.059 ng
RT: 3.540 min Scan# 246
Delta R.T. 0.118 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

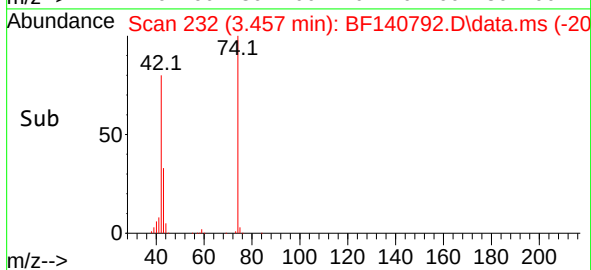
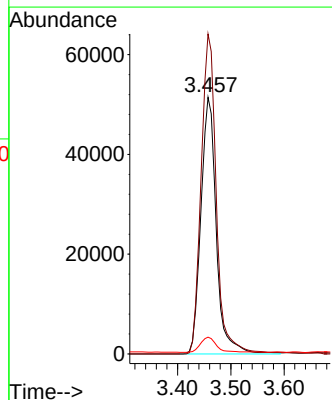
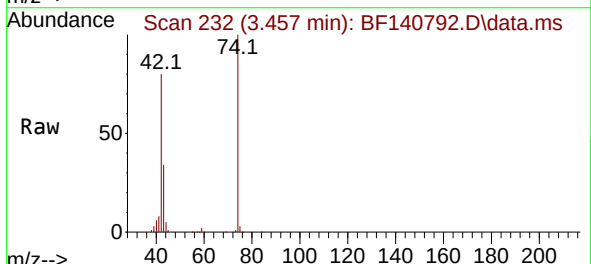
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

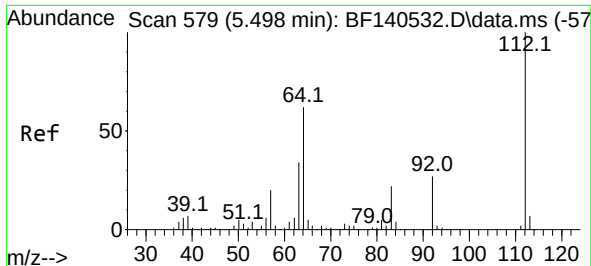
Tgt Ion: 79 Resp: 134548
Ion Ratio Lower Upper
79 100
52 64.5 52.1 78.1
51 33.5 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 51.024 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.076 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 42 Resp: 103304
Ion Ratio Lower Upper
42 100
74 124.7 93.8 140.6
44 6.5 4.6 6.8

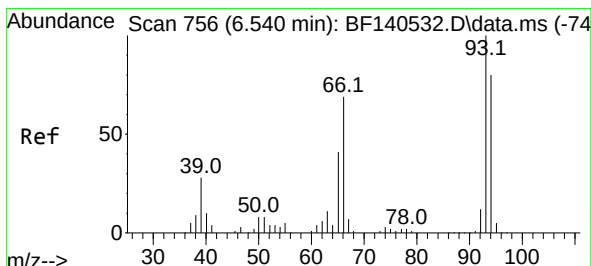
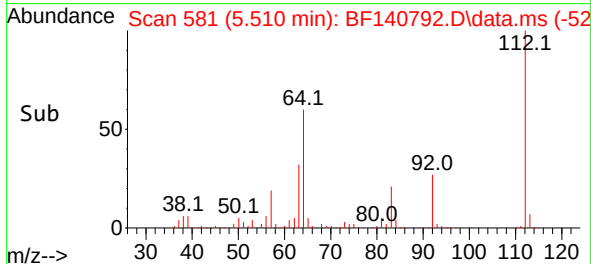
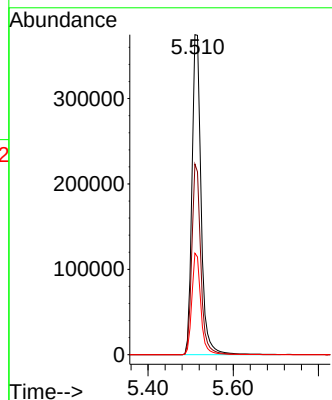
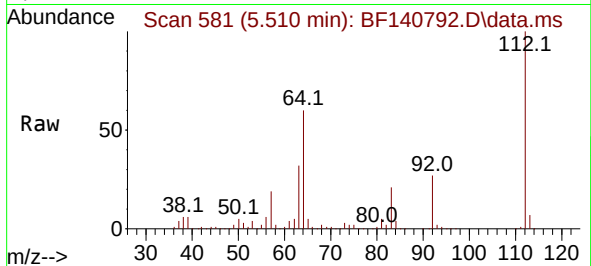




#5
2-Fluorophenol
Concen: 149.792 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

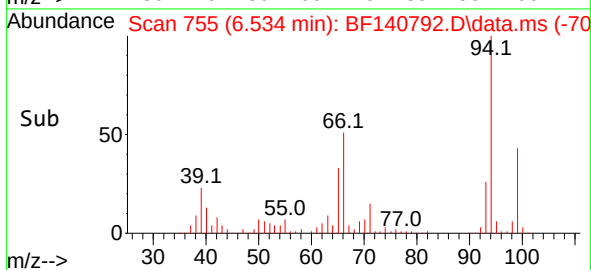
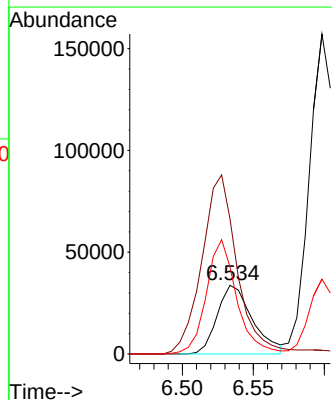
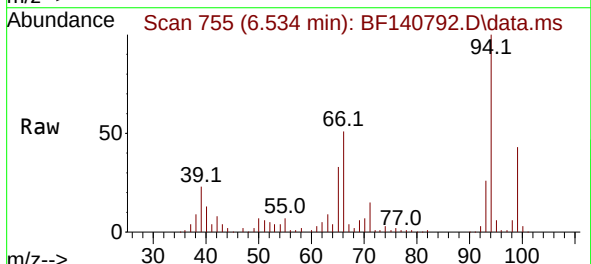
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

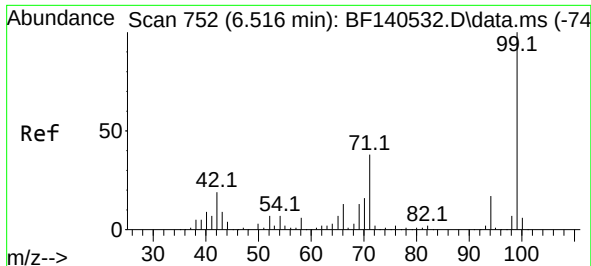
Tgt Ion:112 Resp: 557789
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.7 27.0 40.4



#6
Aniline
Concen: 16.827 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 93 Resp: 58304
Ion Ratio Lower Upper
93 100
66 197.1 56.5 84.7#
65 126.7 32.9 49.3#

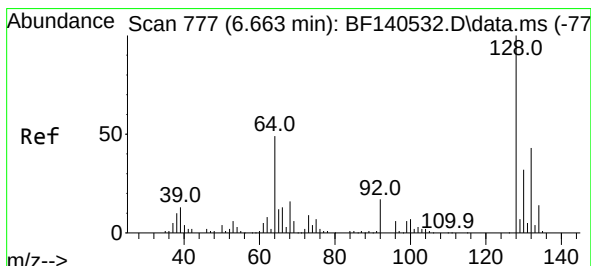
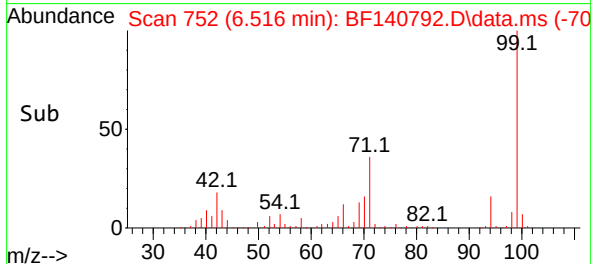
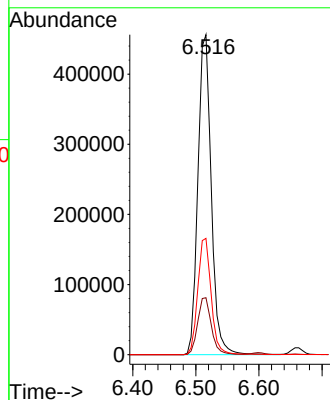
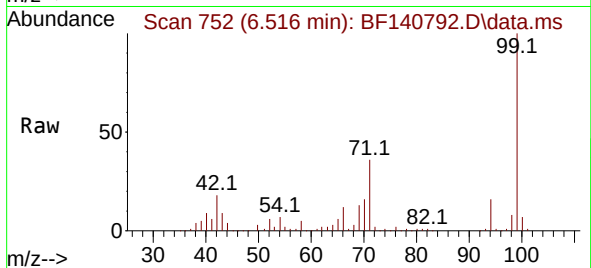




#7
Phenol-d6
Concen: 136.053 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

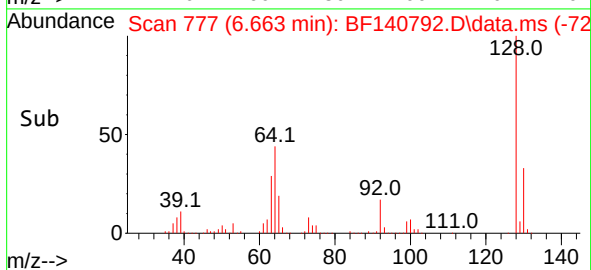
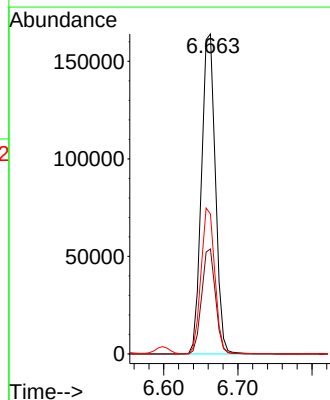
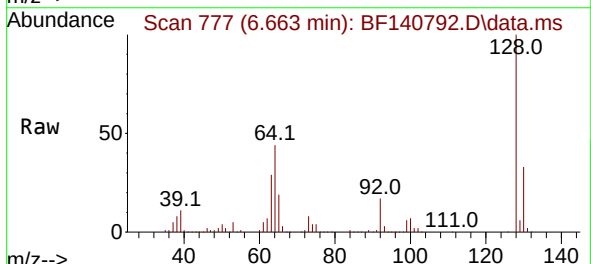
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

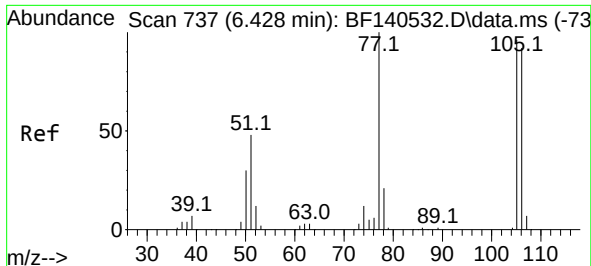
Tgt Ion: 99 Resp: 669772
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.3 30.6 46.0



#8
2-Chlorophenol
Concen: 53.674 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:128 Resp: 215029
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 43.8 30.2 70.2





#9

Benzaldehyde

Concen: 3.287 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

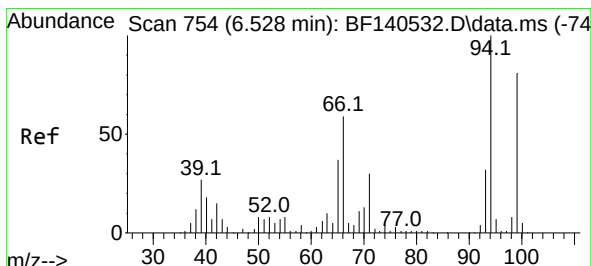
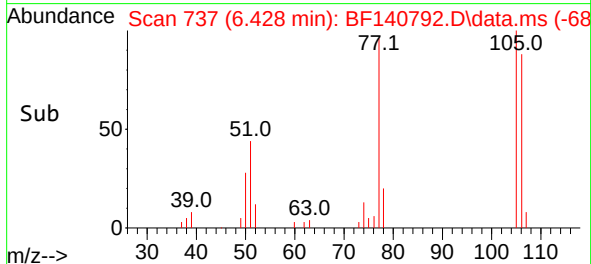
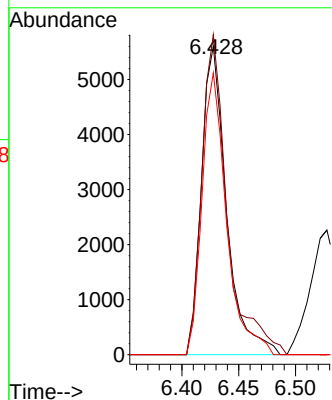
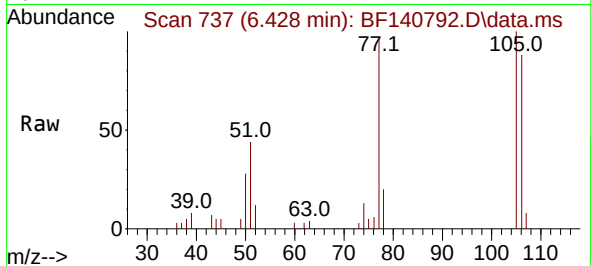
Tgt Ion: 77 Resp: 8565

Ion Ratio Lower Upper

77 100

105 103.8 75.6 115.6

106 91.4 72.0 112.0



#10

Phenol

Concen: 47.398 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

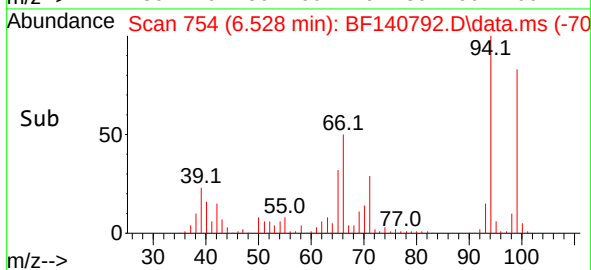
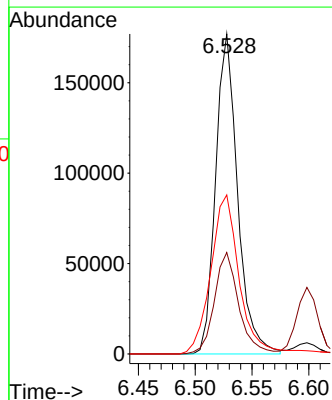
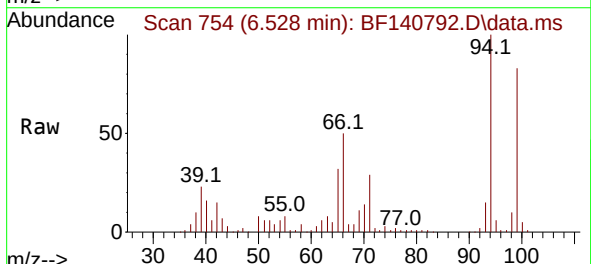
Tgt Ion: 94 Resp: 238292

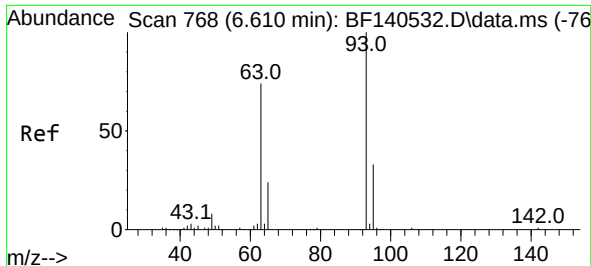
Ion Ratio Lower Upper

94 100

65 31.7 17.2 57.2

66 49.7 39.2 79.2

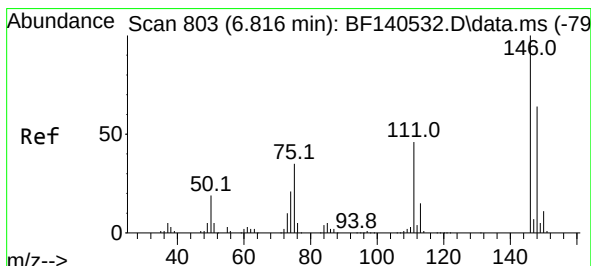
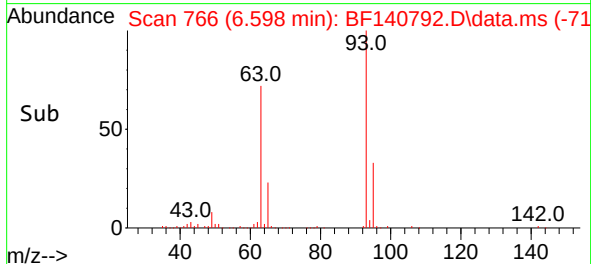
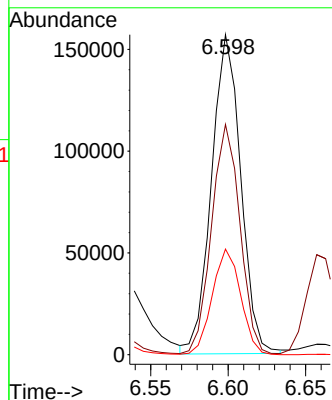
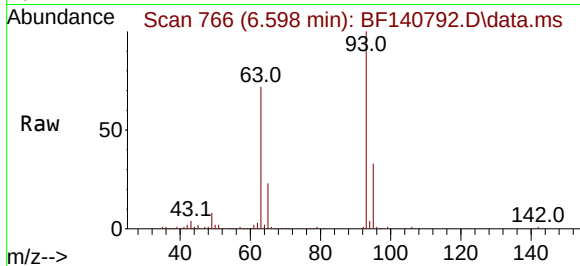




#11
bis(2-Chloroethyl)ether
Concen: 53.506 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

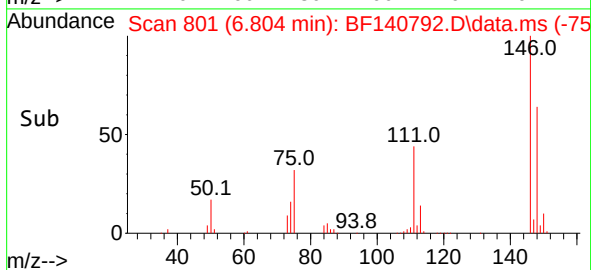
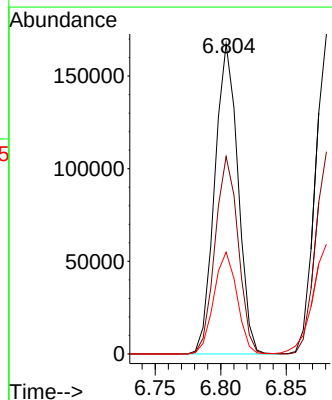
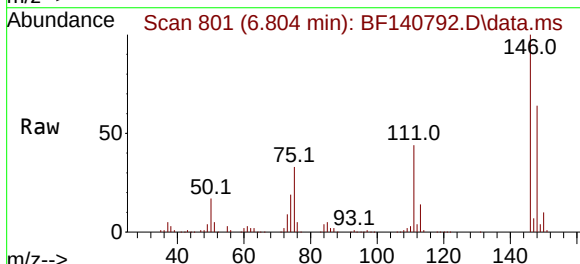
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

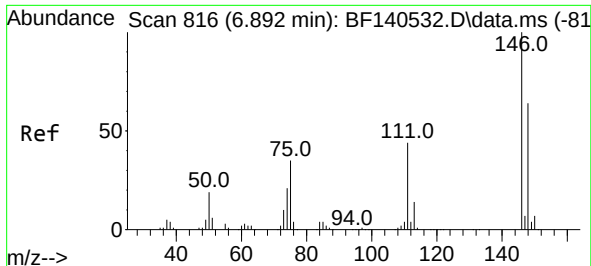
Tgt Ion: 93 Resp: 205848
Ion Ratio Lower Upper
93 100
63 71.9 52.8 92.8
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.774 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:146 Resp: 206053
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 32.9 28.2 42.2

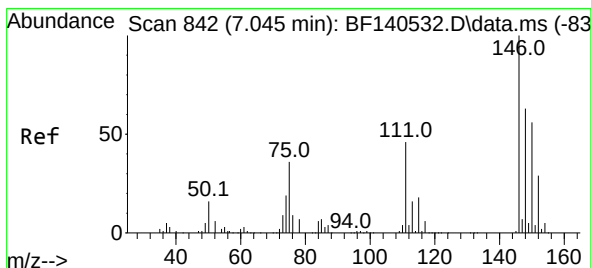
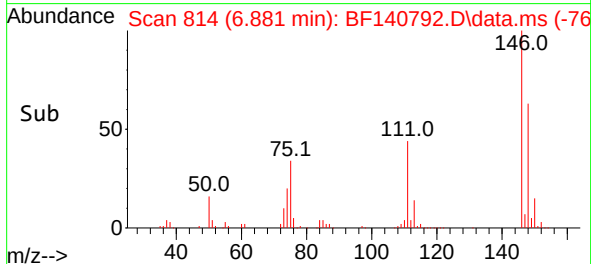
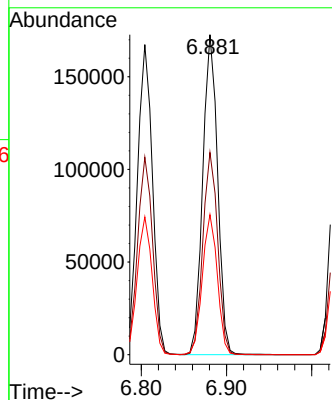
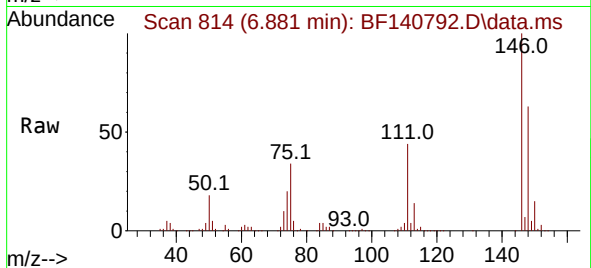




#13
1,4-Dichlorobenzene
Concen: 45.946 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

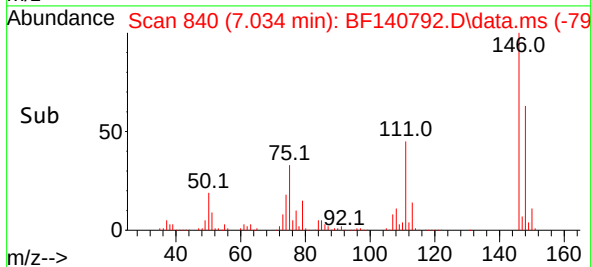
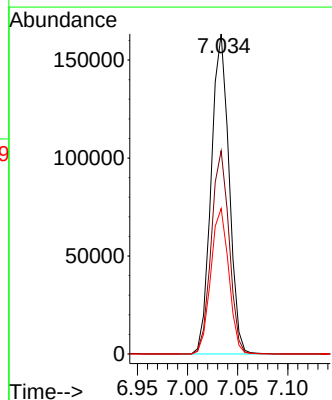
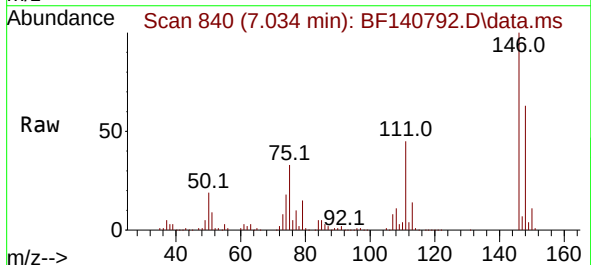
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

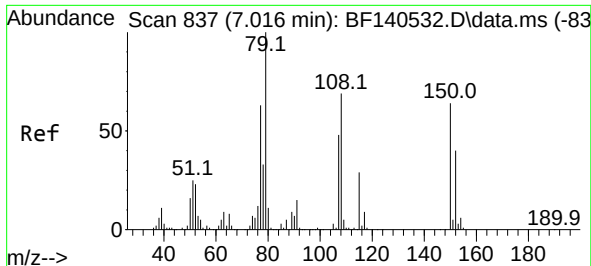
Tgt Ion:146 Resp: 209419
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 43.8 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 47.431 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:146 Resp: 202579
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 45.4 36.7 55.1

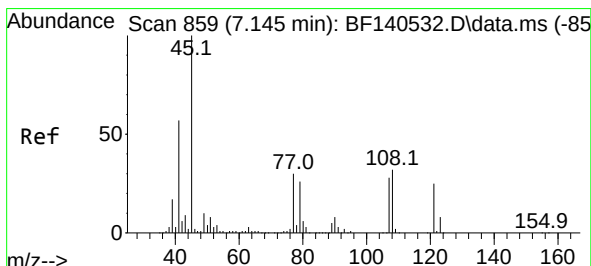
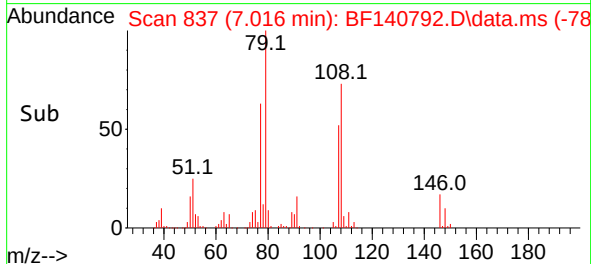
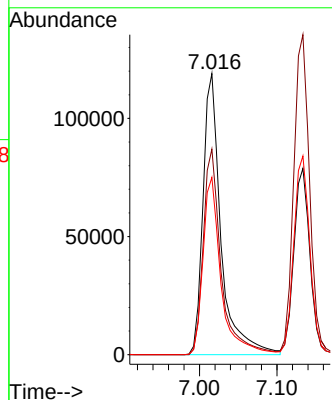
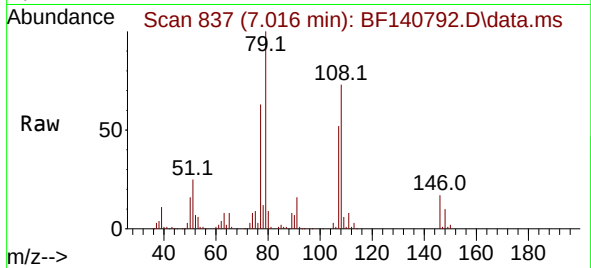




#15
Benzyl Alcohol
Concen: 52.753 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

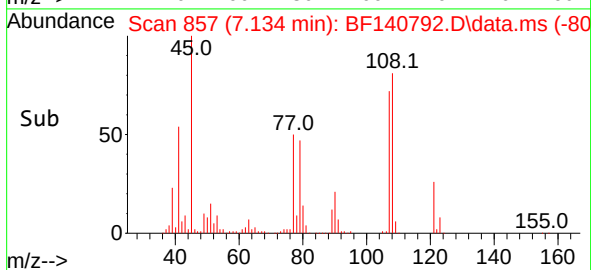
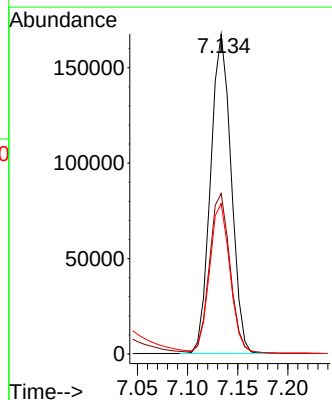
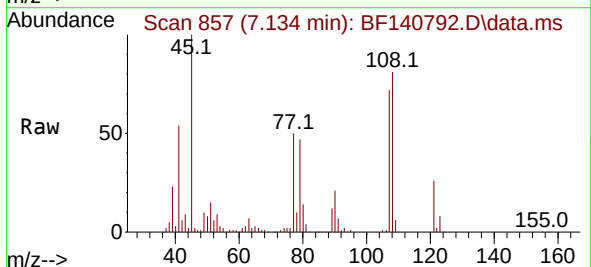
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

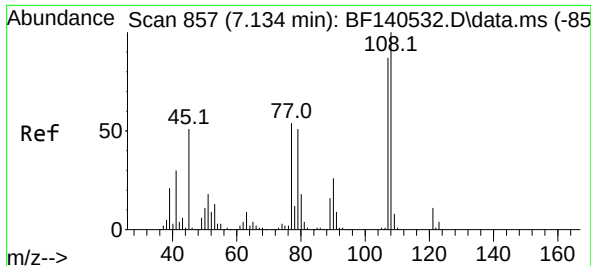
Tgt Ion: 79 Resp: 192590
Ion Ratio Lower Upper
79 100
108 73.1 55.0 82.6
77 63.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.535 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 45 Resp: 238773
Ion Ratio Lower Upper
45 100
77 50.2 10.7 50.7
79 47.0 7.0 47.0#

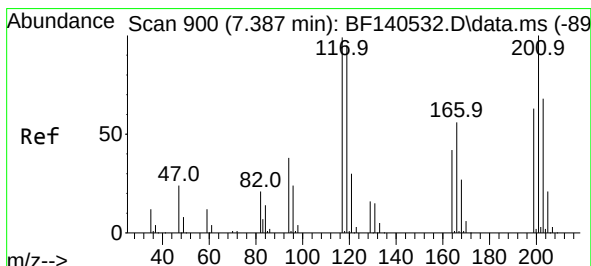
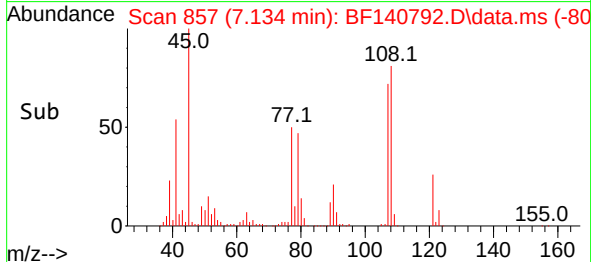
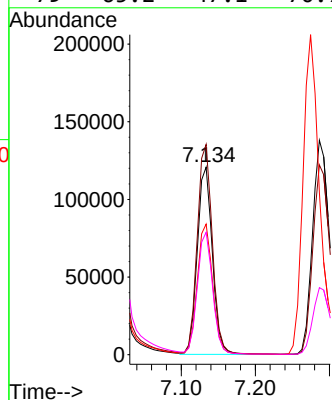
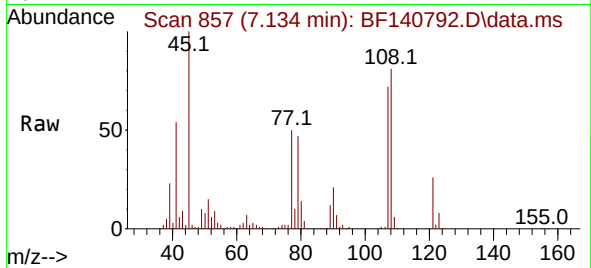




#17
2-Methylphenol
Concen: 53.120 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

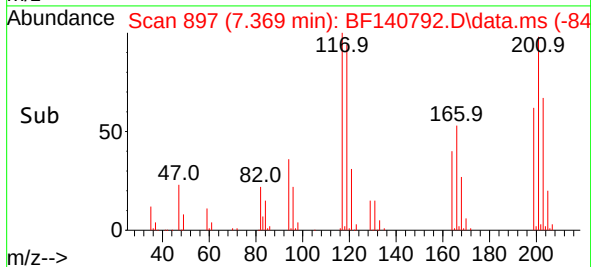
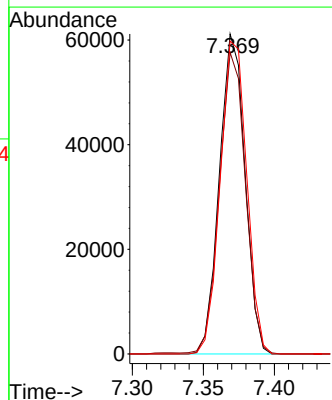
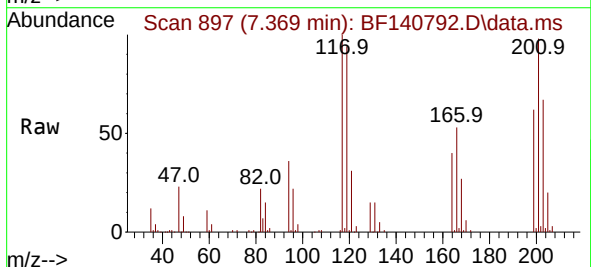
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

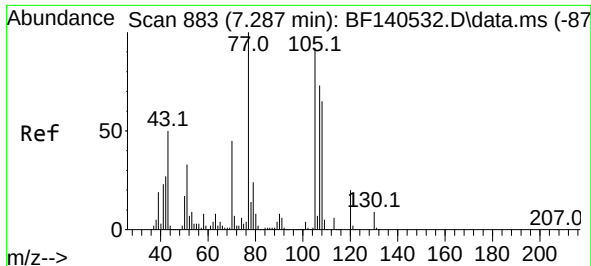
Tgt Ion:107 Resp: 170350
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 69.6 49.3 73.9
79 65.2 47.1 70.7



#18
Hexachloroethane
Concen: 45.009 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:117 Resp: 76621
Ion Ratio Lower Upper
117 100
119 94.2 77.1 115.7
201 97.8 81.1 121.7



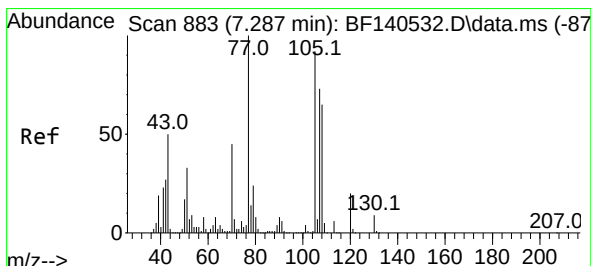
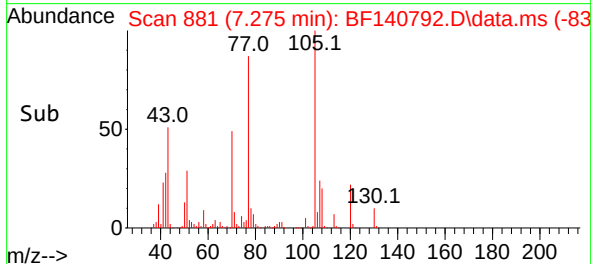
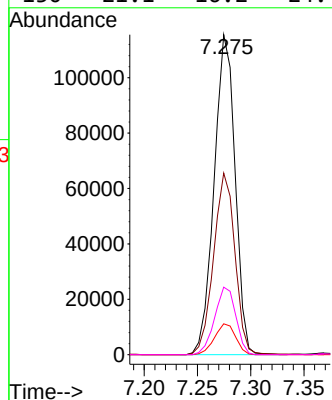
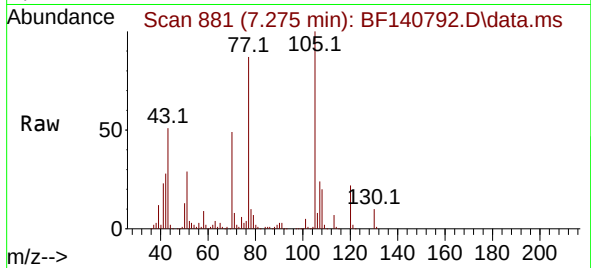


#19
n-Nitroso-di-n-propylamine
Concen: 54.284 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion: 70 Resp: 157936

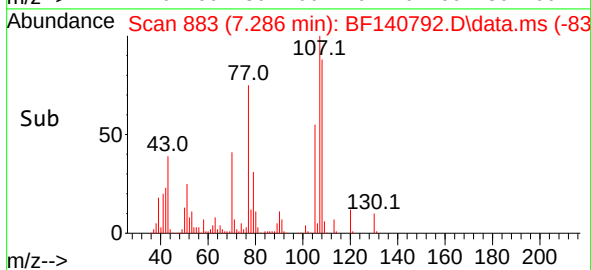
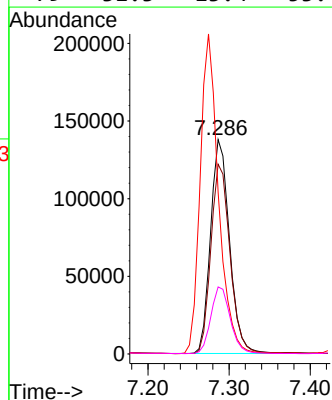
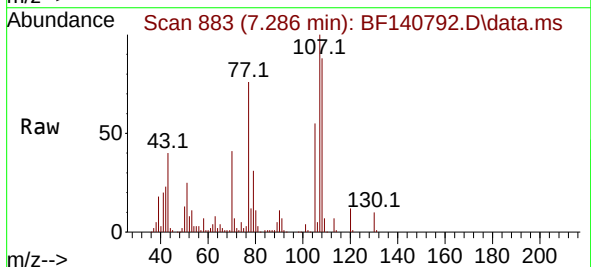
Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.6	71.4
101	9.7	7.6	11.4
130	21.1	16.2	24.4

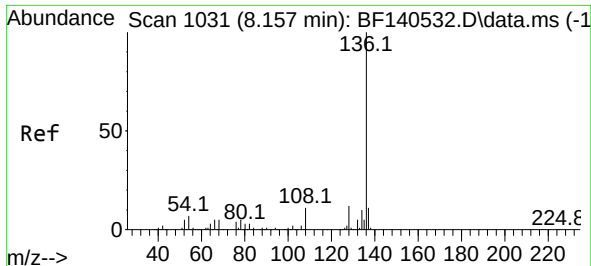


#20
3+4-Methylphenols
Concen: 54.251 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 107 Resp: 223621

Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	75.5	117.7	157.7#
79	31.3	13.4	53.4

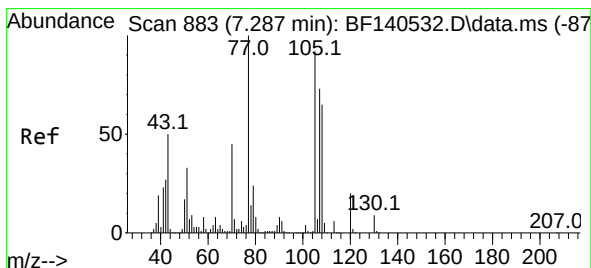
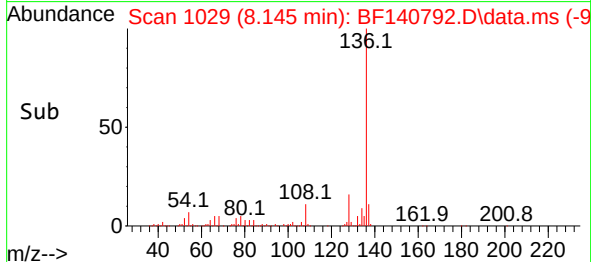
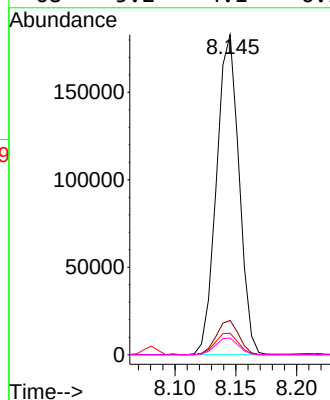
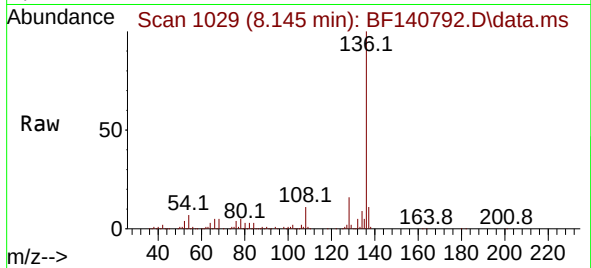




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

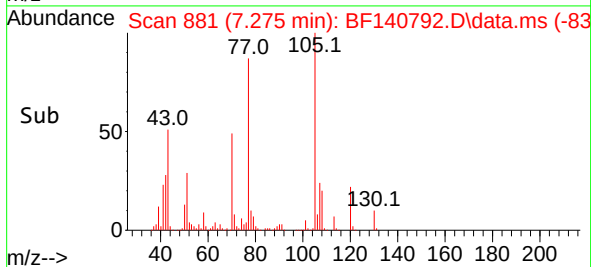
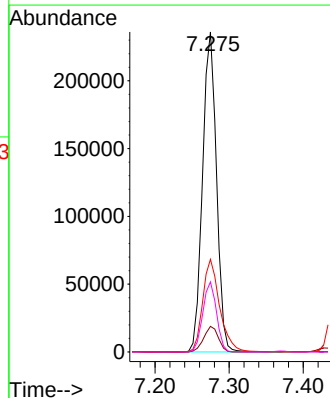
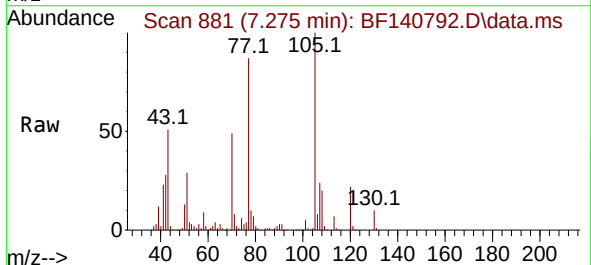
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

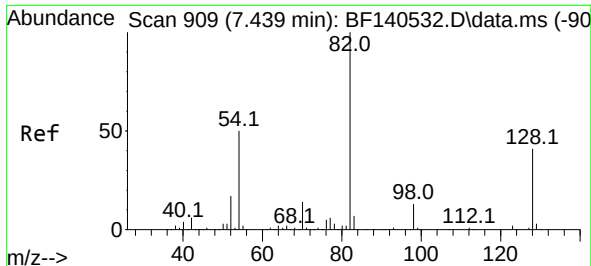
Tgt	Ion:136	Resp:	235636
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.7	5.8	8.8
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 53.682 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt	Ion:105	Resp:	308388
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.2	9.2
51	29.0	29.0	43.6#
120	21.9	17.4	26.0

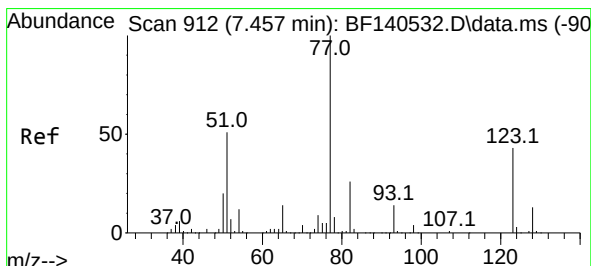
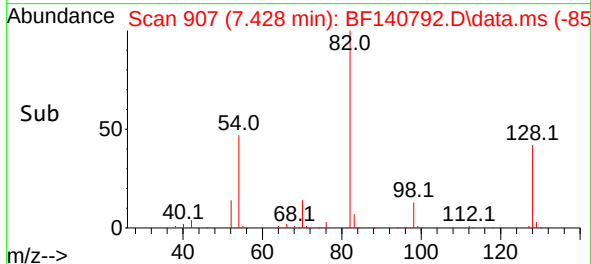
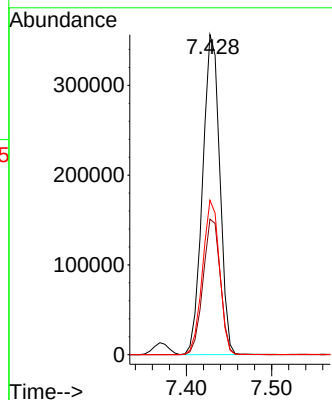
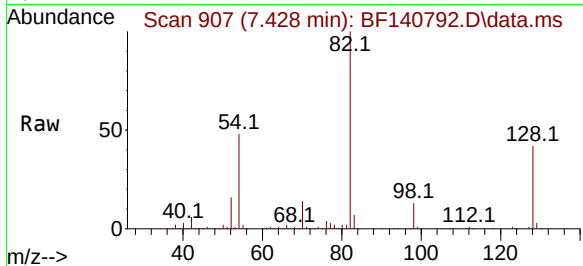




#23
Nitrobenzene-d5
Concen: 108.283 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

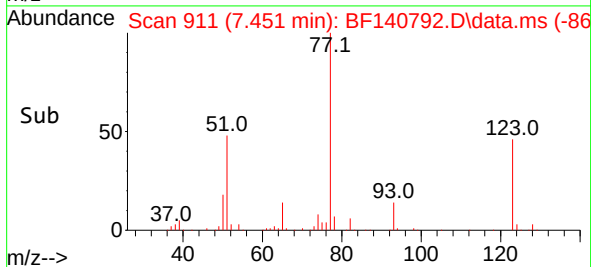
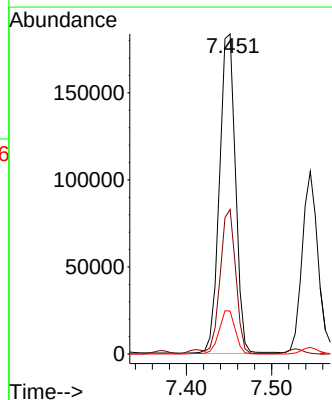
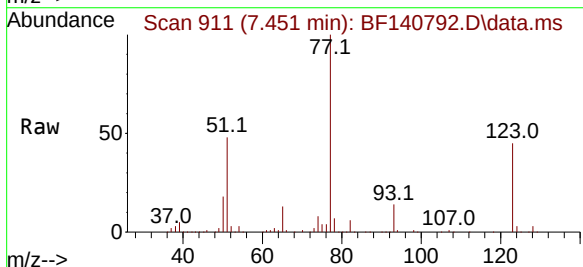
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

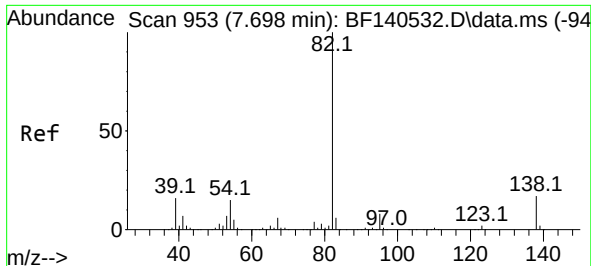
Tgt Ion: 82 Resp: 498832
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 48.3 39.5 59.3



#24
Nitrobenzene
Concen: 50.549 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 77 Resp: 240674
Ion Ratio Lower Upper
77 100
123 45.2 34.3 51.5
65 13.4 11.2 16.8

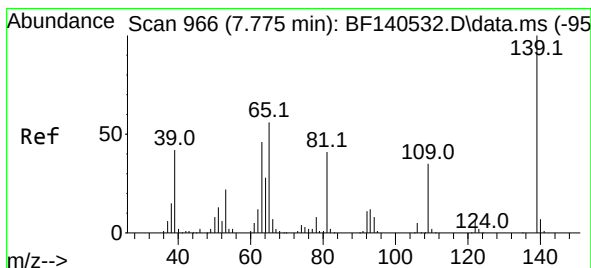
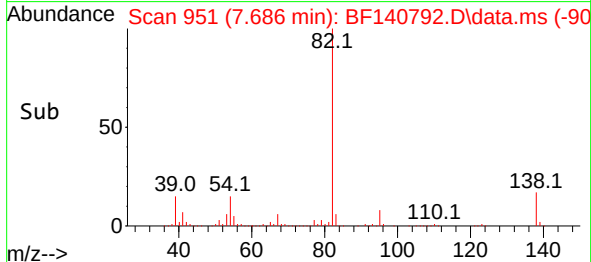
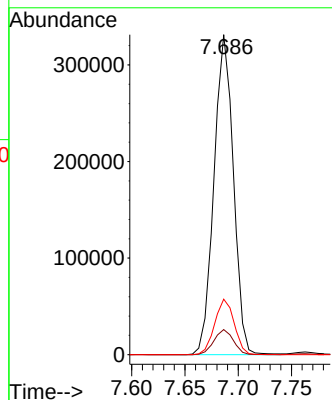
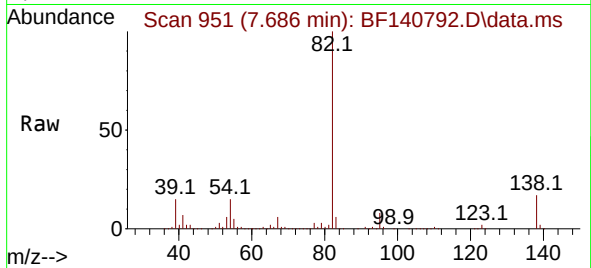




#25
Isophorone
Concen: 54.766 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

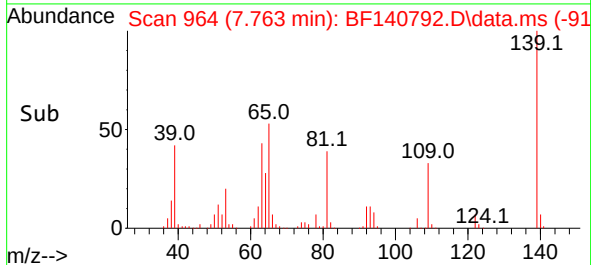
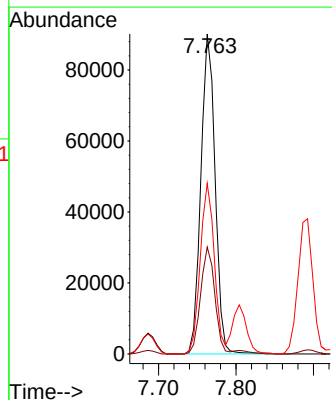
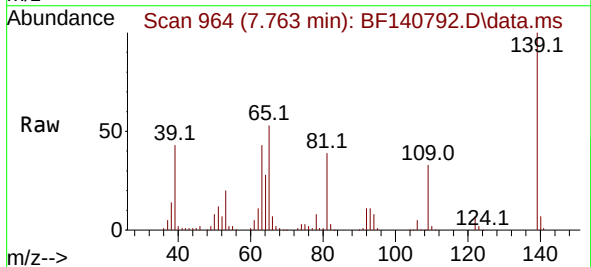
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

