

DATA PACKAGE
SEMI-VOLATILE ORGANICS

PROJECT NAME : CTO WE13

TETRA TECH NUS, INC.
661 Andersen Drive
Suite 200
Pittsburgh, PA - 15220-2745
Phone No: 412-921-7090

ORDER ID : P4868
ATTENTION : Ernie Wu



Laboratory Certification ID # 20012



1) SEMI-VOLATILE DATA	2
2) Signature Page	4
3) Case Narrative	5
4) Qualifier Page	7
5) Conformance/Non Conformance	8
6) QA Checklist	10
7) Chronicle	11
8) Hit Summary	12
9) QC Data Summary For SVOC-TCL BNA -20	13
9.1) Deuterated Monitoring Compound Summary	14
9.2) LCS/LCSD Summary	15
9.3) Method Blank Summary	19
9.4) GS/MS Tune Summary	20
9.5) Internal Standard Area and RT Summary	22
10) Sample Data	24
10.1) RW5-SP100-20241114	25
10.2) RW5-SP303-20241114	45
10.3) RW5-SP303-20241114RE	64
11) Calibration Data Summary	75
11.1) Initial Calibration Data	3
11.1.1) BF111324	76
11.2) Continued Calibration Data	485
11.2.1) BF140488.D	485
11.2.2) BF140499.D	542
12) QC Sample Data	599
12.1) Tune Raw Data	600
12.2) Method Blank Data	608
12.3) LCS Data	624
12.4) LCSD Data	676
13) Manual Integration	728
14) Analytical Runlogs	730
15) Extraction Logs	738
15.1) PB165039.pdf	738
15.2) PB165039IC.pdf	740
16) Shipping Document	741

Table Of Contents for P4868

16.1) Chain Of Custody	742
16.2) Lab Certificate	743
17) Not Reviewed Data	744

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

Cover Page

Order ID : P4868

Project ID : CTO WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number

P4868-01
P4868-02
P4868-03

Client Sample Number

RW5-SP100-20241114
RW5-SP201-20241114
RW5-SP303-20241114

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 : N. N. Pandya

APPROVED

Date: 11/25/2024
By Nimisha Pandya, QA/QC Supervisor at 10:36 am, Nov 27, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Tetra Tech NUS, Inc.

Project Name: CTO WE13

Project Manager : Ernie Wu

Chemtech Project # P4868

Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:

3 Water samples were received on 11/14/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, SVOC-SIMGroup1 and SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

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 SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for RW5-SP303-20241114RE [2-Fluorobiphenyl - 120%], as per method one acid and one base surrogate allow to fail therefore no corrective action taken.

The Internal Standards Areas met the acceptable requirements except for RW5-SP303-20241114, RW5-SP303-20241114RE, sample was reanalyzed to confirm the failure and reported.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike for {PB165039BS} with File ID: BF140490.D met requirements for all samples except for Hexachlorocyclopentadiene[160%] is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate for {PB165039BSD} with File ID: BF140491.D met requirements for all samples except for Hexachlorocyclopentadiene[160%] is failing high but no positive hit in associate sample therefore no corrective action taken.

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

The Initial Calibration met the requirements .

The Continuous Calibration File ID BF140488.D met the requirements except for Benzaldehyde is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 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 <20% 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 > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

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

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

Signature N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:37 am, Nov 27, 2024

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

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

CHEMTECH PROJECT NUMBER: P4868

MATRIX: Water

METHOD: 8270E/3510

		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 File ID BF140488.D met the requirements except for Benzaldehyde is failing high but no positive hit in associate sample therefore no corrective action taken.			✓
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. The Surrogate recoveries met the acceptable criteria except for RW5-SP303- 20241114RE [2-Fluorobiphenyl - 120%], as per method one acid and one base surrogate allow to fail therefore no corrective action taken.			✓
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 for {PB165039BS} with File ID: BF140490.D met requirements for all samples except for Hexachlorocyclopentadiene[160%] is failing high but no positive hit in associate sample therefore no corrective action taken. The Blank Spike Duplicate for {PB165039BSD} with File ID: BF140491.D met requirements for all samples except for Hexachlorocyclopentadiene[160%] is failing high but no positive hit in associate sample therefore no corrective action taken.			✓

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**(CONTINUED)**

		NA	NO	YES
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas met the acceptable requirements except for RW5-SP303-20241114, RW5-SP303-20241114RE, sample was reanalyzed to confirm the failure and reported.			
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 laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 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 <20% 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 > 20% for the Initial Calibration curve for SW-846 analysis.

S. M. Jodhani
QA REVIEW

REVIEWED*By Sohil Jodhani, QA/QC Director at 9:32 am, Nov 27, 2024*

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4868

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: 11/25/2024

LAB CHRONICLE

OrderID:	P4868	OrderDate:	11/14/2024 3:41:00 PM
Client:	Tetra Tech NUS, Inc.	Project:	CTO WE13
Contact:	Ernie Wu	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4868-01	RW5-SP100-20241114	Water			11/14/24			11/14/24
			SVOC-SIMGroup1	8270-Modified		11/15/24	11/21/24	
			SVOC-TCL BNA -20	8270E		11/16/24	11/20/24	
P4868-03	RW5-SP303-20241114	Water			11/14/24			11/14/24
			SVOC-SIMGroup1	8270-Modified		11/15/24	11/21/24	
			SVOC-TCL BNA -20	8270E		11/16/24	11/20/24	
P4868-03RE	RW5-SP303-20241114RE	Water			11/14/24			11/14/24
			SVOC-TCL BNA -20	8270E		11/16/24	11/20/24	

Hit Summary Sheet SW-846

SDG No.: P4868
Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : RW5-SP100-20241114								
P4868-01	RW5-SP100-20241114	WATER 1,4-Dioxane	9.800		1.3	4.1	5.1	ug/L
		Total Svoc :	9.80					
P4868-01	RW5-SP100-20241114	WATER 2-Pentanone, 4-hydroxy-4-methyl *	6.100	AB	0		0	ug/L
P4868-01	RW5-SP100-20241114	WATER 3-Penten-2-one, 4-methyl- *	8.000	A	0		0	ug/L
P4868-01	RW5-SP100-20241114	WATER Butane, 2-methoxy-2-methyl- *	110.000	J	0		0	ug/L
P4868-01	RW5-SP100-20241114	WATER Trichloroethylene *	180.000	J	0		0	ug/L
		Total Tics :	304.10					
		Total Concentration:	313.90					
Client ID : RW5-SP303-20241114								
P4868-03	RW5-SP303-20241114	WATER 2-Pentanone, 4-hydroxy-4-methyl *	3.300	AB	0		0	ug/L
P4868-03	RW5-SP303-20241114	WATER 3-Penten-2-one, 4-methyl- *	30.100	A	0		0	ug/L
P4868-03	RW5-SP303-20241114	WATER Butane, 2-methoxy-2-methyl- *	87.000	J	0		0	ug/L
P4868-03	RW5-SP303-20241114	WATER Cyclotrisiloxane, hexamethyl- *	2.000	J	0		0	ug/L
		Total Tics :	122.40					
		Total Concentration:	122.40					



QC SUMMARY

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- 2
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Surrogate Summary

SW-846

SDG No.: P4868

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P4868-01	RW5-SP100-20241114	2-Fluorophenol	150	68.8	46		19	119
		Phenol-d6	150	41.6	28		10	130
		Nitrobenzene-d5	100	104	104		44	120
		2-Fluorobiphenyl	100	102	102		44	119
		2,4,6-Tribromophenol	150	160	107		43	140
		Terphenyl-d14	100	103	103		50	134
P4868-03	RW5-SP303-20241114	2-Fluorophenol	150	65.9	44		19	119
		Phenol-d6	150	38.4	26		10	130
		Nitrobenzene-d5	100	104	104		44	120
		2-Fluorobiphenyl	100	110	110		44	119
		2,4,6-Tribromophenol	150	167	111		43	140
		Terphenyl-d14	100	108	108		50	134
P4868-03RE	RW5-SP303-20241114RE	2-Fluorophenol	150	65.8	44		19	119
		Phenol-d6	150	36.9	25		10	130
		Nitrobenzene-d5	100	106	106		44	120
		2-Fluorobiphenyl	100	120	120	*	44	119
		2,4,6-Tribromophenol	150	177	118		43	140
		Terphenyl-d14	100	120	120		50	134
PB165039BL	PB165039BL	2-Fluorophenol	150	125	83		19	119
		Phenol-d6	150	120	80		10	130
		Nitrobenzene-d5	100	86.8	87		44	120
		2-Fluorobiphenyl	100	90.2	90		44	119
		2,4,6-Tribromophenol	150	128	85		43	140
		Terphenyl-d14	100	87.1	87		50	134
PB165039BS	PB165039BS	2-Fluorophenol	150	121	81		19	119
		Phenol-d6	150	117	78		10	130
		Nitrobenzene-d5	100	83.1	83		44	120
		2-Fluorobiphenyl	100	84.5	84		44	119
		2,4,6-Tribromophenol	150	130	86		43	140
		Terphenyl-d14	100	94.8	95		50	134
PB165039BSD	PB165039BSD	2-Fluorophenol	150	121	81		19	119
		Phenol-d6	150	117	78		10	130
		Nitrobenzene-d5	100	82.7	83		44	120
		2-Fluorobiphenyl	100	85.6	86		44	119
		2,4,6-Tribromophenol	150	131	87		43	140
		Terphenyl-d14	100	93.3	93		50	134

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **P4868**

Client: **Tetra Tech NUS, Inc.**

Analytical Method: **8270E**

DataFile: **BF140490.D**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165039BS	Benzaldehyde	50	38.4	ug/L	77				10	161	
	Phenol	50	43.2	ug/L	86				10	132	
	bis(2-Chloroethyl)ether	50	43.6	ug/L	87				43	118	
	2-Chlorophenol	50	45.4	ug/L	91				38	117	
	2-Methylphenol	50	43.6	ug/L	87				30	117	
	2,2-oxybis(1-Chloropropane)	50	41.3	ug/L	83				37	130	
	Acetophenone	50	42.4	ug/L	85				46	118	
	3+4-Methylphenols	50	43.8	ug/L	88				29	110	
	N-Nitroso-di-n-propylamine	50	42.2	ug/L	84				49	119	
	Hexachloroethane	50	42.7	ug/L	85				21	115	
	Nitrobenzene	50	41.1	ug/L	82				45	121	
	Isophorone	50	43.3	ug/L	87				42	124	
	2-Nitrophenol	50	44.7	ug/L	89				47	123	
	2,4-Dimethylphenol	50	54.0	ug/L	108				31	124	
	bis(2-Chloroethoxy)methane	50	43.3	ug/L	87				48	120	
	2,4-Dichlorophenol	50	44.8	ug/L	90				47	121	
	Naphthalene	50	42.9	ug/L	86				40	121	
	4-Chloroaniline	50	22.7	ug/L	45				33	117	
	Hexachlorobutadiene	50	42.5	ug/L	85				22	124	
	Caprolactam	50	44.1	ug/L	88				10	161	
	4-Chloro-3-methylphenol	50	44.8	ug/L	90				52	119	
	2-Methylnaphthalene	50	43.9	ug/L	88				40	121	
	Hexachlorocyclopentadiene	100	160	ug/L	160		*		10	155	
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				50	125	
	2,4,5-Trichlorophenol	50	42.6	ug/L	85				53	123	
	1,1-Biphenyl	50	42.8	ug/L	86				49	115	
	2-Chloronaphthalene	50	41.9	ug/L	84				40	116	
	2-Nitroaniline	50	43.6	ug/L	87				55	127	
	Dimethylphthalate	50	44.1	ug/L	88				45	127	
	Acenaphthylene	50	46.2	ug/L	92				41	130	
	2,6-Dinitrotoluene	50	42.9	ug/L	86				57	124	
	3-Nitroaniline	50	28.7	ug/L	57				41	128	
	Acenaphthene	50	49.2	ug/L	98				47	122	
	2,4-Dinitrophenol	100	89.3	ug/L	89				23	143	
	4-Nitrophenol	100	81.6	ug/L	82				10	161	
	Dibenzofuran	50	44.2	ug/L	88				53	118	
	2,4-Dinitrotoluene	50	43.1	ug/L	86				57	128	
	Diethylphthalate	50	43.1	ug/L	86				56	125	
	4-Chlorophenyl-phenylether	50	43.3	ug/L	87				53	121	
	Fluorene	50	43.3	ug/L	87				52	124	
	4-Nitroaniline	50	41.9	ug/L	84				35	120	
	4,6-Dinitro-2-methylphenol	50	47.3	ug/L	95				44	137	
	N-Nitrosodiphenylamine	50	44.9	ug/L	90				51	123	
	4-Bromophenyl-phenylether	50	44.1	ug/L	88				55	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4868

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270E

DataFile: BF140490.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165039BS	Hexachlorobenzene	50	44.2	ug/L	88				53	125	
	Atrazine	50	49.5	ug/L	99				44	142	
	Pentachlorophenol	100	84.3	ug/L	84				35	138	
	Phenanthrene	50	44.5	ug/L	89				59	120	
	Anthracene	50	46.9	ug/L	94				57	123	
	Carbazole	50	43.6	ug/L	87				60	122	
	Di-n-butylphthalate	50	44.3	ug/L	89				59	127	
	Fluoranthene	50	43.9	ug/L	88				57	128	
	Pyrene	50	46.9	ug/L	94				57	126	
	Butylbenzylphthalate	50	48.3	ug/L	97				53	134	
	3,3-Dichlorobenzidine	50	28.7	ug/L	57				27	129	
	Benzo(a)anthracene	50	46.9	ug/L	94				58	125	
	Chrysene	50	43.9	ug/L	88				59	123	
	bis(2-Ethylhexyl)phthalate	50	47.0	ug/L	94				55	135	
	Di-n-octyl phthalate	50	44.6	ug/L	89				51	140	
	Benzo(b)fluoranthene	50	42.6	ug/L	85				53	131	
	Benzo(k)fluoranthene	50	46.2	ug/L	92				57	129	
	Benzo(a)pyrene	50	48.8	ug/L	98				54	128	
	Indeno(1,2,3-cd)pyrene	50	50.5	ug/L	101				52	134	
	Dibenz(a,h)anthracene	50	50.1	ug/L	100				51	134	
	Benzo(g,h,i)perylene	50	46.4	ug/L	93				50	134	
	1,2,4,5-Tetrachlorobenzene	50	42.9	ug/L	86				35	121	
	1,4-Dioxane	50	37.4	ug/L	75				70	130	
	2,3,4,6-Tetrachlorophenol	50	45.2	ug/L	90				50	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4868

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270E

DataFile: BF140491.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165039BSD	Benzaldehyde	50	38.3	ug/L	77	0			10	161	20
	Phenol	50	42.4	ug/L	85	2			10	132	20
	bis(2-Chloroethyl)ether	50	44.1	ug/L	88	1			43	118	20
	2-Chlorophenol	50	44.9	ug/L	90	1			38	117	20
	2-Methylphenol	50	43.3	ug/L	87	1			30	117	20
	2,2-oxybis(1-Chloropropane)	50	41.3	ug/L	83	0			37	130	20
	Acetophenone	50	42.8	ug/L	86	1			46	118	20
	3+4-Methylphenols	50	43.9	ug/L	88	0			29	110	20
	N-Nitroso-di-n-propylamine	50	41.9	ug/L	84	1			49	119	20
	Hexachloroethane	50	42.1	ug/L	84	1			21	115	20
	Nitrobenzene	50	41.3	ug/L	83	0			45	121	20
	Isophorone	50	43.3	ug/L	87	0			42	124	20
	2-Nitrophenol	50	44.9	ug/L	90	0			47	123	20
	2,4-Dimethylphenol	50	53.1	ug/L	106	2			31	124	20
	bis(2-Chloroethoxy)methane	50	42.6	ug/L	85	2			48	120	20
	2,4-Dichlorophenol	50	44.8	ug/L	90	0			47	121	20
	Naphthalene	50	43.0	ug/L	86	0			40	121	20
	4-Chloroaniline	50	20.2	ug/L	40	12			33	117	20
	Hexachlorobutadiene	50	41.8	ug/L	84	2			22	124	20
	Caprolactam	50	43.2	ug/L	86	2			10	161	20
	4-Chloro-3-methylphenol	50	45.5	ug/L	91	2			52	119	20
	2-Methylnaphthalene	50	43.6	ug/L	87	1			40	121	20
	Hexachlorocyclopentadiene	100	160	ug/L	160	0	*		10	155	20
	2,4,6-Trichlorophenol	50	44.5	ug/L	89	1			50	125	20
	2,4,5-Trichlorophenol	50	42.9	ug/L	86	1			53	123	20
	1,1-Biphenyl	50	43.3	ug/L	87	1			49	115	20
	2-Chloronaphthalene	50	42.6	ug/L	85	2			40	116	20
	2-Nitroaniline	50	44.7	ug/L	89	2			55	127	20
	Dimethylphthalate	50	45.1	ug/L	90	2			45	127	20
	Acenaphthylene	50	46.8	ug/L	94	1			41	130	20
	2,6-Dinitrotoluene	50	43.4	ug/L	87	1			57	124	20
	3-Nitroaniline	50	28.0	ug/L	56	2			41	128	20
	Acenaphthene	50	49.1	ug/L	98	0			47	122	20
	2,4-Dinitrophenol	100	90.3	ug/L	90	1			23	143	20
	4-Nitrophenol	100	83.4	ug/L	83	2			10	161	20
	Dibenzofuran	50	44.5	ug/L	89	1			53	118	20
	2,4-Dinitrotoluene	50	44.7	ug/L	89	4			57	128	20
	Diethylphthalate	50	44.2	ug/L	88	3			56	125	20
	4-Chlorophenyl-phenylether	50	44.0	ug/L	88	2			53	121	20
	Fluorene	50	44.3	ug/L	89	2			52	124	20
	4-Nitroaniline	50	43.2	ug/L	86	3			35	120	20
	4,6-Dinitro-2-methylphenol	50	47.9	ug/L	96	1			44	137	20
	N-Nitrosodiphenylamine	50	45.6	ug/L	91	2			51	123	20
	4-Bromophenyl-phenylether	50	44.6	ug/L	89	1			55	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4868

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270E

DataFile: BF140491.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165039BSD	Hexachlorobenzene	50	44.2	ug/L	88	0			53	125	20
	Atrazine	50	50.0	ug/L	100	1			44	142	20
	Pentachlorophenol	100	84.5	ug/L	85	0			35	138	20
	Phenanthrene	50	45.0	ug/L	90	1			59	120	20
	Anthracene	50	47.6	ug/L	95	1			57	123	20
	Carbazole	50	44.4	ug/L	89	2			60	122	20
	Di-n-butylphthalate	50	44.4	ug/L	89	0			59	127	20
	Fluoranthene	50	44.4	ug/L	89	1			57	128	20
	Pyrene	50	46.6	ug/L	93	1			57	126	20
	Butylbenzylphthalate	50	47.9	ug/L	96	1			53	134	20
	3,3-Dichlorobenzidine	50	29.0	ug/L	58	1			27	129	20
	Benzo(a)anthracene	50	44.8	ug/L	90	5			58	125	20
	Chrysene	50	45.5	ug/L	91	4			59	123	20
	bis(2-Ethylhexyl)phthalate	50	47.2	ug/L	94	0			55	135	20
	Di-n-octyl phthalate	50	45.1	ug/L	90	1			51	140	20
	Benzo(b)fluoranthene	50	42.5	ug/L	85	0			53	131	20
	Benzo(k)fluoranthene	50	46.4	ug/L	93	0			57	129	20
	Benzo(a)pyrene	50	48.7	ug/L	97	0			54	128	20
	Indeno(1,2,3-cd)pyrene	50	49.1	ug/L	98	3			52	134	20
	Dibenz(a,h)anthracene	50	48.7	ug/L	97	3			51	134	20
	Benzo(g,h,i)perylene	50	45.0	ug/L	90	3			50	134	20
	1,2,4,5-Tetrachlorobenzene	50	43.4	ug/L	87	1			35	121	20
	1,4-Dioxane	50	37.8	ug/L	76	1			70	130	20
	2,3,4,6-Tetrachlorophenol	50	47.2	ug/L	94	4			50	128	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165039BL

Lab Name: CHEMTECH

Contract: TETR06

Lab Code: CHEM Case No.: P4868

SAS No.: P4868 SDG NO.: P4868

Lab File ID: BF140489.D

Lab Sample ID: PB165039BL

Instrument ID: BNA_F

Date Extracted: 11/16/2024

Matrix: (soil/water) Water

Date Analyzed: 11/20/2024

Level: (low/med) LOW

Time Analyzed: 09:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165039BS	PB165039BS	BF140490.D	11/20/2024
PB165039BSD	PB165039BSD	BF140491.D	11/20/2024
RW5-SP100-20241114	P4868-01	BF140493.D	11/20/2024
RW5-SP303-20241114	P4868-03	BF140494.D	11/20/2024

COMMENTS: _____



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: TETR06Lab Code: CHEMSAS No.: P4868SDG NO.: P4868Lab File ID: BF140331.DDFTPP Injection Date: 11/13/2024Instrument ID: BNA_FDFTPP Injection Time: 08:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.9
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.6
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	6.4
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	88.6
443	15.0 - 24.0% of mass 442	16.7 (18.8) 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	BF140332.D	11/13/2024	09:01
SSTDICC005	SSTDICC005	BF140333.D	11/13/2024	09:27
SSTDICC010	SSTDICC010	BF140334.D	11/13/2024	09:53
SSTDICC020	SSTDICC020	BF140335.D	11/13/2024	10:29
SSTDICC050	SSTDICC050	BF140337.D	11/13/2024	11:21
SSTDICC060	SSTDICC060	BF140338.D	11/13/2024	11:47
SSTDICC080	SSTDICC080	BF140339.D	11/13/2024	12:13
SSTDICCC040	SSTDICCC040	BF140340.D	11/13/2024	12:48



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: TETR06Lab Code: CHEMSAS No.: P4868SDG NO.: P4868Lab File ID: BF140487.DDFTPP Injection Date: 11/20/2024Instrument ID: BNA_FDFTPP Injection Time: 09:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
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
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.3 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140488.D	11/20/2024	09:31
PB165039BL	PB165039BL	BF140489.D	11/20/2024	09:57
PB165039BS	PB165039BS	BF140490.D	11/20/2024	10:23
PB165039BSD	PB165039BSD	BF140491.D	11/20/2024	10:49
RW5-SP100-20241114	P4868-01	BF140493.D	11/20/2024	11:49
RW5-SP303-20241114	P4868-03	BF140494.D	11/20/2024	12:15
RW5-SP303-20241114RE	P4868-03RE	BF140498.D	11/20/2024	14:01
SSTDCCC040EC	SSTDCCC040	BF140499.D	11/20/2024	14:34

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P4868 SAS No.: P4868 SDG NO.: P4868

EPA Sample No.: SSTDCCC040 Date Analyzed: 11/20/2024

Lab File ID: BF140488.D Time Analyzed: 09:31

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	132364	6.875	490485	8.16	273054	9.92
UPPER LIMIT	264728	7.375	980970	8.657	546108	10.416
LOWER LIMIT	66182	6.375	245243	7.657	136527	9.416
EPA SAMPLE NO.						
01 PB165039BL	125559	6.88	478277	8.15	268353	9.91
02 PB165039BS	123122	6.88	469130	8.16	266786	9.91
03 PB165039BSD	121736	6.88	462447	8.15	259407	9.91
04 RW5-SP100-20241114	115090	6.88	438706	8.15	246450	9.91
05 RW5-SP303-20241114	111180	6.88	421980	8.15	217249	9.90
06 RW5-SP303-20241114RE	107774	6.87	401651	8.15	185909	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.: P4868 SAS No.: P4868 SDG NO.: P4868

EPA Sample No.: SSTDCCC040 Date Analyzed: 11/20/2024

Lab File ID: BF140488.D Time Analyzed: 09:31

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	510213	11.404	268548	14.051	246006	15.539
UPPER LIMIT	1020430	11.904	537096	14.551	492012	16.039
LOWER LIMIT	255107	10.904	134274	13.551	123003	15.039
EPA SAMPLE NO.						
01 PB165039BL	515282	11.40	344131	14.06	286700	15.58
02 PB165039BS	499057	11.40	288313	14.06	231323	15.57
03 PB165039BSD	492347	11.40	292939	14.06	237975	15.57
04 RW5-SP100-20241114	461031	11.40	281660	14.05	215486	15.56
05 RW5-SP303-20241114	429469	11.40	252845	14.05	112601 *	15.56
06 RW5-SP303-20241114RE	383896	11.40	211068	14.04	81264 *	15.53

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

- 1
- 2
- 3
- 4
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24
Project:	CTO WE13	Date Received:	11/14/24
Client Sample ID:	RW5-SP100-20241114	SDG No.:	P4868
Lab Sample ID:	P4868-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140493.D	1	11/16/24 08:15	11/20/24 11:49	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.20	U	4.10	8.20	10.2	ug/L
108-95-2	Phenol	4.10	U	0.95	4.10	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.10	U	1.20	4.10	5.10	ug/L
95-57-8	2-Chlorophenol	4.10	U	0.72	4.10	5.10	ug/L
95-48-7	2-Methylphenol	4.10	U	1.20	4.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.10	U	1.40	4.10	5.10	ug/L
98-86-2	Acetophenone	4.10	U	1.10	4.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.20	U	1.20	8.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	2.60	ug/L
67-72-1	Hexachloroethane	4.10	U	1.00	4.10	5.10	ug/L
98-95-3	Nitrobenzene	4.10	U	1.30	4.10	5.10	ug/L
78-59-1	Isophorone	4.10	U	1.20	4.10	5.10	ug/L
88-75-5	2-Nitrophenol	4.10	U	2.00	4.10	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.10	U	1.50	4.10	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.10	U	1.00	4.10	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.10	U	0.90	4.10	5.10	ug/L
91-20-3	Naphthalene	4.10	U	1.00	4.10	5.10	ug/L
106-47-8	4-Chloroaniline	4.10	U	1.30	4.10	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.10	U	1.30	4.10	5.10	ug/L
105-60-2	Caprolactam	8.20	U	1.70	8.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	4.10	U	0.86	4.10	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.10	U	1.20	4.10	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.20	UQ	5.10	8.20	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	4.10	U	0.91	4.10	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.10	U	1.00	4.10	5.10	ug/L
92-52-4	1,1-Biphenyl	4.10	U	0.93	4.10	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.10	U	0.99	4.10	5.10	ug/L
88-74-4	2-Nitroaniline	4.10	U	1.40	4.10	5.10	ug/L
131-11-3	Dimethylphthalate	4.10	U	0.95	4.10	5.10	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24
Project:	CTO WE13	Date Received:	11/14/24
Client Sample ID:	RW5-SP100-20241114	SDG No.:	P4868
Lab Sample ID:	P4868-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140493.D	1	11/16/24 08:15	11/20/24 11:49	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.10	U	1.10	4.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.10	U	1.30	4.10	5.10	ug/L
99-09-2	3-Nitroaniline	4.10	U	1.40	4.10	5.10	ug/L
83-32-9	Acenaphthene	4.10	U	0.83	4.10	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.20	U	6.60	8.20	10.2	ug/L
100-02-7	4-Nitrophenol	8.20	U	2.00	8.20	10.2	ug/L
132-64-9	Dibenzofuran	4.10	U	0.95	4.10	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.10	U	1.60	4.10	5.10	ug/L
84-66-2	Diethylphthalate	4.10	U	1.10	4.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.10	U	1.00	4.10	5.10	ug/L
86-73-7	Fluorene	4.10	U	0.98	4.10	5.10	ug/L
100-01-6	4-Nitroaniline	4.10	U	2.10	4.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.20	U	3.10	8.20	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	4.10	U	0.91	4.10	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.10	U	0.97	4.10	5.10	ug/L
118-74-1	Hexachlorobenzene	4.10	U	1.20	4.10	5.10	ug/L
1912-24-9	Atrazine	4.10	U	1.30	4.10	5.10	ug/L
87-86-5	Pentachlorophenol	8.20	U	1.90	8.20	10.2	ug/L
85-01-8	Phenanthrene	4.10	U	0.91	4.10	5.10	ug/L
120-12-7	Anthracene	4.10	U	1.10	4.10	5.10	ug/L
86-74-8	Carbazole	4.10	U	1.20	4.10	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.10	U	1.50	4.10	5.10	ug/L
206-44-0	Fluoranthene	4.10	U	1.30	4.10	5.10	ug/L
129-00-0	Pyrene	4.10	U	1.10	4.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.10	U	2.10	4.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.20	U	1.30	8.20	10.2	ug/L
56-55-3	Benzo(a)anthracene	4.10	U	0.96	4.10	5.10	ug/L
218-01-9	Chrysene	4.10	U	0.88	4.10	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.10	U	1.90	4.10	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.20	U	2.60	8.20	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	4.10	U	1.20	4.10	5.10	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24
Project:	CTO WE13	Date Received:	11/14/24
Client Sample ID:	RW5-SP100-20241114	SDG No.:	P4868
Lab Sample ID:	P4868-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140493.D	1	11/16/24 08:15	11/20/24 11:49	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.10	U	1.20	4.10	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.10	U	1.70	4.10	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.10	U	1.00	4.10	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.10	U	1.20	4.10	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.10	U	1.20	4.10	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.10	U	1.10	4.10	5.10	ug/L
123-91-1	1,4-Dioxane	9.80		1.30	4.10	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.10	U	0.81	4.10	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	68.8		19 - 119		46%	SPK: 150
13127-88-3	Phenol-d6	41.6		10 - 130		28%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		44 - 120		104%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		44 - 119		102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	160		43 - 140		107%	SPK: 150
1718-51-0	Terphenyl-d14	103		50 - 134		103%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	115000	6.875
1146-65-2	Naphthalene-d8	439000	8.151
15067-26-2	Acenaphthene-d10	246000	9.91
1517-22-2	Phenanthrene-d10	461000	11.398
1719-03-5	Chrysene-d12	282000	14.051
1520-96-3	Perylene-d12	215000	15.556

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.14	ug/L
000079-01-6	Trichloroethylene	180	J		2.52	ug/L
000141-79-7	3-Penten-2-one, 4-methyl-	8.00	A		4.47	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.10	AB		5.09	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	11/14/24
Project:	CTO WE13		Date Received:	11/14/24
Client Sample ID:	RW5-SP100-20241114		SDG No.:	P4868
Lab Sample ID:	P4868-01		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	980	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20
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
BF140493.D	1	11/16/24 08:15	11/20/24 11:49	PB165039

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\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

Quant Time: Nov 20 12:16:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

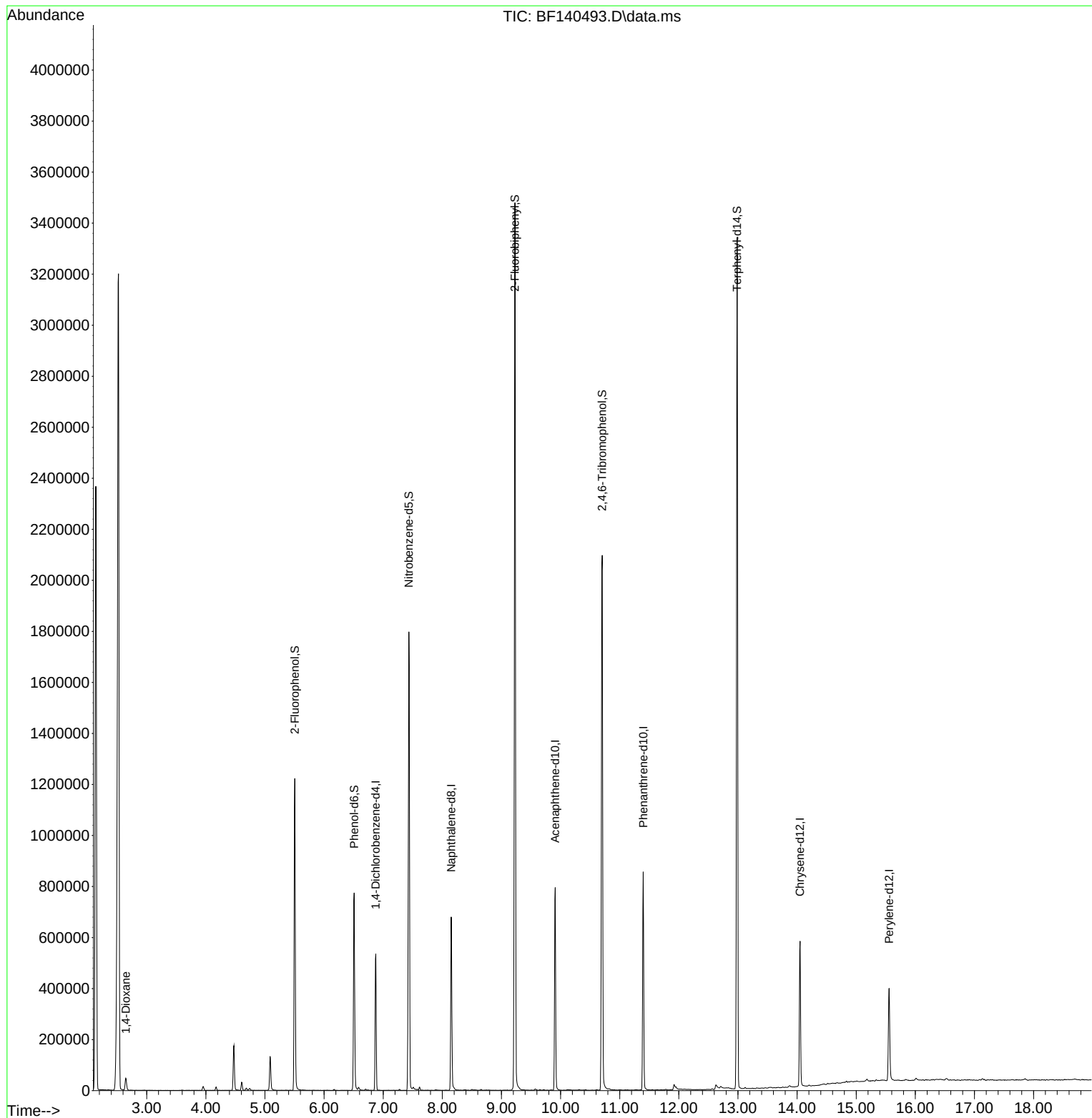
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	115090	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	438706	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	246450	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	461031	20.000	ng	0.00
76) Chrysene-d12	14.051	240	281660	20.000	ng	0.00
86) Perylene-d12	15.556	264	215486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	463650	68.783	ng	0.01
7) Phenol-d6	6.510	99	379613	41.567	ng	0.00
23) Nitrobenzene-d5	7.433	82	878803	104.371	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	392402	160.115	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1571042	102.476	ng	0.00
79) Terphenyl-d14	12.986	244	1665498	102.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	28819	9.593	ng	99

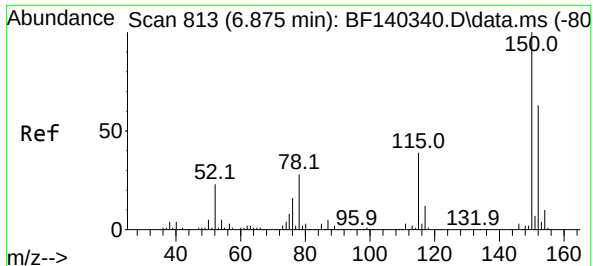
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

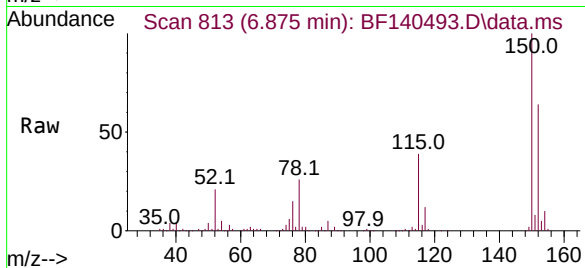
Quant Time: Nov 20 12:16:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



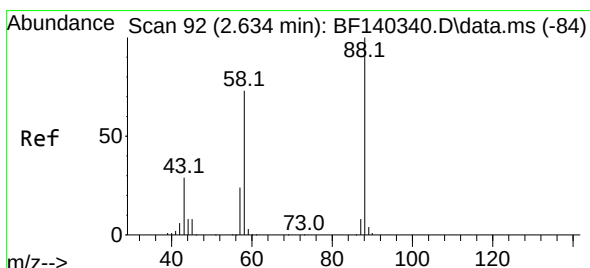
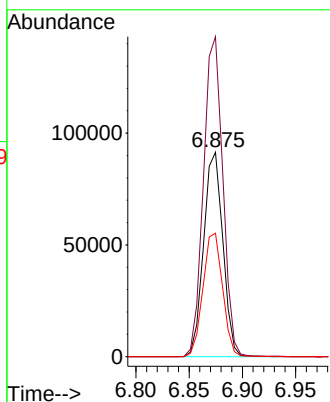
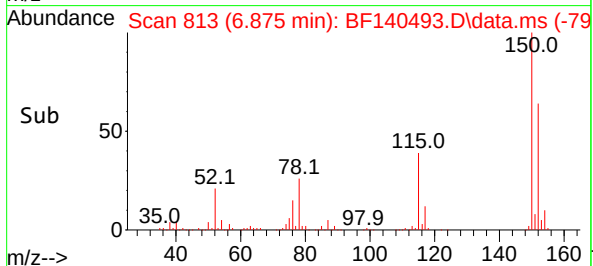


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

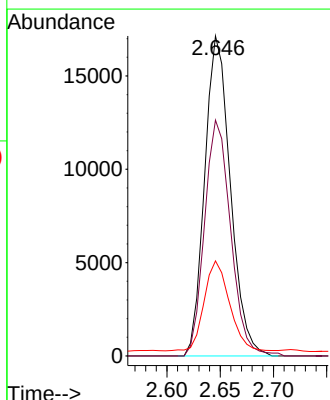
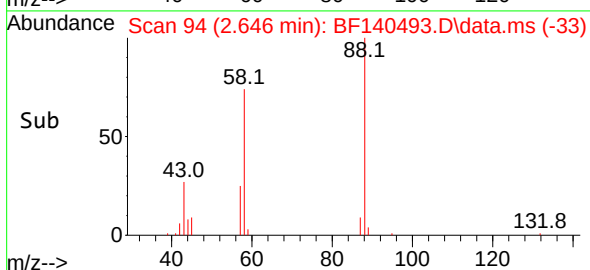
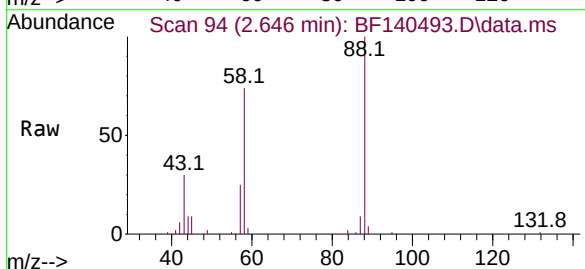


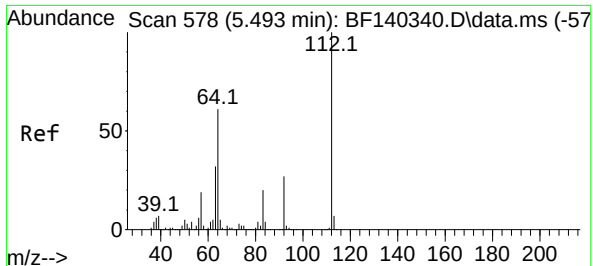
Tgt Ion:152 Resp: 115090
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 60.4 47.4 71.2



#2
1,4-Dioxane
Concen: 9.593 ng
RT: 2.646 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion: 88 Resp: 28819
Ion Ratio Lower Upper
88 100
58 74.8 59.5 89.3
43 27.6 23.4 35.2

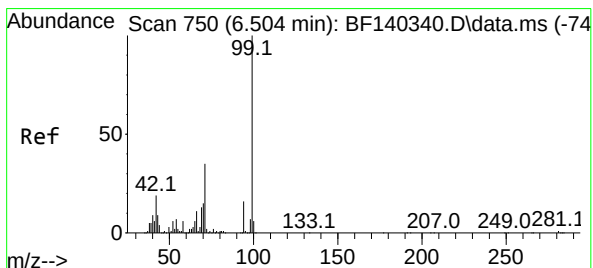
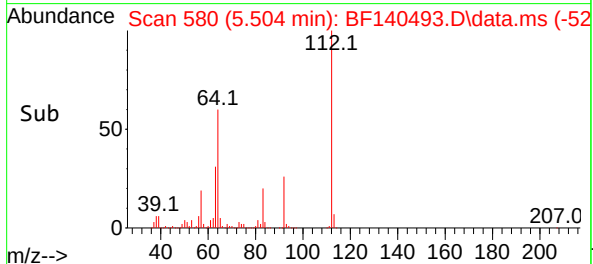
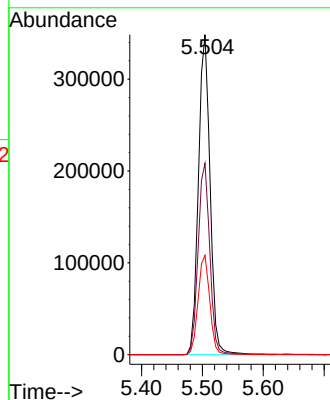
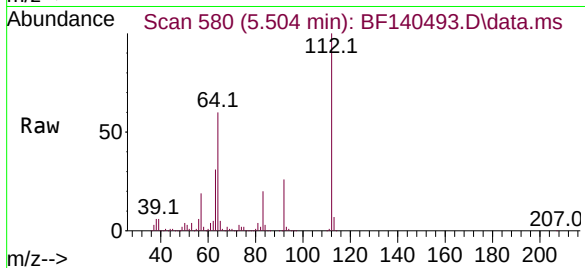




#5
2-Fluorophenol
Concen: 68.783 ng
RT: 5.504 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

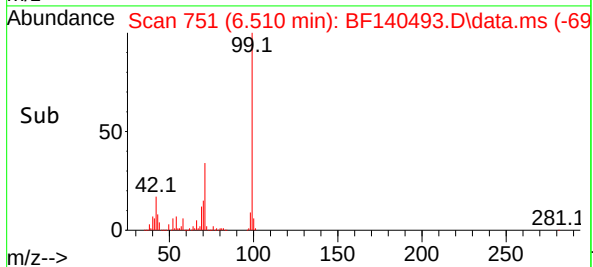
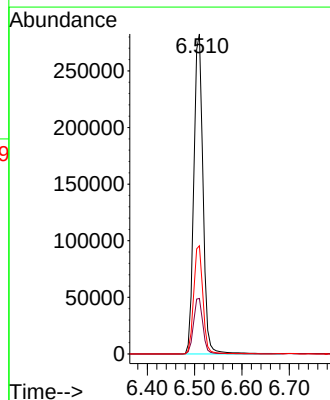
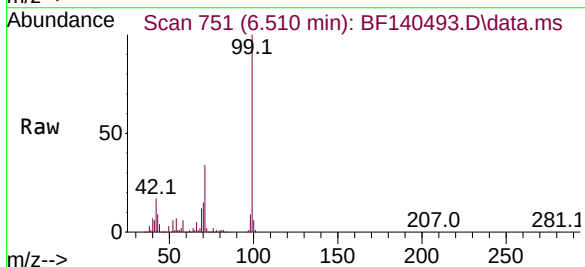
Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

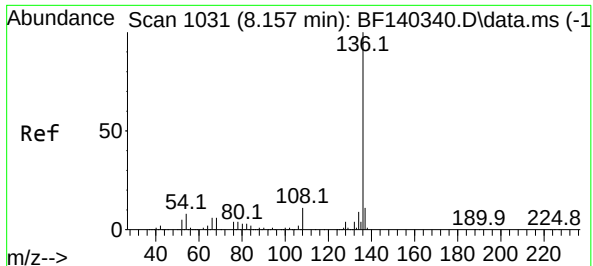
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	49.2	73.8
63	31.1	25.6	38.4



#7
Phenol-d6
Concen: 41.567 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140493.D
Acq: 20 Nov 2024 11:49

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.1	22.7
71	33.8	27.9	41.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114

Tgt Ion:136 Resp: 438706

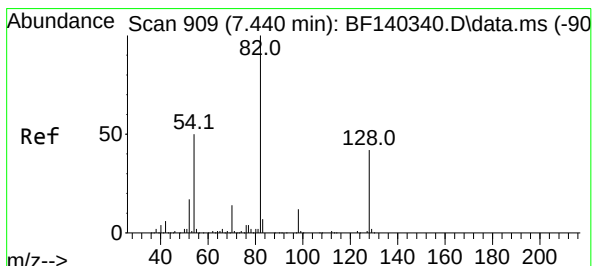
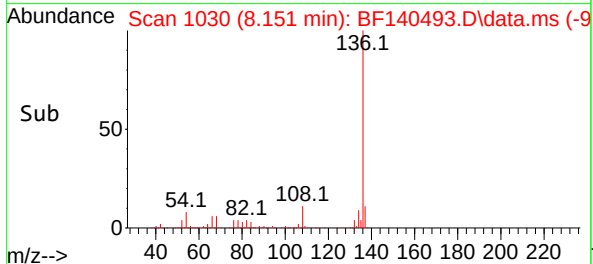
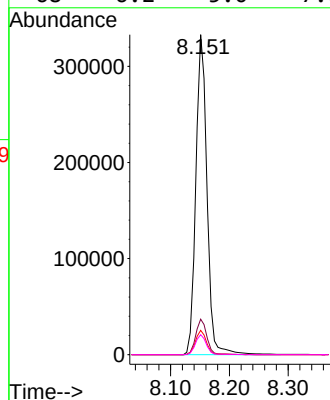
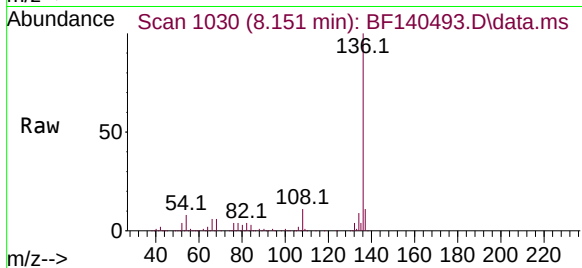
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.6 6.5 9.7

68 6.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 104.371 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

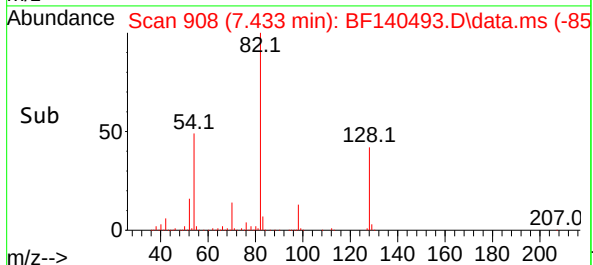
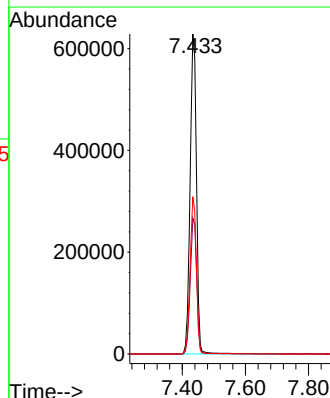
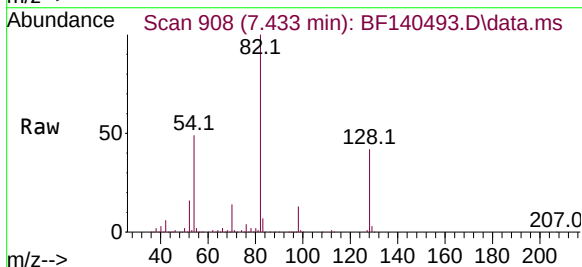
Tgt Ion: 82 Resp: 878803

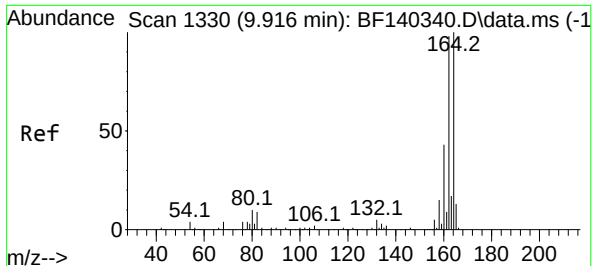
Ion Ratio Lower Upper

82 100

128 42.4 33.3 49.9

54 49.1 39.8 59.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

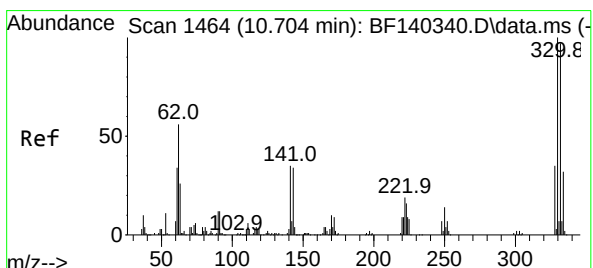
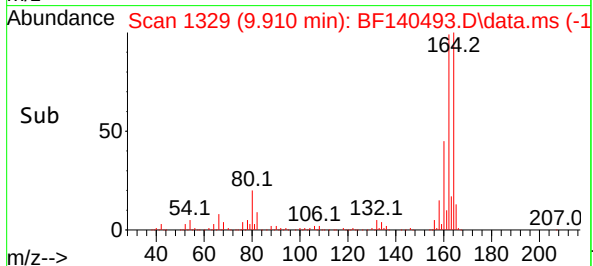
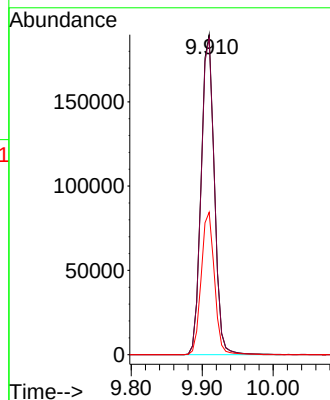
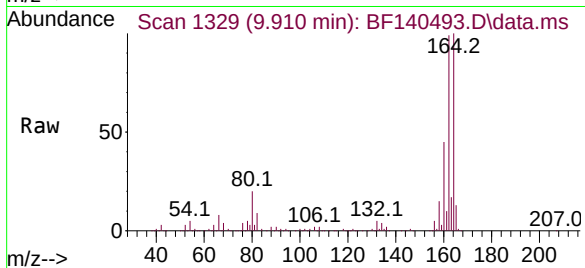
BNA_F

ClientSampleId :

RW5-SP100-20241114

Tgt Ion:164 Resp: 246450

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.8	119.8
160	44.5	35.4	53.0



#42

2,4,6-Tribromophenol

Concen: 160.115 ng

RT: 10.704 min Scan# 1464

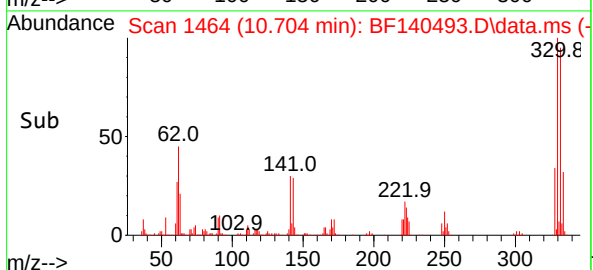
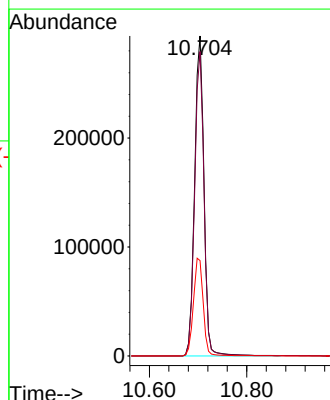
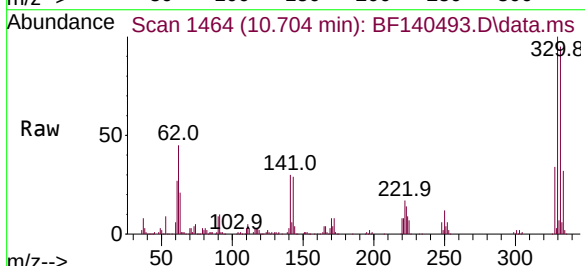
Delta R.T. -0.000 min

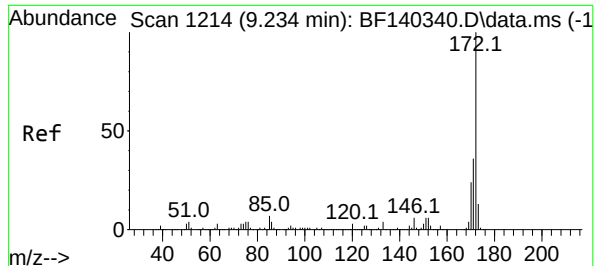
Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Tgt Ion:330 Resp: 392402

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	31.9	26.9	40.3





#45

2-Fluorobiphenyl

Concen: 102.476 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114

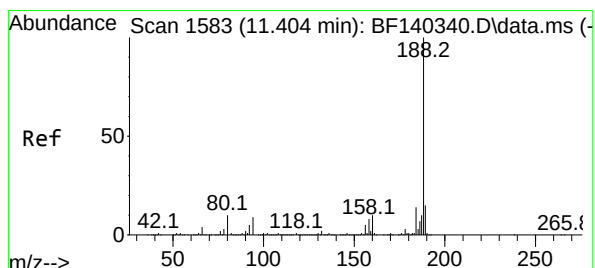
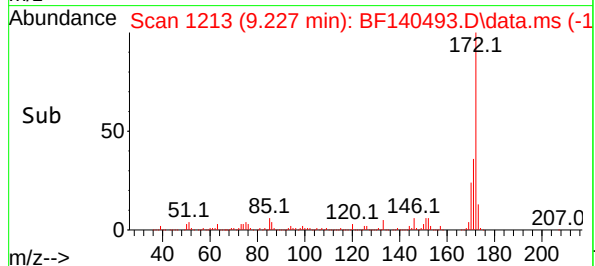
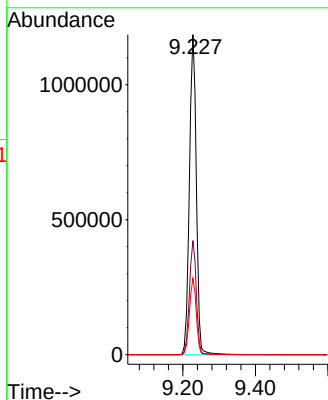
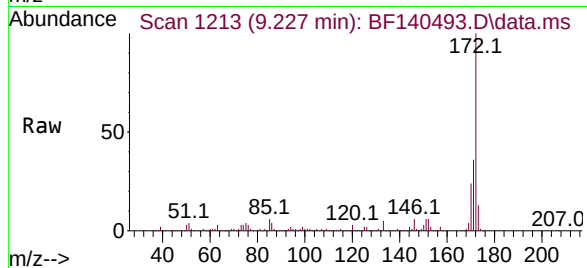
Tgt Ion:172 Resp: 1571042

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.9 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

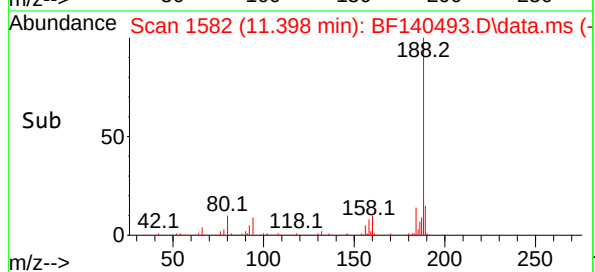
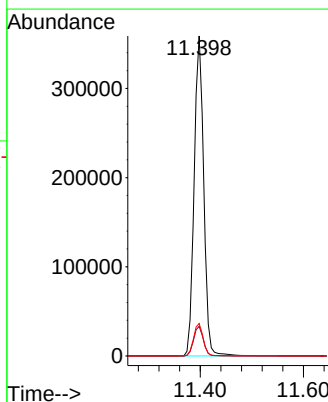
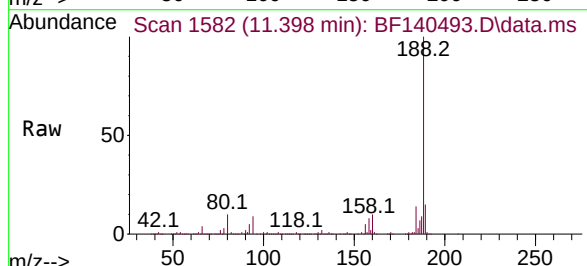
Tgt Ion:188 Resp: 461031

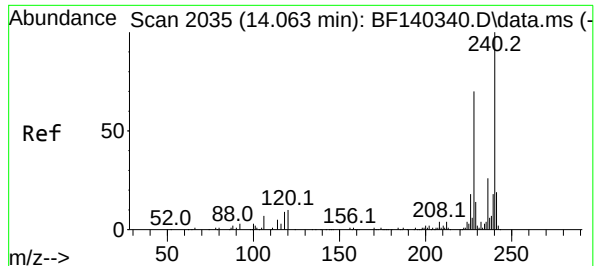
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.1 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114

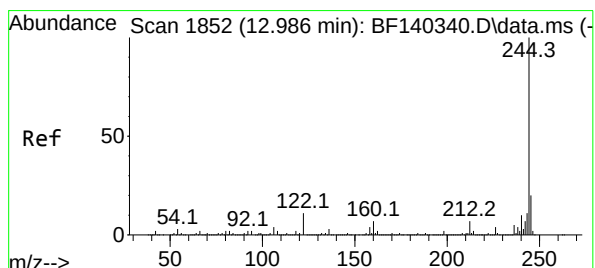
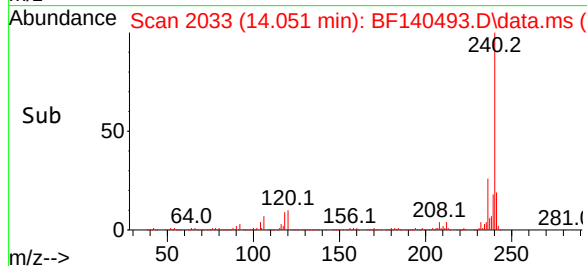
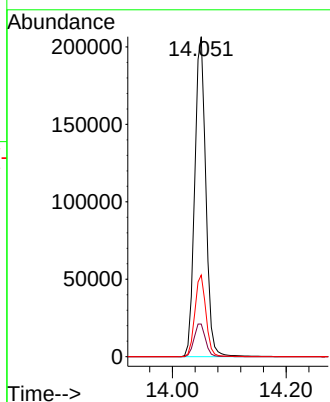
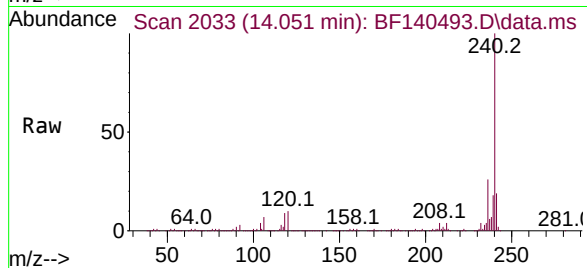
Tgt Ion:240 Resp: 281660

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

236 25.5 20.9 31.3



#79

Terphenyl-d14

Concen: 102.640 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140493.D

Acq: 20 Nov 2024 11:49

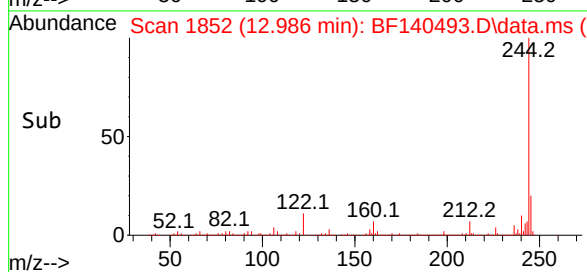
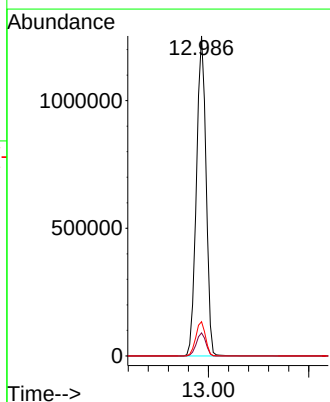
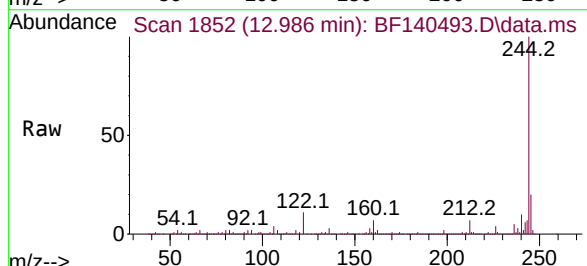
Tgt Ion:244 Resp: 1665498

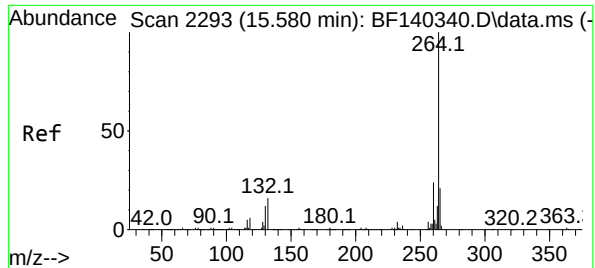
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140493.D

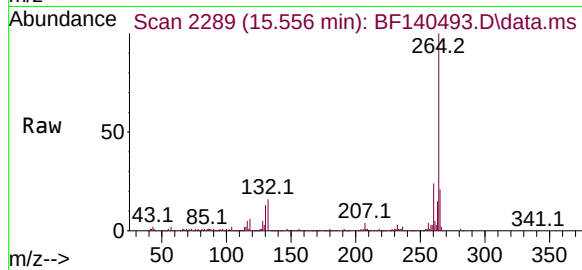
Acq: 20 Nov 2024 11:49

Instrument :

BNA_F

ClientSampleId :

RW5-SP100-20241114



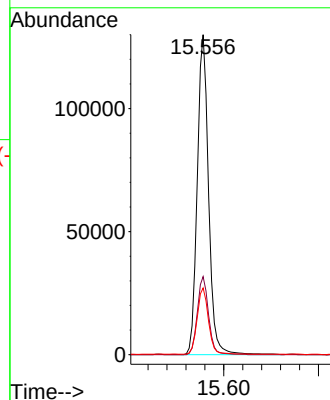
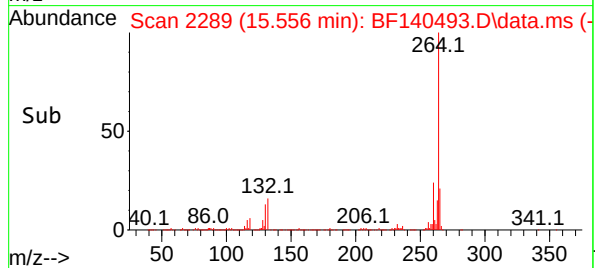
Tgt Ion:264 Resp: 215486

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.9 17.1 25.7



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	22	rVB	2365519	3732743	60.67%	11.462%
2	2.522	58	73	89	rBV	3199880	6152621	100.00%	18.893%
3	2.646	89	94	104	rVB	46847	81540	1.33%	0.250%
4	4.475	399	405	420	rBV	175466	264967	4.31%	0.814%
5	5.087	500	509	522	rBV	133091	203696	3.31%	0.625%
6	5.504	574	580	599	rBV	1222391	1632755	26.54%	5.014%
7	6.510	740	751	760	rBV	774774	1051570	17.09%	3.229%
8	6.875	807	813	818	rBV	534388	679502	11.04%	2.087%
9	7.433	902	908	918	rBV	1797441	2492504	40.51%	7.654%
10	8.151	1022	1030	1047	rBV	679734	894917	14.55%	2.748%
11	9.227	1207	1213	1218	rBV	3471017	4499754	73.14%	13.817%
12	9.910	1323	1329	1347	rBV	794846	1039111	16.89%	3.191%
13	10.704	1458	1464	1480	rBV	2096297	2927152	47.58%	8.988%
14	11.398	1577	1582	1596	rBV	854626	1094921	17.80%	3.362%
15	12.986	1846	1852	1857	rBV	3337103	4437251	72.12%	13.626%
16	14.051	2027	2033	2042	rBV	567325	773814	12.58%	2.376%
17	15.556	2283	2289	2305	rVB	361165	606799	9.86%	1.863%

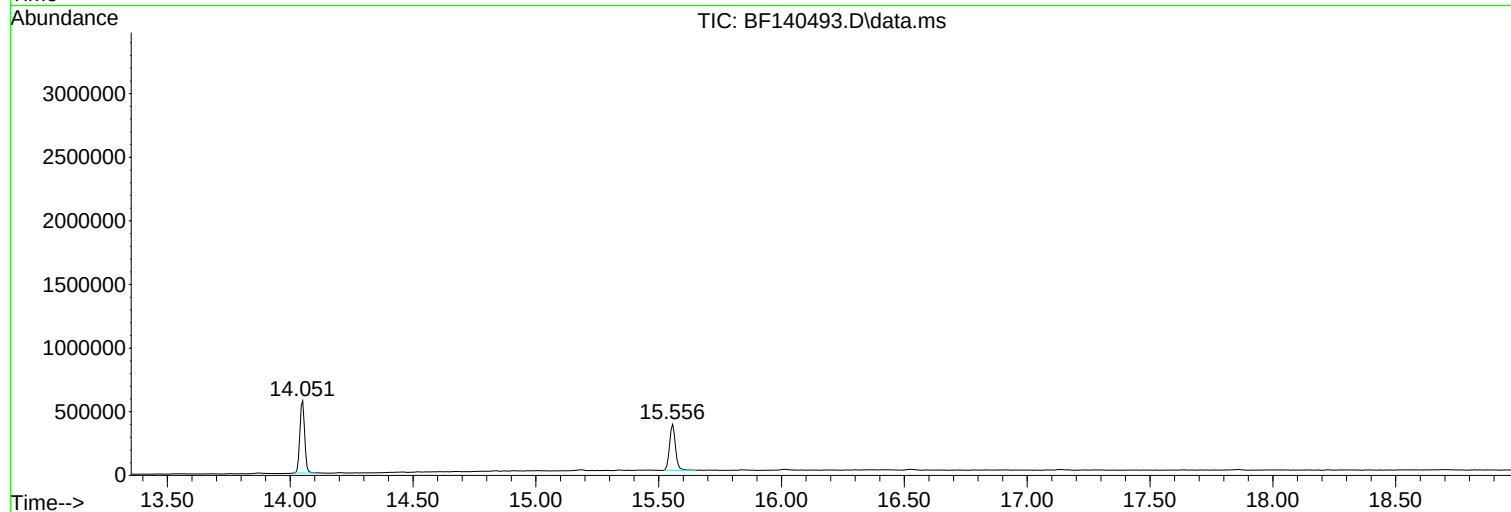
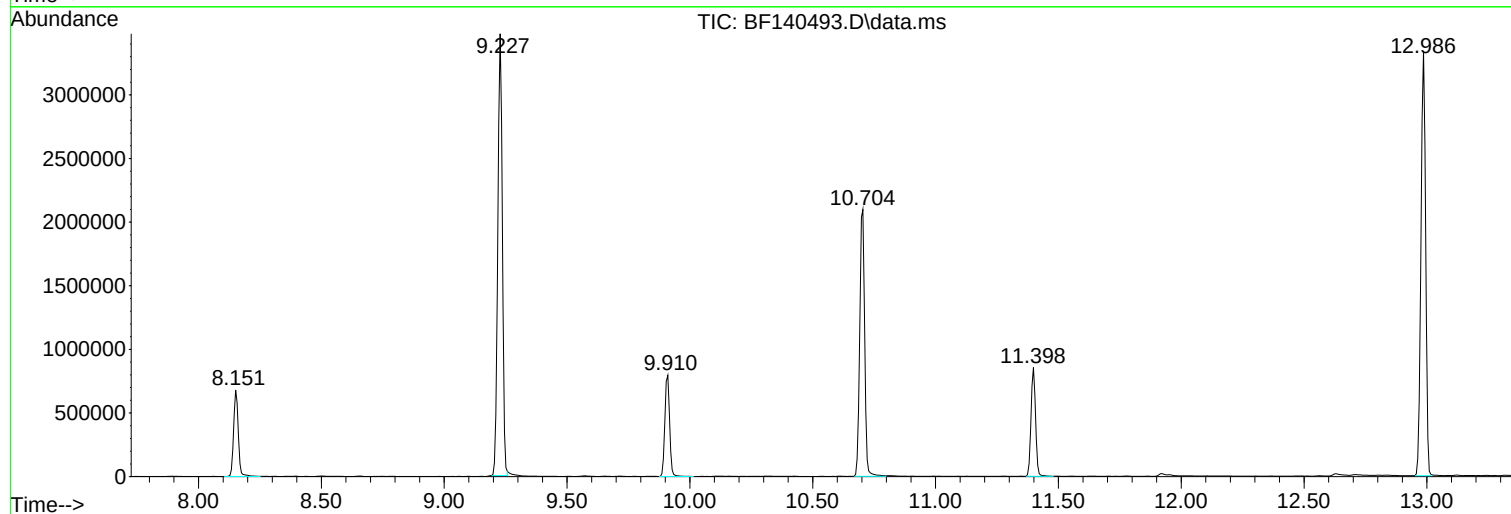
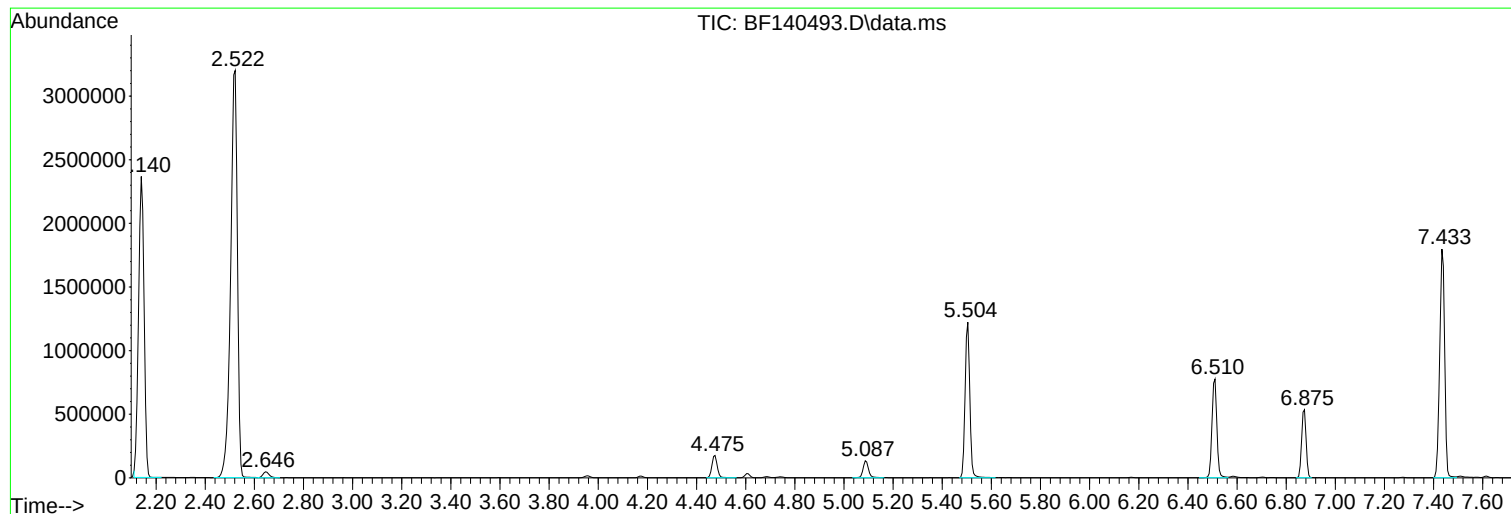
Sum of corrected areas: 32565617

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

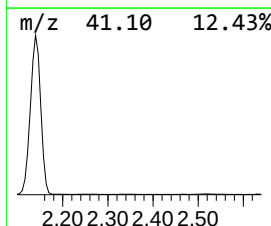
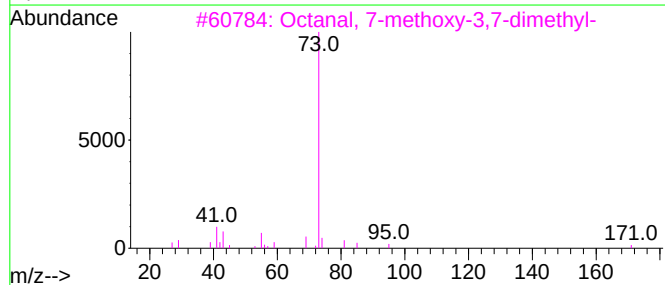
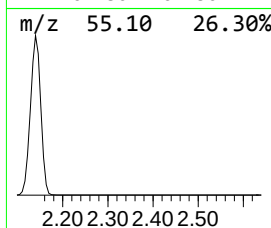
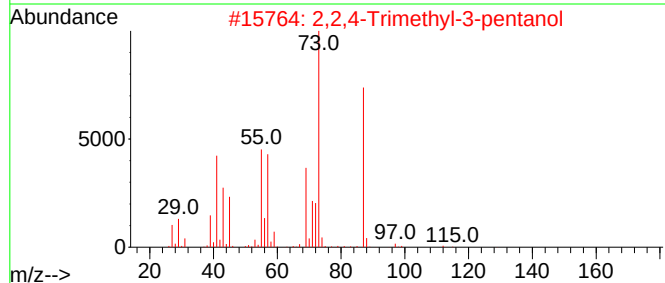
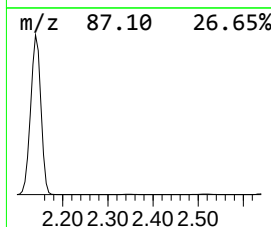
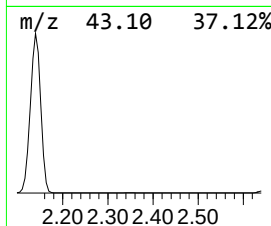
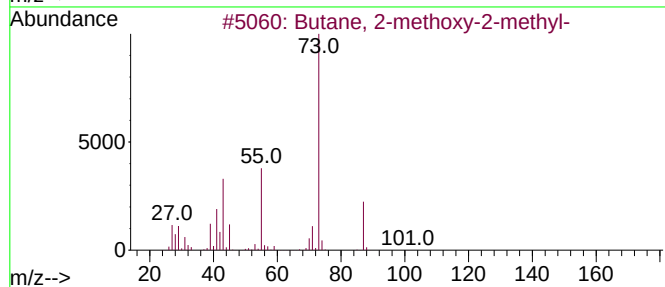
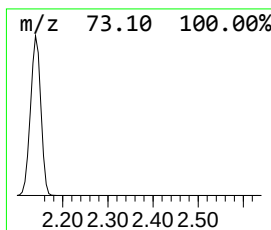
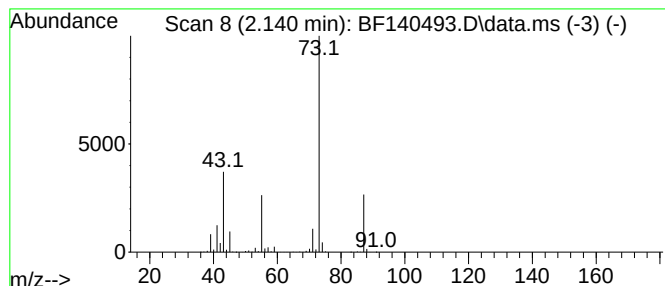
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	109.87 ng	3732740	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

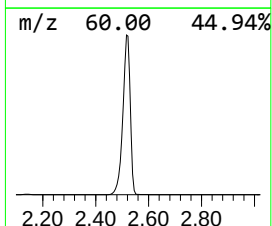
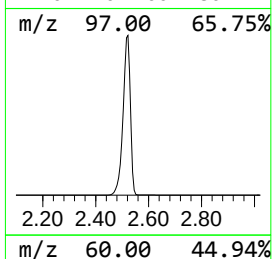
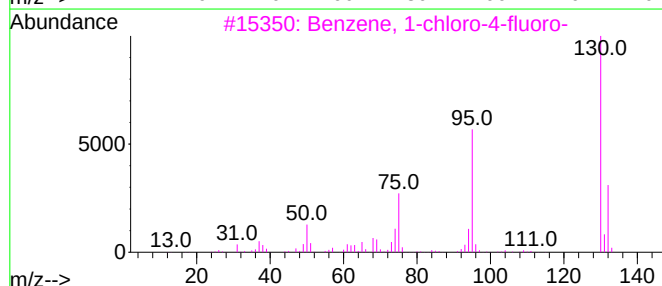
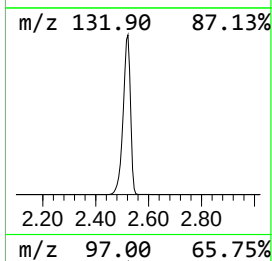
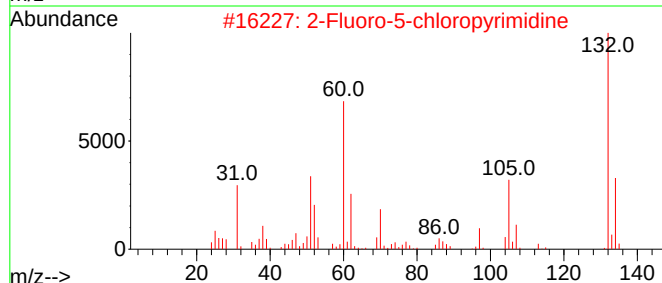
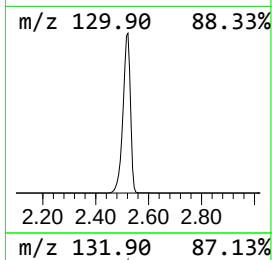
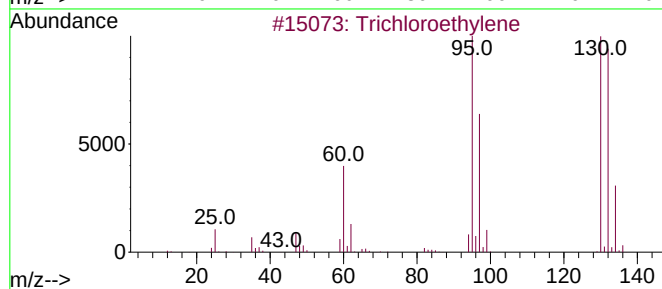
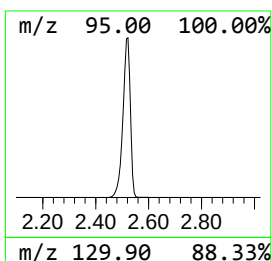
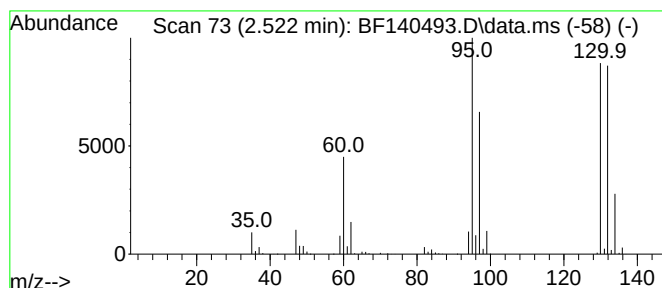
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.522	181.09 ng	6152620	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroethylene	130	C2HCl3	000079-01-6	99
2			2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	35
3			Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	14
4			Butylthiourea	132	C5H12N2S	001516-32-1	10
5			Isoquinoline, 3,4-dihydro-	131	C9H9N	003230-65-7	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

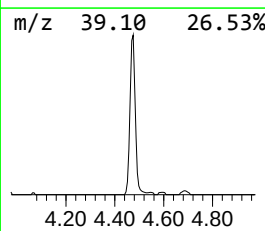
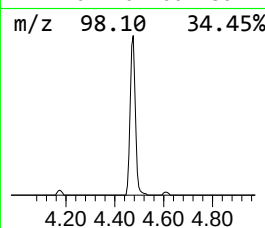
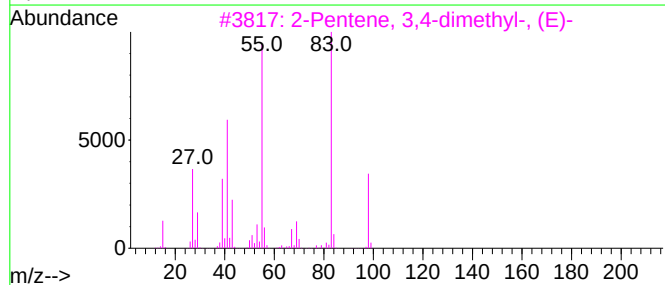
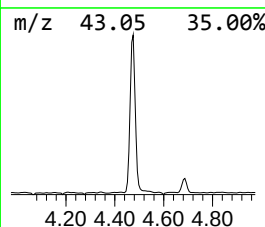
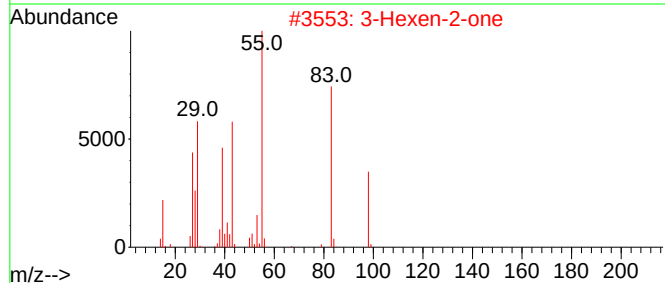
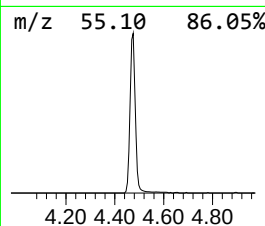
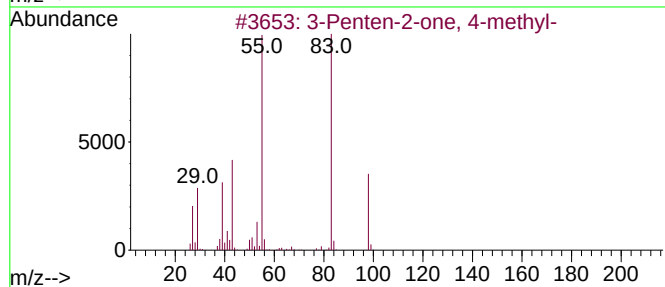
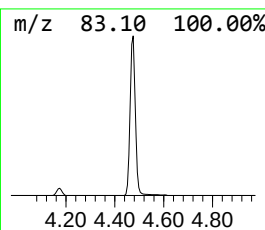
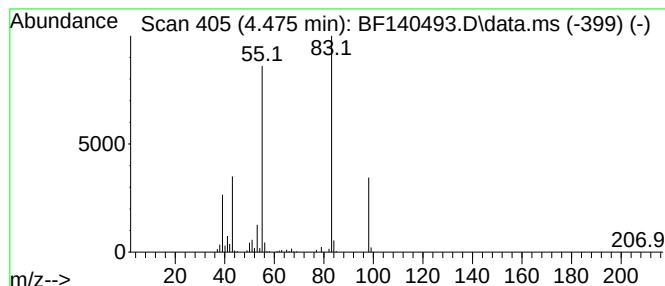
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.475	7.80 ng	264967	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

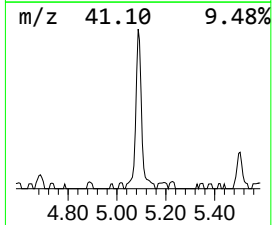
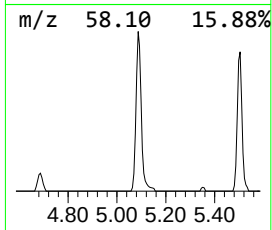
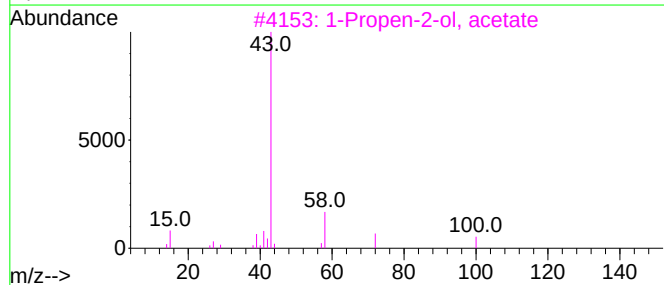
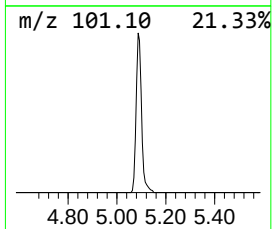
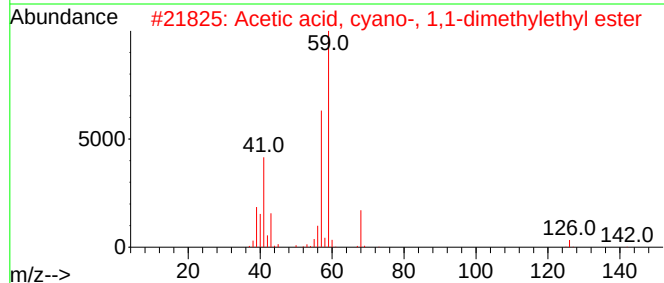
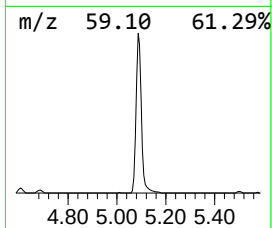
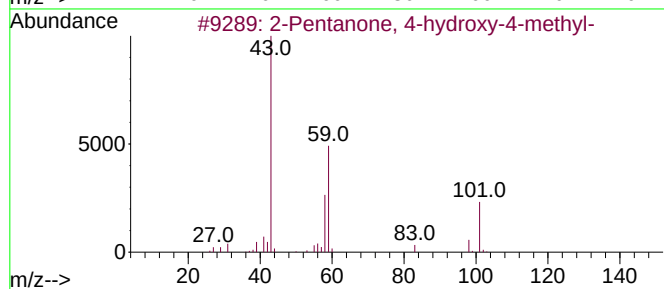
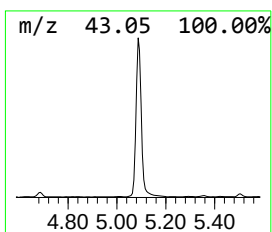
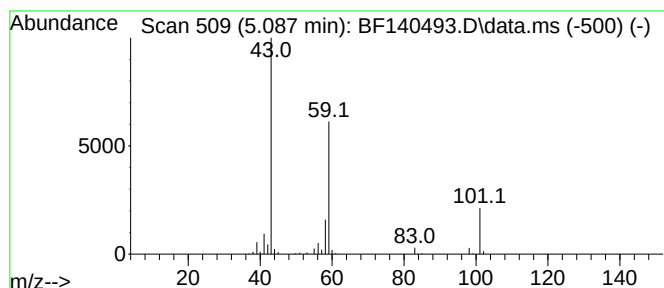
Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.087	6.00 ng	203696	1,4-Dichlorobenzene-d4	6.875	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140493.D
Acq On : 20 Nov 2024 11:49
Operator : RC/JU
Sample : P4868-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP100-20241114

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.140	109.9	ng	3732740	1	6.875	679502	20.0
Trichloroethylene	2.522	181.1	ng	6152620	1	6.875	679502	20.0
3-Penten-2-one,...	4.475	7.8	ng	264967	1	6.875	679502	20.0
2-Pentanone, 4-...	5.087	6.0	ng	203696	1	6.875	679502	20.0

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	11/14/24	
Project:	CTO WE13		Date Received:	11/14/24	
Client Sample ID:	RW5-SP303-20241114		SDG No.:	P4868	
Lab Sample ID:	P4868-03		Matrix:	Water	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20	
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
BF140494.D	1	11/16/24 08:15	11/20/24 12:15	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	4.00	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	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
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.50	2.50	2.50	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
78-59-1	Isophorone	4.00	U	1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	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
105-60-2	Caprolactam	8.00	U	1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	UQ	5.00	8.00	10.0	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
92-52-4	1,1-Biphenyl	4.00	U	0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.93	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24
Project:	CTO WE13	Date Received:	11/14/24
Client Sample ID:	RW5-SP303-20241114	SDG No.:	P4868
Lab Sample ID:	P4868-03	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140494.D	1	11/16/24 08:15	11/20/24 12:15	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.98	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.89	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	1.10	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	1.30	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.94	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	1.10	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24
Project:	CTO WE13	Date Received:	11/14/24
Client Sample ID:	RW5-SP303-20241114	SDG No.:	P4868
Lab Sample ID:	P4868-03	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140494.D	1	11/16/24 08:15	11/20/24 12:15	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	65.9		19 - 119		44%	SPK: 150
13127-88-3	Phenol-d6	38.4		10 - 130		26%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		44 - 120		104%	SPK: 100
321-60-8	2-Fluorobiphenyl	110		44 - 119		110%	SPK: 100
118-79-6	2,4,6-Tribromophenol	167		43 - 140		111%	SPK: 150
1718-51-0	Terphenyl-d14	108		50 - 134		108%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.875				
1146-65-2	Naphthalene-d8	422000	8.151				
15067-26-2	Acenaphthene-d10	217000	9.904				
1517-22-2	Phenanthrene-d10	429000	11.398				
1719-03-5	Chrysene-d12	253000	14.051				
1520-96-3	Perylene-d12	113000	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	87.0	J			2.13	ug/L
000141-79-7	3-Penten-2-one, 4-methyl-	30.1	A			4.47	ug/L
000541-05-9	Cyclotrisiloxane, hexamethyl-	2.00	J			4.74	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.30	AB			5.09	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	11/14/24
Project:	CTO WE13		Date Received:	11/14/24
Client Sample ID:	RW5-SP303-20241114		SDG No.:	P4868
Lab Sample ID:	P4868-03		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20
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
BF140494.D	1	11/16/24 08:15	11/20/24 12:15	PB165039

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\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

Quant Time: Nov 20 12:41:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	111180	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	421980	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	217249	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	429469	20.000	ng	0.00
76) Chrysene-d12	14.051	240	252845	20.000	ng	0.00
86) Perylene-d12	15.563	264	112601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	428854	65.859	ng	0.01
7) Phenol-d6	6.510	99	339169	38.444	ng	0.00
23) Nitrobenzene-d5	7.434	82	841107	103.853	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	360683	166.954	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1487661	110.080	ng	0.00
79) Terphenyl-d14	12.986	244	1579140	108.409	ng	0.00

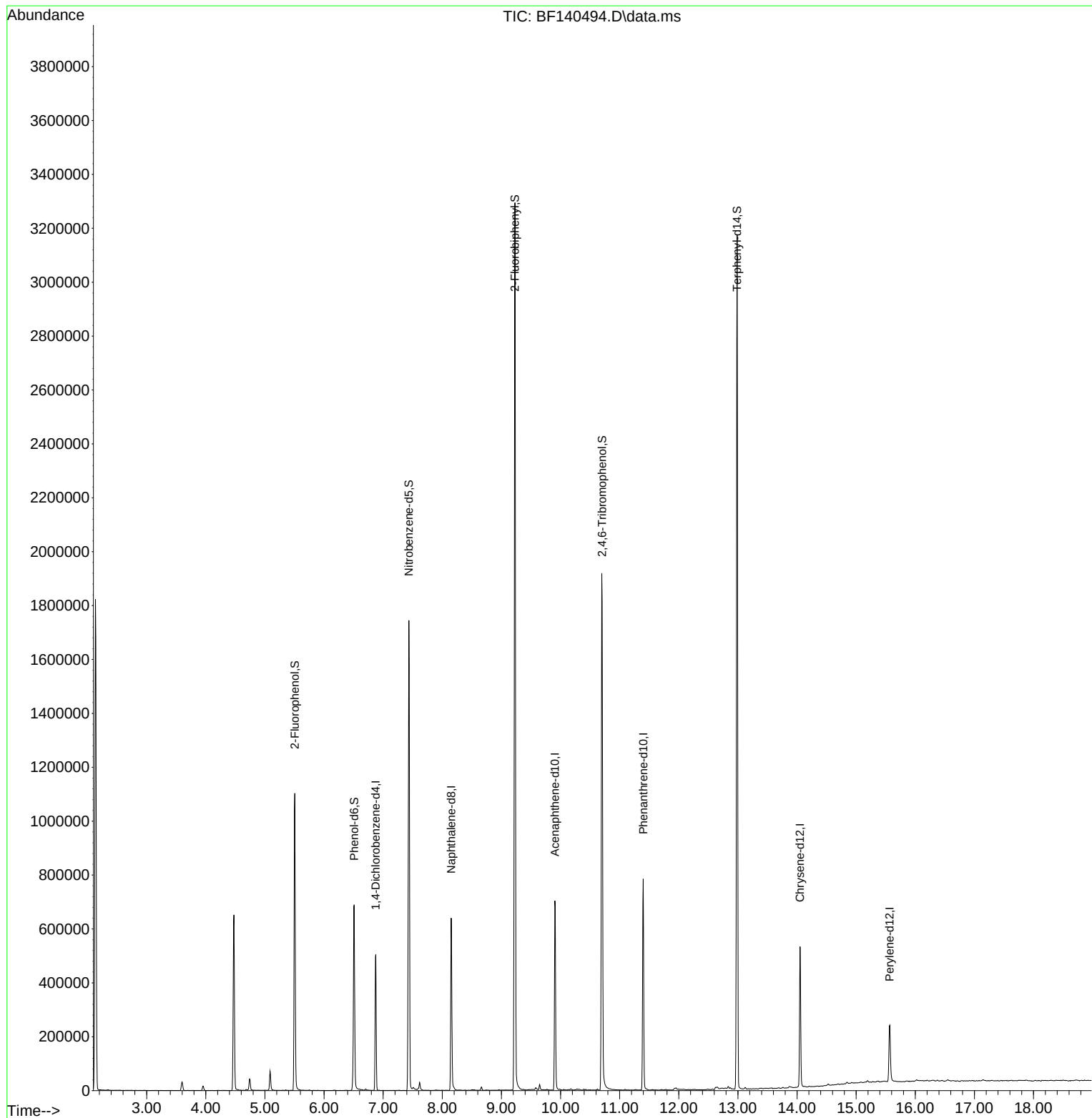
Target Compounds	Qvalue

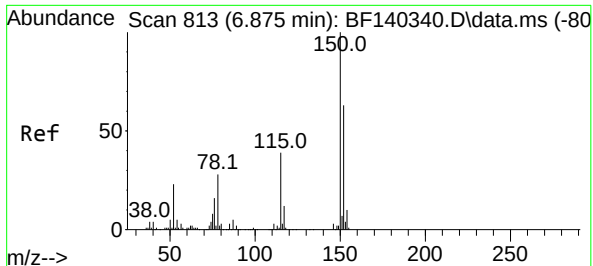
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

Quant Time: Nov 20 12:41:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

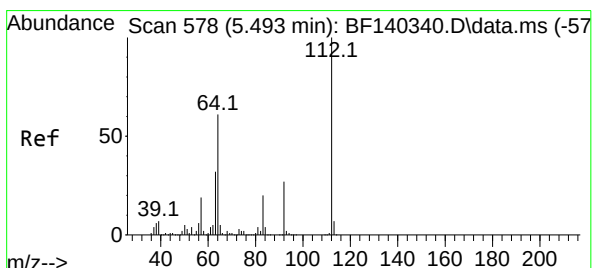
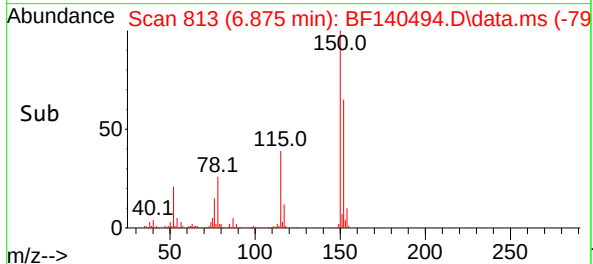
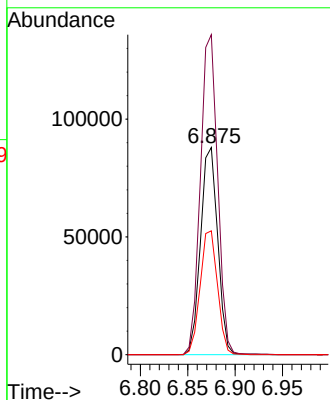
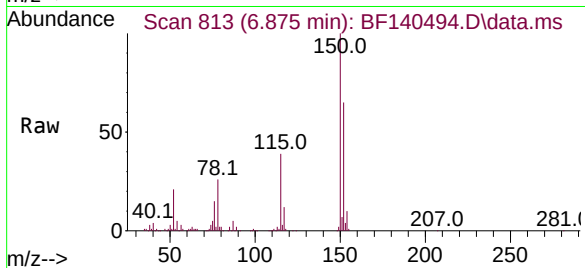




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

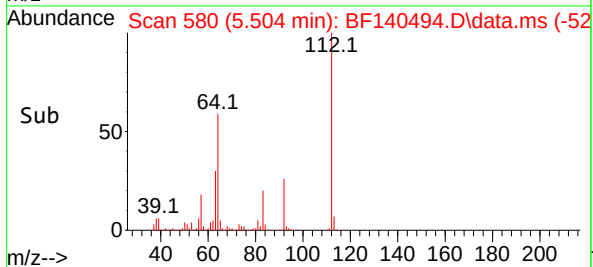
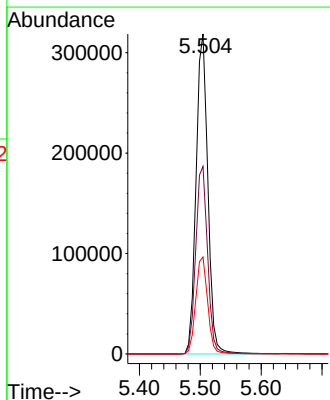
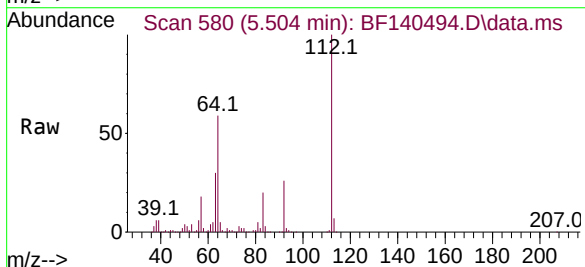
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

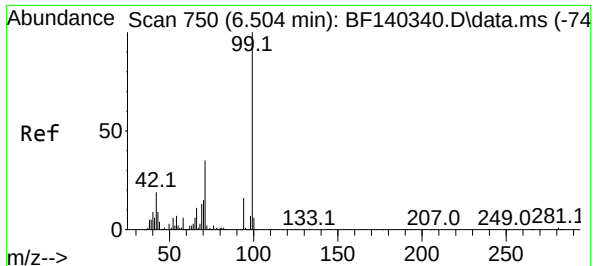
Tgt Ion:152 Resp: 111180
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.7 47.4 71.2



#5
2-Fluorophenol
Concen: 65.859 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion:112 Resp: 428854
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 30.3 25.6 38.4

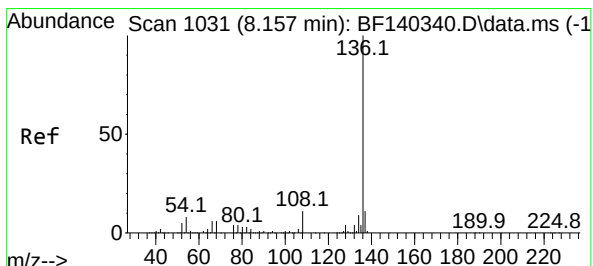
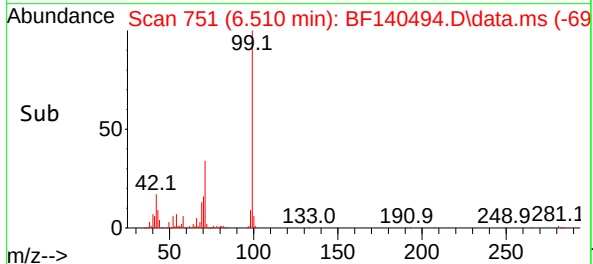
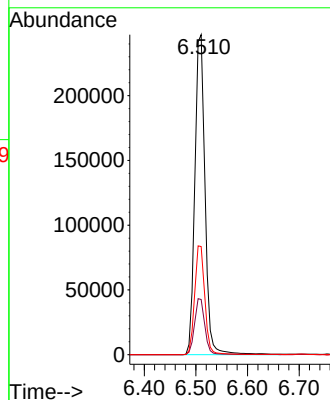
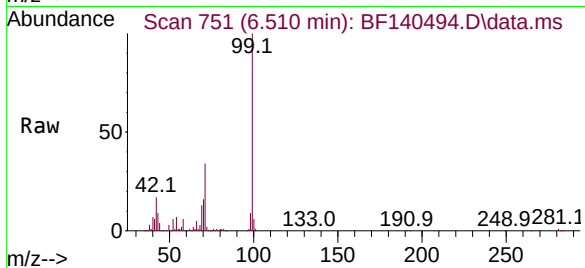




#7
Phenol-d6
Concen: 38.444 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

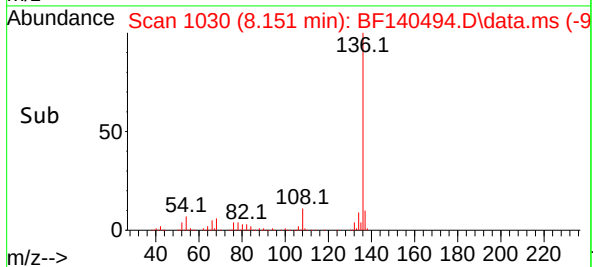
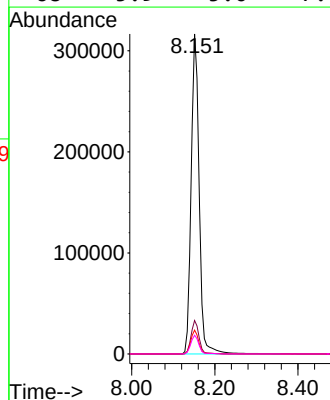
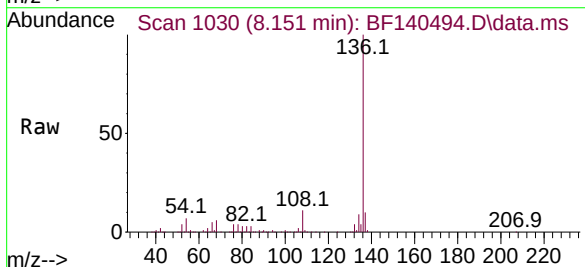
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

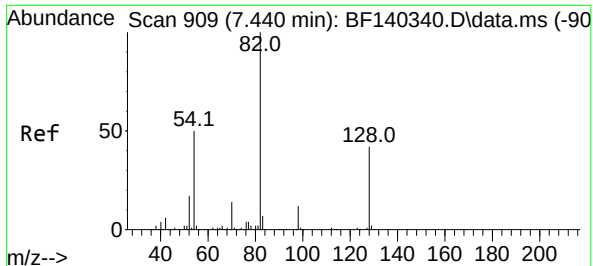
Tgt Ion: 99 Resp: 339169
Ion Ratio Lower Upper
99 100
42 17.2 15.1 22.7
71 33.8 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion: 136 Resp: 421980
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 7.5 6.5 9.7
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 103.853 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114

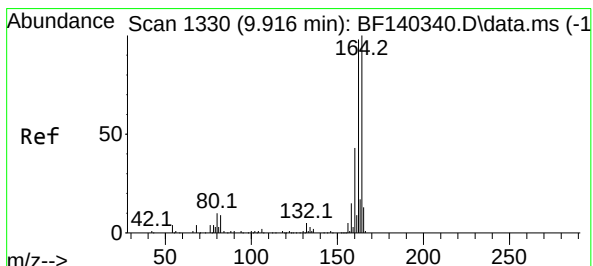
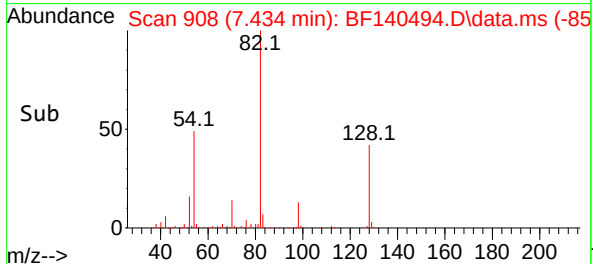
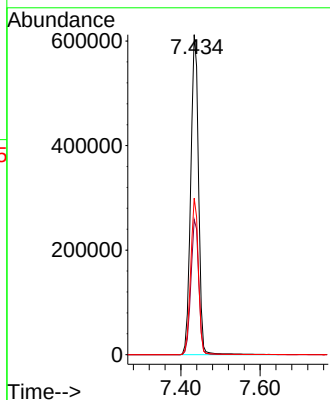
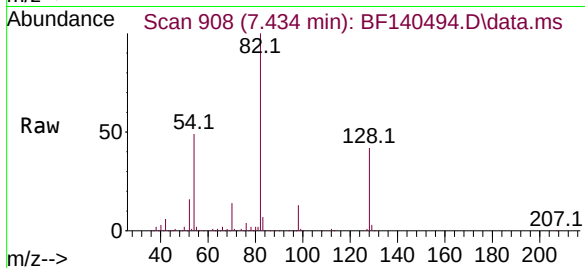
Tgt Ion: 82 Resp: 841107

Ion Ratio Lower Upper

82 100

128 42.2 33.3 49.9

54 48.9 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

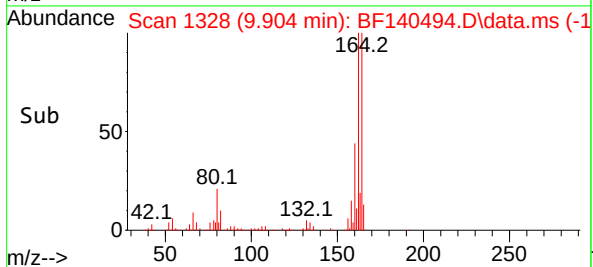
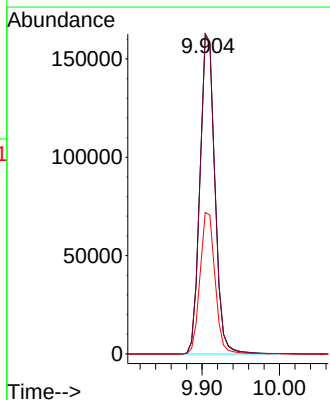
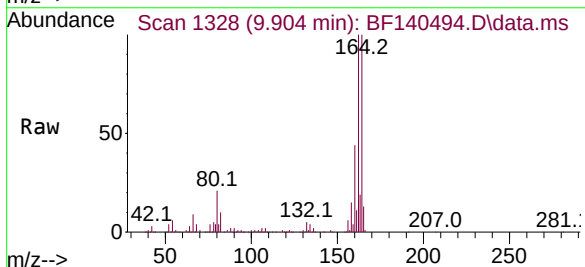
Tgt Ion: 164 Resp: 217249

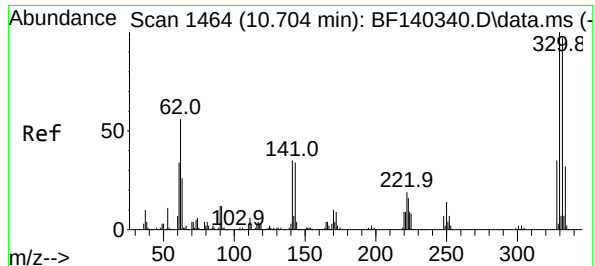
Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 166.954 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140494.D

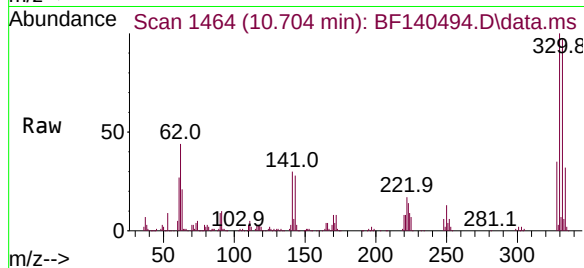
Acq: 20 Nov 2024 12:15

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114



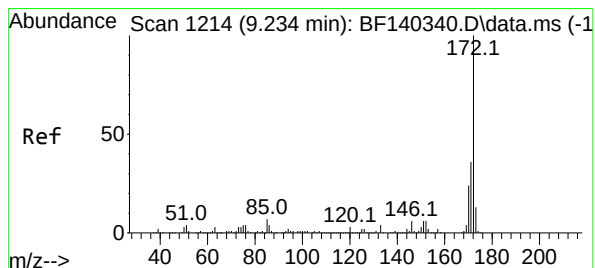
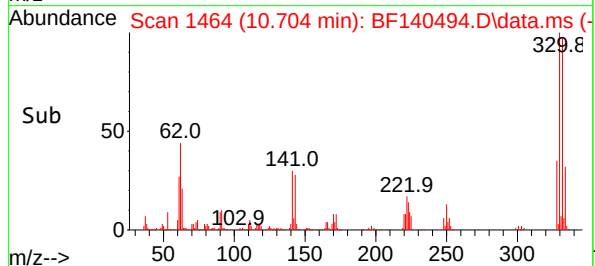
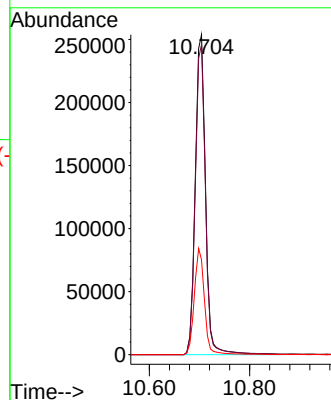
Tgt Ion:330 Resp: 360683

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 33.0 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 110.080 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

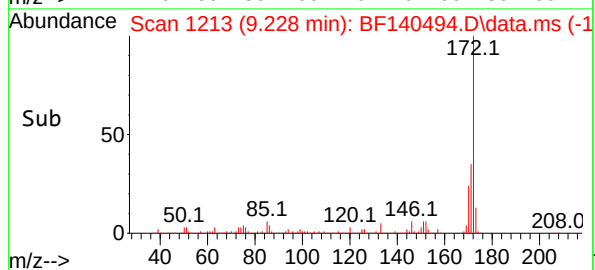
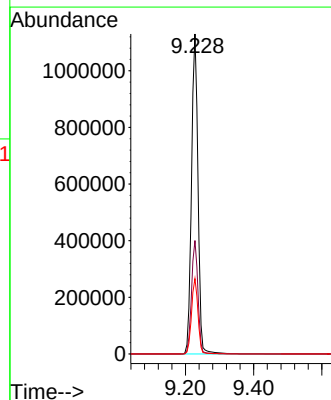
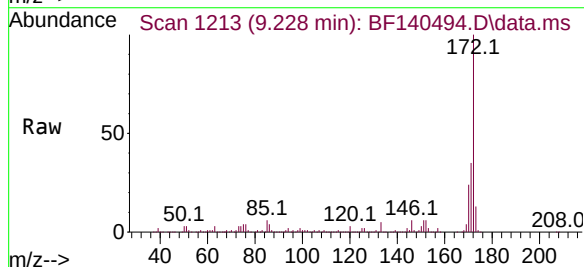
Tgt Ion:172 Resp: 1487661

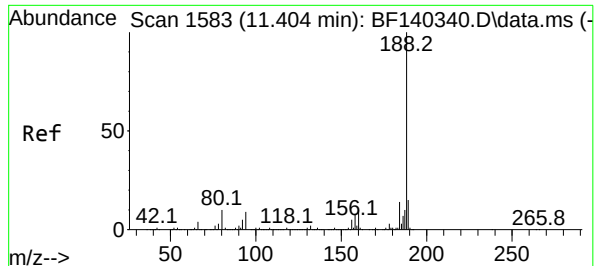
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.5 19.1 28.7

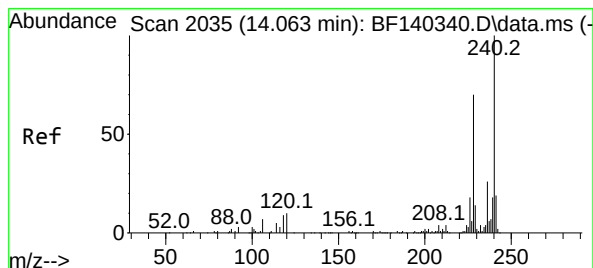
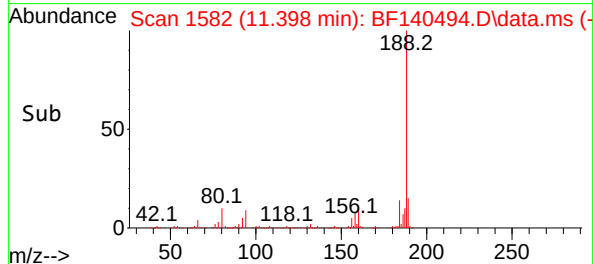
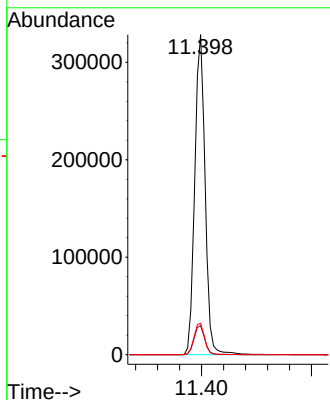
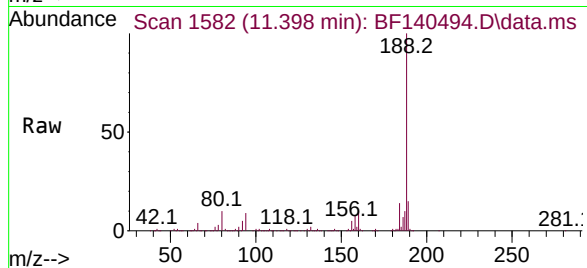




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

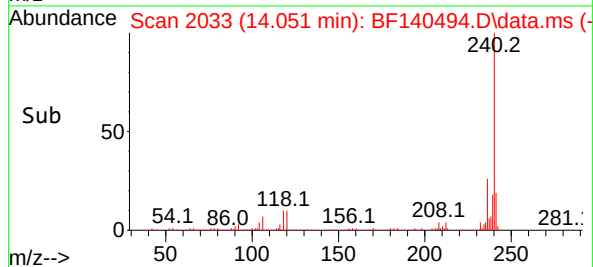
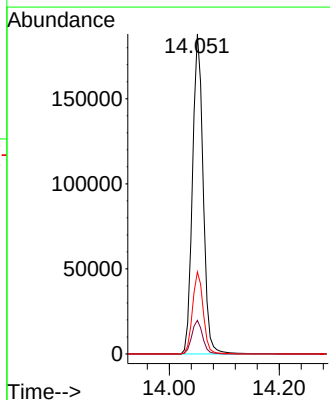
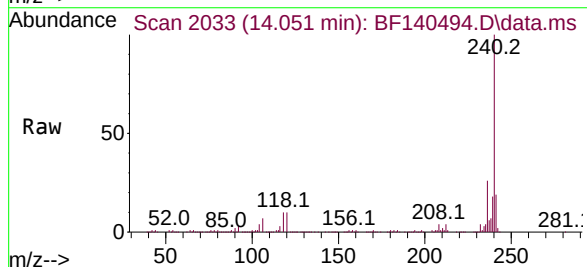
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

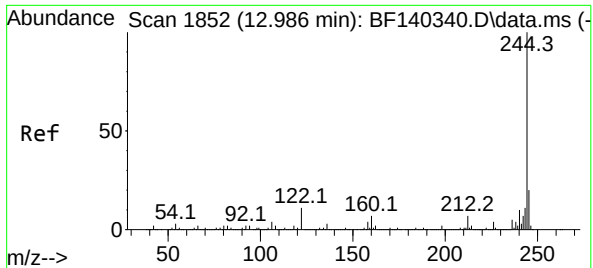
Tgt Ion:188 Resp: 429469
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

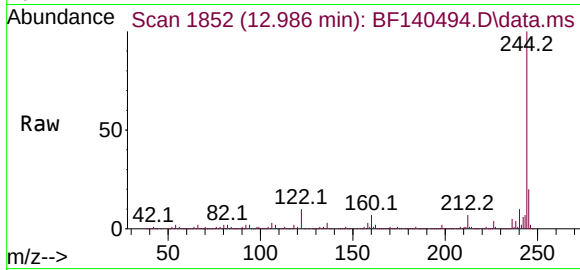
Tgt Ion:240 Resp: 252845
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.6 20.9 31.3



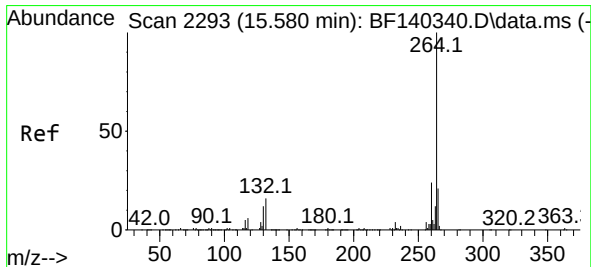
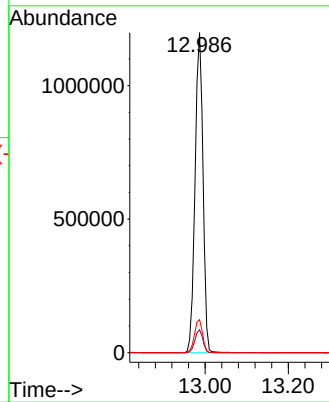
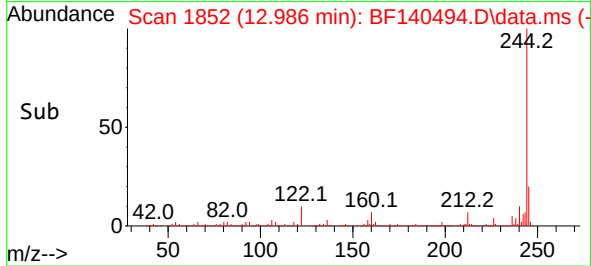


#79
 Terphenyl-d14
 Concen: 108.409 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140494.D
 Acq: 20 Nov 2024 12:15

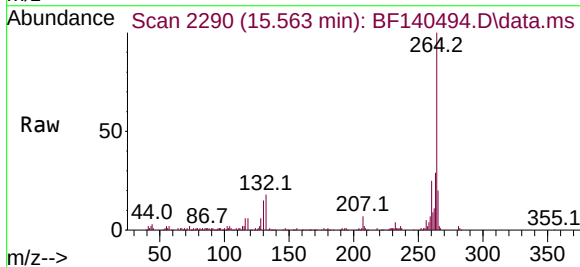
Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP303-20241114



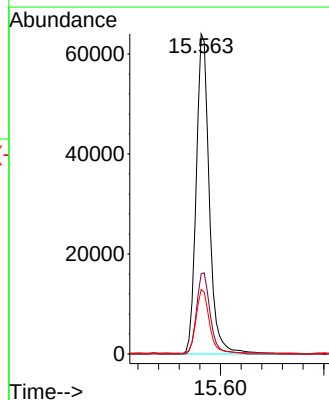
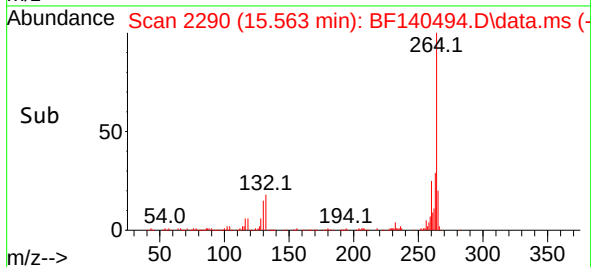
Tgt Ion:244 Resp: 1579140
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF140494.D
 Acq: 20 Nov 2024 12:15



Tgt Ion:264 Resp: 112601
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 20.1 17.1 25.7



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140494.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	17	rVB	1820686	2812812	66.08%	11.417%
2	3.599	248	256	263	rBV	31949	57693	1.36%	0.234%
3	4.475	398	405	422	rBV	651925	973531	22.87%	3.951%
4	4.740	444	450	462	rVB	42303	65969	1.55%	0.268%
5	5.087	501	509	519	rBV	70629	105711	2.48%	0.429%
6	5.504	574	580	599	rBV	1102352	1497426	35.18%	6.078%
7	6.510	743	751	763	rBV	688226	1005366	23.62%	4.081%
8	6.875	807	813	820	rBV	504896	646310	15.18%	2.623%
9	7.434	902	908	918	rBV	1744484	2374092	55.78%	9.636%
10	7.616	931	939	952	rVB	28852	53963	1.27%	0.219%
11	8.151	1025	1030	1046	rBV	638873	840370	19.74%	3.411%
12	9.228	1207	1213	1218	rBV	3292251	4256471	100.00%	17.277%
13	9.904	1323	1328	1339	rBV	702047	934741	21.96%	3.794%
14	10.698	1457	1463	1485	rBV	1916681	2742795	64.44%	11.133%
15	11.398	1576	1582	1591	rBV	782855	1017631	23.91%	4.130%
16	12.986	1846	1852	1857	rBV	3171010	4183423	98.28%	16.980%
17	14.051	2028	2033	2043	rVB	518650	692667	16.27%	2.811%
18	15.568	2285	2291	2304	rBV2	207577	376222	8.84%	1.527%

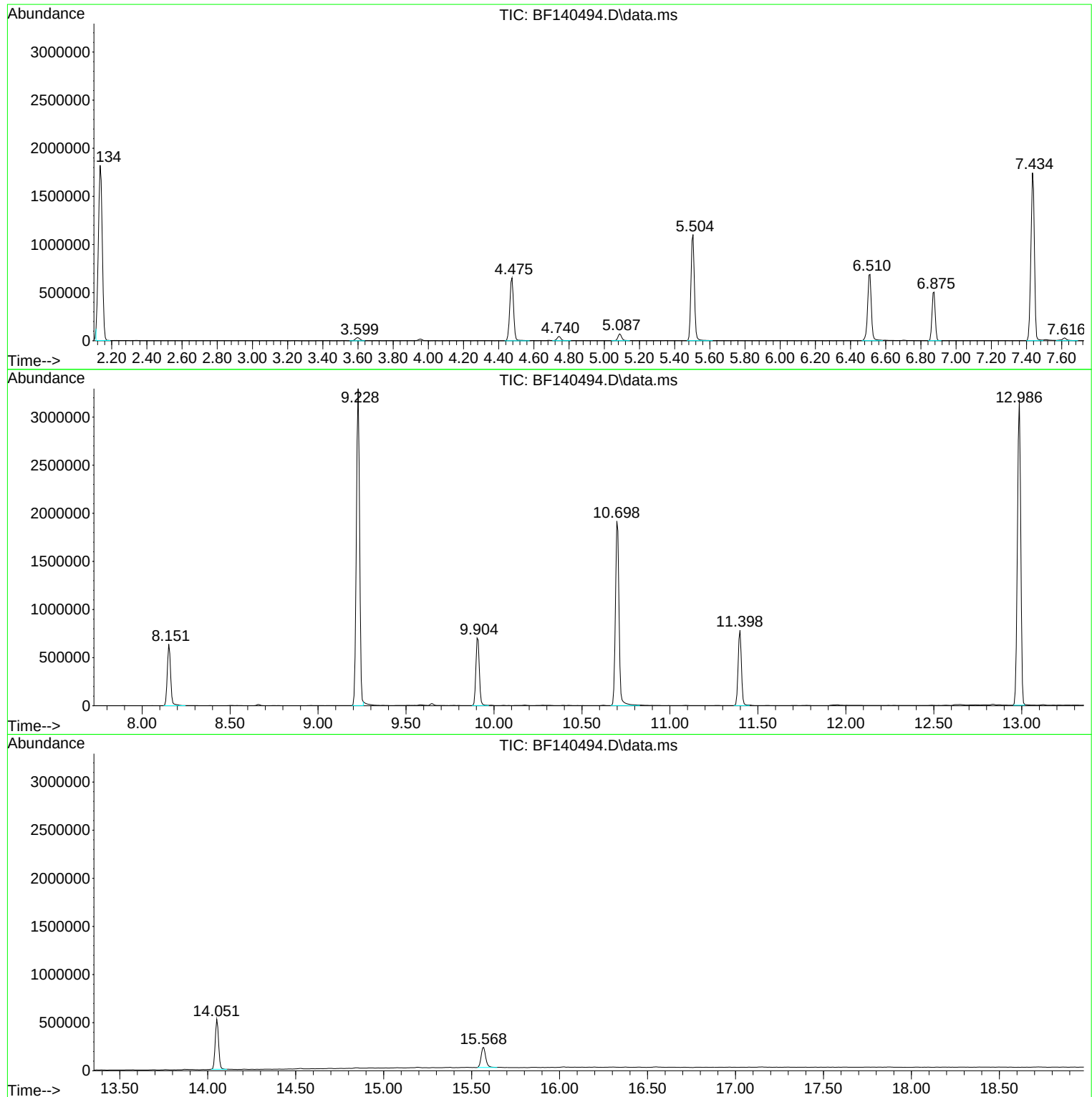
Sum of corrected areas: 24637193

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

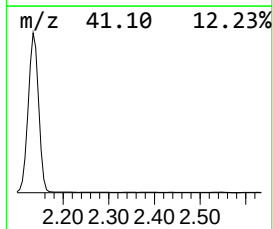
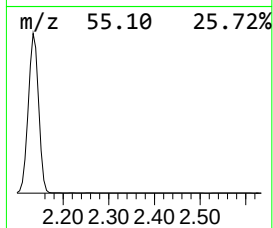
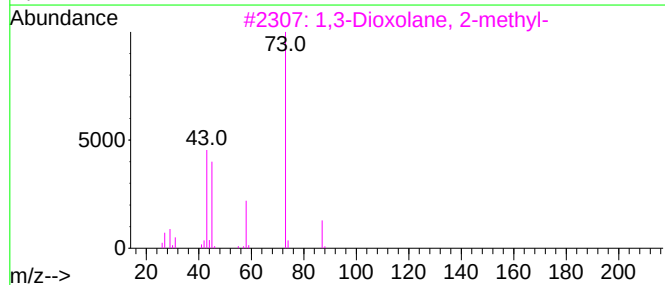
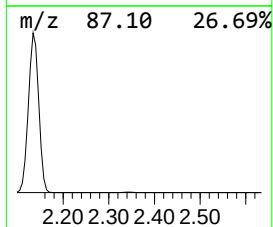
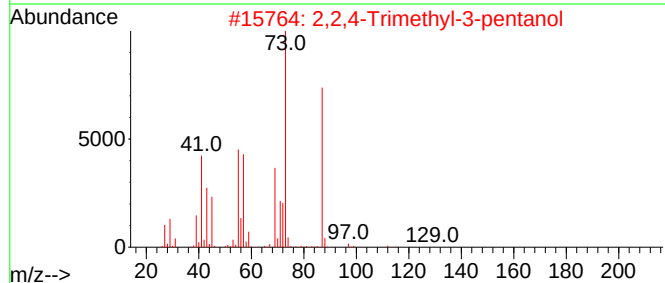
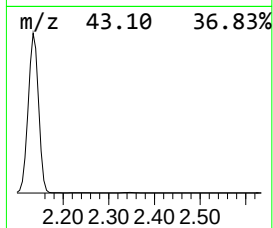
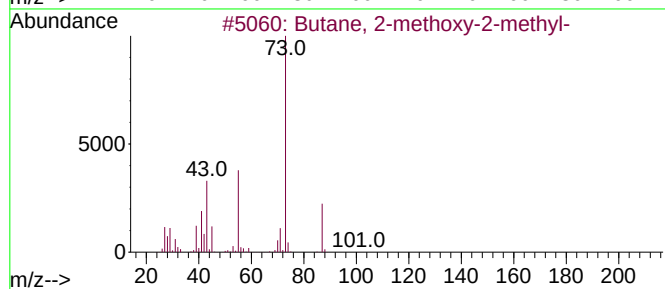
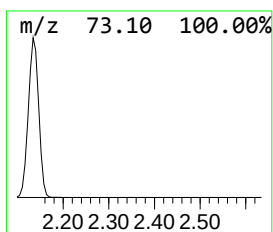
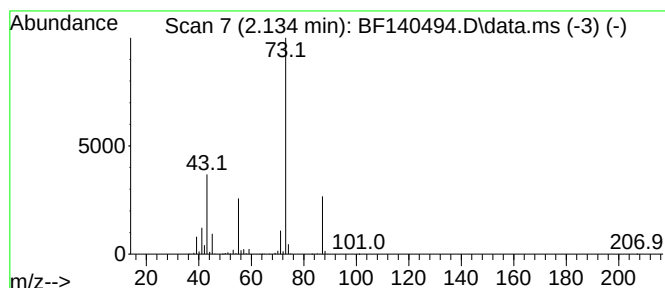
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	87.04 ng	2812810	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