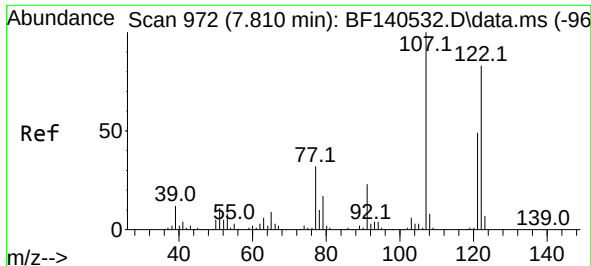
Tgt Ion: 82 Resp: 420805
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 54.509 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:139 Resp: 115012
Ion Ratio Lower Upper
139 100
109 33.4 28.0 42.0
65 53.3 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 65.854 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

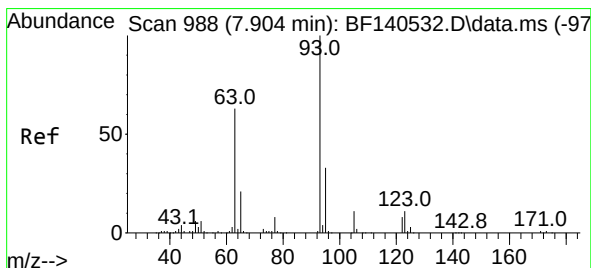
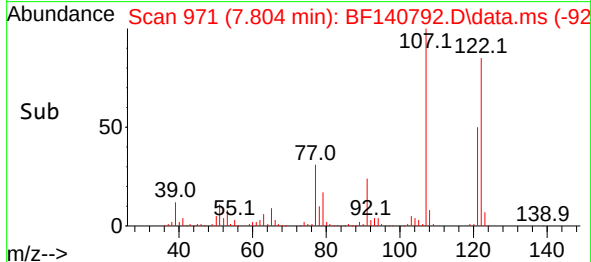
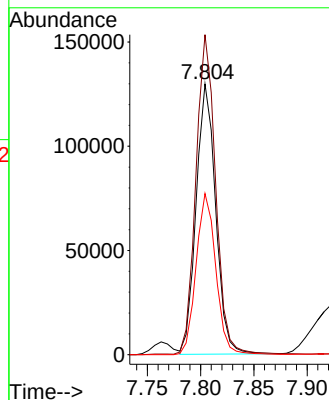
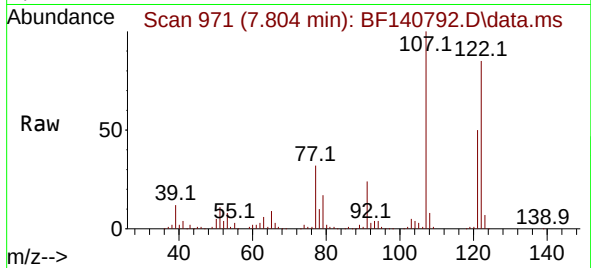
Tgt Ion:122 Resp: 166249

Ion Ratio Lower Upper

122 100

107 118.2 96.8 145.2

121 59.5 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 53.844 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

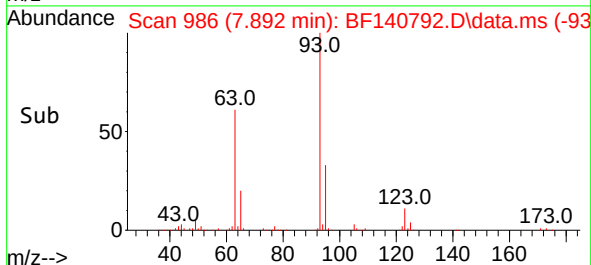
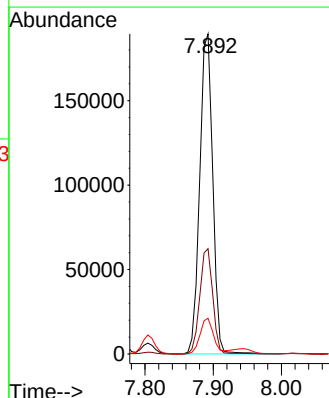
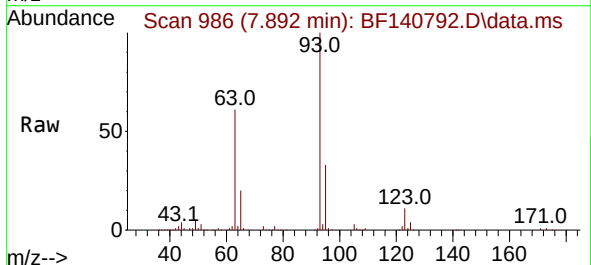
Tgt Ion: 93 Resp: 252040

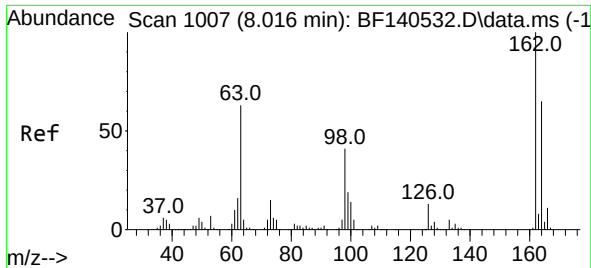
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.461 ng

RT: 8.016 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

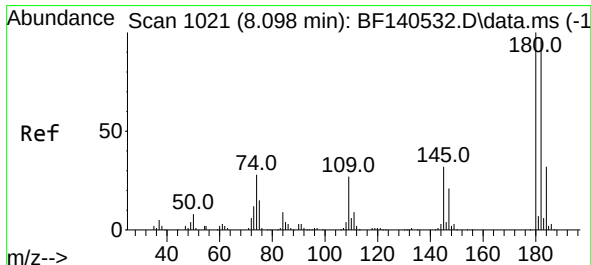
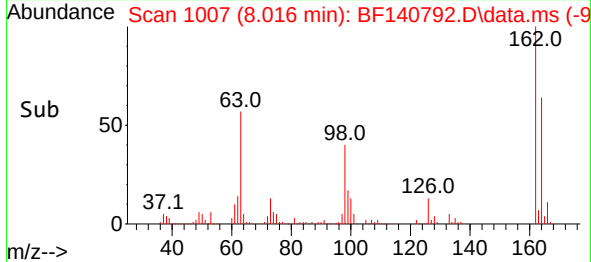
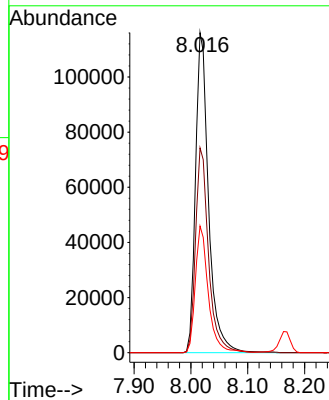
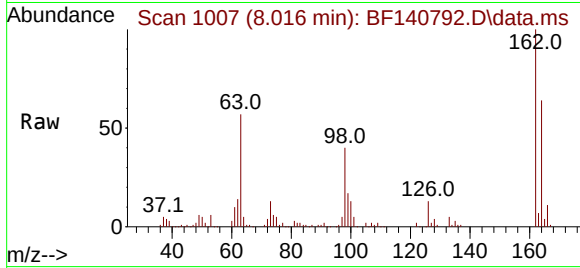
Tgt Ion:162 Resp: 185526

Ion Ratio Lower Upper

162 100

164 64.0 44.8 84.8

98 39.6 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 49.271 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

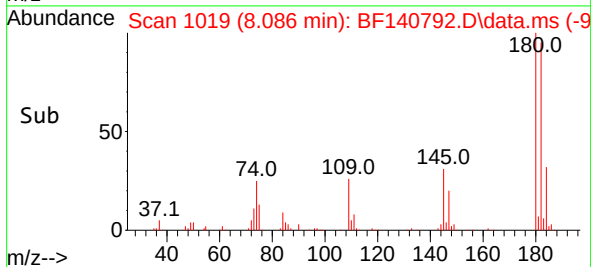
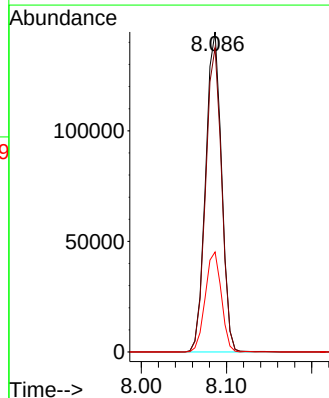
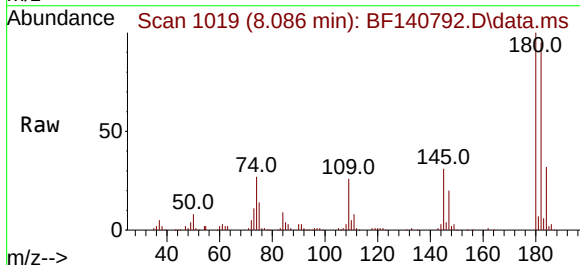
Tgt Ion:180 Resp: 188188

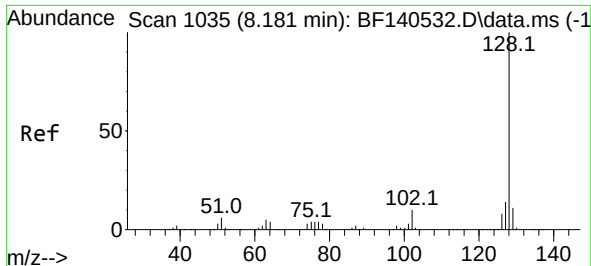
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 31.3 25.9 38.9

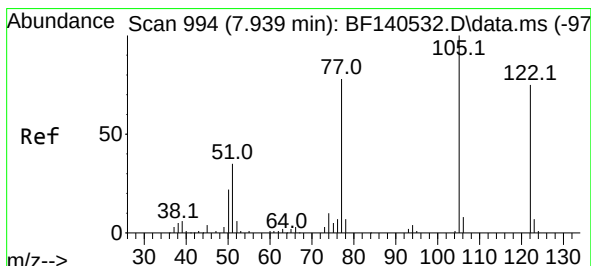
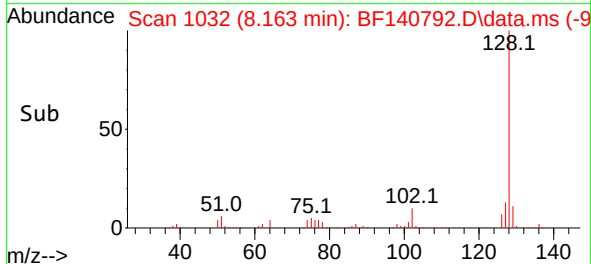
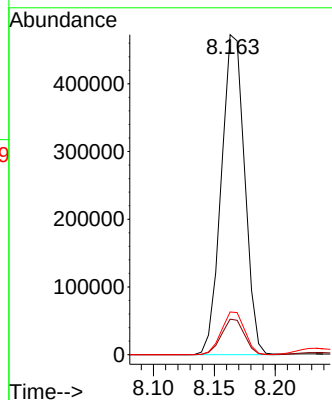
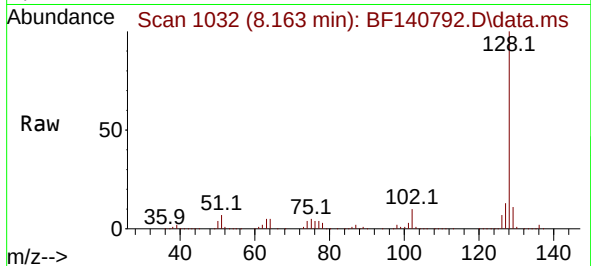




#31
Naphthalene
Concen: 51.939 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

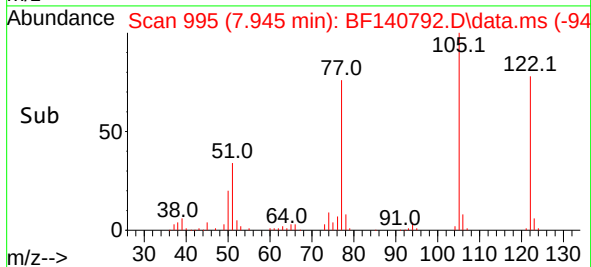
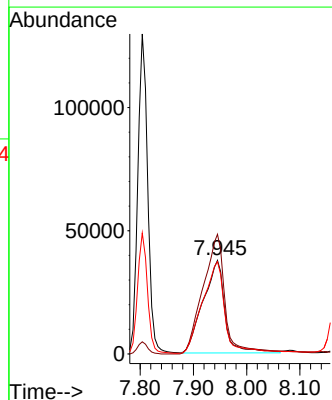
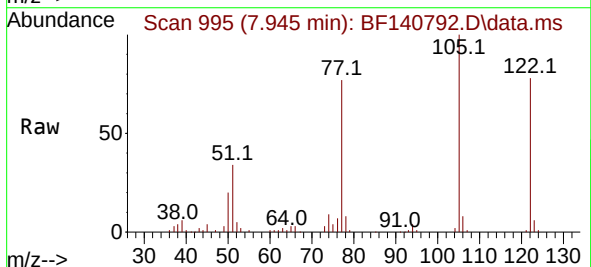
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

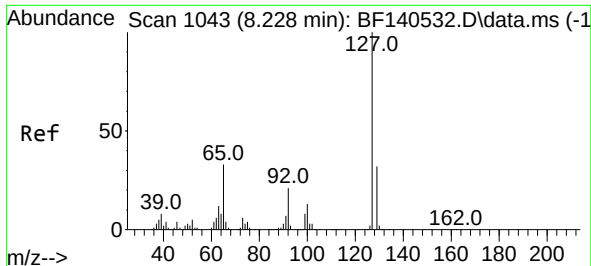
Tgt Ion:128 Resp: 630405
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 48.632 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:122 Resp: 107082
Ion Ratio Lower Upper
122 100
105 127.9 109.3 149.3
77 98.6 82.3 122.3

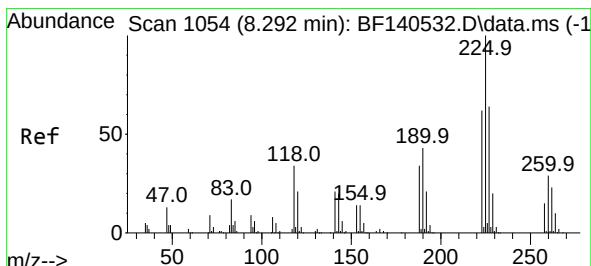
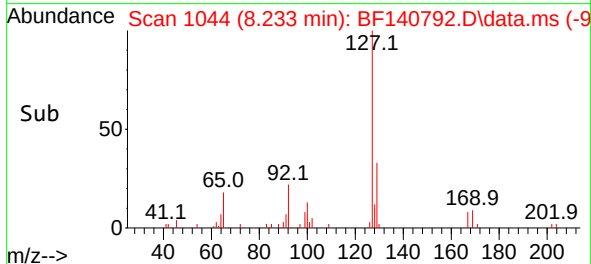
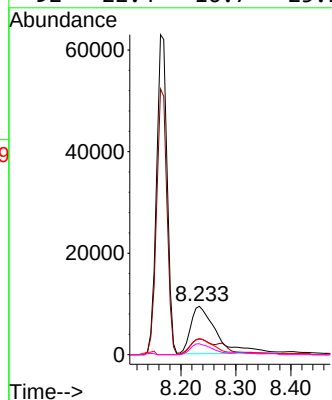
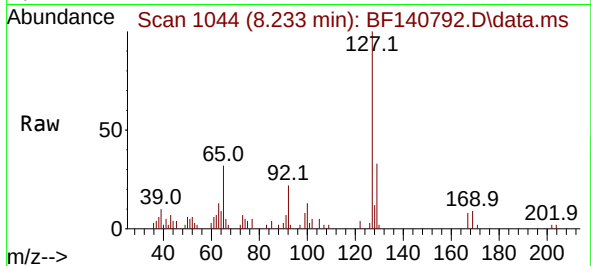




#33
4-Chloroaniline
Concen: 8.480 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

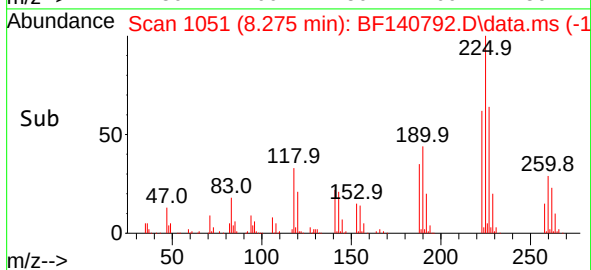
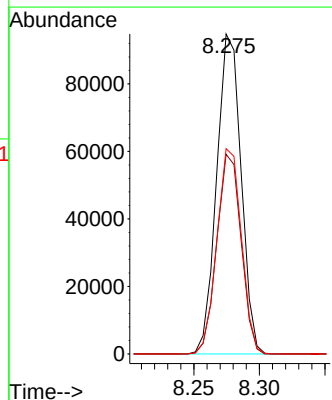
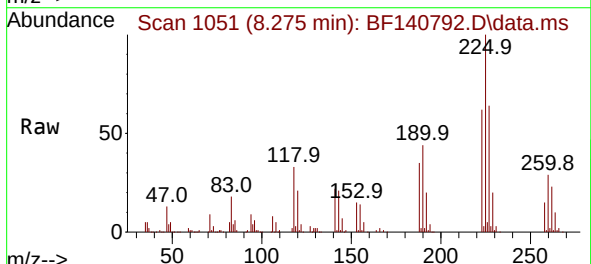
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

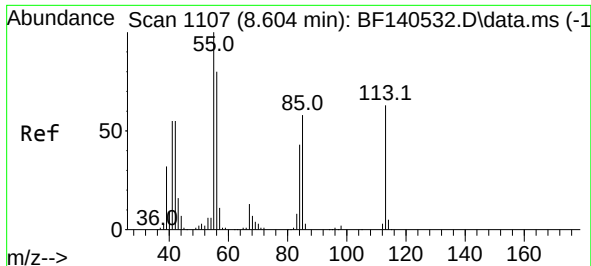
Tgt Ion:127	Resp:	30816
Ion	Ratio	Lower Upper
127	100	
129	33.1	26.0 39.0
65	32.2	26.0 39.0
92	22.4	16.7 25.1



#34
Hexachlorobutadiene
Concen: 48.403 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:225	Resp:	122451
Ion	Ratio	Lower Upper
225	100	
223	62.4	49.8 74.8
227	64.1	51.3 76.9

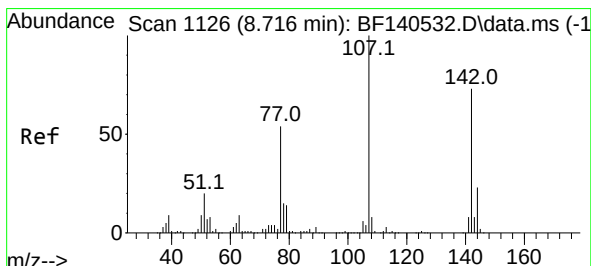
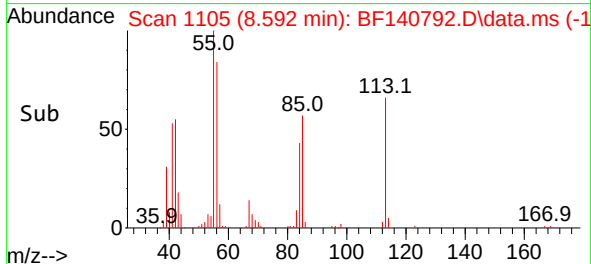
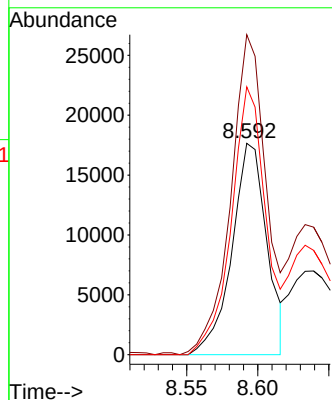
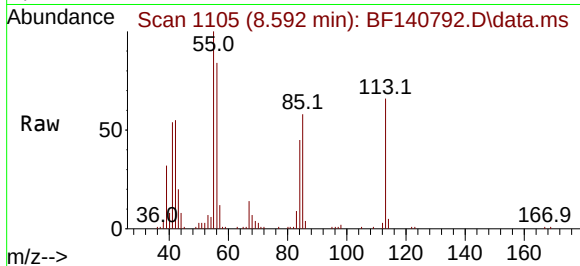




#35
Caprolactam
Concen: 29.148 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

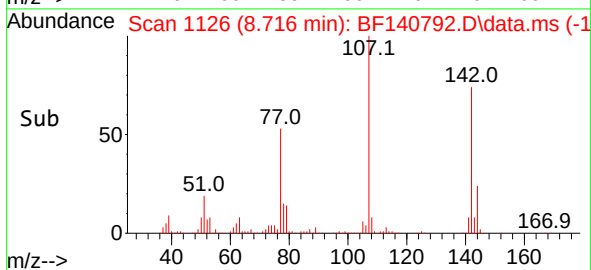
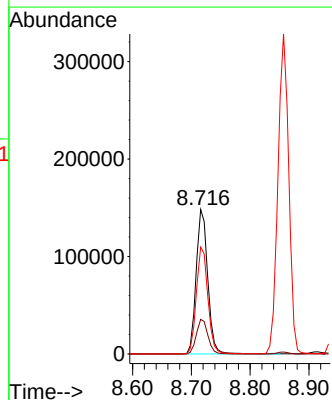
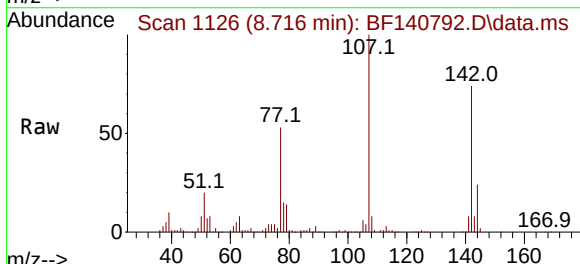
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

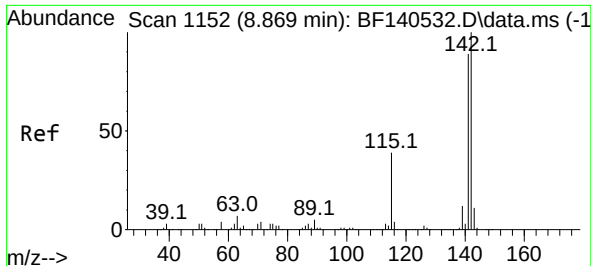
Tgt Ion:113 Resp: 30175
Ion Ratio Lower Upper
113 100
55 151.4 137.7 177.7
56 126.7 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 54.223 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:107 Resp: 203086
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 73.9 58.3 87.5

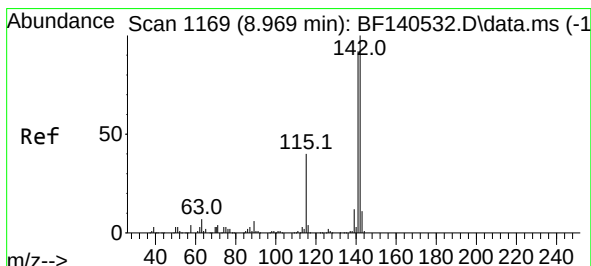
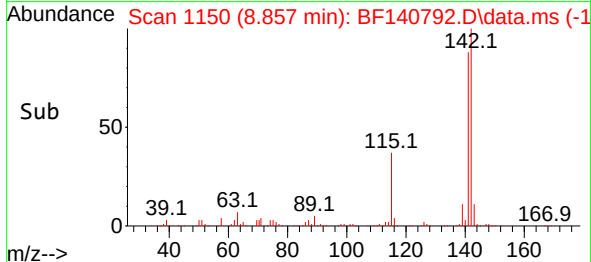
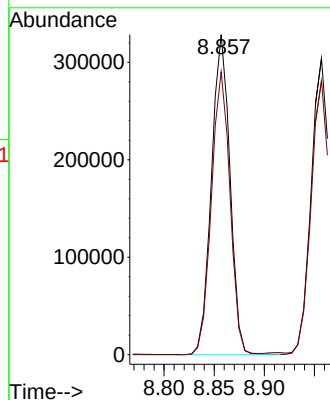
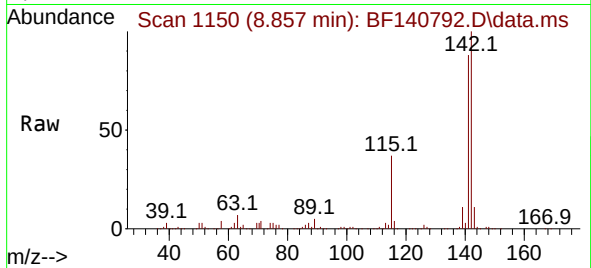




#37
2-Methylnaphthalene
Concen: 54.546 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

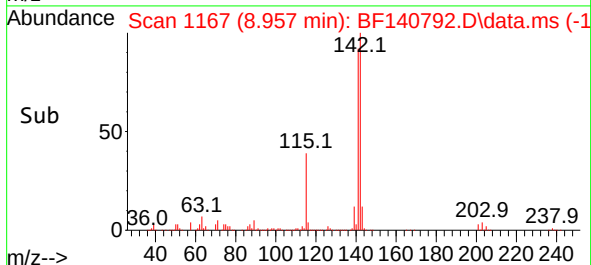
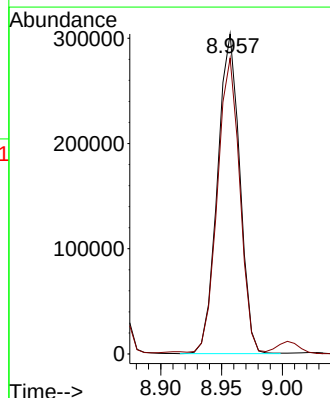
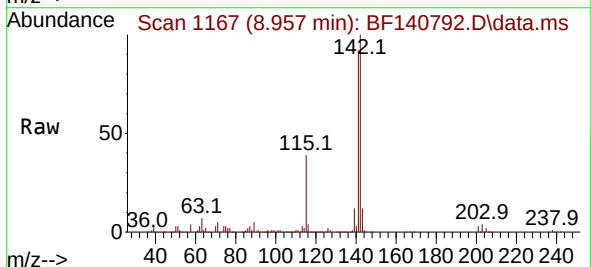
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

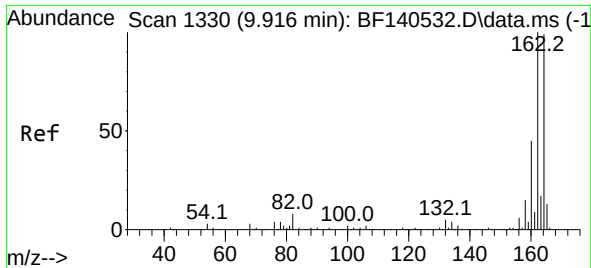
Tgt Ion:142 Resp: 420498
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 51.228 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:142 Resp: 387103
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9

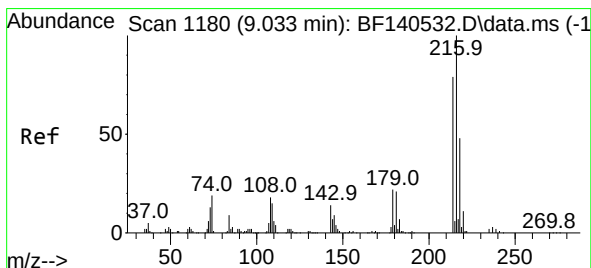
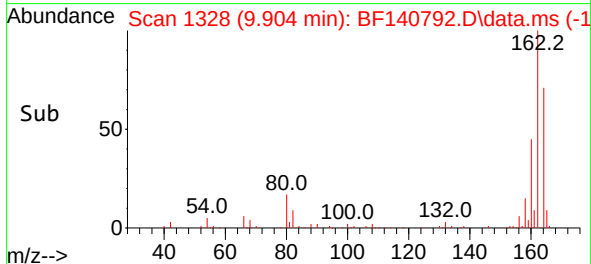
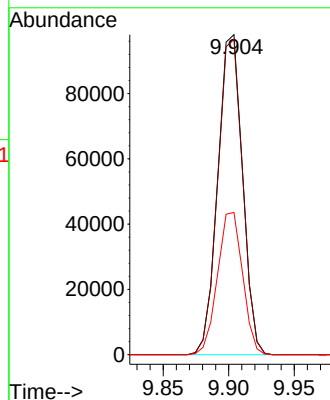
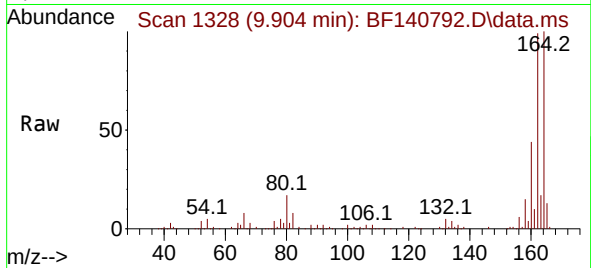




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

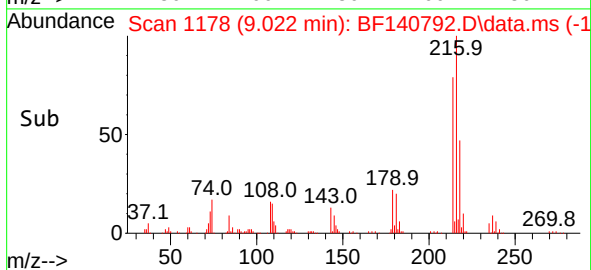
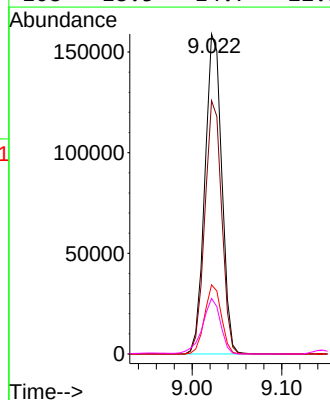
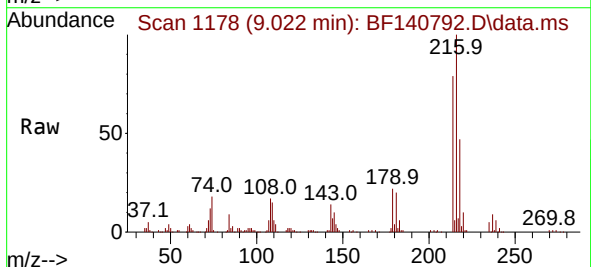
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

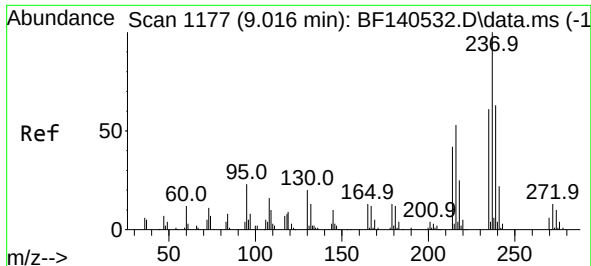
Tgt Ion:164 Resp: 128638
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 44.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.074 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

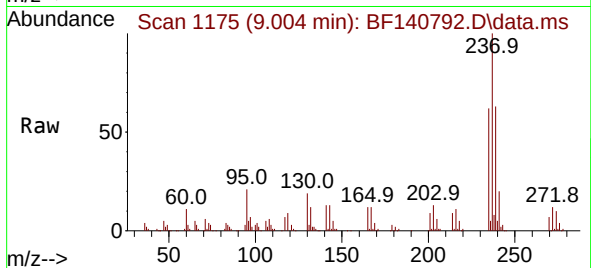
Tgt Ion:216 Resp: 207401
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.3 17.5 26.3
108 18.5 14.7 22.1



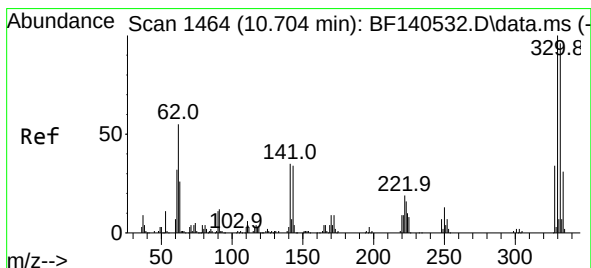
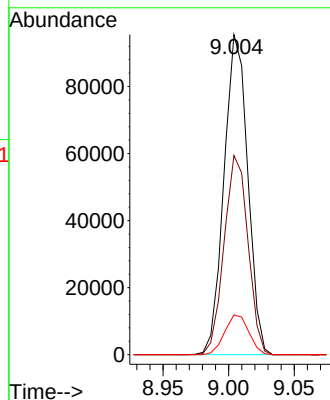
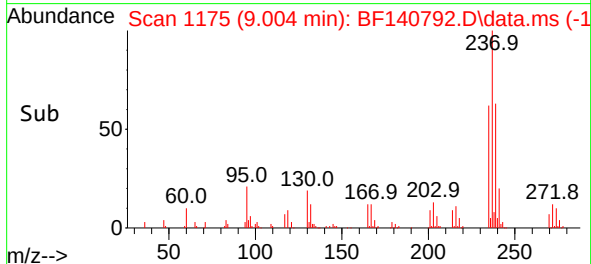


#41
Hexachlorocyclopentadiene
Concen: 136.135 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

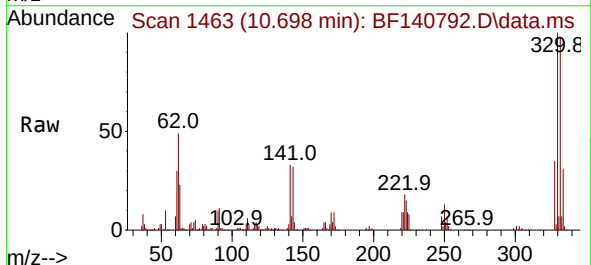
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



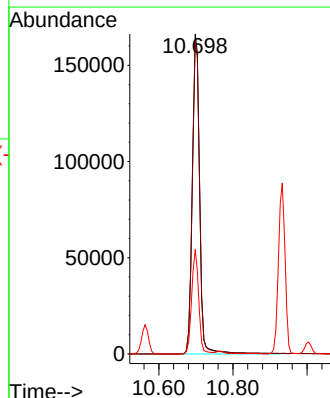
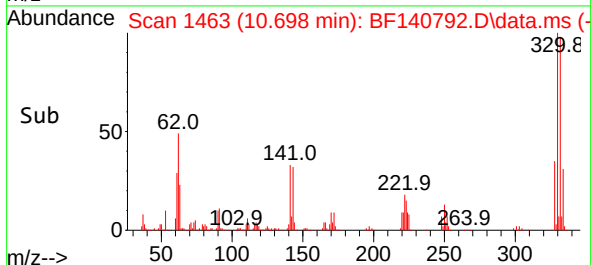
Tgt Ion:237 Resp: 120002
Ion Ratio Lower Upper
237 100
235 62.2 41.1 81.1
272 12.4 0.0 32.6

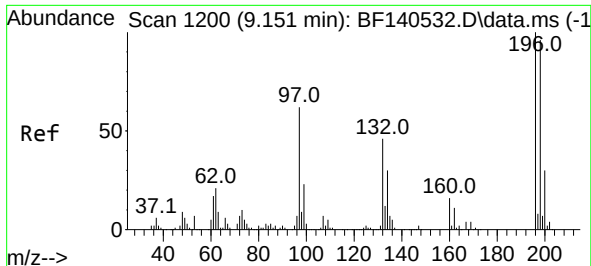


#42
2,4,6-Tribromophenol
Concen: 166.282 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:330 Resp: 228769
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 31.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 55.066 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

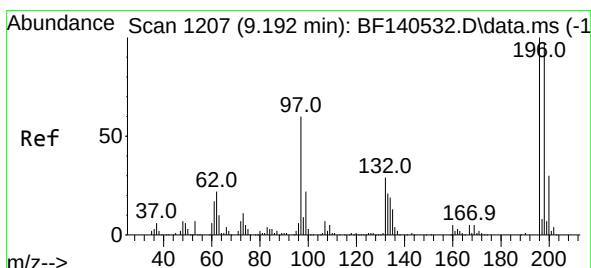
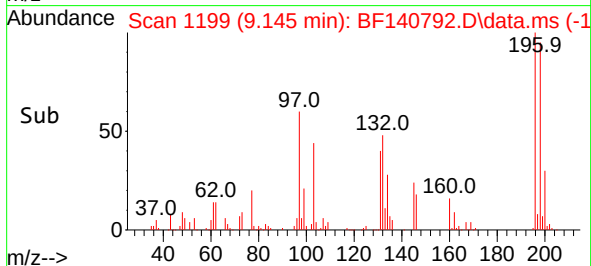
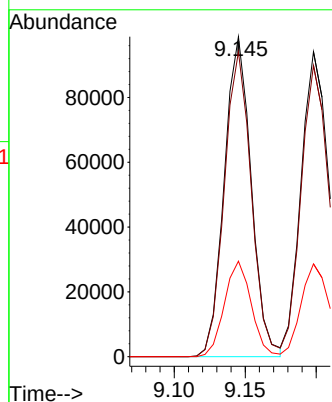
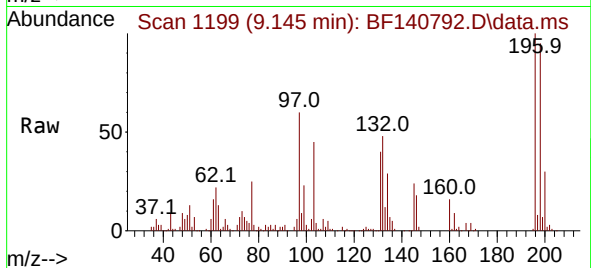
Tgt Ion:196 Resp: 130124

Ion Ratio Lower Upper

196 100

198 95.3 76.8 115.2

200 29.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 53.820 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:196 Resp: 138026

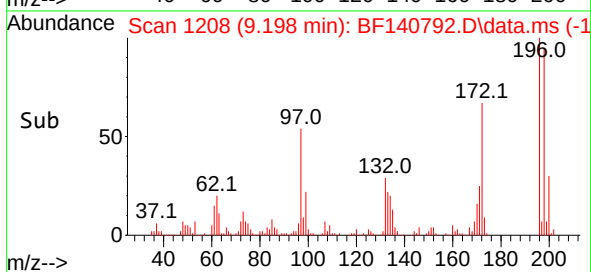
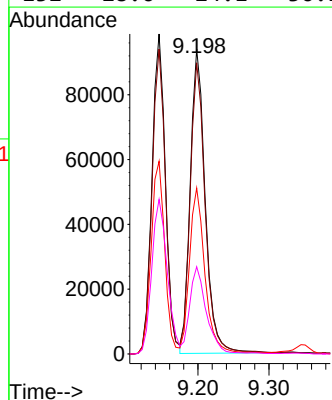
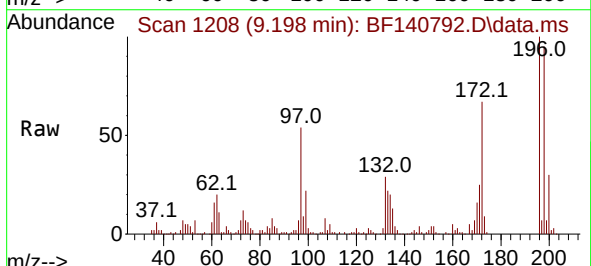
Ion Ratio Lower Upper

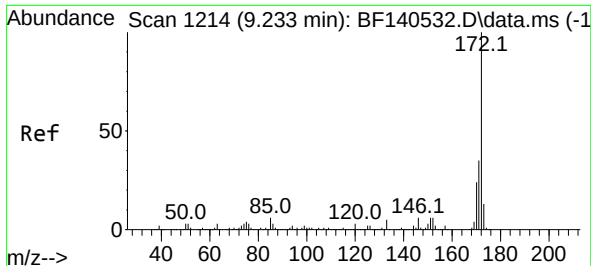
196 100

198 95.5 77.2 115.8

97 54.4 47.1 70.7

132 28.6 24.1 36.1

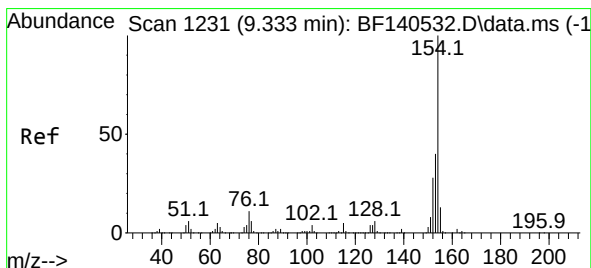
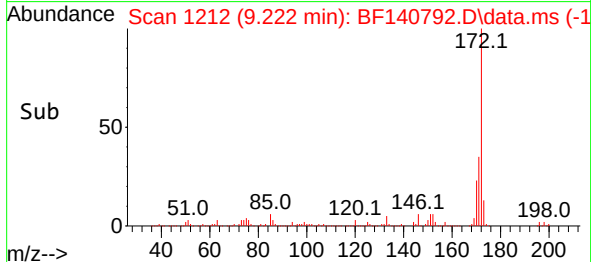
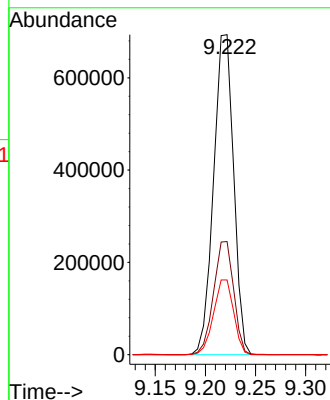
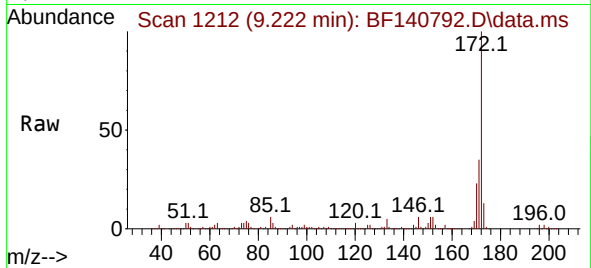




#45
2-Fluorobiphenyl
Concen: 111.582 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

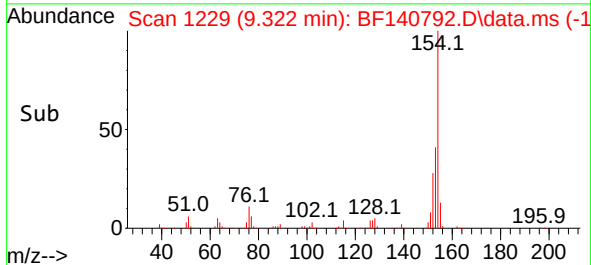
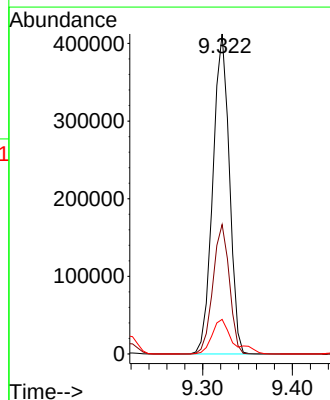
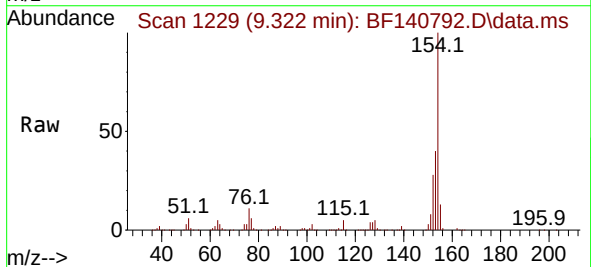
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

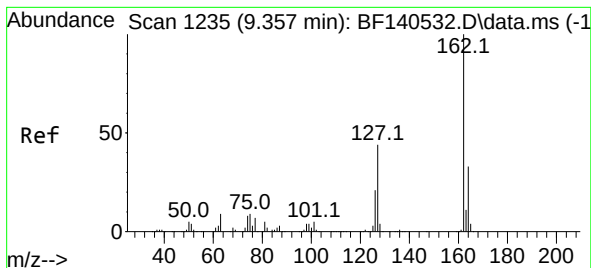
Tgt Ion:172 Resp: 963368
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 54.781 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:154 Resp: 526128
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 10.8 0.0 31.2





#47

2-Chloronaphthalene

Concen: 53.992 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

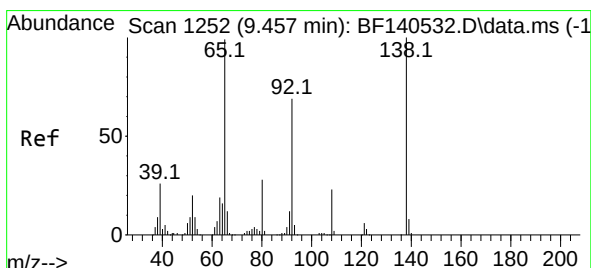
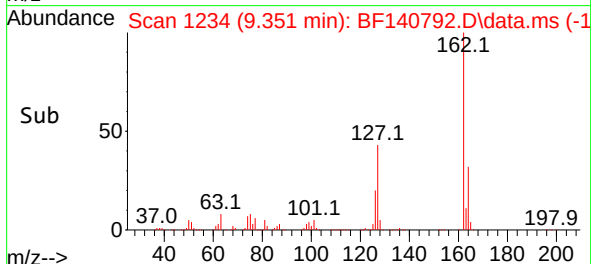
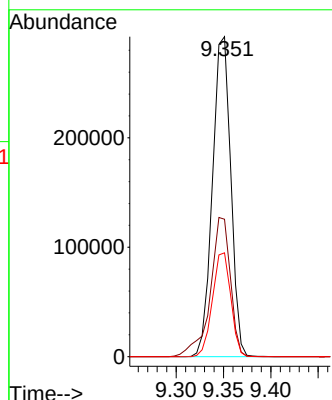
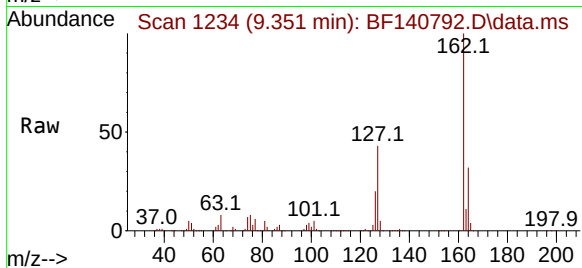
Tgt Ion:162 Resp: 392918

Ion Ratio Lower Upper

162 100

127 43.0 35.7 53.5

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 53.912 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

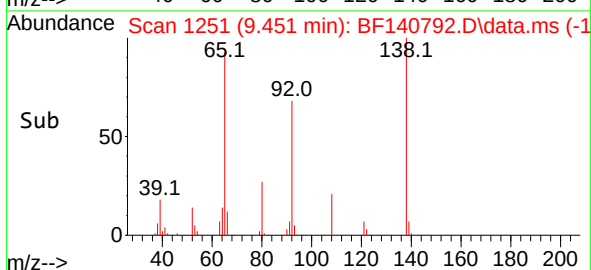
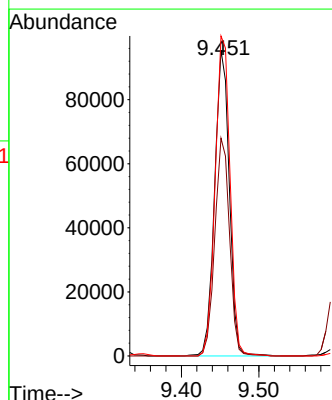
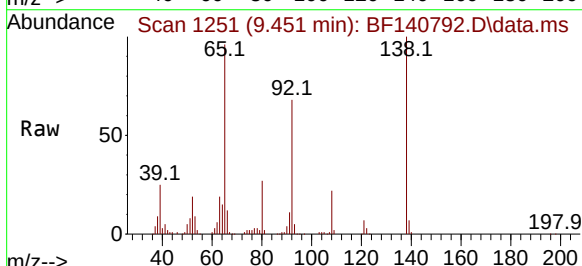
Tgt Ion: 65 Resp: 125933

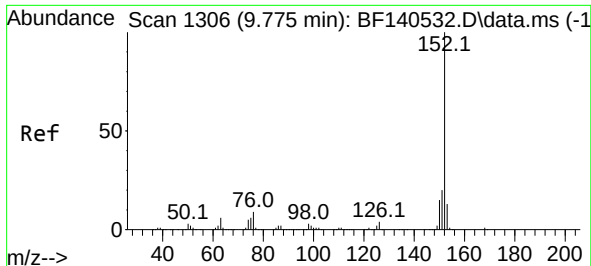
Ion Ratio Lower Upper

65 100

92 71.3 56.1 84.1

138 104.7 81.0 121.6





#49

Acenaphthylene

Concen: 57.980 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

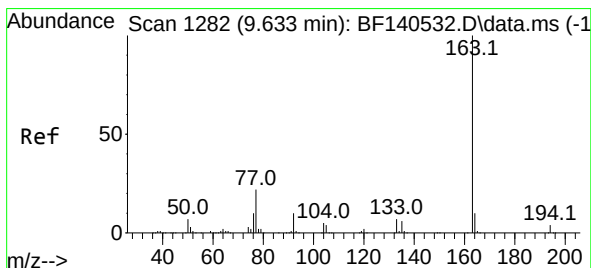
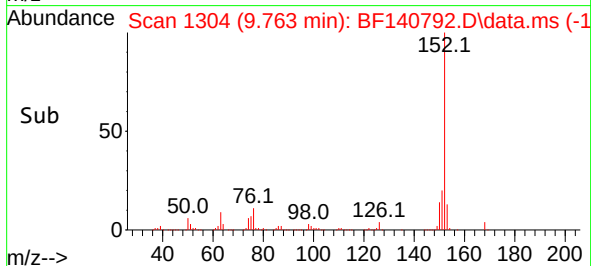
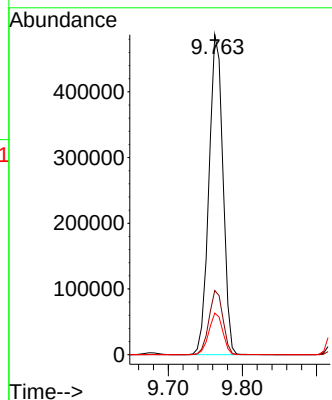
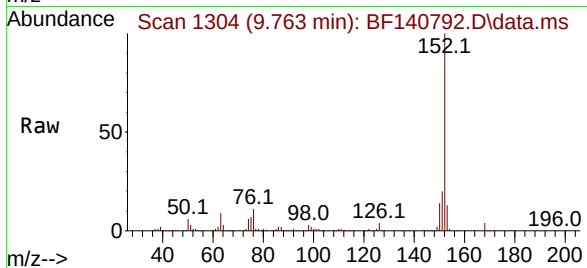
Tgt Ion:152 Resp: 637528

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 56.944 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

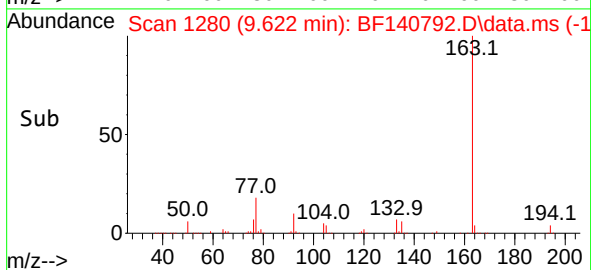
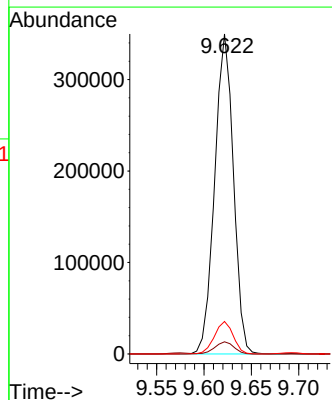
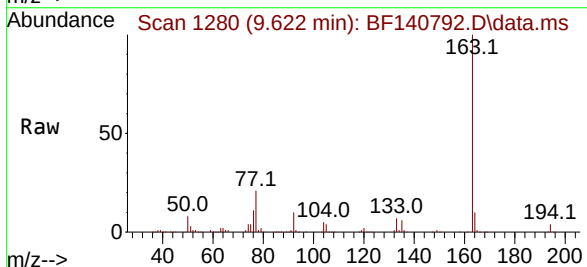
Tgt Ion:163 Resp: 482427

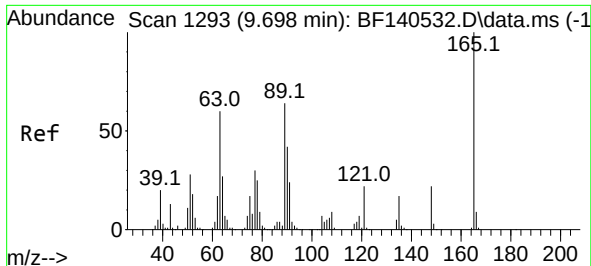
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 8.2 12.2

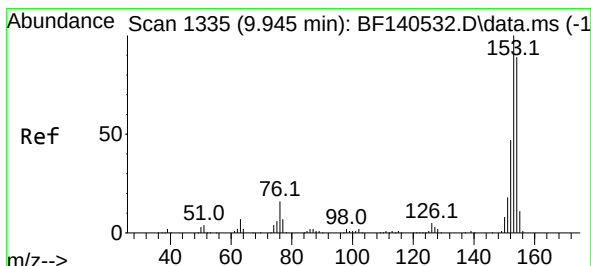
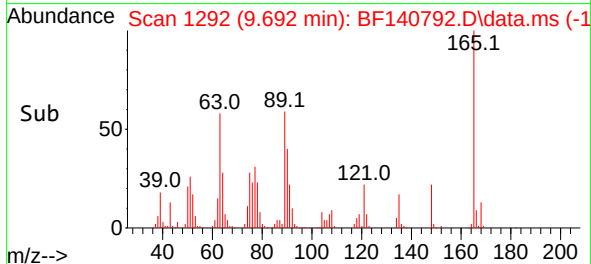
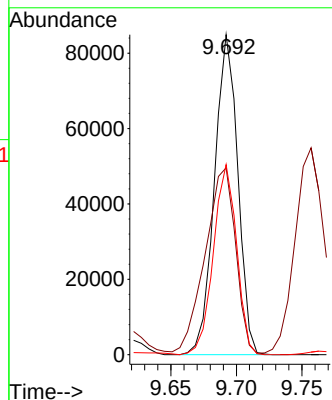
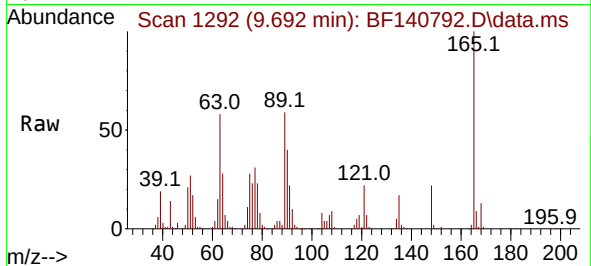




#51
2,6-Dinitrotoluene
Concen: 54.618 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

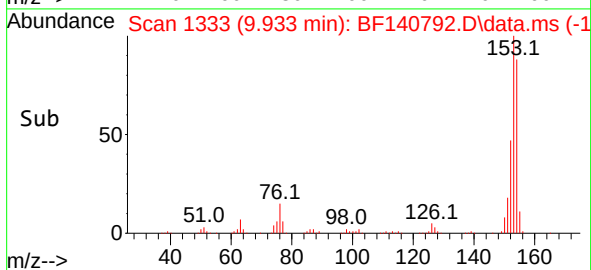
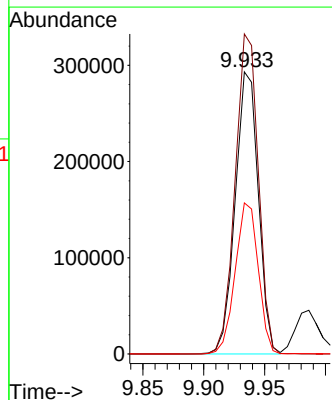
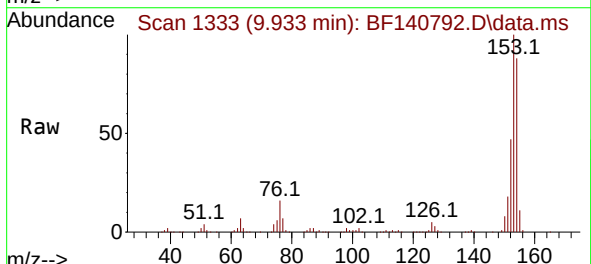
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

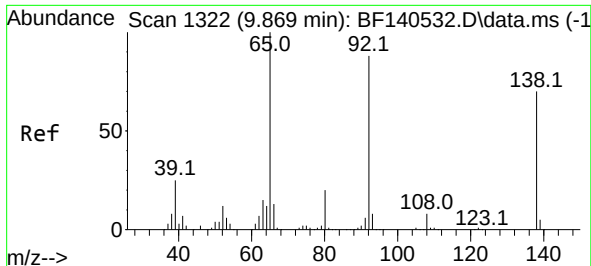
Tgt Ion:165 Resp: 104943
Ion Ratio Lower Upper
165 100
63 58.4 49.9 74.9
89 59.4 50.9 76.3



#52
Acenaphthene
Concen: 55.444 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:154 Resp: 387362
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 53.5 42.5 63.7

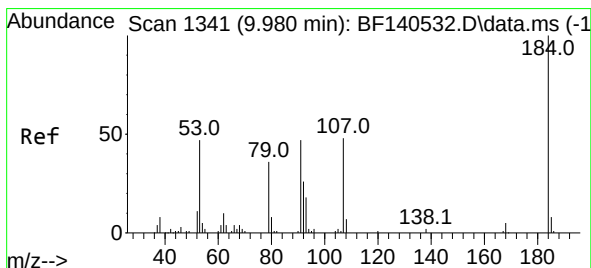
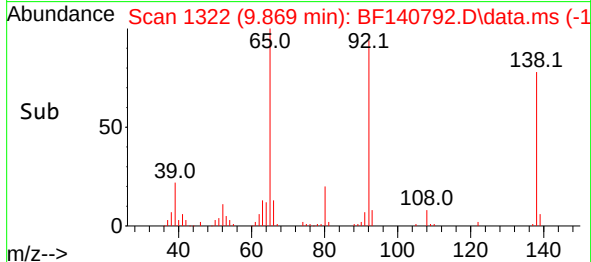
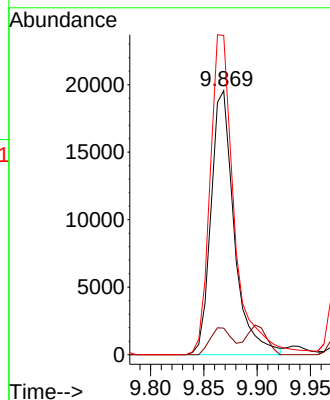
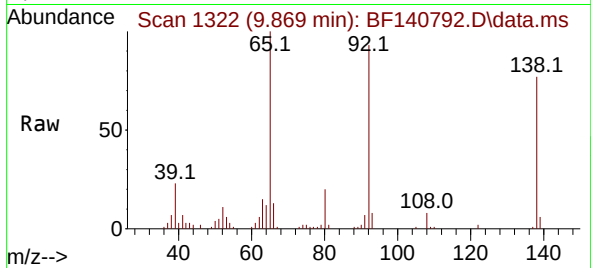




#53
3-Nitroaniline
Concen: 15.785 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

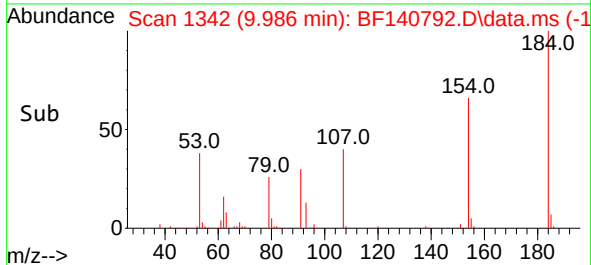
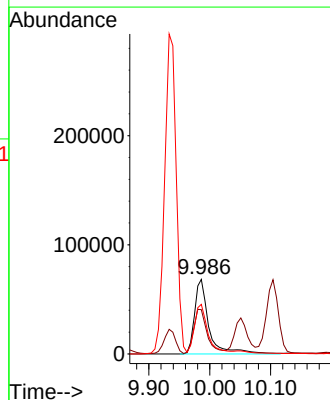
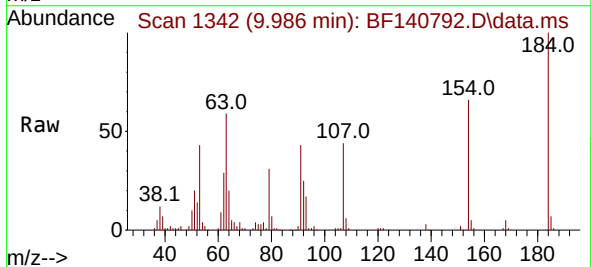
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

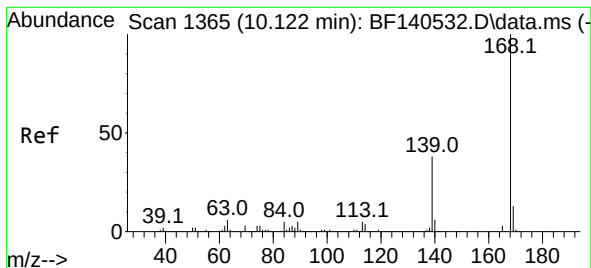
Tgt Ion:138 Resp: 29663
Ion Ratio Lower Upper
138 100
108 10.0 9.2 13.8
92 120.9 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 109.354 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:184 Resp: 111985
Ion Ratio Lower Upper
184 100
63 59.4 54.1 81.1
154 66.5 57.4 86.0





#55

Dibenzenofuran

Concen: 55.649 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

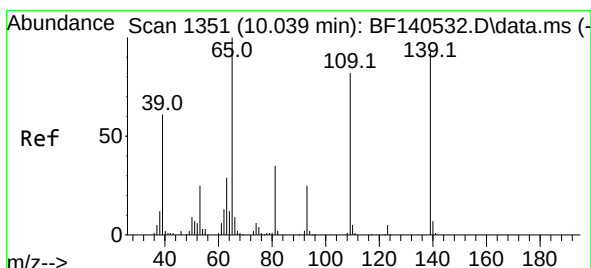
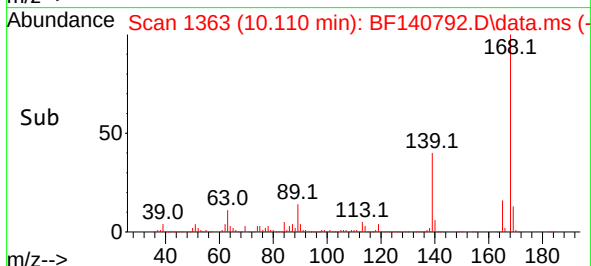
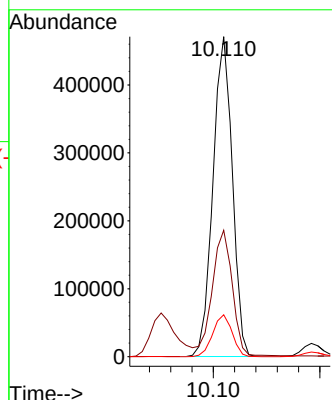
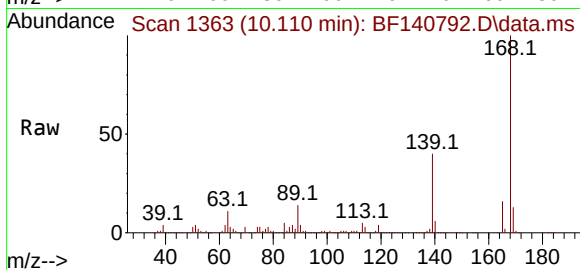
Tgt Ion:168 Resp: 593031

Ion Ratio Lower Upper

168 100

139 39.5 31.3 46.9

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 81.614 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

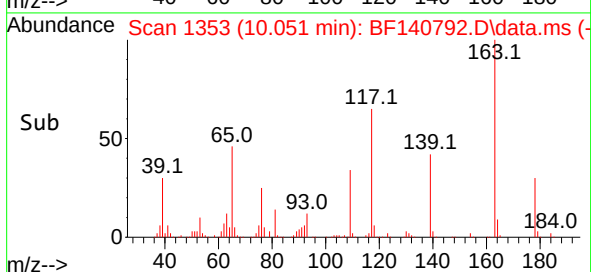
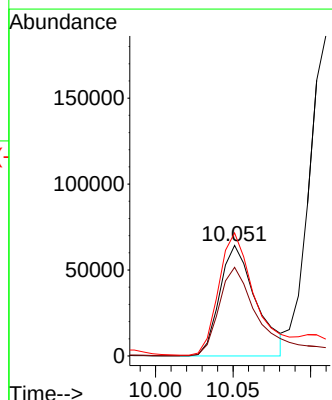
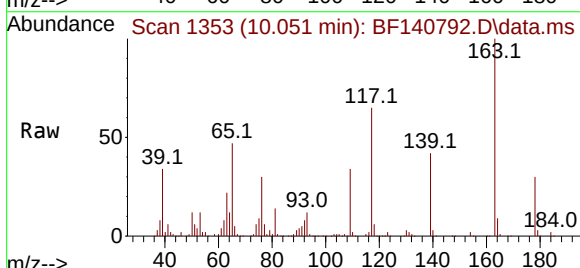
Tgt Ion:139 Resp: 104599

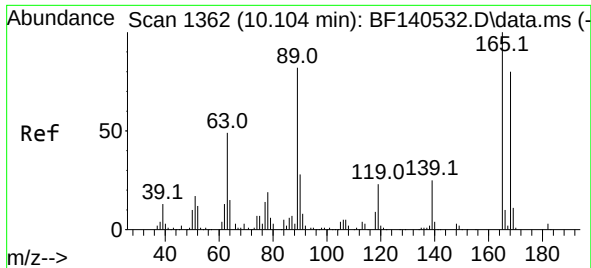
Ion Ratio Lower Upper

139 100

109 80.2 68.4 108.4

65 111.3 88.6 128.6

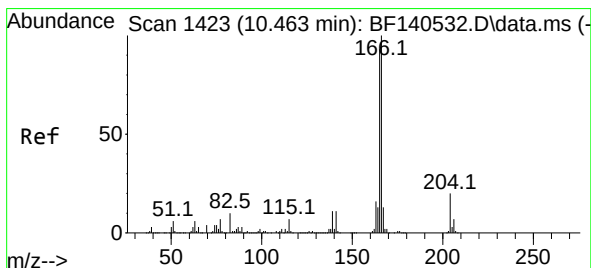
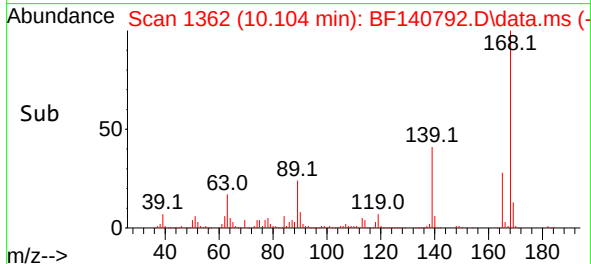
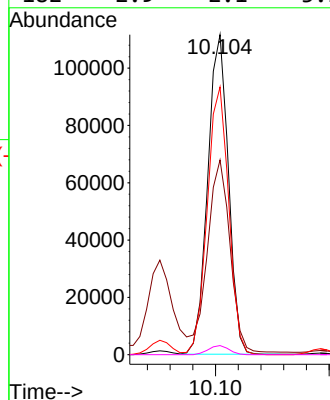
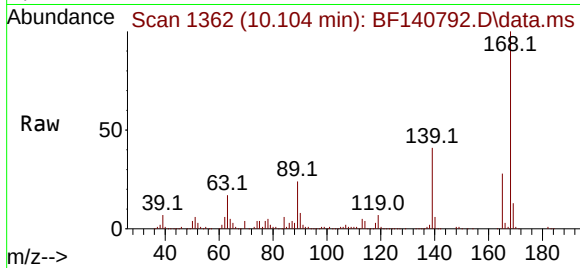




#57
2,4-Dinitrotoluene
Concen: 55.188 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

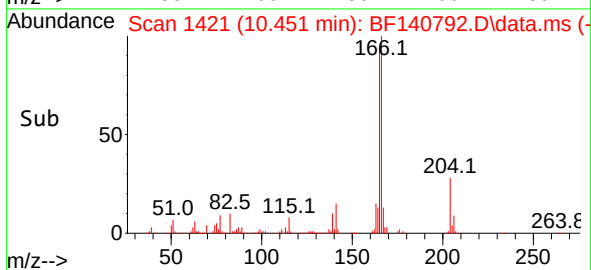
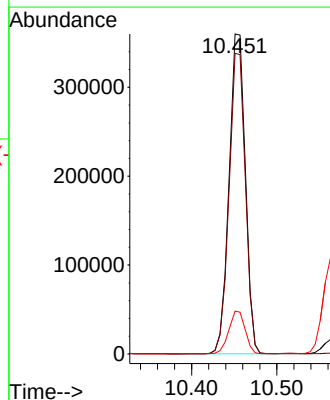
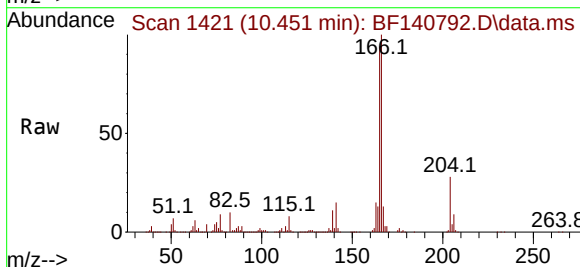
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

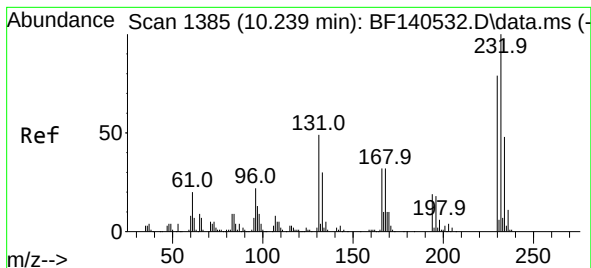
Tgt Ion:165 Resp: 140928
Ion Ratio Lower Upper
165 100
63 60.9 41.7 62.5
89 83.7 65.8 98.8
182 2.9 2.1 3.1



#58
Fluorene
Concen: 55.948 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:166 Resp: 478571
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.4 10.6 16.0



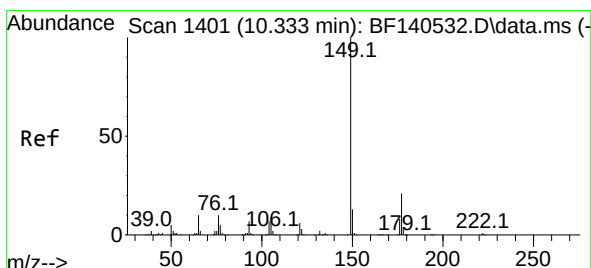
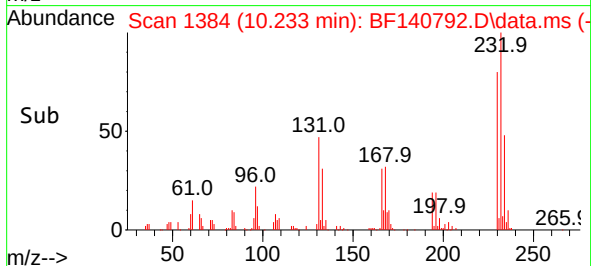
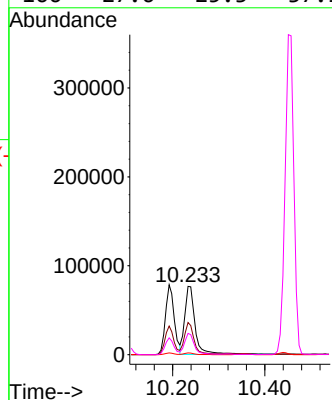
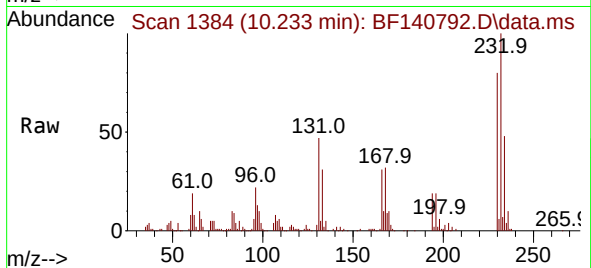


#59
2,3,4,6-Tetrachlorophenol
Concen: 60.627 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:232 Resp: 119495

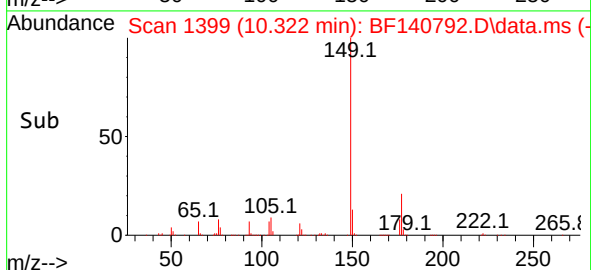
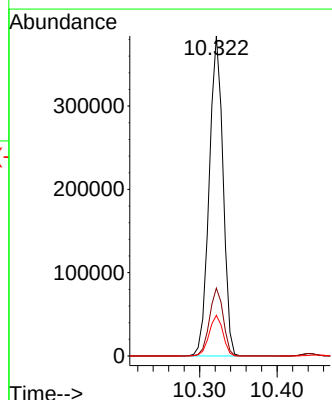
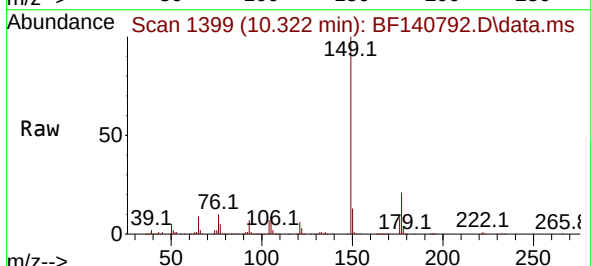
Ion	Ratio	Lower	Upper
232	100		
131	41.0	39.6	59.4
130	2.5	1.9	2.9
166	27.6	25.3	37.9

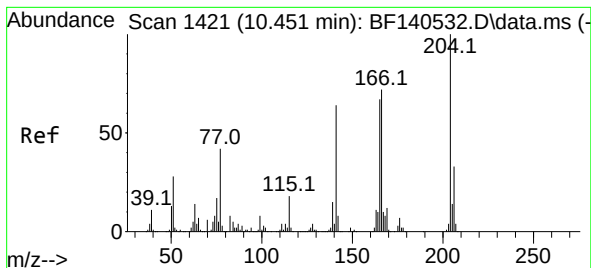


#60
Diethylphthalate
Concen: 55.286 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:149 Resp: 475891

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.1	25.7
150	12.7	10.1	15.1

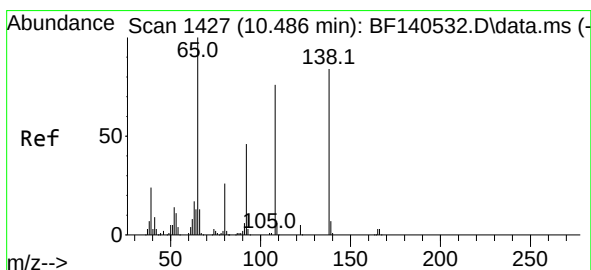
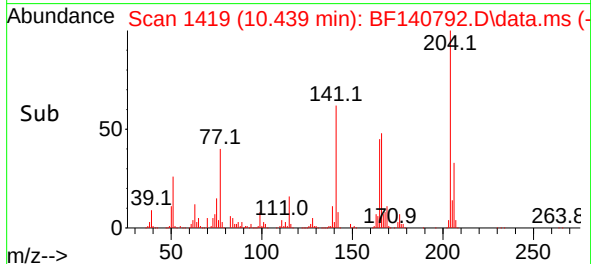
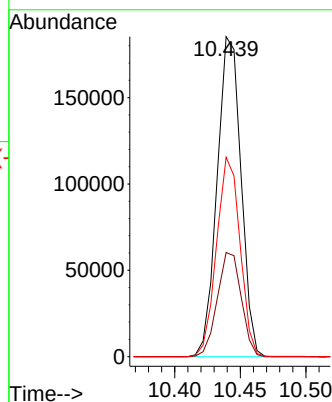
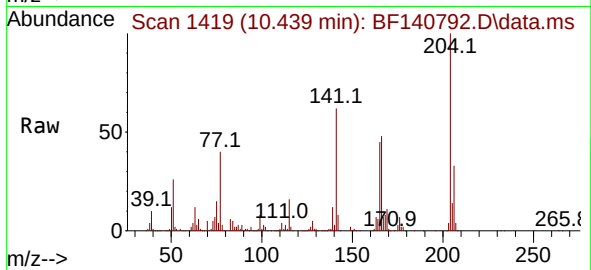




#61
4-Chlorophenyl-phenylether
Concen: 55.858 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

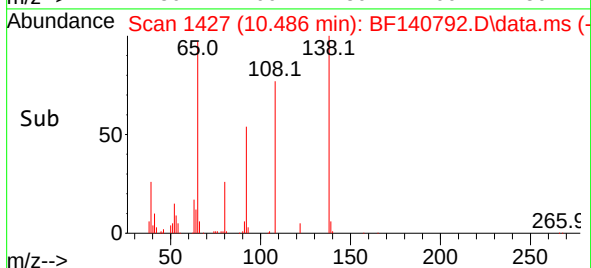
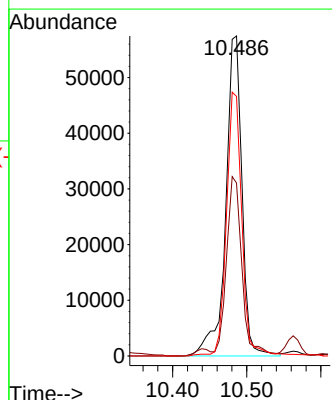
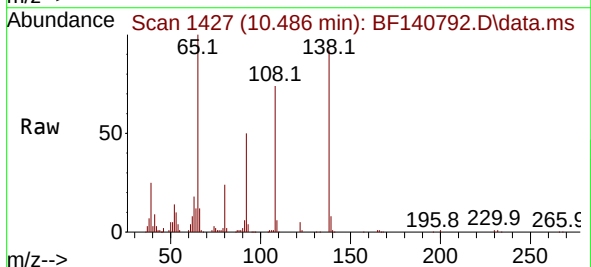
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

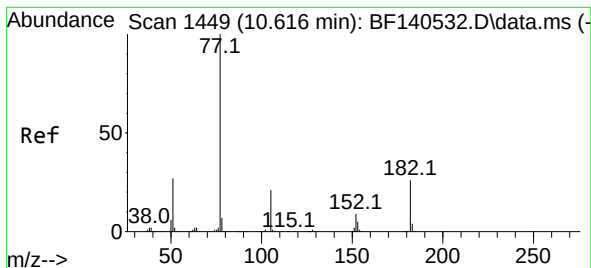
Tgt Ion:204 Resp: 234481
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.3 51.1 76.7



#62
4-Nitroaniline
Concen: 44.410 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:138 Resp: 87530
Ion Ratio Lower Upper
138 100
92 54.0 34.5 74.5
108 81.1 70.6 110.6





#63

Azobenzene

Concen: 55.175 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion: 77 Resp: 449754

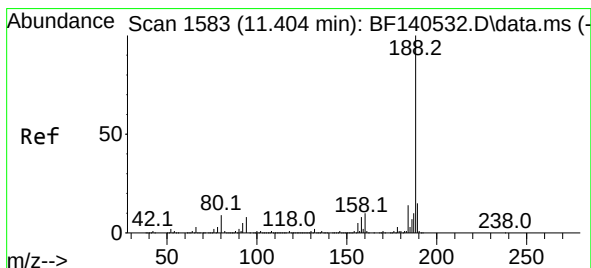
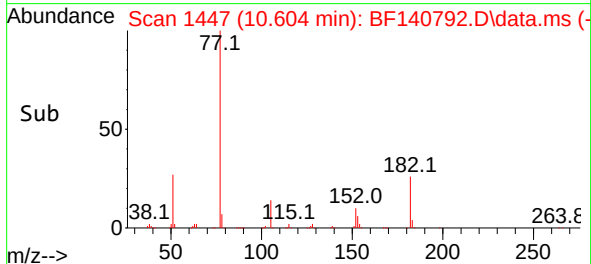
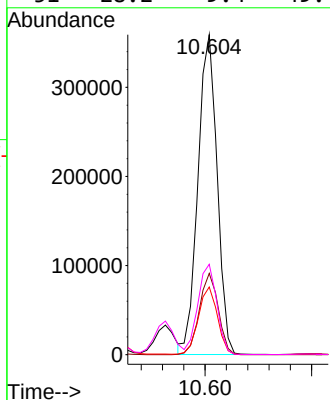
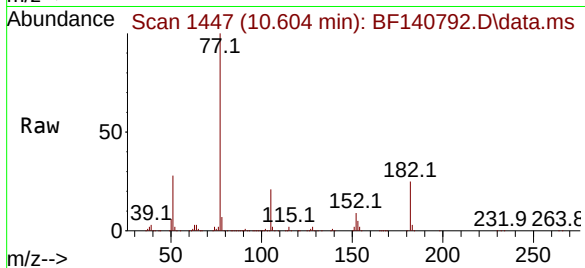
Ion Ratio Lower Upper

77 100

182 25.4 5.3 45.3

105 21.1 0.3 40.3

51 28.2 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

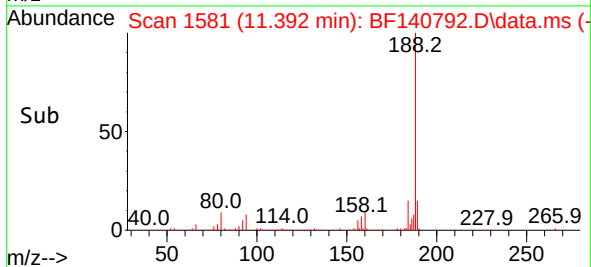
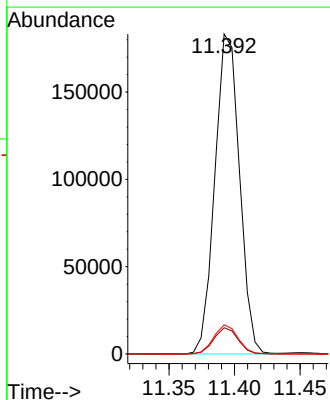
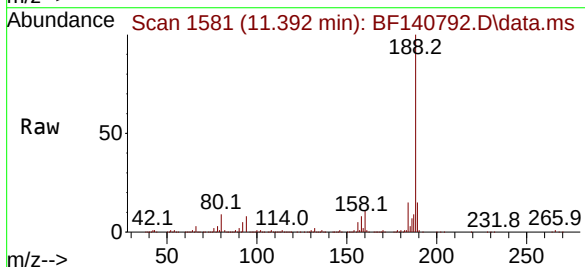
Tgt Ion: 188 Resp: 239472

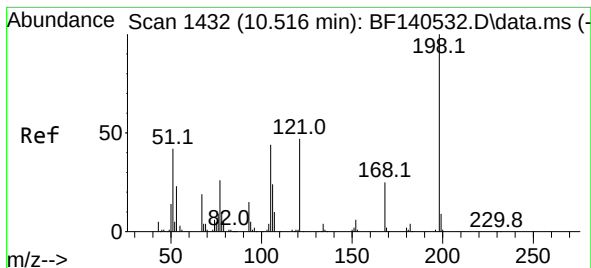
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.1 6.9 10.3

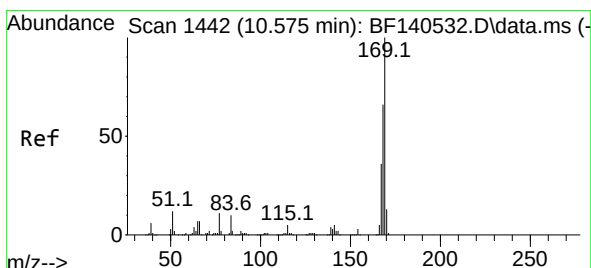
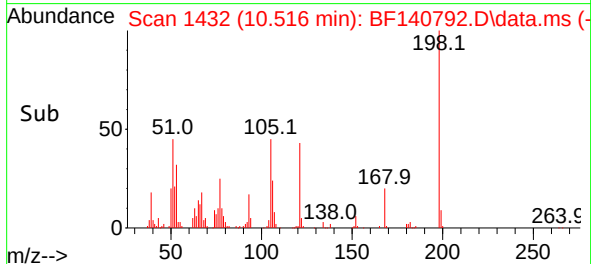
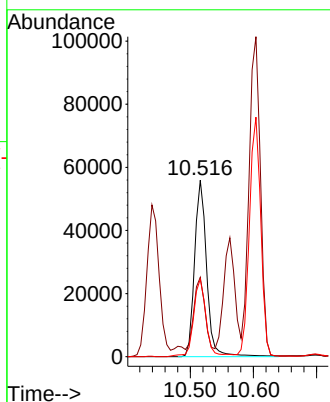
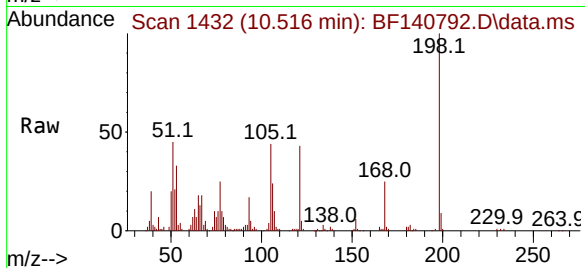




#65
4,6-Dinitro-2-methylphenol
Concen: 60.732 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

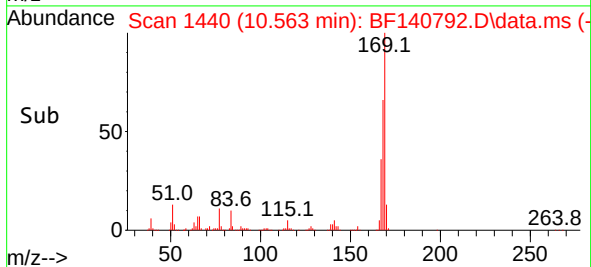
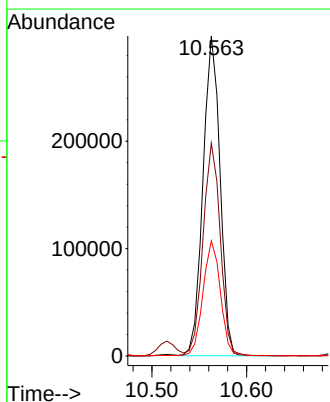
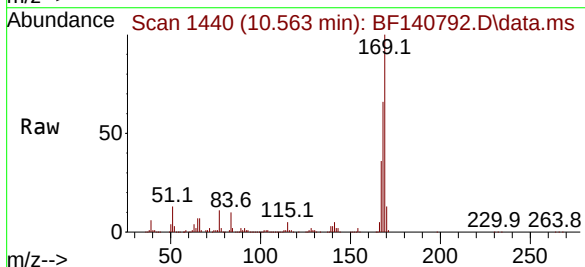
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

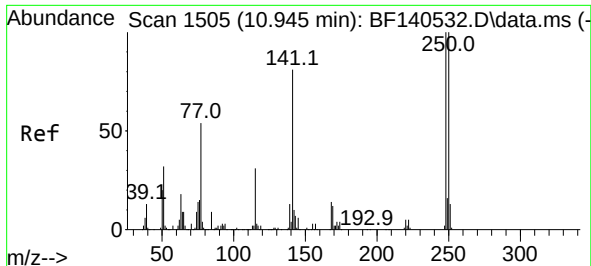
Tgt Ion:198 Resp: 74319
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 44.0 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 52.516 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:169 Resp: 371906
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.0 29.0 43.6

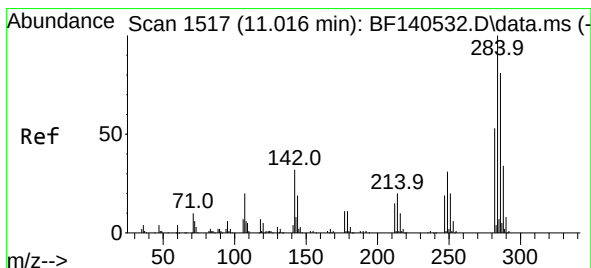
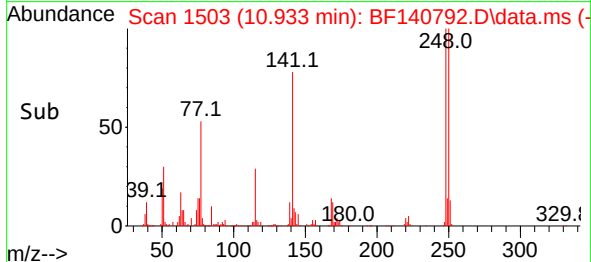
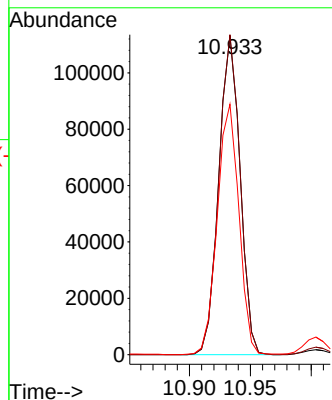
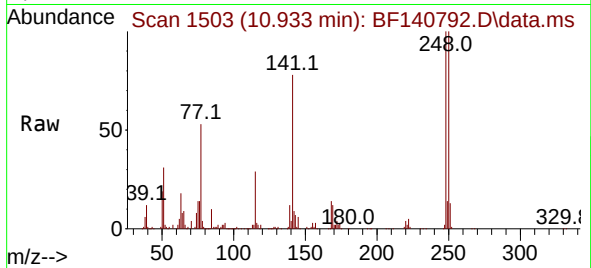




#67
4-Bromophenyl-phenylether
Concen: 55.985 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

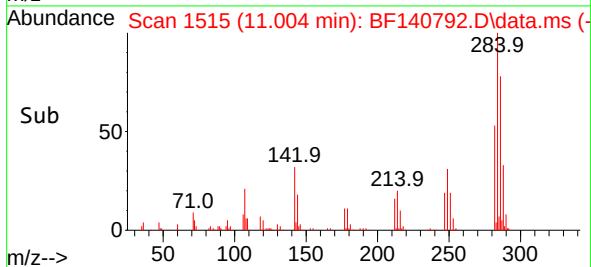
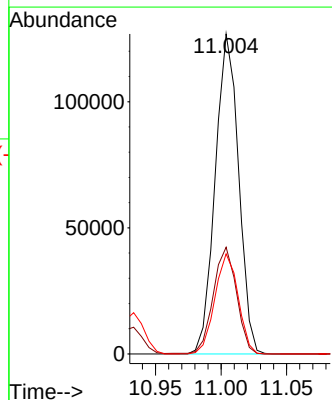
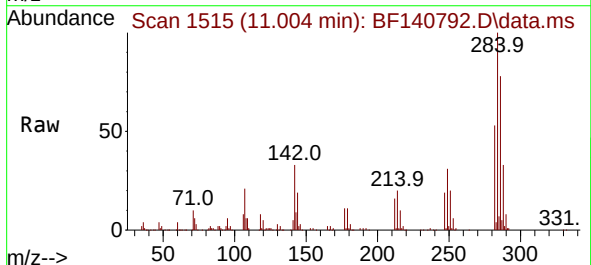
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

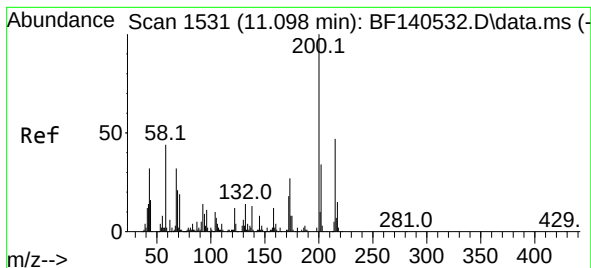
Tgt Ion:248 Resp: 138070
Ion Ratio Lower Upper
248 100
250 100.4 79.8 119.8
141 78.5 64.7 97.1



#68
Hexachlorobenzene
Concen: 55.013 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:284 Resp: 157096
Ion Ratio Lower Upper
284 100
142 33.4 25.3 37.9
249 31.3 24.8 37.2





#69

Atrazine

Concen: 40.569 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

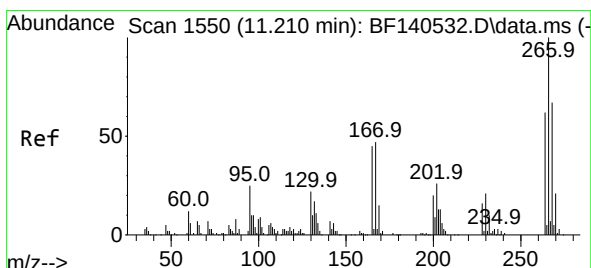
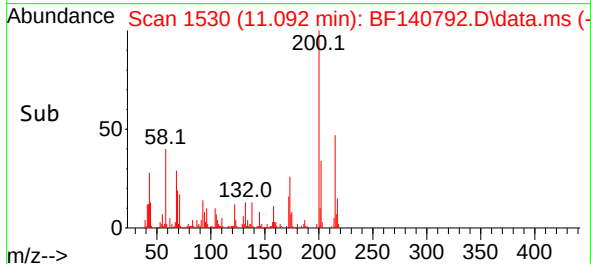
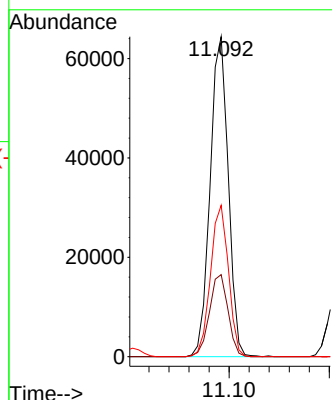
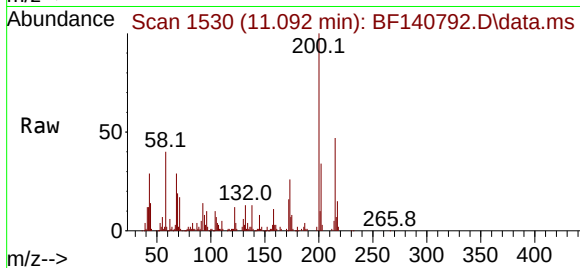
Tgt Ion:200 Resp: 80823

Ion Ratio Lower Upper

200 100

173 25.7 7.0 47.0

215 47.3 26.7 66.7



#70

Pentachlorophenol

Concen: 98.854 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

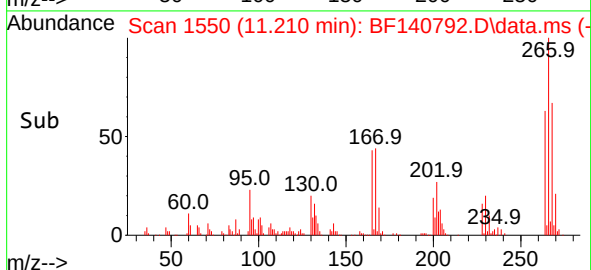
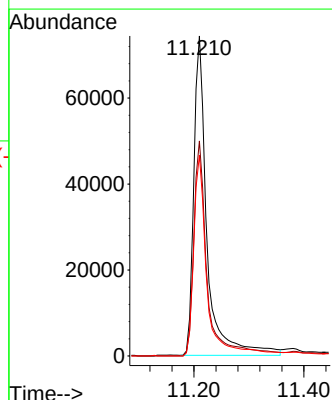
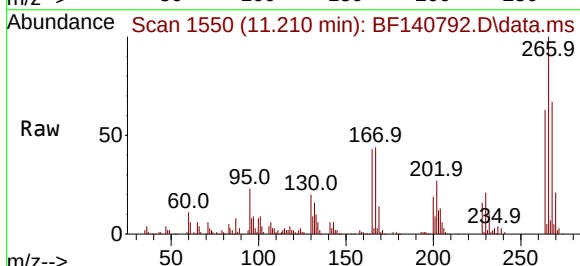
Tgt Ion:266 Resp: 124242

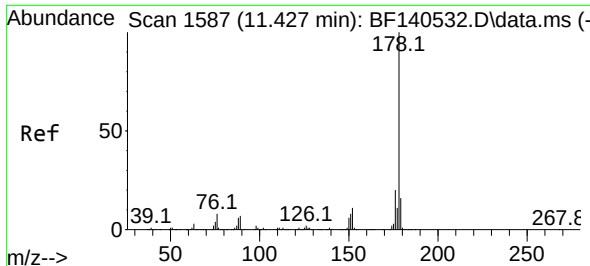
Ion Ratio Lower Upper

266 100

268 67.2 53.7 80.5

264 62.8 49.8 74.8

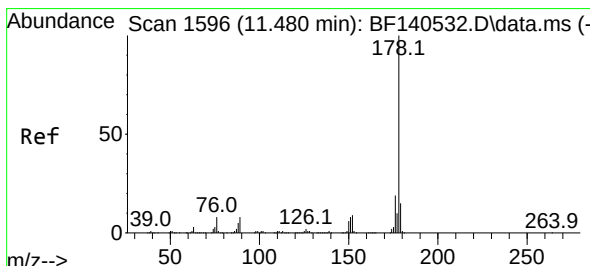
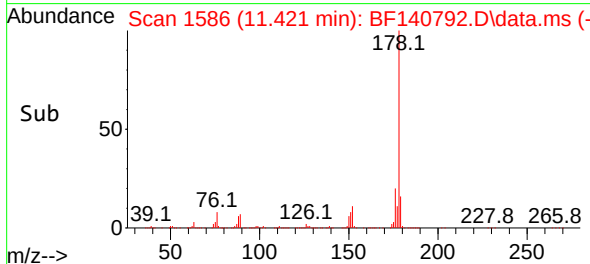
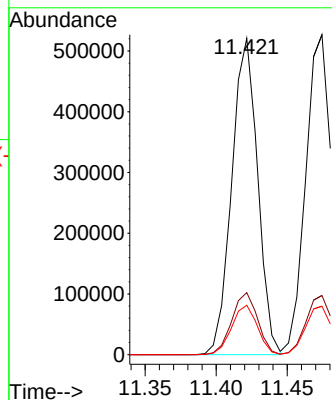
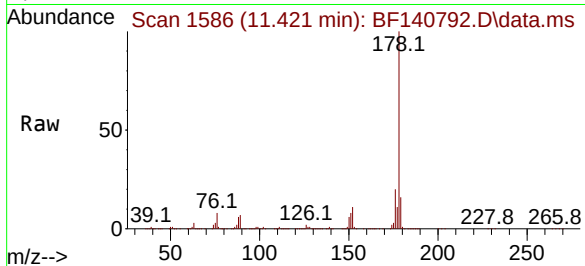