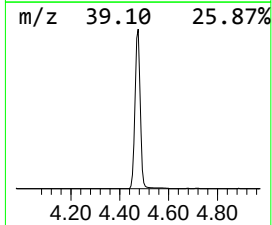
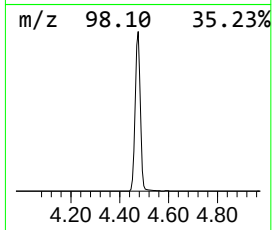
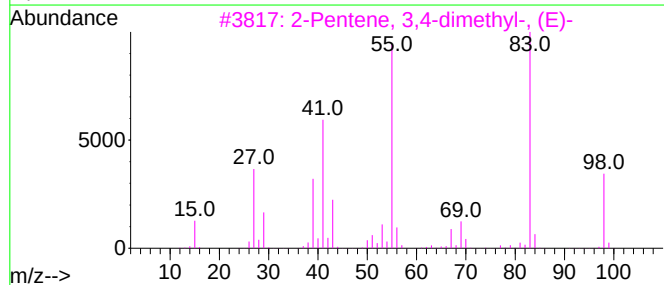
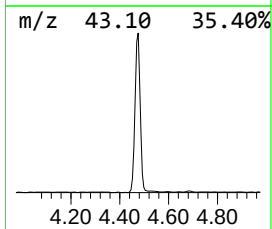
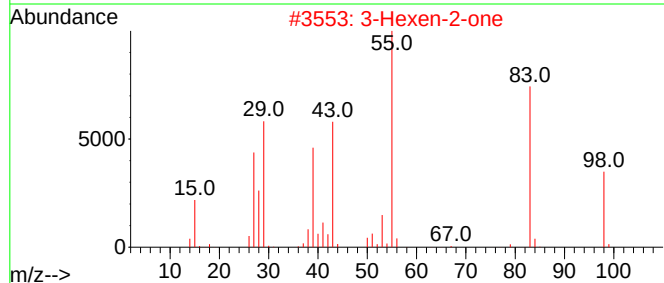
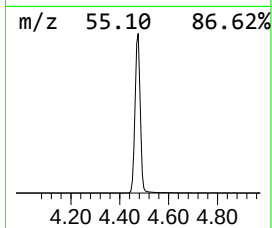
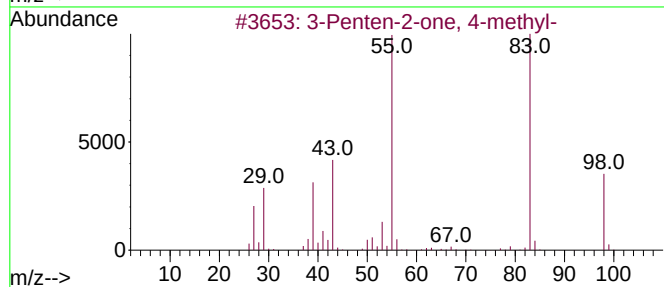
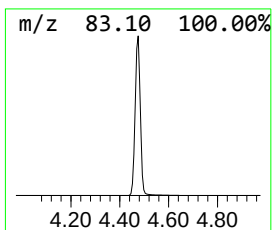
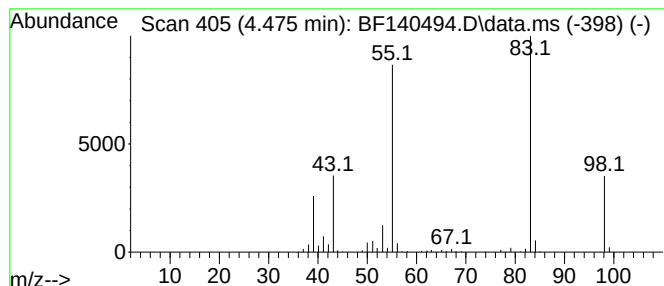
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.475	30.13 ng	973531	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

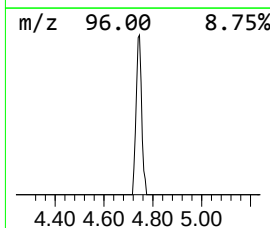
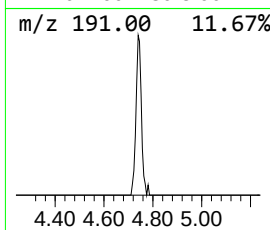
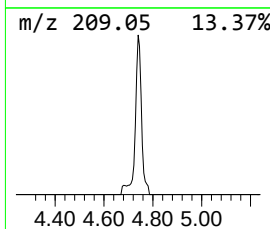
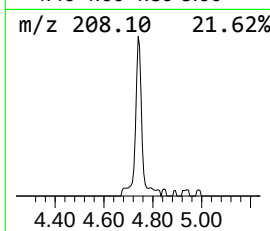
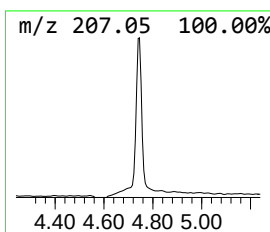
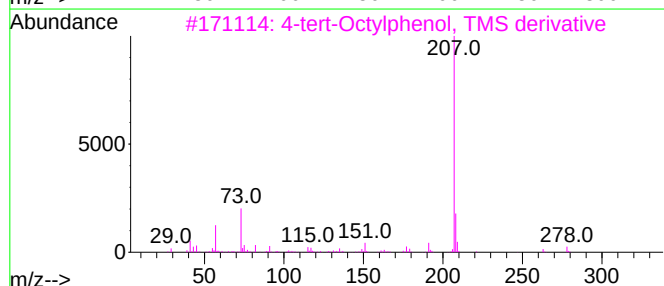
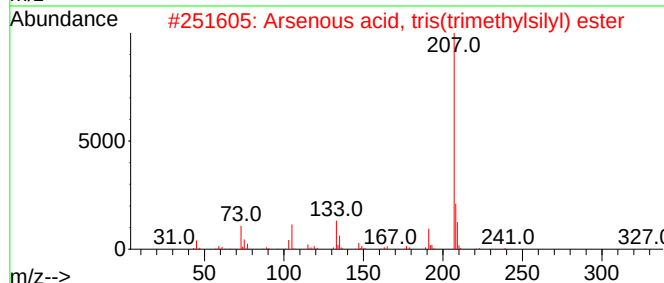
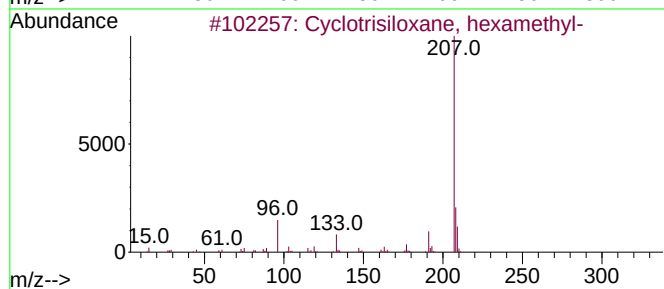
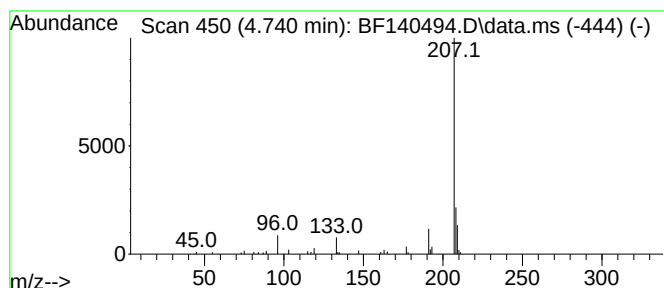
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.740	2.04 ng	65969	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2			Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	83
3			4-tert-Octylphenol, TMS derivative	278	C17H30OSi	078721-87-6	39
4			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5			1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

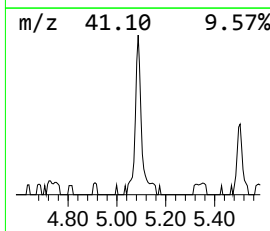
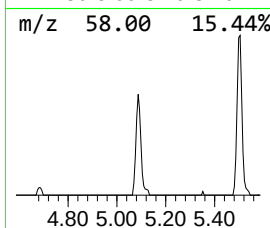
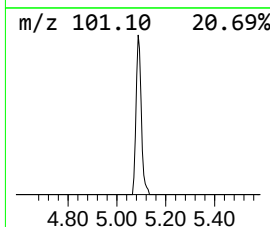
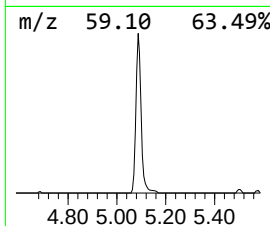
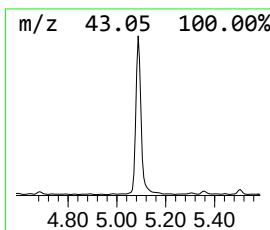
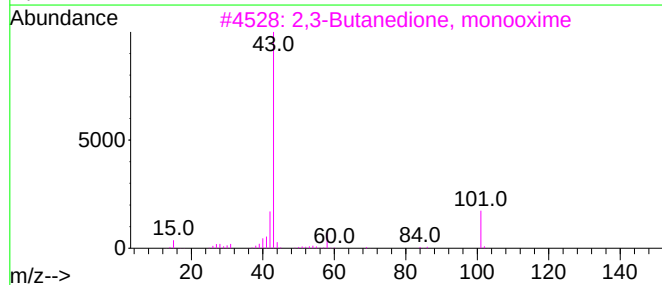
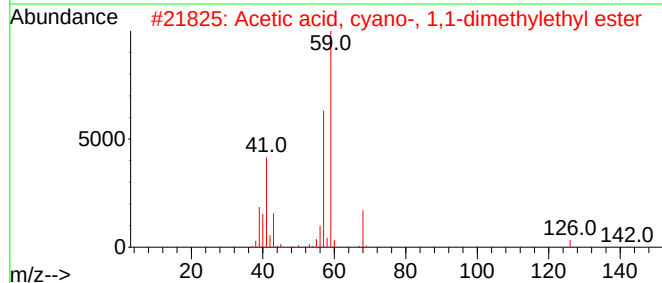
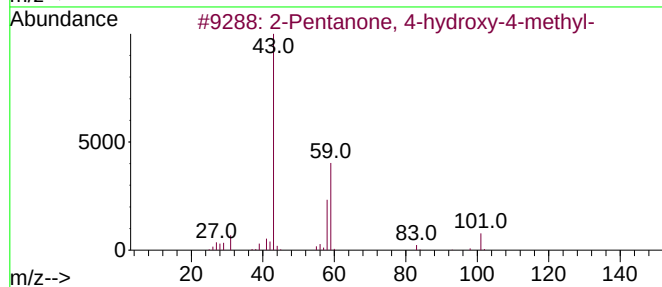
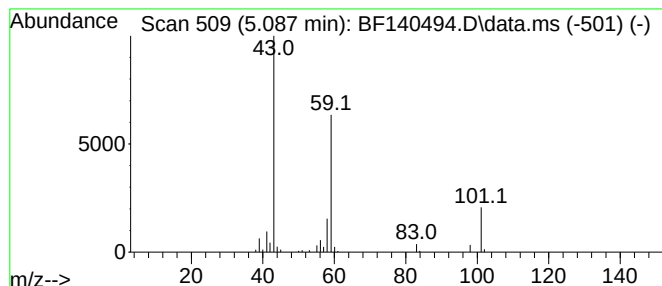
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	3.27 ng	105711	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140494.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : P4868-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.134	87.0	ng	2812810	1	6.875	646310	20.0
3-Penten-2-one,...	4.475	30.1	ng	973531	1	6.875	646310	20.0
Cyclotrisiloxan...	4.740	2.0	ng	65969	1	6.875	646310	20.0
2-Pentanone, 4-...	5.087	3.3	ng	105711	1	6.875	646310	20.0

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24
Project:	CTO WE13	Date Received:	11/14/24
Client Sample ID:	RW5-SP303-20241114RE	SDG No.:	P4868
Lab Sample ID:	P4868-03RE	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140498.D	1	11/16/24 08:15	11/20/24 14:01	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	4.00	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	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
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.50	2.50	2.50	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
78-59-1	Isophorone	4.00	U	1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	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
105-60-2	Caprolactam	8.00	U	1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	UQ	5.00	8.00	10.0	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
92-52-4	1,1-Biphenyl	4.00	U	0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.93	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24
Project:	CTO WE13	Date Received:	11/14/24
Client Sample ID:	RW5-SP303-20241114RE	SDG No.:	P4868
Lab Sample ID:	P4868-03RE	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140498.D	1	11/16/24 08:15	11/20/24 14:01	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.98	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.89	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	1.10	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	1.30	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.94	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	1.10	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	11/14/24
Project:	CTO WE13	Date Received:	11/14/24
Client Sample ID:	RW5-SP303-20241114RE	SDG No.:	P4868
Lab Sample ID:	P4868-03RE	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140498.D	1	11/16/24 08:15	11/20/24 14:01	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.79	4.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	65.8		19 - 119		44%	SPK: 150
13127-88-3	Phenol-d6	36.9		10 - 130		25%	SPK: 150
4165-60-0	Nitrobenzene-d5	106		44 - 120		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	120	*	44 - 119		120%	SPK: 100
118-79-6	2,4,6-Tribromophenol	177		43 - 140		118%	SPK: 150
1718-51-0	Terphenyl-d14	120		50 - 134		120%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	108000	6.869
1146-65-2	Naphthalene-d8	402000	8.151
15067-26-2	Acenaphthene-d10	186000	9.904
1517-22-2	Phenanthrene-d10	384000	11.398
1719-03-5	Chrysene-d12	211000	14.039
1520-96-3	Perylene-d12	81300	15.533

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\BF112024\
Data File : BF140498.D
Acq On : 20 Nov 2024 14:01
Operator : RC/JU
Sample : P4868-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114RE

Quant Time: Nov 20 14:29:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	107774	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	401651	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	185909	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	383896	20.000	ng	0.00
76) Chrysene-d12	14.039	240	211068	20.000	ng	-0.01
86) Perylene-d12	15.533	264	81264	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	415318	65.796	ng	0.00
7) Phenol-d6	6.504	99	315680	36.913	ng	0.00
23) Nitrobenzene-d5	7.434	82	813534	105.533	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	327454	177.125	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1392379	120.398	ng	0.00
79) Terphenyl-d14	12.986	244	1457190	119.837	ng	0.00

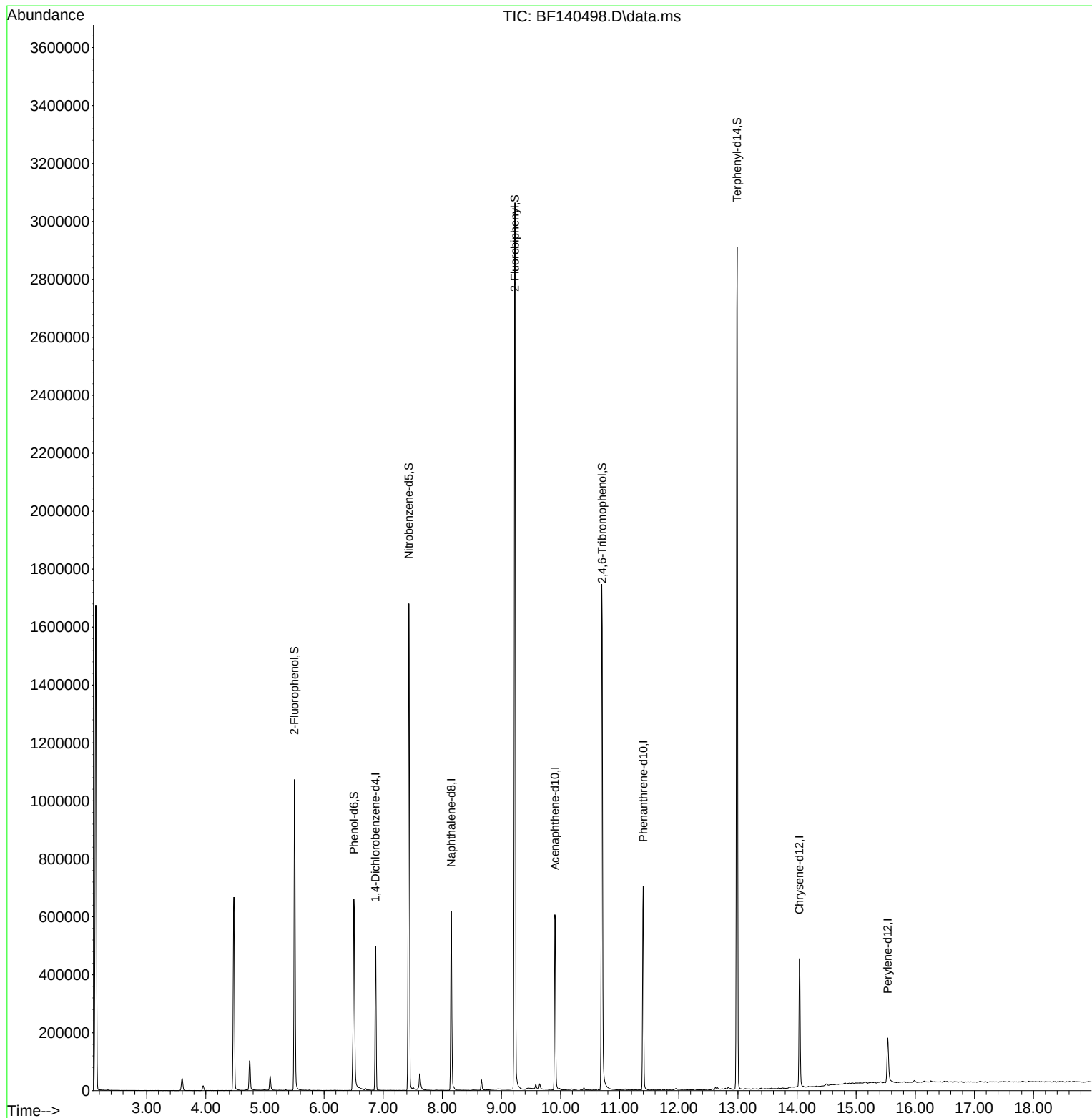
Target Compounds	Qvalue

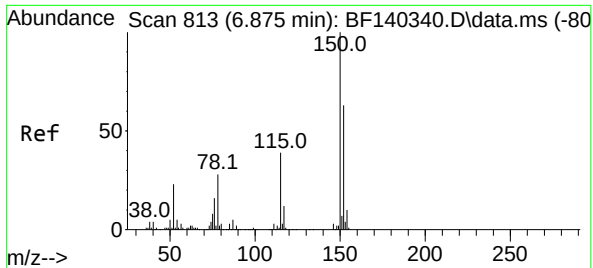
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140498.D
Acq On : 20 Nov 2024 14:01
Operator : RC/JU
Sample : P4868-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114RE

Quant Time: Nov 20 14:29:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

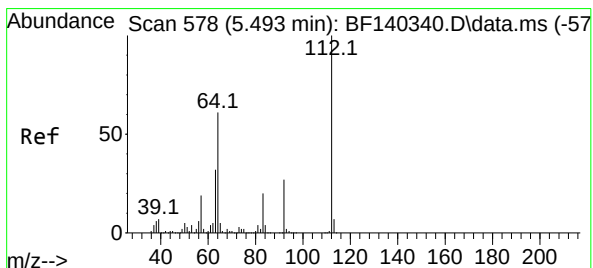
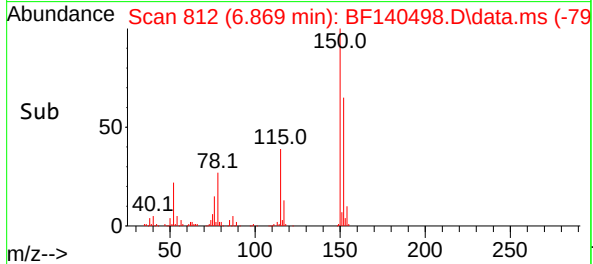
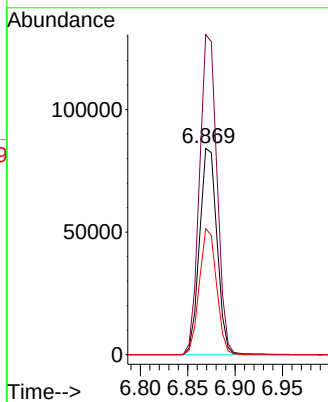
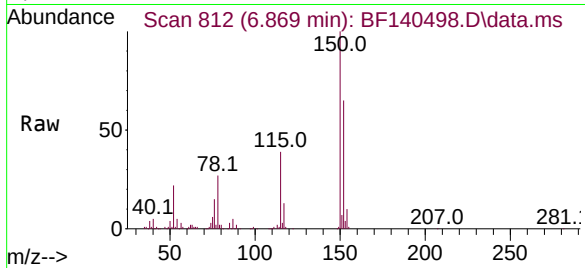




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

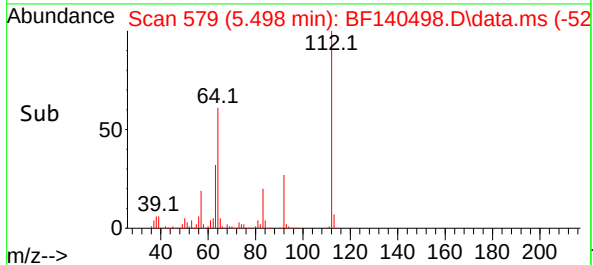
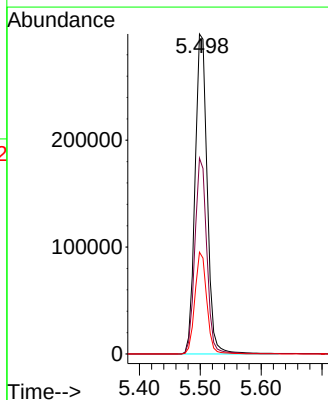
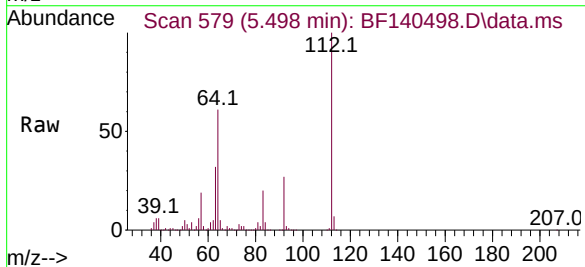
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114RE

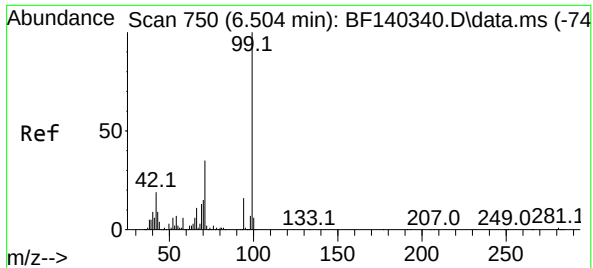
Tgt Ion:152 Resp: 107774
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 61.1 47.4 71.2



#5
2-Fluorophenol
Concen: 65.796 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

Tgt Ion:112 Resp: 415318
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 31.8 25.6 38.4

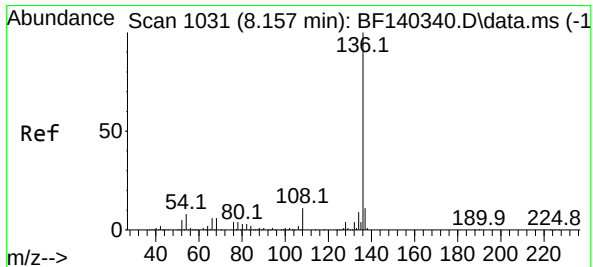
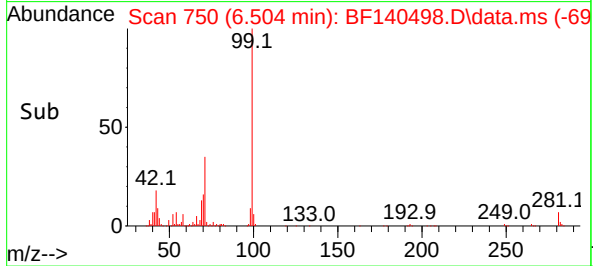
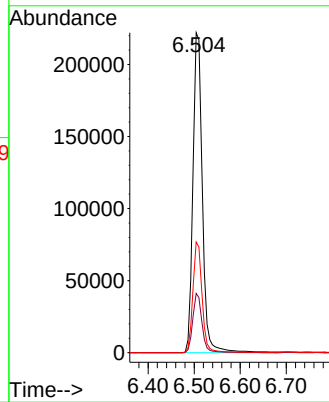
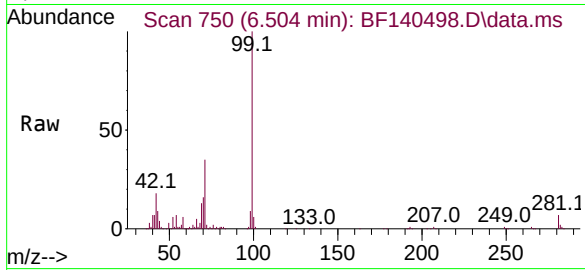




#7
Phenol-d6
Concen: 36.913 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

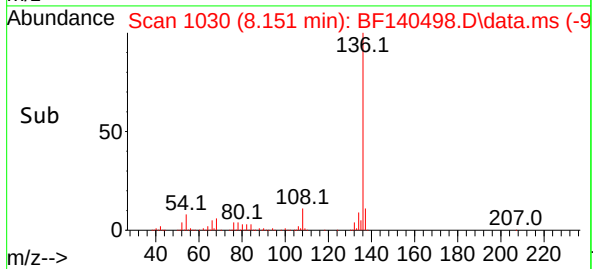
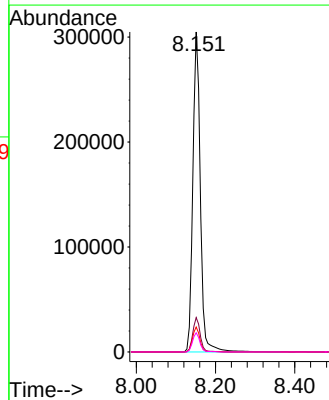
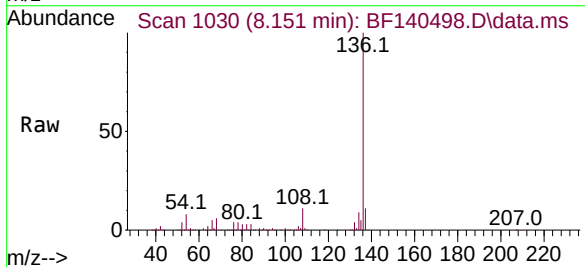
Instrument :
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ClientSampleId :
RW5-SP303-20241114RE

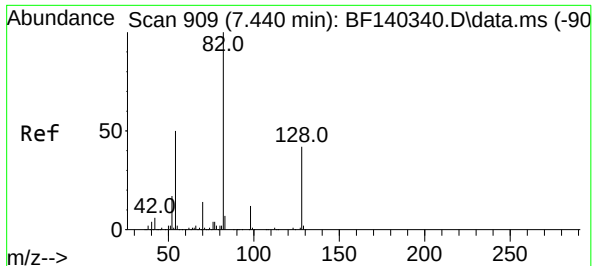
Tgt Ion: 99 Resp: 315680
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 34.6 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140498.D
Acq: 20 Nov 2024 14:01

Tgt Ion: 136 Resp: 401651
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.8 6.5 9.7
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 105.533 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140498.D

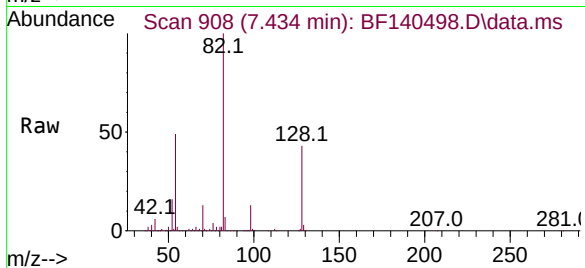
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Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114RE



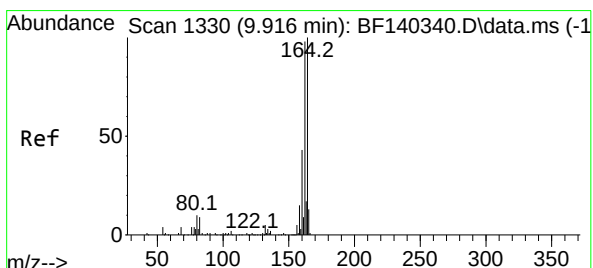
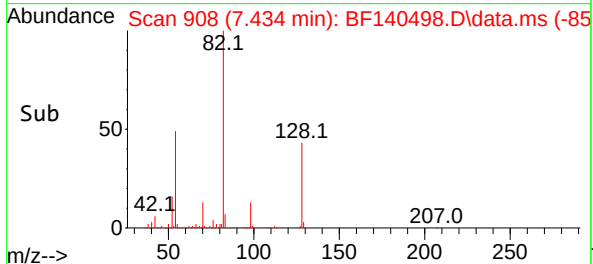
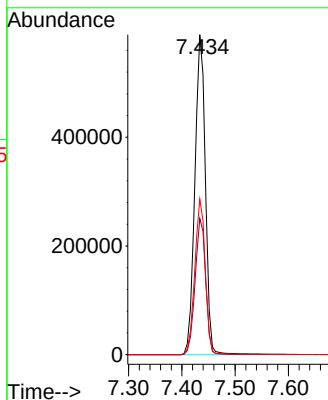
Tgt Ion: 82 Resp: 813534

Ion Ratio Lower Upper

82 100

128 42.6 33.3 49.9

54 48.6 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140498.D

Acq: 20 Nov 2024 14:01

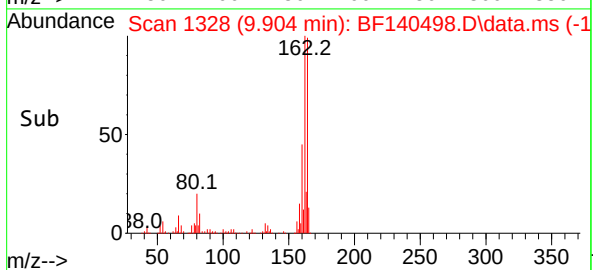
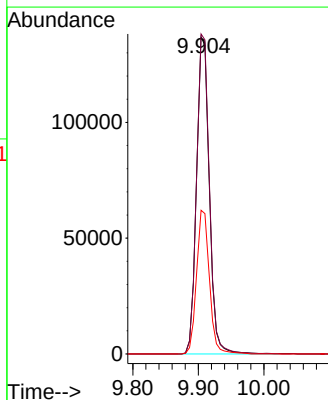
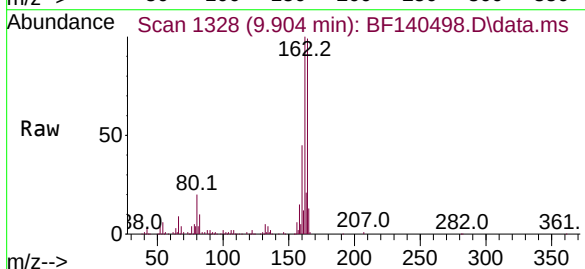
Tgt Ion: 164 Resp: 185909

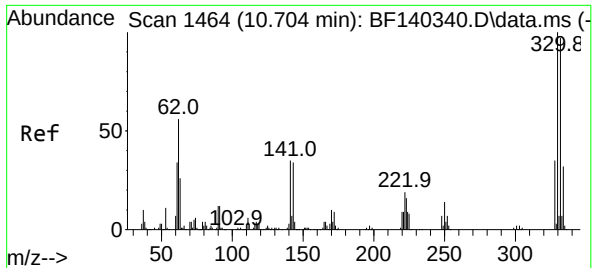
Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 177.125 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140498.D

Acq: 20 Nov 2024 14:01

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114RE

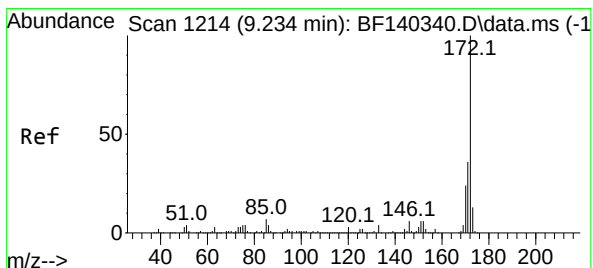
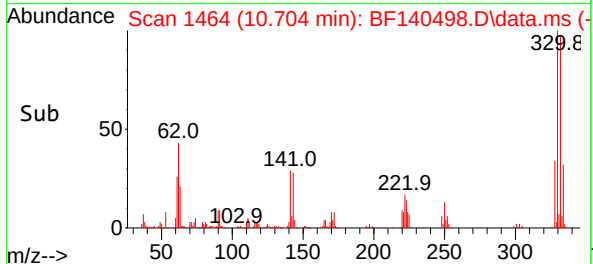
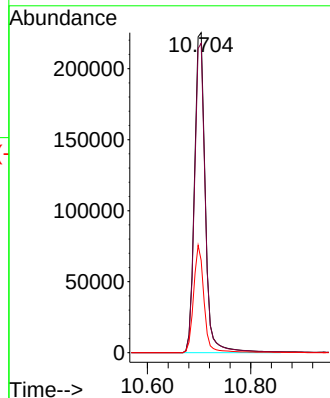
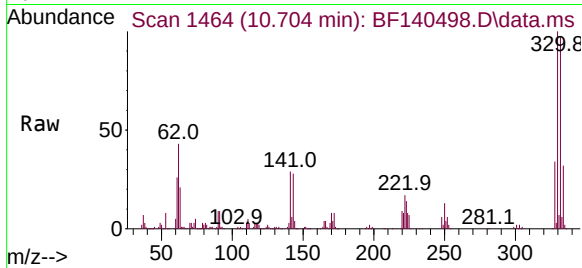
Tgt Ion:330 Resp: 327454

Ion Ratio Lower Upper

330 100

332 96.7 75.9 113.9

141 32.5 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 120.398 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140498.D

Acq: 20 Nov 2024 14:01

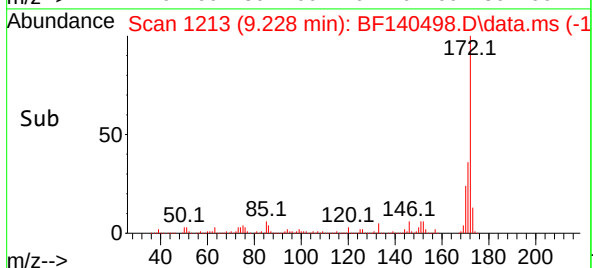
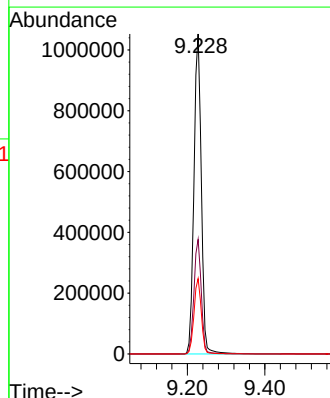
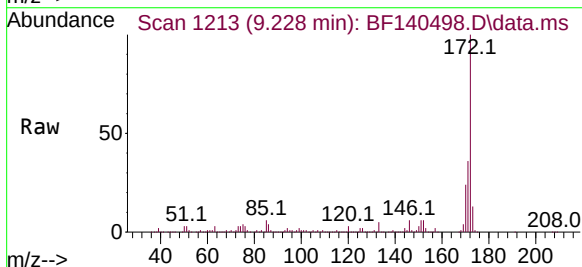
Tgt Ion:172 Resp: 1392379

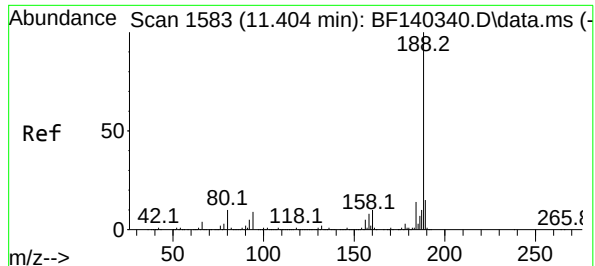
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140498.D

Acq: 20 Nov 2024 14:01

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114RE

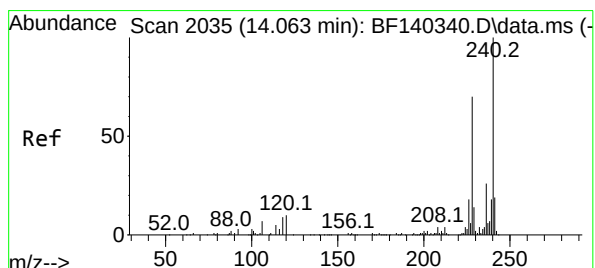
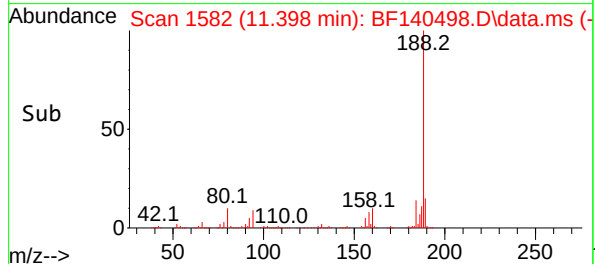
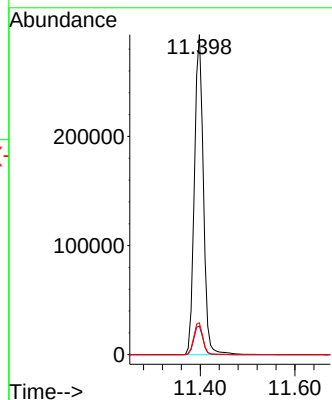
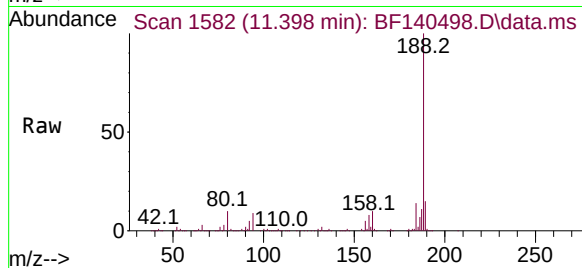
Tgt Ion:188 Resp: 383896

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.9 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140498.D

Acq: 20 Nov 2024 14:01

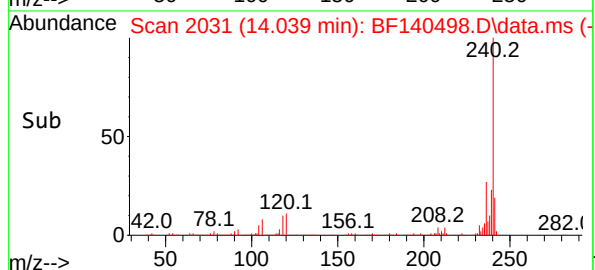
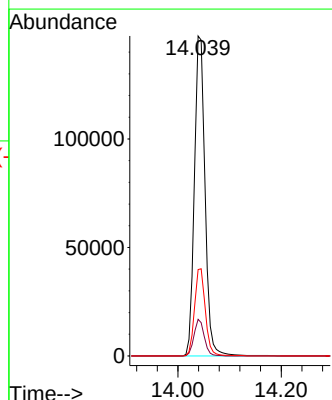
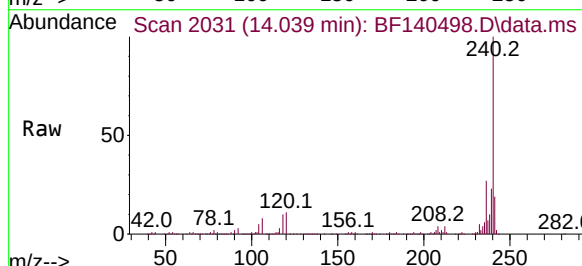
Tgt Ion:240 Resp: 211068

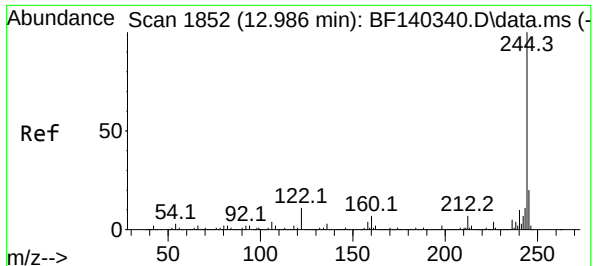
Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

236 27.0 20.9 31.3





#79

Terphenyl-d14

Concen: 119.837 ng

RT: 12.986 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140498.D

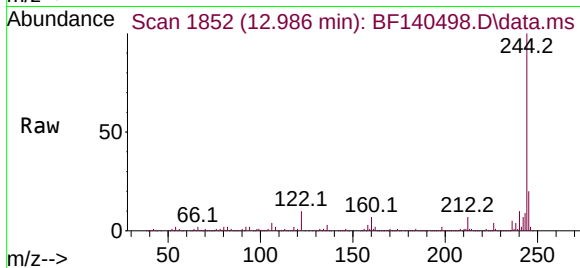
Acq: 20 Nov 2024 14:01

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114RE



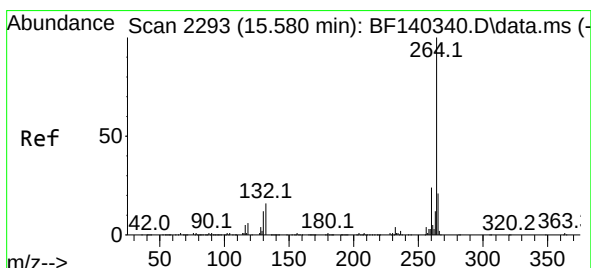
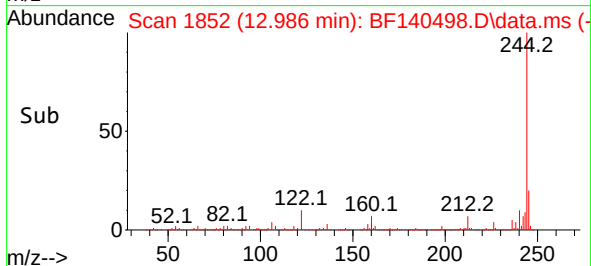
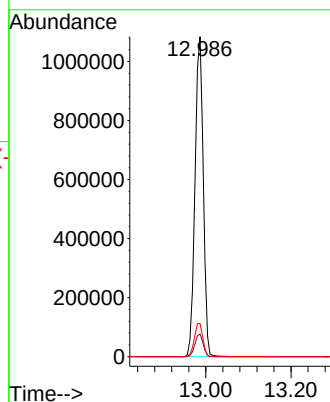
Tgt Ion:244 Resp: 1457190

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.024 min

Lab File: BF140498.D

Acq: 20 Nov 2024 14:01

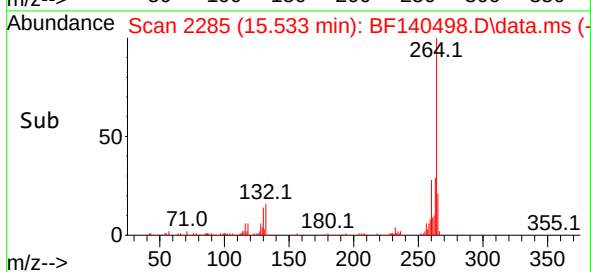
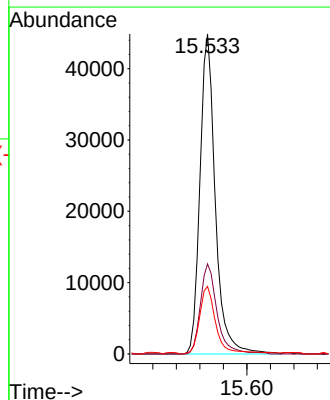
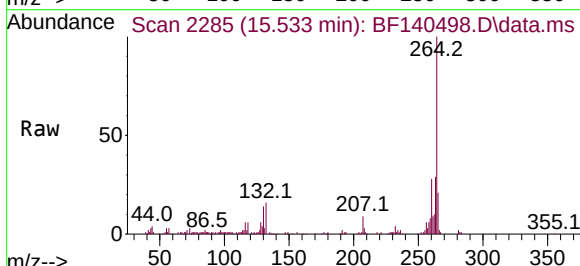
Tgt Ion:264 Resp: 81264

Ion Ratio Lower Upper

264 100

260 28.1 19.2 28.8

265 21.1 17.1 25.7





CALIBRATION SUMMARY

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 13 14:40:06 2024
Response Via : Initial Calibration

Calibration Files

2.5 =BF140332.D 5 =BF140333.D 10 =BF140334.D 20 =BF140335.D 40 =BF140340.D 50 =BF140337.D 60 =BF140338.D 80 =BF140339.D

Compound		2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.582	0.546	0.530	0.515	0.495	0.506	0.480	0.522	6.53	
3)	Pyridine	1.430	1.343	1.323	1.316	1.189	1.237	1.147	1.283	7.61	
4)	n-Nitrosodimet...	0.658	0.632	0.651	0.659	0.644	0.671	0.627	0.649	2.39	
5) S	2-Fluorophenol	1.329	1.257	1.223	1.150	1.090	1.118	1.032	1.171	8.84	
6)	Aniline	1.587	1.527	1.495	1.451	1.267	1.270	1.066	1.381	13.42	
7) S	Phenol-d6	1.773	1.691	1.643	1.605	1.483	1.507	1.407	1.587	8.09	
8)	2-Chlorophenol	1.397	1.349	1.332	1.263	1.176	1.184	1.106	1.258	8.49	
9)	Benzaldehyde	1.101	1.087	1.017	0.891	0.828	0.783	0.951	14.32		
10) C	Phenol	1.799	1.793	1.743	1.724	1.582	1.597	1.478	1.674	7.31	
11)	bis(2-Chloroet...	1.359	1.294	1.306	1.263	1.227	1.249	1.179	1.268	4.60	
12)	1,3-Dichlorobe...	1.585	1.475	1.454	1.374	1.291	1.317	1.221	1.388	8.98	
13) C	1,4-Dichlorobe...	1.590	1.534	1.486	1.391	1.306	1.326	1.221	1.408	9.49	
14)	1,2-Dichlorobe...	1.494	1.429	1.398	1.294	1.212	1.214	1.108	1.307	10.63	
15)	Benzyl Alcohol	1.172	1.193	1.199	1.211	1.100	1.108	1.020	1.143	6.10	
16)	2,2'-oxybis(1-...	1.906	1.826	1.815	1.816	1.666	1.684	1.549	1.752	7.01	
17)	2-Methylphenol	1.092	1.062	1.072	1.064	0.998	1.016	0.942	1.035	5.07	
18)	Hexachloroethane	0.562	0.543	0.550	0.514	0.500	0.506	0.468	0.520	6.30	
19) P	n-Nitroso-di-n...	1.032	1.029	1.003	0.986	0.982	0.883	0.905	0.848	0.959	7.30
20)	3+4-Methylphenols	1.436	1.427	1.359	1.351	1.200	1.198	1.091	1.294	10.21	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.532	0.508	0.481	0.450	0.434	0.441	0.411	0.465	9.35	
23) S	Nitrobenzene-d5	0.411	0.401	0.399	0.375	0.368	0.379	0.354	0.384	5.28	
24)	Nitrobenzene	0.423	0.421	0.406	0.393	0.390	0.394	0.371	0.400	4.61	
25)	Isophorone	0.736	0.702	0.692	0.674	0.654	0.671	0.634	0.680	4.87	
26) C	2-Nitrophenol	0.175	0.179	0.181	0.179	0.175	0.181	0.171	0.177	1.99	
27)	2,4-Dimethylph...	0.238	0.236	0.232	0.223	0.221	0.227	0.214	0.227	3.86	
28)	bis(2-Chloroet...	0.461	0.442	0.430	0.407	0.398	0.404	0.379	0.417	6.80	
29) C	2,4-Dichloroph...	0.307	0.296	0.287	0.275	0.272	0.272	0.255	0.281	6.20	
30)	1,2,4-Trichlor...	0.346	0.331	0.325	0.302	0.298	0.301	0.283	0.312	7.15	
31)	Naphthalene	1.160	1.105	1.064	0.982	0.950	0.955	0.886	1.015	9.60	
32)	Benzoic acid	0.162	0.178	0.180	0.212	0.215	0.226	0.226	0.200	13.01	
33)	4-Chloroaniline	0.390	0.386	0.370	0.340	0.333	0.340	0.311	0.353	8.36	
34) C	Hexachlorobuta...	0.220	0.214	0.210	0.193	0.188	0.190	0.178	0.199	7.73	
35)	Caprolactam	0.098	0.093	0.094	0.092	0.091	0.095	0.089	0.093	3.27	
36) C	4-Chloro-3-met...	0.331	0.327	0.320	0.309	0.299	0.304	0.287	0.311	5.14	
37)	2-Methylnaphth...	0.751	0.706	0.683	0.632	0.610	0.607	0.565	0.651	10.01	
38)	1-Methylnaphth...	0.734	0.696	0.673	0.625	0.589	0.592	0.550	0.637	10.39	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF111324.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.646	0.585	0.583	0.531	0.524	0.517	0.485	0.553	9.85	
41) P	Hexachlorocycl...	0.111	0.143	0.139	0.156	0.159	0.145	0.142	12.04		
42) S	2,4,6-Tribromo...	0.220	0.211	0.207	0.193	0.191	0.189	0.182	0.199	6.88	
43) C	2,4,6-Trichlor...	0.380	0.374	0.374	0.360	0.360	0.352	0.341	0.363	3.87	
44)	2,4,5-Trichlor...	0.421	0.417	0.412	0.389	0.387	0.390	0.361	0.397	5.41	
45) S	2-Fluorobiphenyl	1.524	1.396	1.351	1.172	1.125	1.110	1.031	1.244	14.50	
46)	1,1'-Biphenyl	1.690	1.571	1.565	1.404	1.368	1.343	1.244	1.455	10.80	
47)	2-Chloronaphth...	1.279	1.182	1.149	1.065	1.064	1.049	0.971	1.108	9.20	
48)	2-Nitroaniline	0.378	0.365	0.384	0.364	0.365	0.366	0.351	0.368	2.91	
49)	Acenaphthylene	1.940	1.802	1.786	1.636	1.582	1.552	1.441	1.677	10.29	
50)	Dimethylphthalate	1.464	1.358	1.371	1.261	1.246	1.244	1.181	1.304	7.47	
51)	2,6-Dinitrotol...	0.317	0.303	0.313	0.297	0.291	0.289	0.268	0.297	5.57	
52) C	Acenaphthene	1.259	1.204	1.192	1.096	1.091	1.079	1.006	1.133	7.78	
53)	3-Nitroaniline	0.333	0.327	0.335	0.310	0.307	0.298	0.275	0.312	6.92	
54) P	2,4-Dinitrophenol	0.109	0.148	0.147	0.178	0.170	0.168	0.153	16.27		
55)	Dibenzofuran	1.904	1.736	1.715	1.558	1.502	1.466	1.344	1.603	11.92	
56) P	4-Nitrophenol	0.199	0.217	0.239	0.236	0.240	0.237	0.225	0.228	6.67	
57)	2,4-Dinitrotol...	0.414	0.400	0.417	0.387	0.387	0.382	0.351	0.391	5.77	
58)	Fluorene	1.525	1.403	1.365	1.202	1.168	1.137	1.066	1.267	13.14	
59)	2,3,4,6-Tetrac...	0.322	0.328	0.326	0.318	0.308	0.302	0.288	0.313	4.61	
60)	Diethylphthalate	1.525	1.417	1.398	1.287	1.272	1.246	1.185	1.333	8.85	
61)	4-Chlorophenyl...	0.739	0.688	0.669	0.604	0.583	0.567	0.528	0.625	12.01	
62)	4-Nitroaniline	0.335	0.325	0.328	0.319	0.316	0.313	0.297	0.319	3.86	
63)	Azobenzene	1.498	1.391	1.380	1.293	1.251	1.244	1.163	1.317	8.55	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.080	0.098	0.113	0.109	0.117	0.120	0.116	0.108	13.00	
66) c	n-Nitrosodiphe...	0.651	0.630	0.600	0.559	0.541	0.541	0.522	0.578	8.57	
67)	4-Bromophenyl-...	0.227	0.210	0.209	0.194	0.191	0.188	0.180	0.200	8.14	
68)	Hexachlorobenzene	0.251	0.242	0.232	0.218	0.209	0.215	0.208	0.225	7.54	
69)	Atrazine	0.191	0.183	0.135	0.145	0.155	0.205	0.209	0.175	17.03	
70) C	Pentachlorophenol	0.097	0.108	0.124	0.127	0.131	0.130	0.130	0.121	10.87	
71)	Phenanthrene	1.096	1.053	0.986	0.903	0.868	0.851	0.820	0.940	11.33	
72)	Anthracene	1.071	1.018	0.966	0.889	0.860	0.839	0.803	0.921	10.81	
73)	Carbazole	1.053	1.009	0.963	0.876	0.846	0.834	0.783	0.909	11.02	
74)	Di-n-butylphth...	1.214	1.177	1.150	1.074	1.036	1.023	0.964	1.091	8.37	
75) C	Fluoranthene	1.256	1.201	1.141	1.018	0.962	0.933	0.867	1.054	13.92	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.634	0.684	0.653	0.742	0.953	0.939	0.768	18.64		
78)	Pyrene	1.748	1.706	1.643	1.679	1.728	1.800	1.672	1.711	3.08	
79) S	Terphenyl-d14	1.226	1.185	1.108	1.123	1.139	1.190	1.093	1.152	4.26	
80)	Butylbenzylpht...	0.640	0.638	0.654	0.690	0.670	0.681	0.628	0.657	3.56	
81)	Benzo(a)anthra...	1.451	1.418	1.351	1.263	1.229	1.294	1.195	1.314	7.31	
82)	3,3'-Dichlorob...	0.438	0.431	0.433	0.402	0.406	0.416	0.399	0.418	3.79	
83)	Chrysene	1.394	1.241	1.235	1.168	1.137	1.123	1.099	1.199	8.44	
84)	Bis(2-ethylhex...	0.886	0.890	0.897	0.927	0.858	0.869	0.813	0.877	4.07	
85) c	Di-n-octyl pht...	1.231	1.217	1.270	1.290	1.187	1.241	1.212	1.235	2.86	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF111324.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.116	1.150	1.138	1.258	1.316	1.354	1.317	1.235	8.02
88)	Benzo(b)fluora...	1.405	1.352	1.471	1.263	1.235	1.233	1.199	1.308	7.82
89)	Benzo(k)fluora...	1.286	1.241	1.120	1.060	0.952	0.935	0.888	1.069	14.47
90) C	Benzo(a)pyrene	1.100	1.053	1.054	1.005	0.970	0.980	0.948	1.016	5.40
91)	Dibenzo(a,h)an...	0.941	0.952	0.944	1.039	1.074	1.121	1.077	1.021	7.30
92)	Benzo(g,h,i)pe...	0.941	0.963	0.954	1.063	1.122	1.146	1.120	1.044	8.55

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140332.D
Acq On : 13 Nov 2024 09:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 13 14:21:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

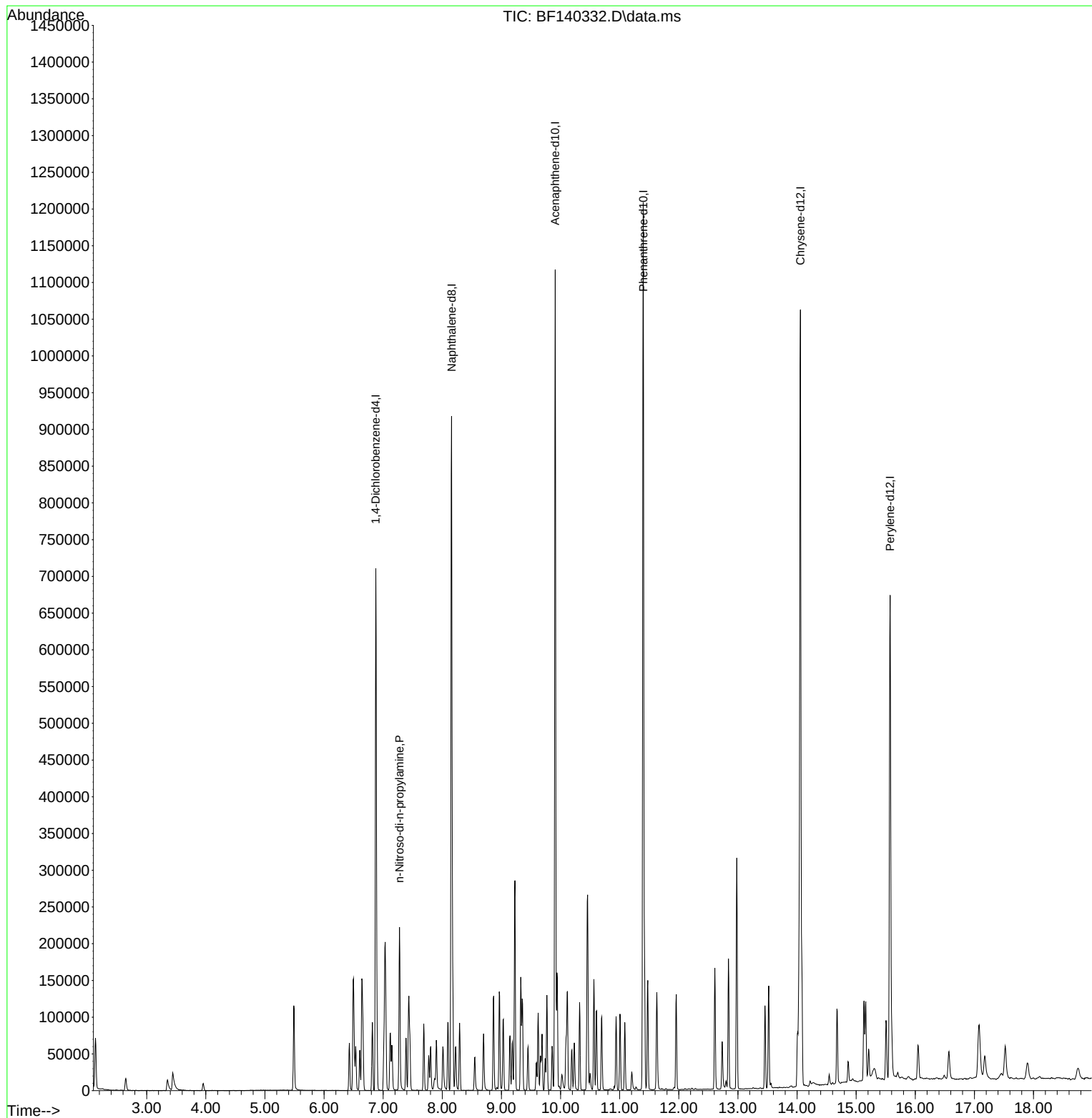
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147206	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	569357	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	324094	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	631650	20.000	ng	0.00
76) Chrysene-d12	14.057	240	473843	20.000	ng	0.00
86) Perylene-d12	15.574	264	387360	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.275	70	18995	2.692	ng	Qvalue 97

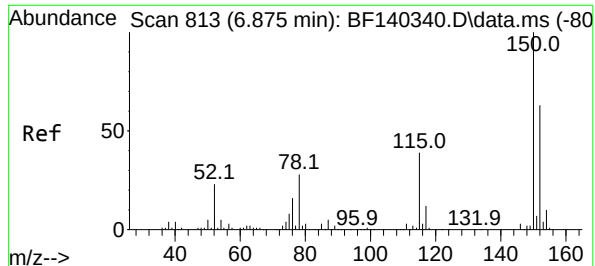
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140332.D
Acq On : 13 Nov 2024 09:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

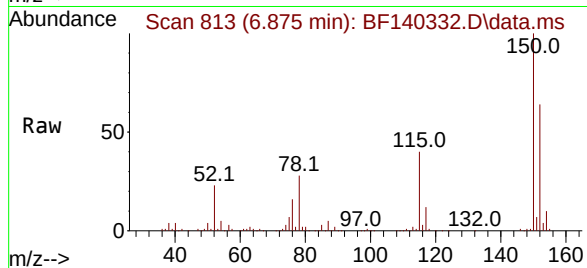
Quant Time: Nov 13 14:21:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration



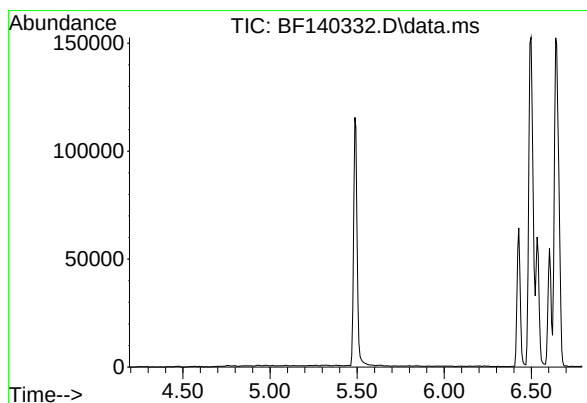
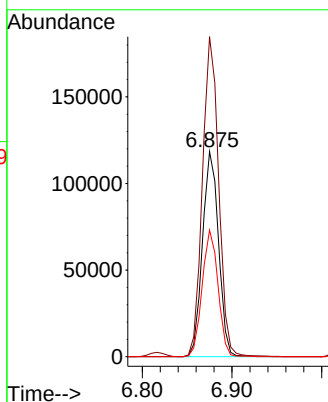
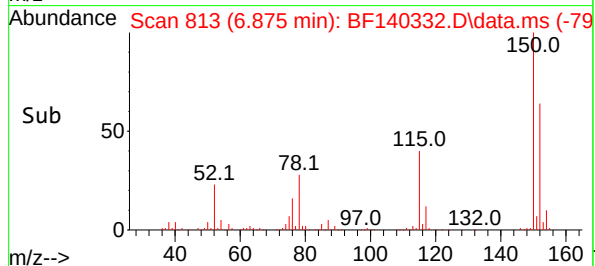


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140332.D
Acq: 13 Nov 2024 09:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



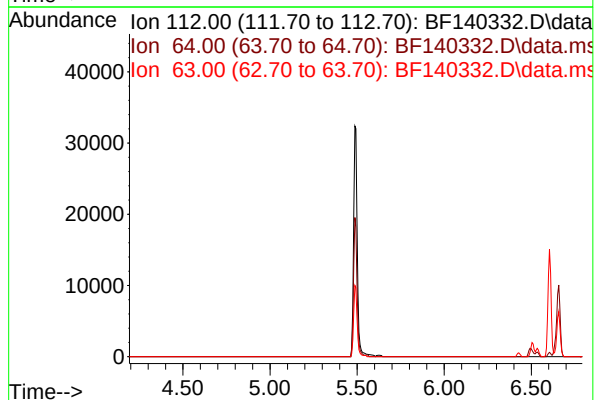
Tgt Ion:152 Resp: 147206
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 61.7 47.4 71.2