#71
Phenanthrene
Concen: 57.428 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

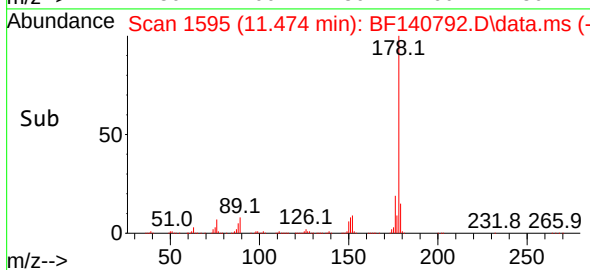
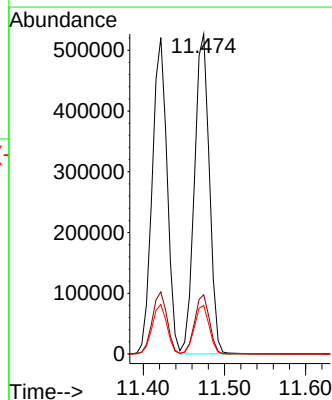
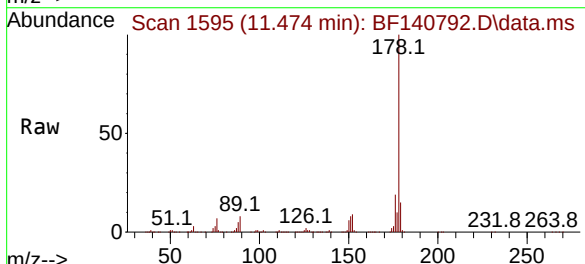
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

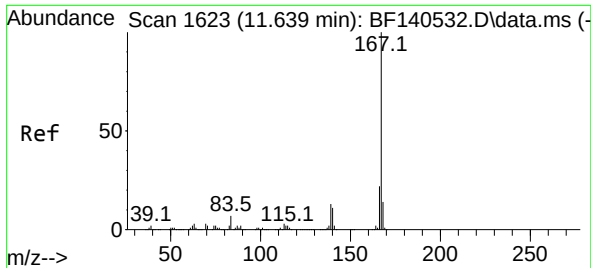
Tgt Ion:178 Resp: 661060
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 12.4 18.6



#72
Anthracene
Concen: 59.628 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:178 Resp: 671421
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.1 12.2 18.4

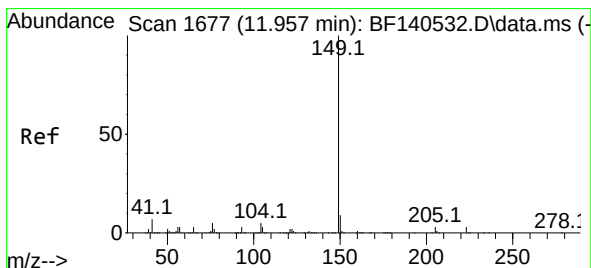
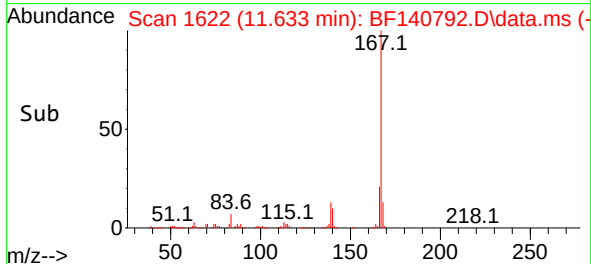
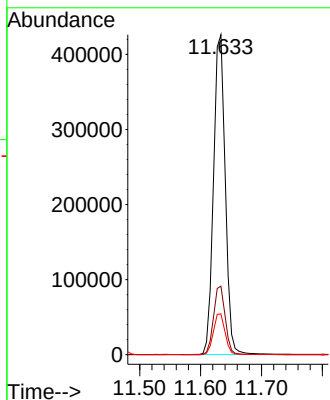
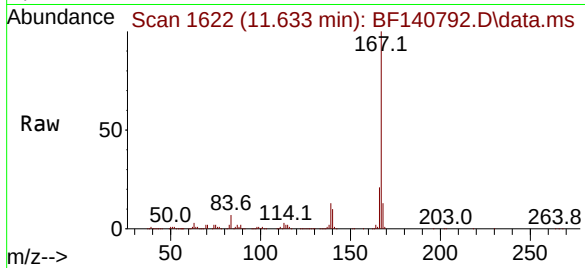




#73
Carbazole
Concen: 52.557 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

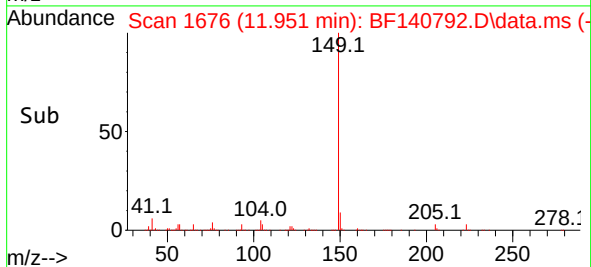
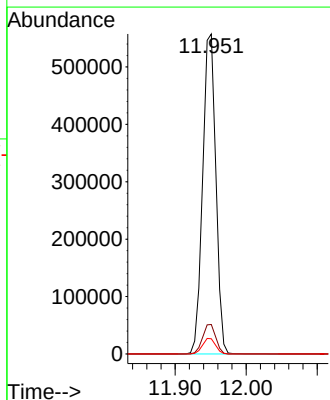
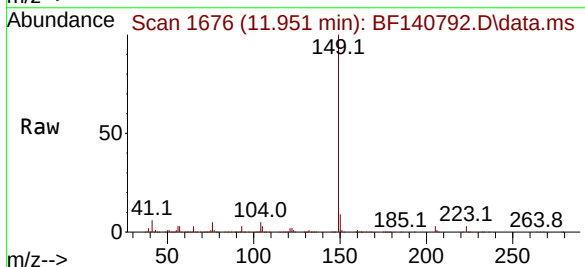
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

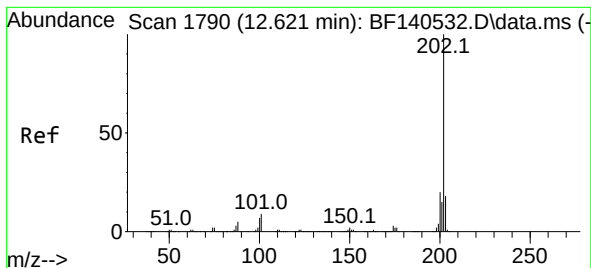
Tgt Ion:167 Resp: 569315
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.8 10.6 15.8



#74
Di-n-butylphthalate
Concen: 57.659 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:149 Resp: 721072
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 50.620 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

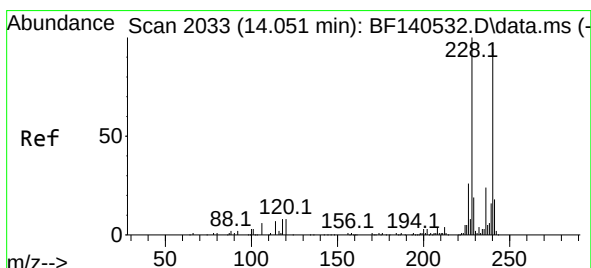
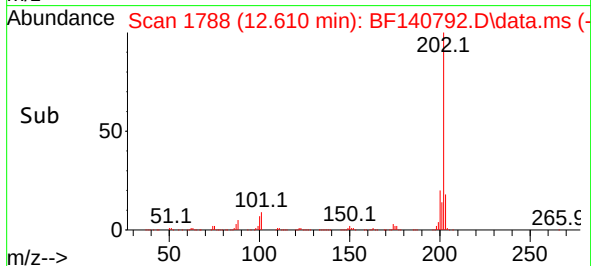
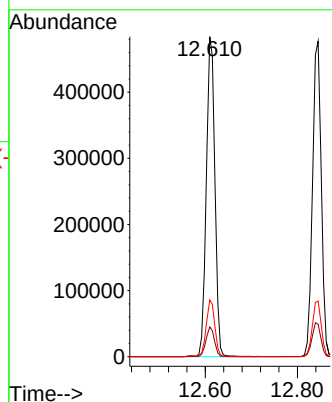
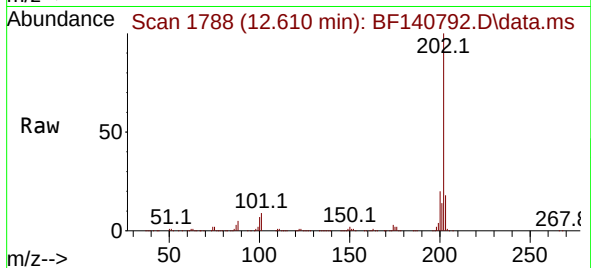
Tgt Ion:202 Resp: 632663

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

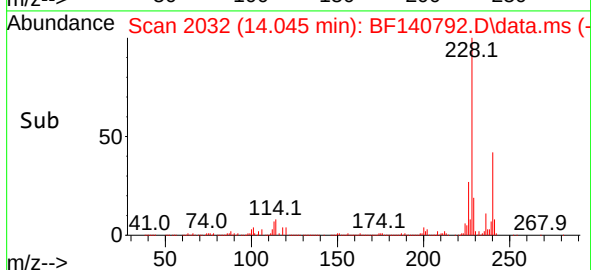
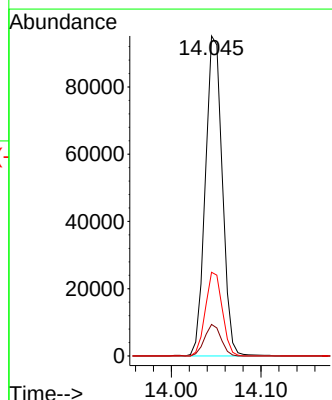
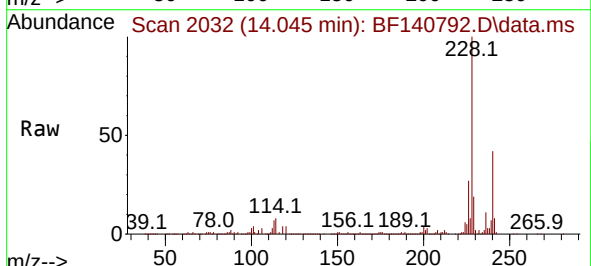
Tgt Ion:240 Resp: 124543

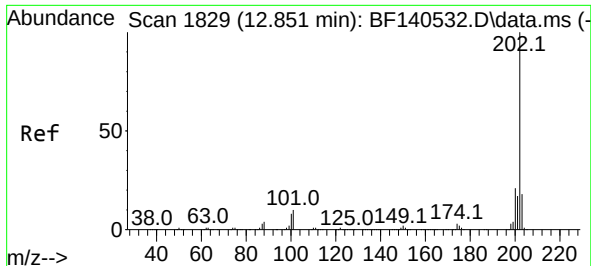
Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

236 26.1 20.6 31.0

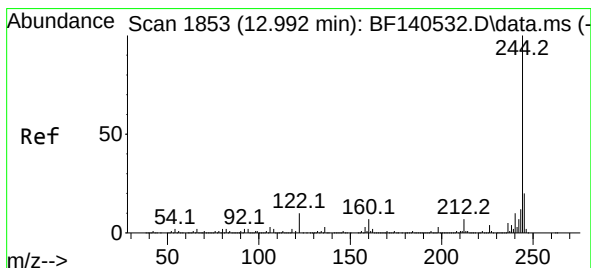
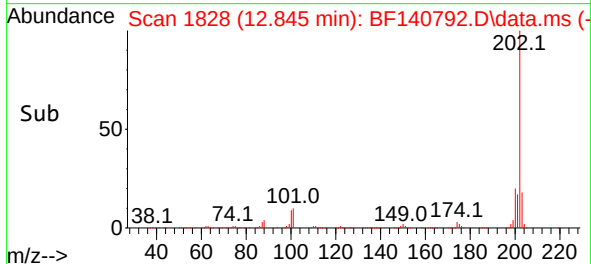
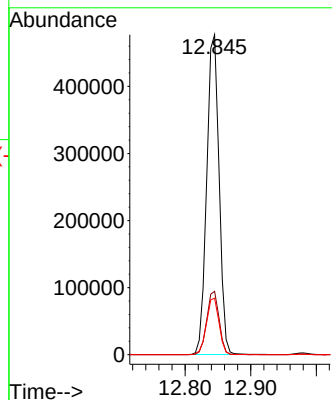
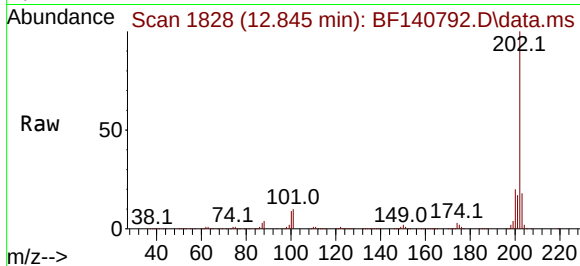




#78
Pyrene
Concen: 54.447 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

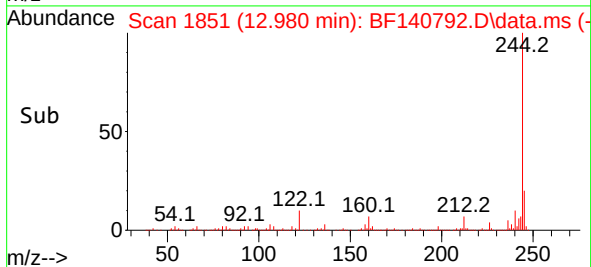
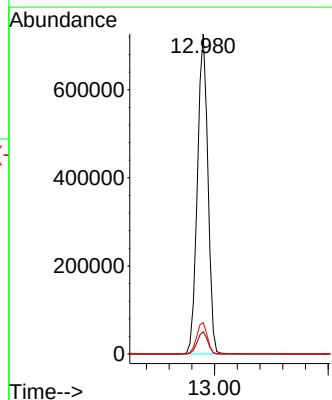
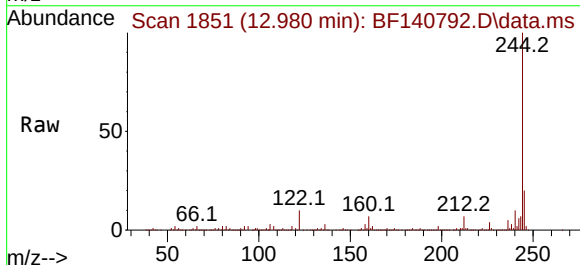
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

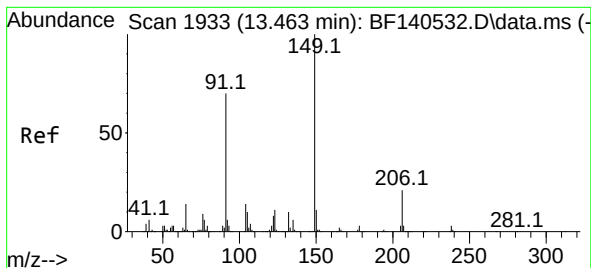
Tgt Ion:202 Resp: 626983
Ion Ratio Lower Upper
202 100
200 19.8 16.5 24.7
203 17.7 14.2 21.4



#79
Terphenyl-d14
Concen: 117.051 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:244 Resp: 936199
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 9.8 8.0 12.0





#80

Butylbenzylphthalate

Concen: 56.758 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

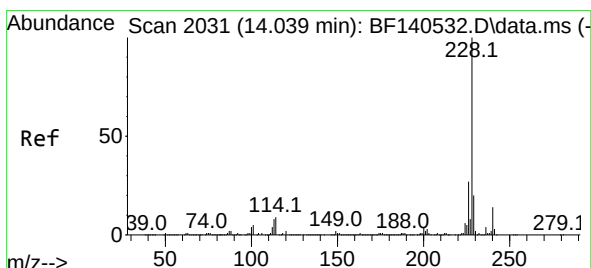
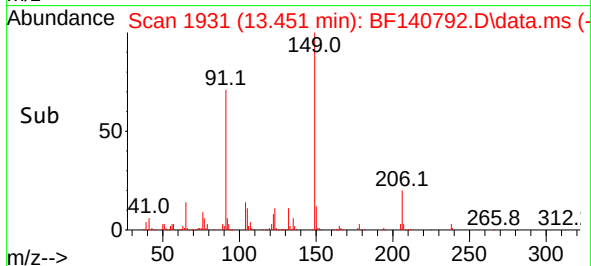
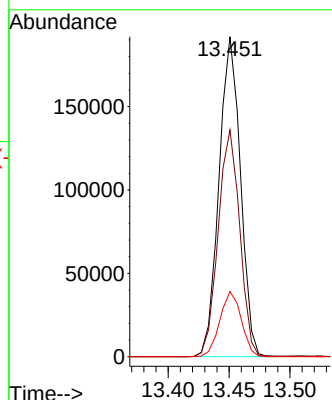
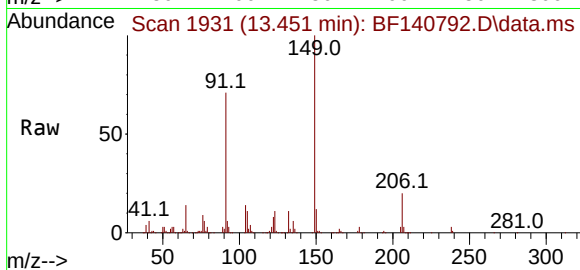
Tgt Ion:149 Resp: 235451

Ion Ratio Lower Upper

149 100

91 70.9 56.2 84.2

206 20.4 16.4 24.6



#81

Benzo(a)anthracene

Concen: 58.086 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

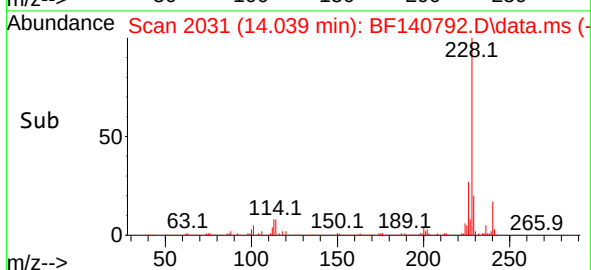
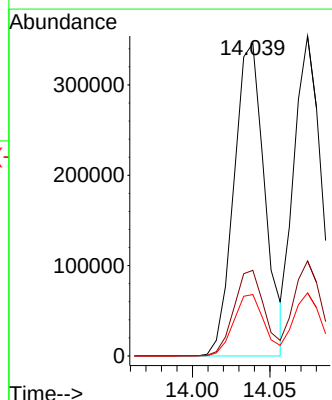
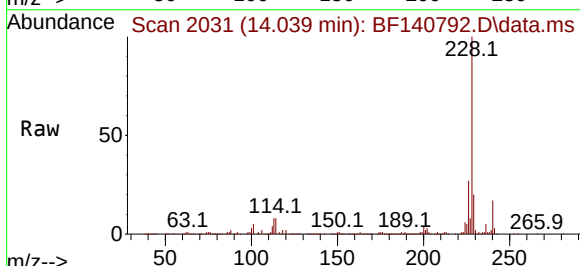
Tgt Ion:228 Resp: 478872

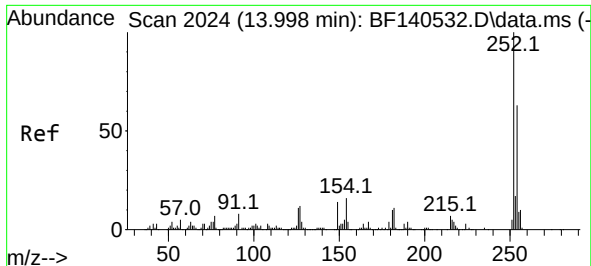
Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.7 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 10.066 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

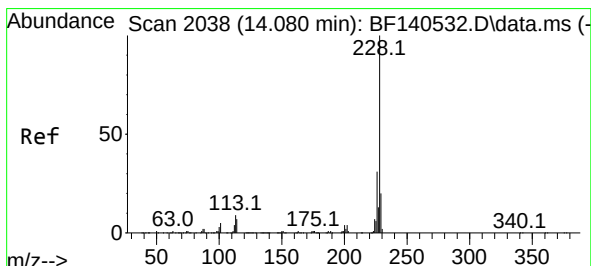
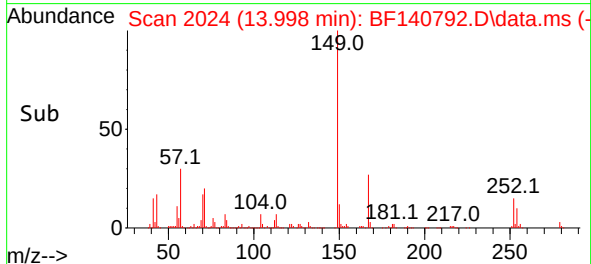
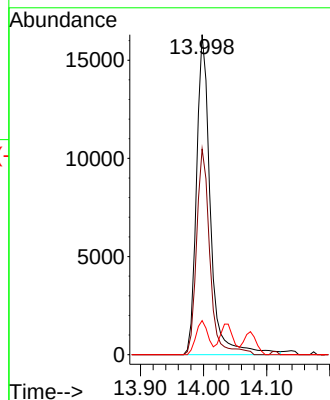
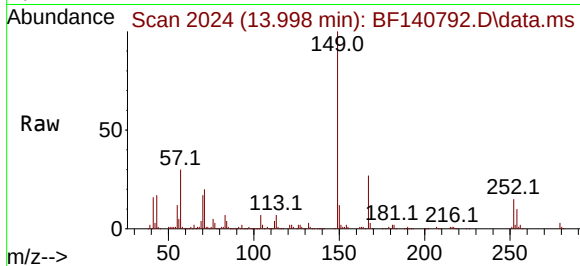
Tgt Ion:252 Resp: 24916

Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 10.7 8.6 13.0



#83

Chrysene

Concen: 57.841 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

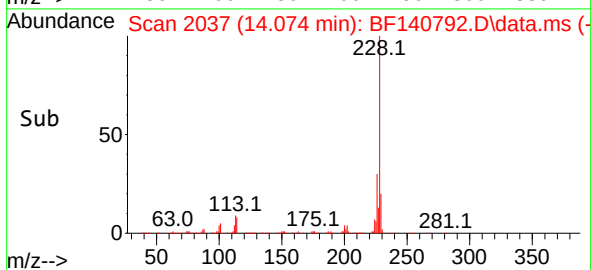
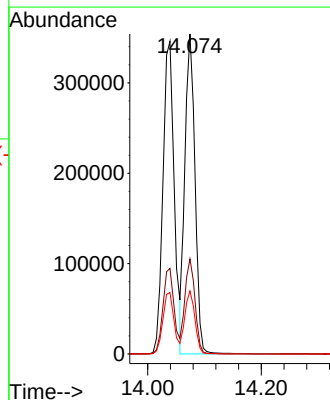
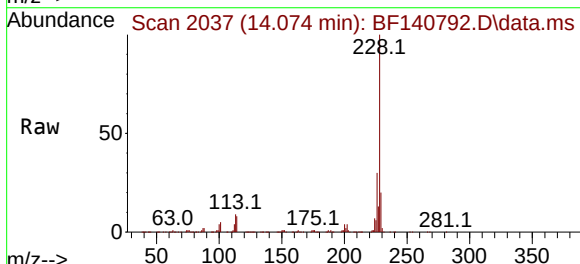
Tgt Ion:228 Resp: 436033

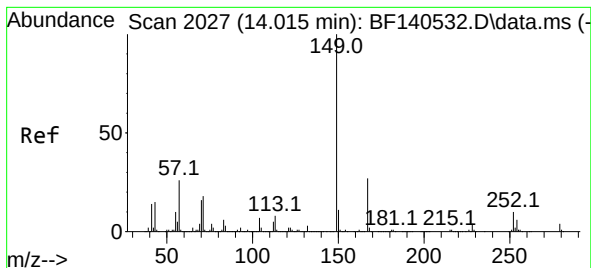
Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 19.7 15.8 23.6

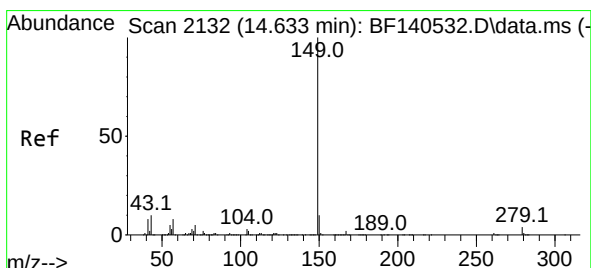
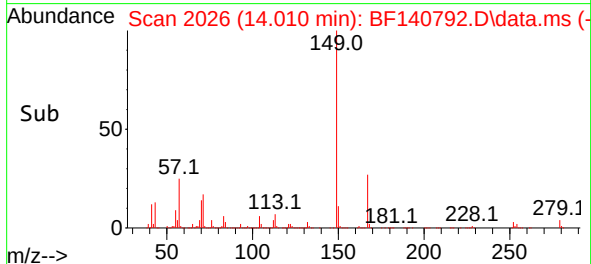
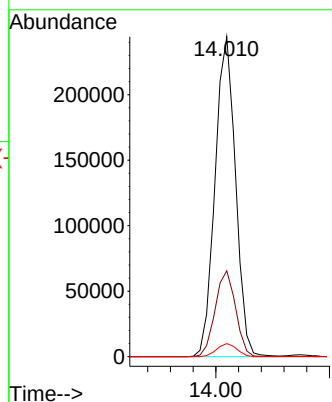
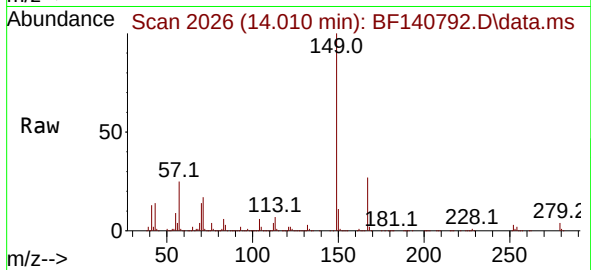




#84
Bis(2-ethylhexyl)phthalate
Concen: 58.500 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

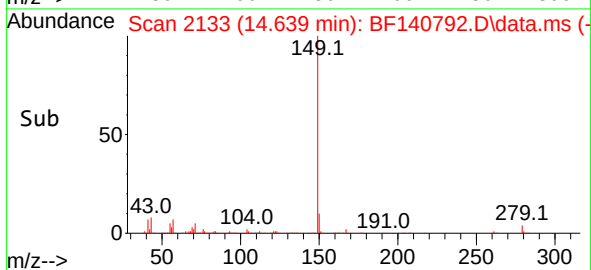
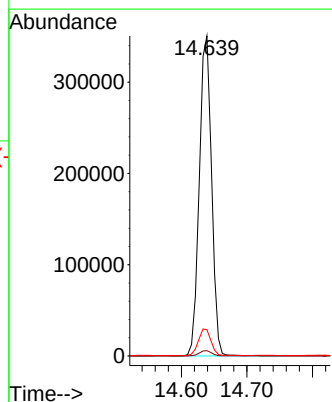
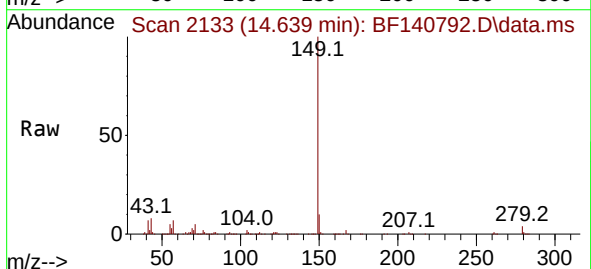
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

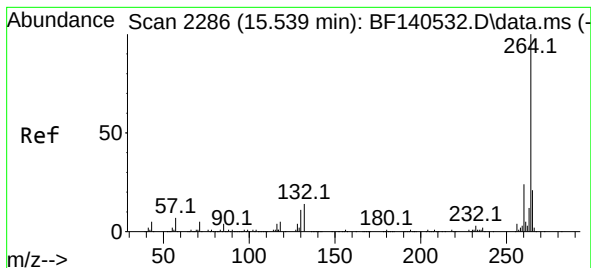
Tgt Ion:149 Resp: 306433
Ion Ratio Lower Upper
149 100
167 26.9 21.2 31.8
279 4.1 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 63.962 ng
RT: 14.639 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:149 Resp: 457880
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

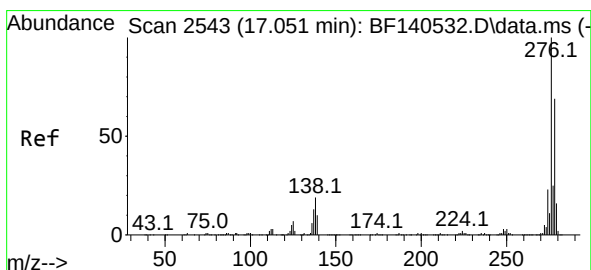
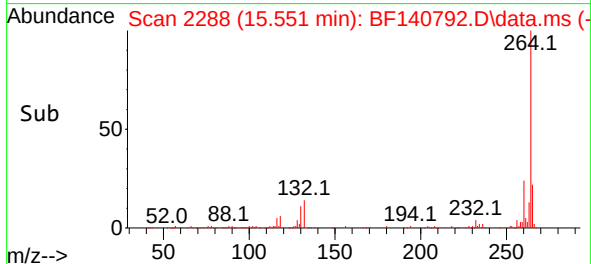
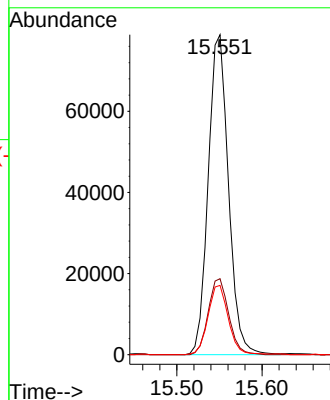
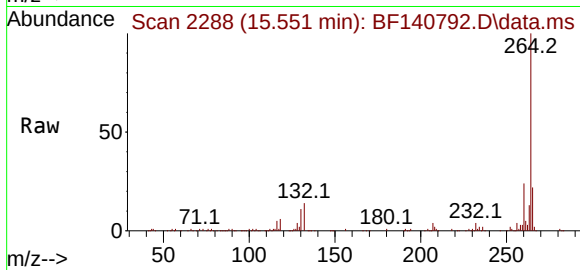
Tgt Ion:264 Resp: 130200

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.6 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 42.760 ng

RT: 17.068 min Scan# 2546

Delta R.T. 0.018 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

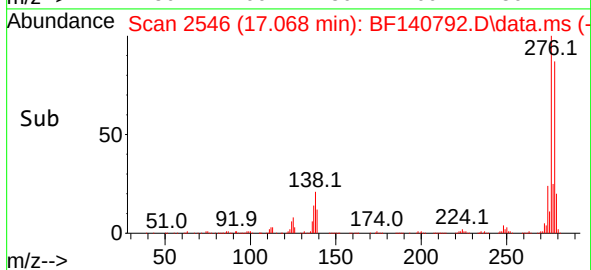
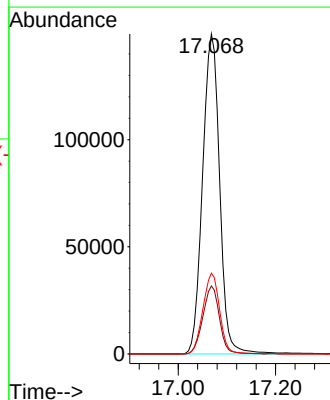
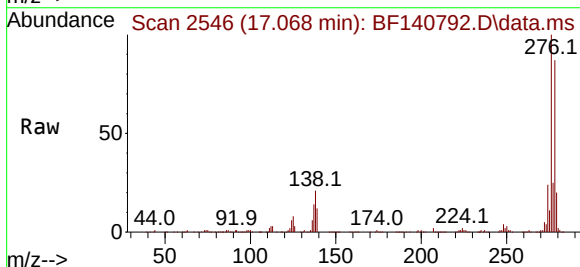
Tgt Ion:276 Resp: 362816

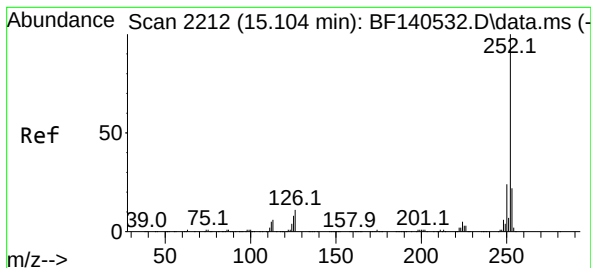
Ion Ratio Lower Upper

276 100

138 20.6 15.5 23.3

277 24.9 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 62.426 ng

RT: 15.109 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

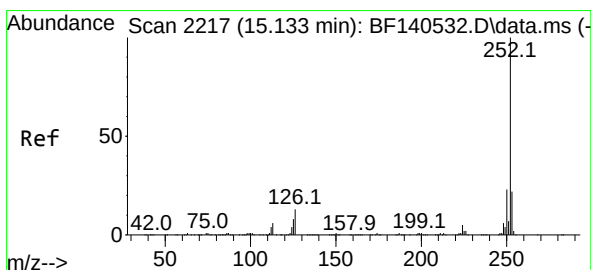
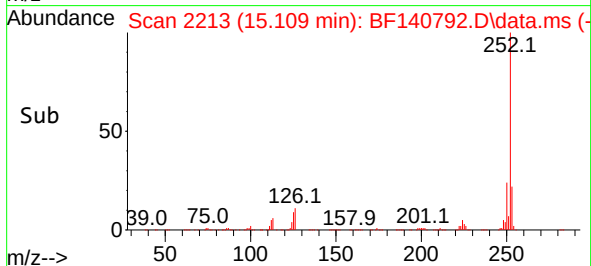
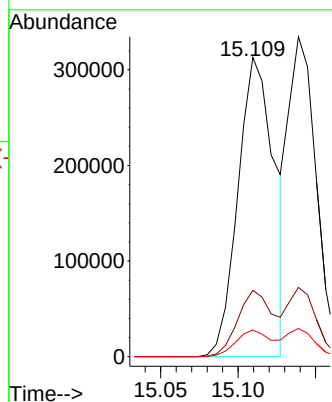
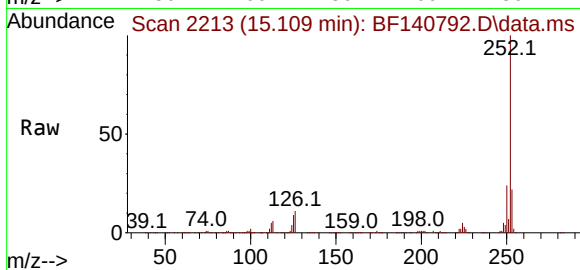
Tgt Ion:252 Resp: 510520

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.0 6.7 10.1



#89

Benzo(k)fluoranthene

Concen: 58.611 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

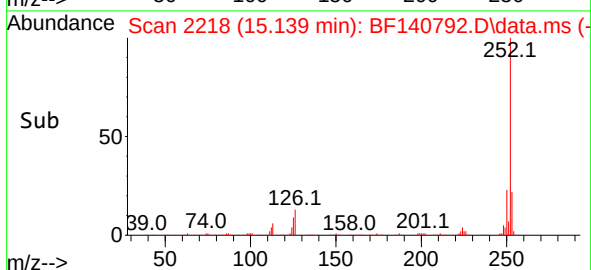
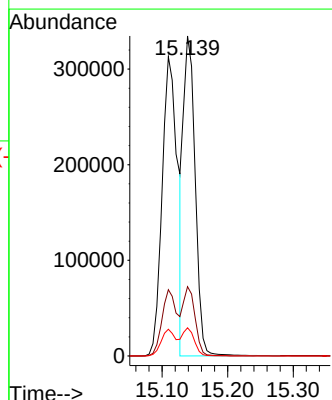
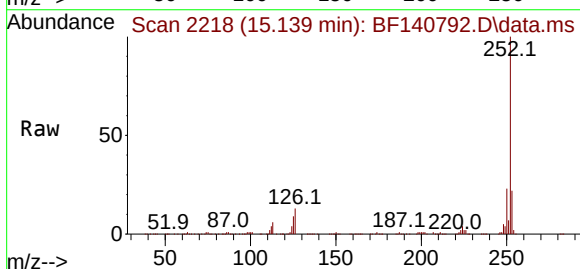
Tgt Ion:252 Resp: 419453

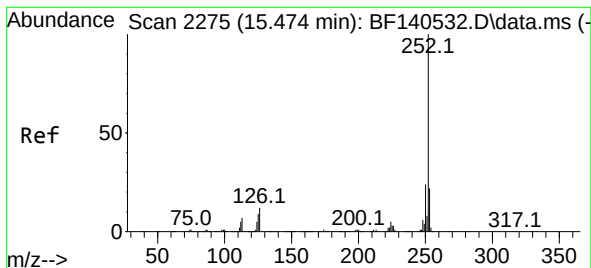
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.8 6.5 9.7





#90

Benzo(a)pyrene

Concen: 63.982 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

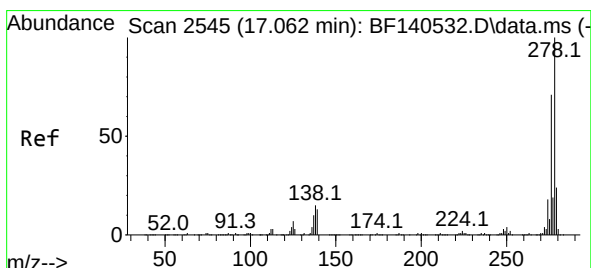
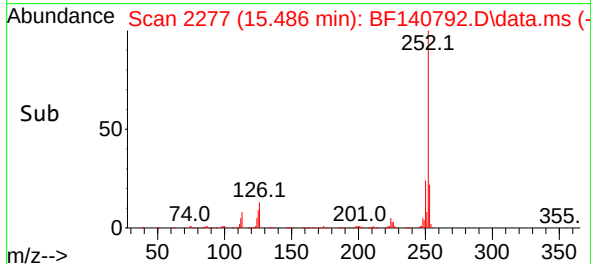
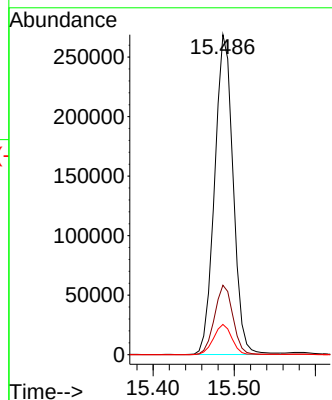
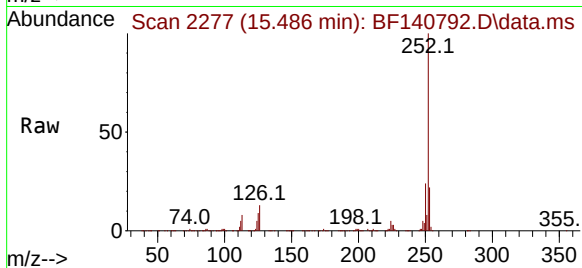
Tgt Ion:252 Resp: 425445

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.5 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 44.564 ng

RT: 17.074 min Scan# 2547

Delta R.T. 0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

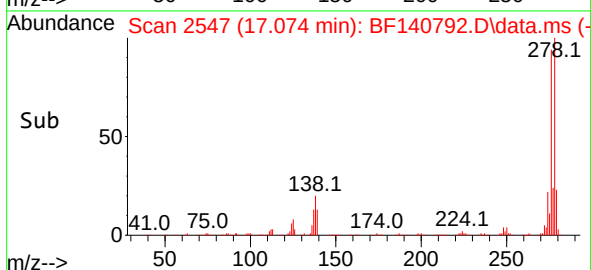
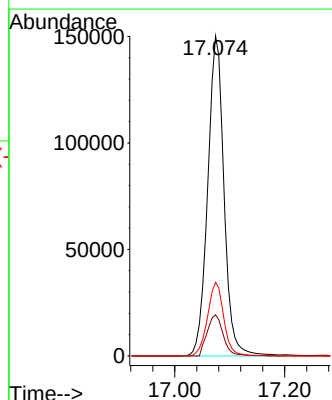
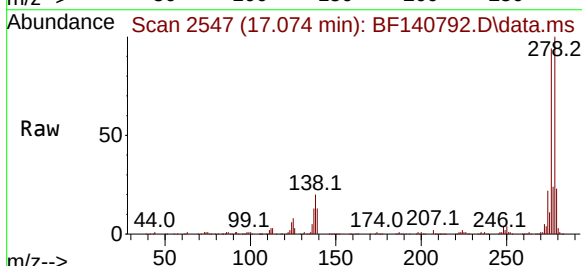
Tgt Ion:278 Resp: 309674

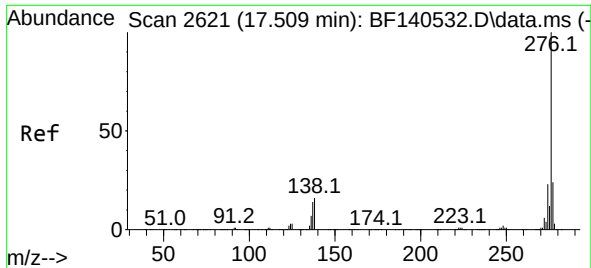
Ion Ratio Lower Upper

278 100

139 12.9 10.2 15.4

279 23.1 18.9 28.3

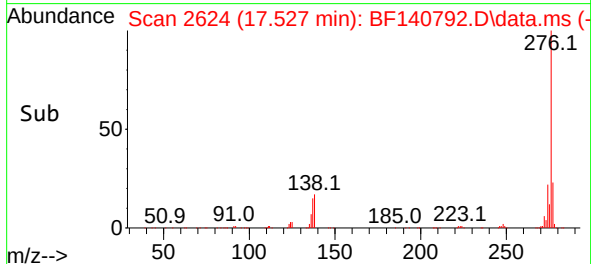
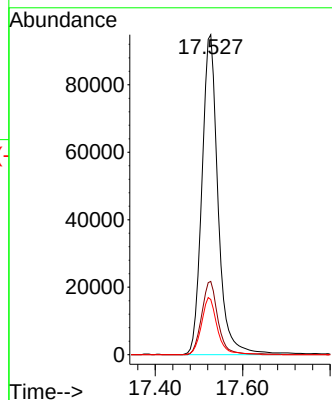
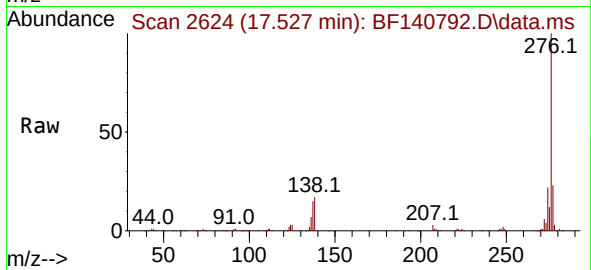




#92
 Benzo(g,h,i)perylene
 Concen: 34.359 ng
 RT: 17.527 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF140792.D
 Acq: 09 Dec 2024 16:22

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD

Tgt Ion:276 Resp: 243639
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.9 28.3
 138 17.2 13.2 19.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 09 18:36:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	111338	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	407852	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	228841	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	436884	20.000	ng	0.00
76) Chrysene-d12	14.051	240	251461	20.000	ng	0.00
86) Perylene-d12	15.557	264	241288	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	546695	83.779	ng	0.00
7) Phenol-d6	6.516	99	715376	82.925	ng	0.00
23) Nitrobenzene-d5	7.434	82	666058	83.533	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	211482	86.408	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1271155	82.763	ng	-0.01
79) Terphenyl-d14	12.980	244	1340625	83.016	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	113183	41.253	ng	97
3) Pyridine	3.404	79	261113	43.255	ng	99
4) n-Nitrosodimethylamine	3.369	42	140273	39.537	ng	91
6) Aniline	6.534	93	247715	40.796	ng	# 71
8) 2-Chlorophenol	6.657	128	296851	42.284	ng	99
9) Benzaldehyde	6.422	77	179459	39.296	ng	99
10) Phenol	6.528	94	366410	41.590	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	285071	42.284	ng	98
12) 1,3-Dichlorobenzene	6.804	146	331247	41.991	ng	99
13) 1,4-Dichlorobenzene	6.881	146	328765	41.161	ng	99
14) 1,2-Dichlorobenzene	7.040	146	313249	41.853	ng	99
15) Benzyl Alcohol	7.016	79	250728	39.191	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	319710	40.141	ng	71
17) 2-Methylphenol	7.134	107	232545	41.380	ng	95
18) Hexachloroethane	7.375	117	122849	41.181	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	202526	39.723	ng	96
20) 3+4-Methylphenols	7.287	107	299394	41.448	ng	# 85
22) Acetophenone	7.281	105	409520	41.186	ng	97
24) Nitrobenzene	7.457	77	340292	41.293	ng	97
25) Isophorone	7.692	82	555956	41.803	ng	99
26) 2-Nitrophenol	7.769	139	160033	43.820	ng	96
27) 2,4-Dimethylphenol	7.810	122	180002	41.194	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	344075	42.468	ng	99
29) 2,4-Dichlorophenol	8.022	162	250923	43.337	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	278158	42.076	ng	100
31) Naphthalene	8.169	128	890300	42.379	ng	99
32) Benzoic acid	7.969	122	179000	47.213	ng	98
33) 4-Chloroaniline	8.228	127	258600	41.114	ng	99
34) Hexachlorobutadiene	8.281	225	182142	41.597	ng	98
35) Caprolactam	8.604	113	58787	32.808	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	274503	42.344	ng	99
37) 2-Methylnaphthalene	8.857	142	565502	42.381	ng	98
38) 1-Methylnaphthalene	8.957	142	554906	42.427	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	283106	42.259	ng	99
41) Hexachlorocyclopentadiene	9.010	237	51965	38.655	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	179504	42.701	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140793.D
 Acq On : 09 Dec 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

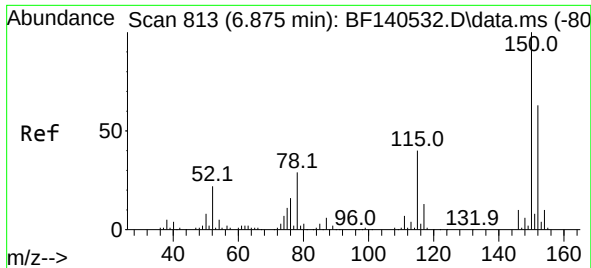
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	191015	41.868	ng	97
46) 1,1'-Biphenyl	9.322	154	712274	41.689	ng	99
47) 2-Chloronaphthalene	9.351	162	548428	42.363	ng	99
48) 2-Nitroaniline	9.457	65	173500	41.753	ng	95
49) Acenaphthylene	9.769	152	802935	41.049	ng	99
50) Dimethylphthalate	9.628	163	639675	42.443	ng	100
51) 2,6-Dinitrotoluene	9.698	165	145468	42.558	ng	94
52) Acenaphthene	9.939	154	516945	41.593	ng	99
53) 3-Nitroaniline	9.869	138	144912	43.347	ng	98
54) 2,4-Dinitrophenol	9.986	184	88646	53.002	ng	95
55) Dibenzofuran	10.110	168	783038	41.305	ng	99
56) 4-Nitrophenol	10.051	139	123343	54.099	ng	95
57) 2,4-Dinitrotoluene	10.104	165	197930	43.570	ng	96
58) Fluorene	10.457	166	644283	42.340	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	162969	46.479	ng	91
60) Diethylphthalate	10.322	149	651981	42.578	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	322425	43.176	ng	96
62) 4-Nitroaniline	10.492	138	154265	43.997	ng	94
63) Azobenzene	10.604	77	605475	41.754	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109749	49.160	ng	93
66) n-Nitrosodiphenylamine	10.569	169	534148	41.343	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	191210	42.498	ng	98
68) Hexachlorobenzene	11.004	284	221124	42.445	ng	97
69) Atrazine	11.092	200	124649	34.295	ng	99
70) Pentachlorophenol	11.210	266	87095	37.985	ng	99
71) Phenanthrene	11.422	178	871003	41.475	ng	99
72) Anthracene	11.475	178	858438	41.788	ng	100
73) Carbazole	11.633	167	829167	41.957	ng	100
74) Di-n-butylphthalate	11.951	149	980776	42.988	ng	99
75) Fluoranthene	12.616	202	963587	42.260	ng	100
77) Benzidine	12.739	184	220453	30.153	ng	99
78) Pyrene	12.845	202	974808	41.926	ng	99
80) Butylbenzylphthalate	13.451	149	341631	40.788	ng	98
81) Benzo(a)anthracene	14.039	228	722318	43.394	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	219006	43.822	ng	100
83) Chrysene	14.080	228	612266	40.226	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	415362	39.273	ng	99
85) Di-n-octyl phthalate	14.639	149	626554	43.349	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	748155	47.579	ng	97
88) Benzo(b)fluoranthene	15.115	252	637387	42.056	ng	99
89) Benzo(k)fluoranthene	15.145	252	529858	39.952	ng	99
90) Benzo(a)pyrene	15.492	252	516945	41.950	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	618905	48.060	ng	99
92) Benzo(g,h,i)perylene	17.539	276	641395	48.809	ng	97