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

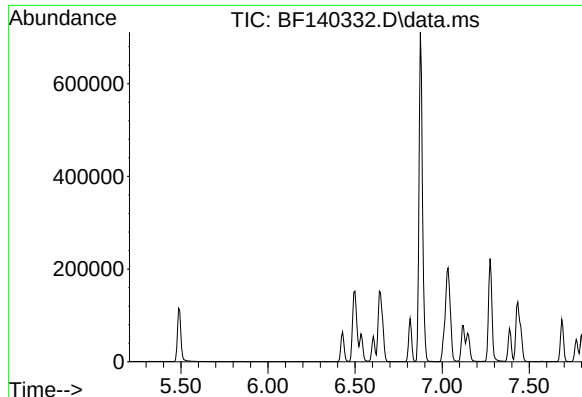
Lab File: BF140332.D
Acq: 13 Nov 2024 09:01

Tgt Ion: 112
Sig Exp Ratio
112 100
64 61.5
63 32.0



Ion 64.00 (63.70 to 64.70): BF140332.D\data.ms

Ion 63.00 (62.70 to 63.70): BF140332.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.50 min

Lab File: BF140332.D

Acq: 13 Nov 2024 09:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

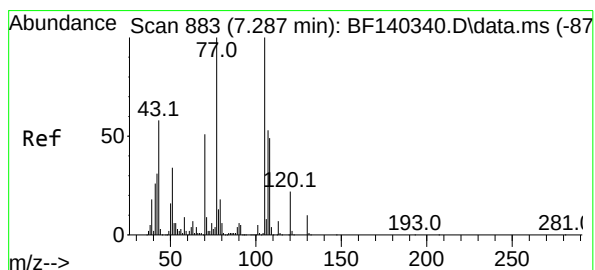
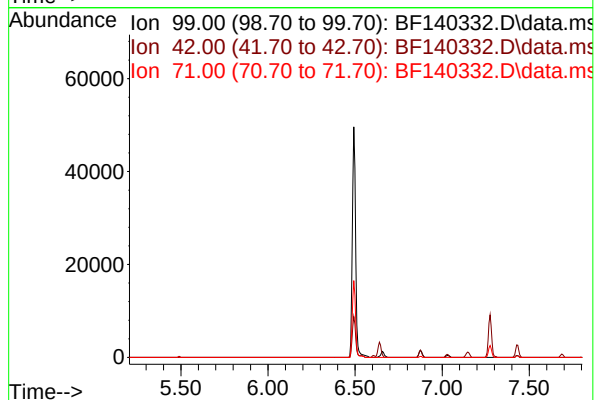
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.9

71 34.9



#19

n-Nitroso-di-n-propylamine

Concen: 2.692 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF140332.D

Acq: 13 Nov 2024 09:01

Tgt Ion: 70 Resp: 18995

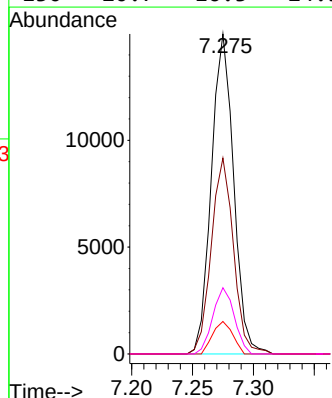
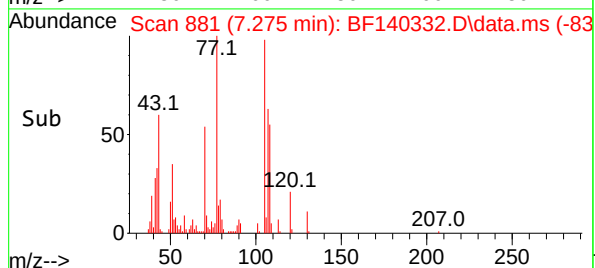
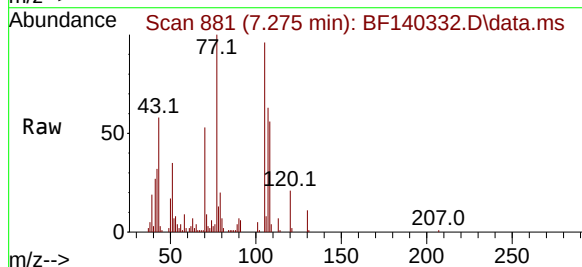
Ion Ratio Lower Upper

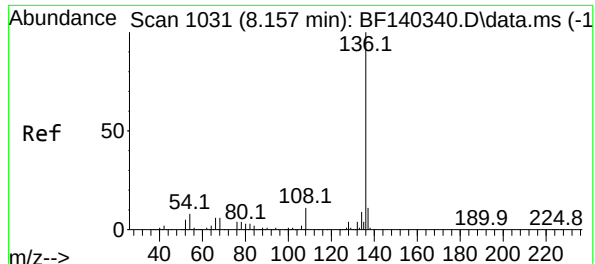
70 100

42 61.2 46.8 70.2

101 10.1 7.5 11.3

130 20.7 16.3 24.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140332.D

Acq: 13 Nov 2024 09:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 569357

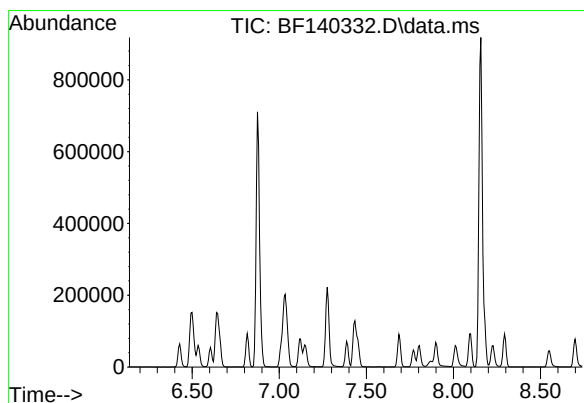
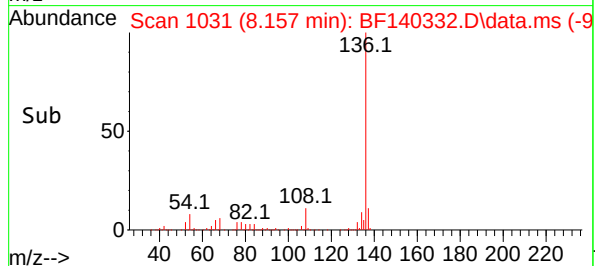
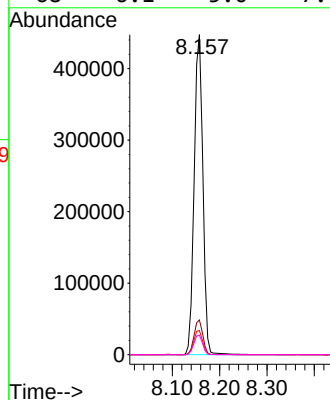
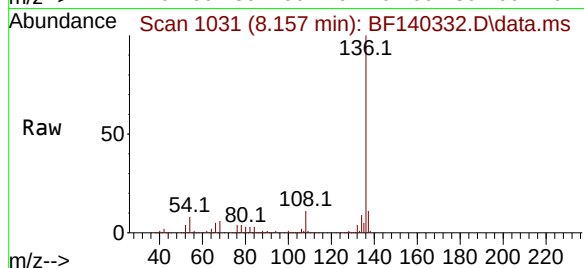
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.6 6.5 9.7

68 6.1 5.0 7.6



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.44 min

Lab File: BF140332.D

Acq: 13 Nov 2024 09:01

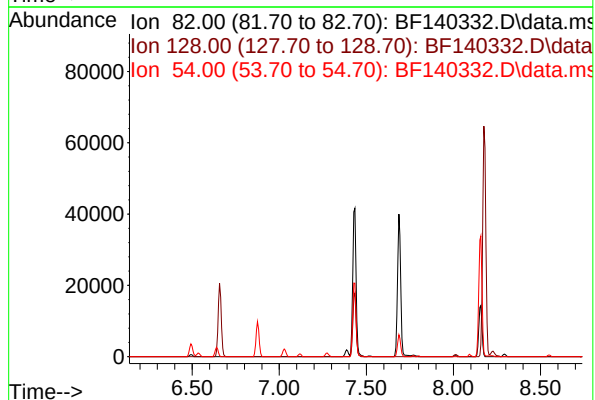
Tgt Ion: 82

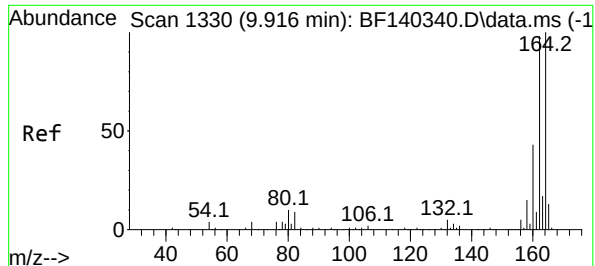
Sig Exp Ratio

82 100

128 41.6

54 49.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140332.D

Acq: 13 Nov 2024 09:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

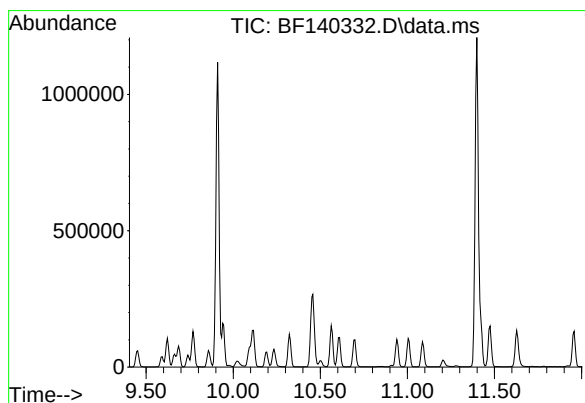
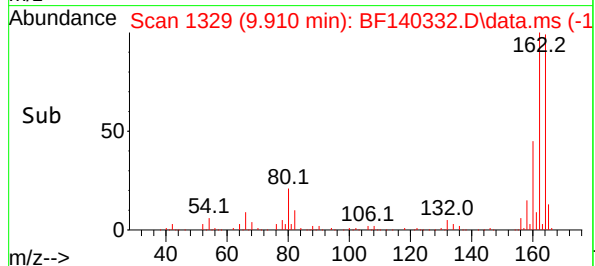
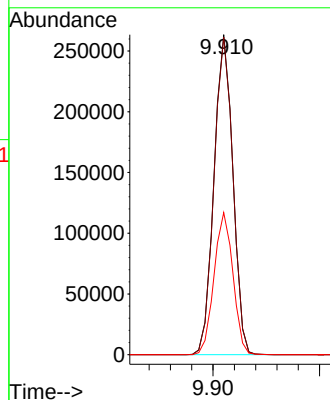
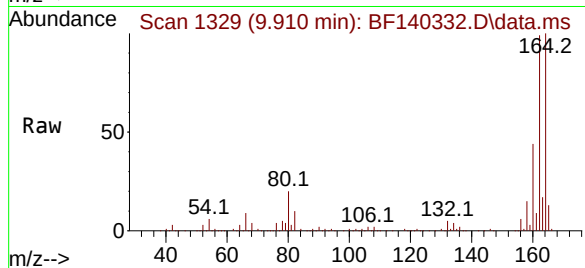
Tgt Ion:164 Resp: 324094

Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.8

160 44.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.70 min

Lab File: BF140332.D

Acq: 13 Nov 2024 09:01

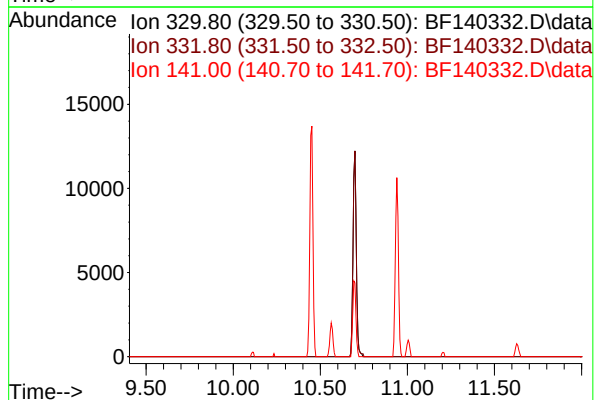
Tgt Ion: 330

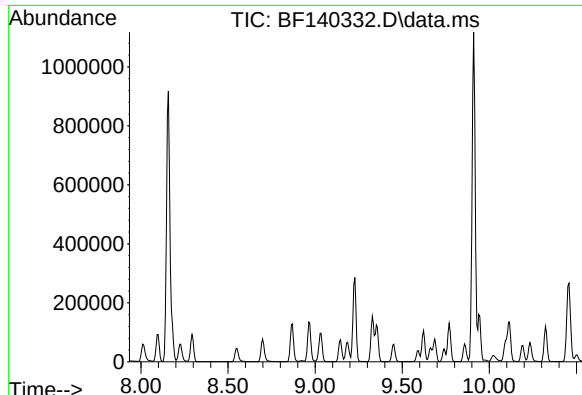
Sig Exp Ratio

330 100

332 94.9

141 33.6





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.23 min

Lab File: BF140332.D

Acq: 13 Nov 2024 09:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

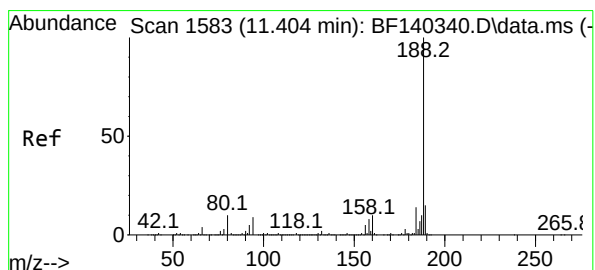
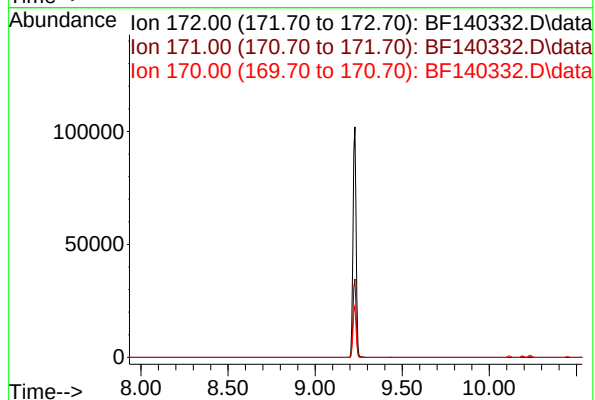
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.6

170 23.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140332.D

Acq: 13 Nov 2024 09:01

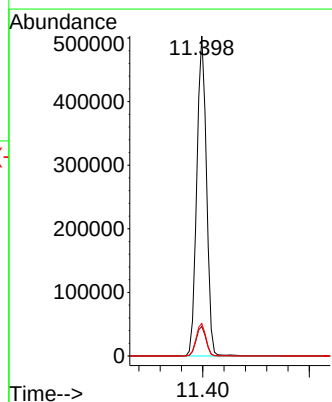
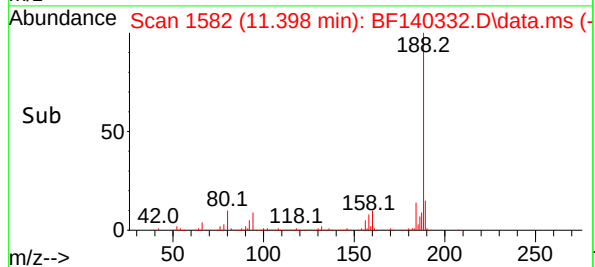
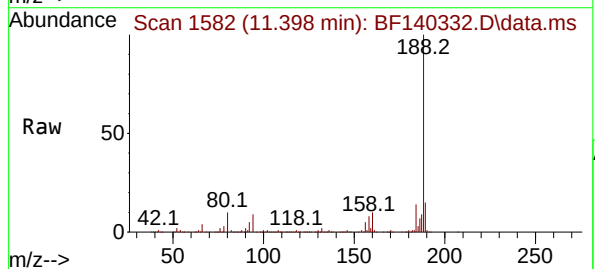
Tgt Ion:188 Resp: 631650

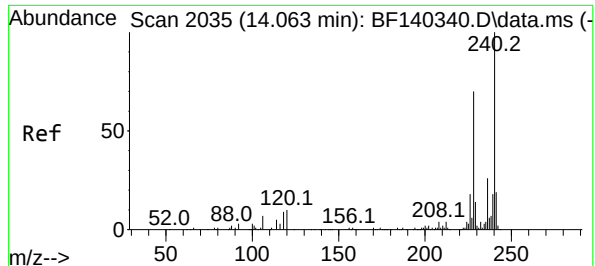
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

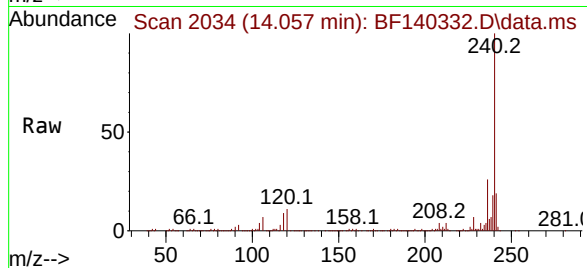
80 10.2 8.0 12.0



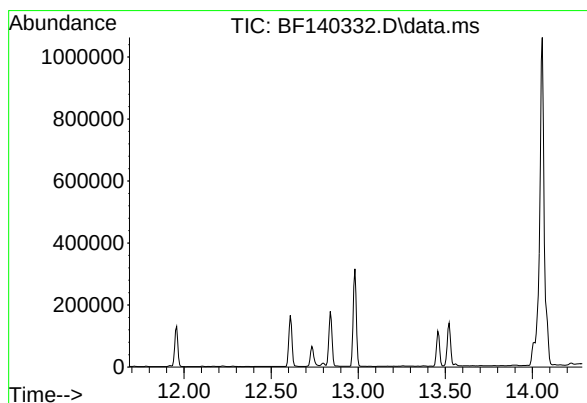
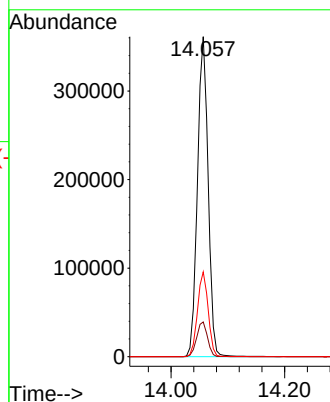
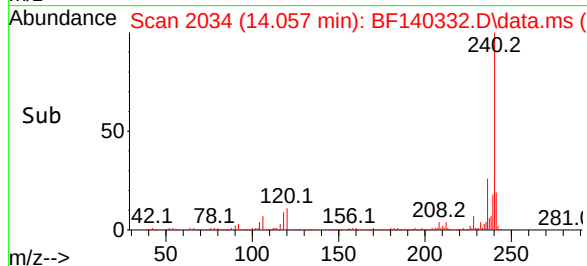


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF140332.D
Acq: 13 Nov 2024 09:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



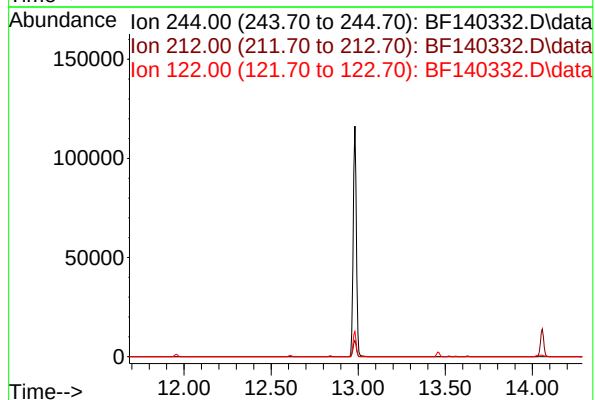
Tgt Ion:240 Resp: 473843
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 26.5 20.9 31.3

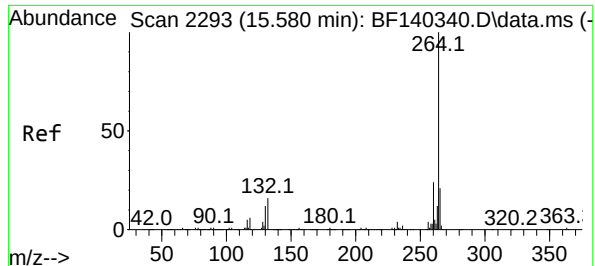


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.99 min

Lab File: BF140332.D
Acq: 13 Nov 2024 09:01

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.3
122 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140332.D

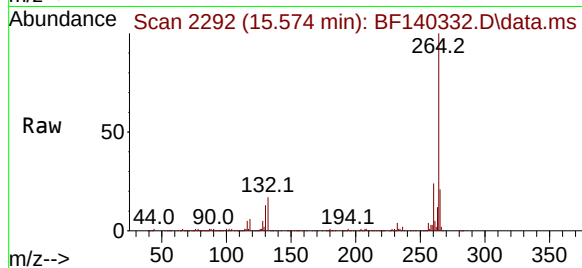
Acq: 13 Nov 2024 09:01

Instrument :

BNA_F

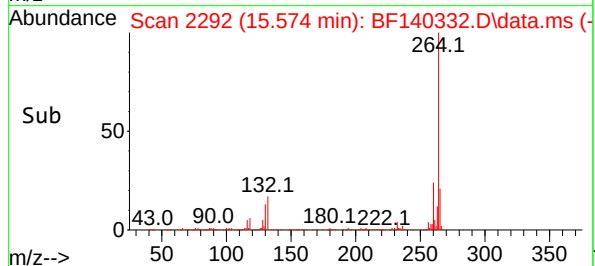
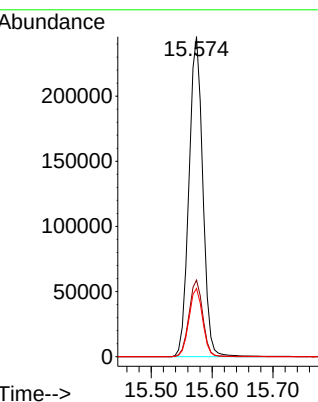
ClientSampleId :

SSTDICC2.5



Tgt Ion:264 Resp: 387360

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.1	25.7



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140333.D
Acq On : 13 Nov 2024 09:27
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Nov 13 14:22:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

11/14/2024

Supervised By :mohammad
ahmed

11/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147440	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	561082	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	317345	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	615904	20.000	ng	0.00
76) Chrysene-d12	14.051	240	462864	20.000	ng	0.00
86) Perylene-d12	15.563	264	372118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	98004	11.349	ng	0.00
7) Phenol-d6	6.493	99	130723	11.173	ng	-0.01
23) Nitrobenzene-d5	7.434	82	115292	10.706	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	34890	11.056	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	241751	12.246	ng	0.00
79) Terphenyl-d14	12.980	244	283824	10.644	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	21442	5.571	ng	95
3) Pyridine	3.422	79	52697	5.569	ng	98
4) n-Nitrosodimethylamine	3.346	42	24263	5.074	ng	# 97
6) Aniline	6.534	93	58498	5.748	ng	98
8) 2-Chlorophenol	6.657	128	51502	5.552	ng	99
9) Benzaldehyde	6.428	77	40600	5.790	ng	100
10) Phenol	6.504	94	66303	5.374	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	50099	5.359	ng	97
12) 1,3-Dichlorobenzene	6.816	146	58435	5.709	ng	99
13) 1,4-Dichlorobenzene	6.893	146	58594	5.646	ng	99
14) 1,2-Dichlorobenzene	7.046	146	55054	5.714	ng	100
15) Benzyl Alcohol	7.010	79	43212	5.126	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.146	45	70257	5.441	ng	100
17) 2-Methylphenol	7.116	107	40243	5.274	ng	97
18) Hexachloroethane	7.387	117	20701	5.396	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	37919	5.366	ng	97
20) 3+4-Methylphenols	7.275	107	52942	5.548	ng	# 82
22) Acetophenone	7.281	105	74642	5.720	ng	95
24) Nitrobenzene	7.451	77	59394	5.297	ng	99
25) Isophorone	7.687	82	103224	5.409	ng	99
26) 2-Nitrophenol	7.769	139	24576	4.939	ng	99
27) 2,4-Dimethylphenol	7.804	122	33358	5.237	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	64672	5.526	ng	100
29) 2,4-Dichlorophenol	8.010	162	43077	5.472	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	48599	5.545	ng	99
31) Naphthalene	8.175	128	162710	5.717	ng	99
32) Benzoic acid	7.869	122	22671m	4.051	ng	
33) 4-Chloroaniline	8.222	127	54728	5.529	ng	99
34) Hexachlorobutadiene	8.293	225	30821	5.519	ng	99
35) Caprolactam	8.551	113	13807	5.217	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	46450	5.324	ng	97
37) 2-Methylnaphthalene	8.869	142	105353	5.773	ng	97
38) 1-Methylnaphthalene	8.963	142	102975	5.762	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	51260	5.841	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	30173	5.239	ng	98
44) 2,4,5-Trichlorophenol	9.181	196	33434	5.310	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140333.D
Acq On : 13 Nov 2024 09:27
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
11/14/2024

Supervised By :mohammad
ahmed
11/14/2024

Quant Time: Nov 13 14:22:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.328	154	134098	5.808	ng	98
47) 2-Chloronaphthalene	9.351	162	101447	5.768	ng	100
48) 2-Nitroaniline	9.451	65	29995	5.143	ng	100
49) Acenaphthylene	9.769	152	153886	5.783	ng	99
50) Dimethylphthalate	9.622	163	116132	5.614	ng	99
51) 2,6-Dinitrotoluene	9.687	165	25188	5.341	ng	98
52) Acenaphthene	9.939	154	99899	5.559	ng	98
53) 3-Nitroaniline	9.857	138	26407	5.332	ng	94
55) Dibenzofuran	10.116	168	151058	5.937	ng	97
56) 4-Nitrophenol	10.016	139	15801	4.374	ng	98
57) 2,4-Dinitrotoluene	10.092	165	32877	5.297	ng	98
58) Fluorene	10.457	166	121014	6.021	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	25576	5.149	ng	99
60) Diethylphthalate	10.322	149	120988	5.720	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	58593	5.905	ng	97
62) 4-Nitroaniline	10.463	138	26578	5.249	ng	96
63) Azobenzene	10.610	77	118816	5.685	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	12385	3.738	ng	96
66) n-Nitrosodiphenylamine	10.563	169	100287	5.636	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	34999	5.685	ng	96
68) Hexachlorobenzene	11.004	284	38627	5.576	ng	98
69) Atrazine	11.086	200	29460	5.472	ng	97
70) Pentachlorophenol	11.204	266	14987	4.016	ng	97
71) Phenanthrene	11.422	178	168742	5.832	ng	99
72) Anthracene	11.475	178	164923	5.816	ng	98
73) Carbazole	11.628	167	162080	5.789	ng	99
74) Di-n-butylphthalate	11.957	149	186931	5.563	ng	100
75) Fluoranthene	12.610	202	193346	5.956	ng	99
78) Pyrene	12.839	202	202260	5.109	ng	99
80) Butylbenzylphthalate	13.457	149	74075	4.870	ng	96
81) Benzo(a)anthracene	14.039	228	167855	5.518	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	50636	5.237	ng	98
83) Chrysene	14.074	228	161255	5.810	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	102534	5.051	ng	99
85) Di-n-octyl phthalate	14.663	149	142493	4.984	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	103830	4.517	ng	98
88) Benzo(b)fluoranthene	15.121	252	130731	5.371	ng	99
89) Benzo(k)fluoranthene	15.145	252	119602	6.014	ng	99
90) Benzo(a)pyrene	15.492	252	102364	5.415	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	87528	4.607	ng	99
92) Benzo(g,h,i)perylene	17.504	276	87547	4.507	ng	99

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

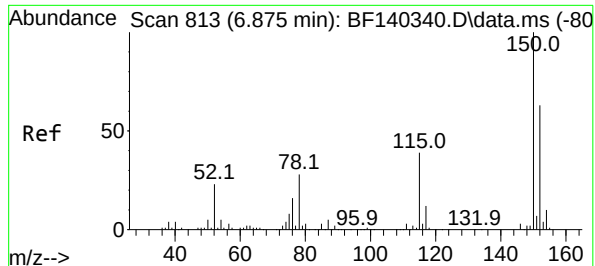
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Supervised By :mohammad
ahmed

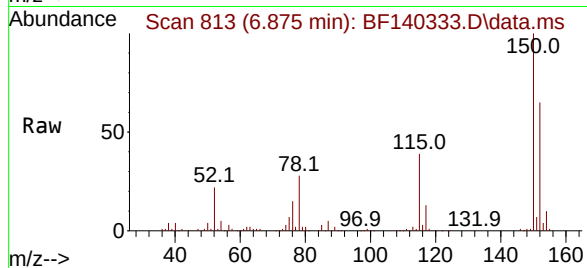
11/14/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

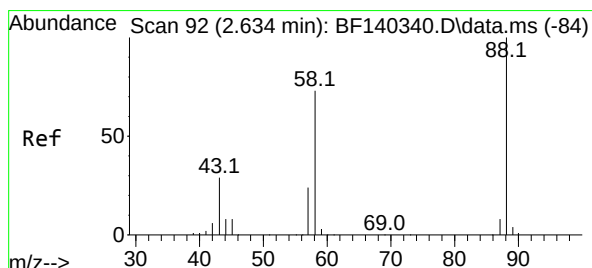
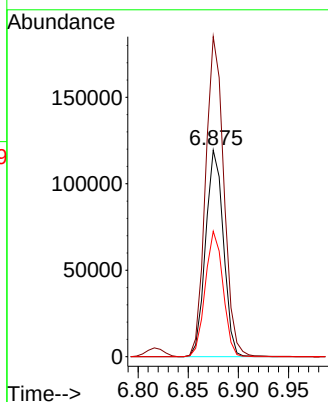
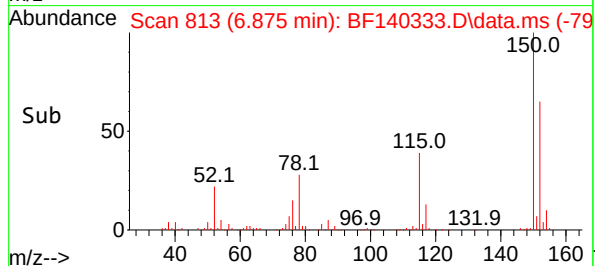


Tgt Ion:152 Resp: 147440
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 60.7 47.4 71.2

Manual Integrations
APPROVED

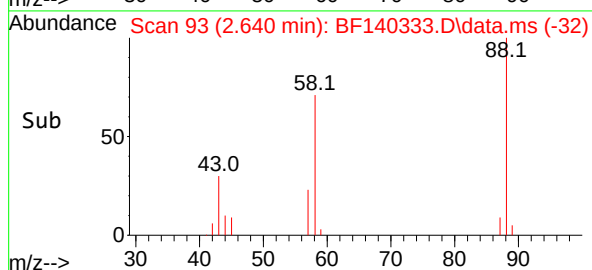
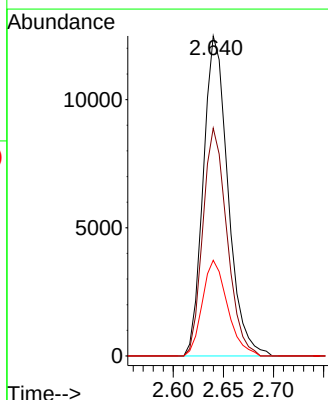
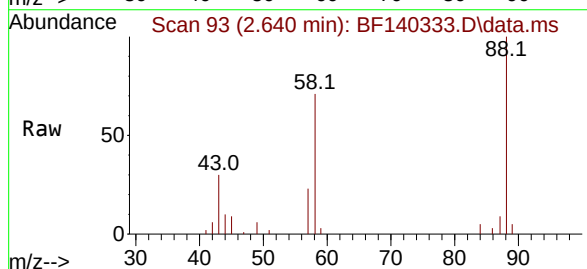
Reviewed By :Yogesh
Patel
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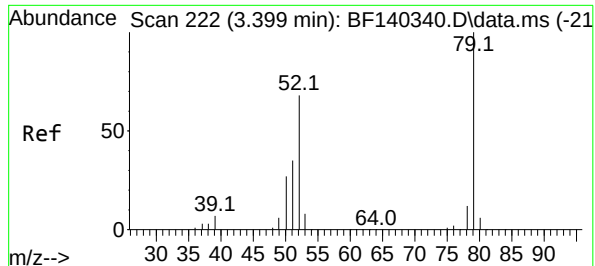
Supervised By :mohammad
ahmed
11/14/2024



#2
1,4-Dioxane
Concen: 5.571 ng
RT: 2.640 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion: 88 Resp: 21442
Ion Ratio Lower Upper
88 100
58 69.5 59.5 89.3
43 30.4 23.4 35.2





#3

Pyridine

Concen: 5.569 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:	79	Resp:	5269
Ion	Ratio	Lower	Upper
79	100		
52	64.5	53.8	80.6
51	33.6	27.3	40.9

Manual Integrations
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Reviewed By :Yogesh

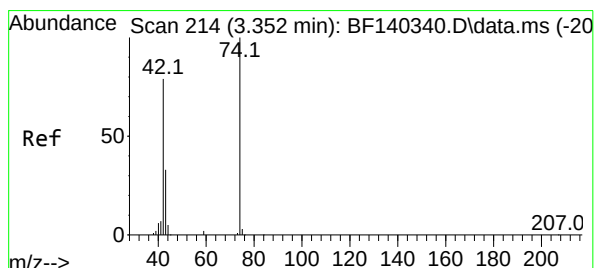
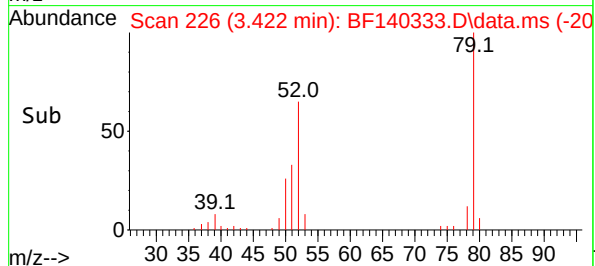
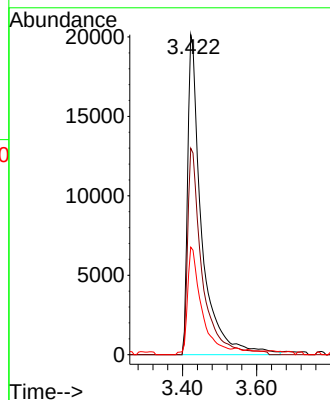
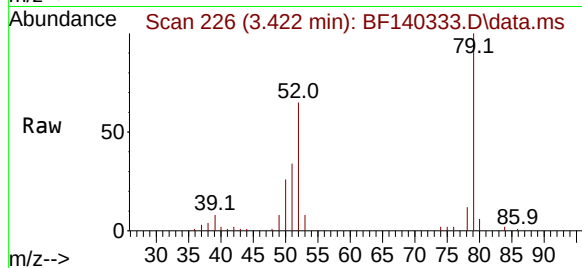
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#4

n-Nitrosodimethylamine

Concen: 5.074 ng

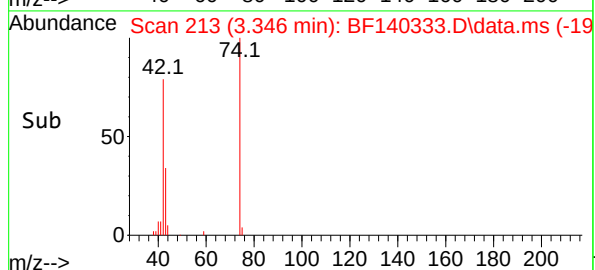
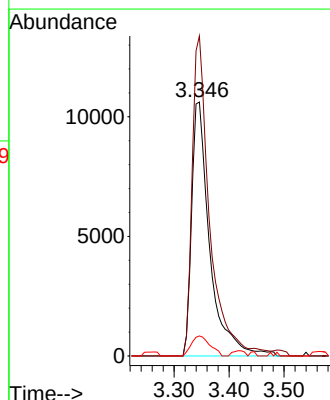
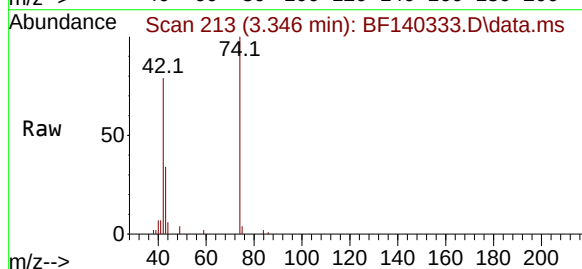
RT: 3.346 min Scan# 213

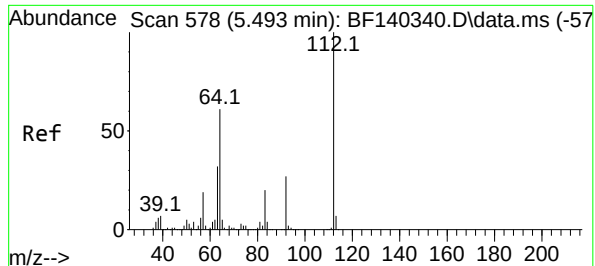
Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

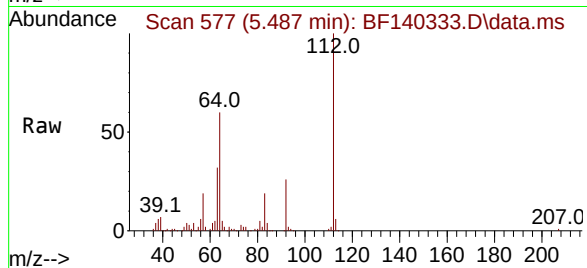
Tgt Ion:	42	Resp:	24263
Ion	Ratio	Lower	Upper
42	100		
74	126.0	103.5	155.3
44	7.9	5.1	7.7#





#5
2-Fluorophenol
Concen: 11.349 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

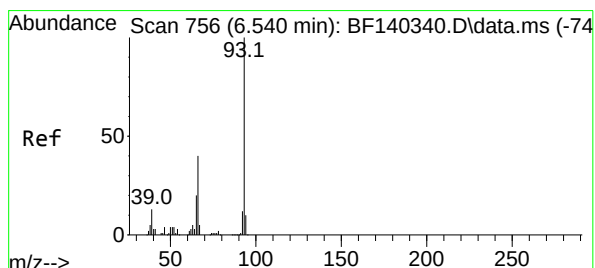
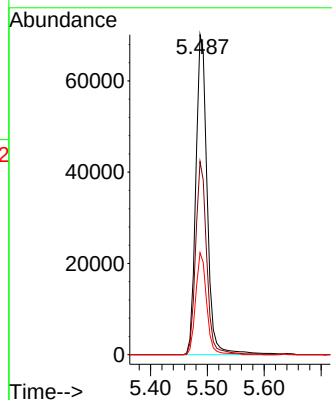
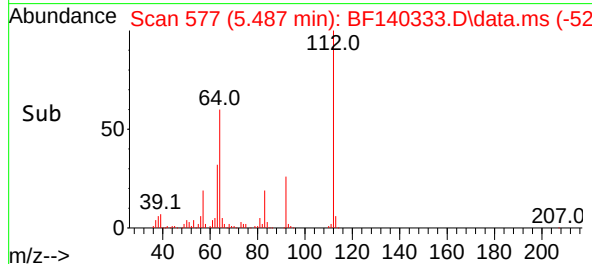


Tgt Ion: 112 Resp: 98004
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 31.9 25.6 38.4

Manual Integrations
APPROVED

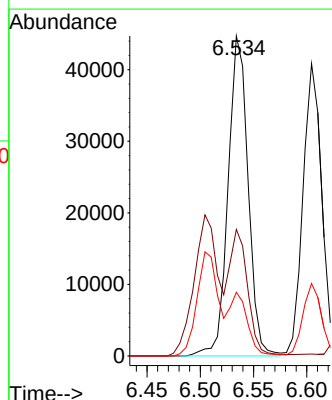
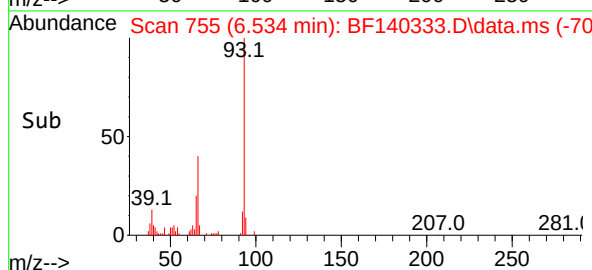
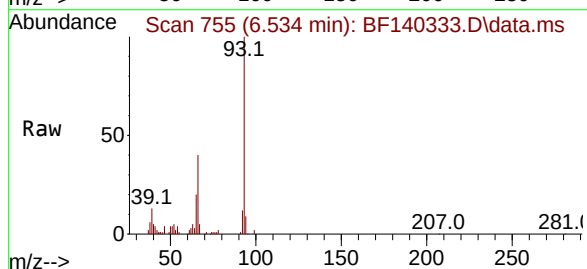
Reviewed By :Yogesh
Patel
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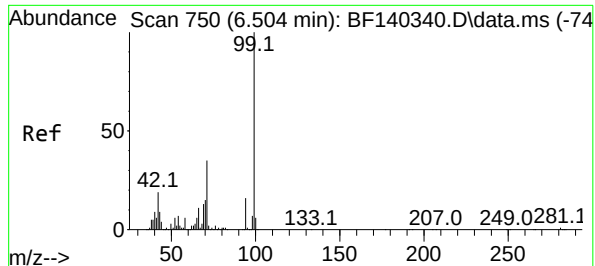
Supervised By :mohammad
ahmed
11/14/2024



#6
Aniline
Concen: 5.748 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion: 93 Resp: 58498
Ion Ratio Lower Upper
93 100
66 39.6 32.8 49.2
65 19.9 16.6 25.0





#7
Phenol-d6
Concen: 11.173 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

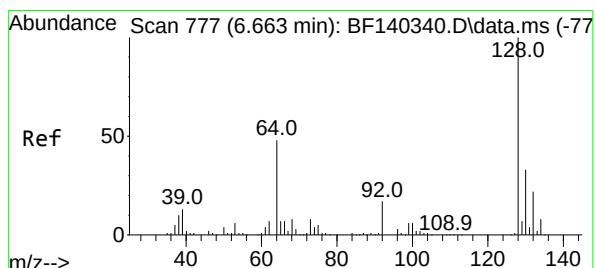
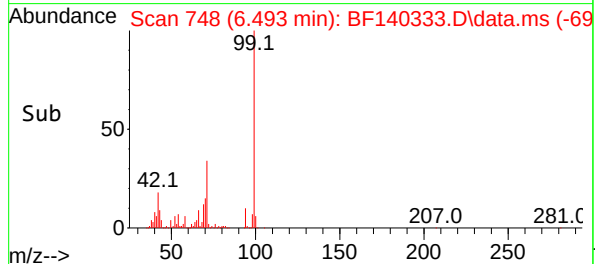
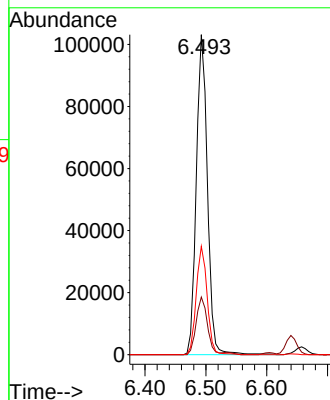
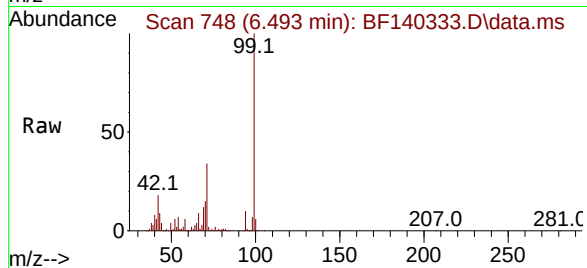
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 13072
Ion Ratio Lower Upper
99 100
42 18.0 15.1 22.7
71 33.8 27.9 41.9

Manual Integrations
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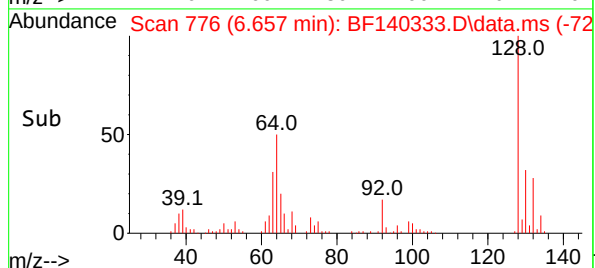
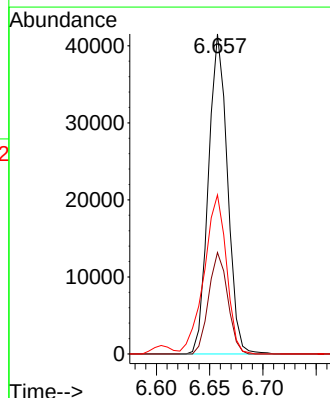
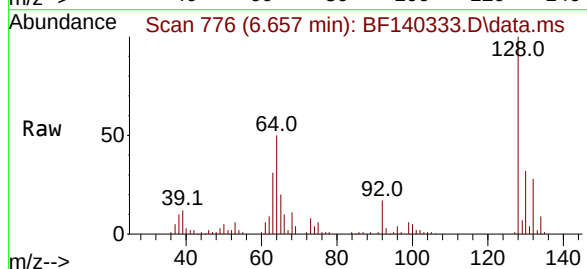
Reviewed By :Yogesh
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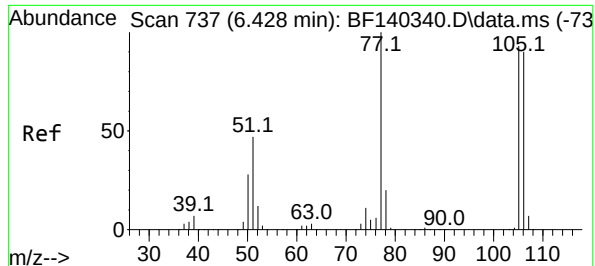
Supervised By :mohammad
ahmed
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#8
2-Chlorophenol
Concen: 5.552 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:128 Resp: 51502
Ion Ratio Lower Upper
128 100
130 31.7 12.2 52.2
64 49.7 30.2 70.2





#9

Benzaldehyde

Concen: 5.790 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion: 77 Resp: 40600

Ion Ratio Lower Upper

77 100

105 94.0 74.4 114.4

106 90.2 69.9 109.9

Manual Integrations

APPROVED

Reviewed By :Yogesh

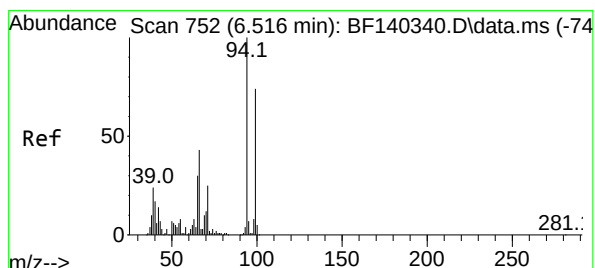
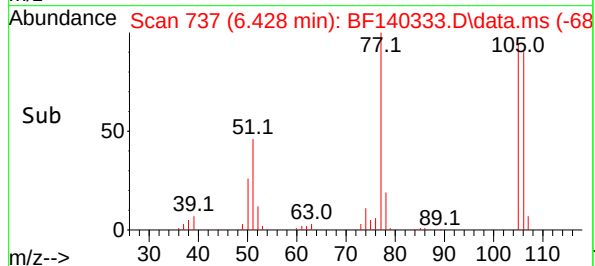
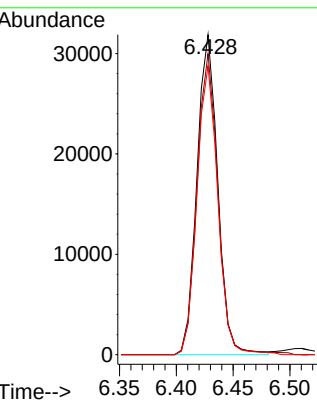
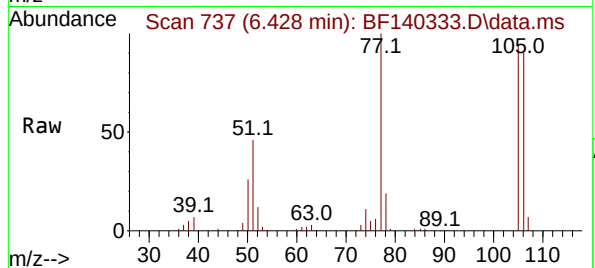
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#10

Phenol

Concen: 5.374 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.018 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

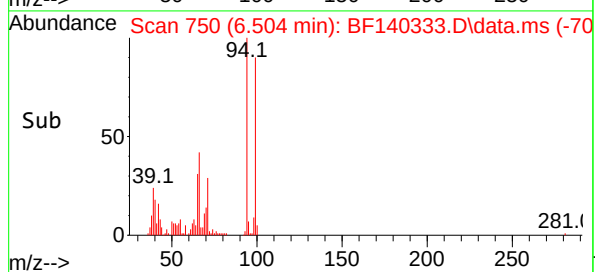
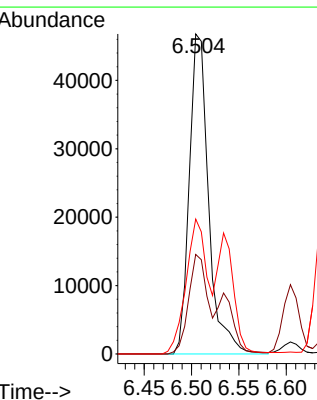
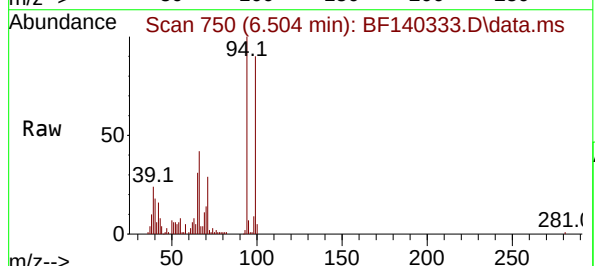
Tgt Ion: 94 Resp: 66303

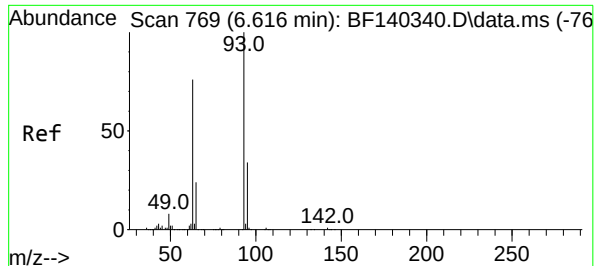
Ion Ratio Lower Upper

94 100

65 31.1 10.4 50.4

66 42.1 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 5.359 ng

RT: 6.604 min Scan# 769

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion: 93 Resp: 50095

Ion Ratio Lower Upper

93 100

63 77.5 54.0 94.0

95 32.8 12.9 52.9

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Manual Integrations

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Reviewed By :Yogesh

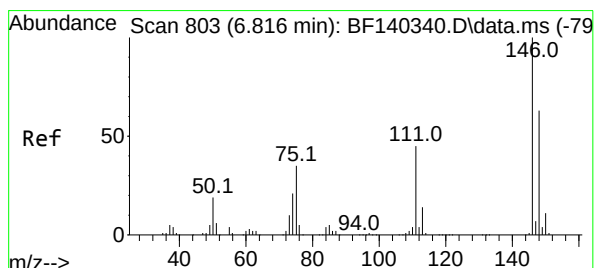
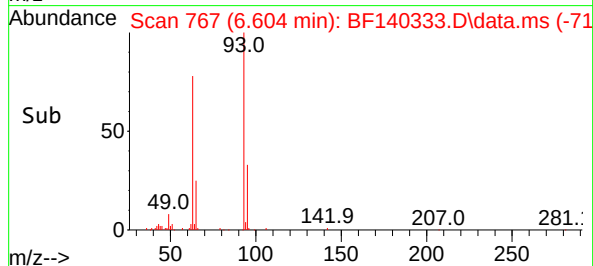
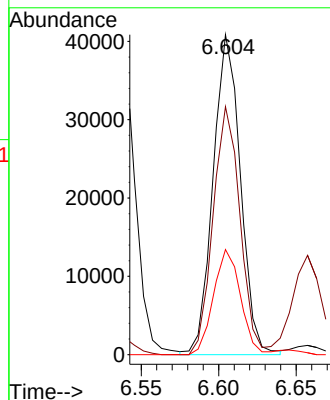
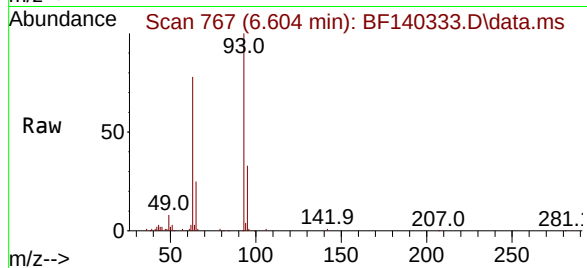
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#12

1,3-Dichlorobenzene

Concen: 5.709 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

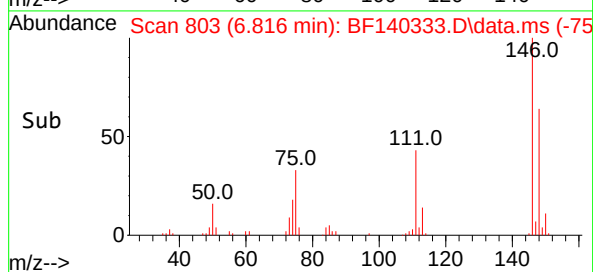
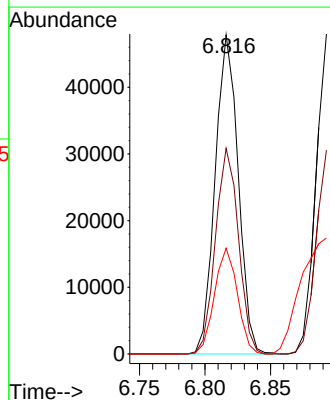
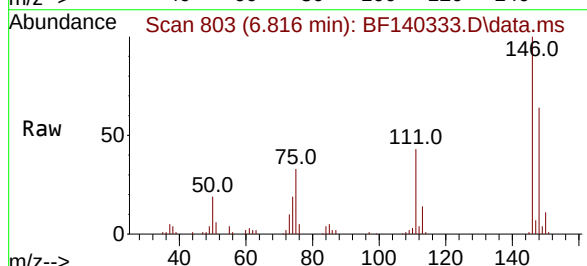
Tgt Ion:146 Resp: 58435

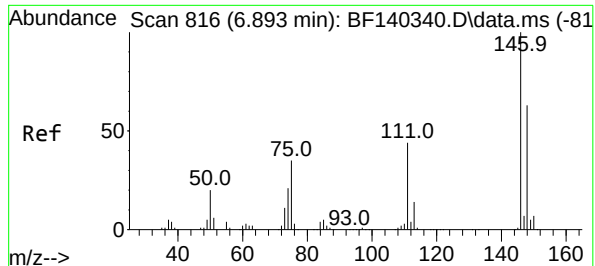
Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

75 33.2 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 5.646 ng

RT: 6.893 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:	146	Resp:	58594
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	43.3	34.2	51.2

Manual Integrations
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Reviewed By :Yogesh

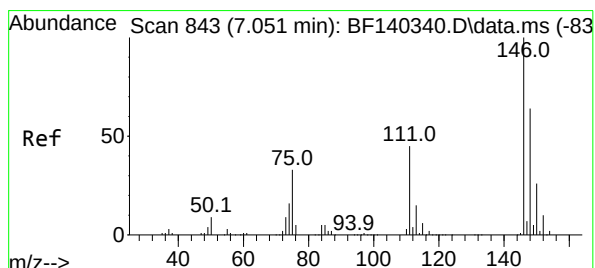
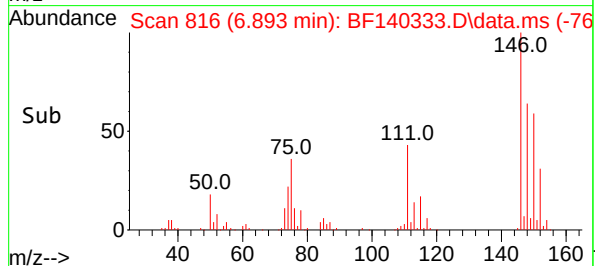
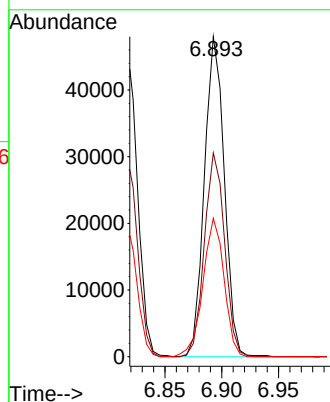
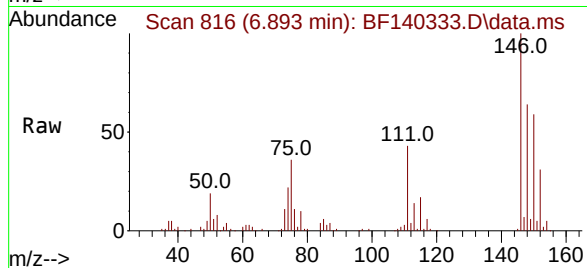
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#14

1,2-Dichlorobenzene

Concen: 5.714 ng

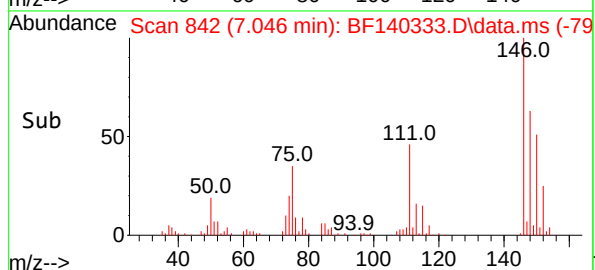
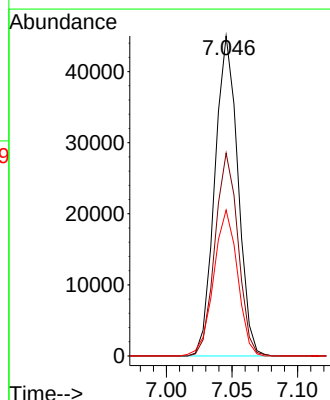
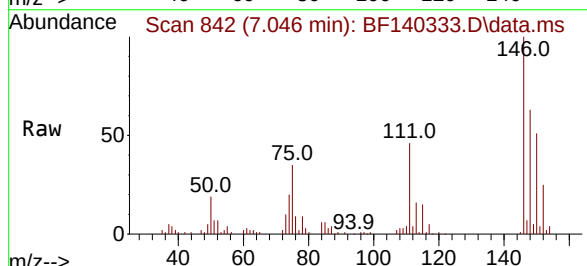
RT: 7.046 min Scan# 842

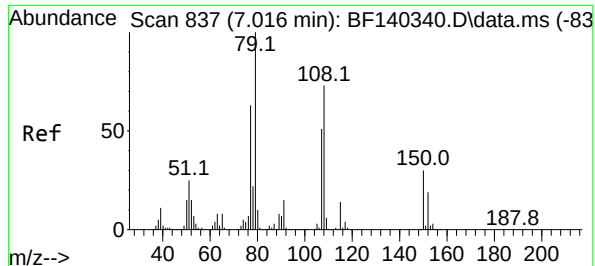
Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:	146	Resp:	55054
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.2	76.8
111	45.6	36.5	54.7





#15

Benzyl Alcohol

Concen: 5.126 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion: 79 Resp: 4321

Ion Ratio Lower Upper

79 100

108 76.1 57.8 86.6

77 63.0 49.8 74.6

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Manual Integrations

APPROVED

Reviewed By :Yogesh

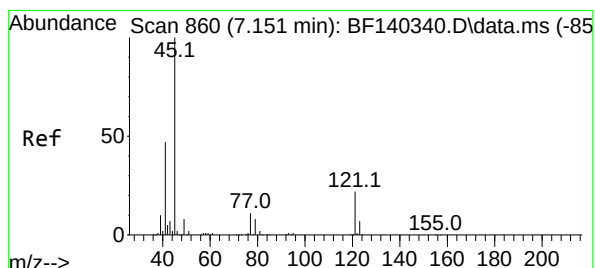
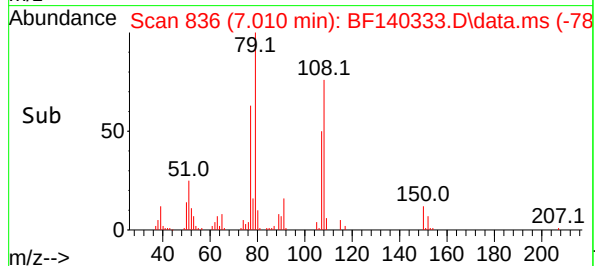
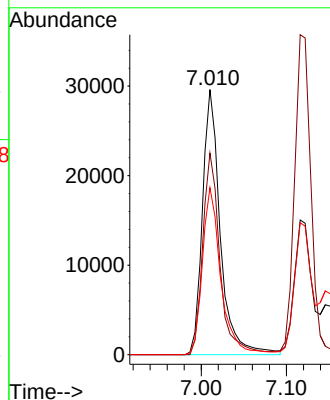
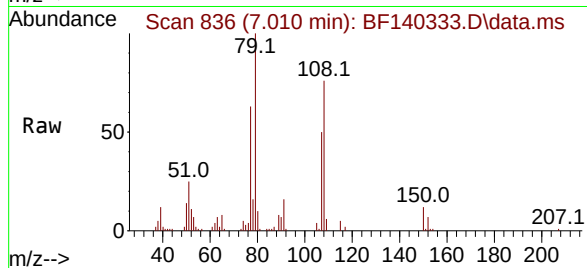
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.441 ng

RT: 7.146 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

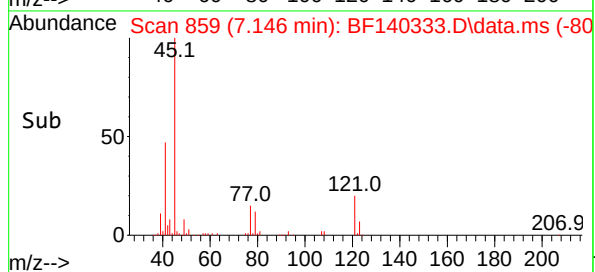
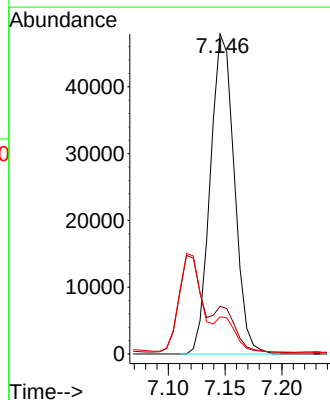
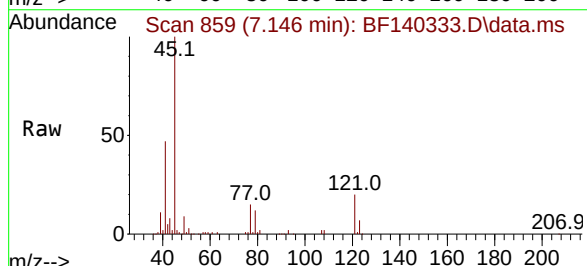
Tgt Ion: 45 Resp: 70257