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

Quant Time: Dec 09 18:36:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

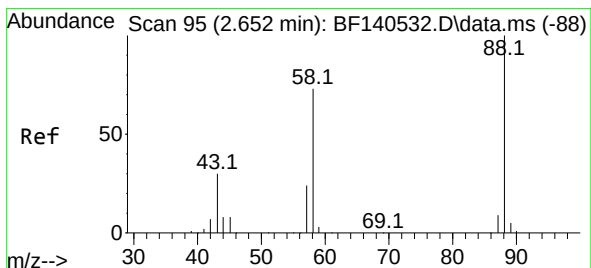
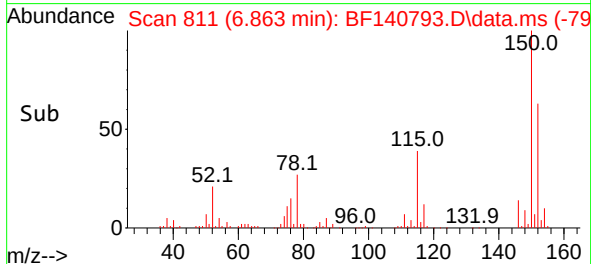
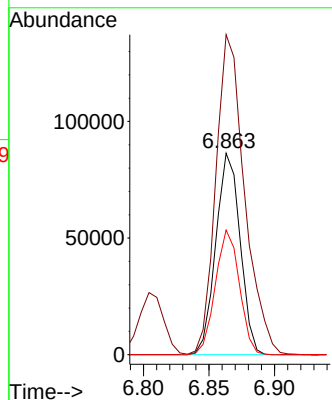
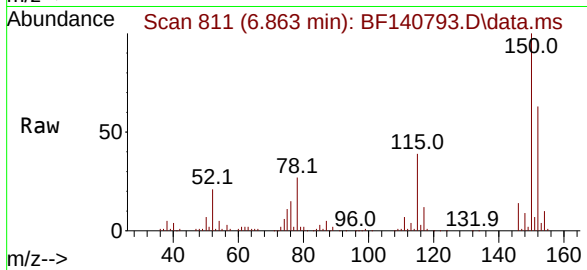




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

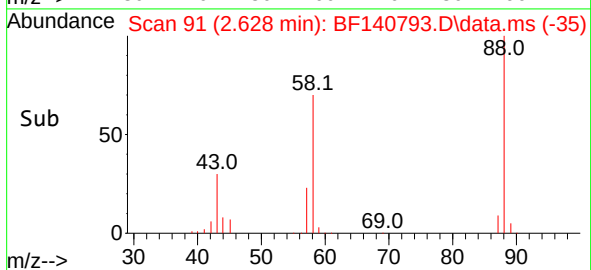
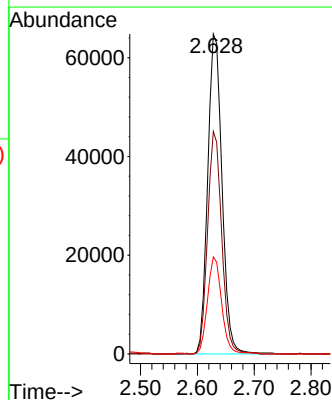
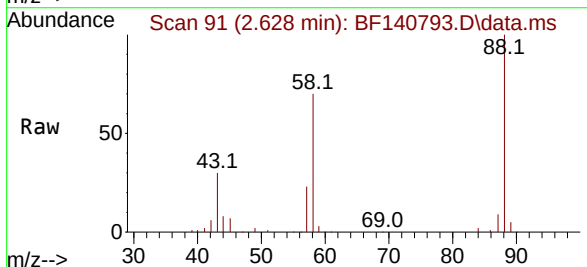
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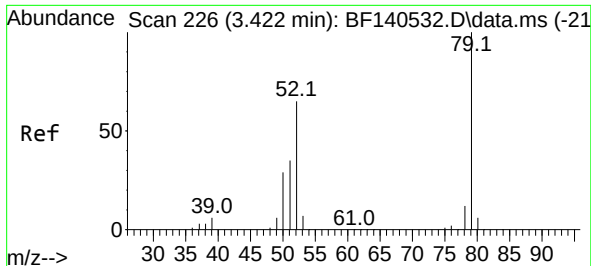
Tgt Ion:152 Resp: 111338
 Ion Ratio Lower Upper
 152 100
 150 158.9 128.5 192.7
 115 61.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 41.253 ng
 RT: 2.628 min Scan# 91
 Delta R.T. -0.023 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

Tgt Ion: 88 Resp: 113183
 Ion Ratio Lower Upper
 88 100
 58 68.3 57.4 86.2
 43 30.1 24.3 36.5





#3

Pyridine

Concen: 43.255 ng

RT: 3.404 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

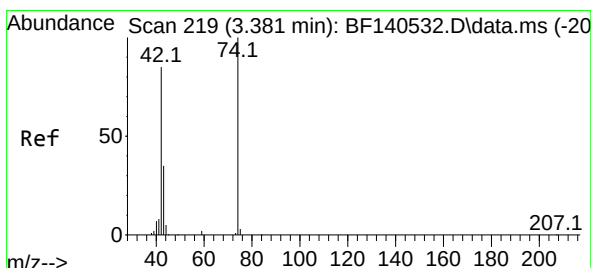
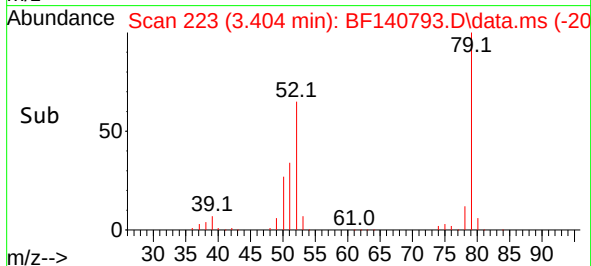
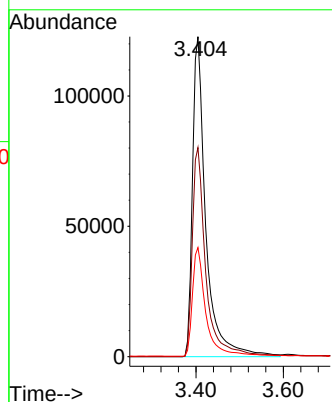
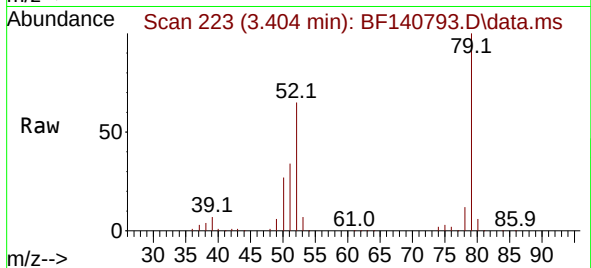
Tgt Ion: 79 Resp: 261113

Ion Ratio Lower Upper

79 100

52 65.4 52.1 78.1

51 34.1 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 39.537 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

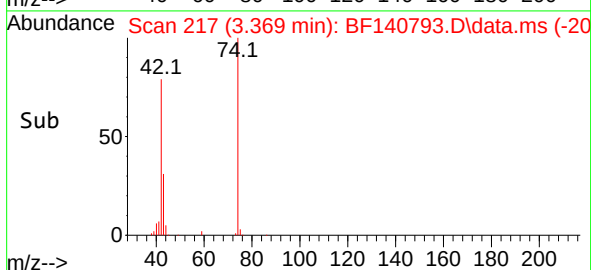
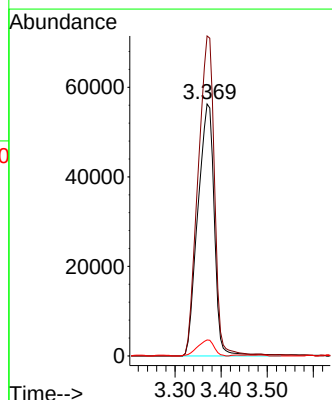
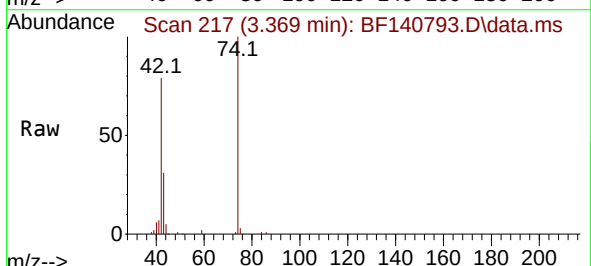
Tgt Ion: 42 Resp: 140273

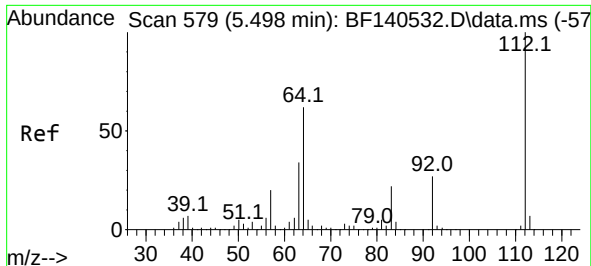
Ion Ratio Lower Upper

42 100

74 127.0 93.8 140.6

44 6.4 4.6 6.8

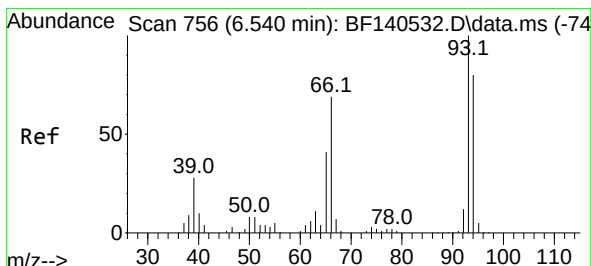
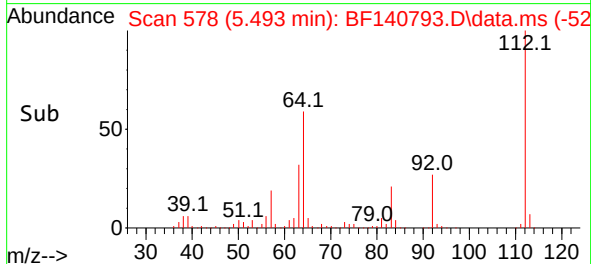
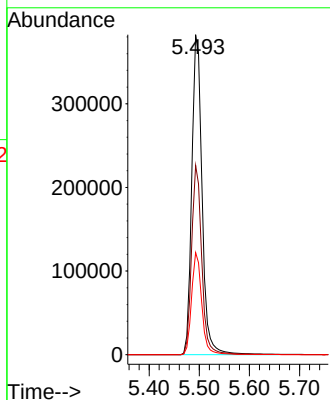
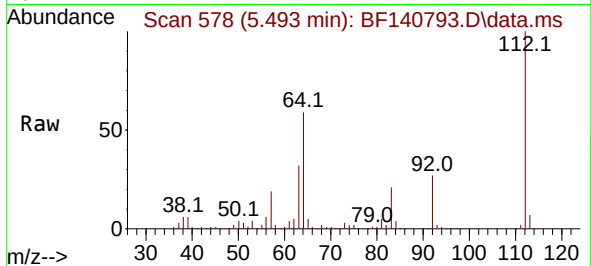




#5
2-Fluorophenol
Concen: 83.779 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

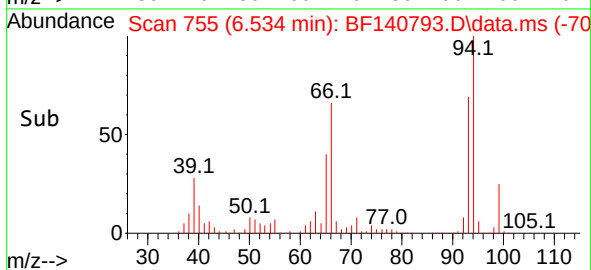
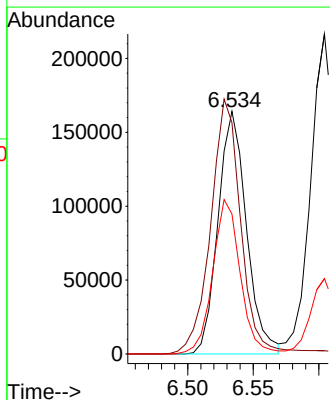
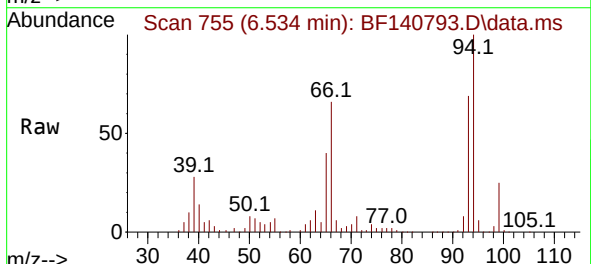
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

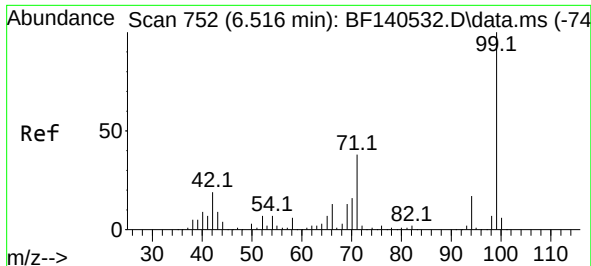
Tgt Ion:112 Resp: 546695
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.9 27.0 40.4



#6
Aniline
Concen: 40.796 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 93 Resp: 247715
Ion Ratio Lower Upper
93 100
66 95.3 56.5 84.7#
65 57.7 32.9 49.3#

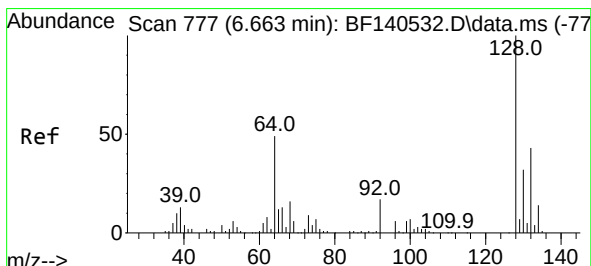
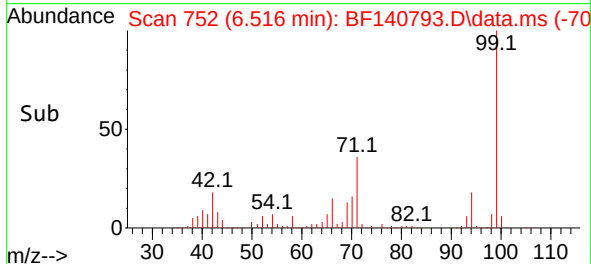
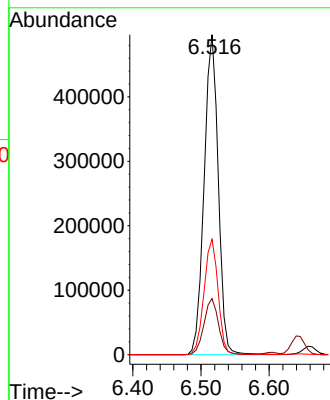
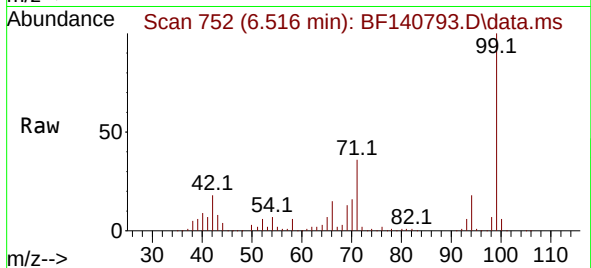




#7
Phenol-d6
Concen: 82.925 ng
RT: 6.516 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

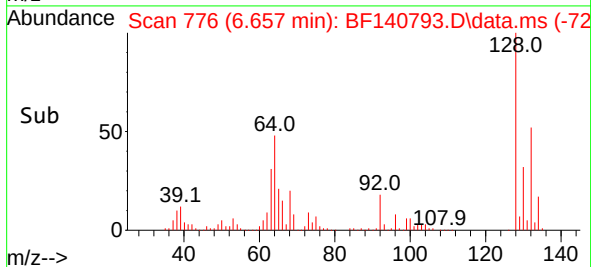
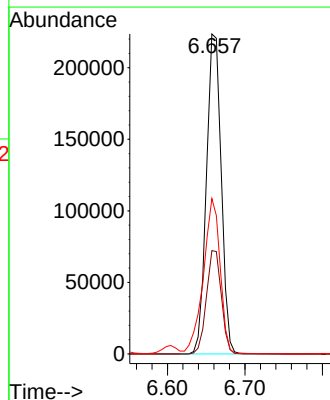
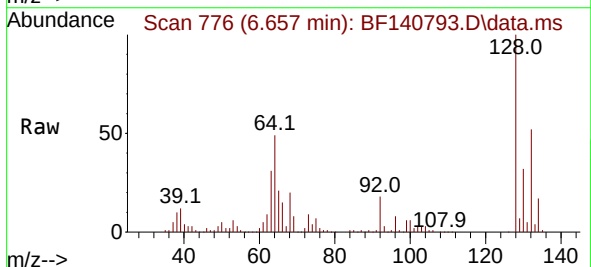
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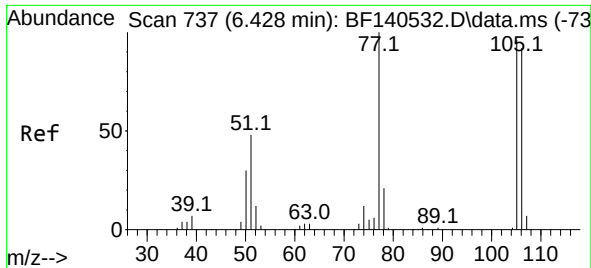
Tgt Ion: 99 Resp: 715376
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.1 30.6 46.0



#8
2-Chlorophenol
Concen: 42.284 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:128 Resp: 296851
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 48.6 30.2 70.2

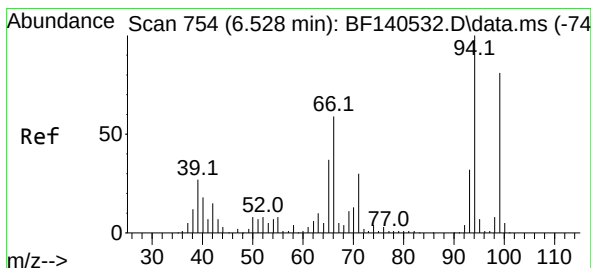
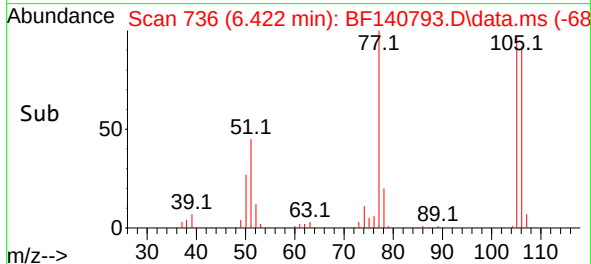
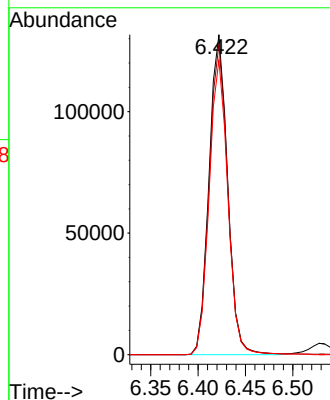
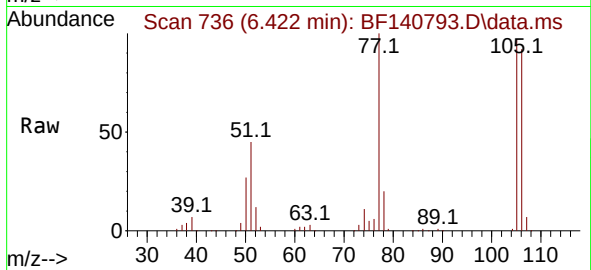




#9
Benzaldehyde
Concen: 39.296 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

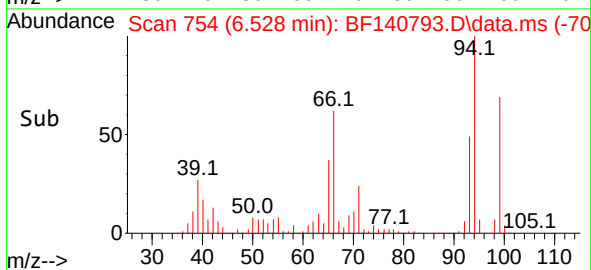
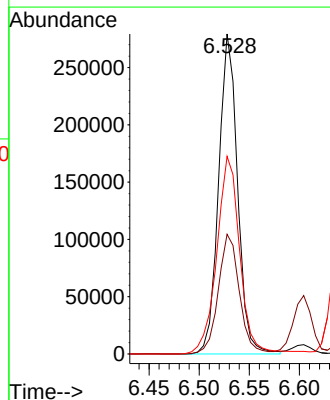
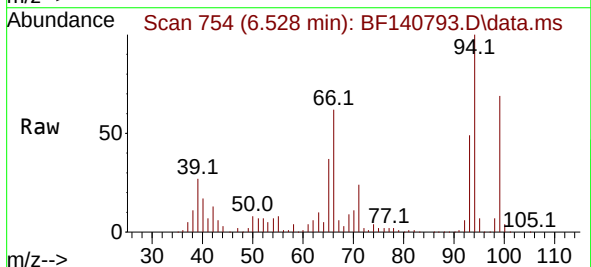
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ClientSampleId :
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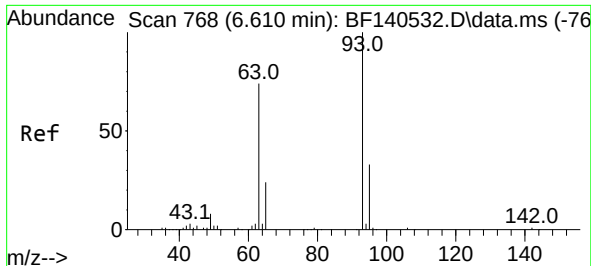
Tgt Ion: 77 Resp: 179459
Ion Ratio Lower Upper
77 100
105 97.0 75.6 115.6
106 92.0 72.0 112.0



#10
Phenol
Concen: 41.590 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 94 Resp: 366410
Ion Ratio Lower Upper
94 100
65 37.4 17.2 57.2
66 61.8 39.2 79.2

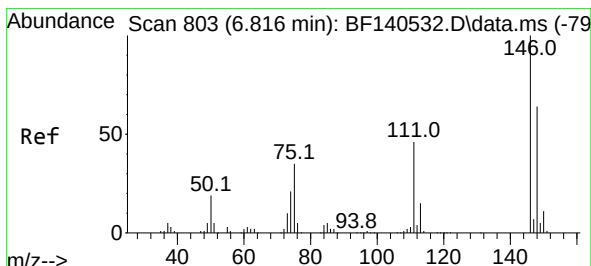
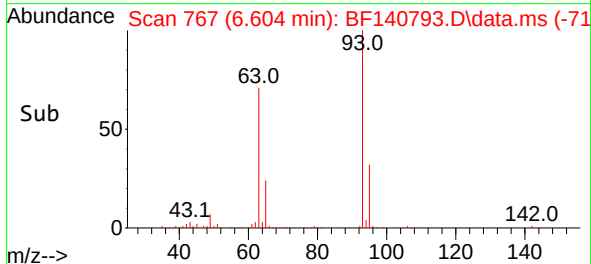
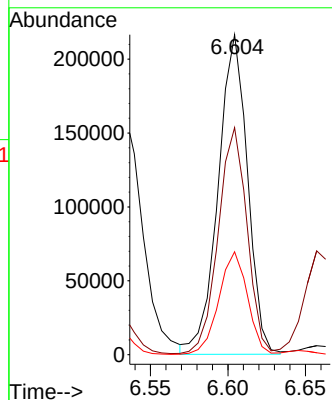
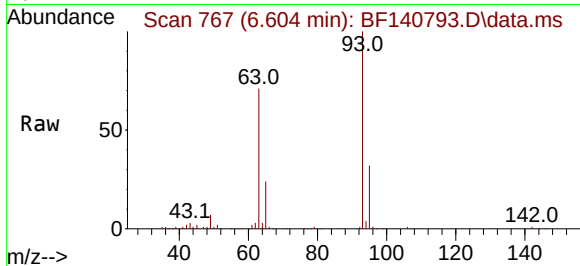




#11
bis(2-Chloroethyl)ether
Concen: 42.284 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

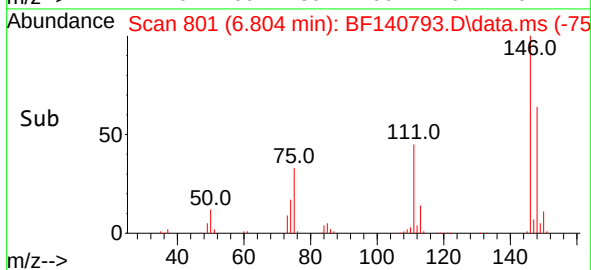
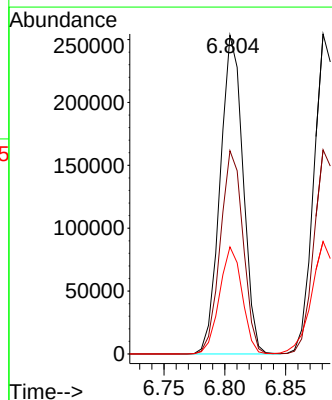
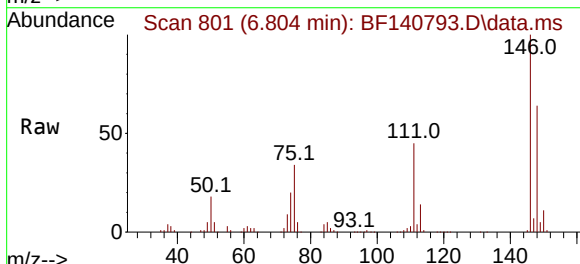
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

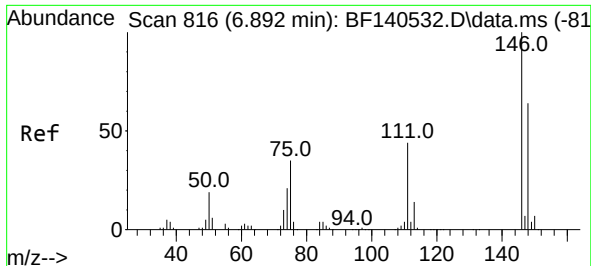
Tgt Ion: 93 Resp: 285071
Ion Ratio Lower Upper
93 100
63 71.0 52.8 92.8
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.991 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:146 Resp: 331247
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 33.6 28.2 42.2

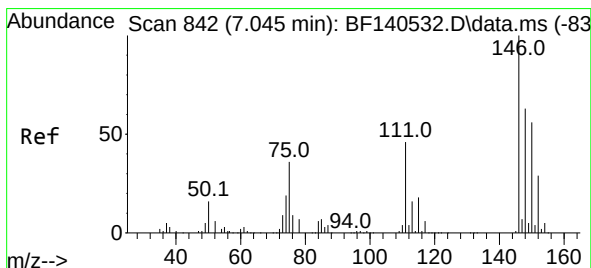
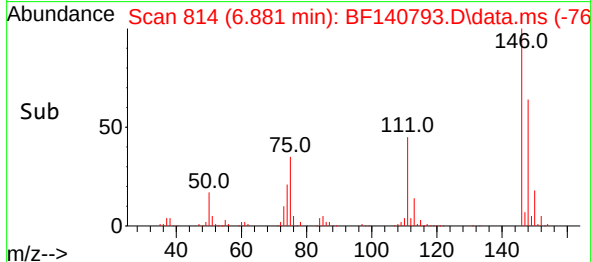
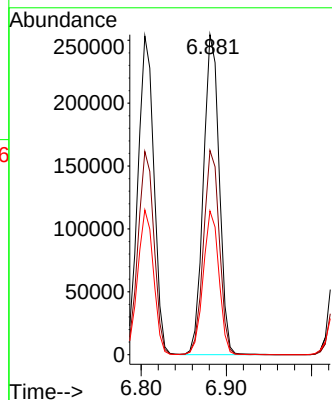
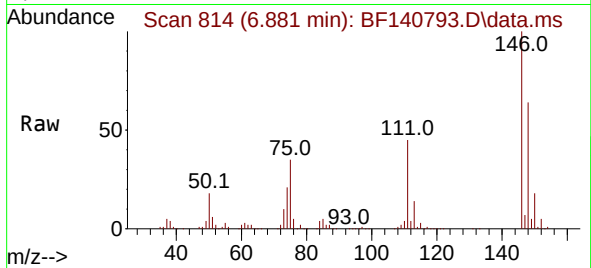




#13
1,4-Dichlorobenzene
Concen: 41.161 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

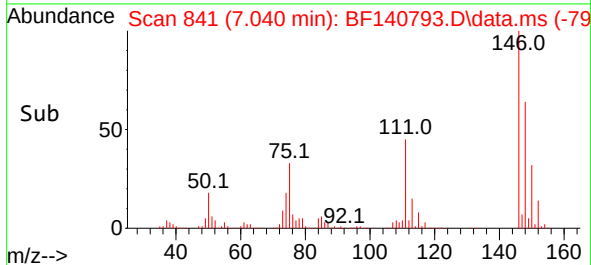
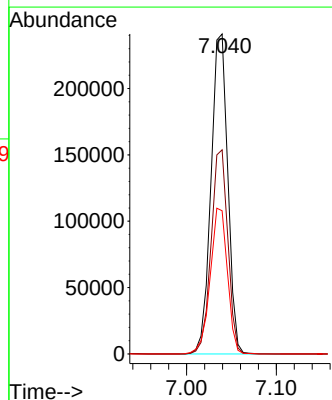
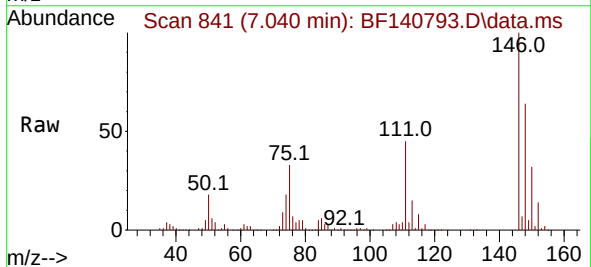
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

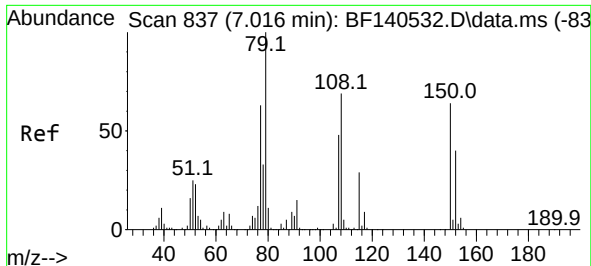
Tgt Ion:146 Resp: 328765
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.9 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 41.853 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:146 Resp: 313249
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 44.8 36.7 55.1

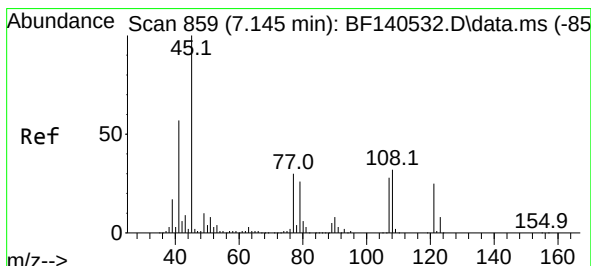
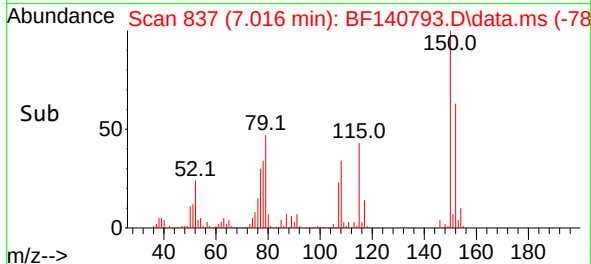
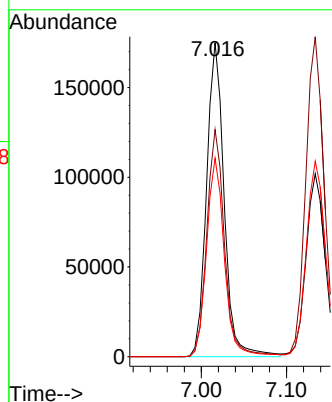
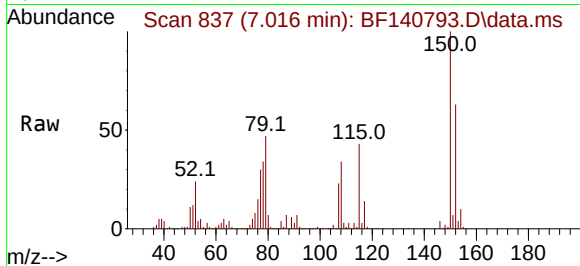




#15
Benzyl Alcohol
Concen: 39.191 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

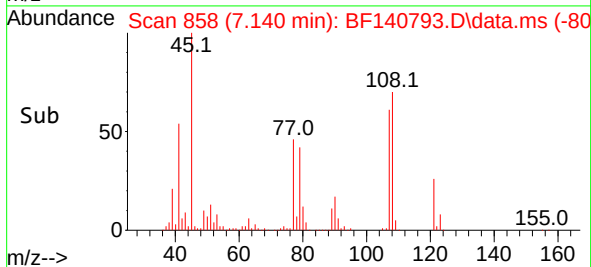
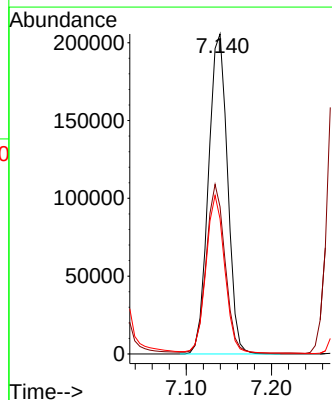
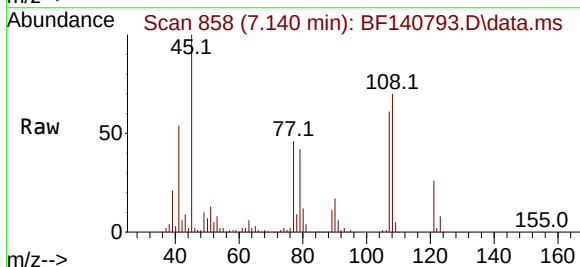
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

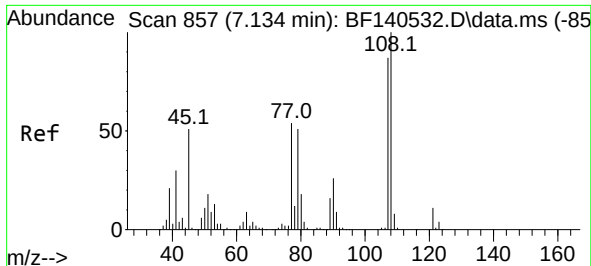
Tgt Ion: 79 Resp: 250728
Ion Ratio Lower Upper
79 100
108 72.3 55.0 82.6
77 63.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.141 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 45 Resp: 319710
Ion Ratio Lower Upper
45 100
77 46.0 10.7 50.7
79 42.3 7.0 47.0

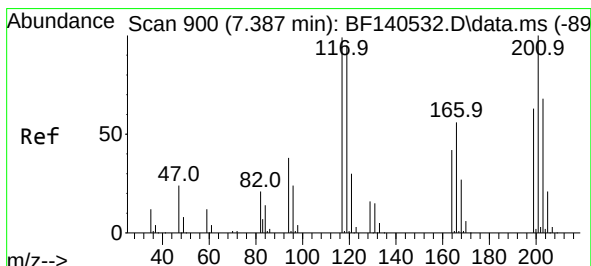
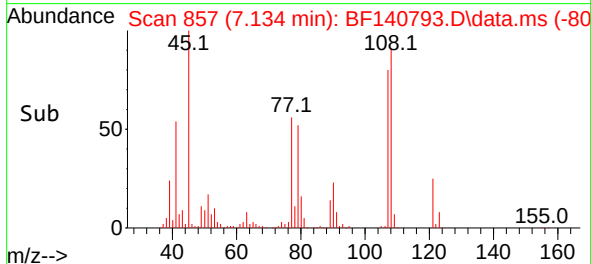
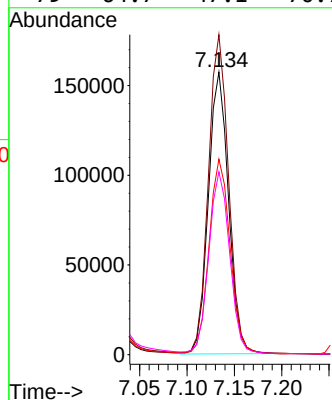
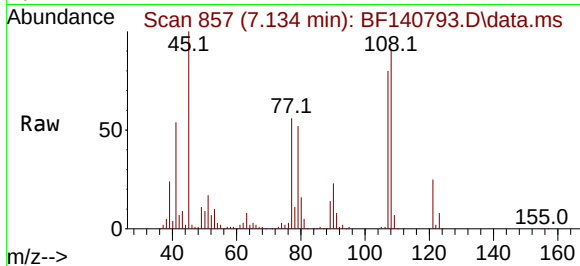




#17
2-Methylphenol
Concen: 41.380 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

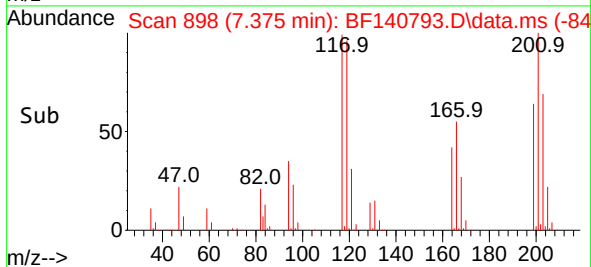
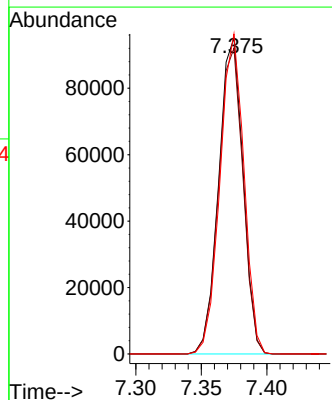
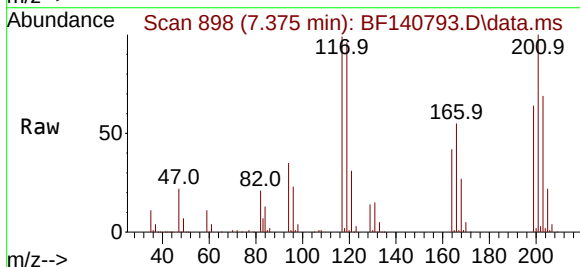
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

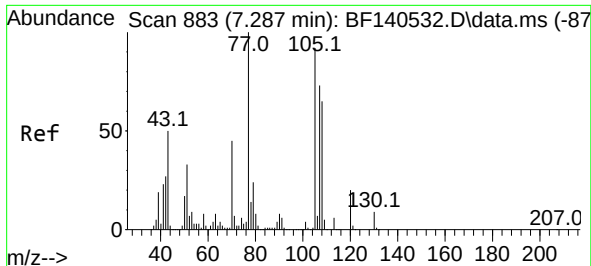
Tgt Ion:	107	Resp:	232545
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	69.2	49.3	73.9
79	64.7	47.1	70.7



#18
Hexachloroethane
Concen: 41.181 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:	117	Resp:	122849
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.1	115.7
201	101.2	81.1	121.7



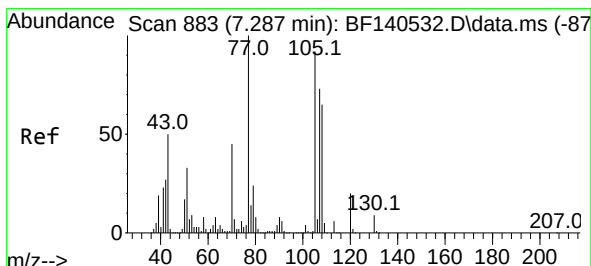
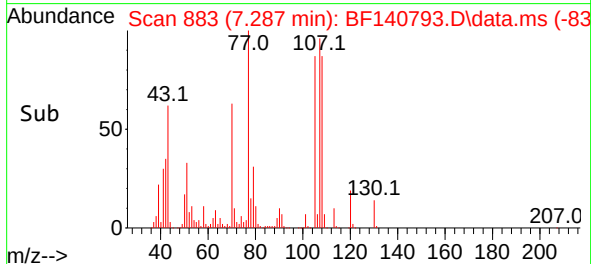
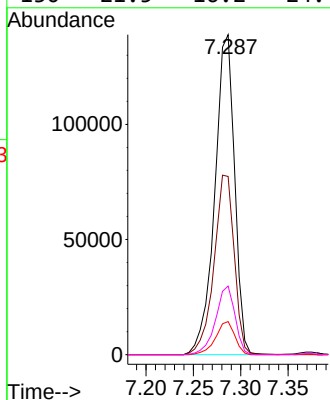
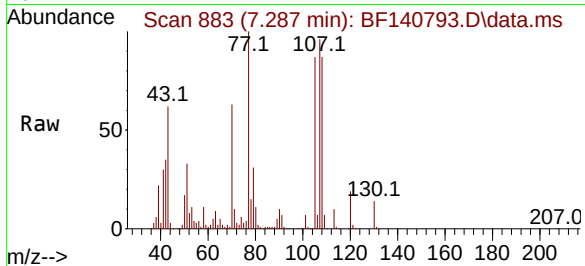


#19
n-Nitroso-di-n-propylamine
Concen: 39.723 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 202526

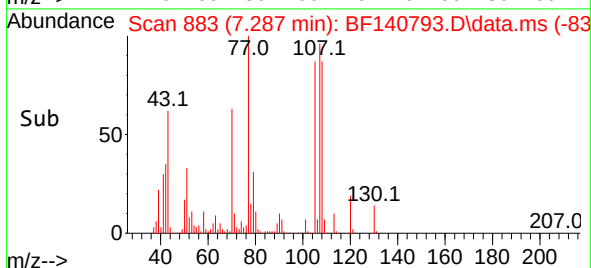
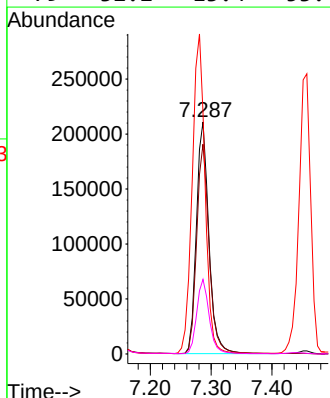
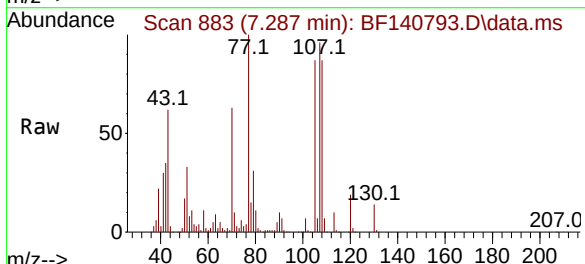
Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.6	71.4
101	10.4	7.6	11.4
130	21.5	16.2	24.4

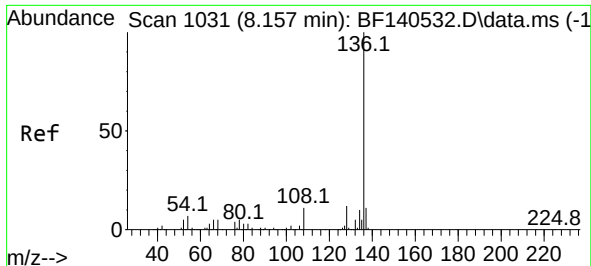


#20
3+4-Methylphenols
Concen: 41.448 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 107 Resp: 299394

Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.9	109.9
77	104.1	117.7	157.7#
79	32.2	13.4	53.4



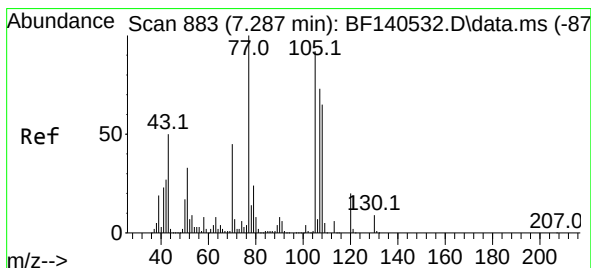
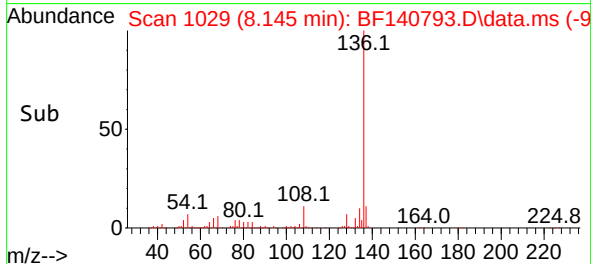
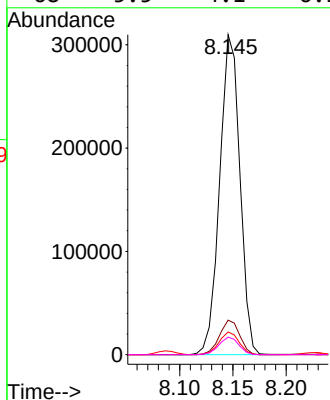
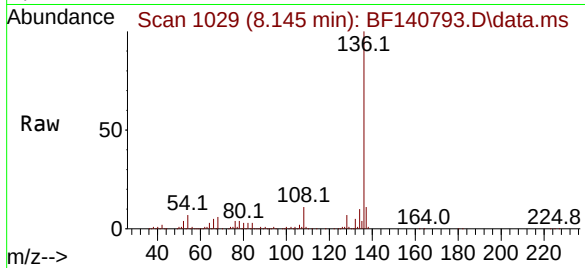


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 407852

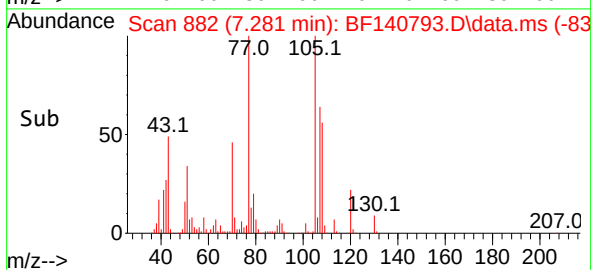
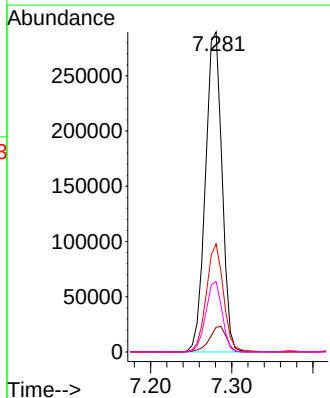
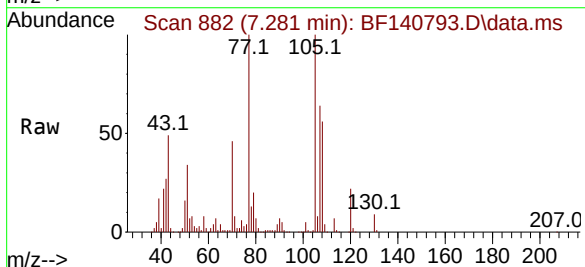
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.1	5.8	8.8
68	5.5	4.1	6.1

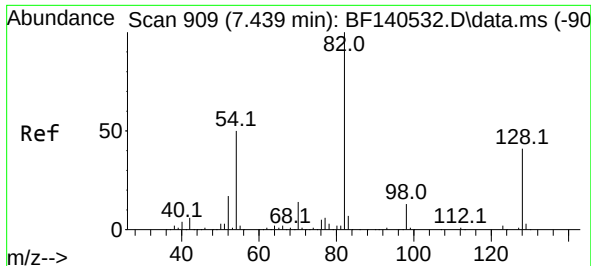


#22
Acetophenone
Concen: 41.186 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:105 Resp: 409520

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.2
51	33.8	29.0	43.6
120	22.0	17.4	26.0

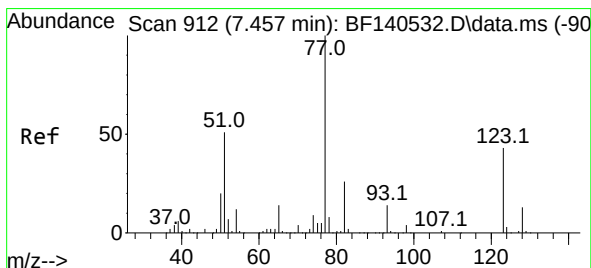
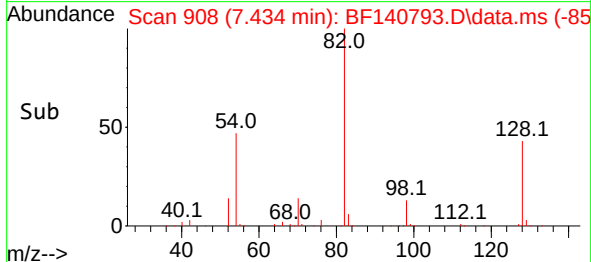
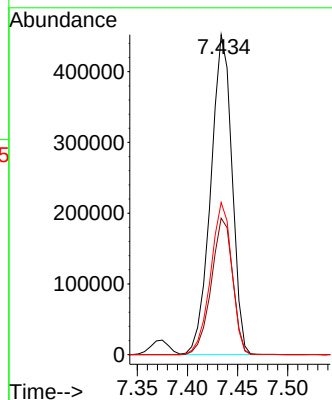
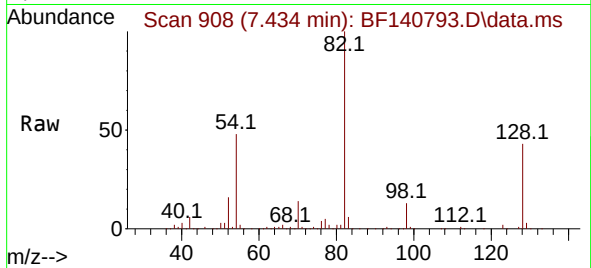




#23
Nitrobenzene-d5
Concen: 83.533 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

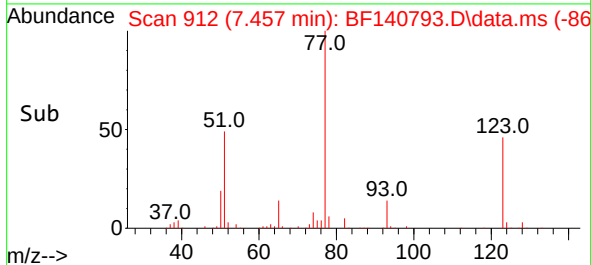
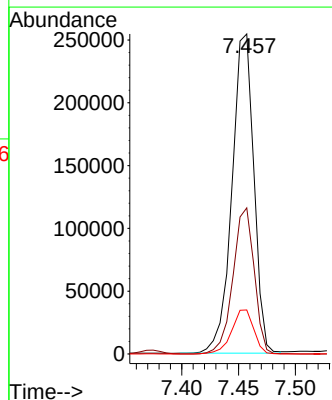
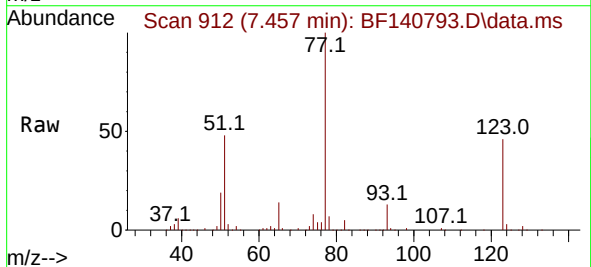
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

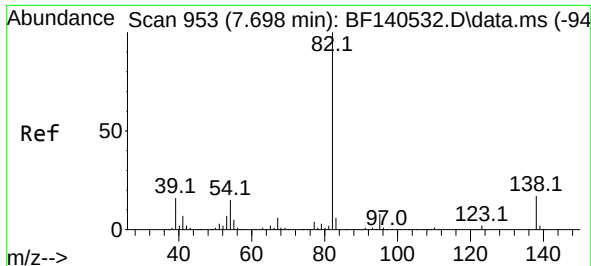
Tgt Ion: 82 Resp: 666058
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 47.6 39.5 59.3



#24
Nitrobenzene
Concen: 41.293 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 77 Resp: 340292
Ion Ratio Lower Upper
77 100
123 45.7 34.3 51.5
65 13.7 11.2 16.8

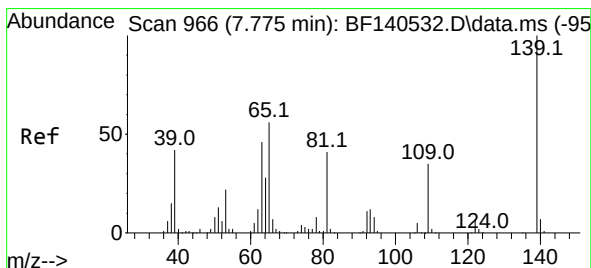
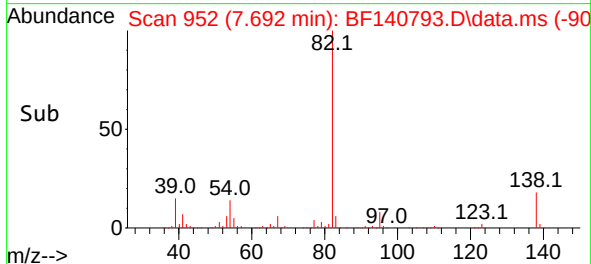
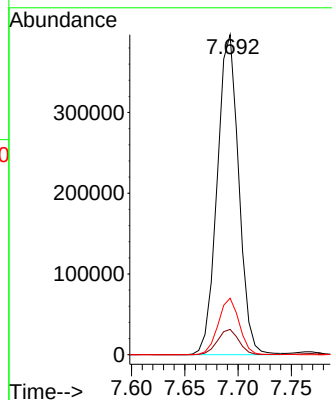
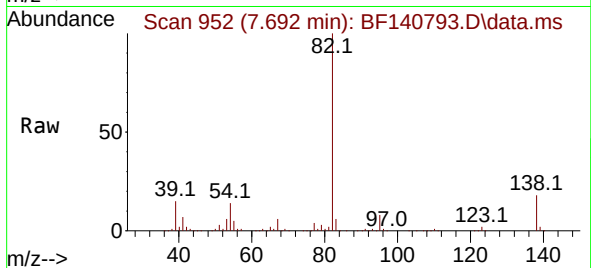




#25
Isophorone
Concen: 41.803 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

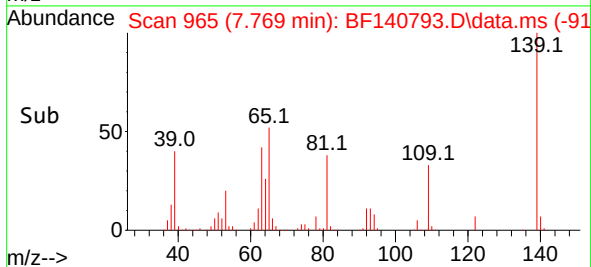
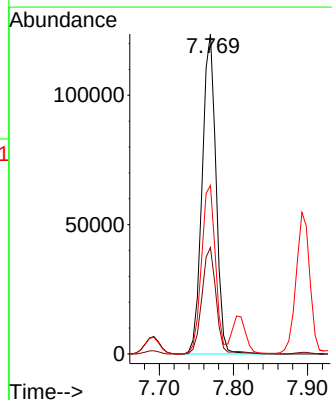
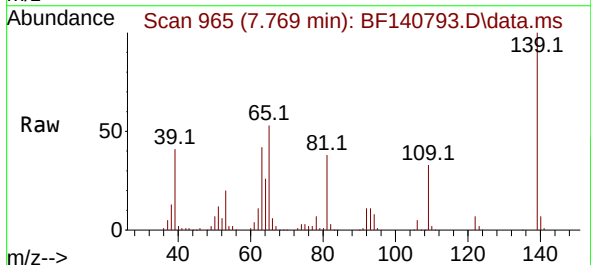
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

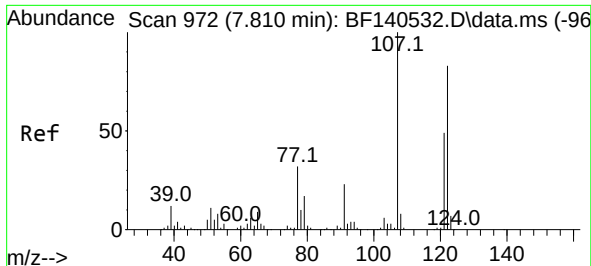
Tgt Ion: 82 Resp: 555956
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.6 13.8 20.6



#26
2-Nitrophenol
Concen: 43.820 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:139 Resp: 160033
Ion Ratio Lower Upper
139 100
109 33.3 28.0 42.0
65 52.6 44.6 67.0

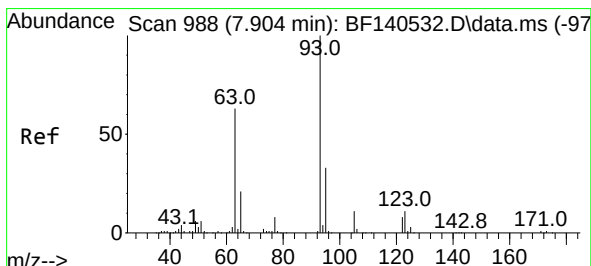
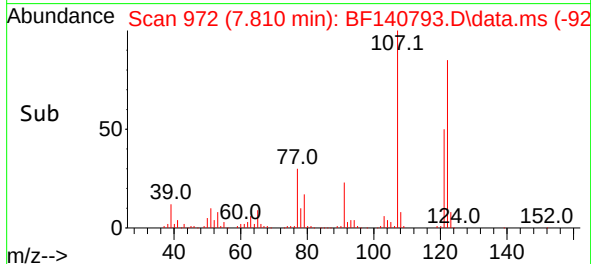
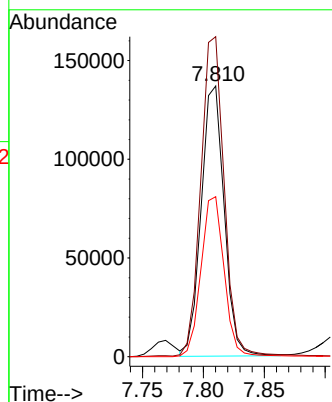
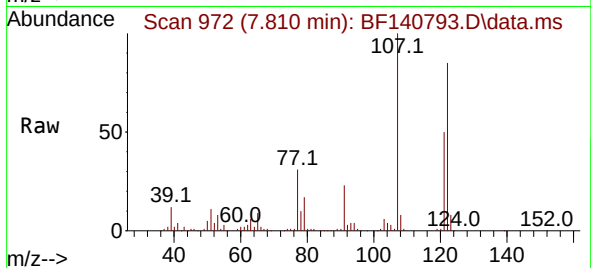




#27
2,4-Dimethylphenol
Concen: 41.194 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

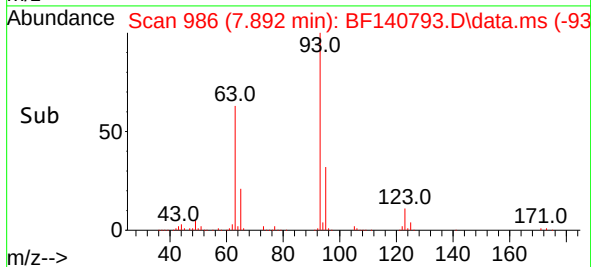
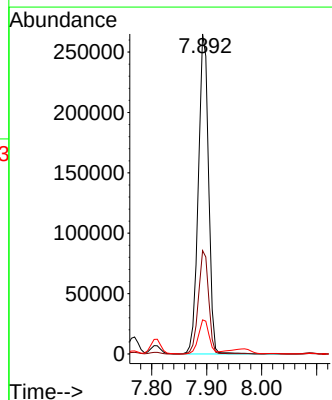
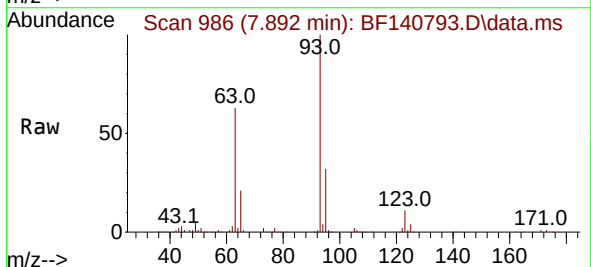
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

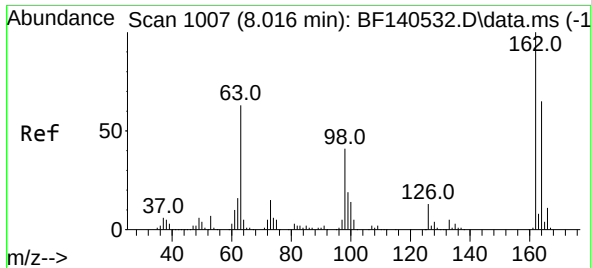
Tgt Ion:122 Resp: 180002
Ion Ratio Lower Upper
122 100
107 118.2 96.8 145.2
121 59.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.468 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion: 93 Resp: 344075
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.337 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

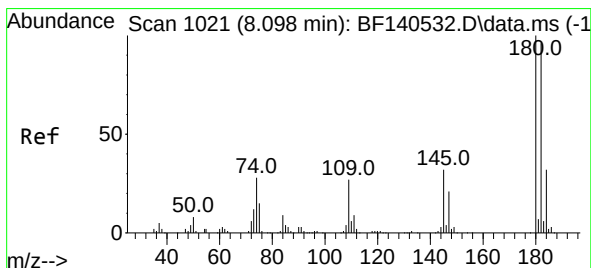
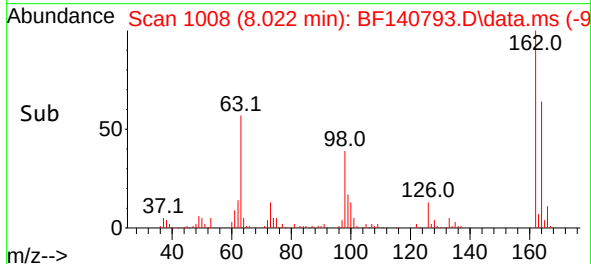
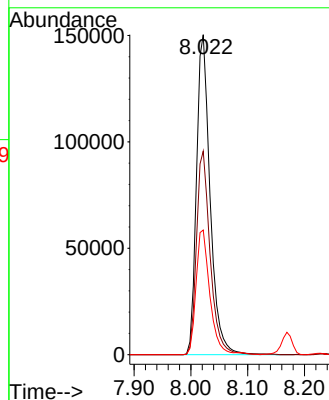
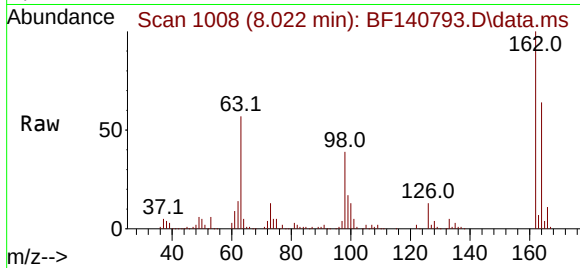
Tgt Ion:162 Resp: 250923

Ion Ratio Lower Upper

162 100

164 63.6 44.8 84.8

98 38.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 42.076 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

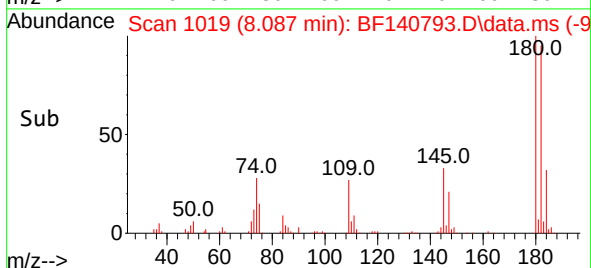
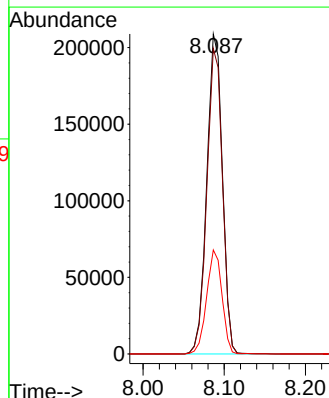
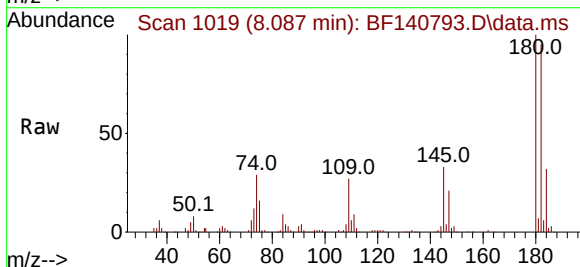
Tgt Ion:180 Resp: 278158

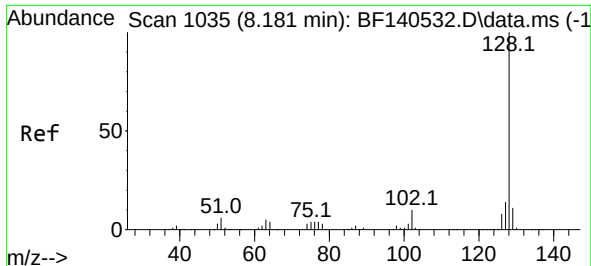
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 32.5 25.9 38.9

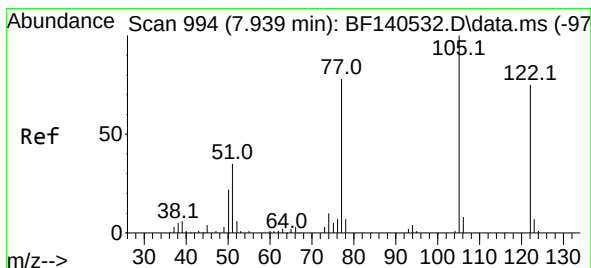
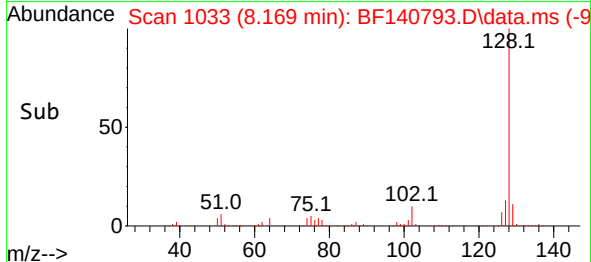
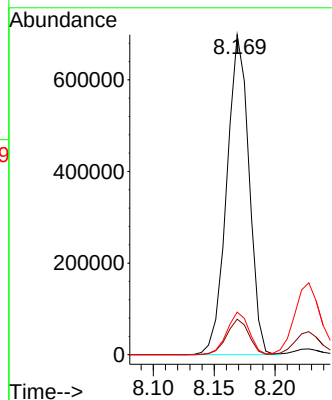
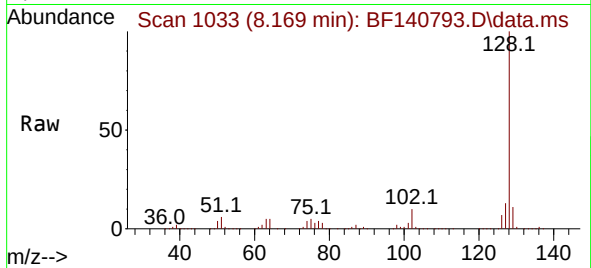




#31
Naphthalene
Concen: 42.379 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

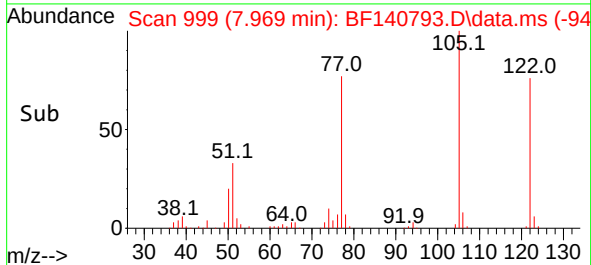
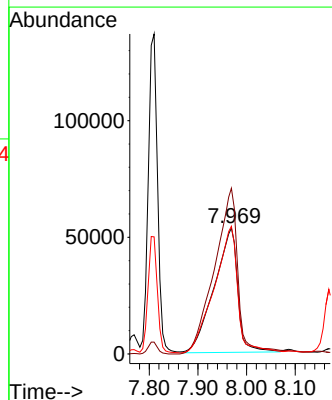
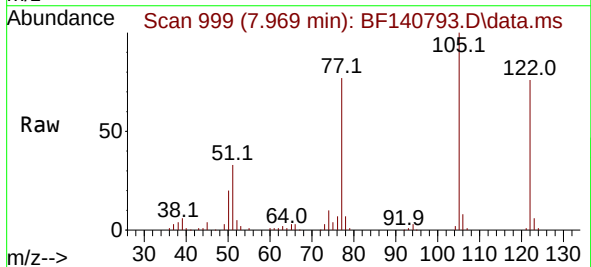
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

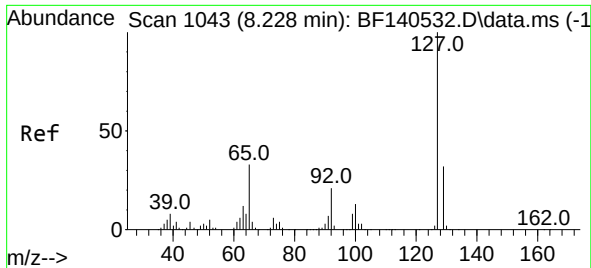
Tgt Ion:128 Resp: 890300
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 47.213 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.030 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:122 Resp: 179000
Ion Ratio Lower Upper
122 100
105 131.7 109.3 149.3
77 101.4 82.3 122.3

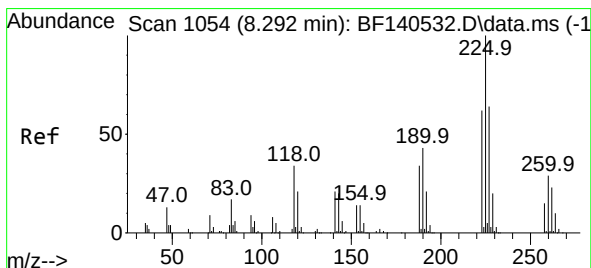
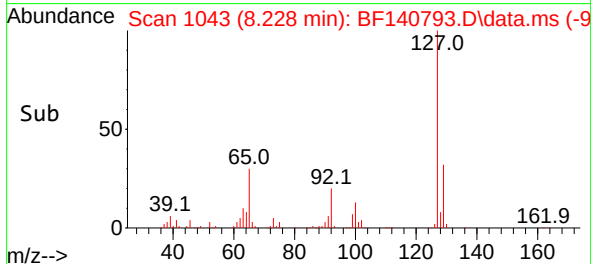
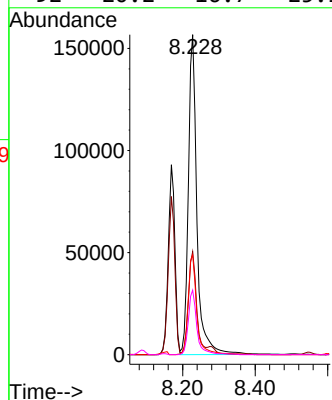
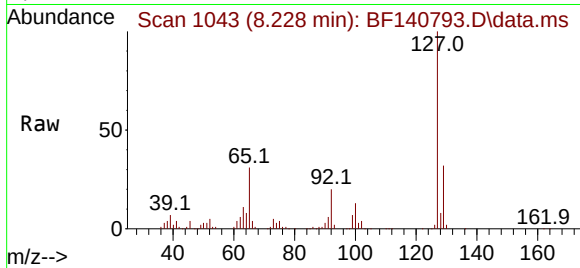




#33
4-Chloroaniline
Concen: 41.114 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

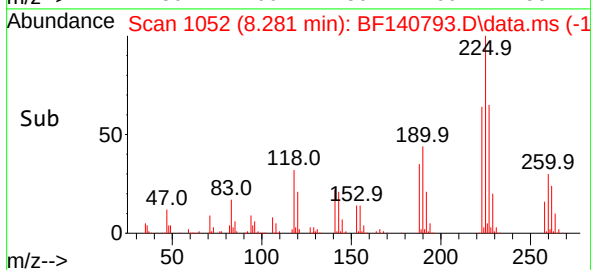
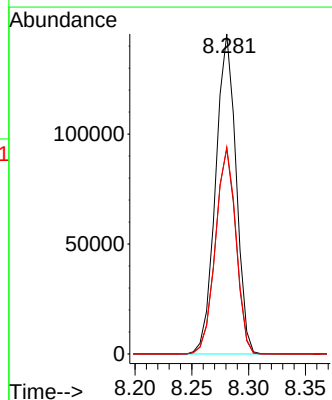
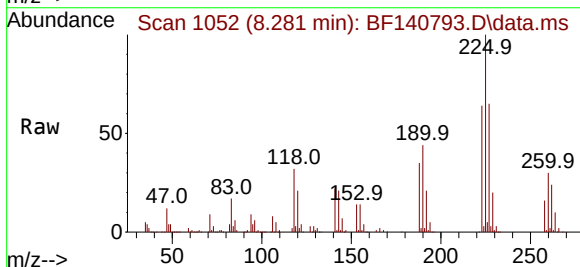
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

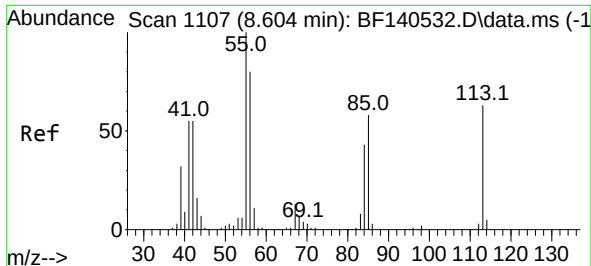
Tgt Ion:	127	Resp:	258600
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	31.2	26.0	39.0
92	20.2	16.7	25.1



#34
Hexachlorobutadiene
Concen: 41.597 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:	225	Resp:	182142
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.8	74.8
227	64.6	51.3	76.9

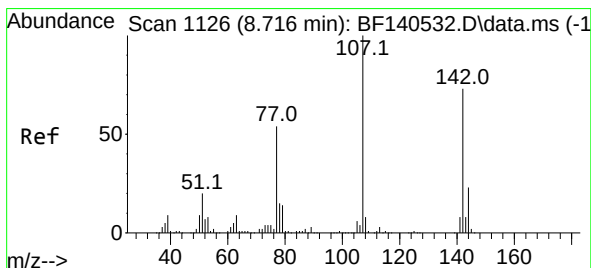
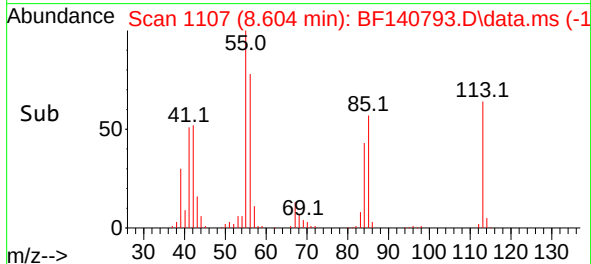
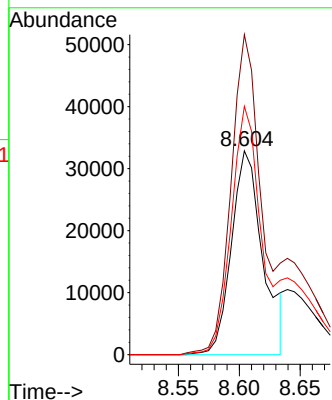
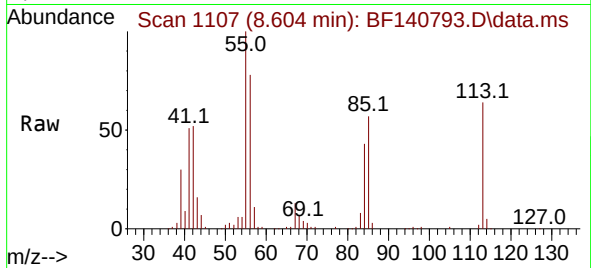




#35
 Caprolactam
 Concen: 32.808 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

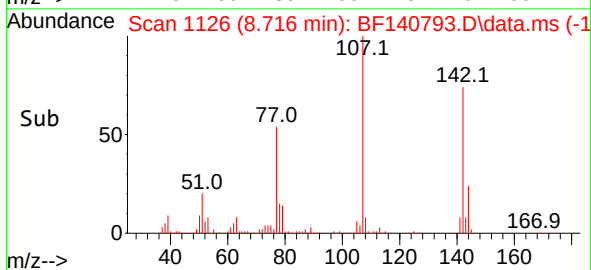
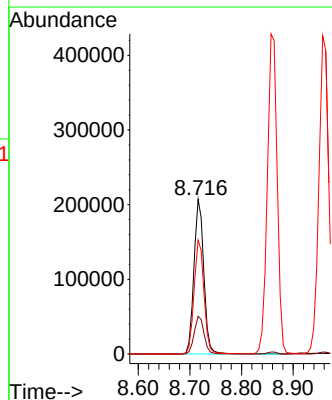
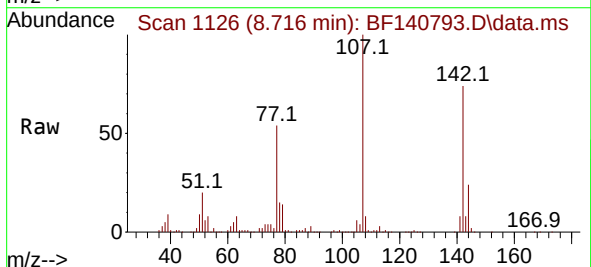
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

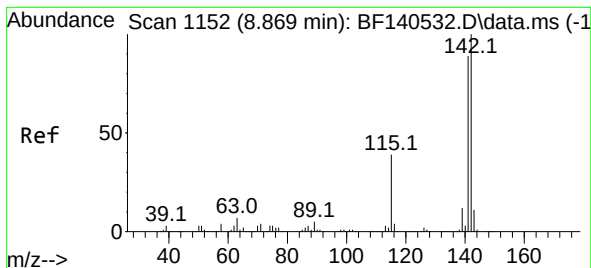
Tgt Ion:113 Resp: 58787
 Ion Ratio Lower Upper
 113 100
 55 156.9 137.7 177.7
 56 121.8 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.344 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

Tgt Ion:107 Resp: 274503
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.7 28.1
 142 73.7 58.3 87.5

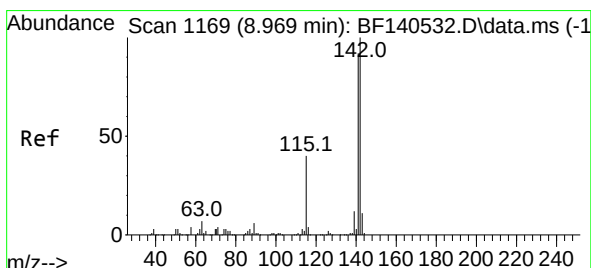
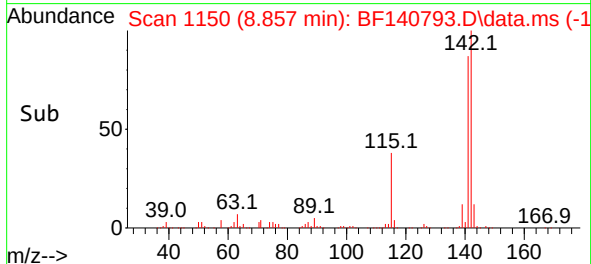
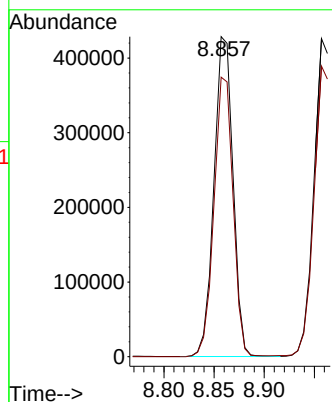
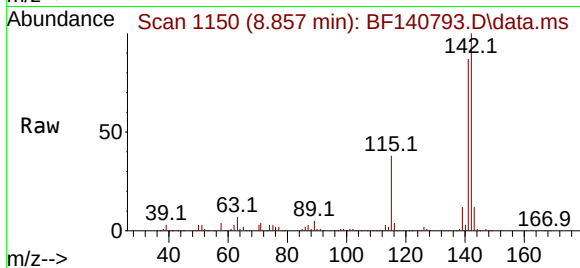




#37
2-Methylnaphthalene
Concen: 42.381 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

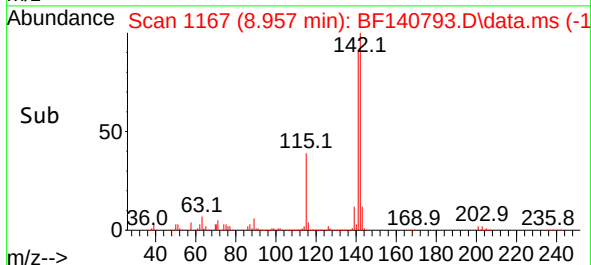
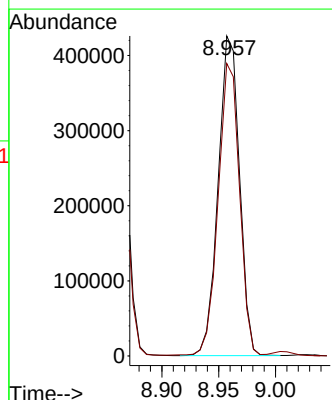
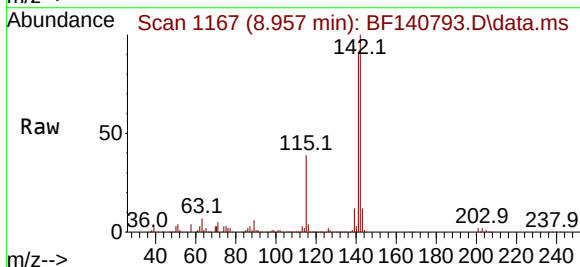
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

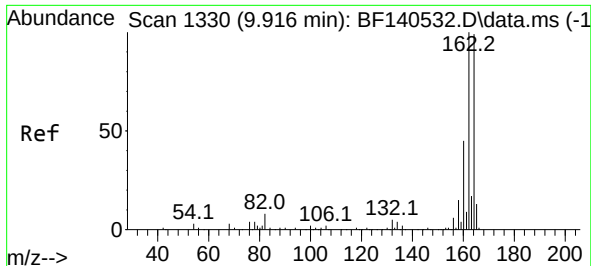
Tgt Ion:142 Resp: 565502
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 42.427 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:142 Resp: 554906
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

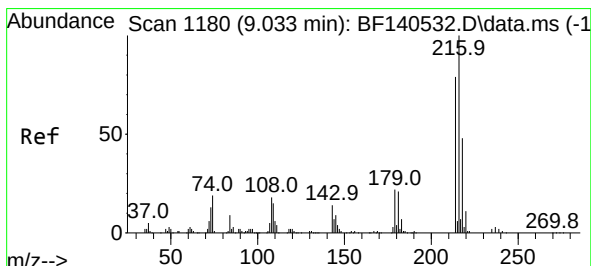
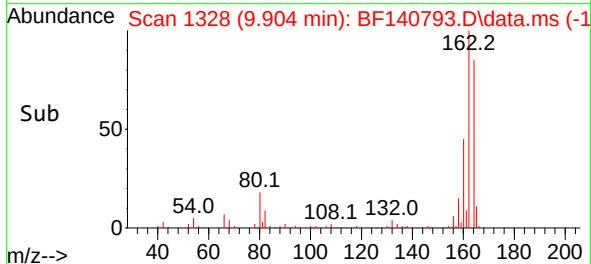
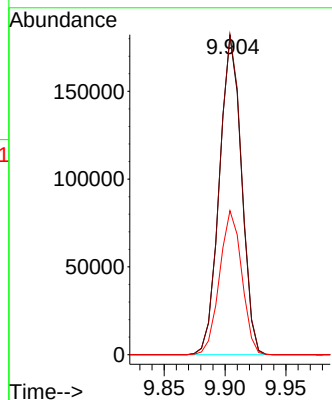
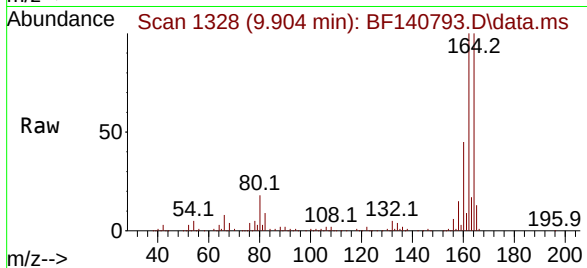




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

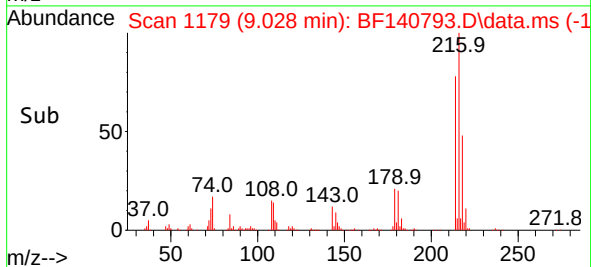
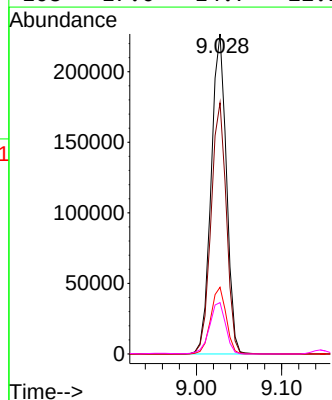
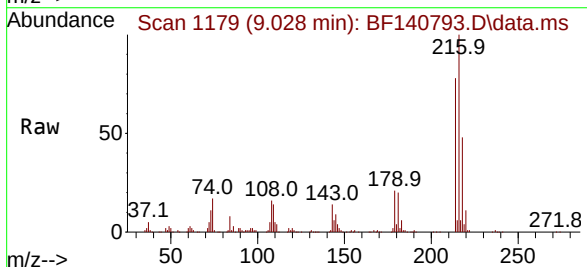
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

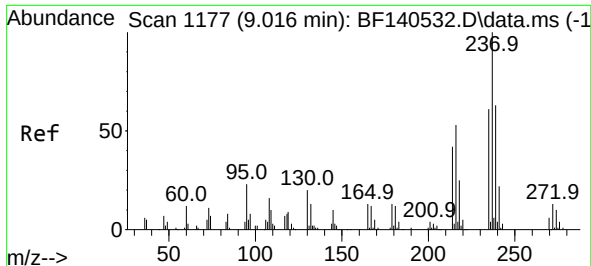
Tgt Ion:164 Resp: 228841
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.259 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:216 Resp: 283106
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.9 17.5 26.3
108 17.0 14.7 22.1

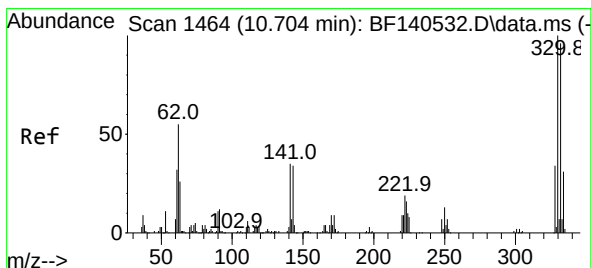
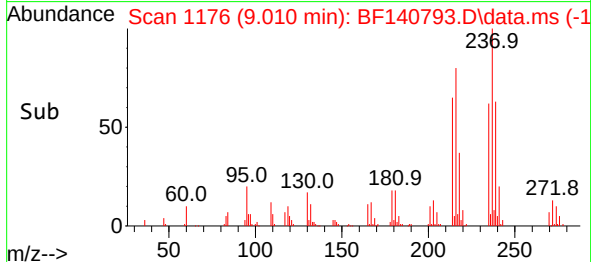
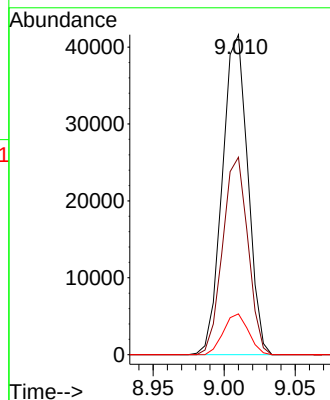
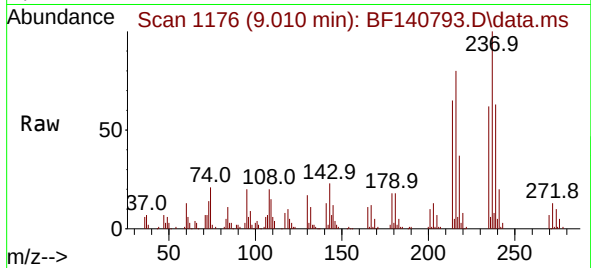




#41
Hexachlorocyclopentadiene
Concen: 38.655 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

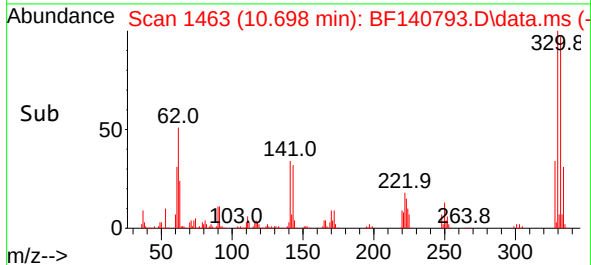
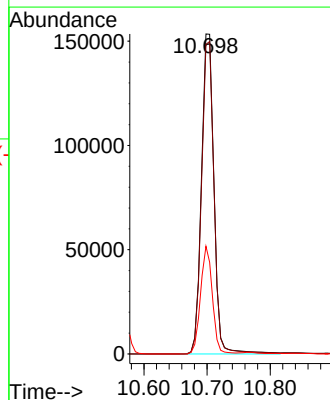
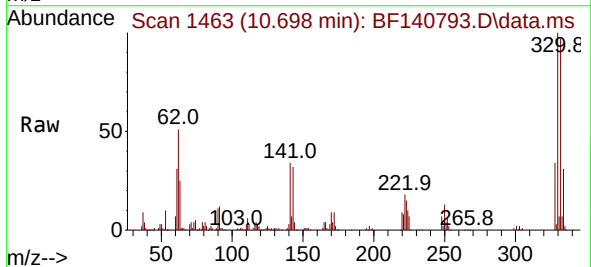
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

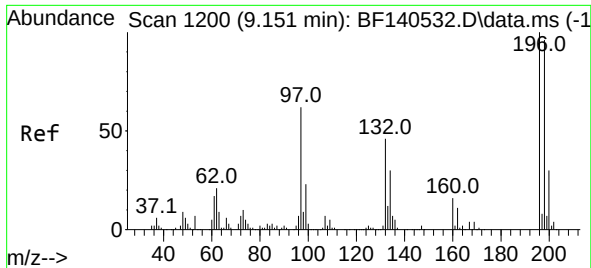
Tgt Ion:237 Resp: 51965
Ion Ratio Lower Upper
237 100
235 61.7 41.1 81.1
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 86.408 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:330 Resp: 211482
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 31.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 42.701 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

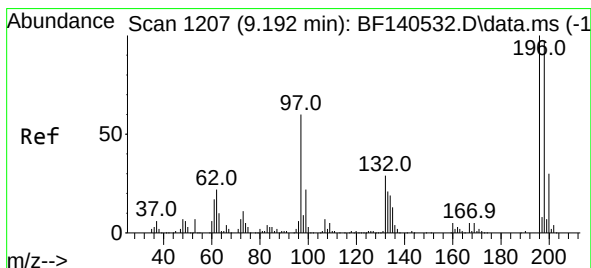
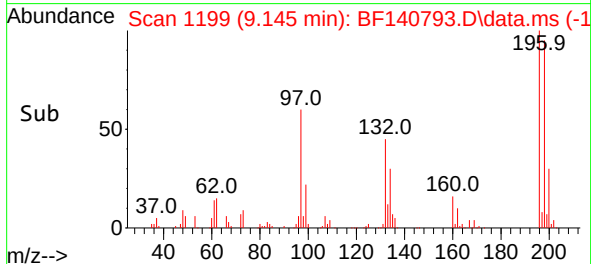
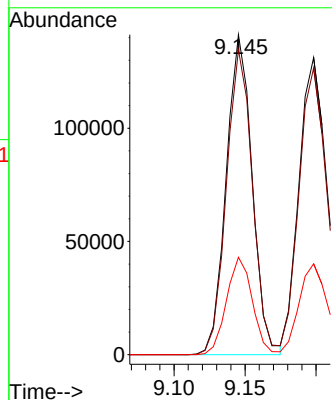
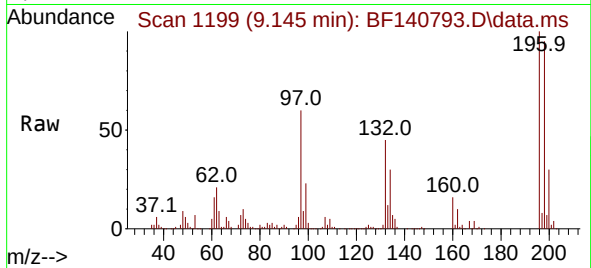
Tgt Ion:196 Resp: 179504

Ion Ratio Lower Upper

196 100

198 95.3 76.8 115.2

200 30.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.868 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Tgt Ion:196 Resp: 191015

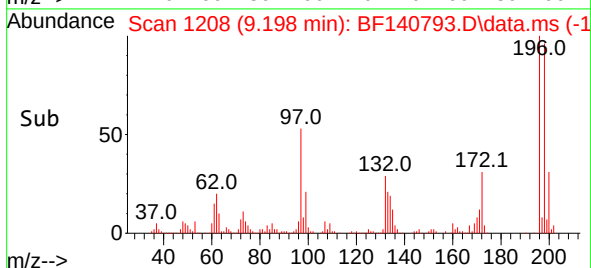
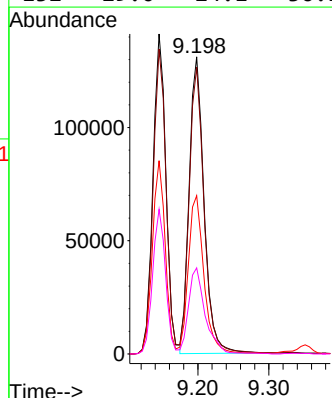
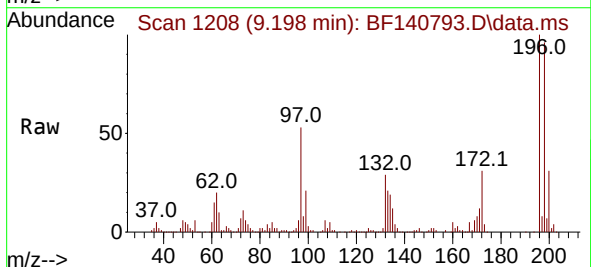
Ion Ratio Lower Upper

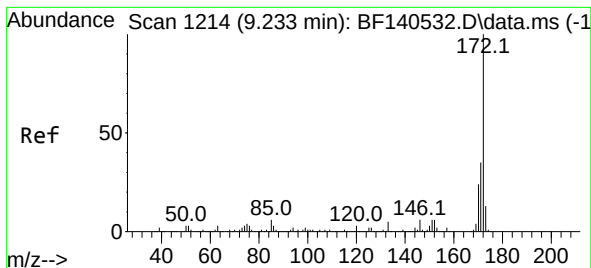
196 100

198 96.5 77.2 115.8

97 53.3 47.1 70.7

132 29.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 82.763 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

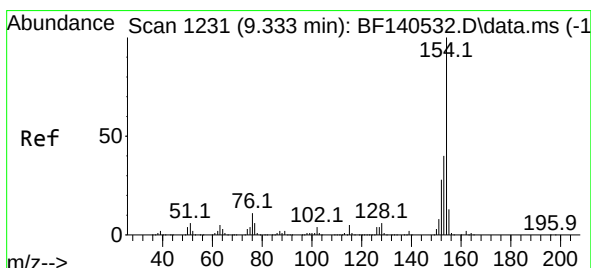
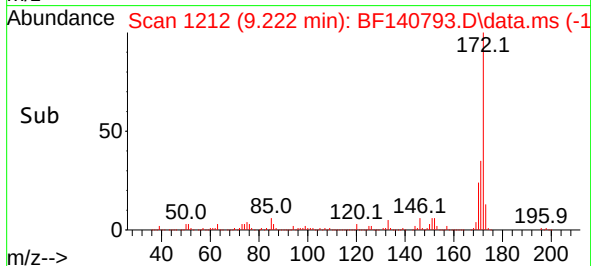
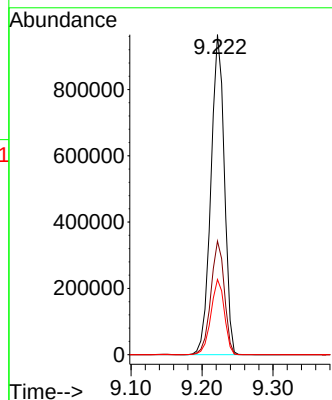
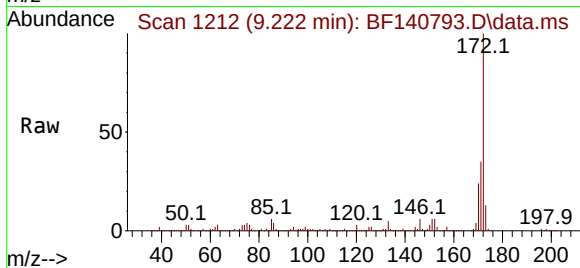
Tgt Ion:172 Resp: 1271155

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.689 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