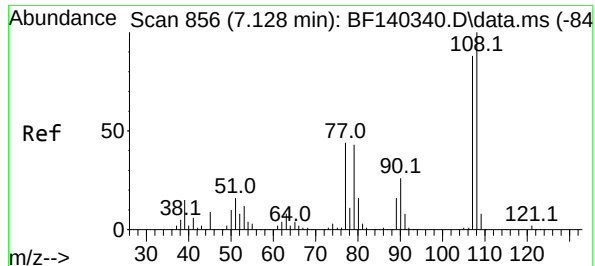
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.8

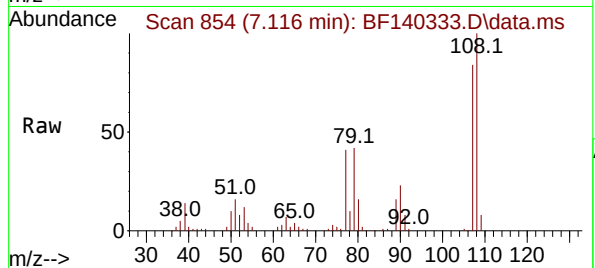
79 11.6 0.0 31.4





#17
2-Methylphenol
Concen: 5.274 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

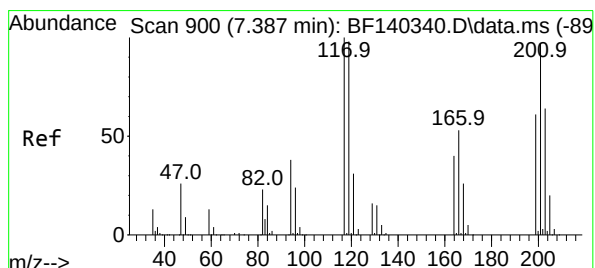
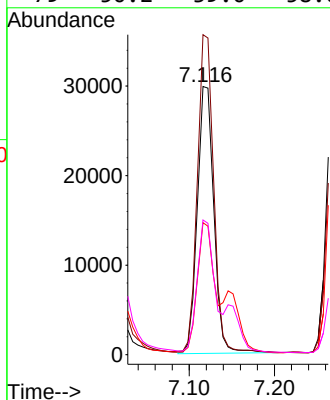
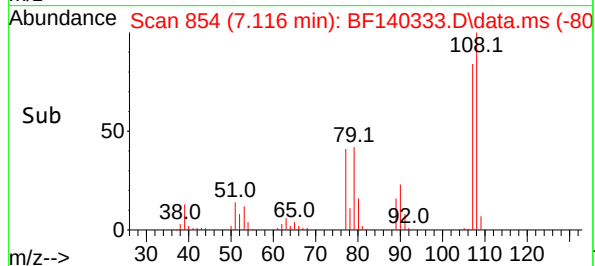


Tgt Ion:107 Resp: 4024
Ion Ratio Lower Upper
107 100
108 119.3 91.9 137.9
77 49.2 39.7 59.5
79 50.2 39.0 58.6

Manual Integrations
APPROVED

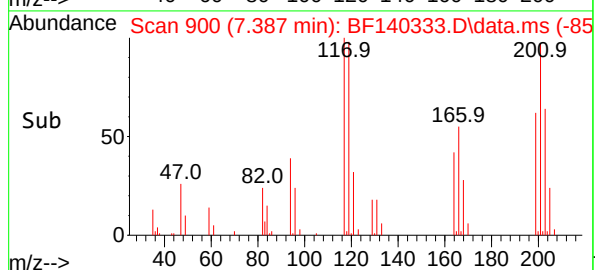
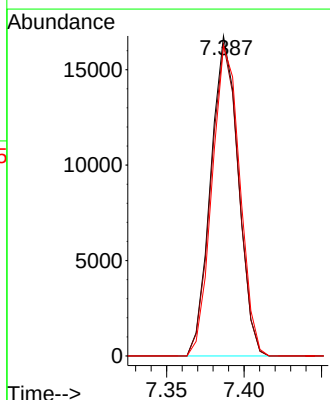
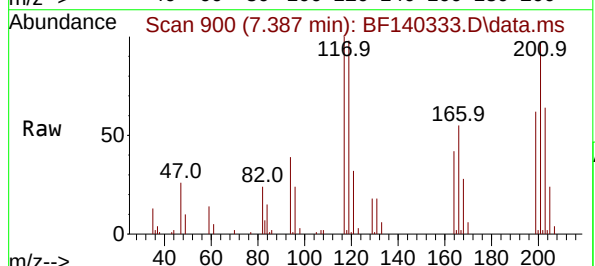
Reviewed By :Yogesh
Patel
11/14/2024

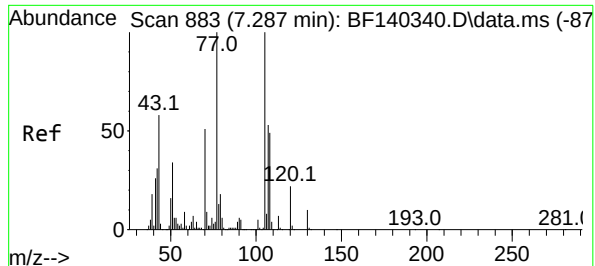
Supervised By :mohammad
ahmed
11/14/2024



#18
Hexachloroethane
Concen: 5.396 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:117 Resp: 20701
Ion Ratio Lower Upper
117 100
119 97.6 76.9 115.3
201 96.8 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 5.366 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 37919

Ion Ratio Lower Upper

70 100

42 61.0 46.8 70.2

101 9.1 7.5 11.3

130 21.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh

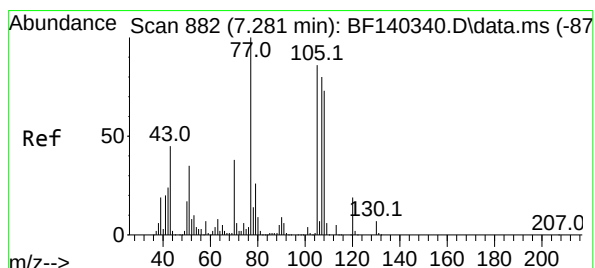
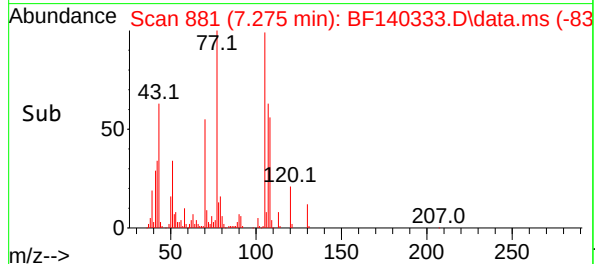
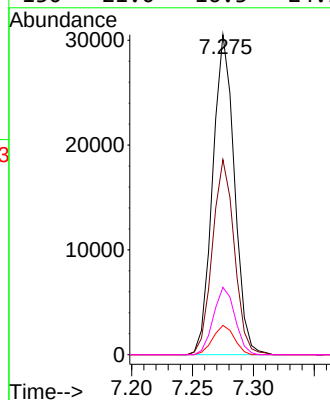
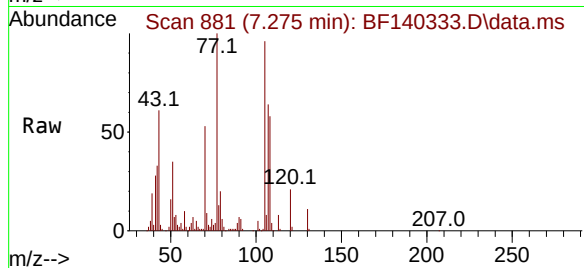
Patel

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Supervised By :mohammad

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#20

3+4-Methylphenols

Concen: 5.548 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:107 Resp: 52942

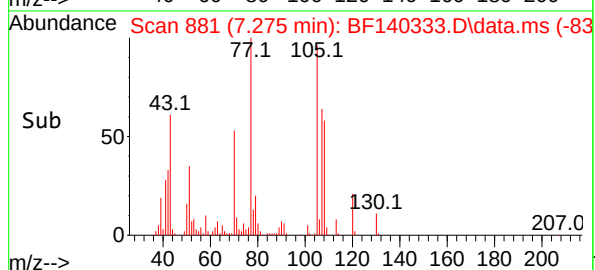
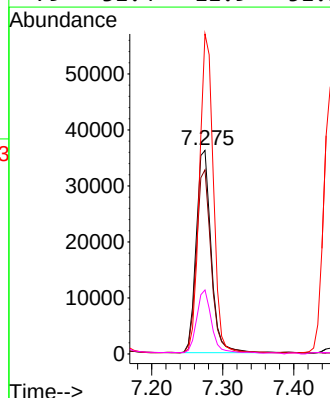
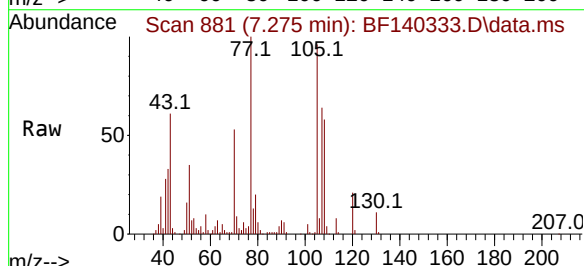
Ion Ratio Lower Upper

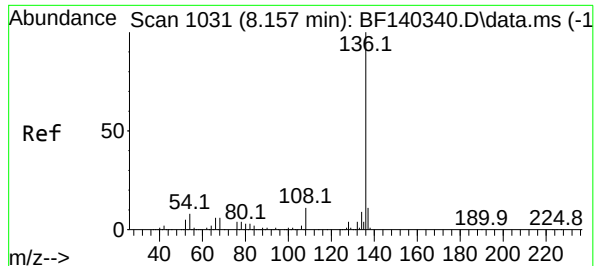
107 100

108 90.5 71.4 111.4

77 157.2 97.0 137.0#

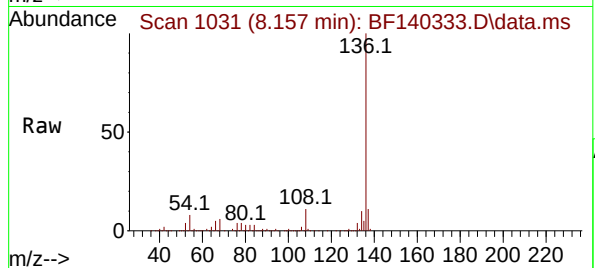
79 31.4 11.9 51.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

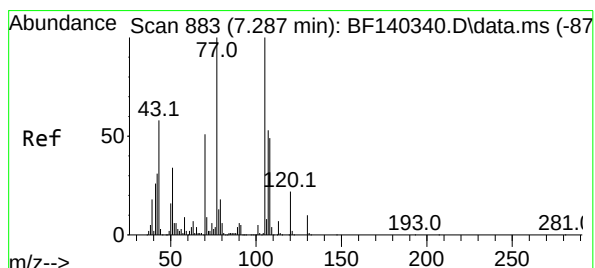
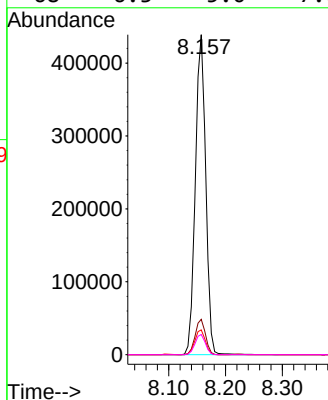
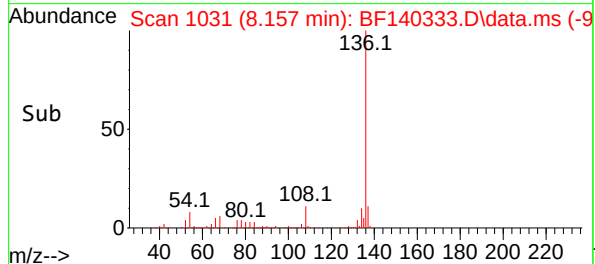


Tgt Ion:136 Resp: 56108
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.5 9.7
68 6.3 5.0 7.6

Manual Integrations
APPROVED

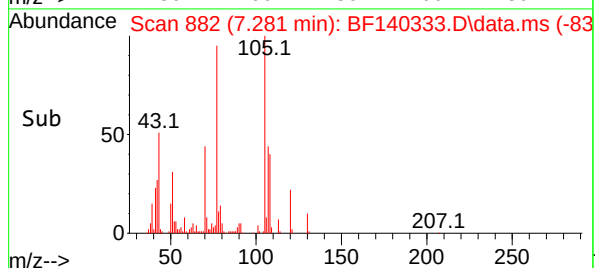
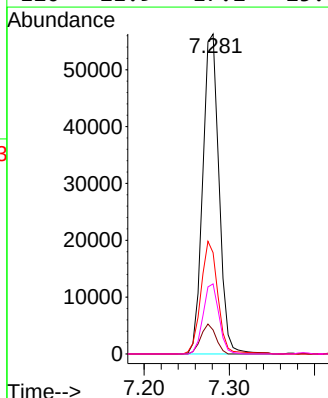
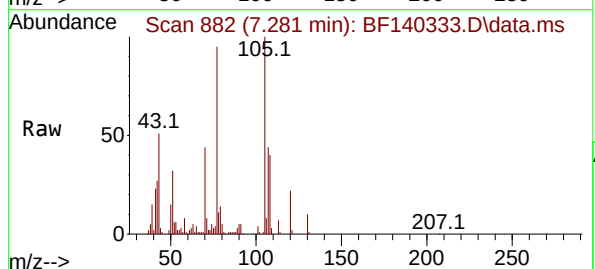
Reviewed By :Yogesh
Patel
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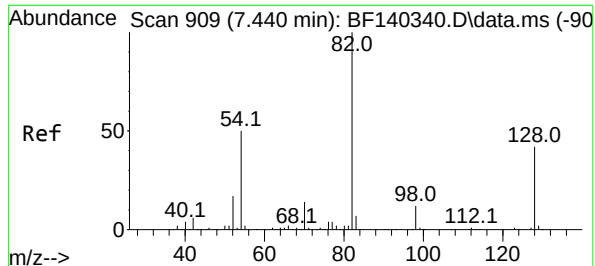
Supervised By :mohammad
ahmed
11/14/2024



#22
Acetophenone
Concen: 5.720 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:105 Resp: 74642
Ion Ratio Lower Upper
105 100
71 7.5 6.9 10.3
51 31.7 28.6 43.0
120 21.9 17.2 25.8





#23

Nitrobenzene-d5

Concen: 10.706 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 11529

Ion Ratio Lower Upper

82 100

128 42.3 33.3 49.9

54 48.3 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :Yogesh

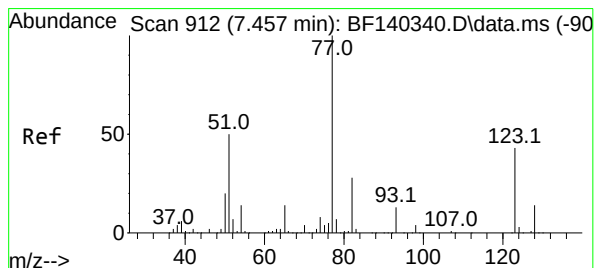
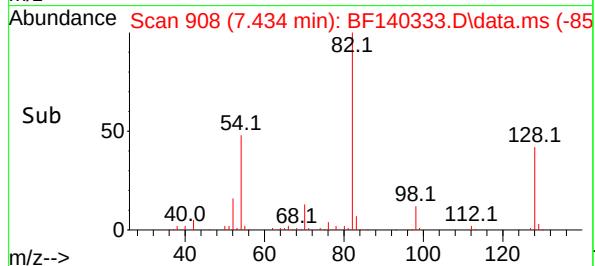
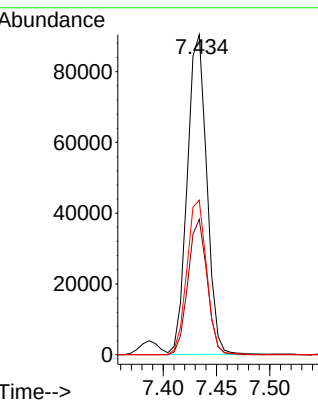
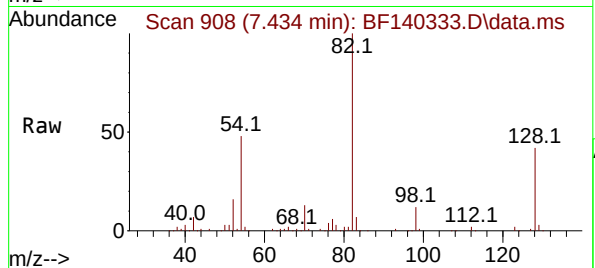
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#24

Nitrobenzene

Concen: 5.297 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

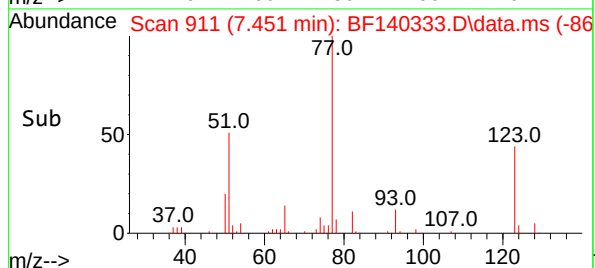
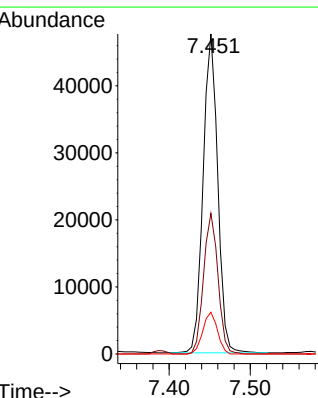
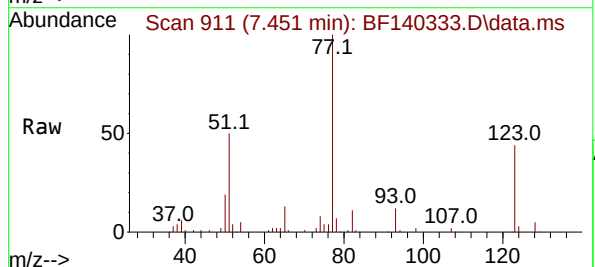
Tgt Ion: 77 Resp: 59394

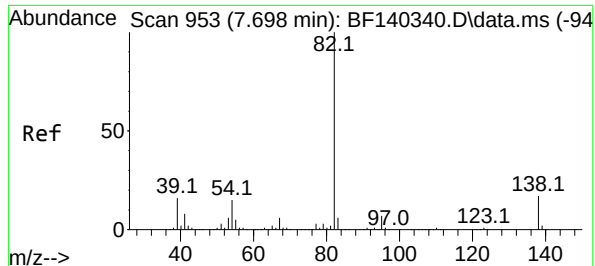
Ion Ratio Lower Upper

77 100

123 44.0 35.4 53.0

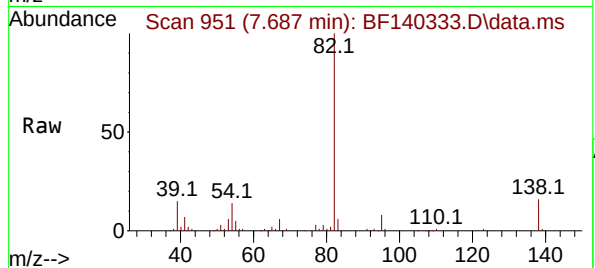
65 13.1 11.1 16.7





#25
Isophorone
Concen: 5.409 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

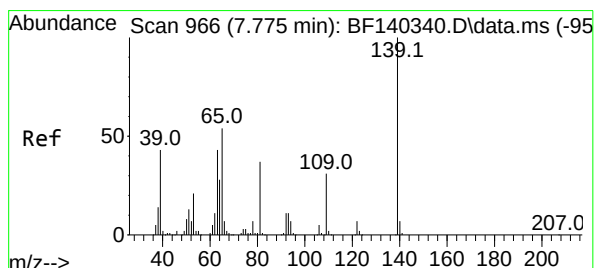
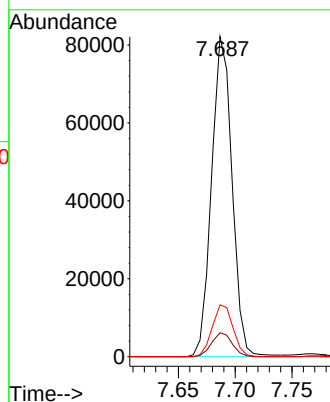
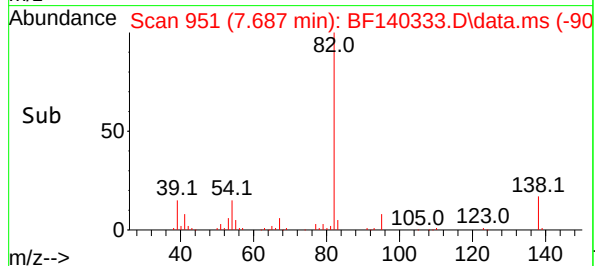


Tgt Ion: 82 Resp: 103224
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 16.2 13.4 20.2

Manual Integrations
APPROVED

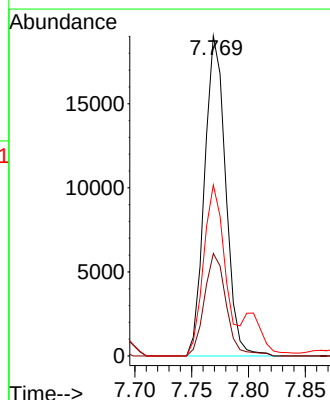
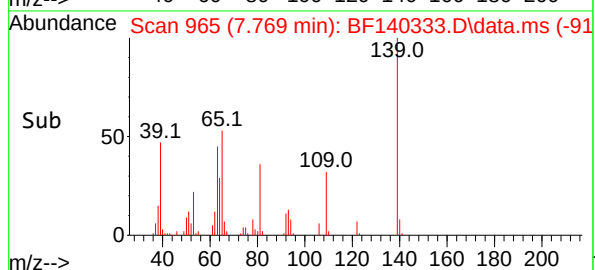
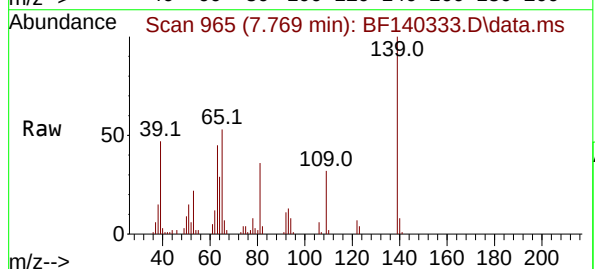
Reviewed By :Yogesh
Patel
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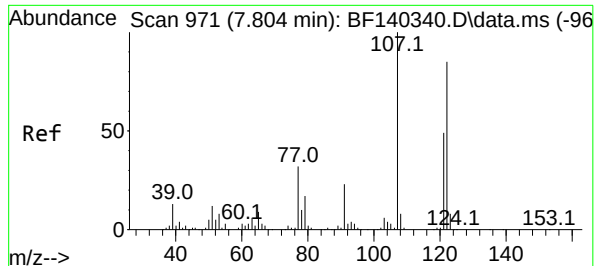
Supervised By :mohammad
ahmed
11/14/2024



#26
2-Nitrophenol
Concen: 4.939 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:139 Resp: 24576
Ion Ratio Lower Upper
139 100
109 32.0 24.4 36.6
65 53.5 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 5.237 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:122 Resp: 3335

Ion Ratio Lower Upper

122 100

107 111.3 91.3 136.9

121 59.3 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh

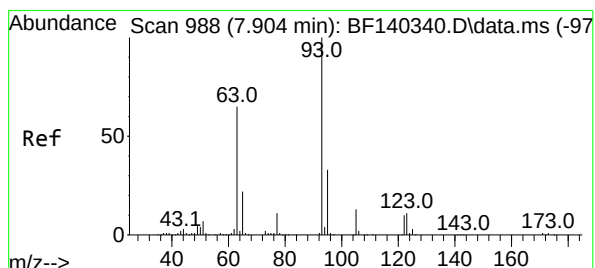
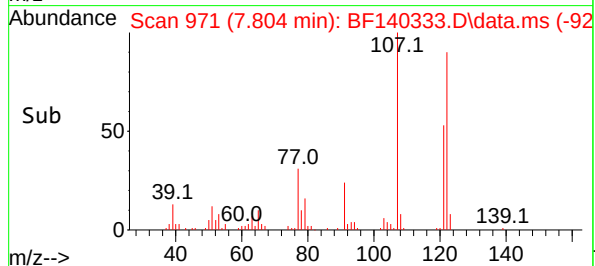
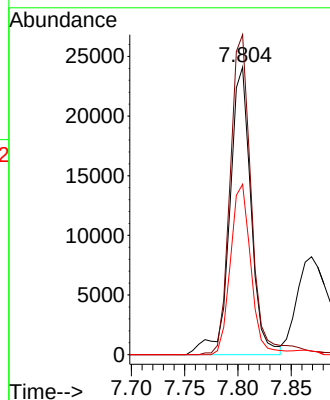
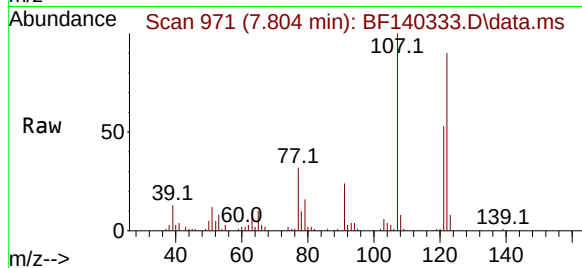
Patel

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#28

bis(2-Chloroethoxy)methane

Concen: 5.526 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

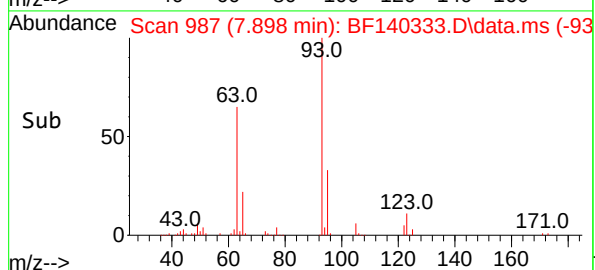
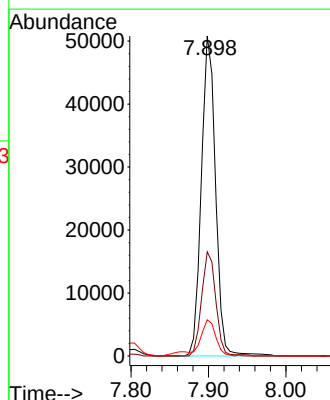
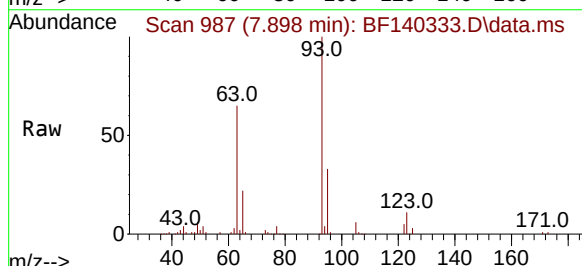
Tgt Ion: 93 Resp: 64672

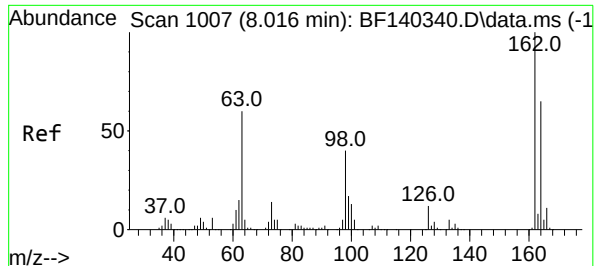
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 5.472 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:	162	Resp:	4307
Ion Ratio	Lower	Upper	
162	100		
164	64.1	45.4	85.4
98	38.8	19.9	59.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

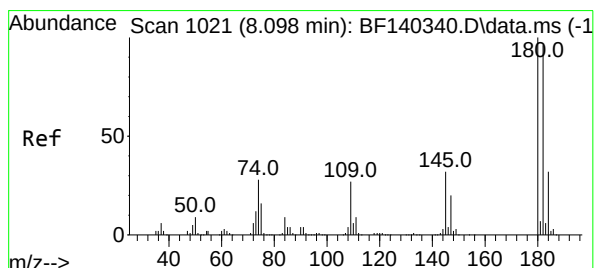
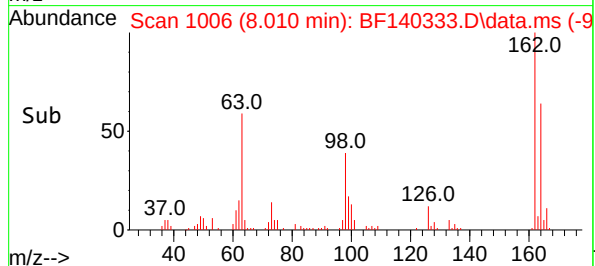
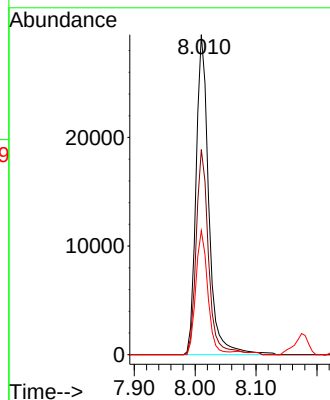
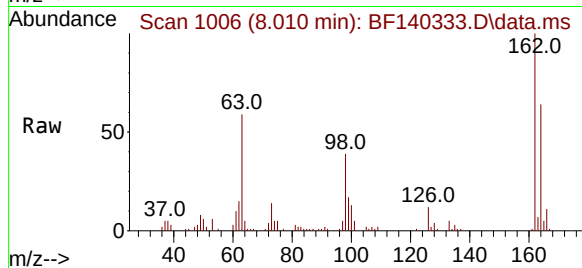
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#30

1,2,4-Trichlorobenzene

Concen: 5.545 ng

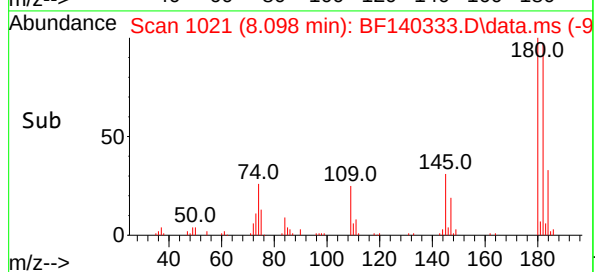
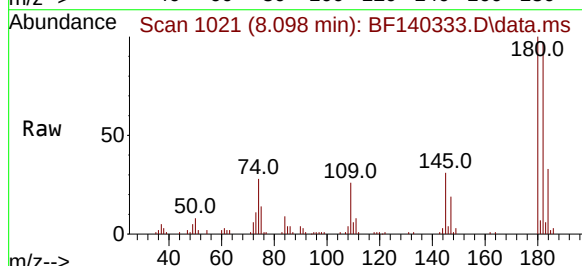
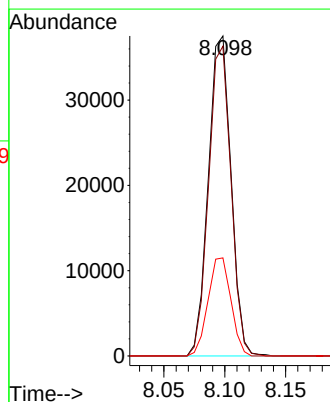
RT: 8.098 min Scan# 1021

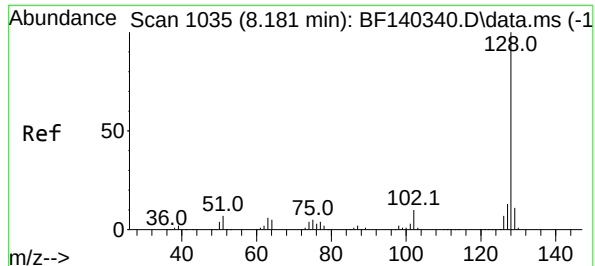
Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:	180	Resp:	48599
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.5	114.7
145	30.7	25.3	37.9





#31

Naphthalene

Concen: 5.717 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:128 Resp: 162710

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 12.6 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh

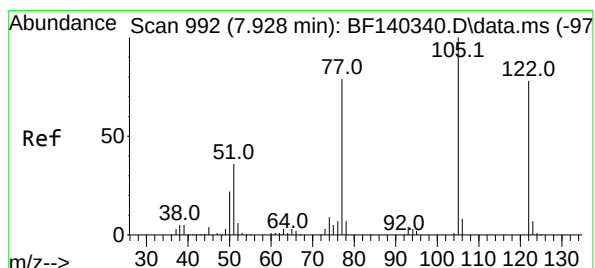
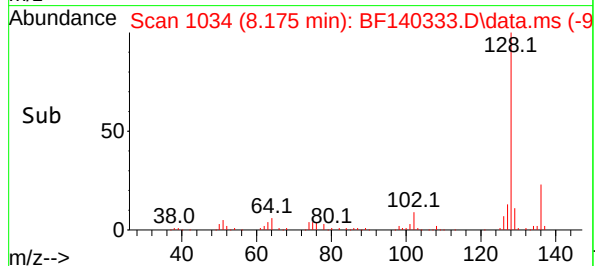
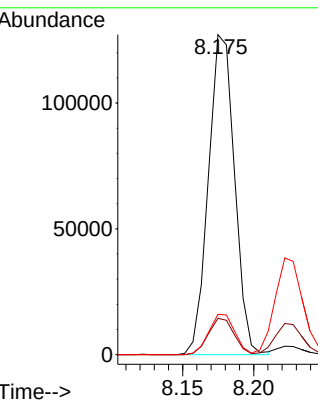
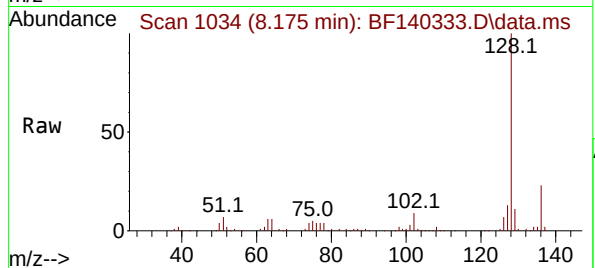
Patel

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#32

Benzoic acid

Concen: 4.051 ng m

RT: 7.869 min Scan# 982

Delta R.T. -0.059 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

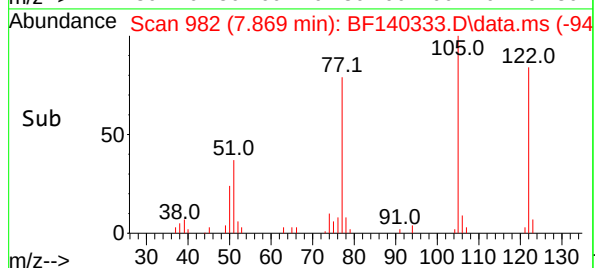
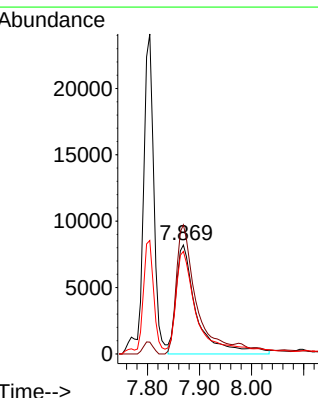
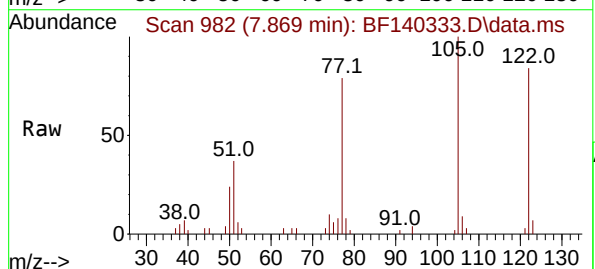
Tgt Ion:122 Resp: 22671

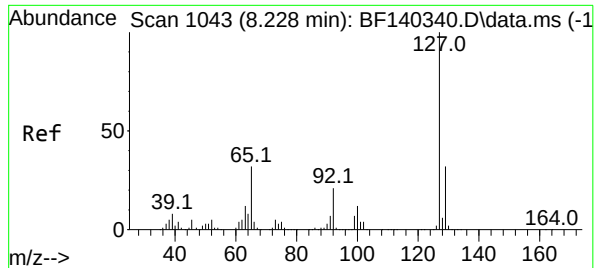
Ion Ratio Lower Upper

122 100

105 118.6 100.9 140.9

77 94.1 76.0 116.0





#33

4-Chloroaniline

Concen: 5.529 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:127 Resp: 54728

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	31.8	25.8	38.6
92	19.8	16.5	24.7

Manual Integrations
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Reviewed By :Yogesh

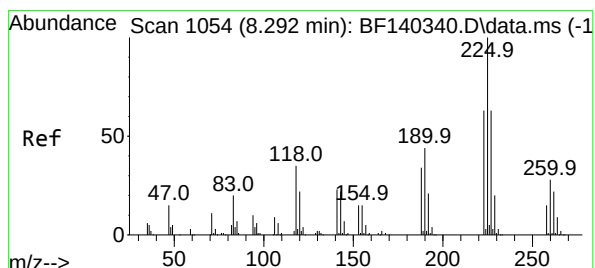
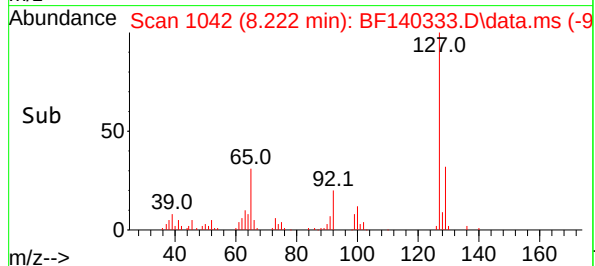
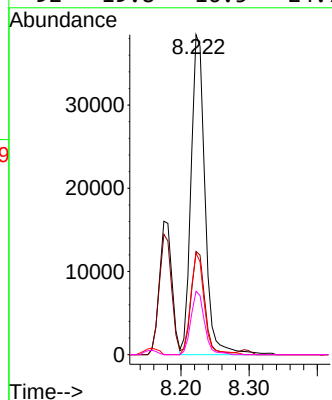
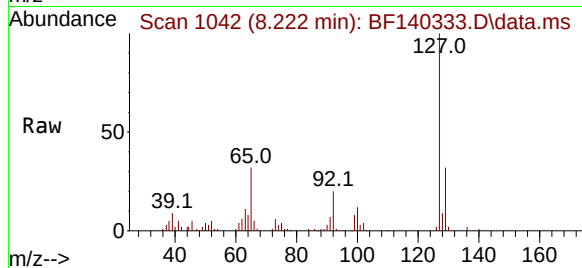
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#34

Hexachlorobutadiene

Concen: 5.519 ng

RT: 8.293 min Scan# 1054

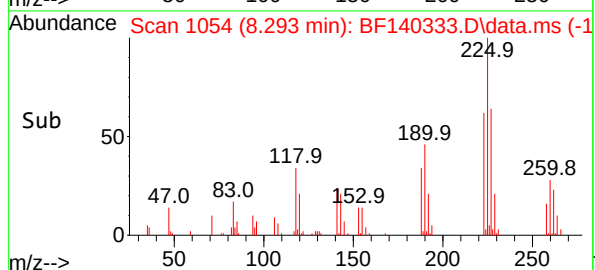
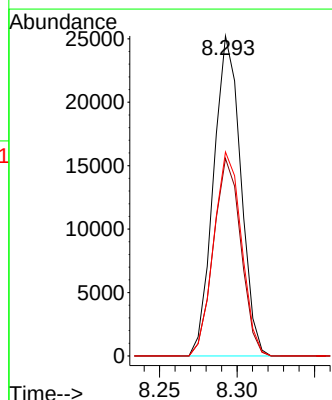
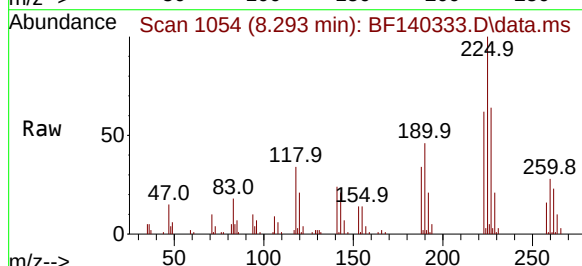
Delta R.T. -0.006 min

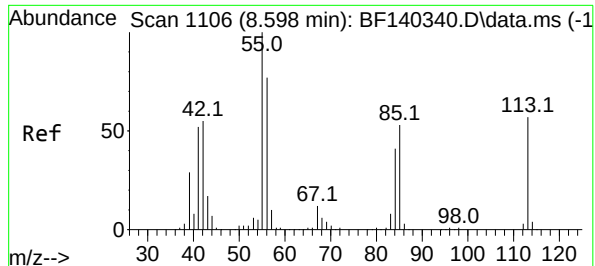
Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:225 Resp: 30821

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.1	75.1
227	63.8	51.3	76.9





#35

Caprolactam

Concen: 5.217 ng

RT: 8.551 min Scan# 1106

Delta R.T. -0.047 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:113 Resp: 1380

Ion Ratio Lower Upper

113 100

55 170.3 150.0 190.0

56 135.7 111.1 151.1

Manual Integrations

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Reviewed By :Yogesh

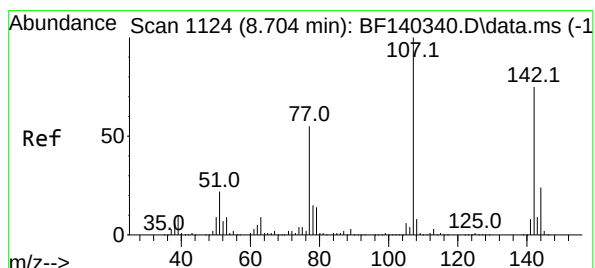
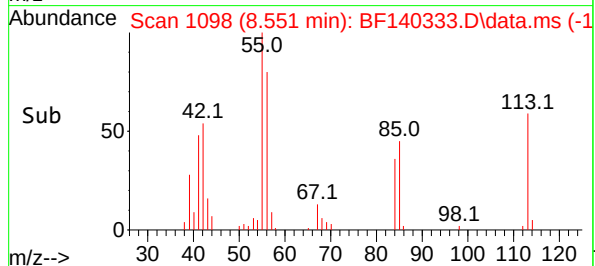
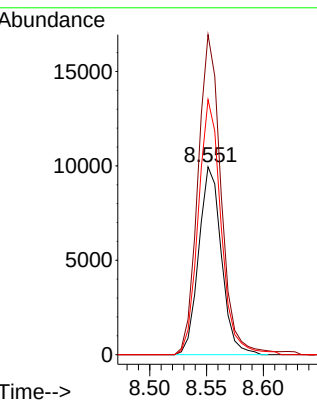
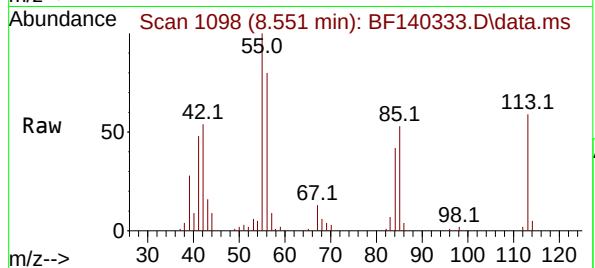
Patel

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#36

4-Chloro-3-methylphenol

Concen: 5.324 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

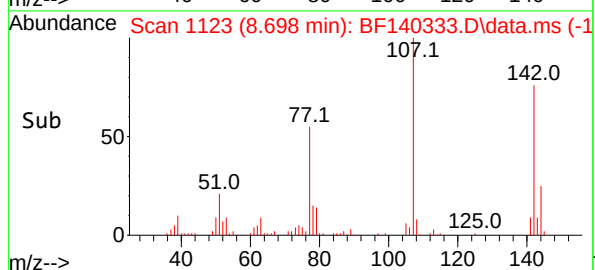
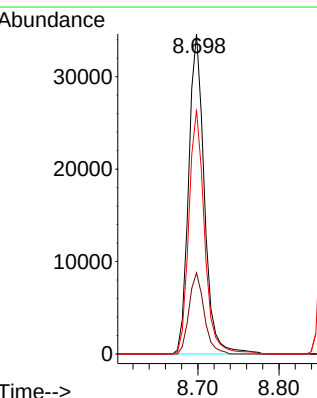
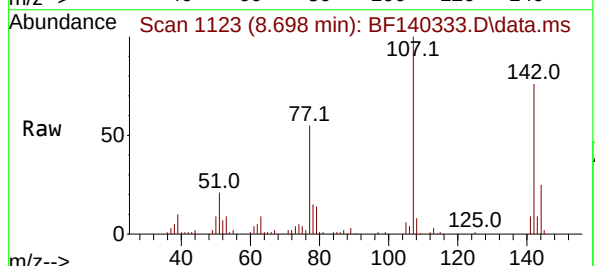
Tgt Ion:107 Resp: 46450

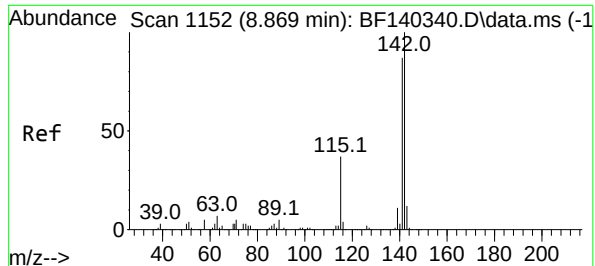
Ion Ratio Lower Upper

107 100

144 25.4 19.3 28.9

142 76.4 59.4 89.0





#37

2-Methylnaphthalene

Concen: 5.773 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 10535

Ion Ratio Lower Upper

142 100

141 85.5 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

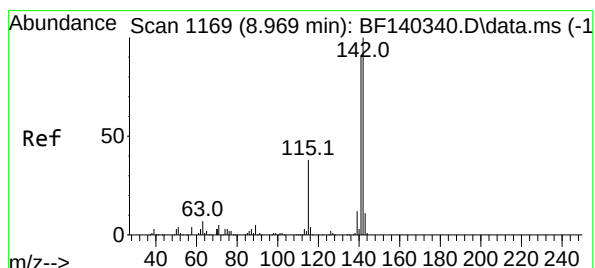
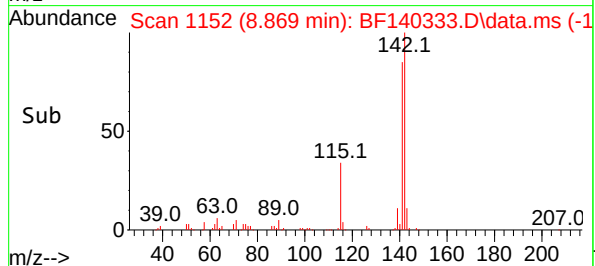
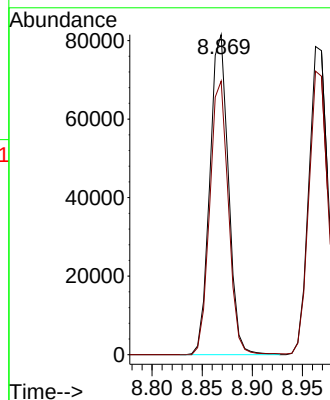
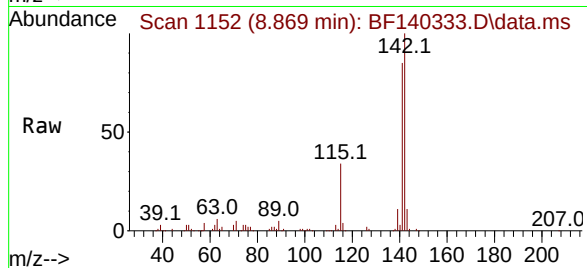
Patel

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#38

1-Methylnaphthalene

Concen: 5.762 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140333.D

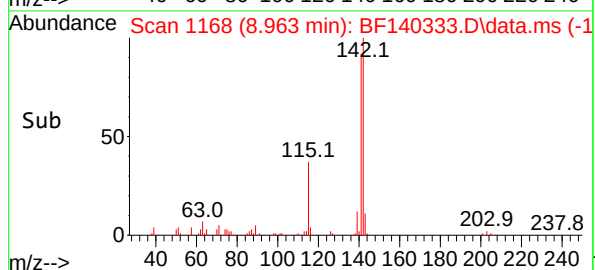
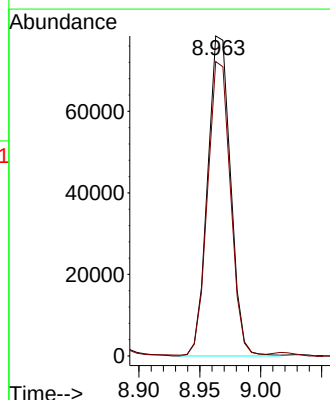
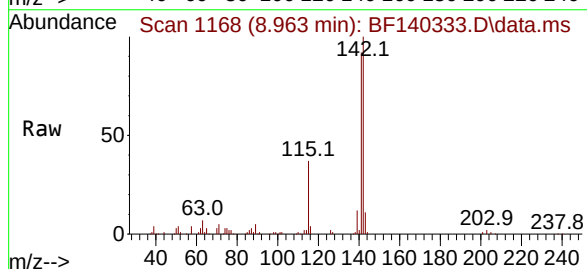
Acq: 13 Nov 2024 09:27

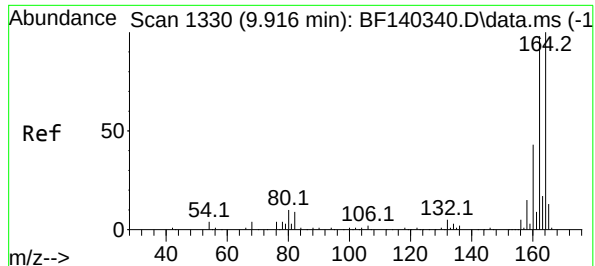
Tgt Ion:142 Resp: 102975

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 31734

Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.8

160 43.9 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh

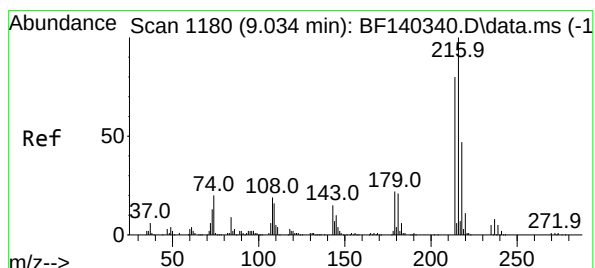
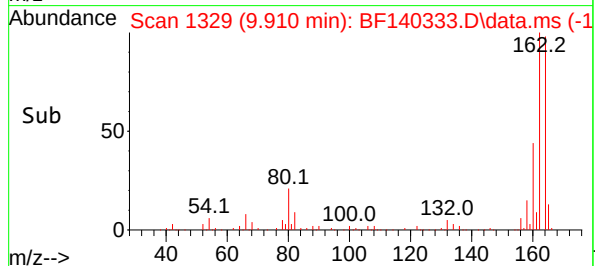
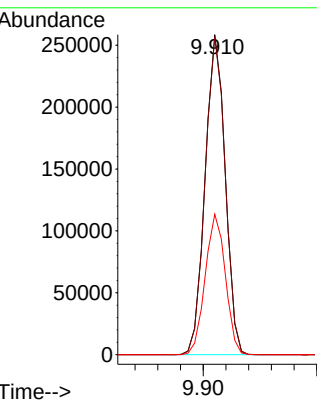
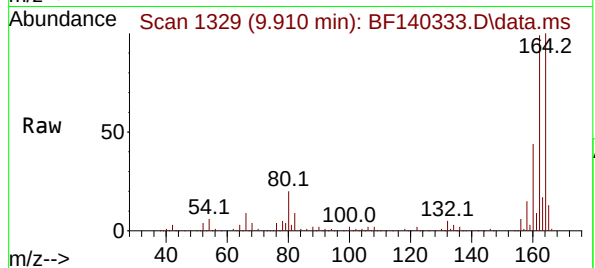
Patel

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.841 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:216 Resp: 51260

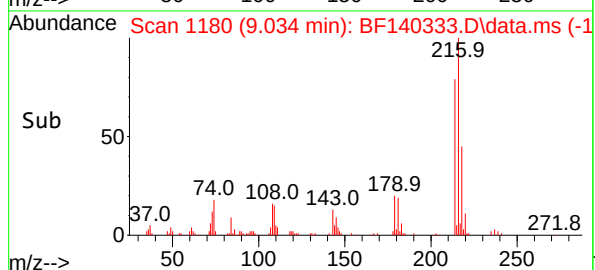
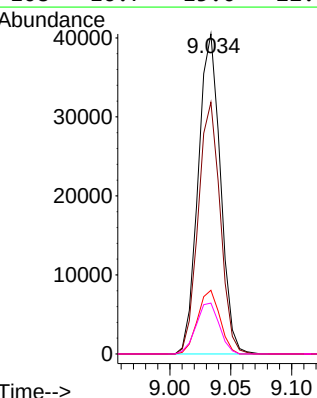
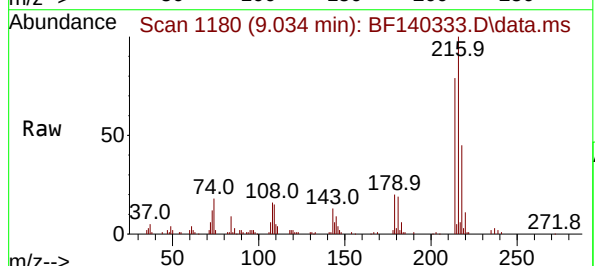
Ion Ratio Lower Upper

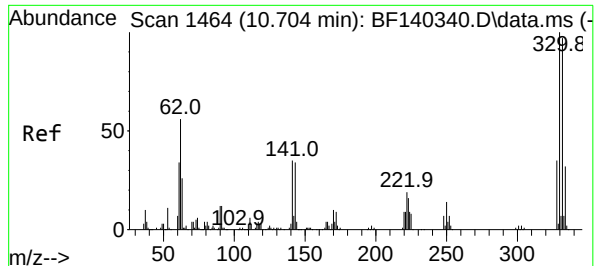
216 100

214 77.8 63.2 94.8

179 19.9 17.2 25.8

108 16.7 15.0 22.4





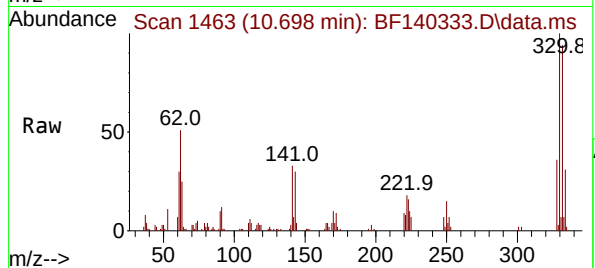
#42
2,4,6-Tribromophenol
Concen: 11.056 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005



Tgt Ion: 330 Resp: 34890
Ion Ratio Lower Upper
330 100
332 95.2 75.9 113.9
141 35.6 26.9 40.3

Manual Integrations
APPROVED

Reviewed By :Yogesh

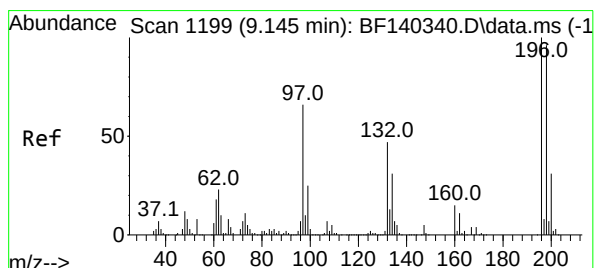
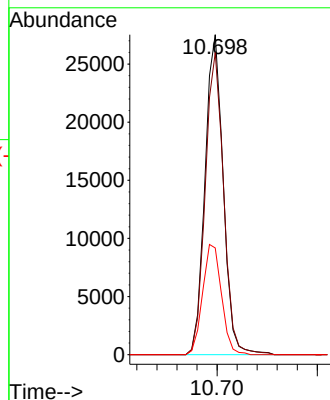
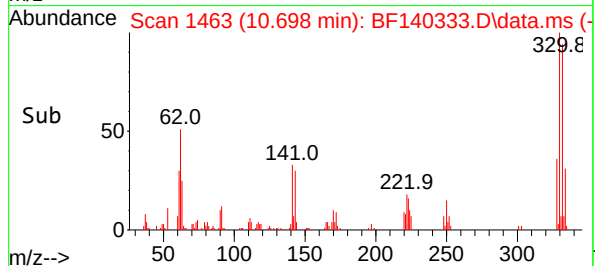
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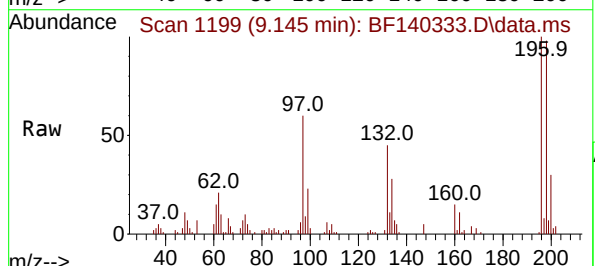
Supervised By :mohammad

ahmed

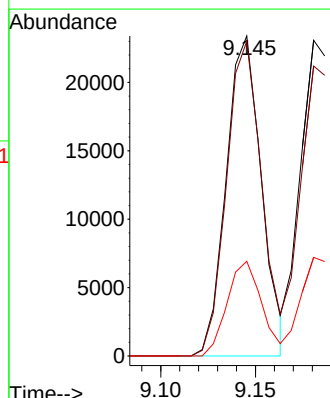
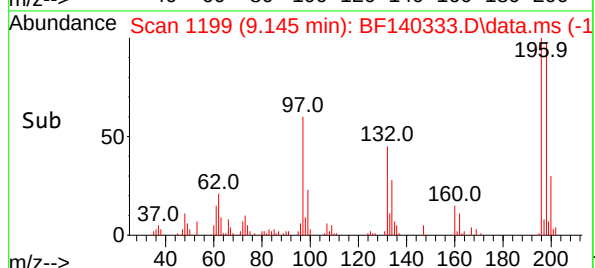
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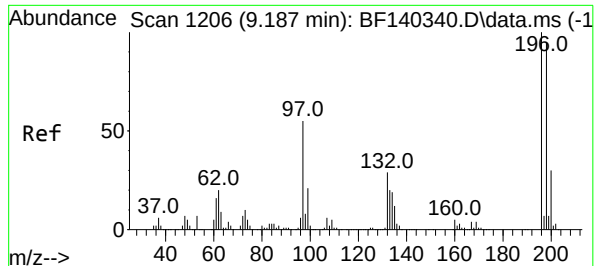


#43
2,4,6-Trichlorophenol
Concen: 5.239 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27



Tgt Ion: 196 Resp: 30173
Ion Ratio Lower Upper
196 100
198 98.4 77.0 115.4
200 29.6 24.2 36.4





#44

2,4,5-Trichlorophenol

Concen: 5.310 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140333.D

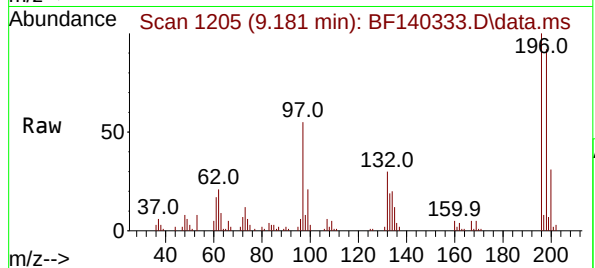
Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 33434

Ion Ratio Lower Upper

196 100

198 91.9 77.6 116.4

97 55.3 45.4 68.2

132 29.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh

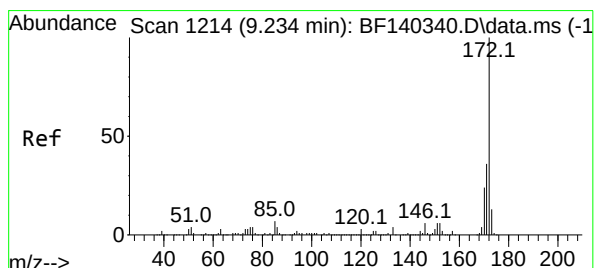
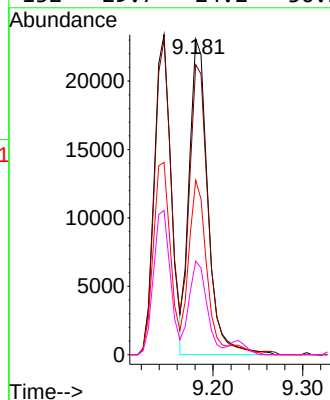
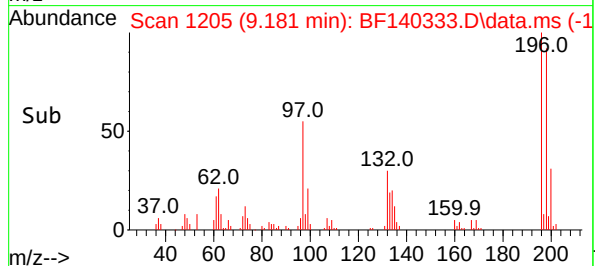
Patel

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#45

2-Fluorobiphenyl

Concen: 12.246 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

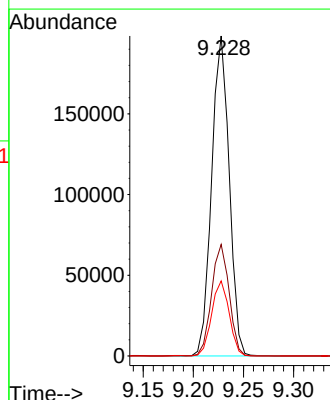
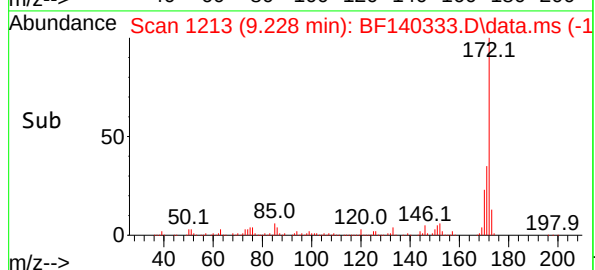
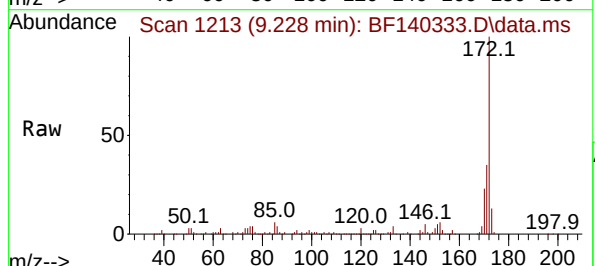
Tgt Ion:172 Resp: 241751

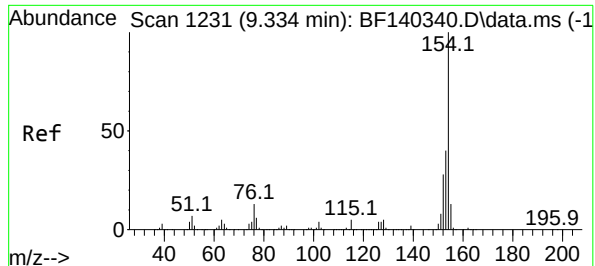
Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

170 23.5 19.1 28.7





#46

1,1'-Biphenyl

Concen: 5.808 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:154 Resp: 134098