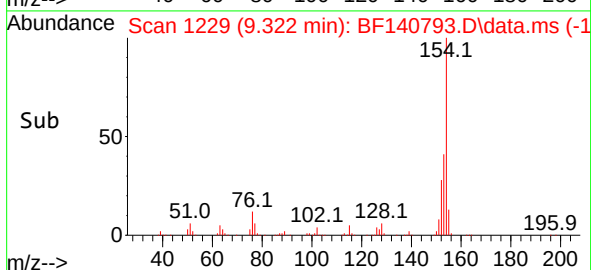
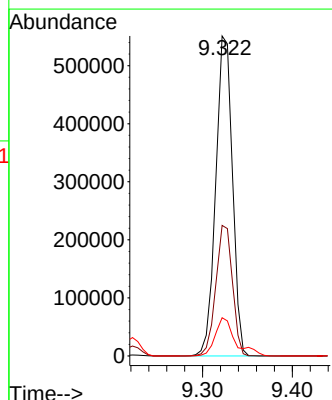
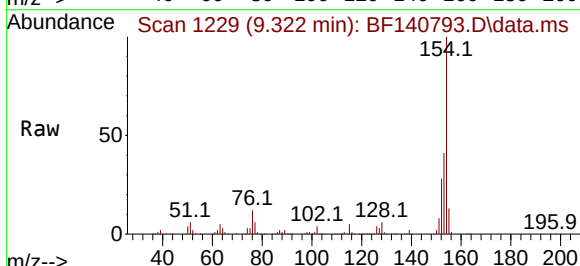
Tgt Ion:154 Resp: 712274

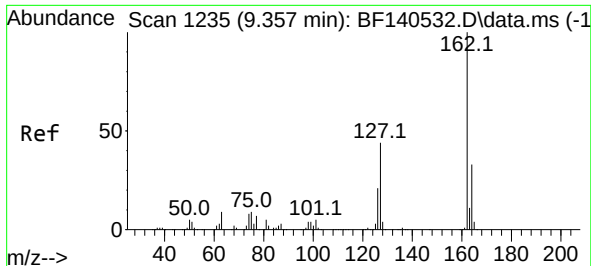
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 42.363 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

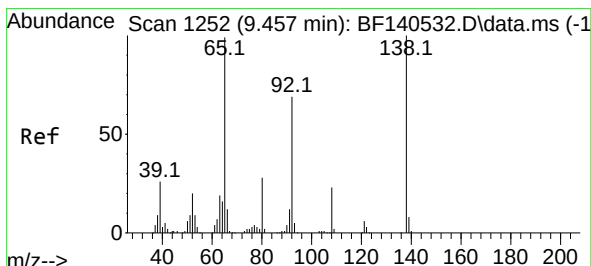
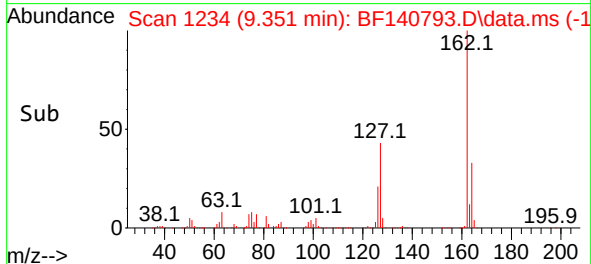
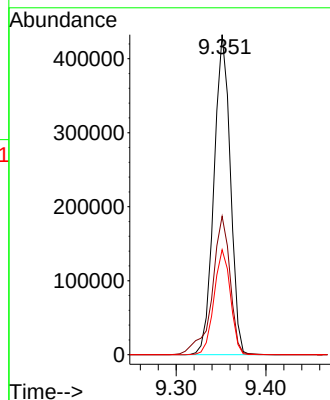
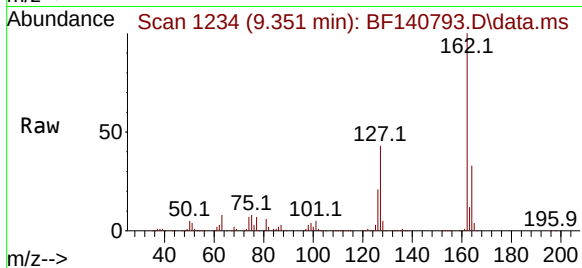
Tgt Ion:162 Resp: 548428

Ion Ratio Lower Upper

162 100

127 43.2 35.7 53.5

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 41.753 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

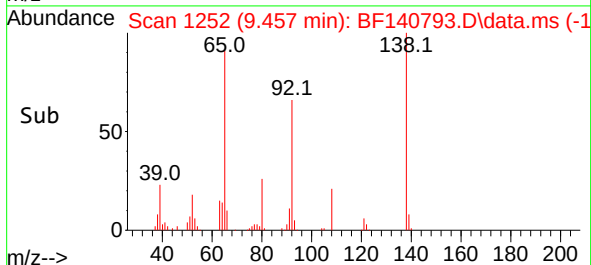
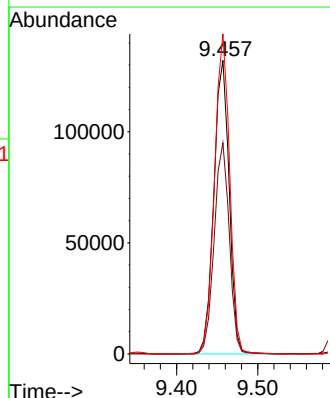
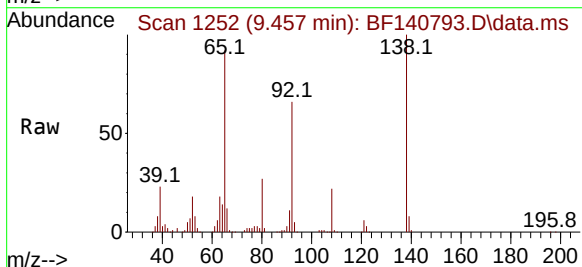
Tgt Ion: 65 Resp: 173500

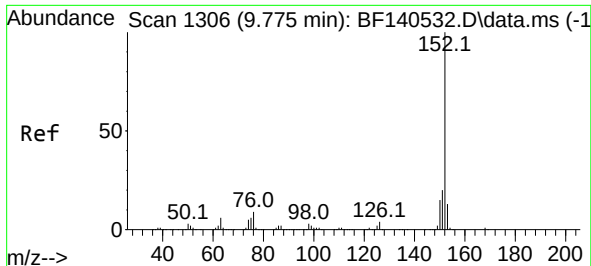
Ion Ratio Lower Upper

65 100

92 71.9 56.1 84.1

138 109.0 81.0 121.6





#49

Acenaphthylene

Concen: 41.049 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

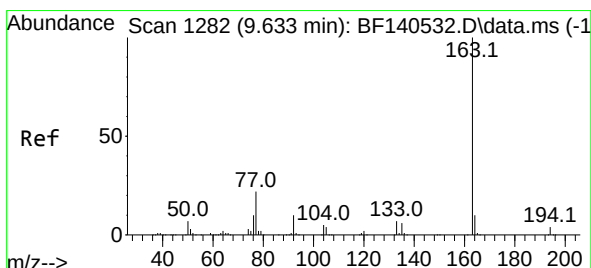
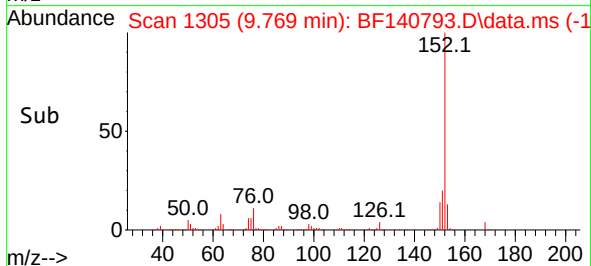
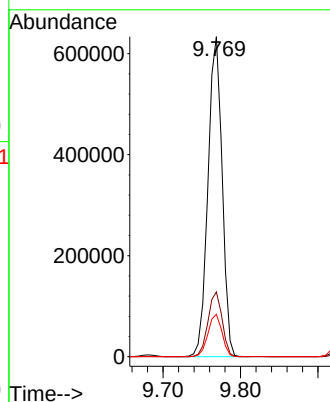
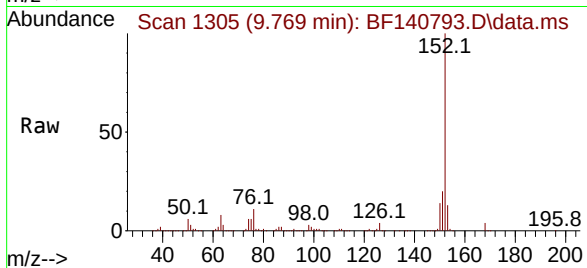
Tgt Ion:152 Resp: 802935

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 42.443 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

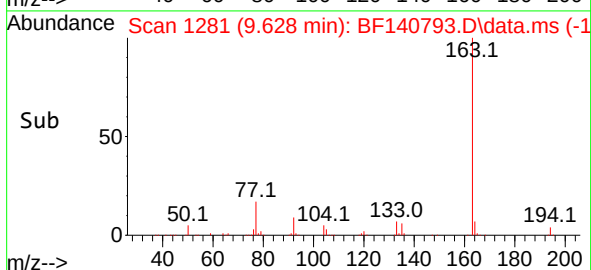
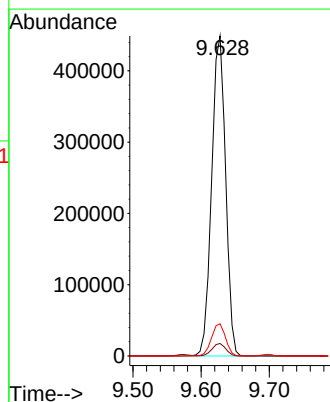
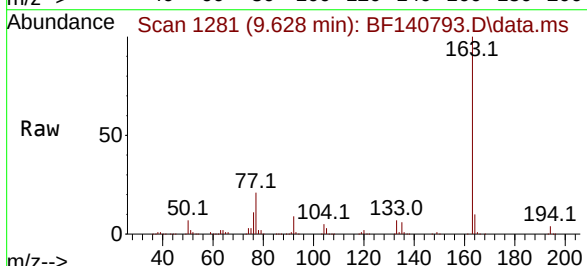
Tgt Ion:163 Resp: 639675

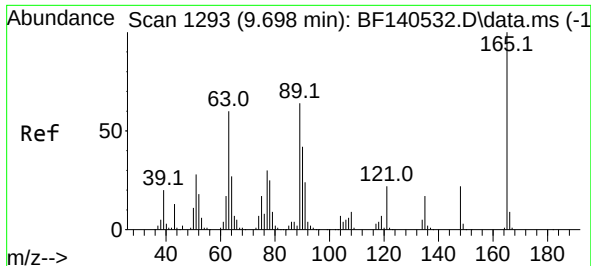
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.2 12.2

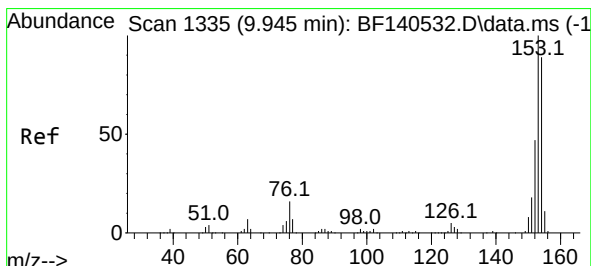
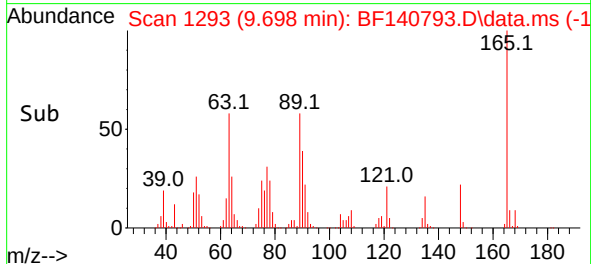
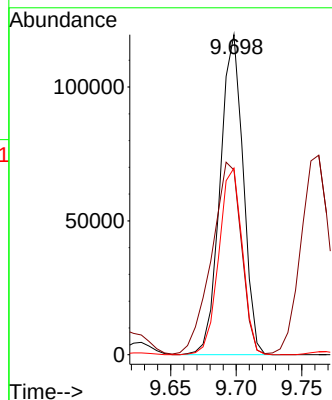
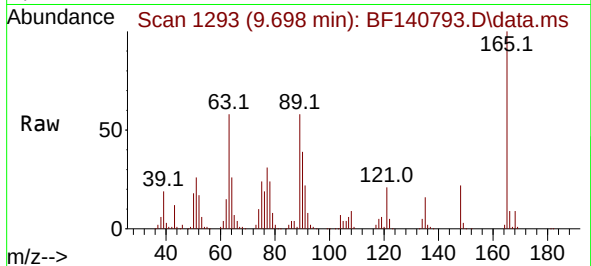




#51
2,6-Dinitrotoluene
Concen: 42.558 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

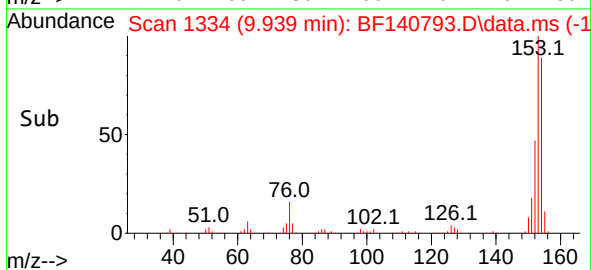
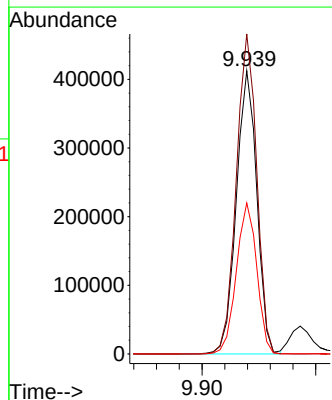
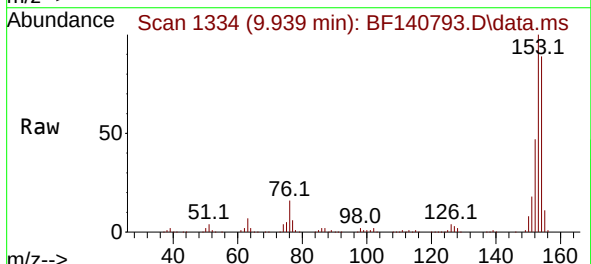
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

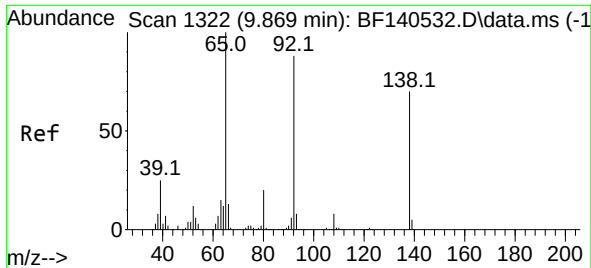
Tgt Ion:165 Resp: 145468
Ion Ratio Lower Upper
165 100
63 57.7 49.9 74.9
89 58.3 50.9 76.3



#52
Acenaphthene
Concen: 41.593 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:154 Resp: 516945
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 53.3 42.5 63.7

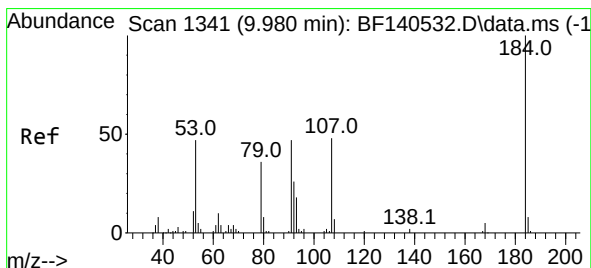
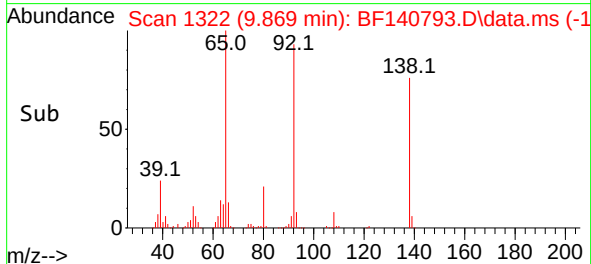
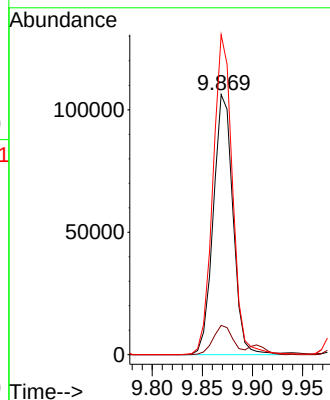
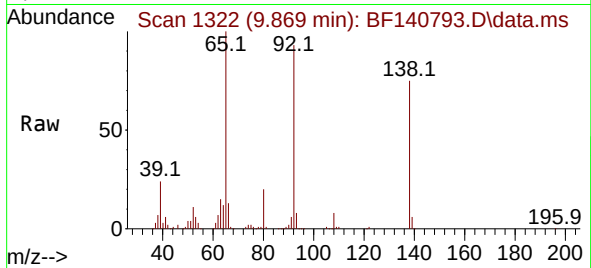




#53
3-Nitroaniline
Concen: 43.347 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

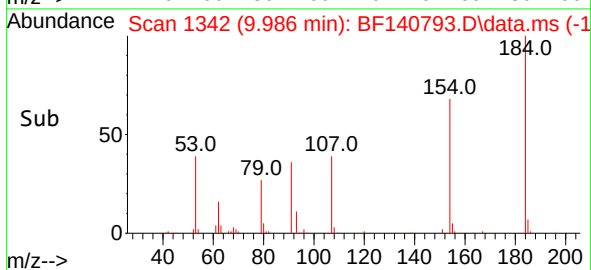
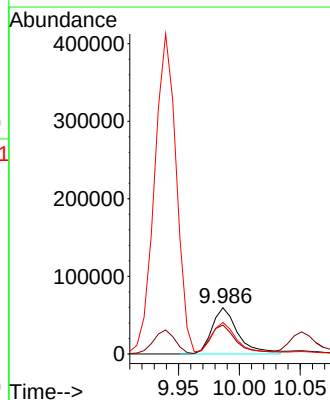
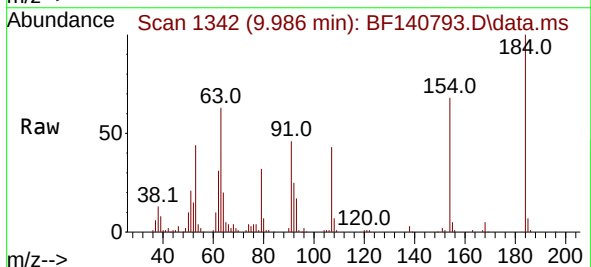
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

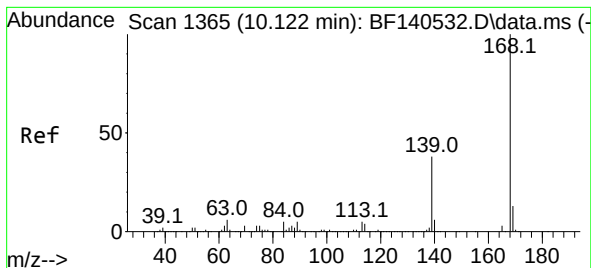
Tgt Ion:138 Resp: 144912
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 123.0 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 53.002 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:184 Resp: 88646
Ion Ratio Lower Upper
184 100
63 62.8 54.1 81.1
154 68.3 57.4 86.0





#55

Dibenzenofuran

Concen: 41.305 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

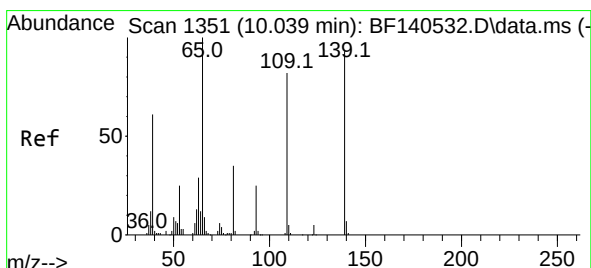
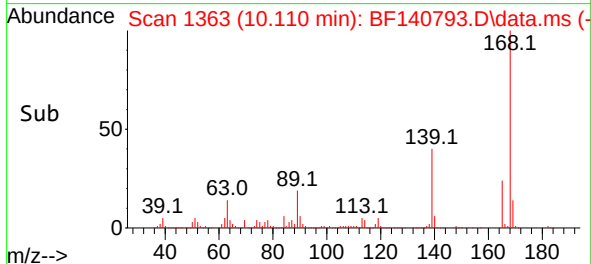
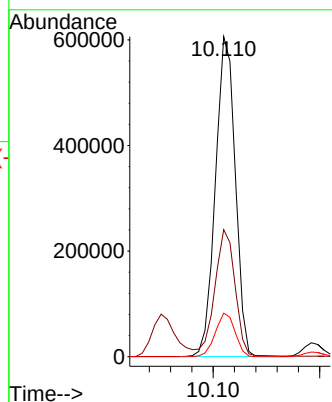
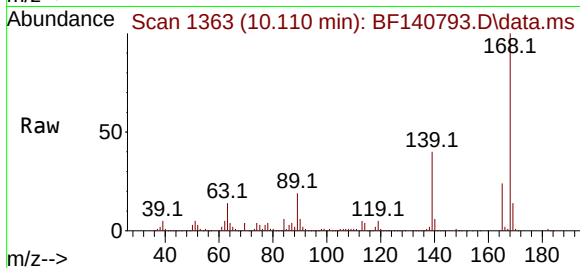
Tgt Ion:168 Resp: 783038

Ion Ratio Lower Upper

168 100

139 39.7 31.3 46.9

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 54.099 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

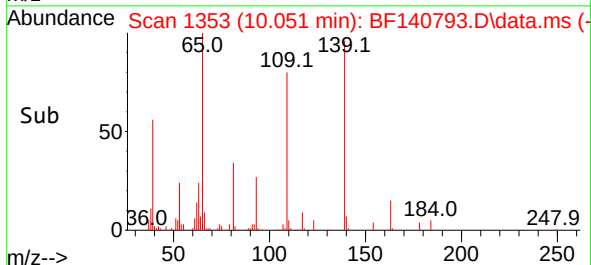
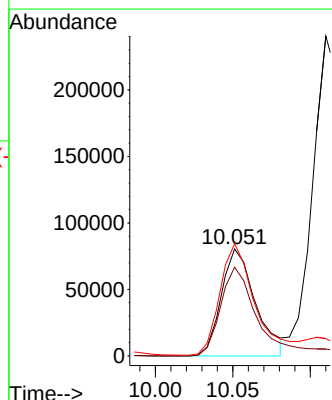
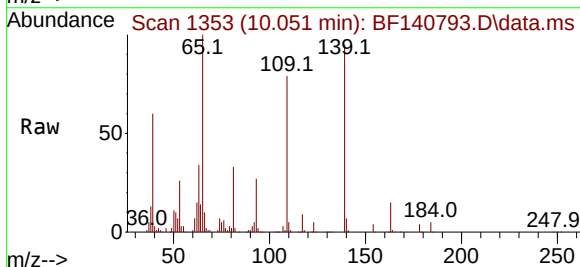
Tgt Ion:139 Resp: 123343

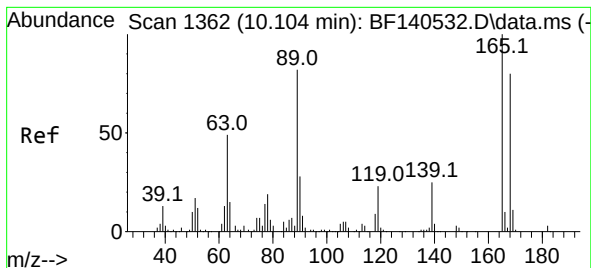
Ion Ratio Lower Upper

139 100

109 82.9 68.4 108.4

65 104.9 88.6 128.6

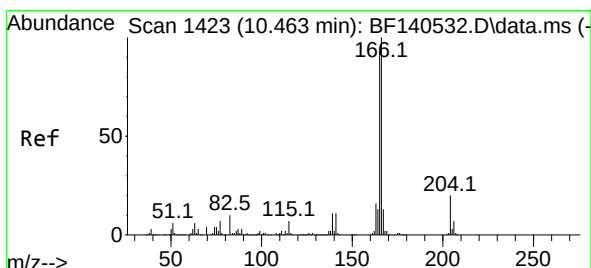
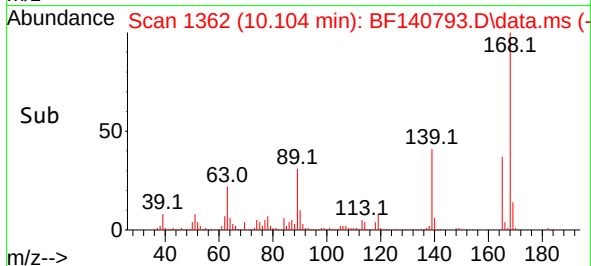
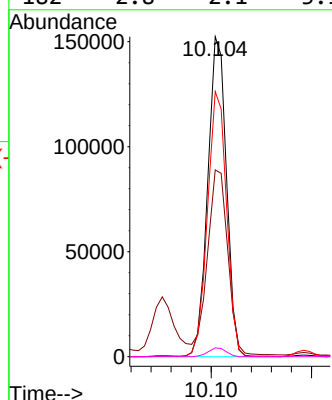
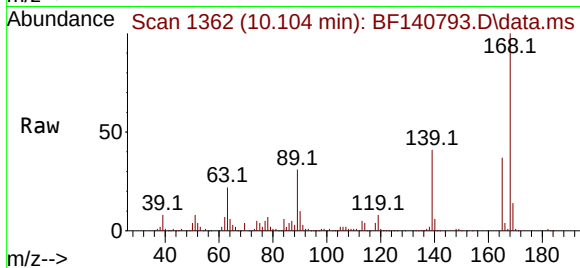




#57
2,4-Dinitrotoluene
Concen: 43.570 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

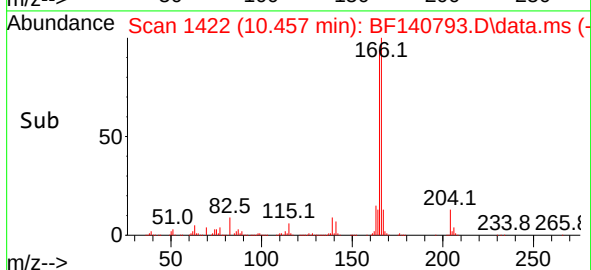
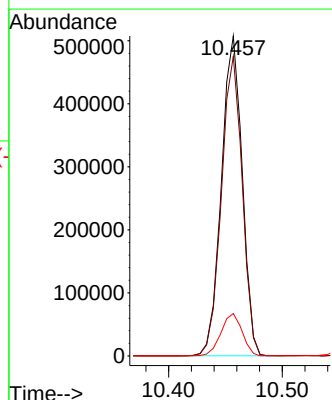
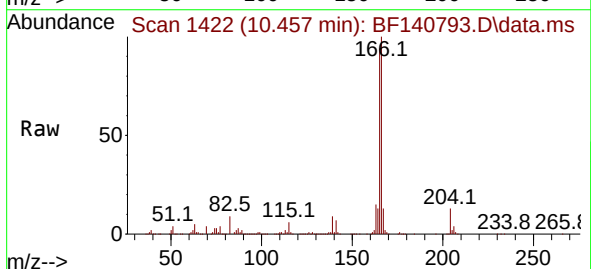
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

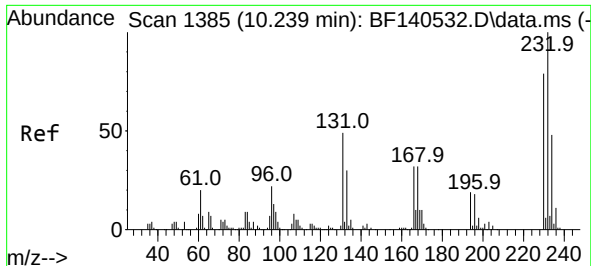
Tgt Ion:	165	Resp:	197930
Ion	Ratio	Lower	Upper
165	100		
63	58.3	41.7	62.5
89	82.8	65.8	98.8
182	2.8	2.1	3.1



#58
Fluorene
Concen: 42.340 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:	166	Resp:	644283
Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.6	111.8
167	13.3	10.6	16.0



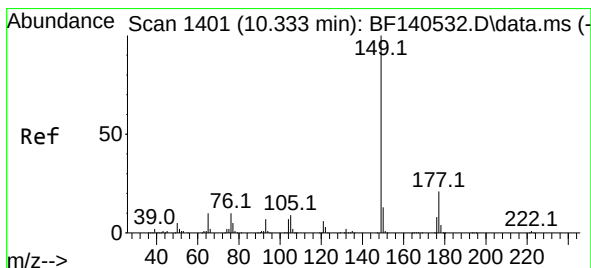
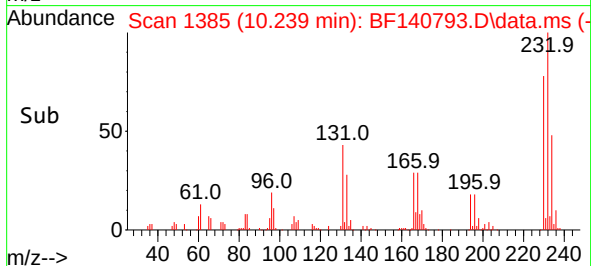
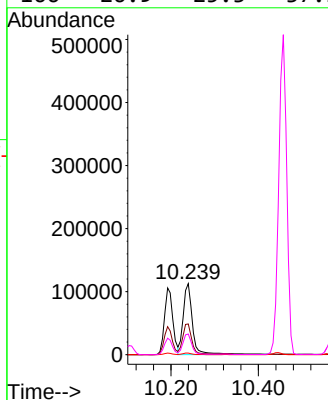
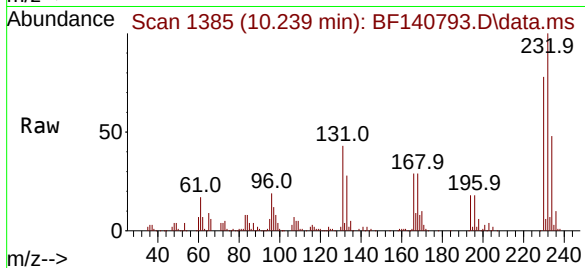


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.479 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 162969

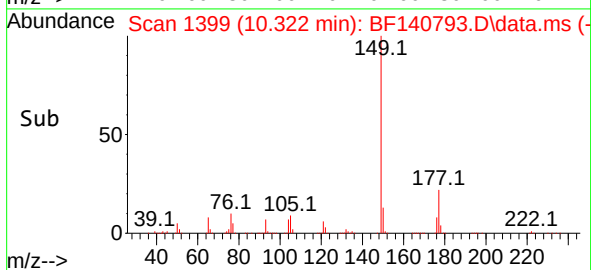
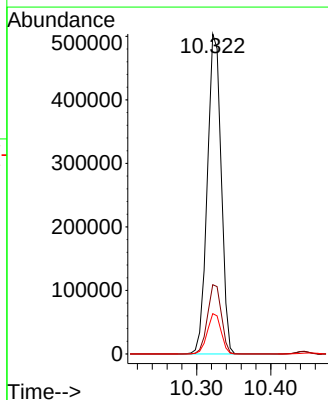
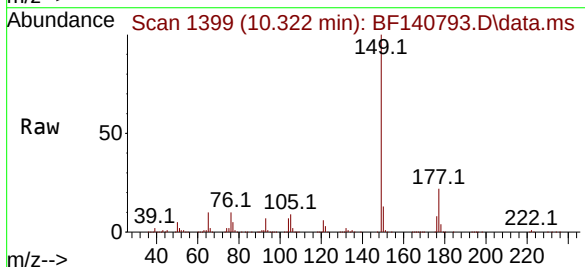
Ion	Ratio	Lower	Upper
232	100		
131	42.7	39.6	59.4
130	2.3	1.9	2.9
166	26.9	25.3	37.9

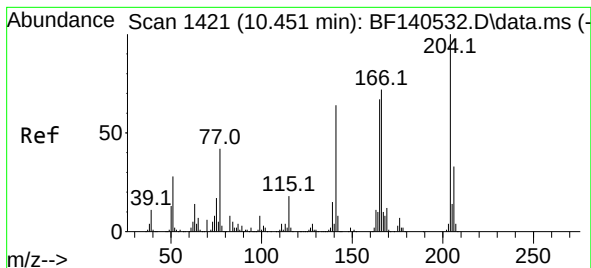


#60
Diethylphthalate
Concen: 42.578 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:149 Resp: 651981

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.6	10.1	15.1

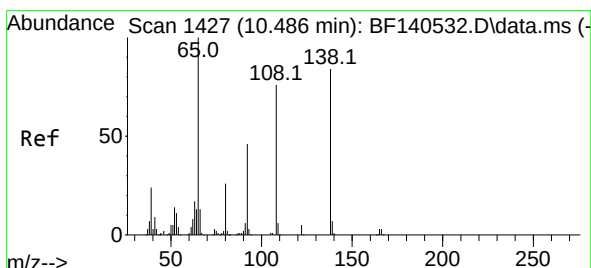
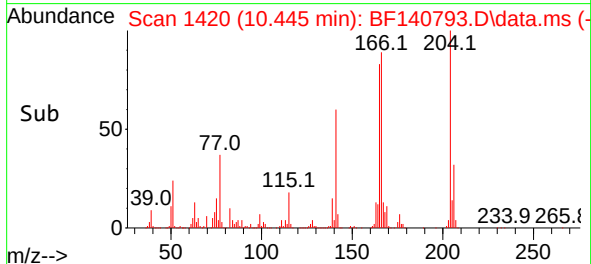
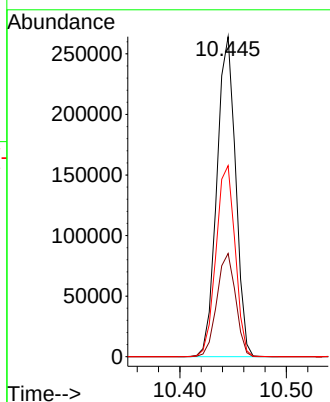
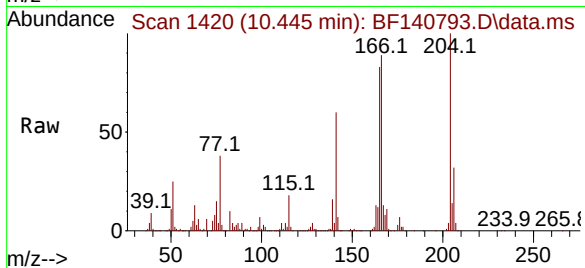




#61
4-Chlorophenyl-phenylether
Concen: 43.176 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

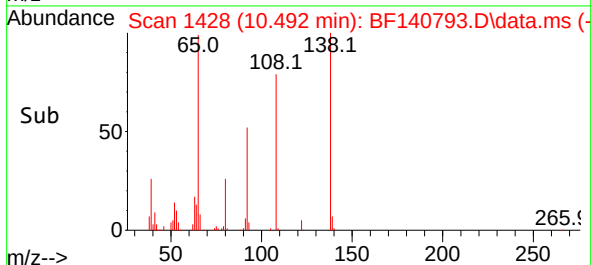
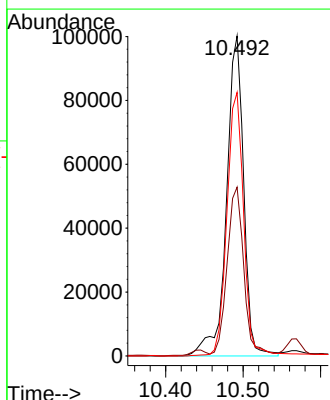
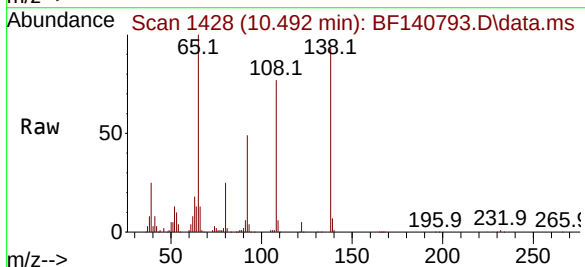
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

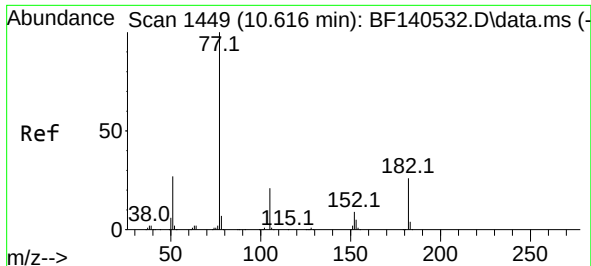
Tgt Ion:204 Resp: 322425
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 59.7 51.1 76.7



#62
4-Nitroaniline
Concen: 43.997 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:138 Resp: 154265
Ion Ratio Lower Upper
138 100
92 52.7 34.5 74.5
108 82.4 70.6 110.6

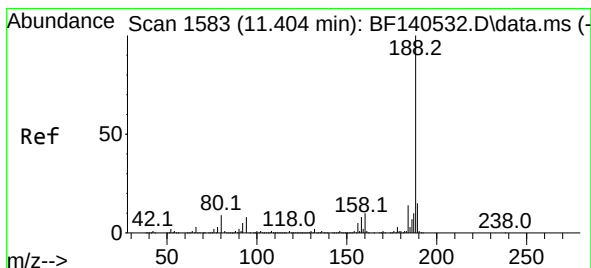
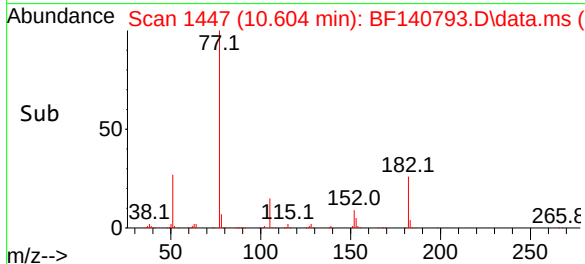
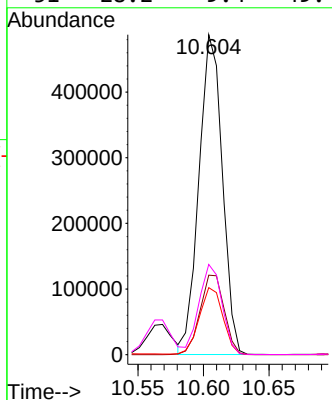
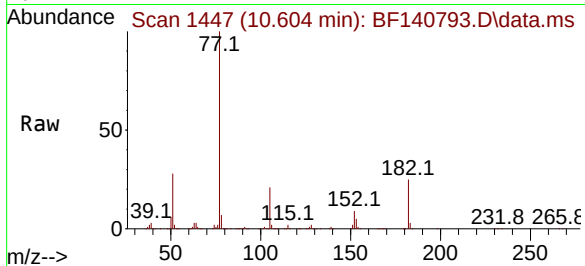




#63
 Azobenzene
 Concen: 41.754 ng
 RT: 10.604 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

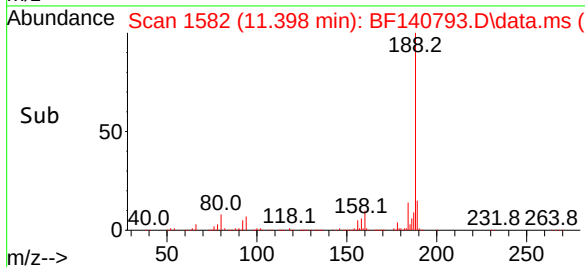
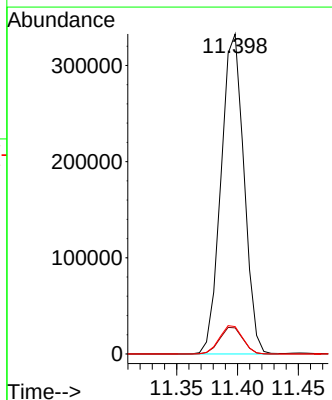
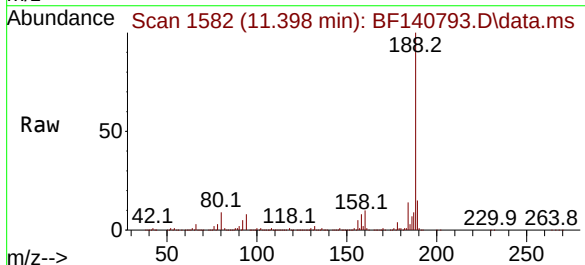
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

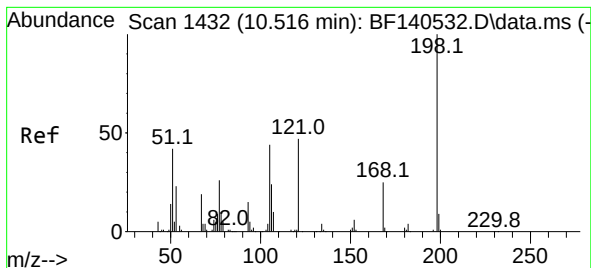
Tgt Ion: 77	Resp: 605475
Ion Ratio	Lower Upper
77 100	
182 24.8	5.3 45.3
105 20.9	0.3 40.3
51 28.2	9.4 49.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

Tgt Ion:188	Resp: 436884
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 8.6	6.9 10.3

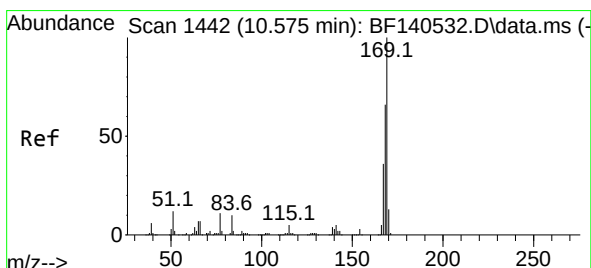
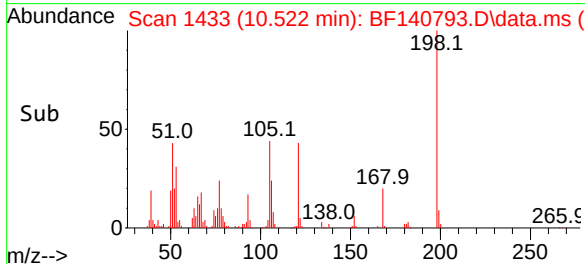
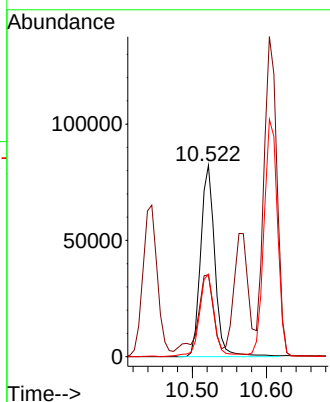
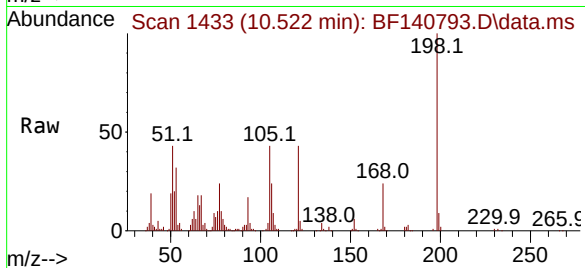




#65
4,6-Dinitro-2-methylphenol
Concen: 49.160 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

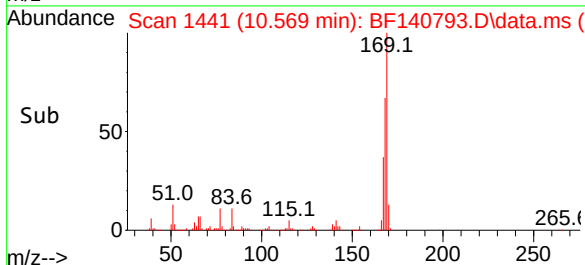
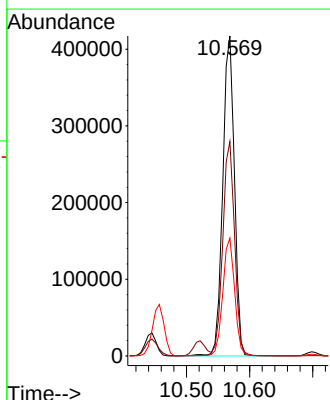
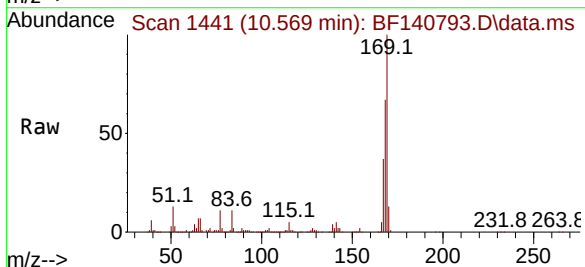
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

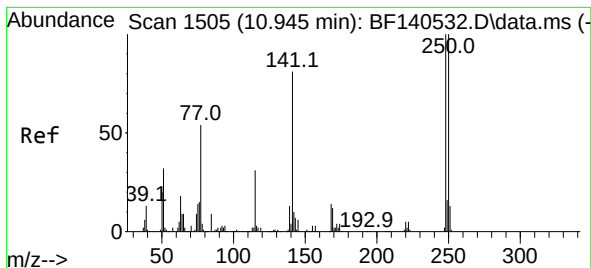
Tgt Ion:198 Resp: 109749
Ion Ratio Lower Upper
198 100
51 42.8 29.4 69.4
105 43.1 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 41.343 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:169 Resp: 534148
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.9 29.0 43.6

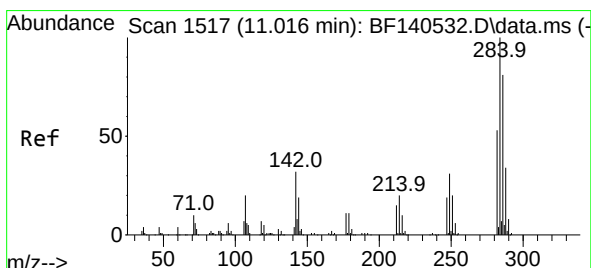
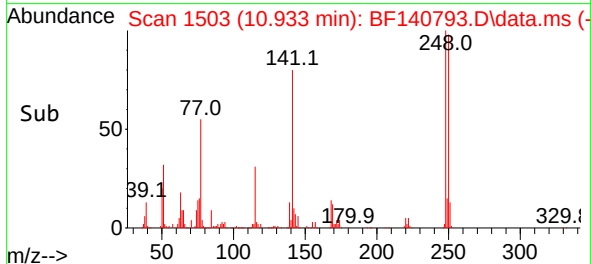
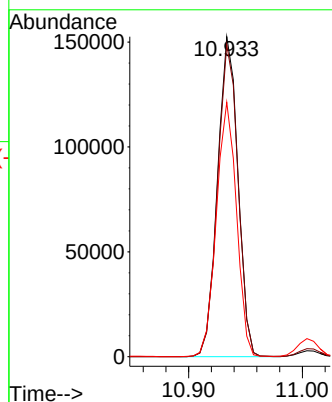
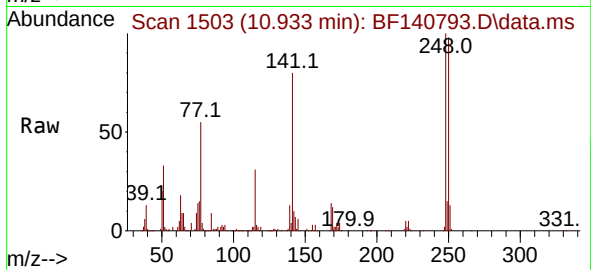




#67
4-Bromophenyl-phenylether
Concen: 42.498 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

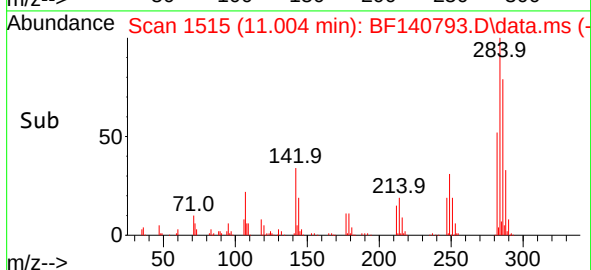
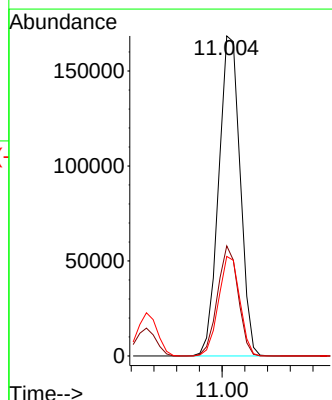
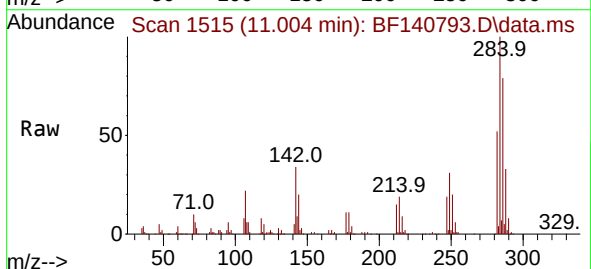
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

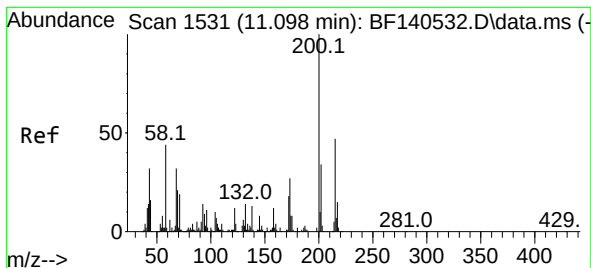
Tgt Ion:248 Resp: 191210
Ion Ratio Lower Upper
248 100
250 97.6 79.8 119.8
141 79.5 64.7 97.1



#68
Hexachlorobenzene
Concen: 42.445 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:284 Resp: 221124
Ion Ratio Lower Upper
284 100
142 34.4 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 34.295 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