Ion Ratio Lower Upper

154 100

153 39.3 20.4 60.4

76 11.9 0.0 32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh

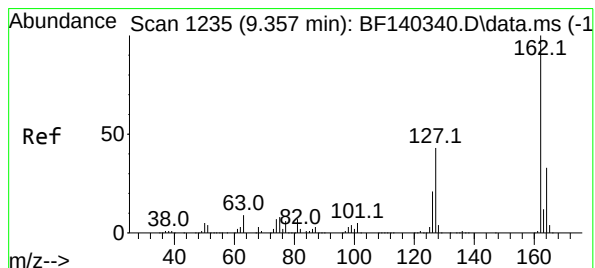
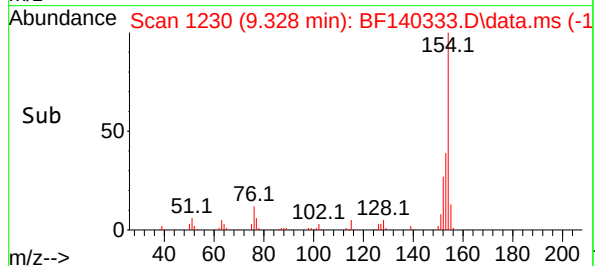
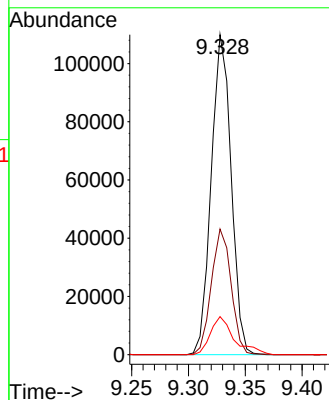
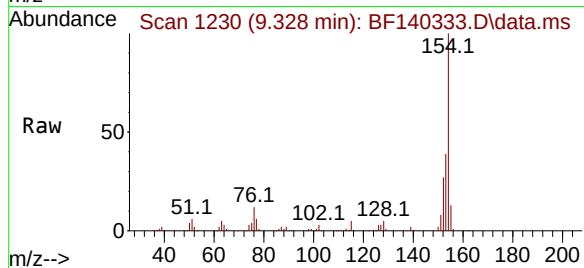
Patel

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#47

2-Chloronaphthalene

Concen: 5.768 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

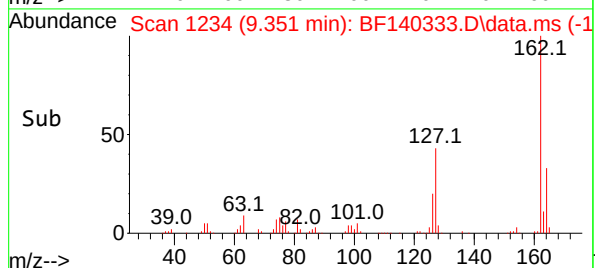
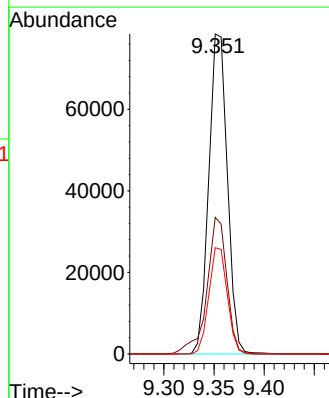
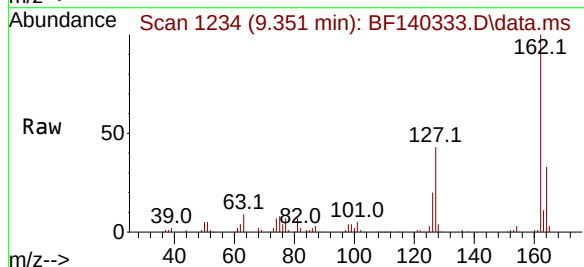
Tgt Ion:162 Resp: 101447

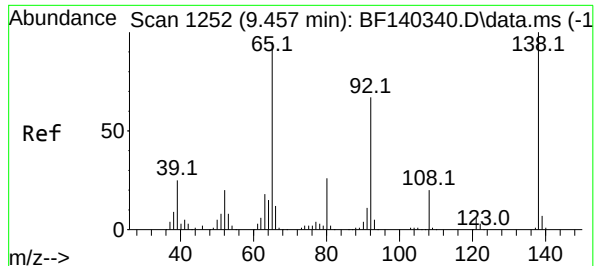
Ion Ratio Lower Upper

162 100

127 42.7 34.0 51.0

164 33.2 26.5 39.7





#48

2-Nitroaniline

Concen: 5.143 ng

RT: 9.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:	65	Resp:	2999
Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.4	84.6
138	105.3	84.8	127.2

Manual Integrations
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Reviewed By :Yogesh

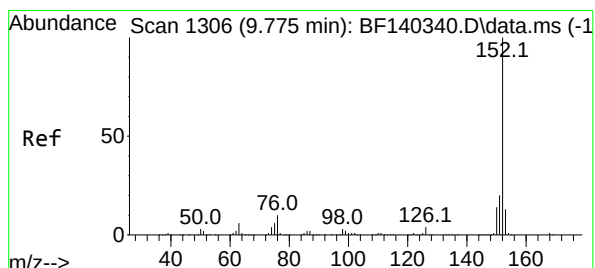
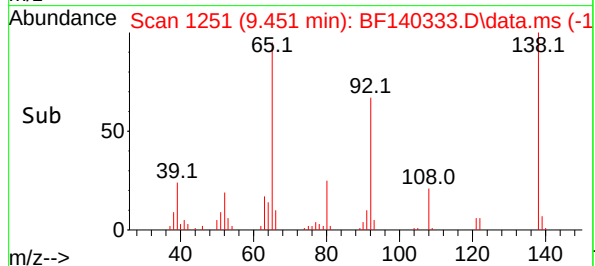
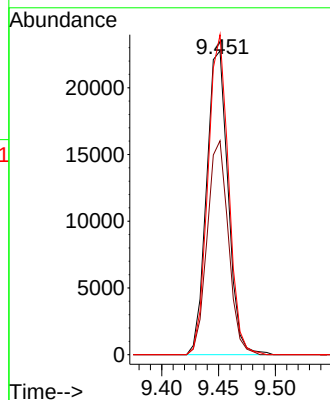
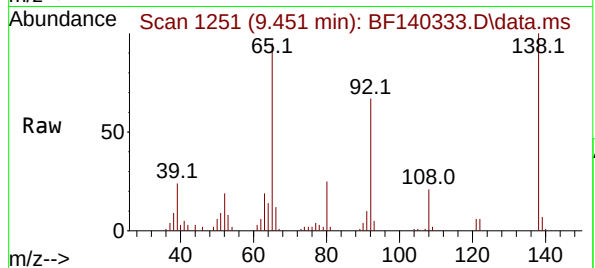
Patel

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#49

Acenaphthylene

Concen: 5.783 ng

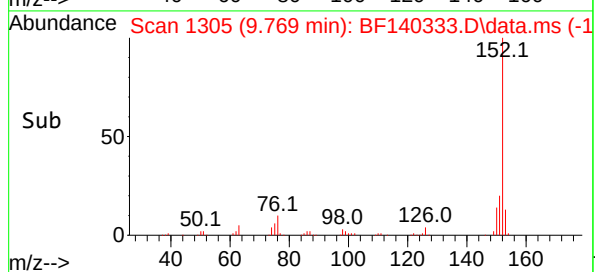
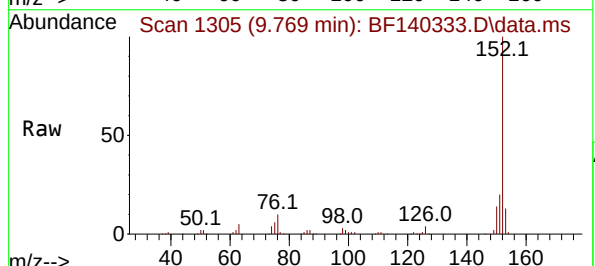
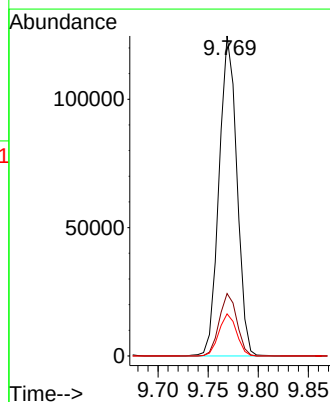
RT: 9.769 min Scan# 1305

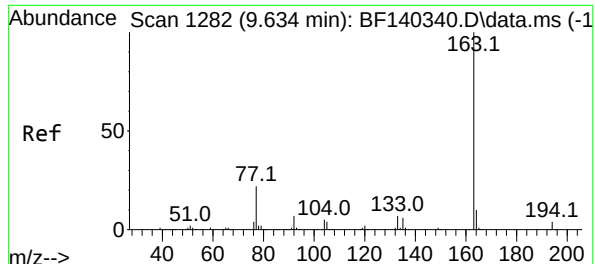
Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:	152	Resp:	153886
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.1	10.7	16.1





#50

Dimethylphthalate

Concen: 5.614 ng

RT: 9.622 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:163 Resp: 11613

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

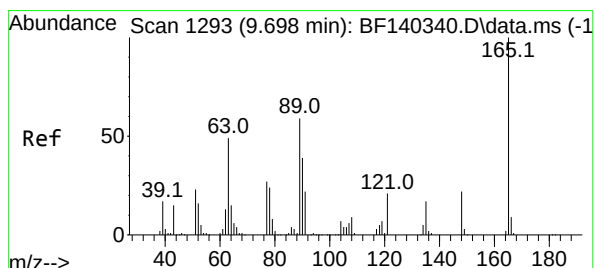
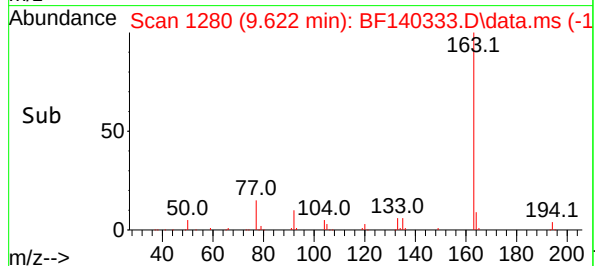
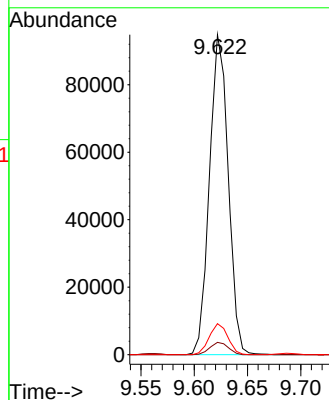
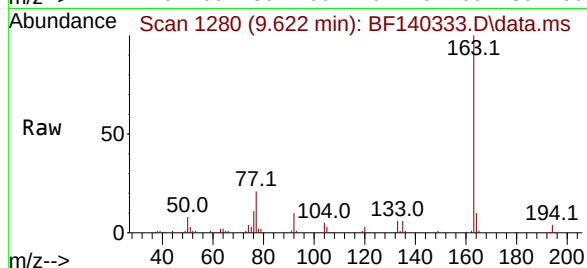
Patel

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#51

2,6-Dinitrotoluene

Concen: 5.341 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

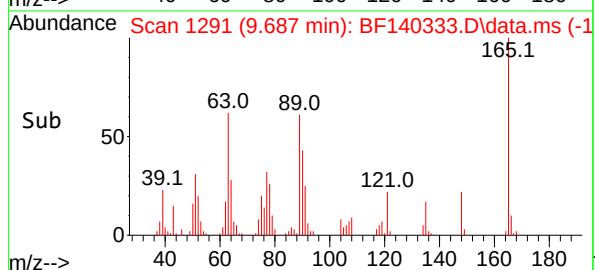
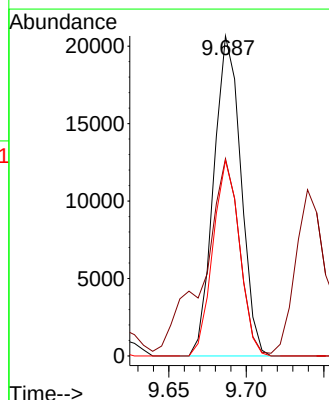
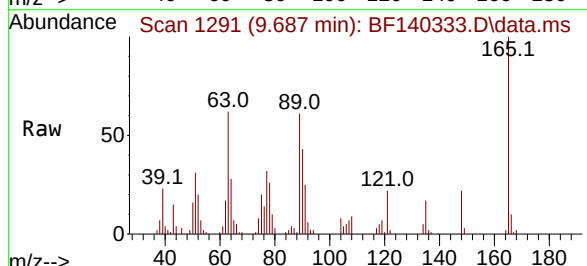
Tgt Ion:165 Resp: 25188

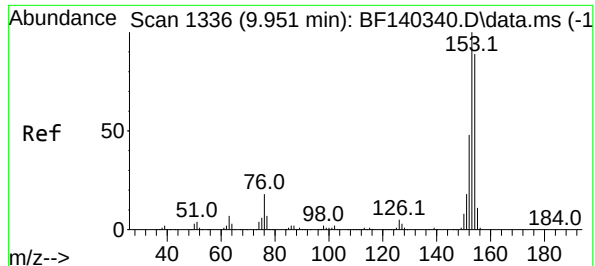
Ion Ratio Lower Upper

165 100

63 61.6 47.6 71.4

89 61.1 48.1 72.1





#52

Acenaphthene

Concen: 5.559 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:154 Resp: 9989

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.8

152 55.5 42.6 64.0

Manual Integrations

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Reviewed By :Yogesh

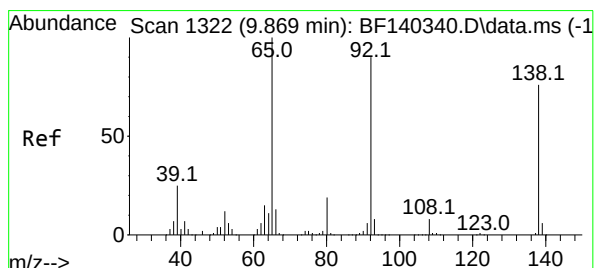
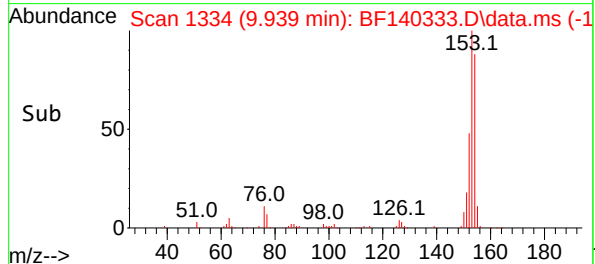
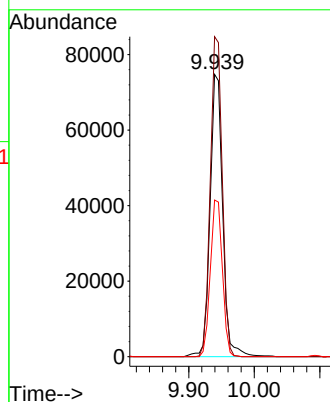
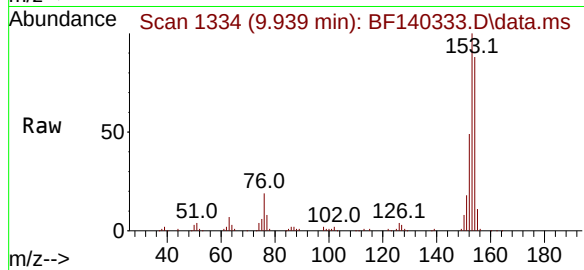
Patel

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#53

3-Nitroaniline

Concen: 5.332 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

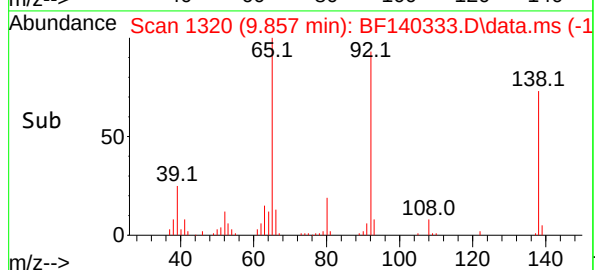
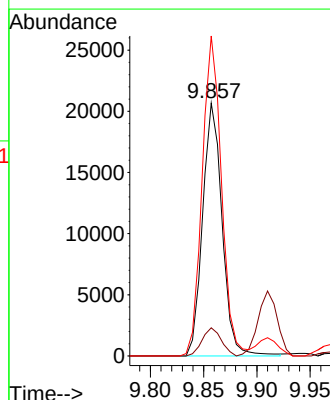
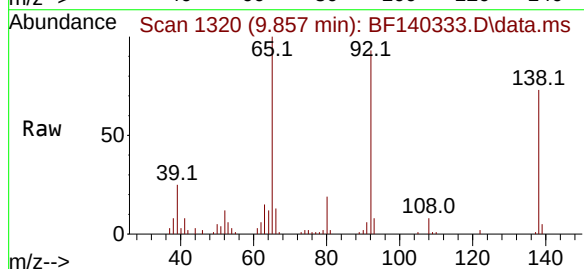
Tgt Ion:138 Resp: 26407

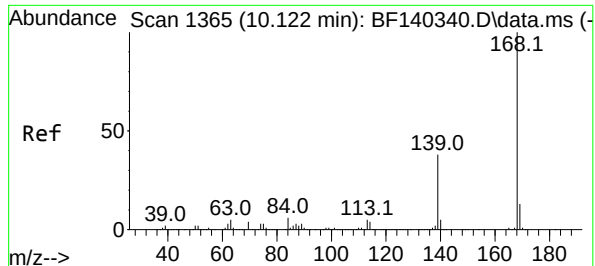
Ion Ratio Lower Upper

138 100

108 11.2 8.4 12.6

92 126.5 95.5 143.3





#55

Dibenzenofuran

Concen: 5.937 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 151058

Ion Ratio Lower Upper

168 100

139 36.8 30.8 46.2

169 12.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh

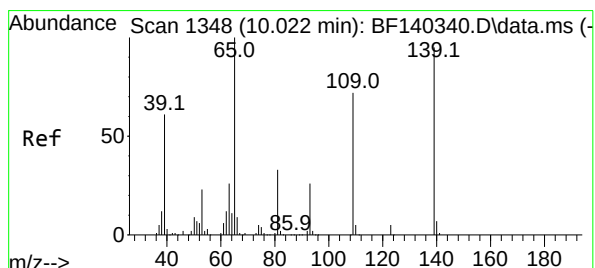
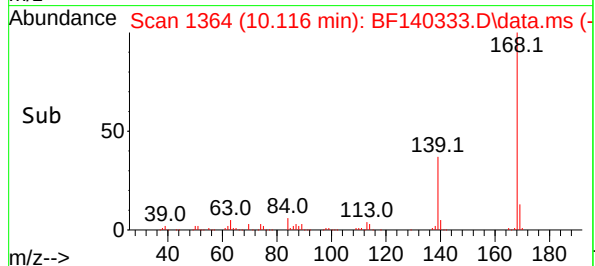
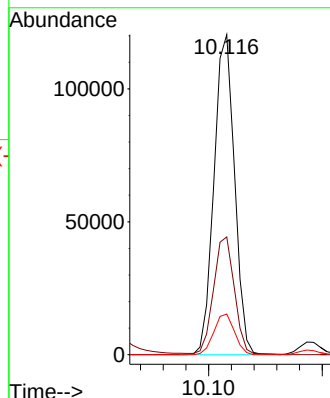
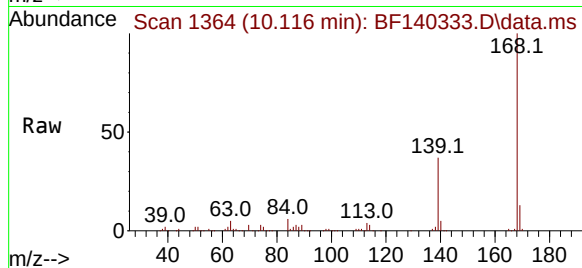
Patel

11/14/2024

Supervised By :mohammad

ahmed

11/14/2024



#56

4-Nitrophenol

Concen: 4.374 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

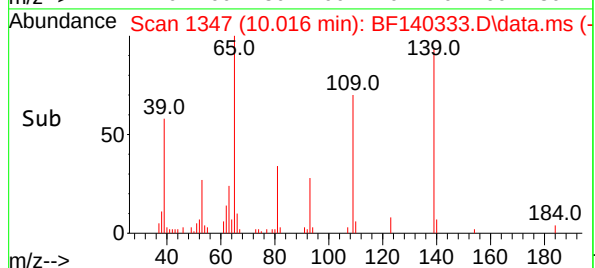
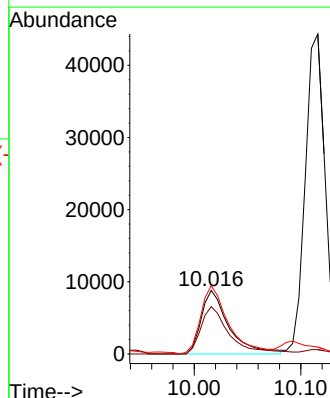
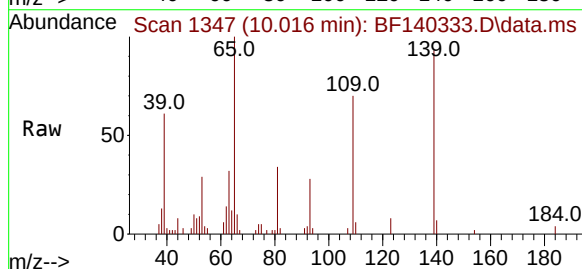
Tgt Ion:139 Resp: 15801

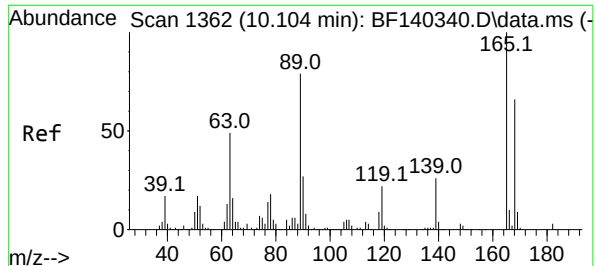
Ion Ratio Lower Upper

139 100

109 74.7 54.5 94.5

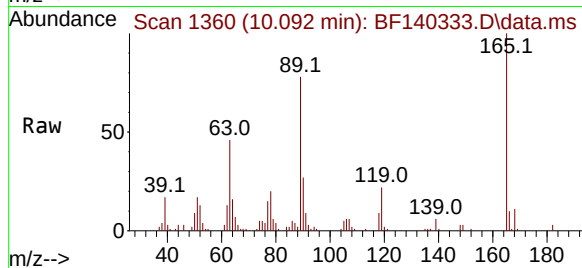
65 107.3 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 5.297 ng
RT: 10.092 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

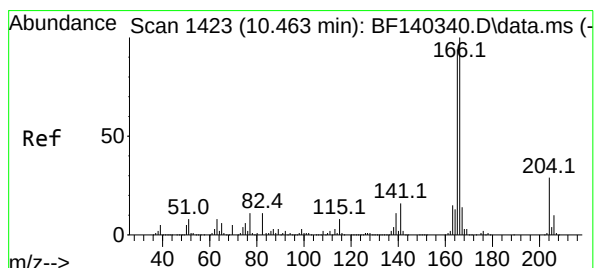
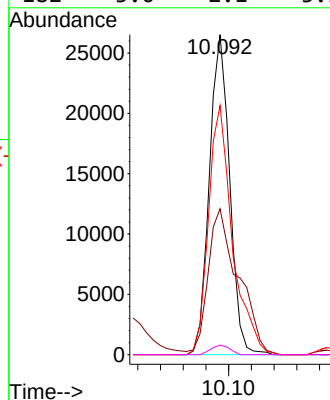
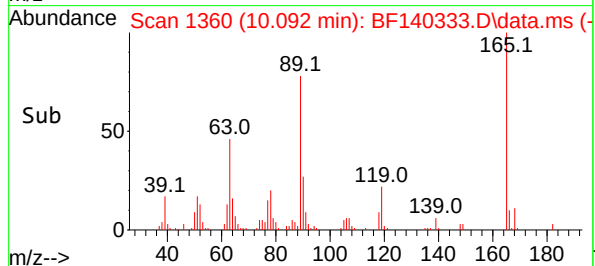


Tgt Ion:165 Resp: 3287
Ion Ratio Lower Upper
165 100
63 45.6 39.4 59.0
89 77.9 62.4 93.6
182 3.0 2.1 3.1

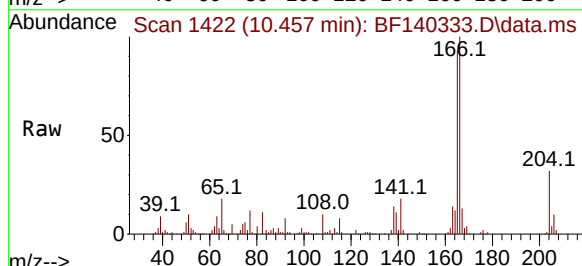
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
11/14/2024

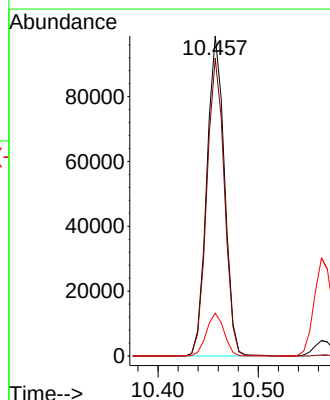
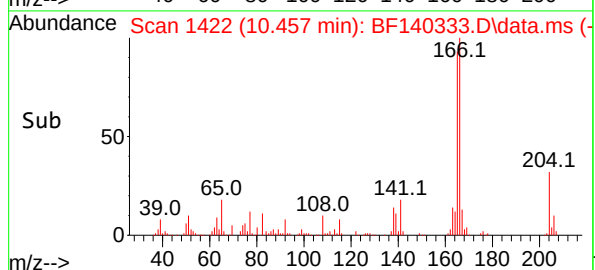
Supervised By :mohammad
ahmed
11/14/2024

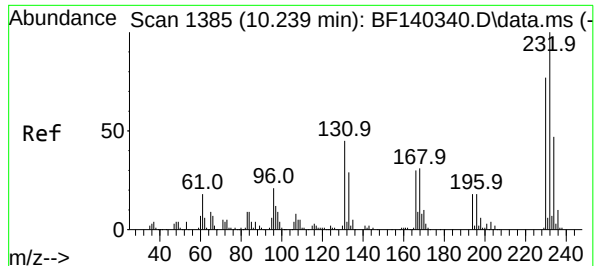


#58
Fluorene
Concen: 6.021 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27



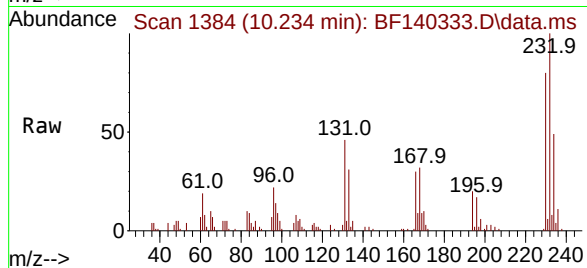
Tgt Ion:166 Resp: 121014
Ion Ratio Lower Upper
166 100
165 93.1 73.9 110.9
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.149 ng
RT: 10.234 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

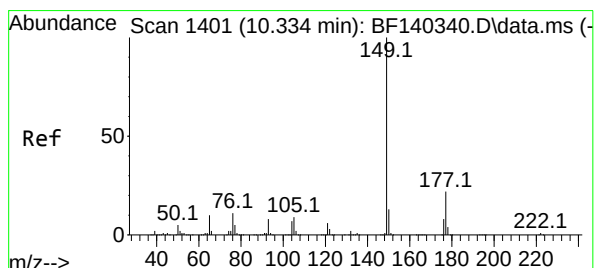
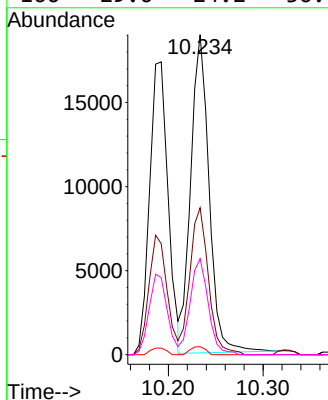
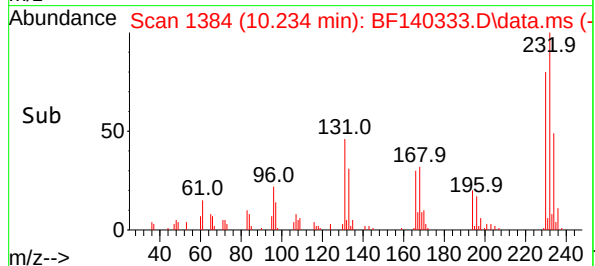


Tgt Ion:232 Resp: 25570
Ion Ratio Lower Upper
232 100
131 46.6 36.8 55.2
130 2.1 1.9 2.9
166 29.6 24.2 36.4

Manual Integrations
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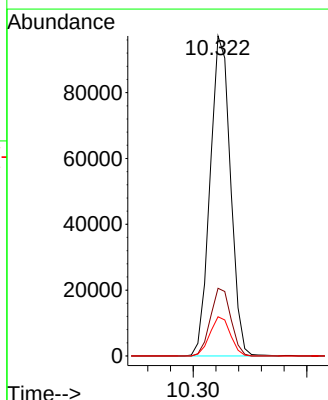
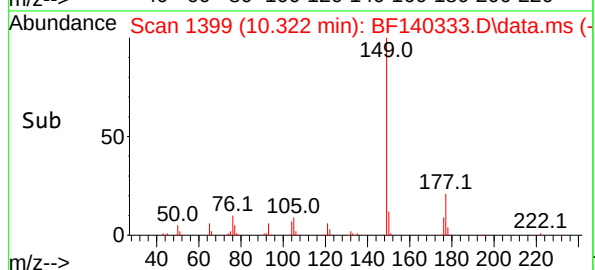
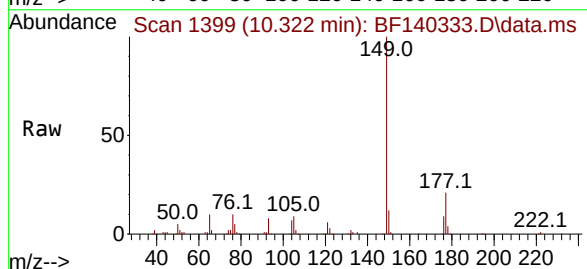
Reviewed By :Yogesh
Patel
11/14/2024

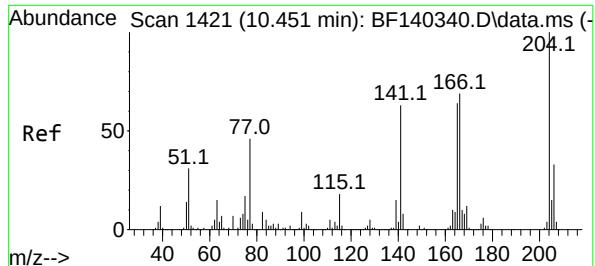
Supervised By :mohammad
ahmed
11/14/2024



#60
Diethylphthalate
Concen: 5.720 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

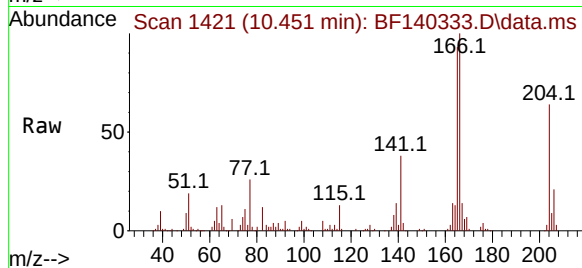
Tgt Ion:149 Resp: 120988
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 5.905 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

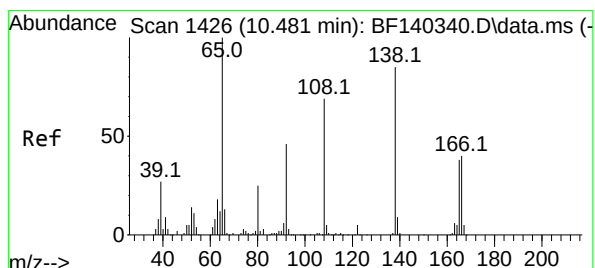
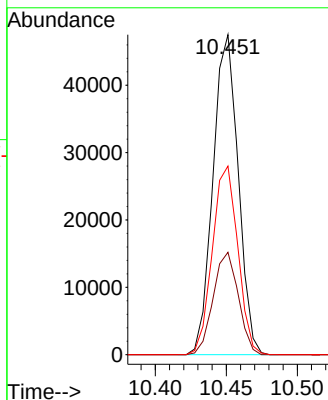
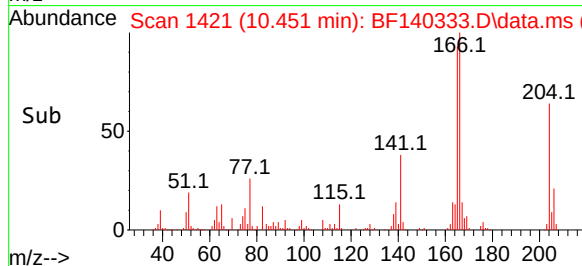


Tgt Ion:204 Resp: 5859
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 58.9 49.8 74.8

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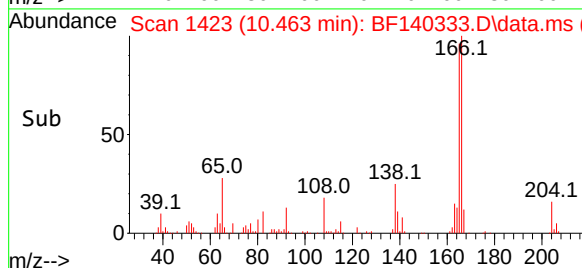
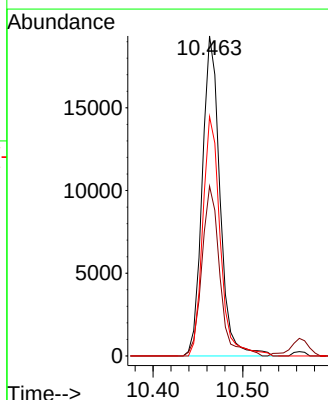
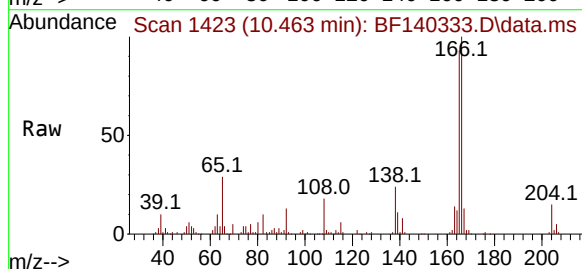
Reviewed By :Yogesh
Patel
11/14/2024

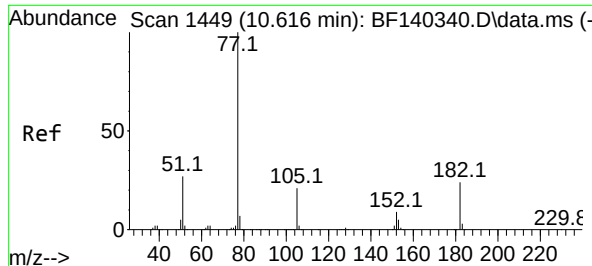
Supervised By :mohammad
ahmed
11/14/2024



#62
4-Nitroaniline
Concen: 5.249 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

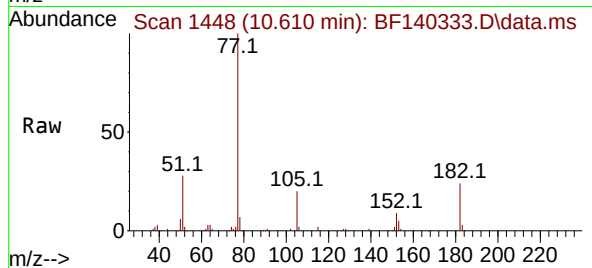
Tgt Ion:138 Resp: 26578
Ion Ratio Lower Upper
138 100
92 53.0 33.8 73.8
108 74.8 59.9 99.9





#63
Azobenzene
Concen: 5.685 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
Client SampleId :
SSTDICC005

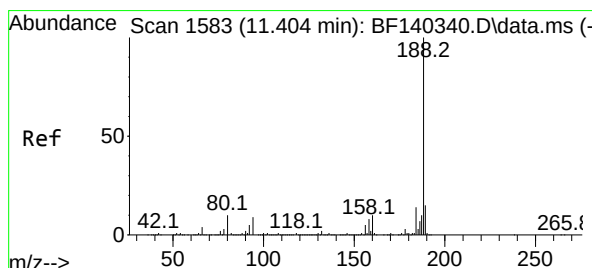
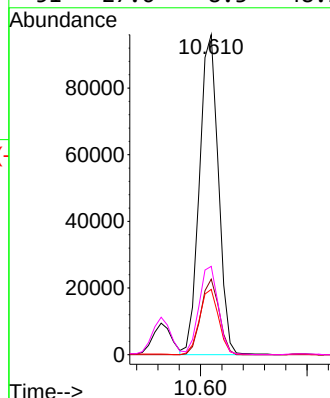
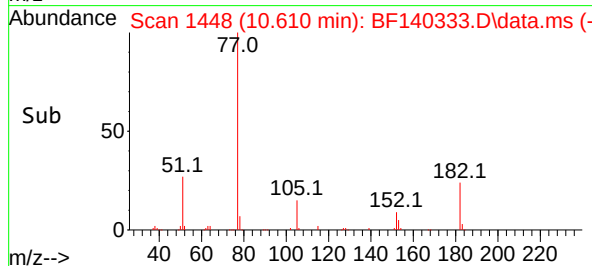


Tgt Ion: 77 Resp: 118810
Ion Ratio Lower Upper
77 100
182 23.6 4.6 44.6
105 20.4 0.9 40.9
51 27.6 8.3 48.3

Manual Integrations
APPROVED

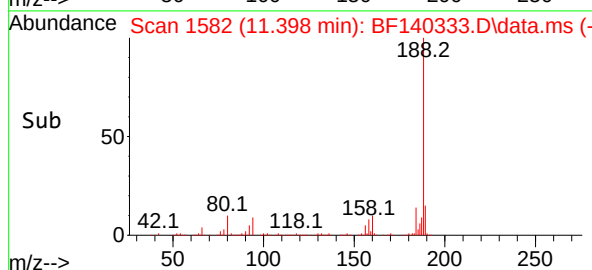
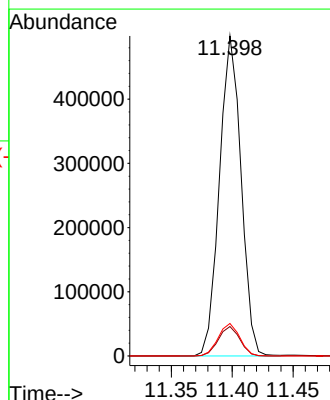
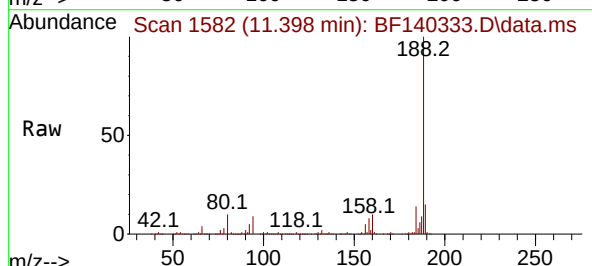
Reviewed By :Yogesh
Patel
11/14/2024

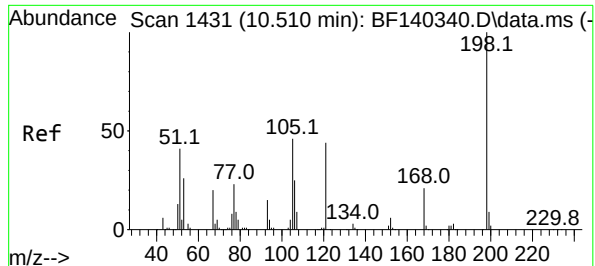
Supervised By :mohammad
ahmed
11/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

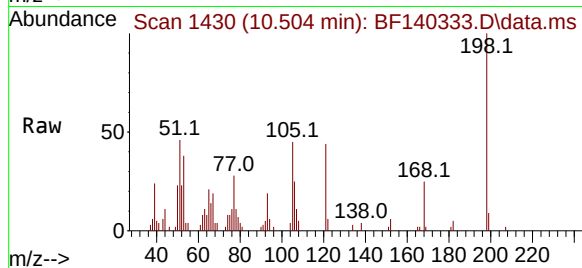
Tgt Ion:188 Resp: 615904
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.1 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 3.738 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

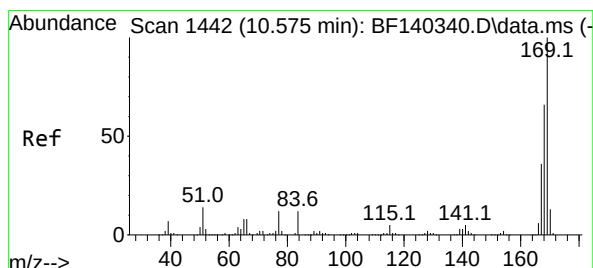
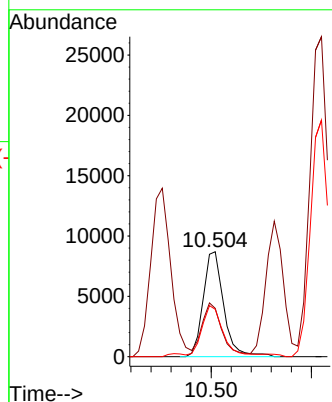
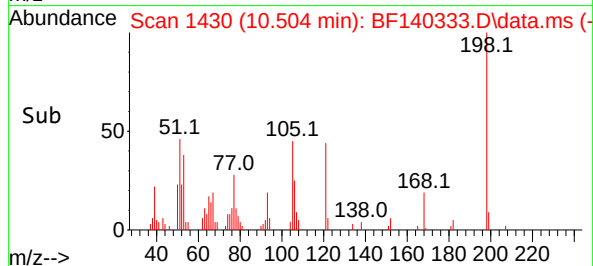


Tgt Ion:198 Resp: 12385
Ion Ratio Lower Upper
198 100
51 46.0 29.7 69.7
105 45.2 26.3 66.3

Manual Integrations
APPROVED

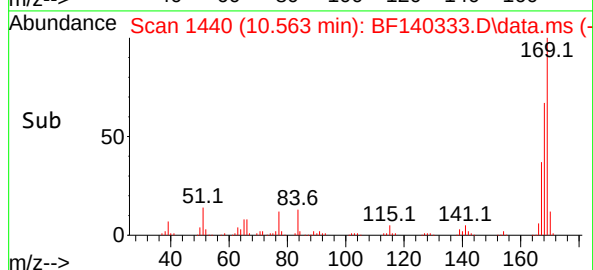
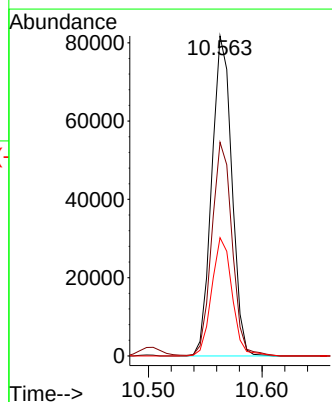
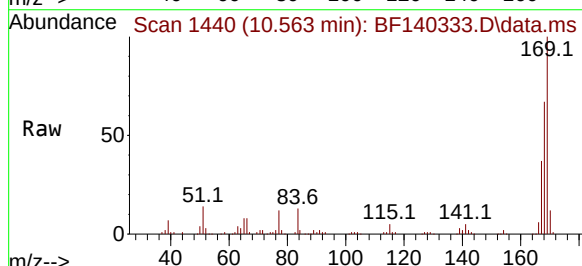
Reviewed By :Yogesh
Patel
11/14/2024

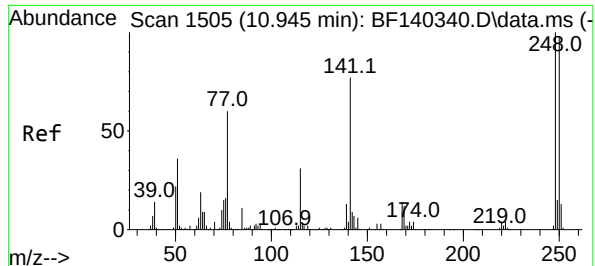
Supervised By :mohammad
ahmed
11/14/2024



#66
n-Nitrosodiphenylamine
Concen: 5.636 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

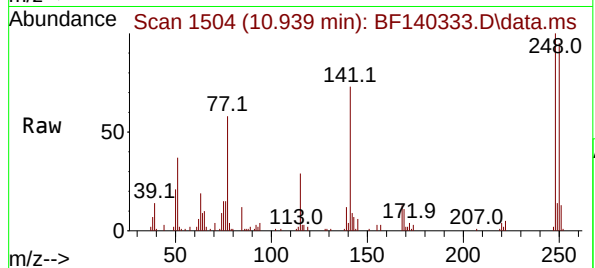
Tgt Ion:169 Resp: 100287
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 36.9 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 5.685 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

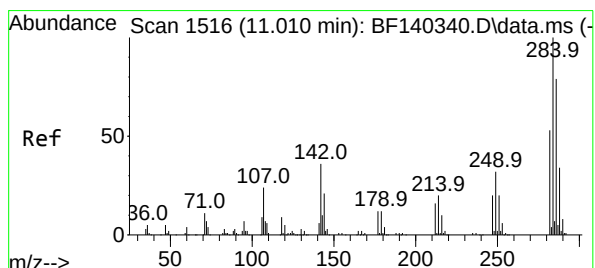
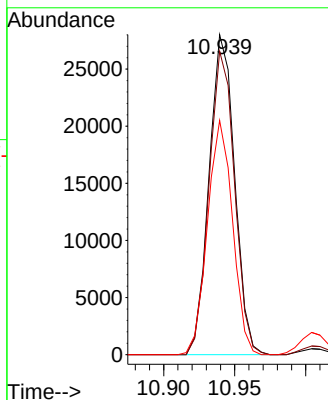
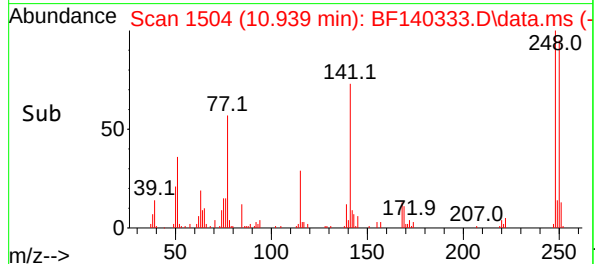


Tgt Ion:248 Resp: 3499
Ion Ratio Lower Upper
248 100
250 94.8 77.9 116.9
141 73.2 61.8 92.6

Manual Integrations
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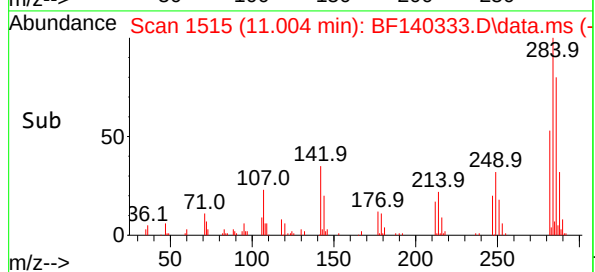
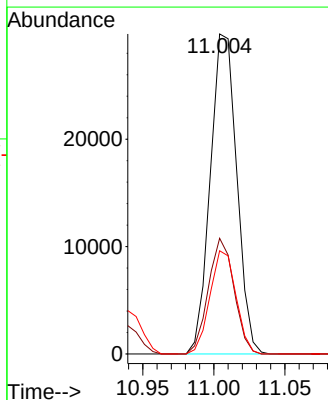
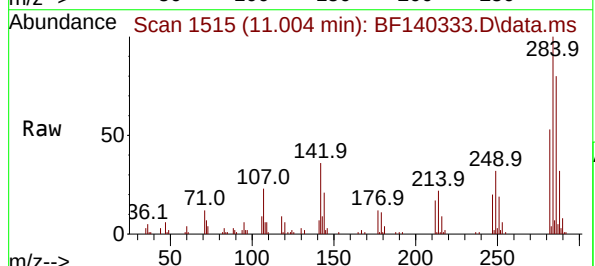
Reviewed By :Yogesh
Patel
11/14/2024

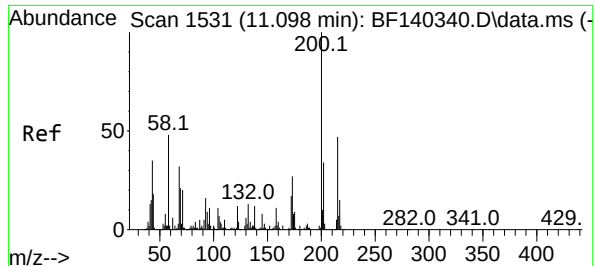
Supervised By :mohammad
ahmed
11/14/2024



#68
Hexachlorobenzene
Concen: 5.576 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:284 Resp: 38627
Ion Ratio Lower Upper
284 100
142 36.1 28.1 42.1
249 32.3 24.9 37.3





#69

Atrazine

Concen: 5.472 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:200 Resp: 29460

Ion Ratio Lower Upper

200 100

173 28.1 6.6 46.6

215 49.4 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh

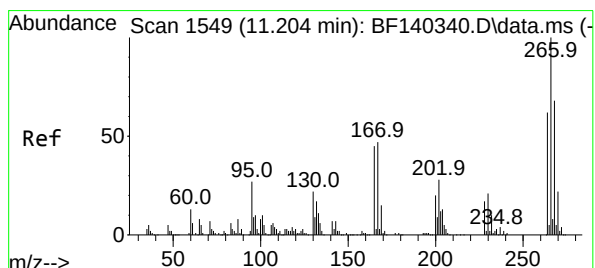
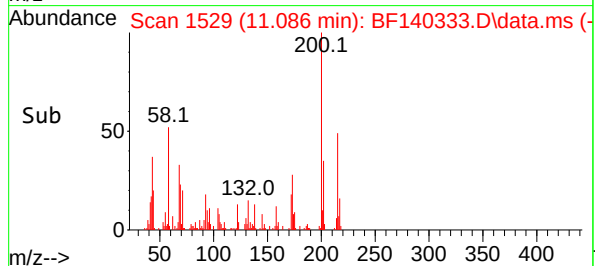
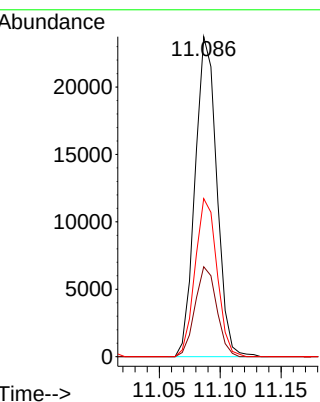
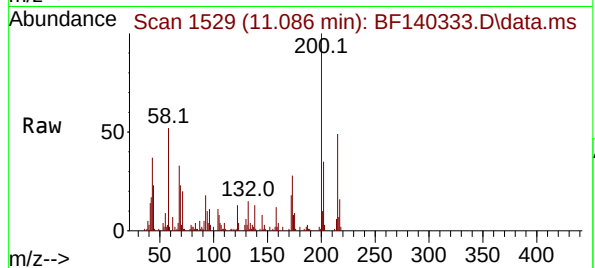
Patel

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Supervised By :mohammad

ahmed

11/14/2024



#70

Pentachlorophenol

Concen: 4.016 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

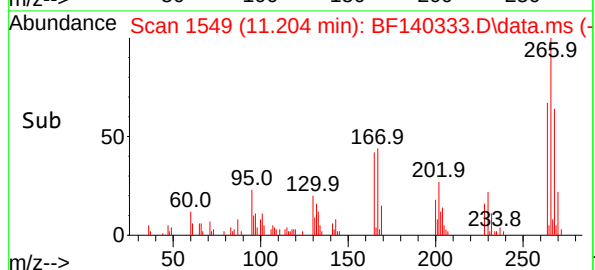
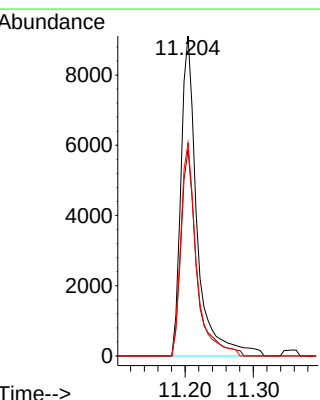
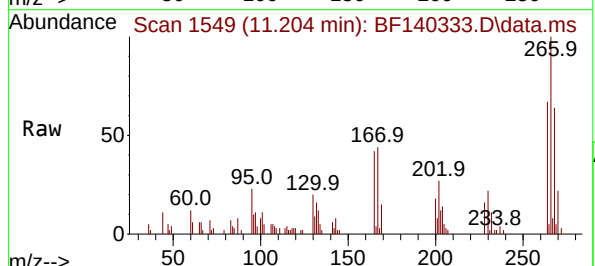
Tgt Ion:266 Resp: 14987

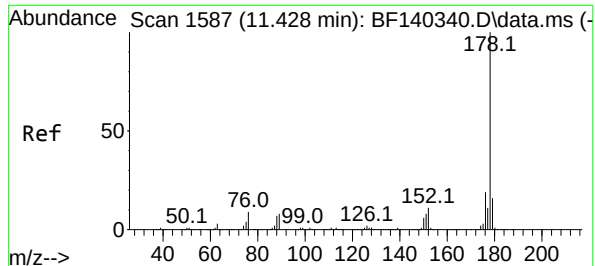
Ion Ratio Lower Upper

266 100

268 64.3 52.9 79.3

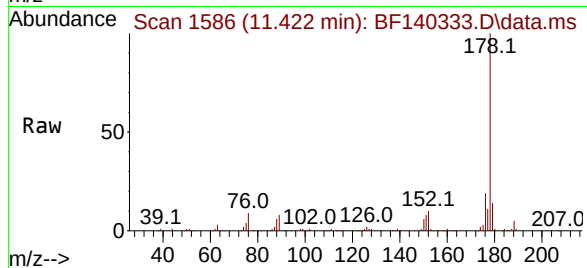
264 66.6 50.3 75.5





#71
Phenanthrene
Concen: 5.832 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

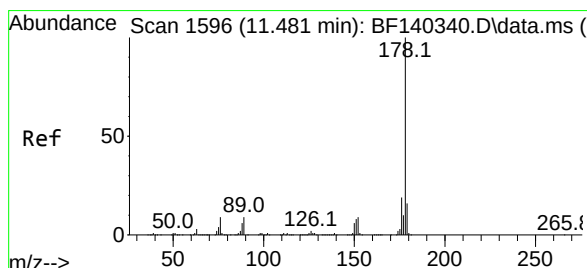
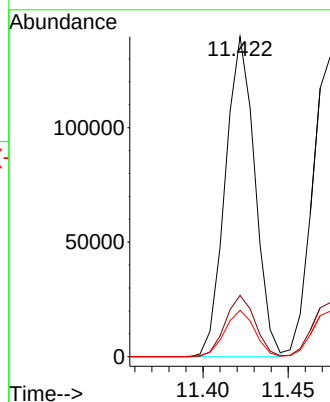
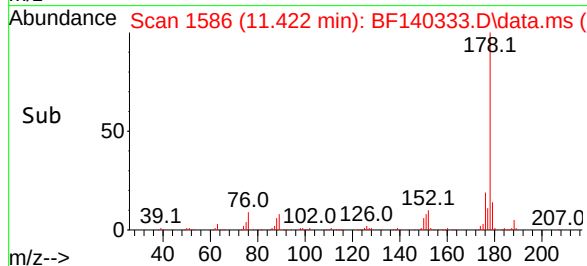


Tgt Ion:178 Resp: 16874
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 14.5 12.4 18.6

Manual Integrations
APPROVED

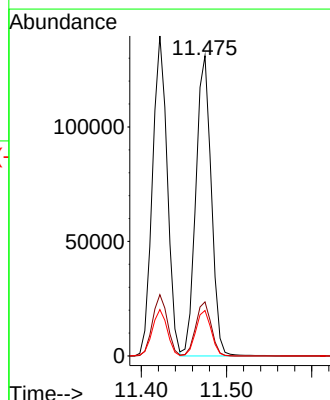
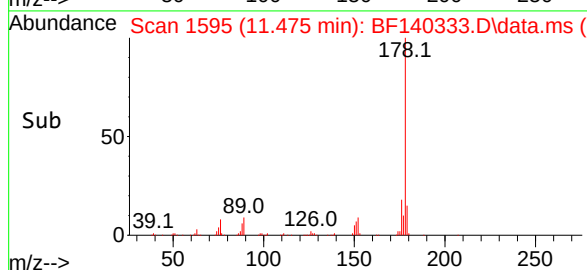
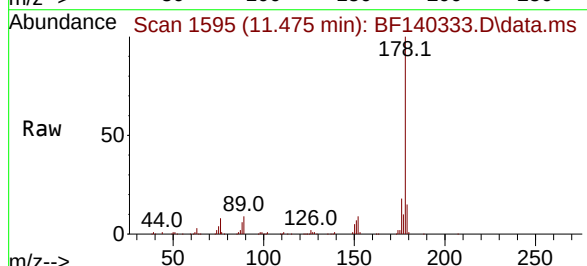
Reviewed By :Yogesh
Patel
11/14/2024

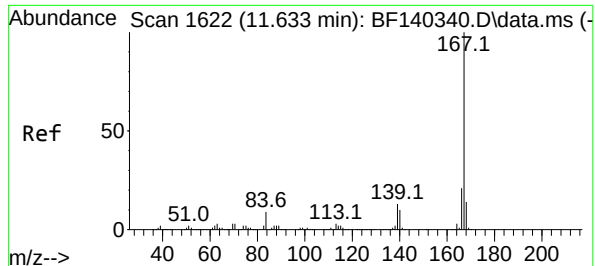
Supervised By :mohammad
ahmed
11/14/2024



#72
Anthracene
Concen: 5.816 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

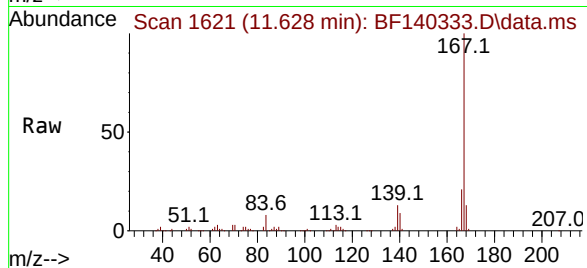
Tgt Ion:178 Resp: 164923
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 15.2 12.6 18.8





#73
Carbazole
Concen: 5.789 ng
RT: 11.628 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

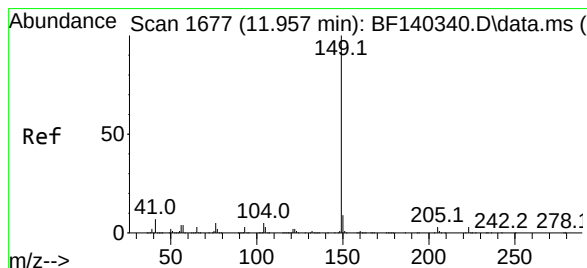
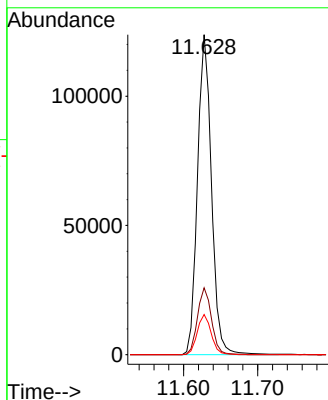
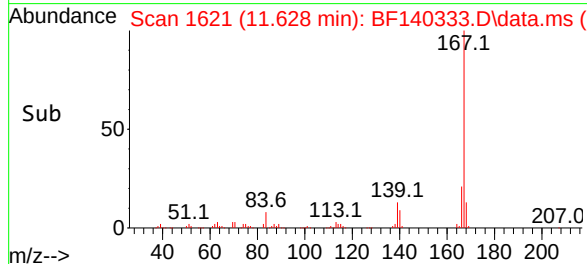


Tgt Ion:167 Resp: 162080
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 12.6 10.4 15.6

Manual Integrations
APPROVED

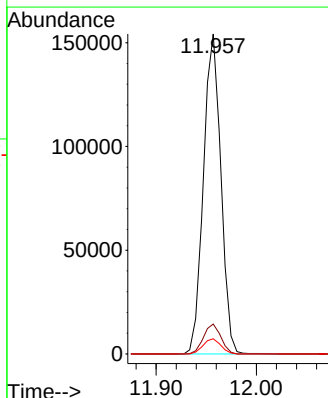
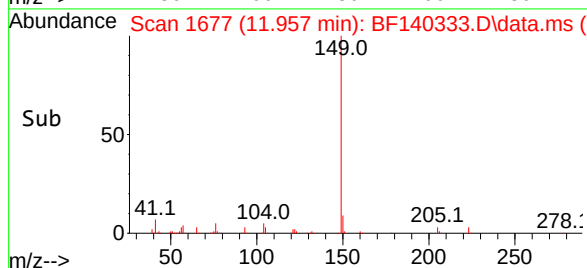
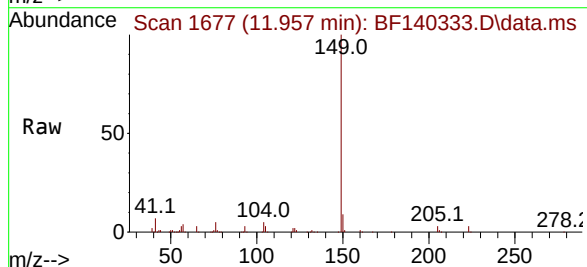
Reviewed By :Yogesh
Patel
11/14/2024

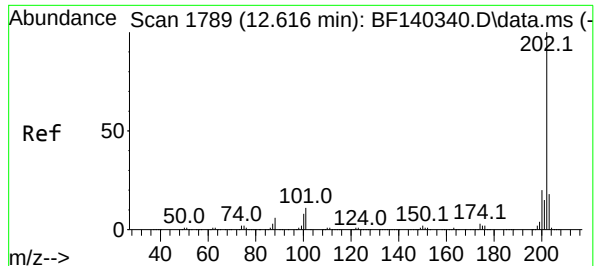
Supervised By :mohammad
ahmed
11/14/2024



#74
Di-n-butylphthalate
Concen: 5.563 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

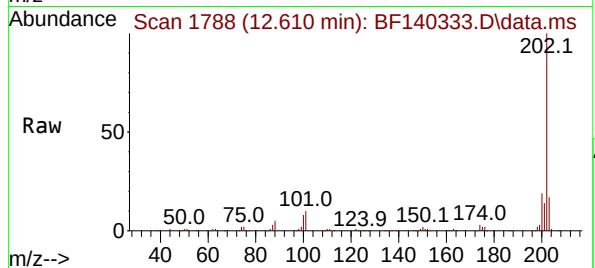
Tgt Ion:149 Resp: 186931
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 5.956 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

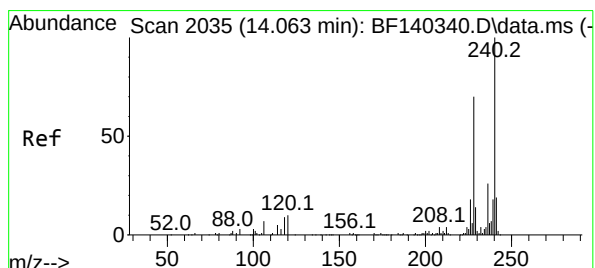
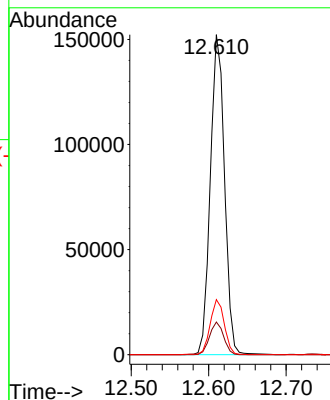
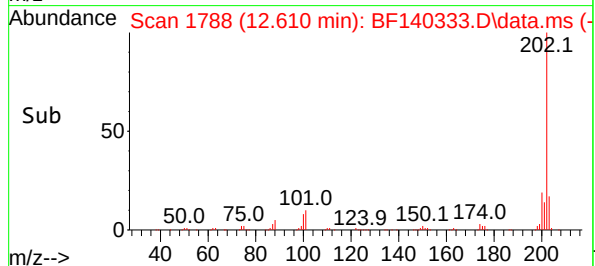


Tgt Ion:202 Resp: 193340
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.2 0.0 37.7

Manual Integrations
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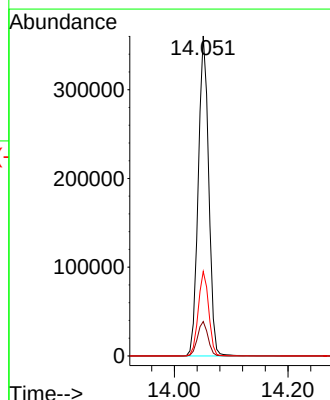
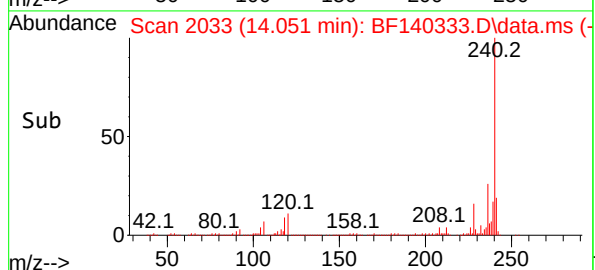
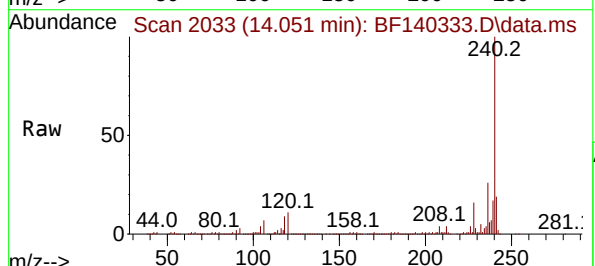
Reviewed By :Yogesh
Patel
11/14/2024

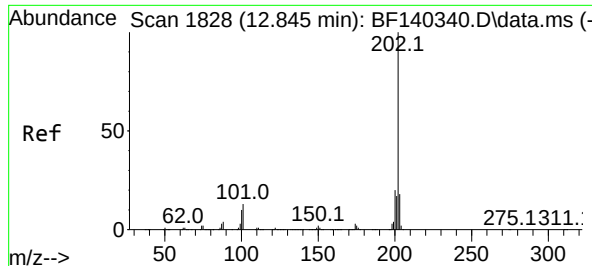
Supervised By :mohammad
ahmed
11/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:240 Resp: 462864
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 26.4 20.9 31.3





#78
Pyrene
Concen: 5.109 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

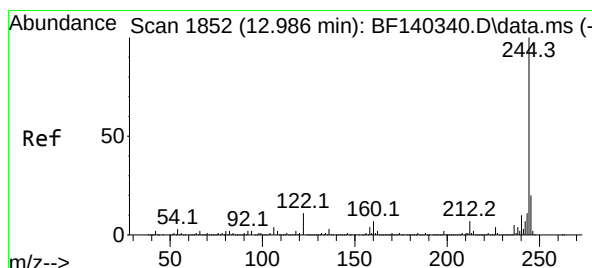
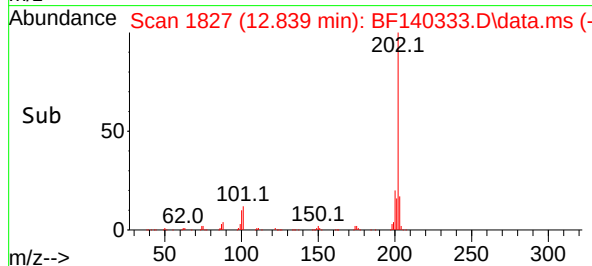
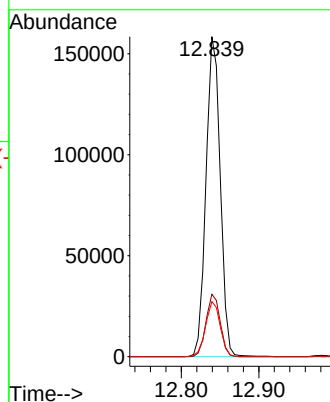
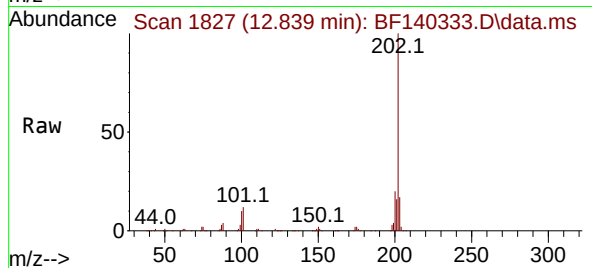
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 202260
Ion Ratio Lower Upper
202 100
200 19.5 16.2 24.2
203 17.2 14.2 21.4

Manual Integrations
APPROVED

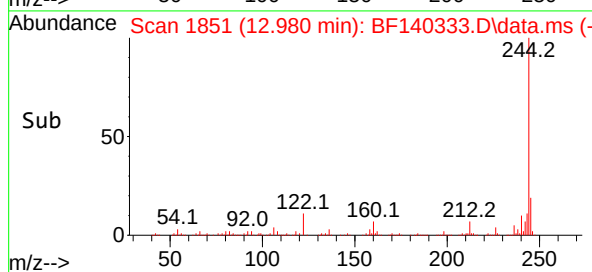
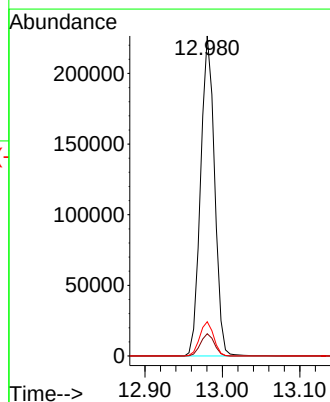
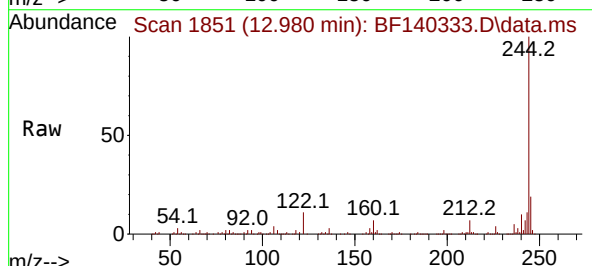
Reviewed By :Yogesh
Patel
11/14/2024

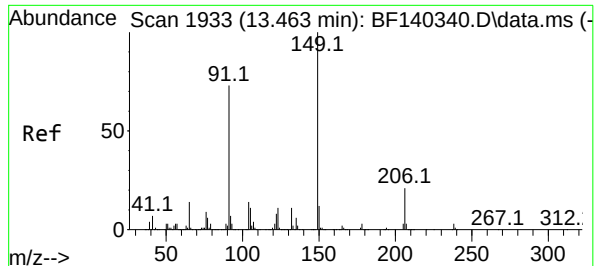
Supervised By :mohammad
ahmed
11/14/2024



#79
Terphenyl-d14
Concen: 10.644 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:244 Resp: 283824
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.7 8.8 13.2





#80

Butylbenzylphthalate

Concen: 4.870 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:	149	Resp:	7407
Ion Ratio	Lower	Upper	
149	100		
91	72.3	61.0	91.4
206	20.0	16.1	24.1

Manual Integrations
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Reviewed By :Yogesh

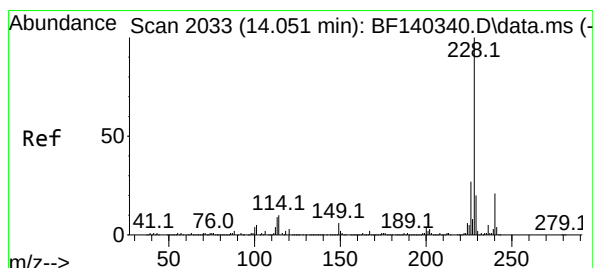
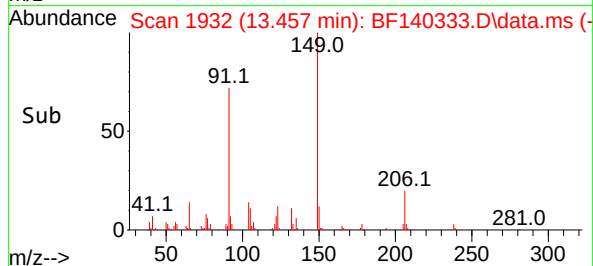
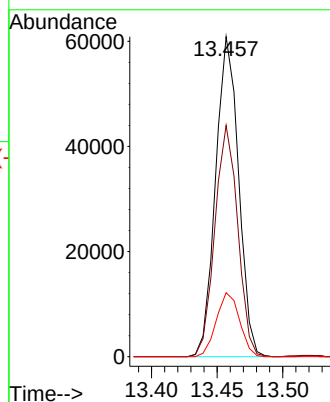
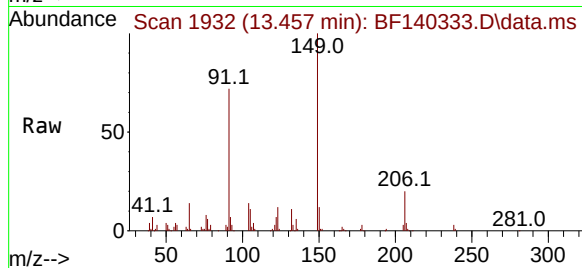
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#81

Benzo(a)anthracene

Concen: 5.518 ng

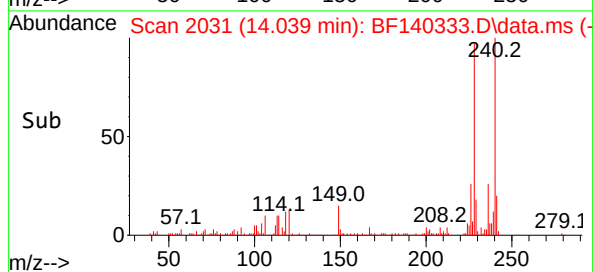
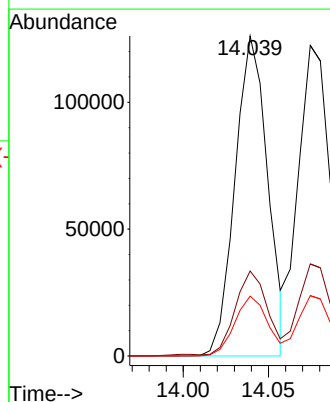
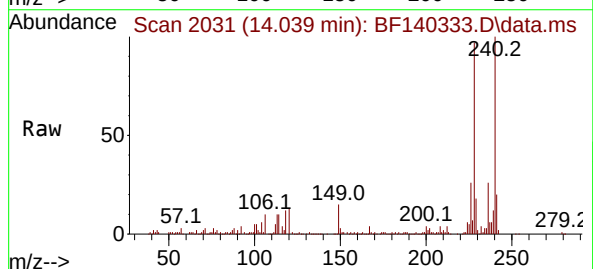
RT: 14.039 min Scan# 2031

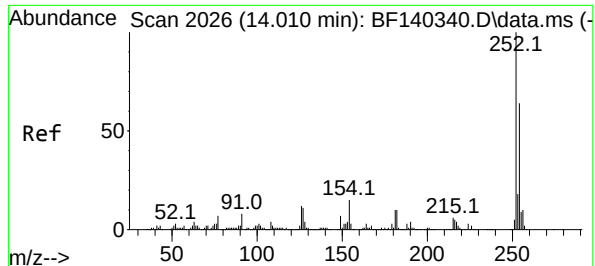
Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:	228	Resp:	167855
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.2	33.4
229	18.7	15.8	23.6





#82

3,3'-Dichlorobenzidine

Concen: 5.237 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:252	Resp: 50630
Ion Ratio	Lower Upper
252 100	
254 63.0	51.4 77.2
126 10.6	9.4 14.0

Manual Integrations
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Reviewed By :Yogesh

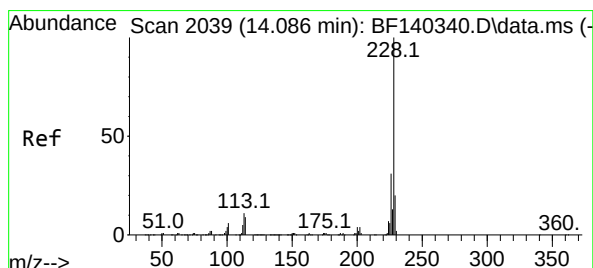
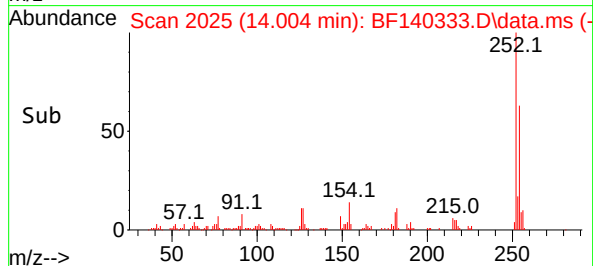
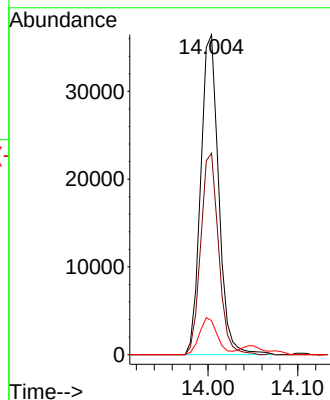
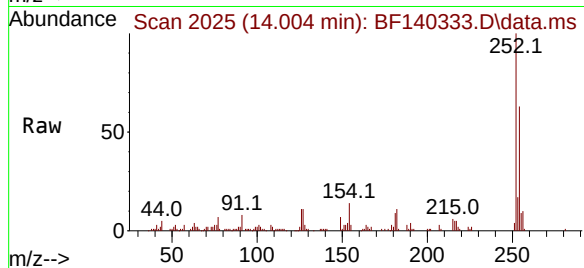
Patel

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Supervised By :mohammad

ahmed

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#83

Chrysene

Concen: 5.810 ng

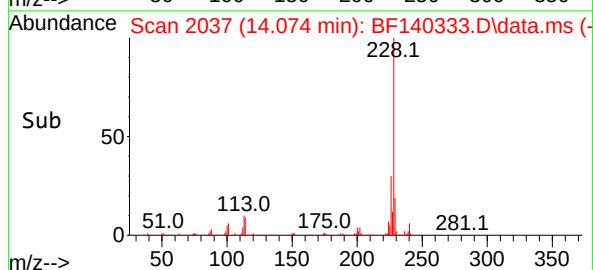
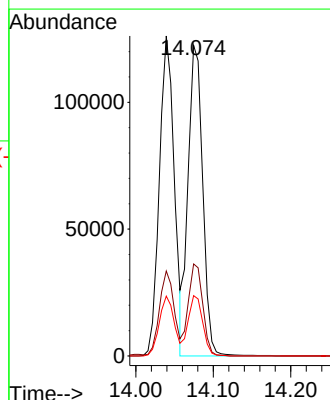
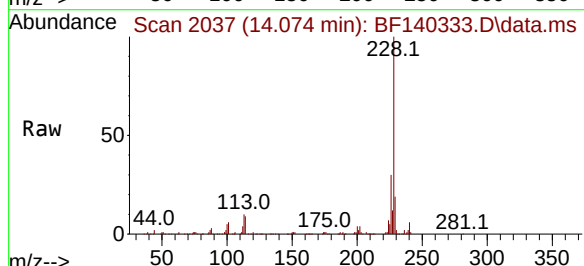
RT: 14.074 min Scan# 2037

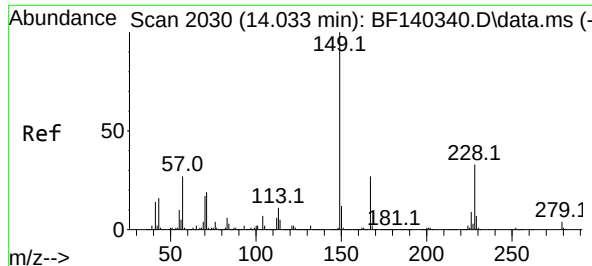
Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

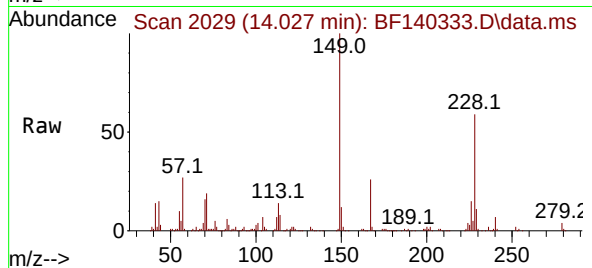
Tgt Ion:228	Resp: 161255
Ion Ratio	Lower Upper
228 100	
226 29.6	24.5 36.7
229 19.4	16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.051 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

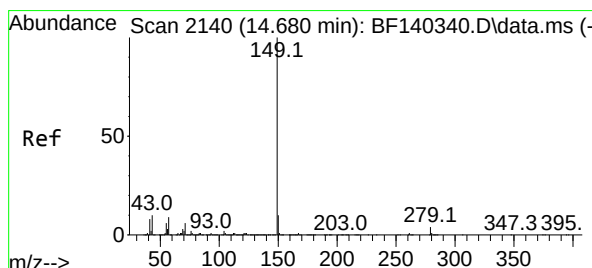
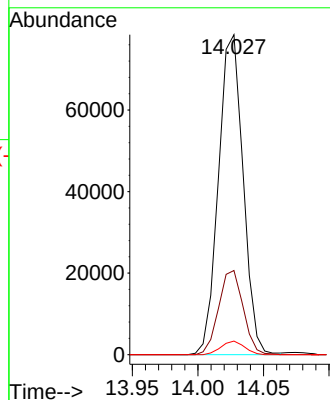
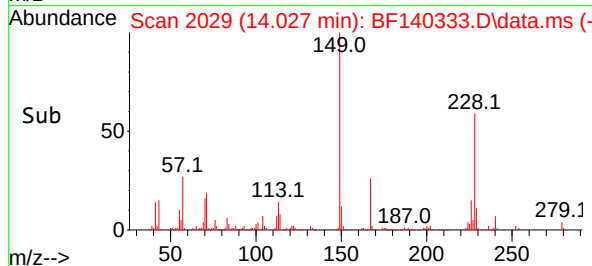


Tgt Ion:149 Resp: 102534
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 4.2 3.0 4.6

Manual Integrations
APPROVED

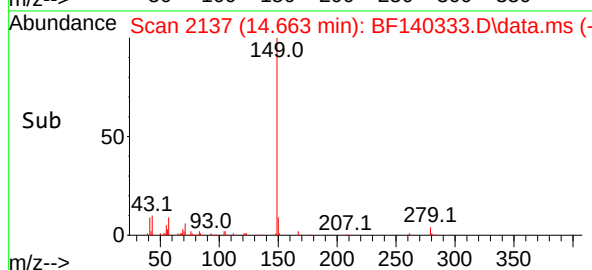
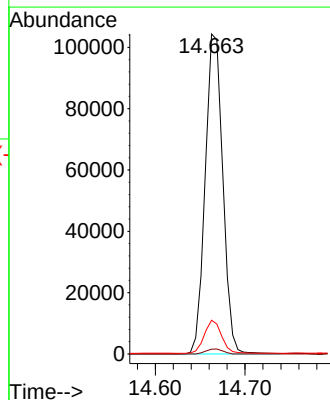
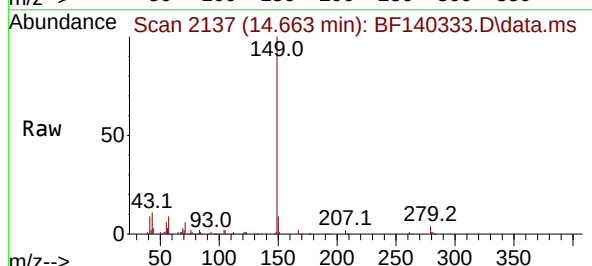
Reviewed By :Yogesh
Patel
11/14/2024

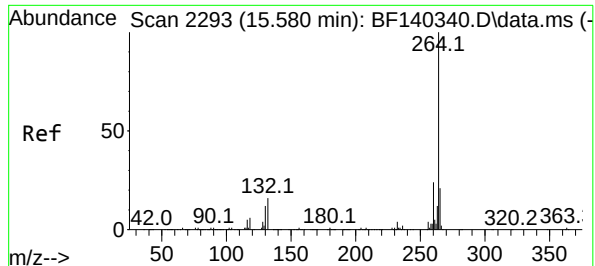
Supervised By :mohammad
ahmed
11/14/2024



#85
Di-n-octyl phthalate
Concen: 4.984 ng
RT: 14.663 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

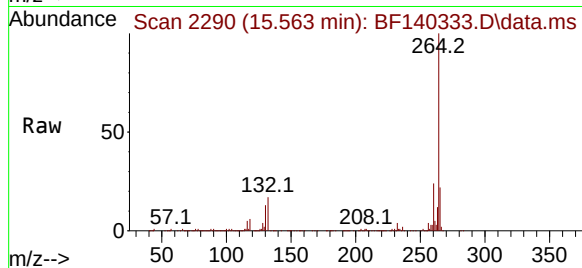
Tgt Ion:149 Resp: 142493
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

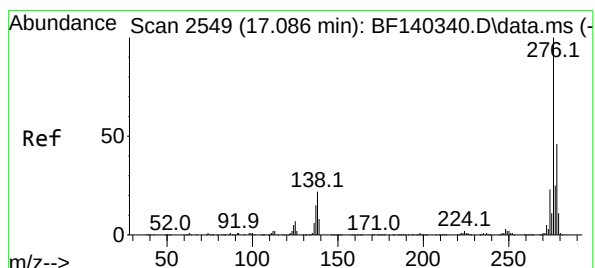
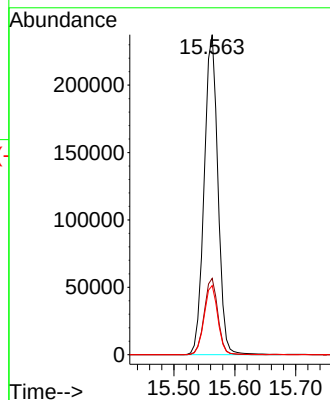
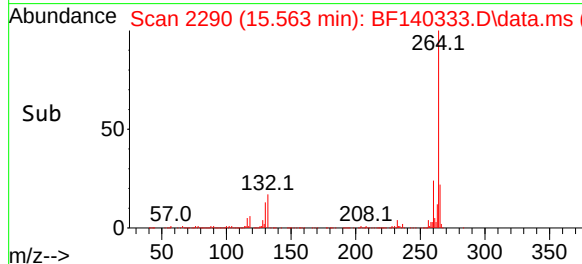


Tgt Ion:264 Resp: 372118
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 17.1 25.7

Manual Integrations
APPROVED

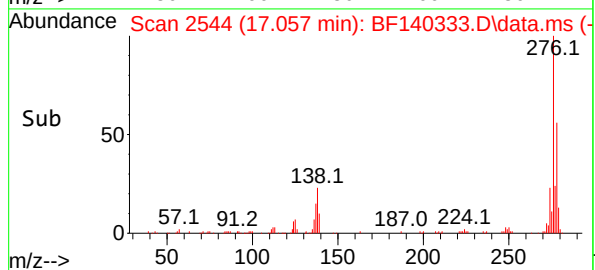
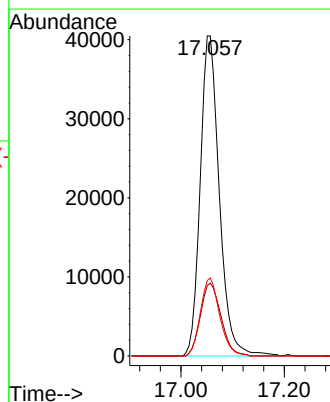
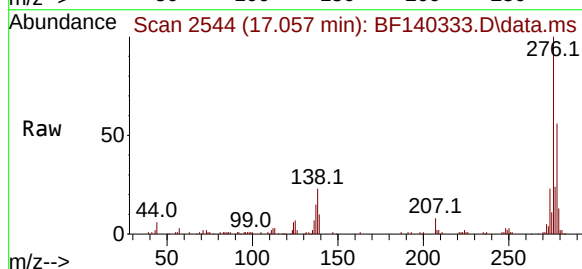
Reviewed By :Yogesh
Patel
11/14/2024

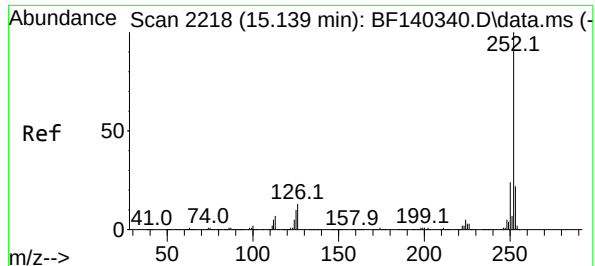
Supervised By :mohammad
ahmed
11/14/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.517 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:276 Resp: 103830
Ion Ratio Lower Upper
276 100
138 24.4 18.8 28.2
277 24.6 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 5.371 ng

RT: 15.121 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF140333.D

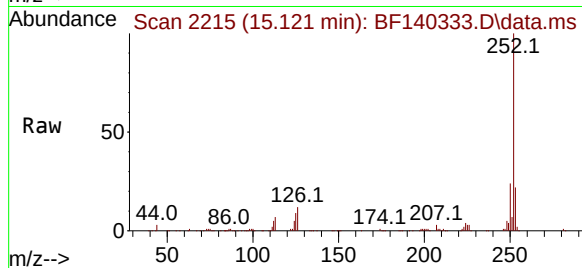
Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:252 Resp: 13073

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.3 8.0 12.0

Manual Integrations

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Reviewed By :Yogesh

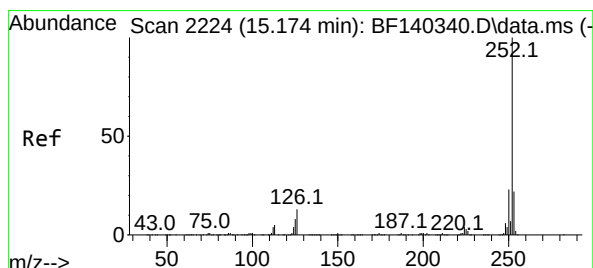
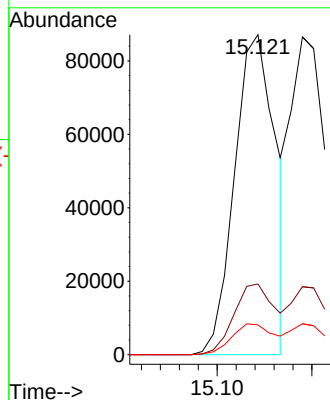
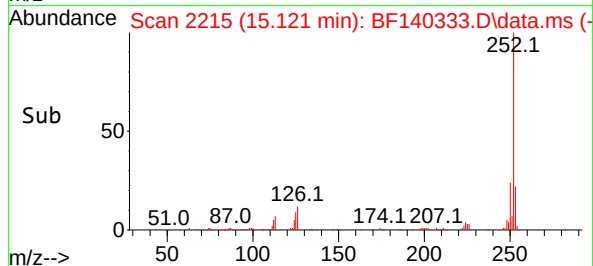
Patel

11/14/2024

Supervised By :mohammad

ahmed

11/14/2024



#89

Benzo(k)fluoranthene

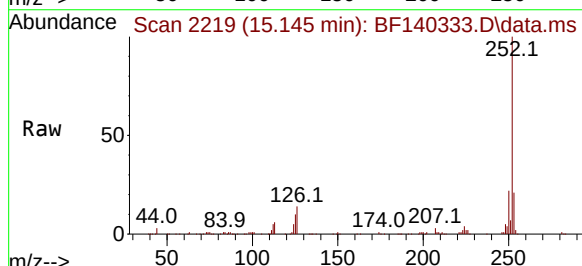
Concen: 6.014 ng

RT: 15.145 min Scan# 2219

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27



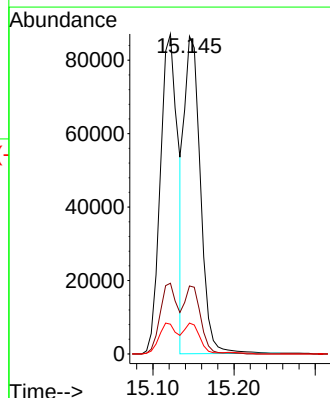
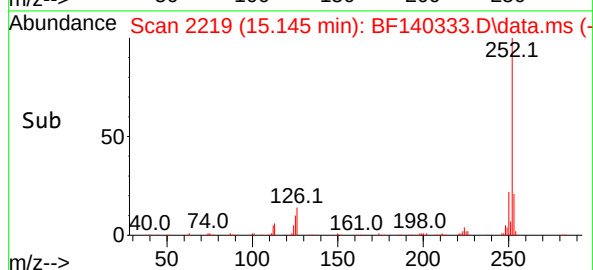
Tgt Ion:252 Resp: 119602

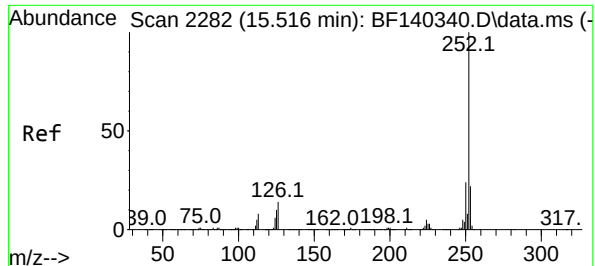
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.7 7.4 11.2





#90

Benzo(a)pyrene

Concen: 5.415 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 102364

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 10.5 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

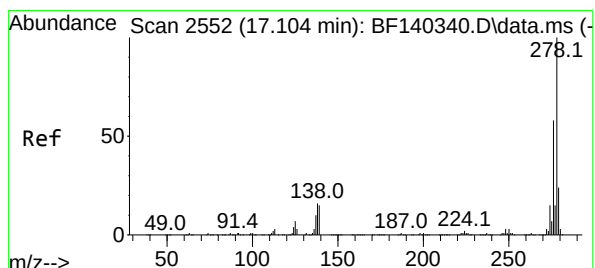
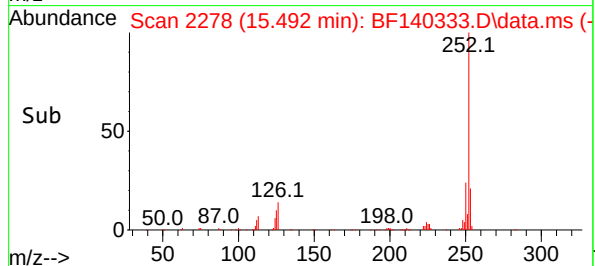
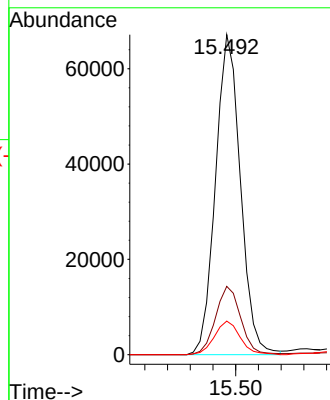
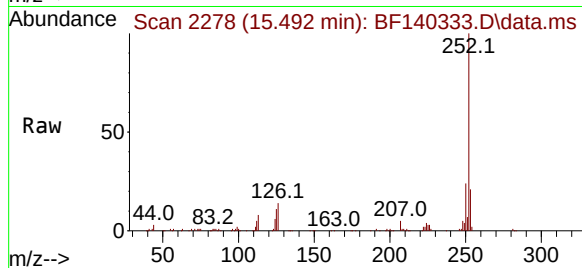
Patel

11/14/2024

Supervised By :mohammad

ahmed

11/14/2024



#91

Dibenzo(a,h)anthracene

Concen: 4.607 ng

RT: 17.068 min Scan# 2546

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

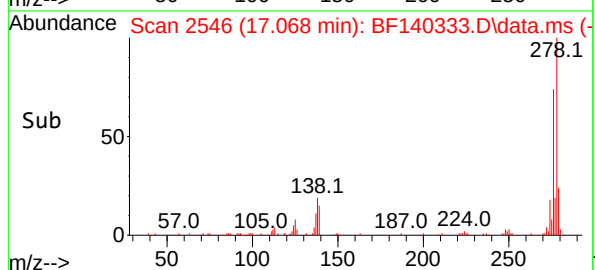
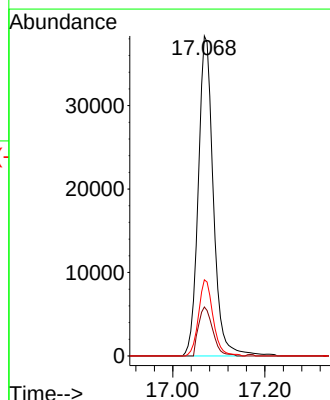
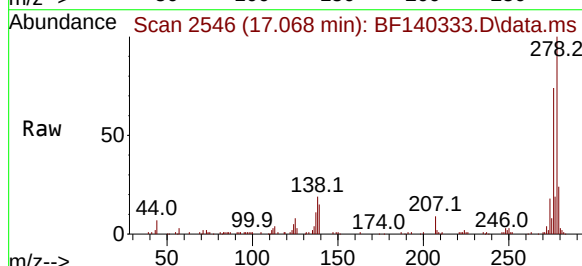
Tgt Ion:278 Resp: 87528

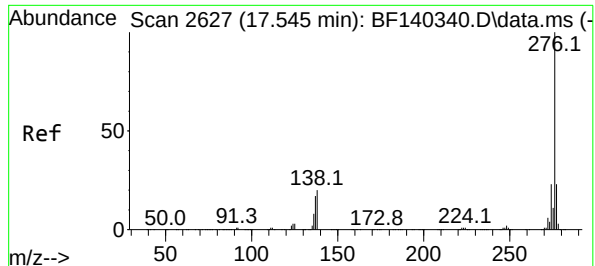
Ion Ratio Lower Upper

278 100

139 15.3 11.8 17.8

279 23.8 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 4.507 ng

RT: 17.504 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 8754

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh

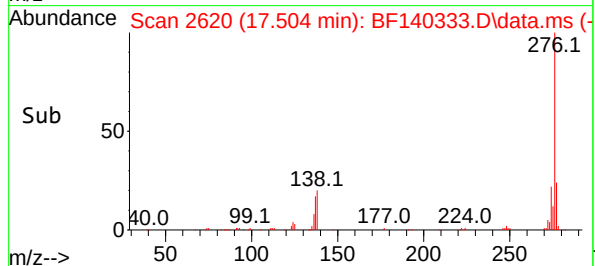
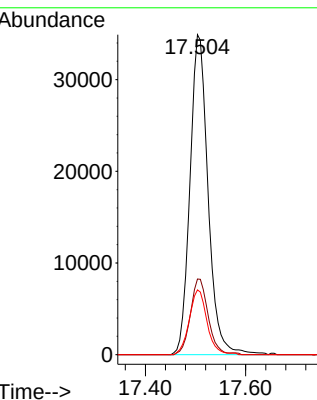
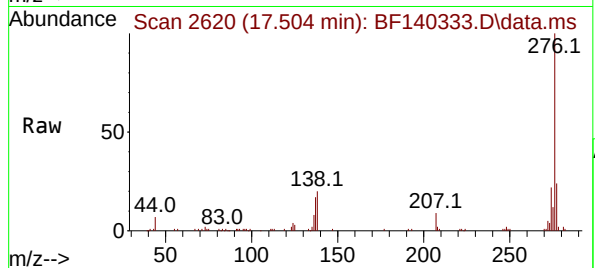
Patel

11/14/2024

Supervised By :mohammad

ahmed

11/14/2024



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140334.D
Acq On : 13 Nov 2024 09:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 14:23:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 13 13:11:08 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151757	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	576727	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	332343	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	625922	20.000	ng	0.00
76) Chrysene-d12	14.051	240	456049	20.000	ng	0.00
86) Perylene-d12	15.562	264	358045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	190834	21.470	ng	0.00
7) Phenol-d6	6.492	99	256677	21.315	ng	-0.01
23) Nitrobenzene-d5	7.434	82	231031	20.872	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	70040	21.193	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	463950	22.441	ng	0.00
79) Terphenyl-d14	12.980	244	540367	20.567	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.640	88	41430	10.458	ng	98
3) Pyridine	3.416	79	101886	10.462	ng	100
4) n-Nitrosodimethylamine	3.346	42	47921	9.736	ng	96
6) Aniline	6.534	93	115851	11.059	ng	99
8) 2-Chlorophenol	6.657	128	102376	10.723	ng	100
9) Benzaldehyde	6.428	77	82498	11.431	ng	99
10) Phenol	6.510	94	136055	10.713	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	98194	10.205	ng	97
12) 1,3-Dichlorobenzene	6.816	146	111939	10.626	ng	99
13) 1,4-Dichlorobenzene	6.892	146	116395	10.897	ng	99
14) 1,2-Dichlorobenzene	7.045	146	108453	10.937	ng	98
15) Benzyl Alcohol	7.010	79	90500	10.431	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	138565	10.425	ng	99
17) 2-Methylphenol	7.122	107	80567	10.258	ng	99
18) Hexachloroethane	7.387	117	41189	10.431	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	76077	10.460	ng	96
20) 3+4-Methylphenols	7.275	107	108265	11.022	ng	# 89
22) Acetophenone	7.281	105	146536	10.925	ng	97
24) Nitrobenzene	7.451	77	121397	10.534	ng	99
25) Isophorone	7.686	82	202309	10.313	ng	98
26) 2-Nitrophenol	7.769	139	51547	10.079	ng	97
27) 2,4-Dimethylphenol	7.804	122	68066	10.396	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	127440	10.594	ng	99
29) 2,4-Dichlorophenol	8.010	162	85290	10.540	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	95485	10.599	ng	99
31) Naphthalene	8.181	128	318527	10.887	ng	99
32) Benzoic acid	7.875	122	51387m	8.934	ng	
33) 4-Chloroaniline	8.222	127	111264	10.936	ng	99
34) Hexachlorobutadiene	8.292	225	61596	10.731	ng	99
35) Caprolactam	8.563	113	26940	9.902	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	94282	10.514	ng	99
37) 2-Methylnaphthalene	8.869	142	203533	10.850	ng	99
38) 1-Methylnaphthalene	8.969	142	200722	10.926	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	97174	10.573	ng	98
41) Hexachlorocyclopentadiene	9.022	237	18405	7.800	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	62134	10.302	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140334.D
 Acq On : 13 Nov 2024 09:53
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 14:23:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 13 13:11:08 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	69370	10.520	ng	98
46) 1,1'-Biphenyl	9.328	154	261030	10.796	ng	99
47) 2-Chloronaphthalene	9.357	162	196370	10.662	ng	99
48) 2-Nitroaniline	9.451	65	60634	9.927	ng	99
49) Acenaphthylene	9.769	152	299521	10.749	ng	100
50) Dimethylphthalate	9.628	163	225705	10.419	ng	99
51) 2,6-Dinitrotoluene	9.692	165	50400	10.206	ng	97
52) Acenaphthene	9.945	154	200055	10.629	ng	99
53) 3-Nitroaniline	9.857	138	54319	10.473	ng	99
54) 2,4-Dinitrophenol	9.969	184	18126	7.117	ng	98
55) Dibenzofuran	10.116	168	288411	10.825	ng	98
56) 4-Nitrophenol	10.016	139	36056	9.531	ng	98
57) 2,4-Dinitrotoluene	10.092	165	66496	10.231	ng	98
58) Fluorene	10.457	166	233209	11.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	54566m	10.489	ng	
60) Diethylphthalate	10.328	149	235508	10.632	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	114328	11.002	ng	98
62) 4-Nitroaniline	10.469	138	54026	10.188	ng	98
63) Azobenzene	10.610	77	231165	10.562	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	30629	9.095	ng	97
66) n-Nitrosodiphenylamine	10.563	169	197047	10.896	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	65844	10.524	ng	98
68) Hexachlorobenzene	11.010	284	75713	10.755	ng	95
69) Atrazine	11.092	200	57244	10.462	ng	99
70) Pentachlorophenol	11.204	266	33884	8.935	ng	98
71) Phenanthrene	11.422	178	329580	11.209	ng	99
72) Anthracene	11.475	178	318560	11.055	ng	98
73) Carbazole	11.627	167	315859	11.101	ng	99
74) Di-n-butylphthalate	11.957	149	368412	10.788	ng	99
75) Fluoranthene	12.610	202	375846	11.394	ng	99
77) Benzidine	12.733	184	144597	8.261	ng	99
78) Pyrene	12.839	202	388982	9.972	ng	98
80) Butylbenzylphthalate	13.457	149	145394	9.702	ng	98
81) Benzo(a)anthracene	14.039	228	323440	10.791	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	98211	10.309	ng	99
83) Chrysene	14.080	228	282868	10.343	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	202970	10.147	ng	99
85) Di-n-octyl phthalate	14.668	149	277399	9.847	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	205803	9.305	ng	99
88) Benzo(b)fluoranthene	15.127	252	241957	10.331	ng	99
89) Benzo(k)fluoranthene	15.151	252	222087	11.607	ng	99
90) Benzo(a)pyrene	15.498	252	188533	10.366	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	170496	9.326	ng	100
92) Benzo(g,h,i)perylene	17.515	276	172345	9.221	ng	100

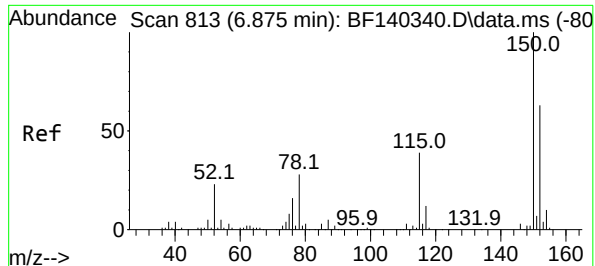
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

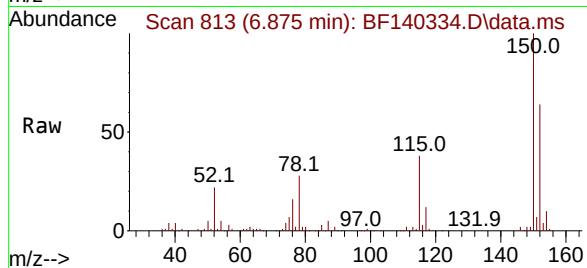
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

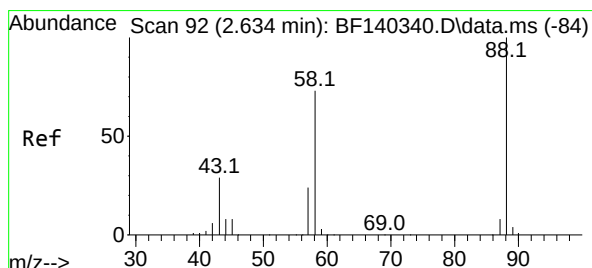
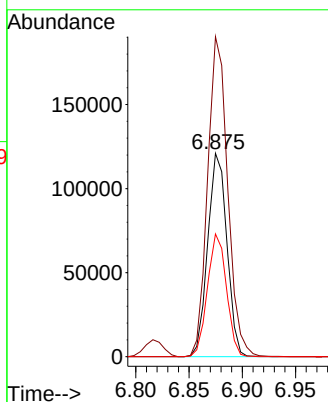
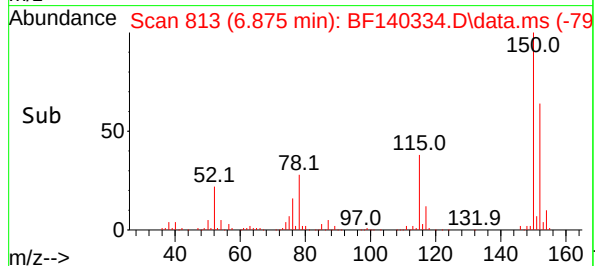
Instrument :
BNA_F
ClientSampleId :
SSTDIC010



Tgt Ion:152 Resp: 15175
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 60.4 47.4 71.2

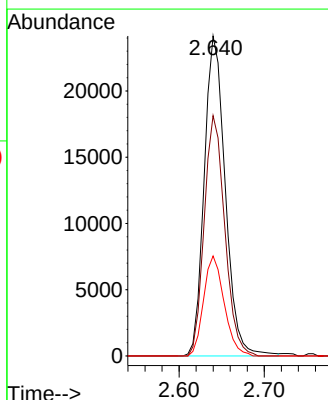
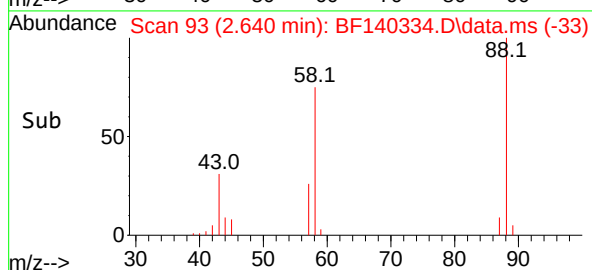
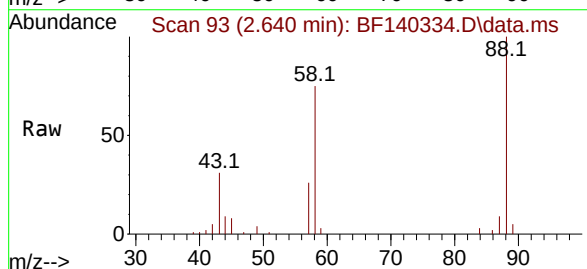
Manual Integrations
APPROVED

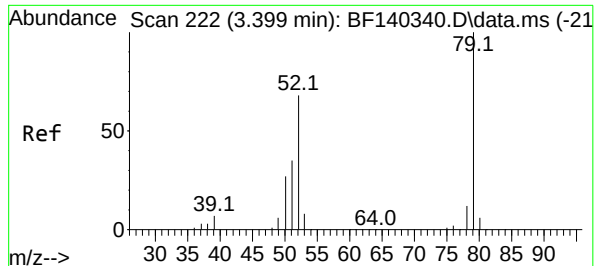
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#2
1,4-Dioxane
Concen: 10.458 ng
RT: 2.640 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 88 Resp: 41430
Ion Ratio Lower Upper
88 100
58 73.3 59.5 89.3
43 30.5 23.4 35.2





#3

Pyridine

Concen: 10.462 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 10188

Ion Ratio Lower Upper

79 100

52 67.4 53.8 80.6

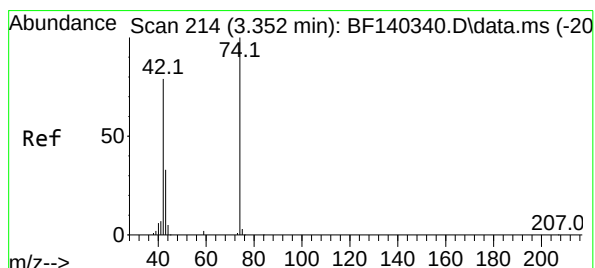
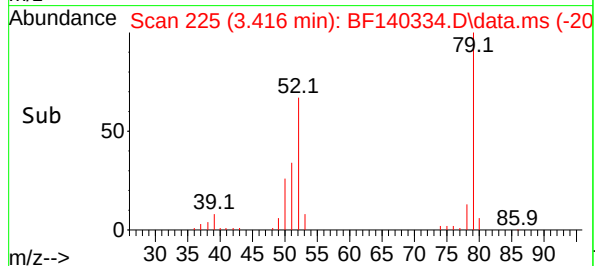
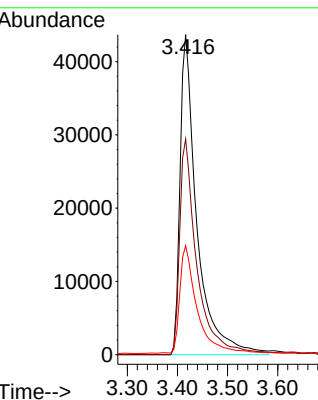
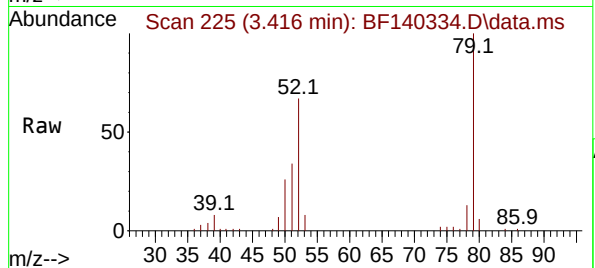
51 34.0 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#4

n-Nitrosodimethylamine

Concen: 9.736 ng

RT: 3.346 min Scan# 213

Delta R.T. -0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

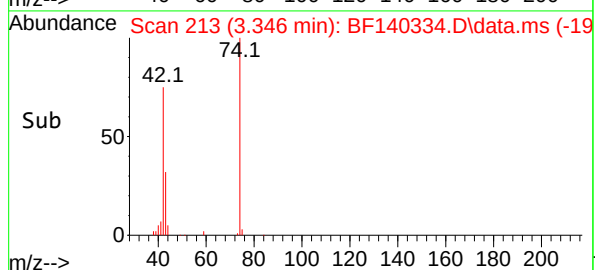
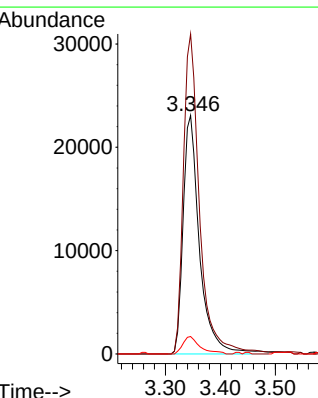
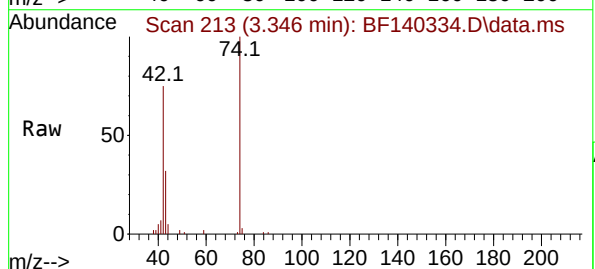
Tgt Ion: 42 Resp: 47921

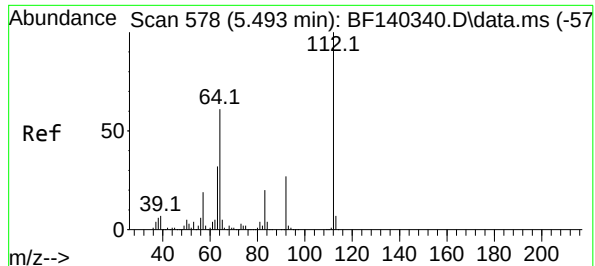
Ion Ratio Lower Upper

42 100

74 134.2 103.5 155.3

44 7.3 5.1 7.7





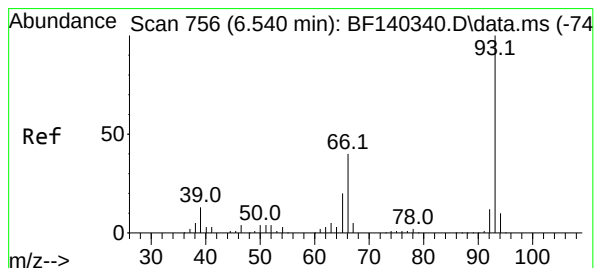
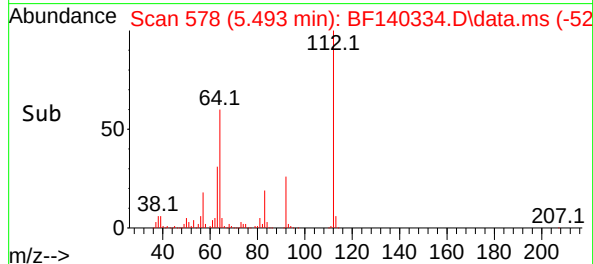
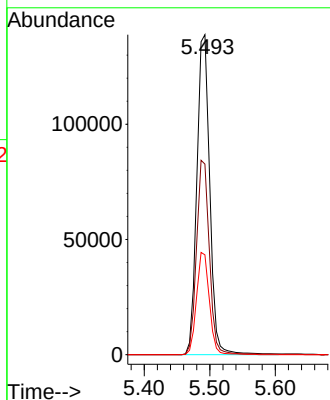
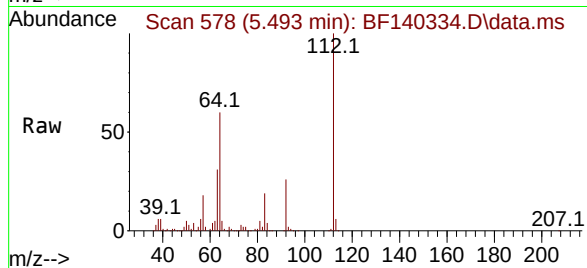
#5
2-Fluorophenol
Concen: 21.470 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 190834
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.2 25.6 38.4

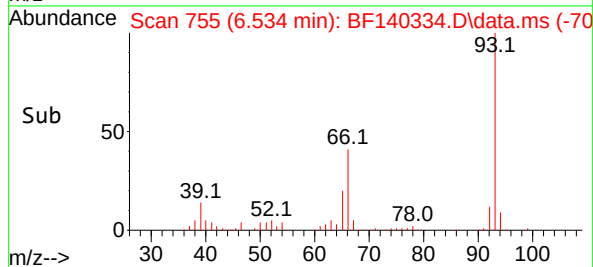
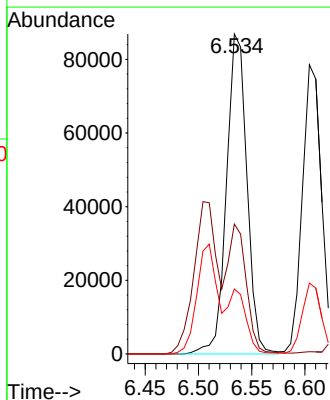
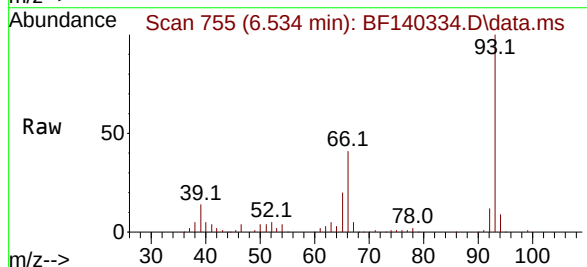
Manual Integrations
APPROVED

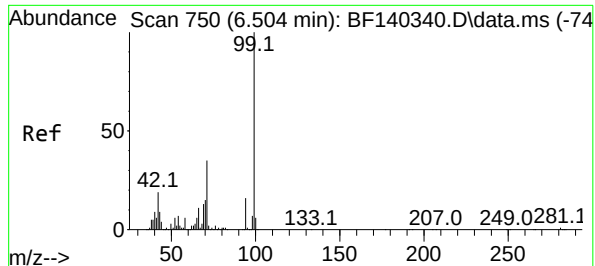
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#6
Aniline
Concen: 11.059 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 93 Resp: 115851
Ion Ratio Lower Upper
93 100
66 40.6 32.8 49.2
65 20.3 16.6 25.0





#7

Phenol-d6

Concen: 21.315 ng

RT: 6.492 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion: 99 Resp: 25667

Ion Ratio Lower Upper

99 100

42 18.5 15.1 22.7

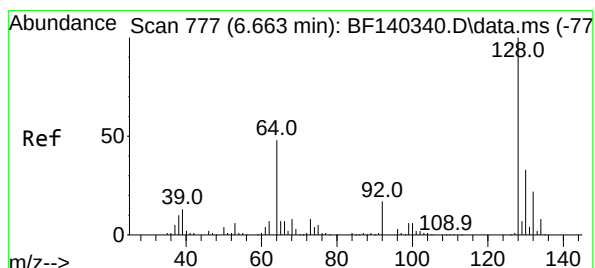
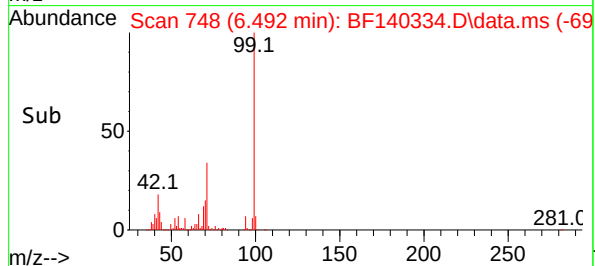
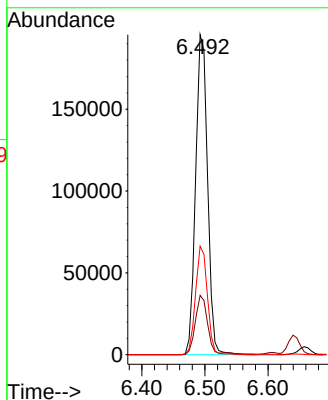
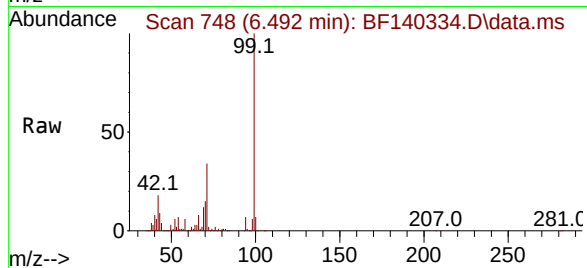
71 33.9 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#8

2-Chlorophenol

Concen: 10.723 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

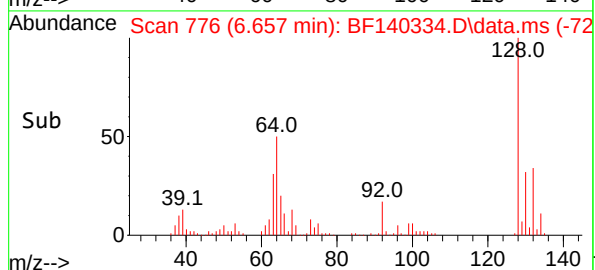
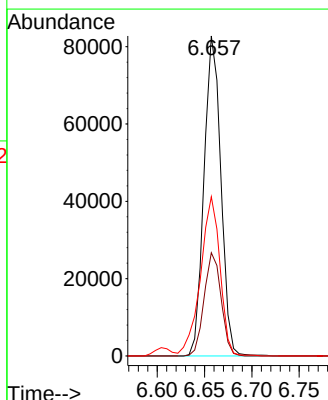
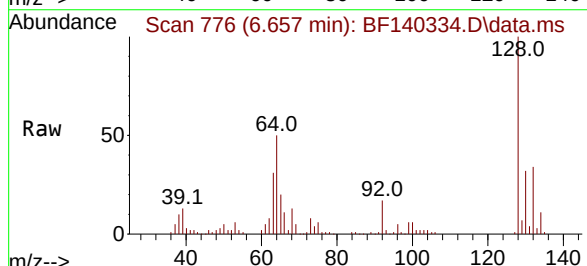
Tgt Ion:128 Resp: 102376

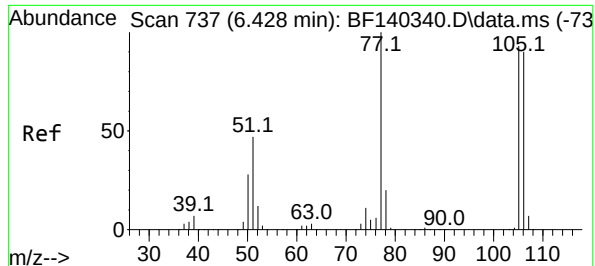
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 49.8 30.2 70.2





#9

Benzaldehyde

Concen: 11.431 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

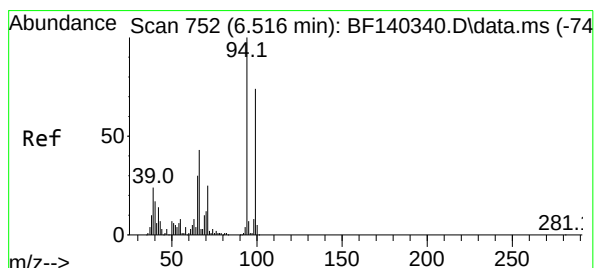
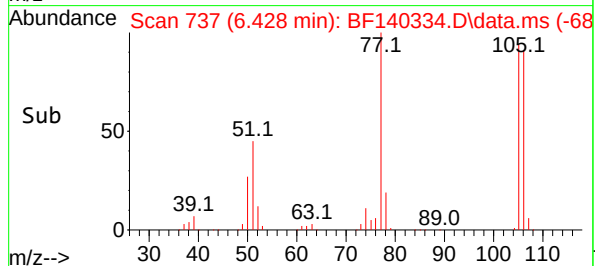
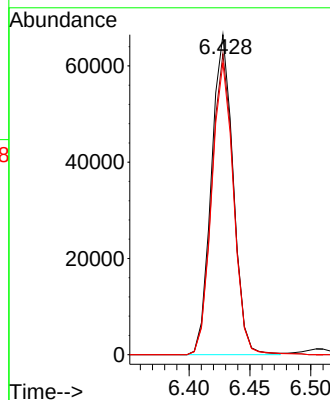
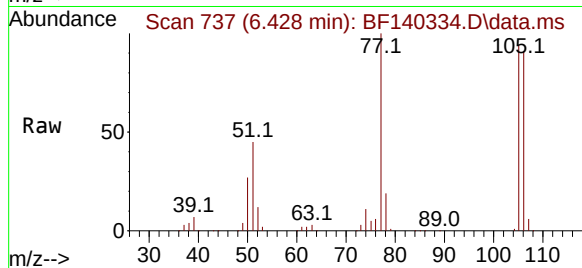
ClientSampleId :

SSTDICC010

Tgt Ion:	77	Resp:	82498
Ion	Ratio	Lower	Upper
77	100		
105	94.1	74.4	114.4
106	91.2	69.9	109.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#10

Phenol

Concen: 10.713 ng

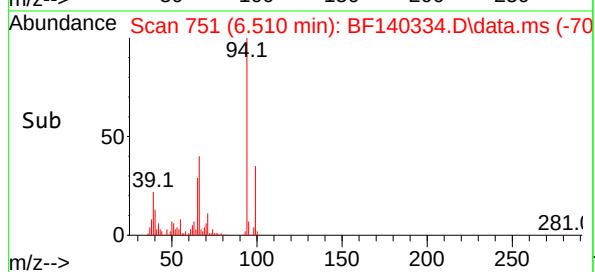
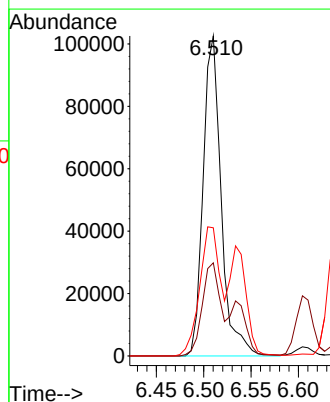
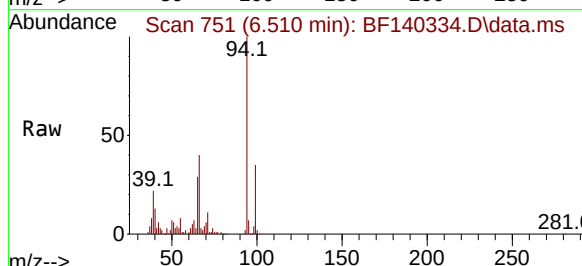
RT: 6.510 min Scan# 751