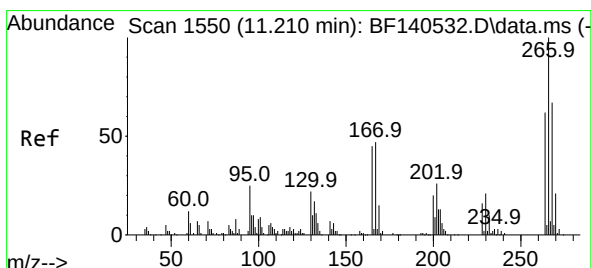
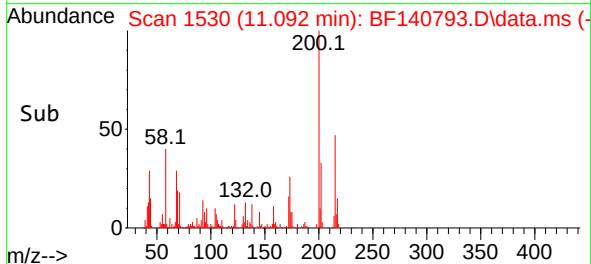
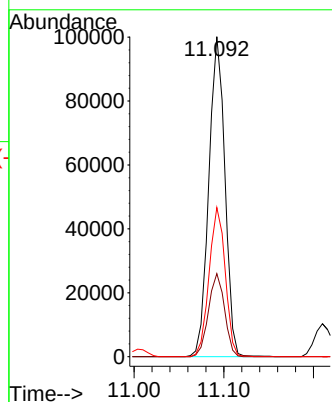
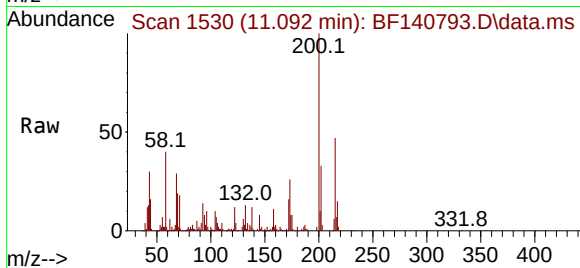
Tgt Ion:200 Resp: 124649

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

215 46.6 26.7 66.7



#70

Pentachlorophenol

Concen: 37.985 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

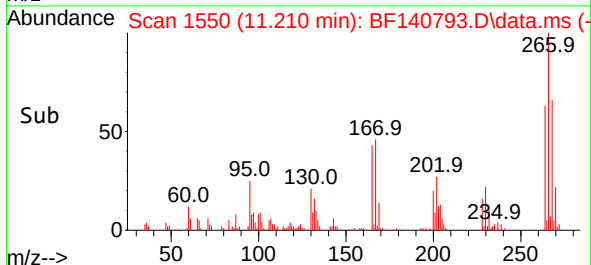
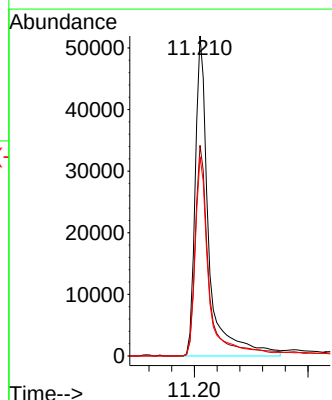
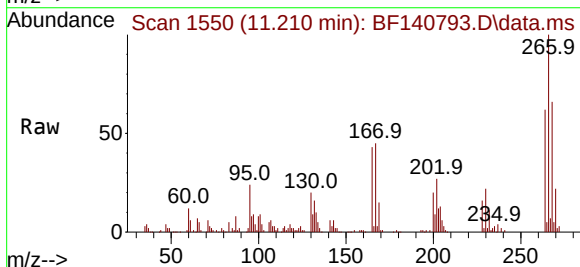
Tgt Ion:266 Resp: 87095

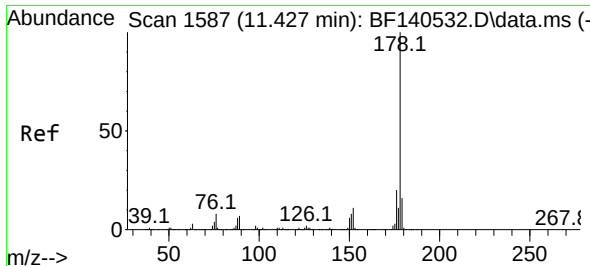
Ion Ratio Lower Upper

266 100

268 65.8 53.7 80.5

264 62.3 49.8 74.8

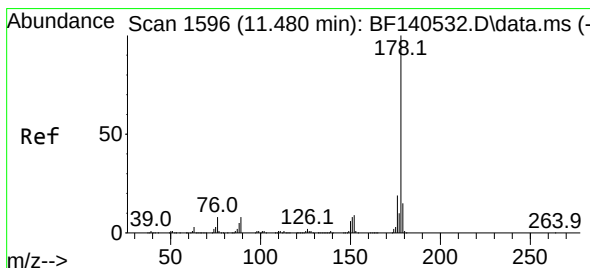
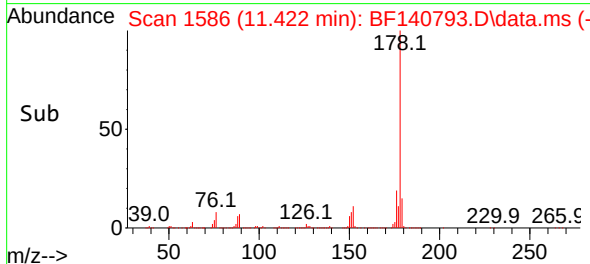
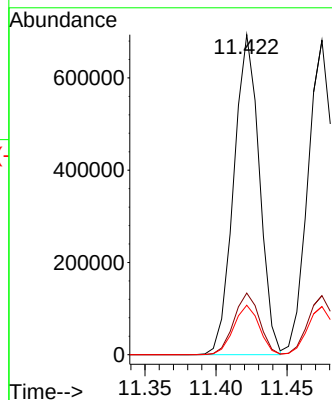
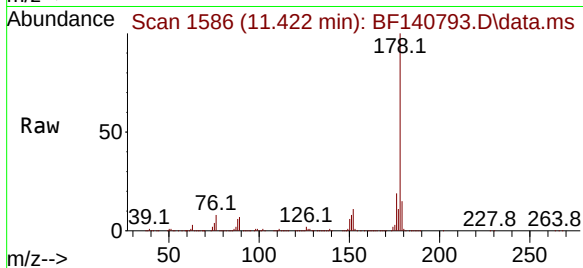




#71
Phenanthrene
Concen: 41.475 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

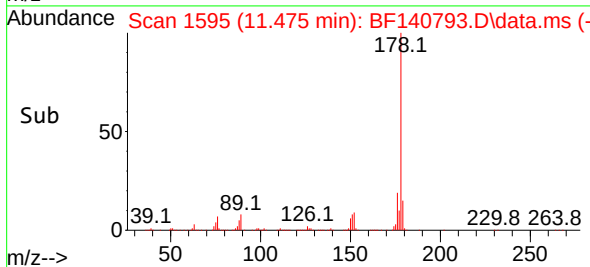
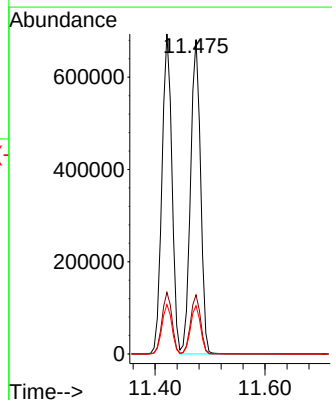
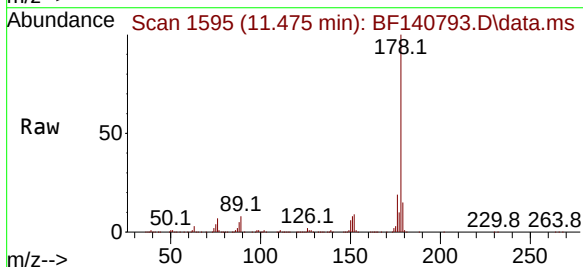
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

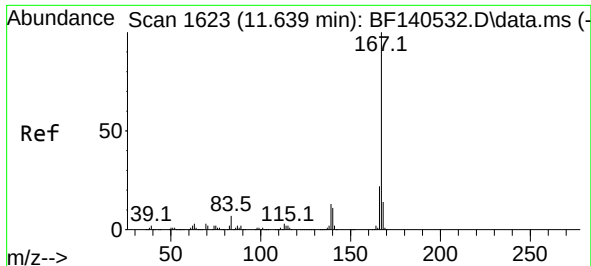
Tgt Ion:178 Resp: 871003
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 41.788 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:178 Resp: 858438
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4

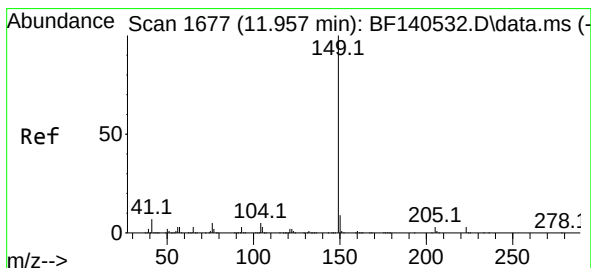
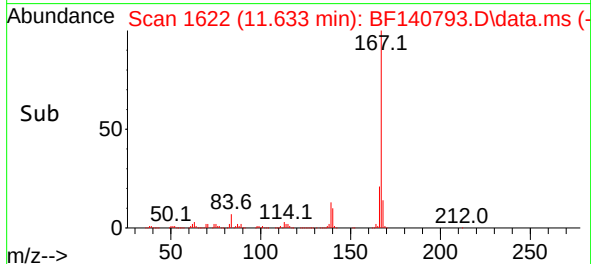
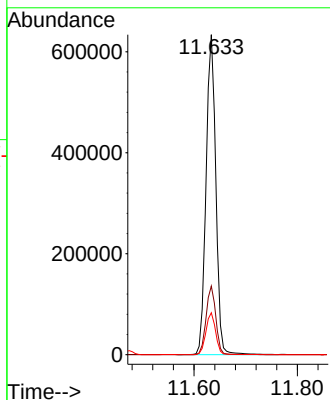
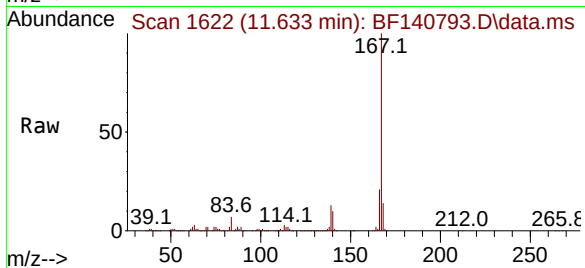




#73
 Carbazole
 Concen: 41.957 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

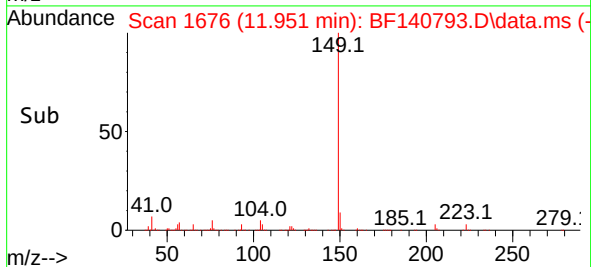
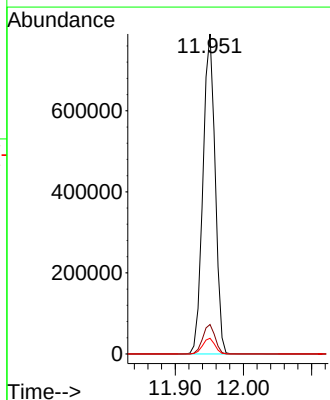
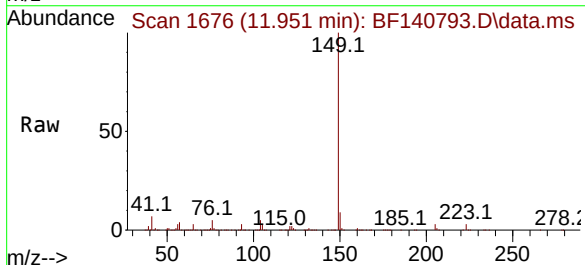
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

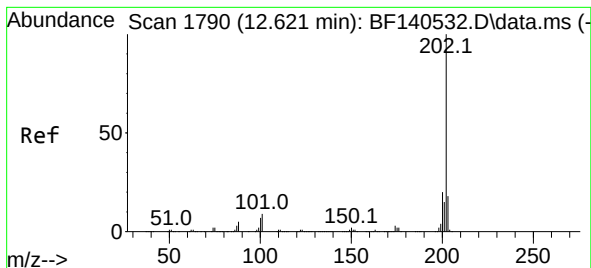
Tgt Ion:167 Resp: 829167
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 42.988 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

Tgt Ion:149 Resp: 980776
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 42.260 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

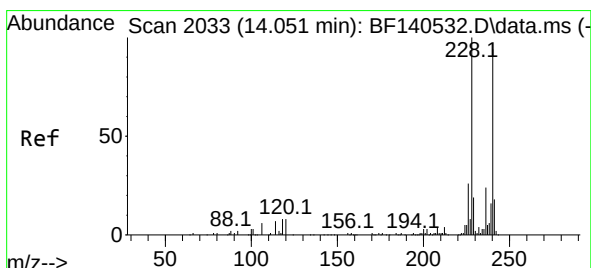
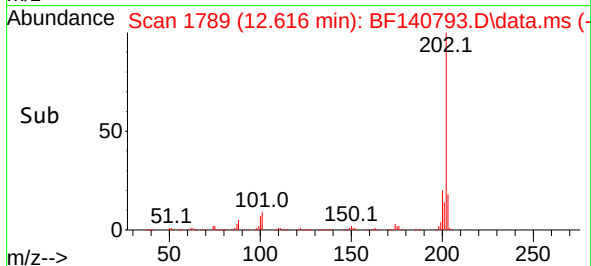
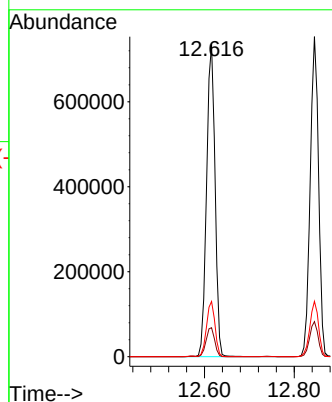
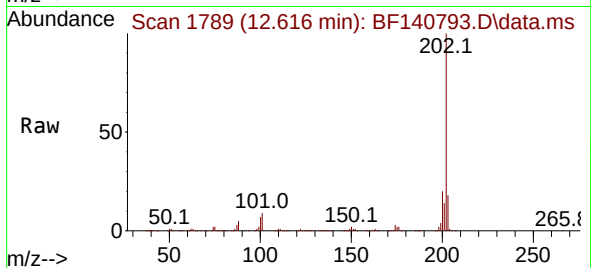
Tgt Ion:202 Resp: 963587

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

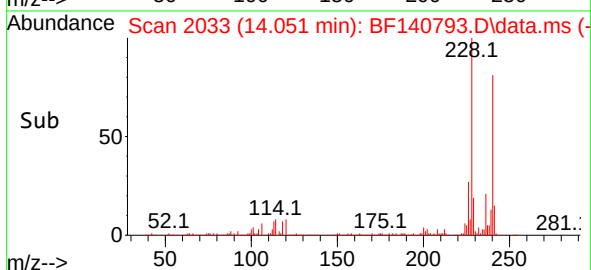
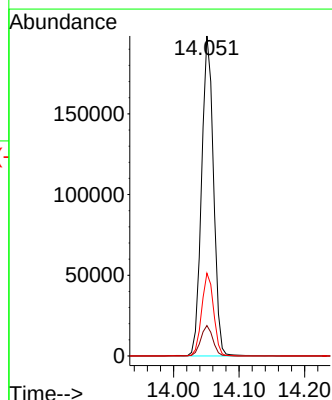
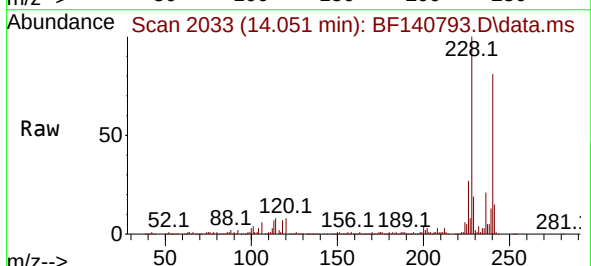
Tgt Ion:240 Resp: 251461

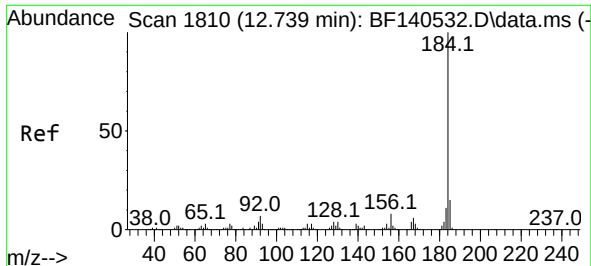
Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 25.9 20.6 31.0

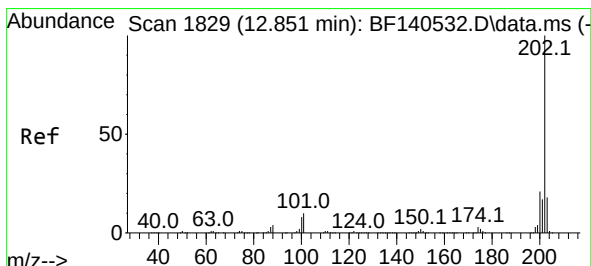
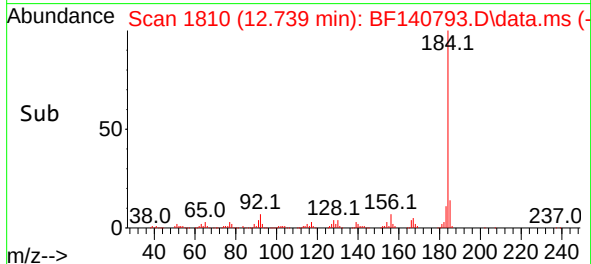
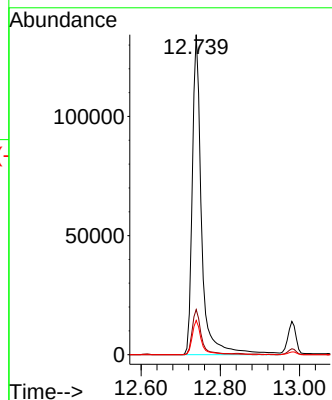
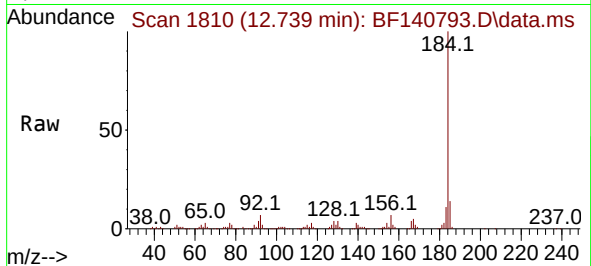




#77
Benzidine
Concen: 30.153 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

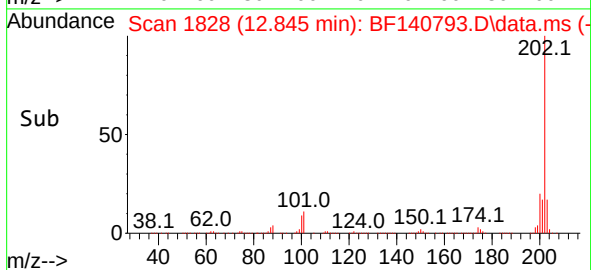
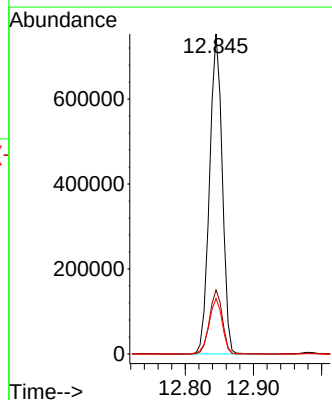
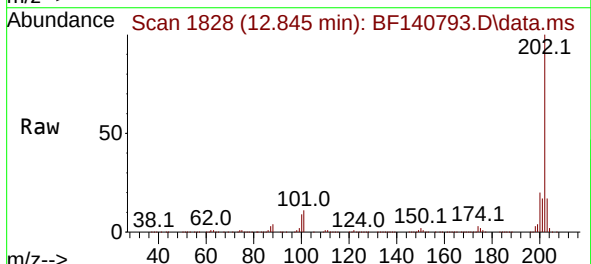
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

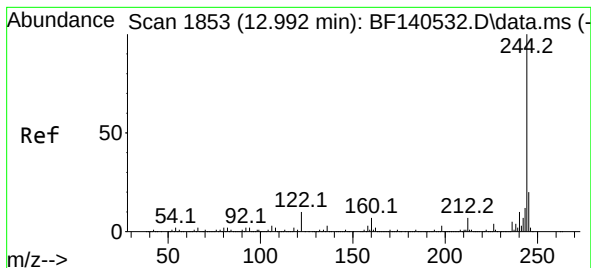
Tgt Ion:184 Resp: 220453
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.7 8.8 13.2



#78
Pyrene
Concen: 41.926 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:202 Resp: 974808
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 83.016 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

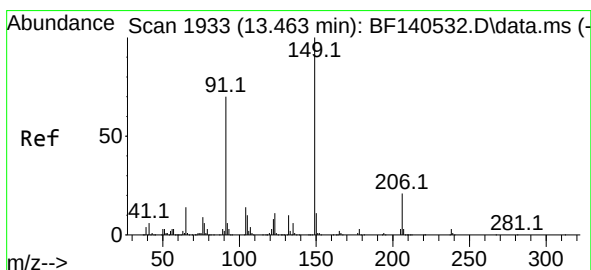
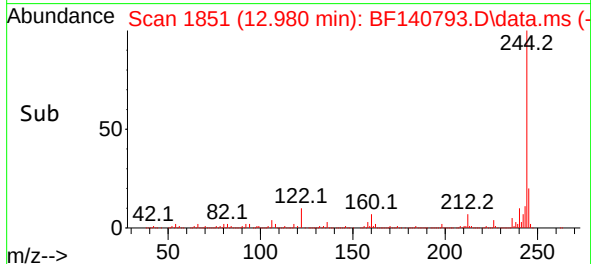
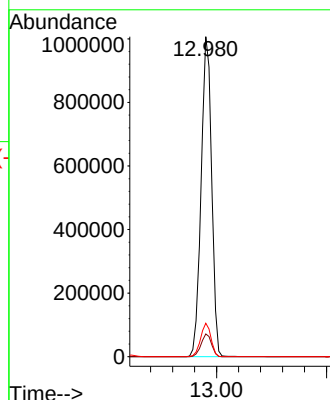
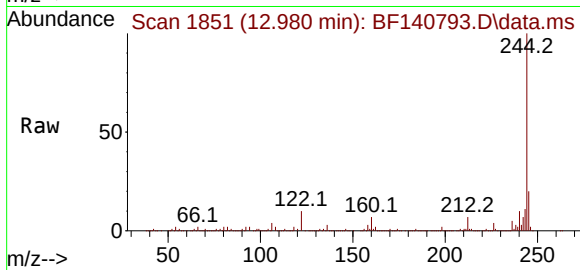
Tgt Ion:244 Resp: 1340625

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.5 8.0 12.0



#80

Butylbenzylphthalate

Concen: 40.788 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

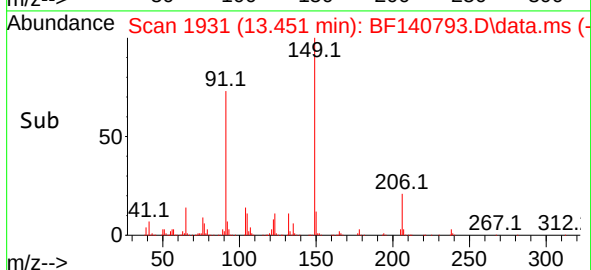
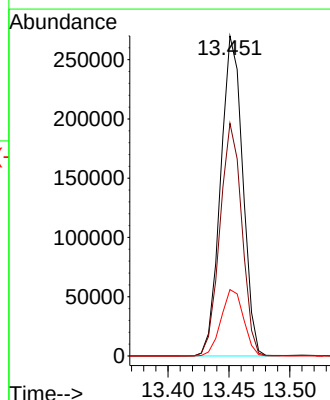
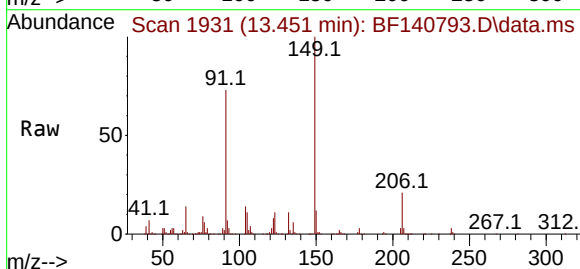
Tgt Ion:149 Resp: 341631

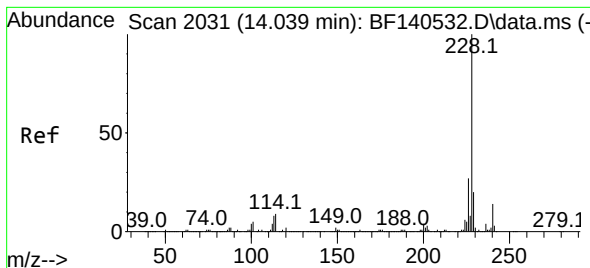
Ion Ratio Lower Upper

149 100

91 72.7 56.2 84.2

206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 43.394 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

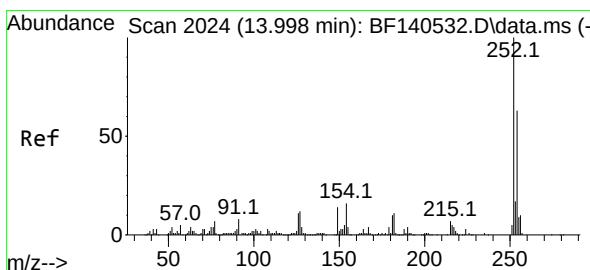
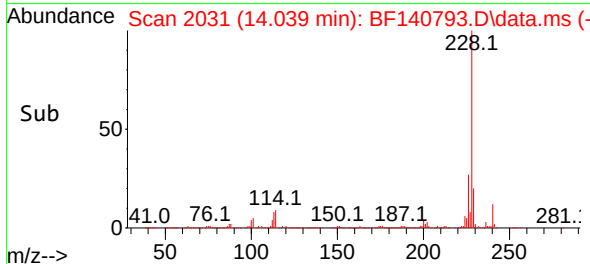
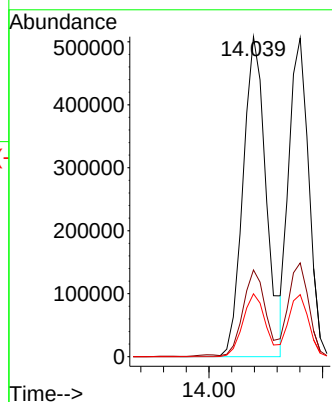
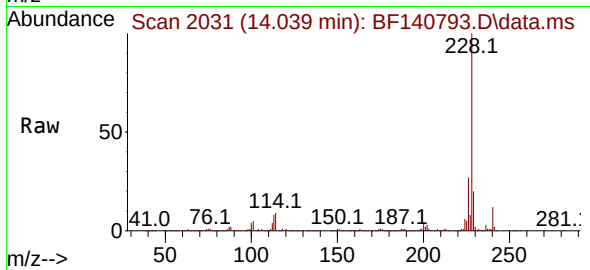
Tgt Ion:228 Resp: 722318

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.822 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

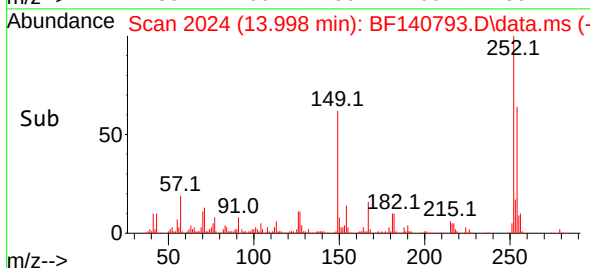
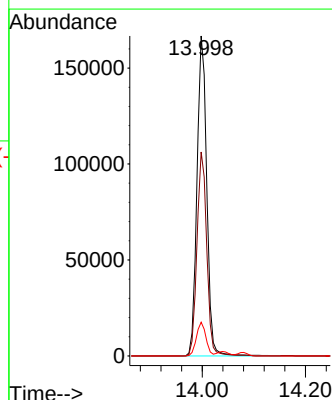
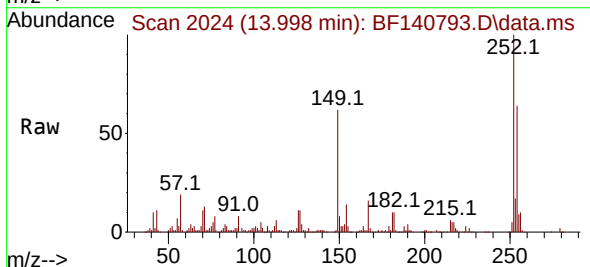
Tgt Ion:252 Resp: 219006

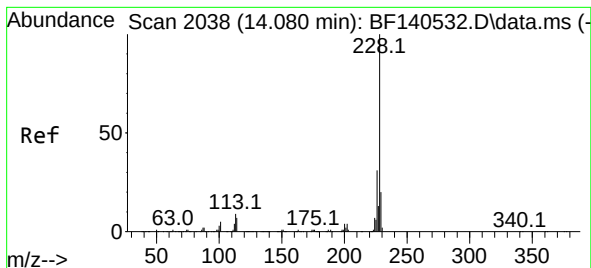
Ion Ratio Lower Upper

252 100

254 63.8 50.8 76.2

126 10.6 8.6 13.0





#83

Chrysene

Concen: 40.226 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

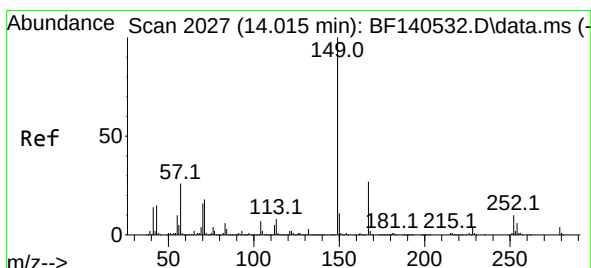
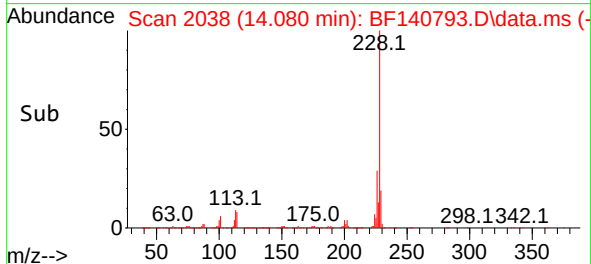
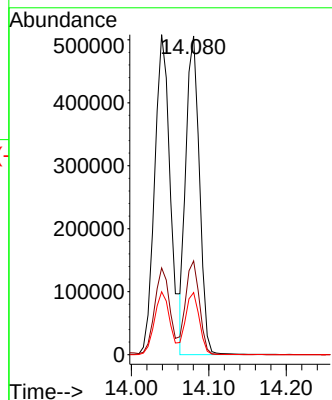
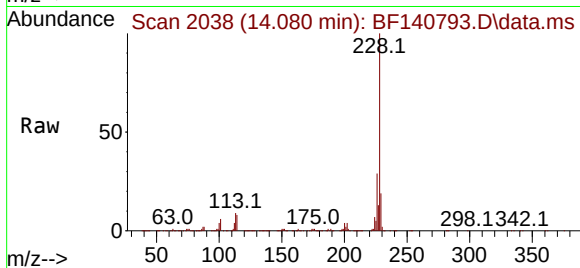
Tgt Ion:228 Resp: 612266

Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.273 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

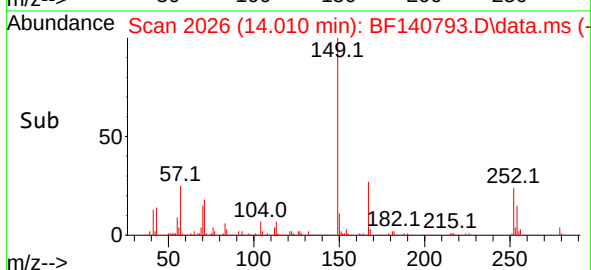
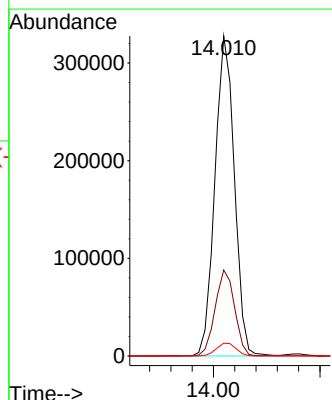
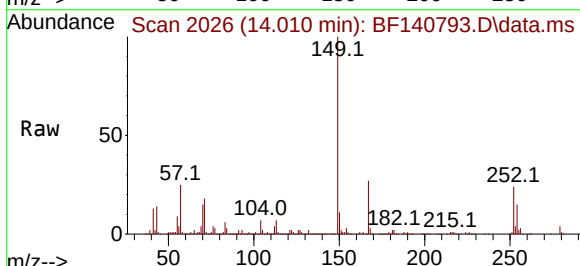
Tgt Ion:149 Resp: 415362

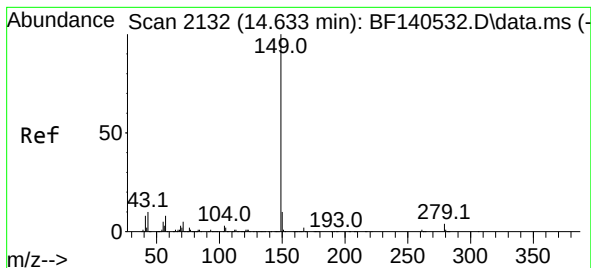
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.349 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

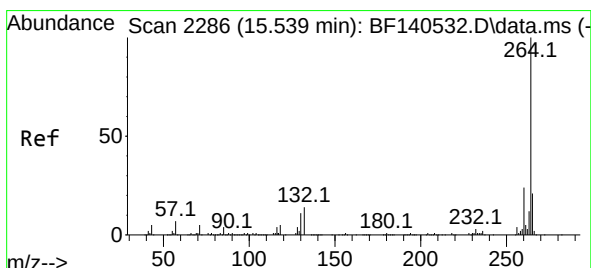
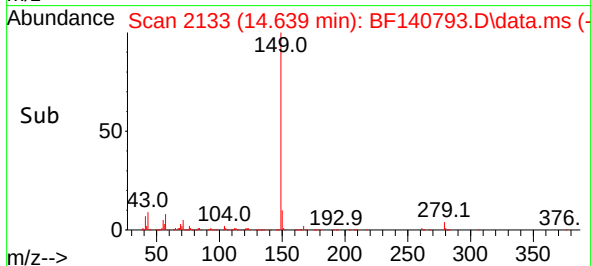
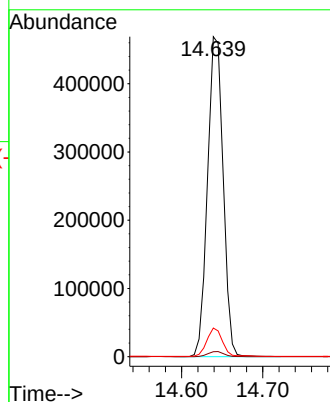
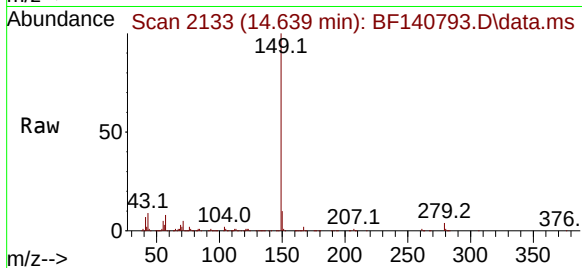
Tgt Ion:149 Resp: 626554

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140793.D

Acq: 09 Dec 2024 16:54

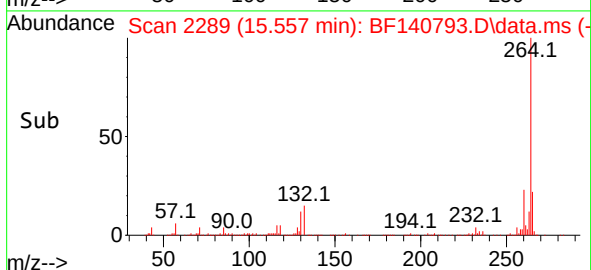
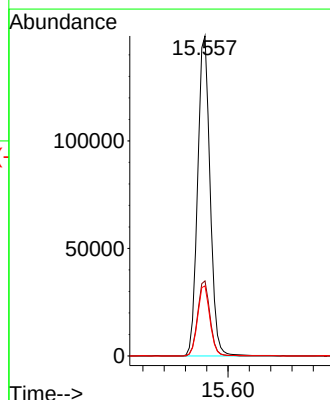
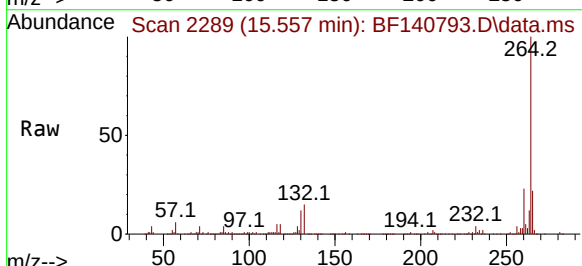
Tgt Ion:264 Resp: 241288

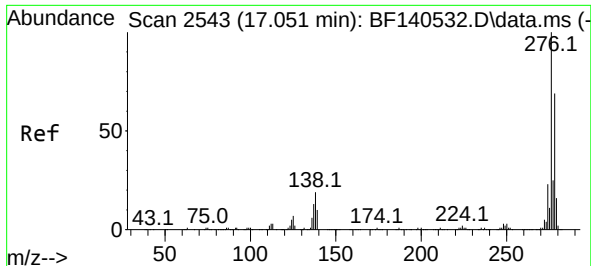
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.9 16.6 25.0

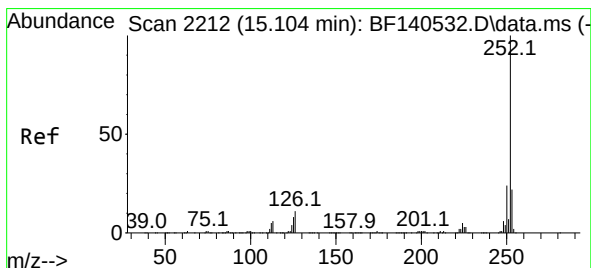
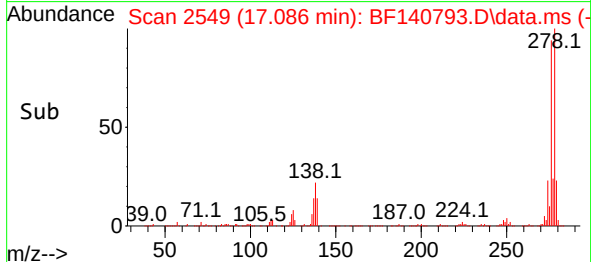
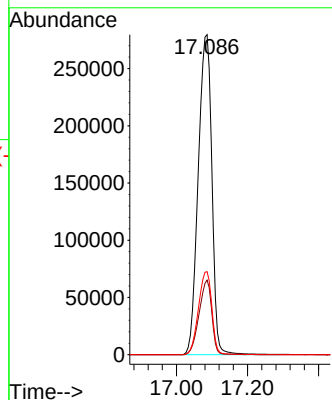
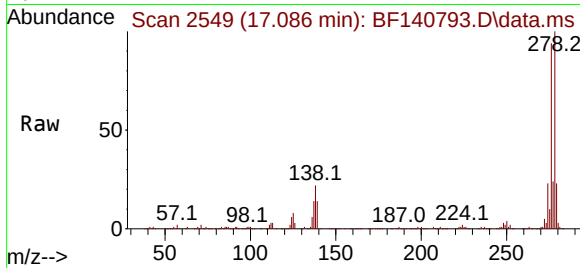




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.579 ng
 RT: 17.086 min Scan# 2114
 Delta R.T. 0.035 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

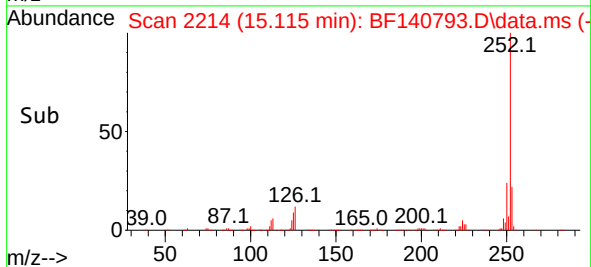
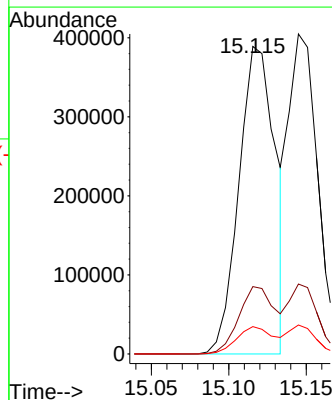
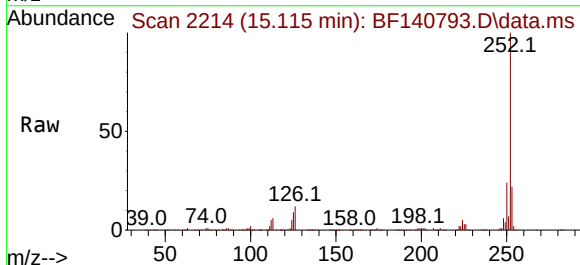
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

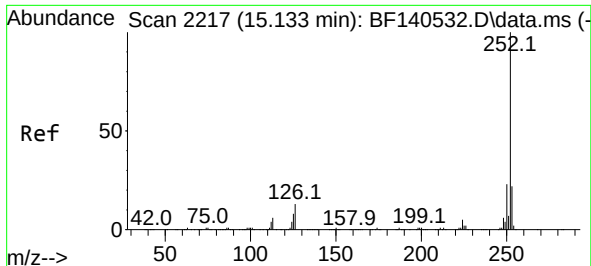
Tgt Ion:276 Resp: 748155
 Ion Ratio Lower Upper
 276 100
 138 21.6 15.5 23.3
 277 25.4 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 42.056 ng
 RT: 15.115 min Scan# 2214
 Delta R.T. 0.012 min
 Lab File: BF140793.D
 Acq: 09 Dec 2024 16:54

Tgt Ion:252 Resp: 637387
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 8.9 6.7 10.1

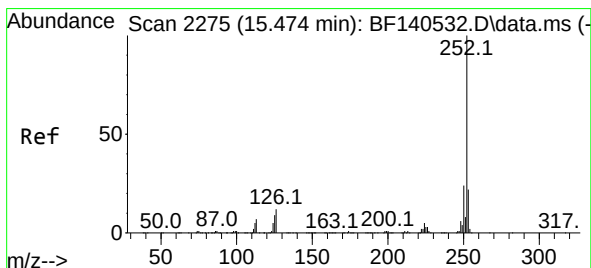
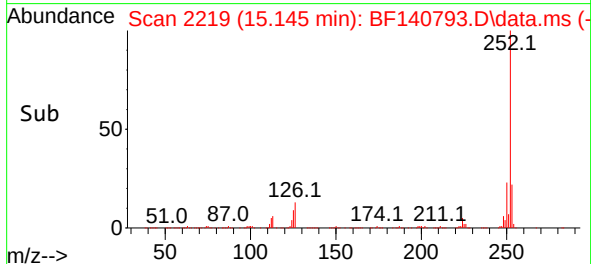
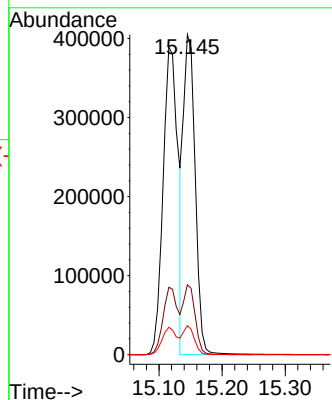
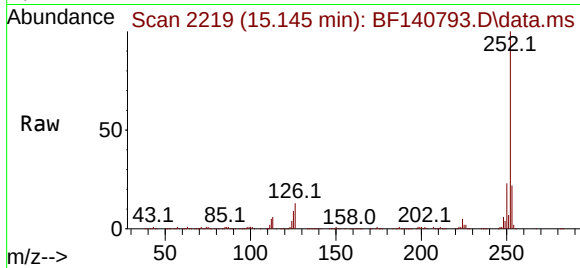




#89
Benzo(k)fluoranthene
Concen: 39.952 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

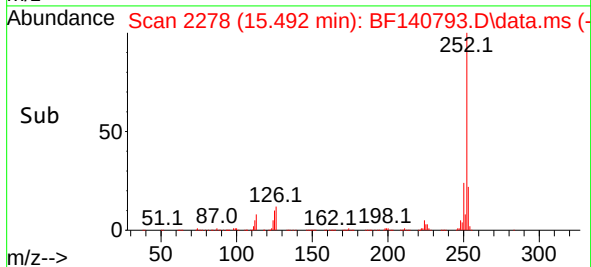
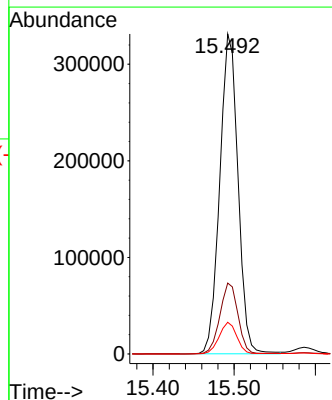
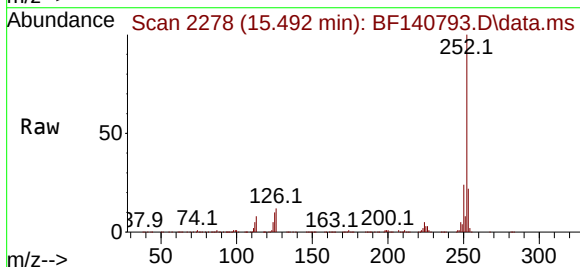
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

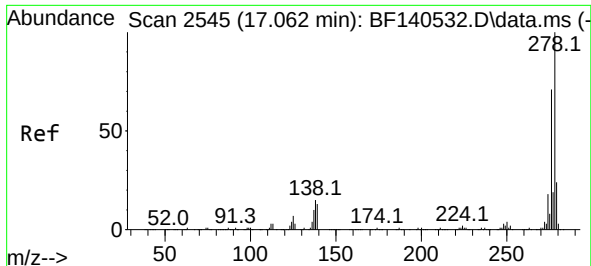
Tgt Ion:252 Resp: 529858
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.0 6.5 9.7



#90
Benzo(a)pyrene
Concen: 41.950 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.018 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:252 Resp: 516945
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.9 7.0 10.6

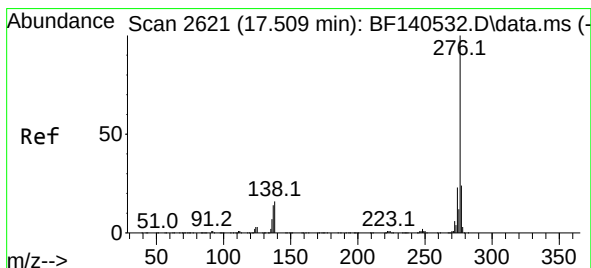
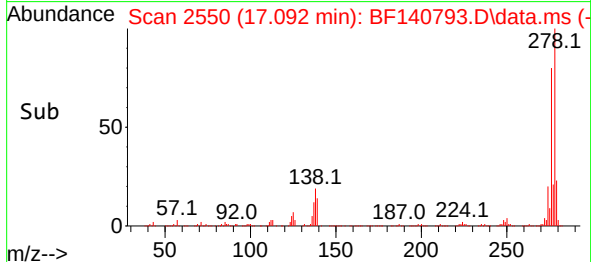
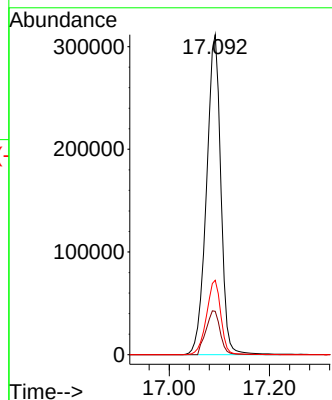
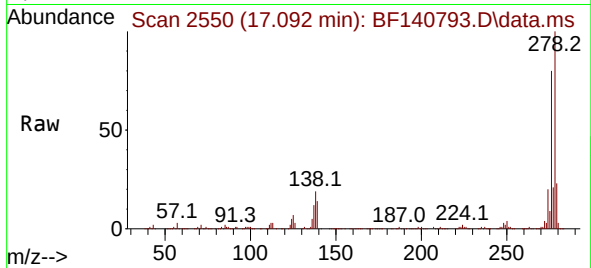




#91
Dibenzo(a,h)anthracene
Concen: 48.060 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 618905
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.4
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 48.809 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.029 min
Lab File: BF140793.D
Acq: 09 Dec 2024 16:54

Tgt Ion:276 Resp: 641395
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 19.1 13.2 19.8