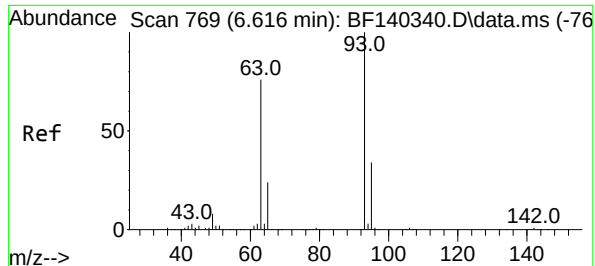
Delta R.T. -0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:	94	Resp:	136055
Ion	Ratio	Lower	Upper
94	100		
65	29.1	10.4	50.4
66	40.1	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 10.205 ng

RT: 6.604 min Scan# 769

Delta R.T. -0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

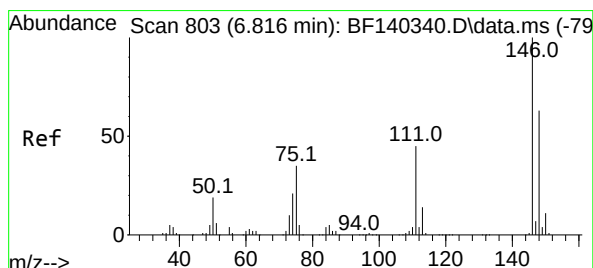
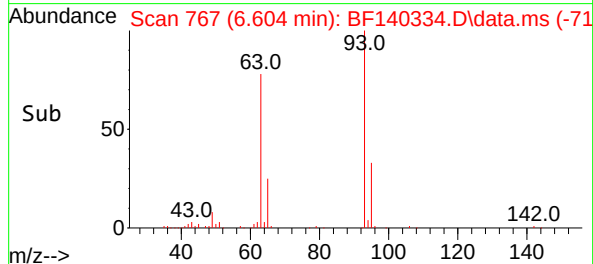
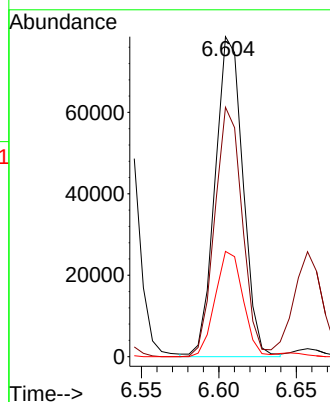
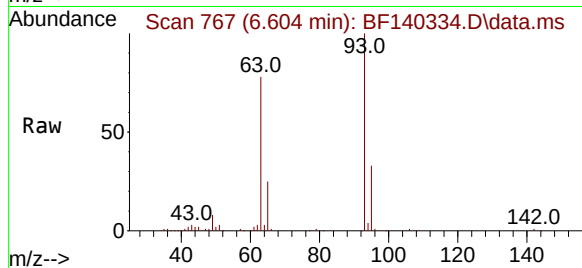
Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:	93	Resp:	98194
Ion Ratio	Lower	Upper	
93	100		
63	78.0	54.0	94.0
95	32.9	12.9	52.9

Manual Integrations
APPROVEDReviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

#12

1,3-Dichlorobenzene

Concen: 10.626 ng

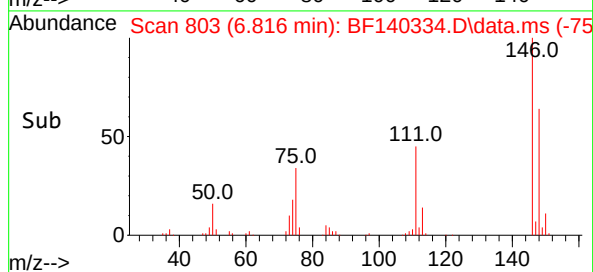
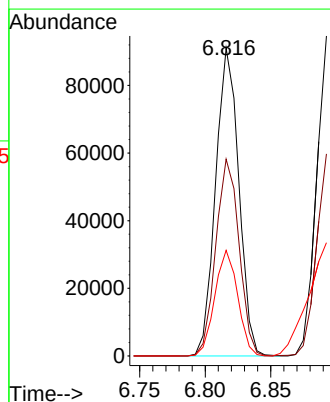
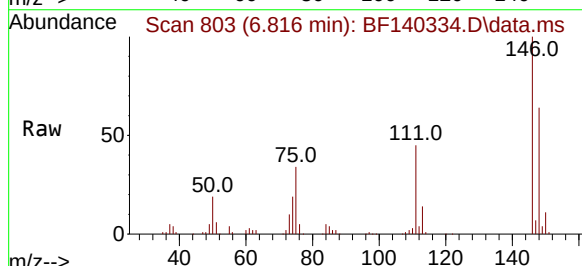
RT: 6.816 min Scan# 803

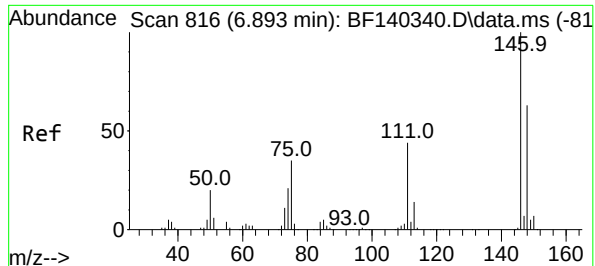
Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:	146	Resp:	111939
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.7	76.1
75	34.3	26.4	39.6





#13

1,4-Dichlorobenzene

Concen: 10.897 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 11639

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

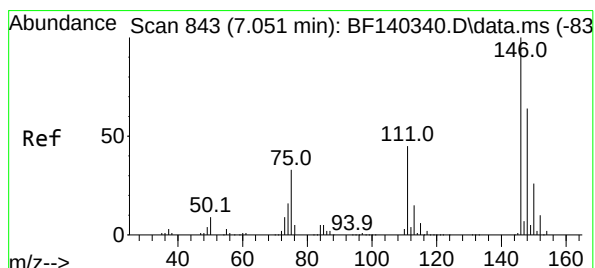
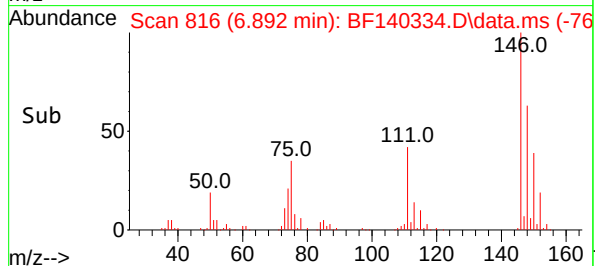
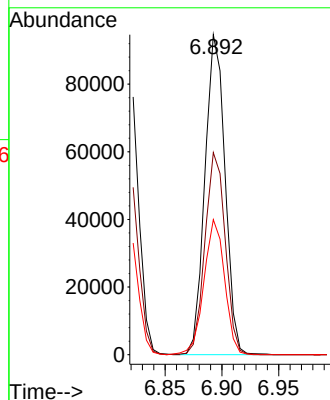
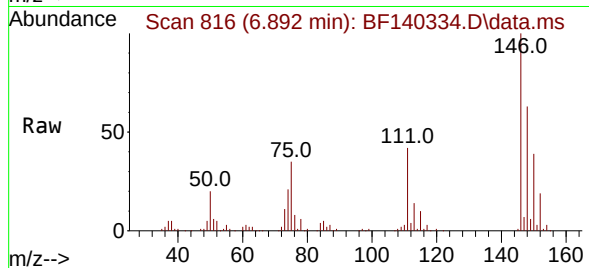
111 42.2 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#14

1,2-Dichlorobenzene

Concen: 10.937 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

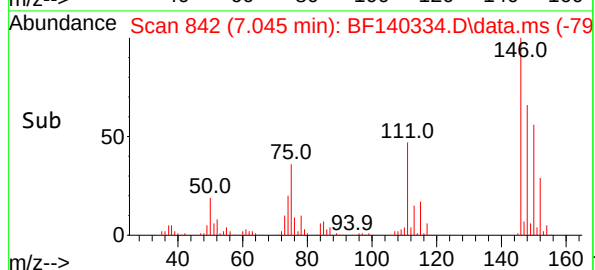
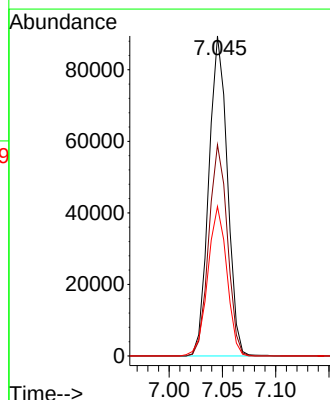
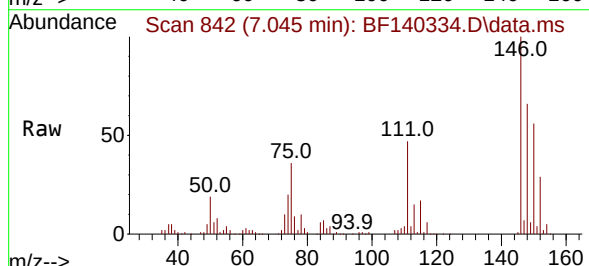
Tgt Ion:146 Resp: 108453

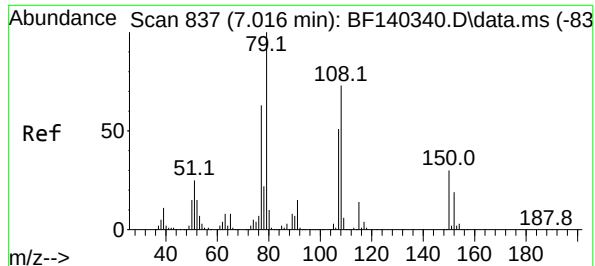
Ion Ratio Lower Upper

146 100

148 66.0 51.2 76.8

111 46.7 36.5 54.7





#15

Benzyl Alcohol

Concen: 10.431 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 90500

Ion Ratio Lower Upper

79 100

108 73.0 57.8 86.6

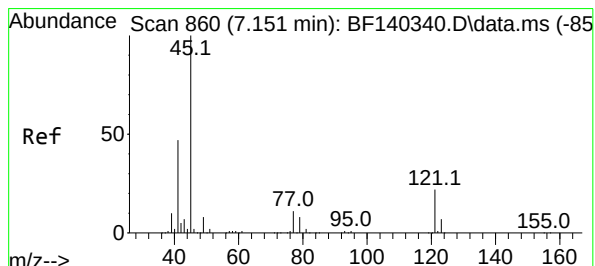
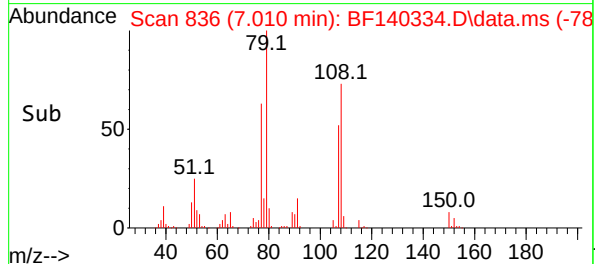
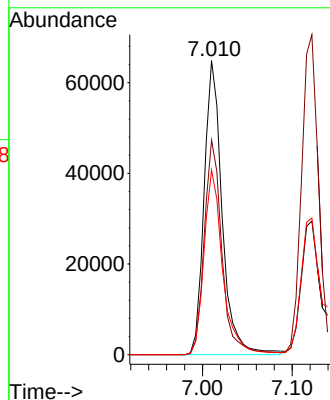
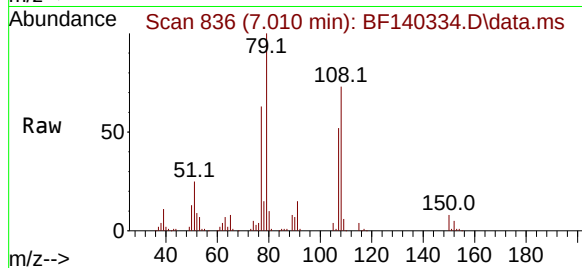
77 62.8 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.425 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

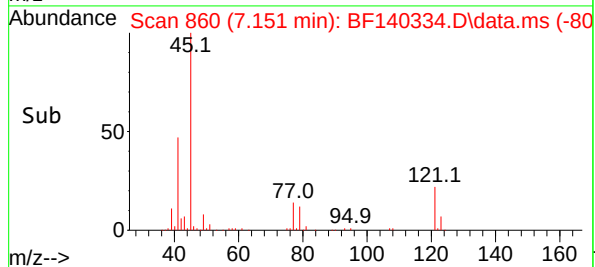
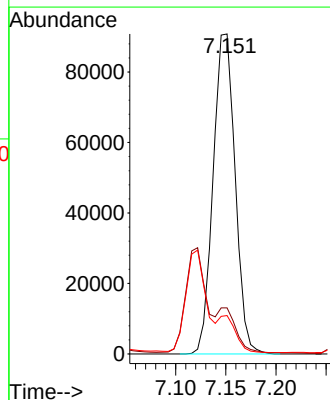
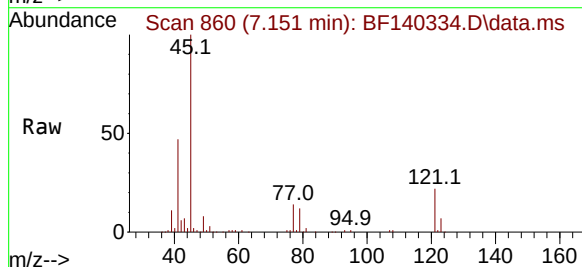
Tgt Ion: 45 Resp: 138565

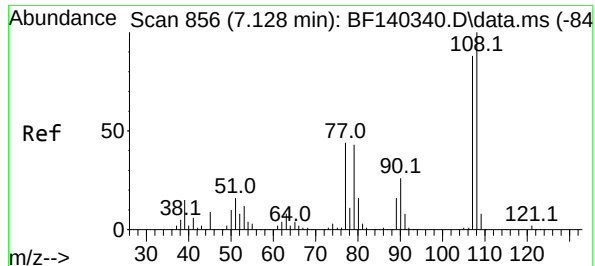
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.8

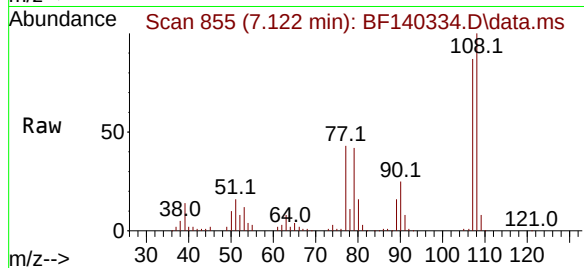
79 12.0 0.0 31.4





#17
2-Methylphenol
Concen: 10.258 ng
RT: 7.122 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

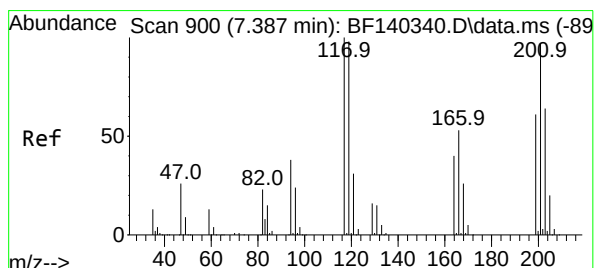
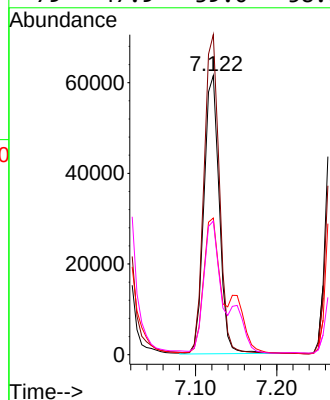
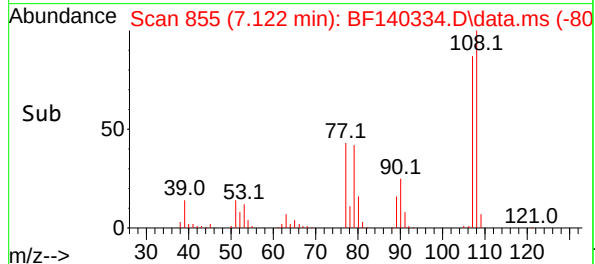
Instrument :
BNA_F
Client SampleId :
SSTDICC010



Tgt Ion:107 Resp: 8056
Ion Ratio Lower Upper
107 100
108 114.7 91.9 137.9
77 49.0 39.7 59.5
79 47.9 39.0 58.6

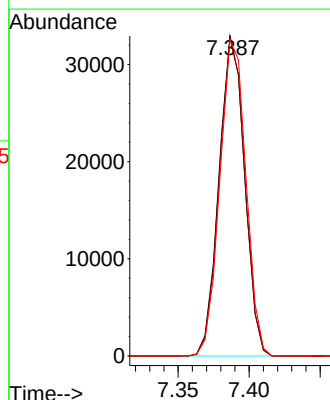
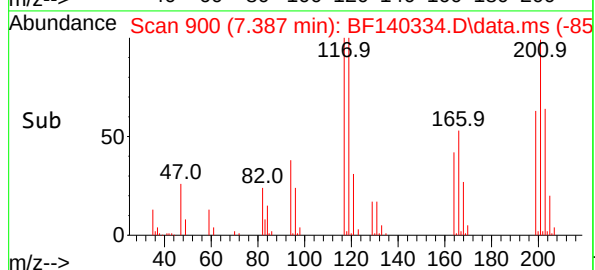
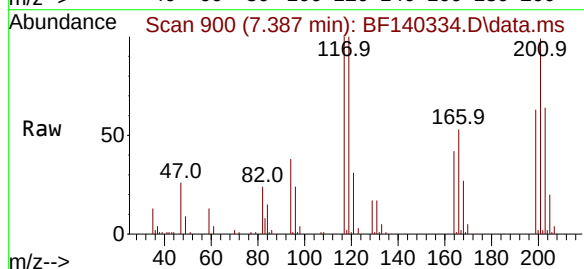
Manual Integrations
APPROVED

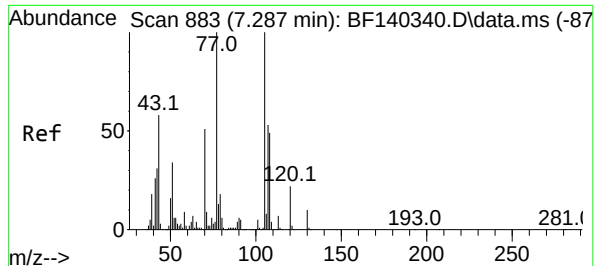
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#18
Hexachloroethane
Concen: 10.431 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:117 Resp: 41189
Ion Ratio Lower Upper
117 100
119 99.6 76.9 115.3
201 98.7 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.460 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 7607

Ion Ratio Lower Upper

70 100

42 62.0 46.8 70.2

101 9.0 7.5 11.3

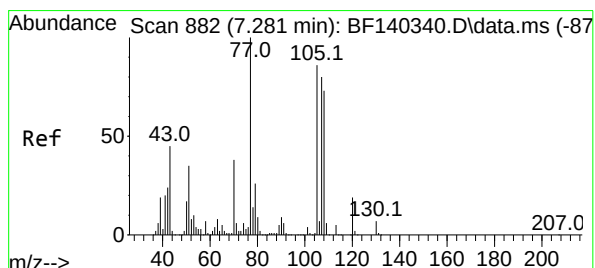
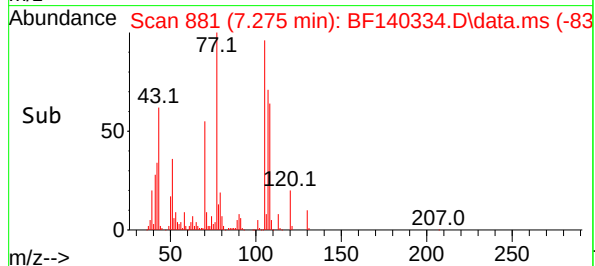
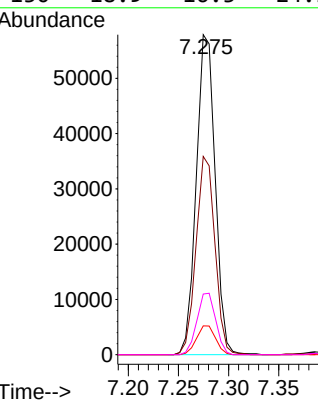
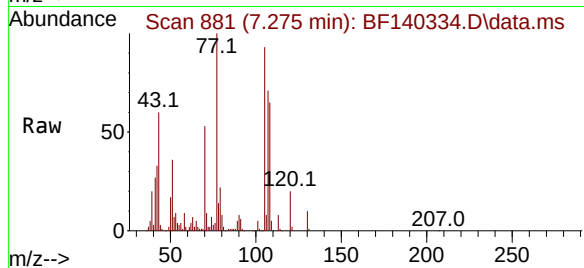
130 18.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#20

3+4-Methylphenols

Concen: 11.022 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:107 Resp: 108265

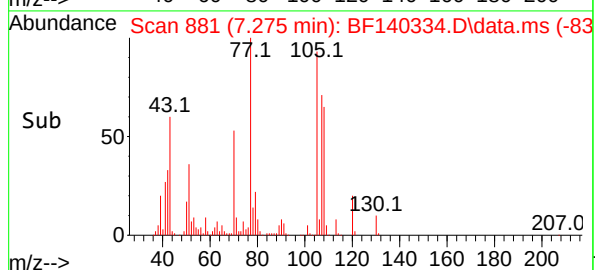
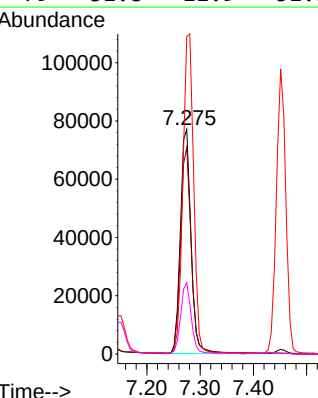
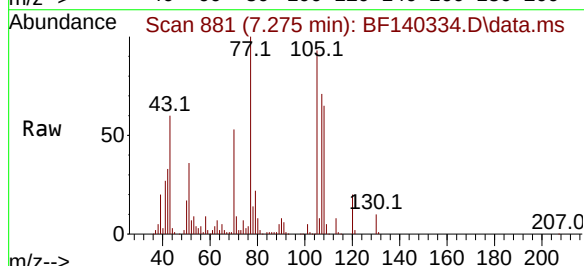
Ion Ratio Lower Upper

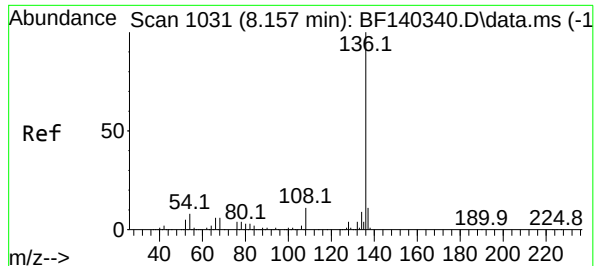
107 100

108 91.9 71.4 111.4

77 141.5 97.0 137.0#

79 31.8 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 57672

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 6.5 9.7

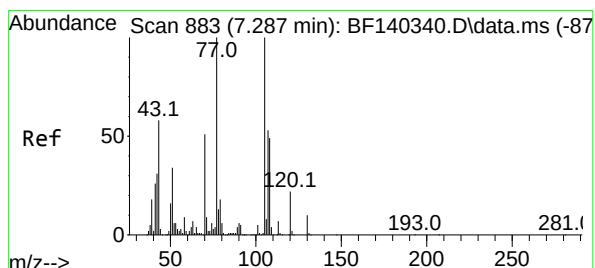
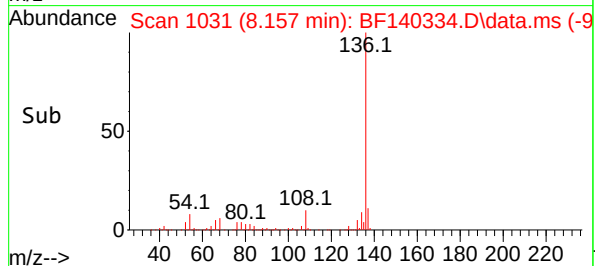
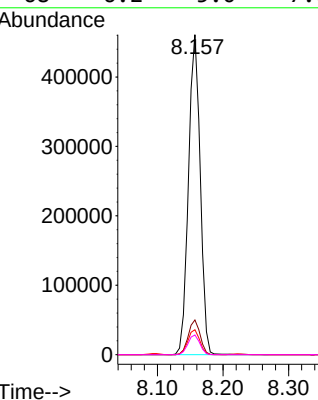
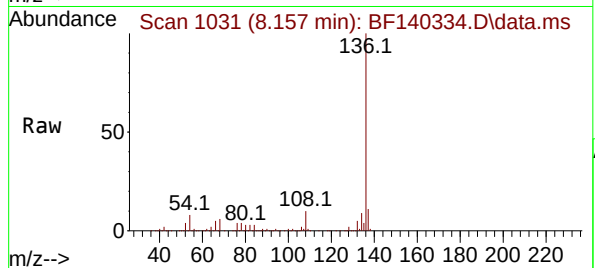
68 6.2 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#22

Acetophenone

Concen: 10.925 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:105 Resp: 146536

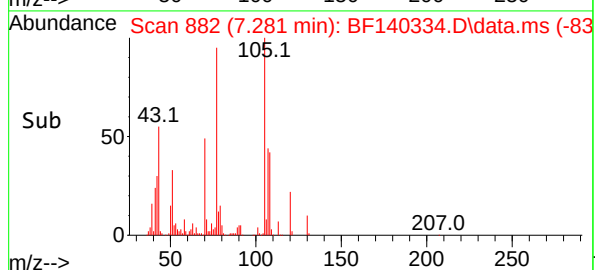
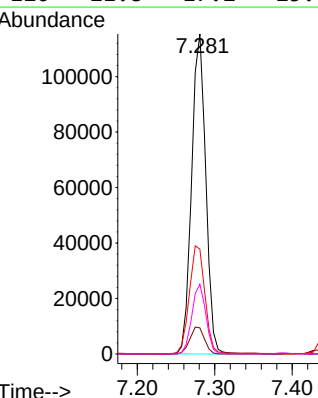
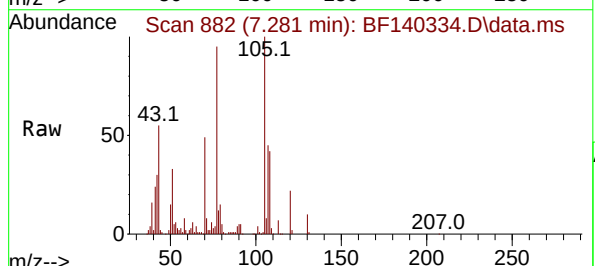
Ion Ratio Lower Upper

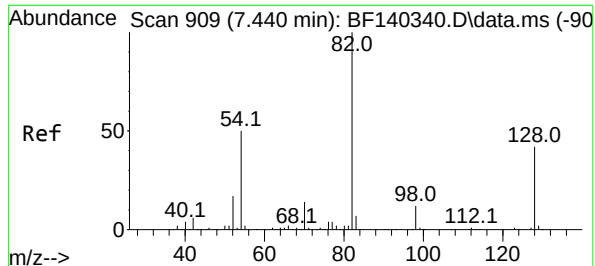
105 100

71 8.2 6.9 10.3

51 32.8 28.6 43.0

120 21.8 17.2 25.8





#23

Nitrobenzene-d5

Concen: 20.872 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 23103

Ion Ratio Lower Upper

82 100

128 41.9 33.3 49.9

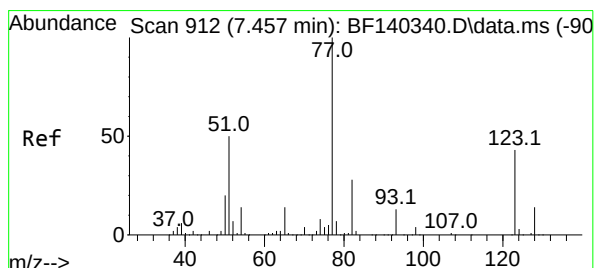
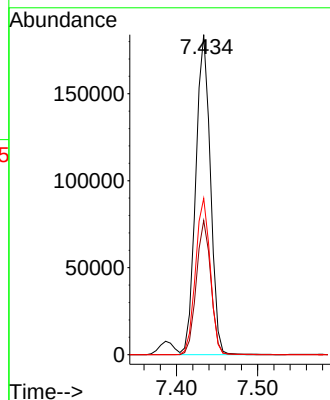
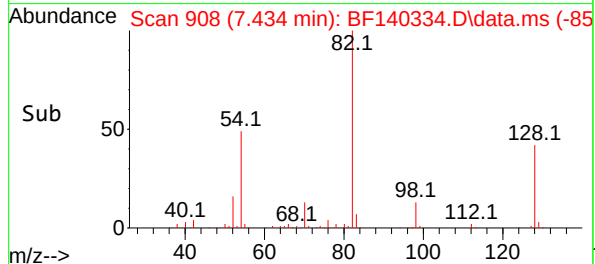
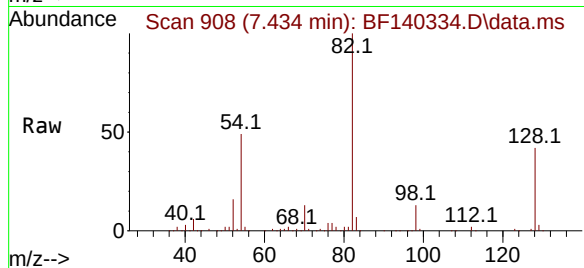
54 48.9 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#24

Nitrobenzene

Concen: 10.534 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

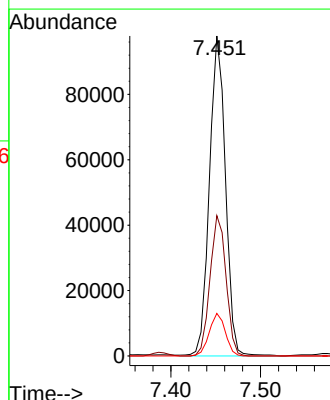
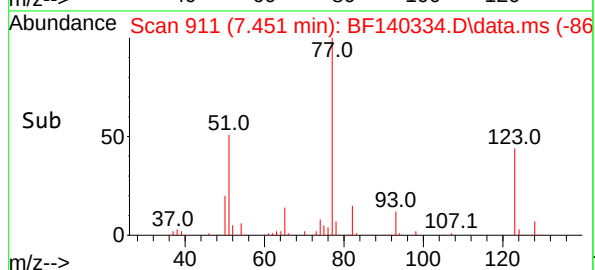
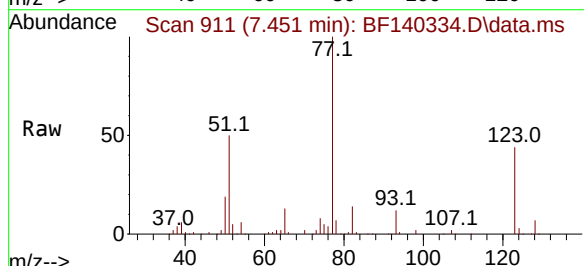
Tgt Ion: 77 Resp: 121397

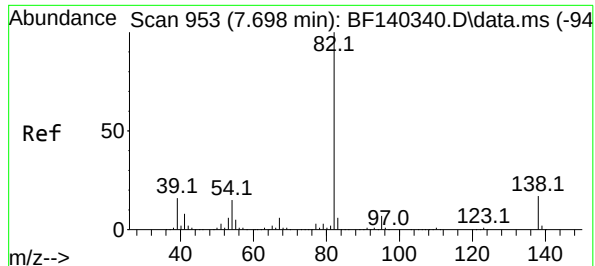
Ion Ratio Lower Upper

77 100

123 43.8 35.4 53.0

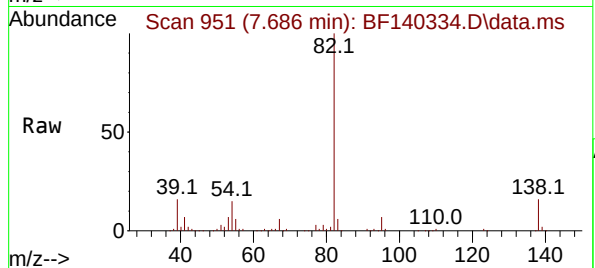
65 13.3 11.1 16.7





#25
Isophorone
Concen: 10.313 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

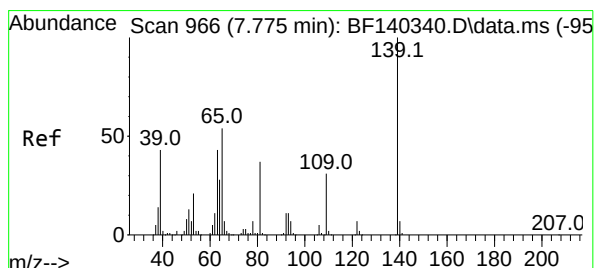
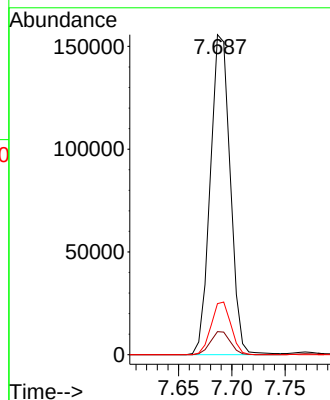
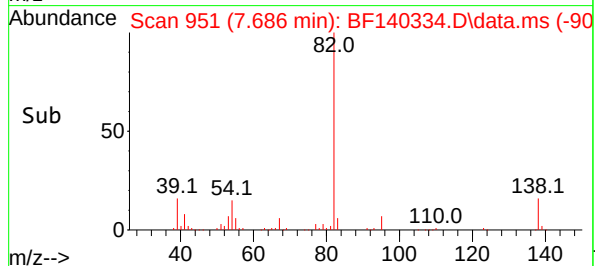
Instrument :
BNA_F
Client Sample Id :
SSTDICC010



Tgt Ion: 82 Resp: 202309
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.0 13.4 20.2

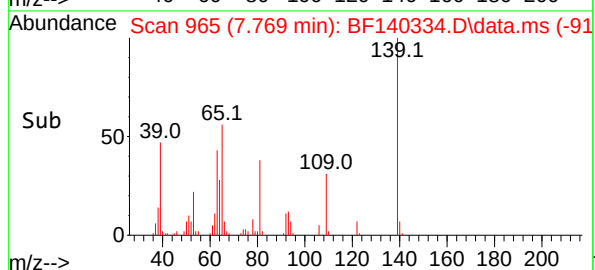
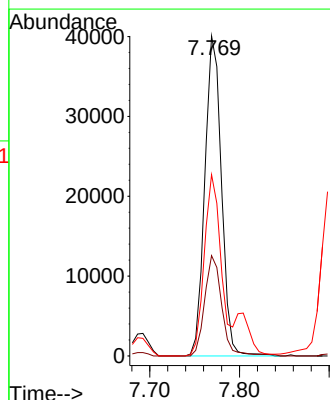
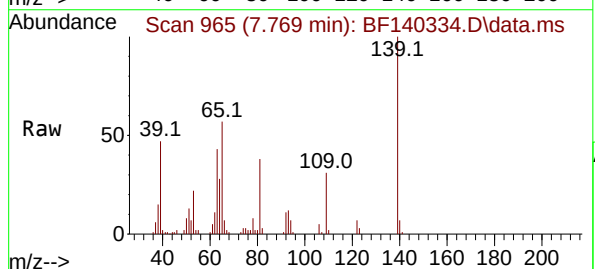
Manual Integrations
APPROVED

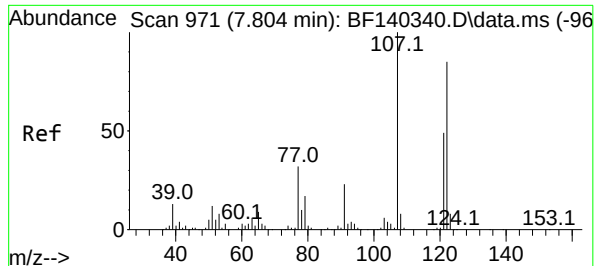
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#26
2-Nitrophenol
Concen: 10.079 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:139 Resp: 51547
Ion Ratio Lower Upper
139 100
109 31.4 24.4 36.6
65 56.6 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 10.396 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

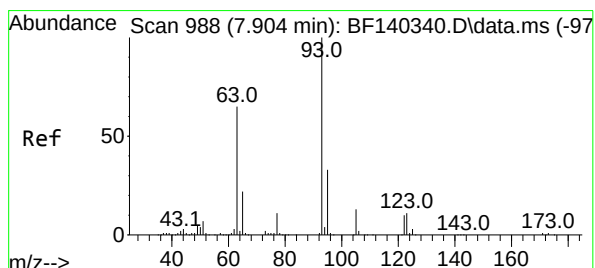
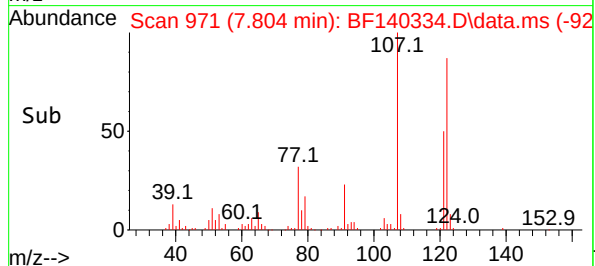
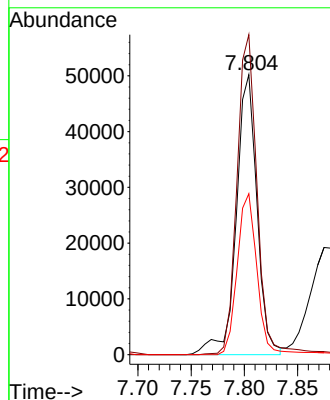
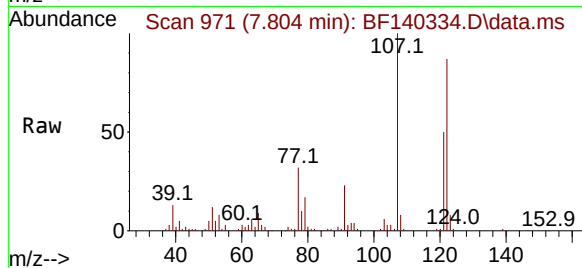
ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 68060
Ion Ratio Lower Upper
122 100
107 114.3 91.3 136.9
121 57.5 45.5 68.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#28

bis(2-Chloroethoxy)methane

Concen: 10.594 ng

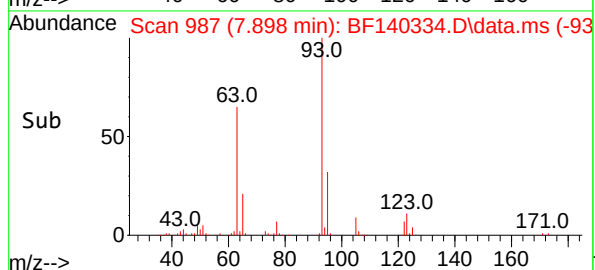
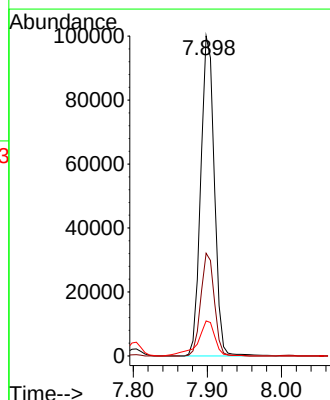
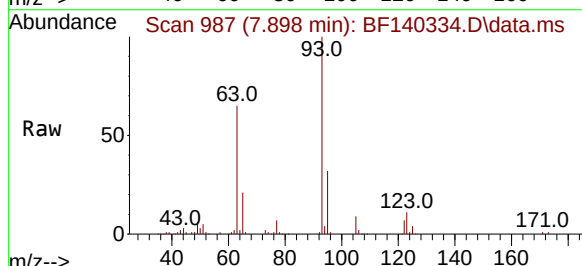
RT: 7.898 min Scan# 987

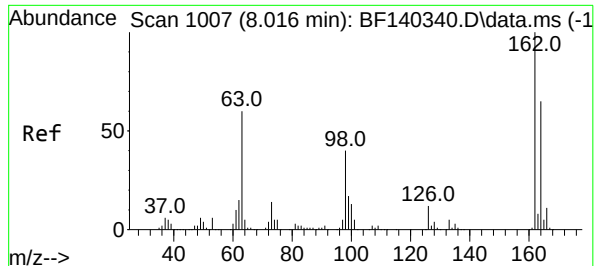
Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion: 93 Resp: 127440
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 10.540 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

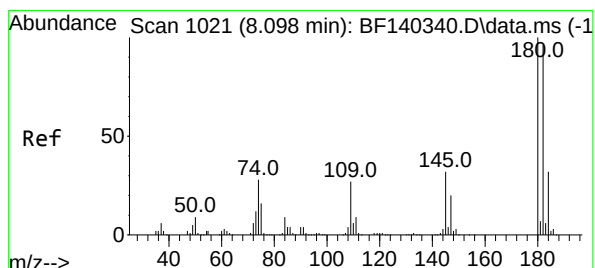
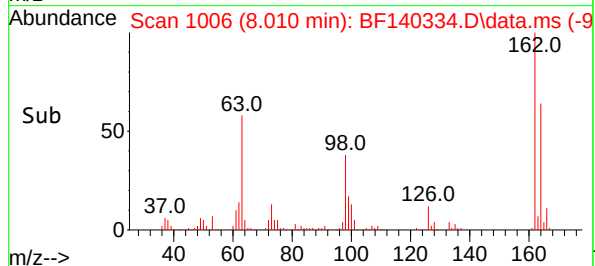
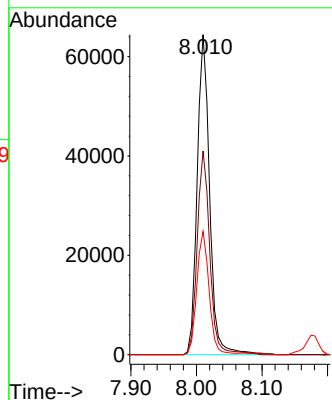
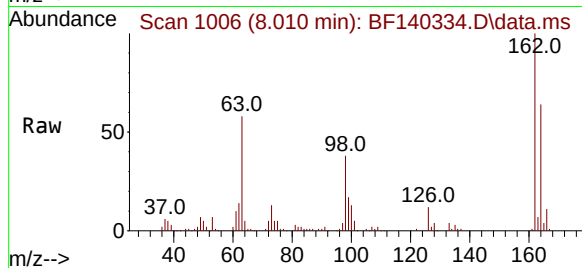
Tgt Ion:	162	Resp:	85290
Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.4	85.4
98	38.5	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.599 ng

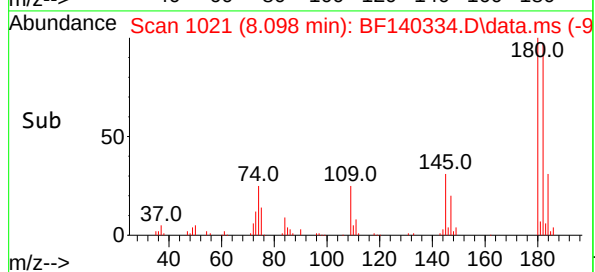
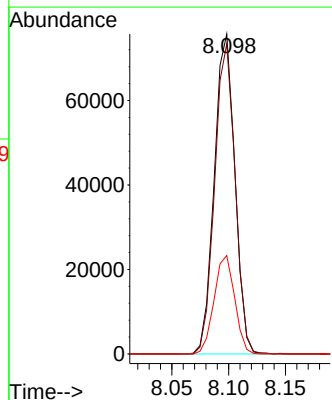
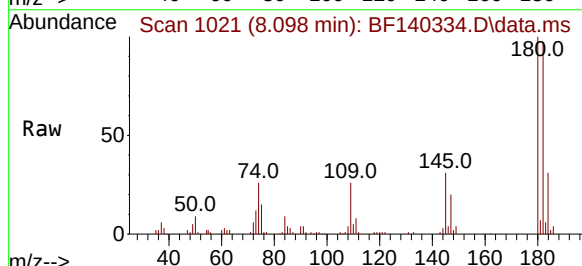
RT: 8.098 min Scan# 1021

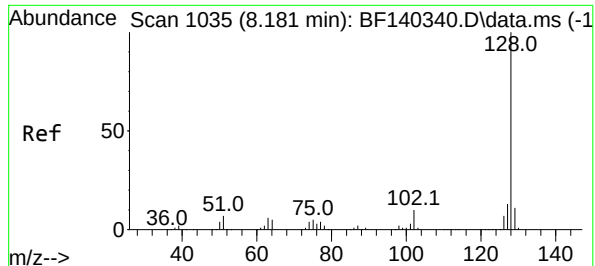
Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:	180	Resp:	95485
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.5	114.7
145	30.8	25.3	37.9





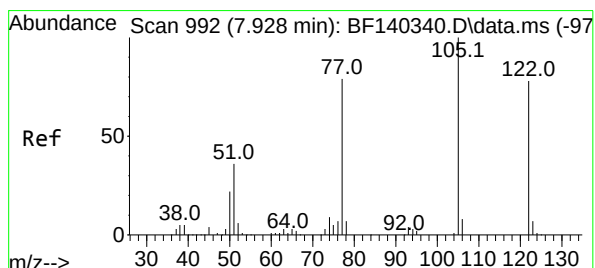
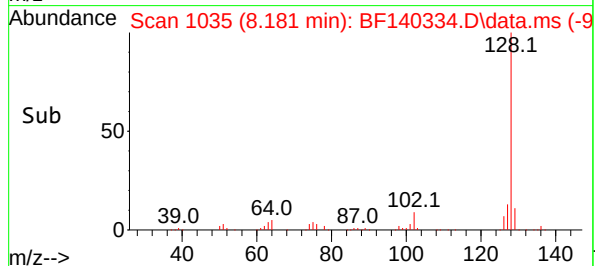
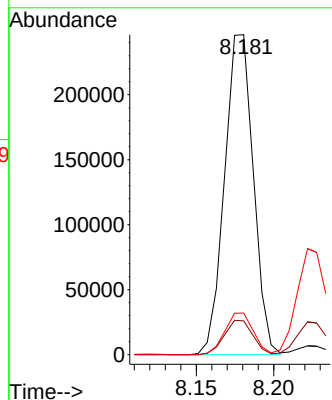
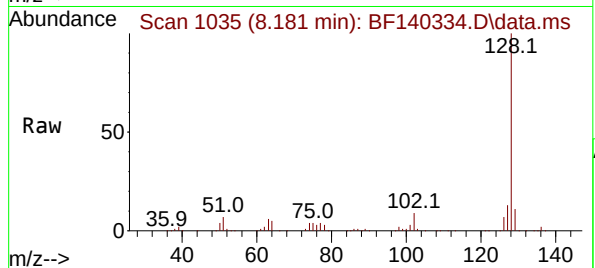
#31
Naphthalene
Concen: 10.887 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 31852
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.0 10.6 15.8

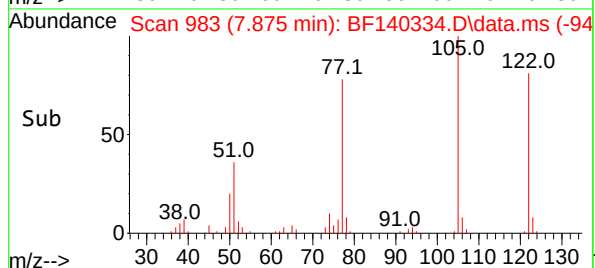
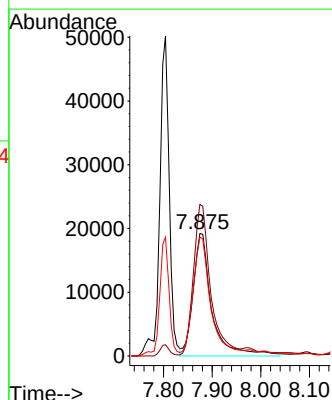
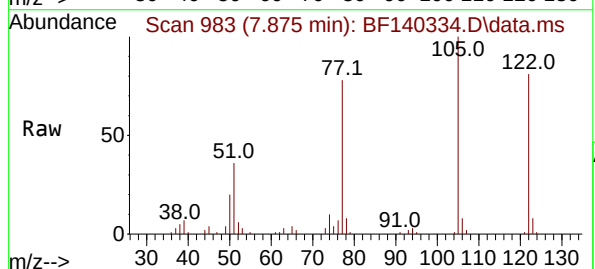
Manual Integrations
APPROVED

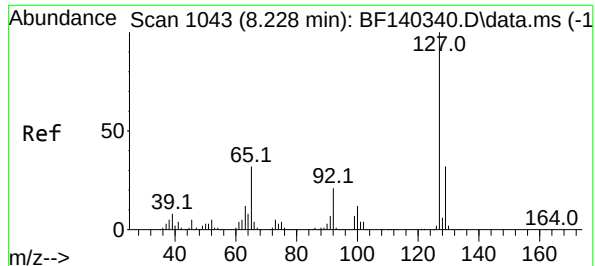
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#32
Benzoic acid
Concen: 8.934 ng m
RT: 7.875 min Scan# 983
Delta R.T. -0.053 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

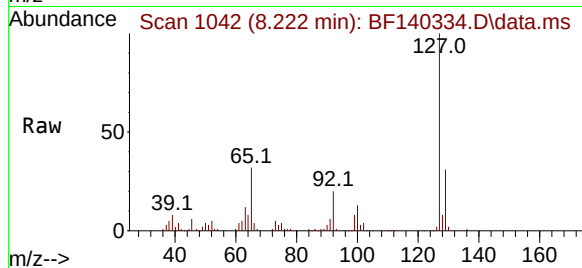
Tgt Ion:122 Resp: 51387
Ion Ratio Lower Upper
122 100
105 123.8 100.9 140.9
77 97.1 76.0 116.0





#33
4-Chloroaniline
Concen: 10.936 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

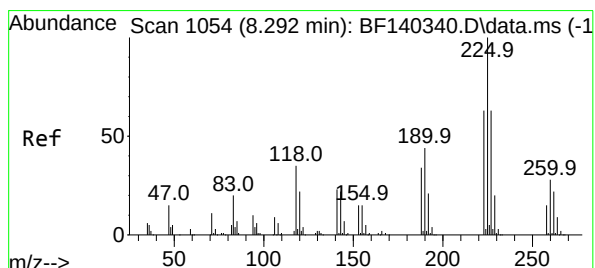
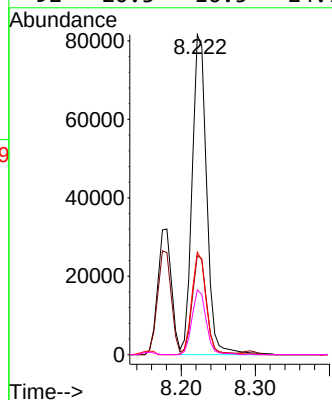
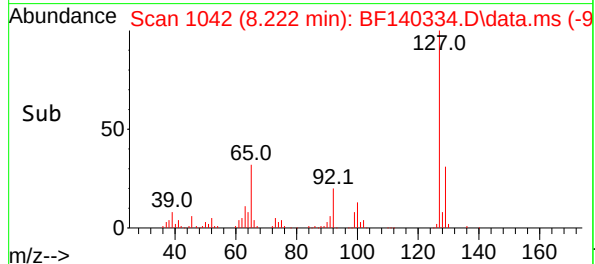
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 111264
Ion Ratio Lower Upper
127 100
129 31.0 26.2 39.4
65 32.1 25.8 38.6
92 20.3 16.5 24.7

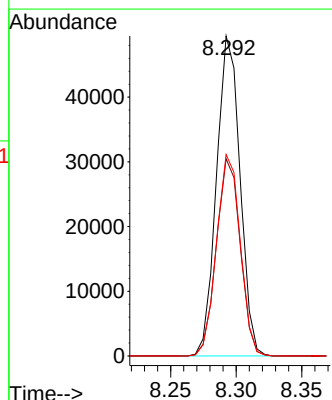
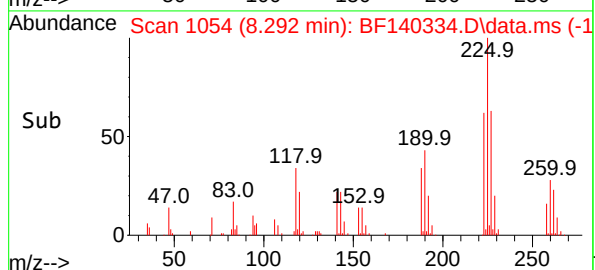
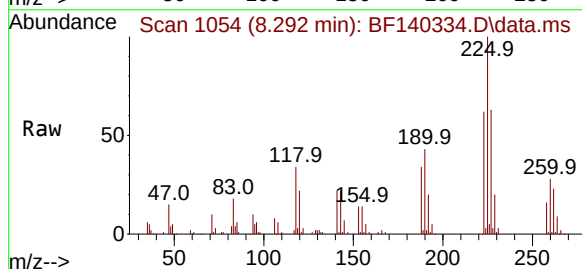
Manual Integrations
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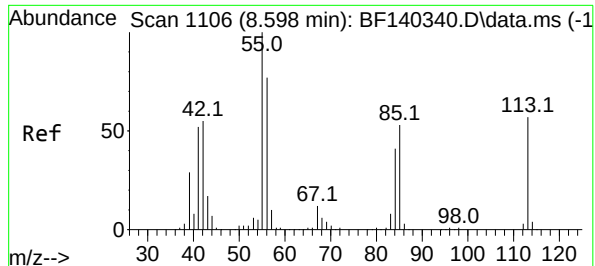
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#34
Hexachlorobutadiene
Concen: 10.731 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:225 Resp: 61596
Ion Ratio Lower Upper
225 100
223 61.6 50.1 75.1
227 63.0 51.3 76.9





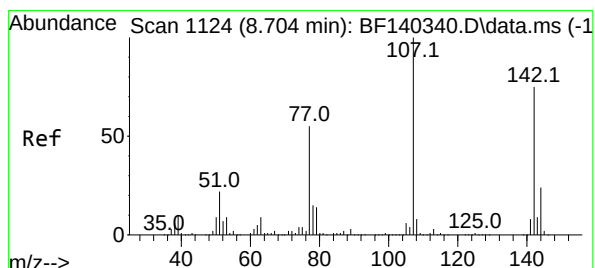
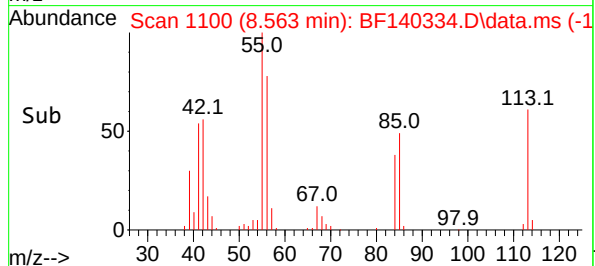
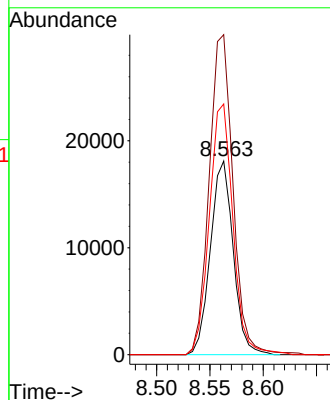
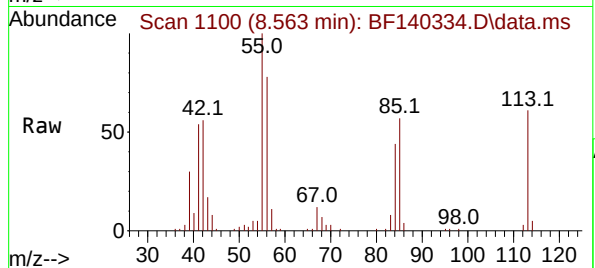
#35
Caprolactam
Concen: 9.902 ng
RT: 8.563 min Scan# 1100
Delta R.T. -0.035 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 26940
Ion Ratio Lower Upper
113 100
55 165.2 150.0 190.0
56 129.5 111.1 151.1

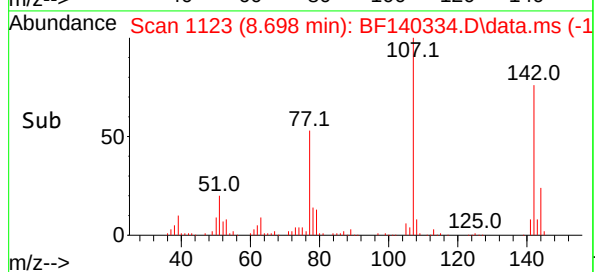
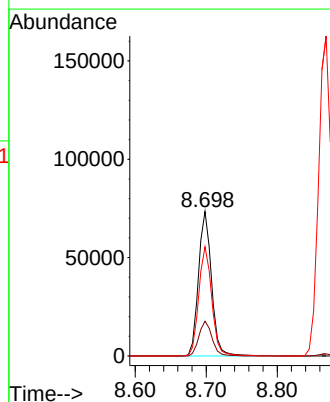
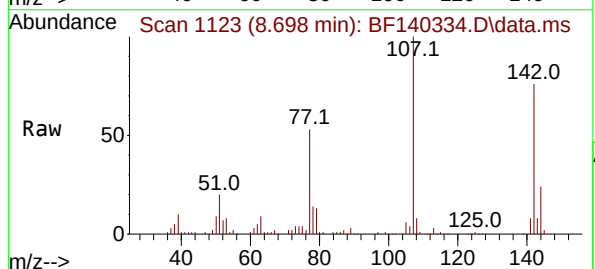
Manual Integrations
APPROVED

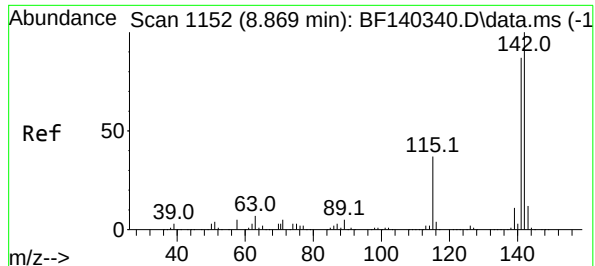
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#36
4-Chloro-3-methylphenol
Concen: 10.514 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:107 Resp: 94282
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 75.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 10.850 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:142 Resp: 20353

Ion Ratio Lower Upper

142 100

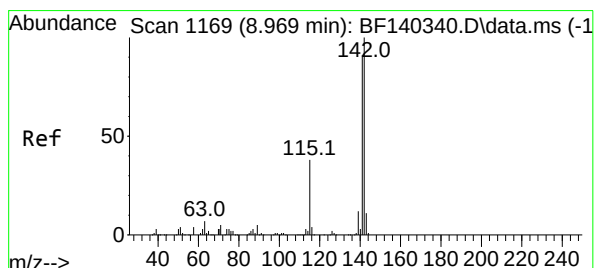
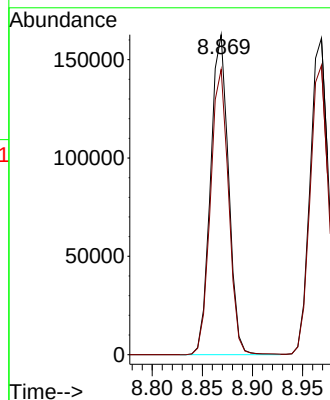
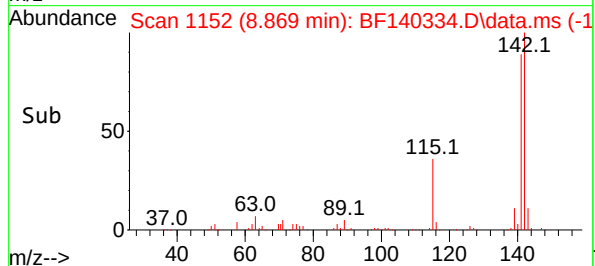
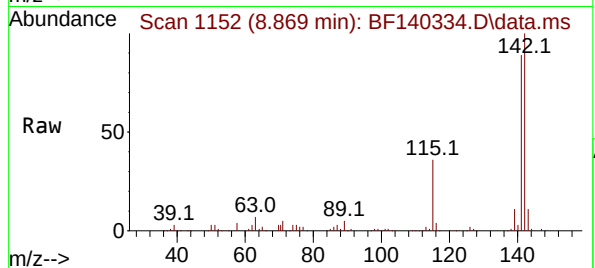
141 89.1 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#38

1-Methylnaphthalene

Concen: 10.926 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140334.D

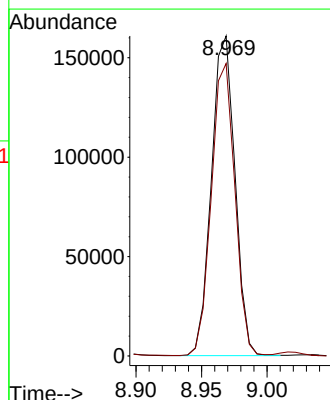
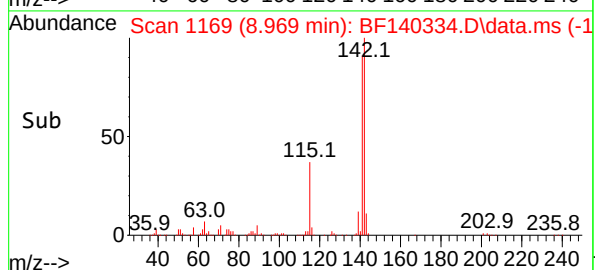
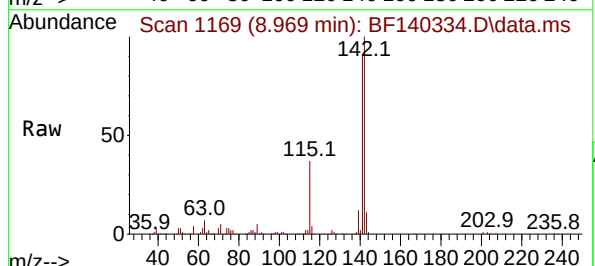
Acq: 13 Nov 2024 09:53

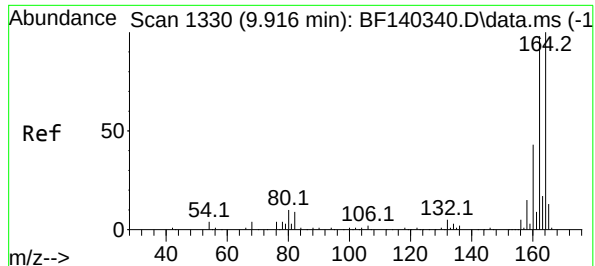
Tgt Ion:142 Resp: 200722

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 33234

Ion Ratio Lower Upper

164 100

162 97.7 79.8 119.8

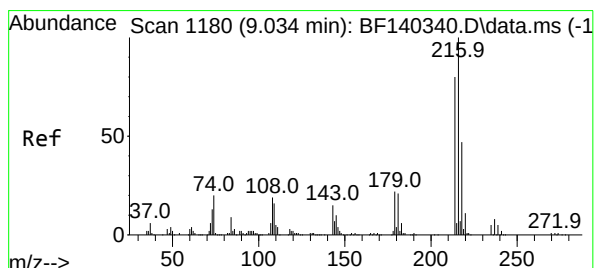
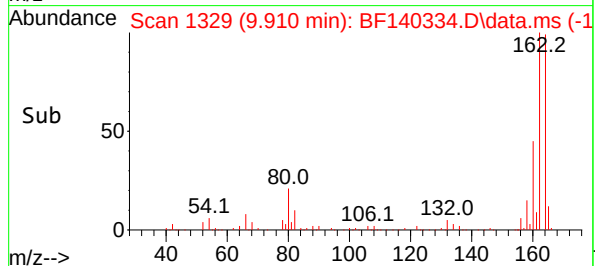
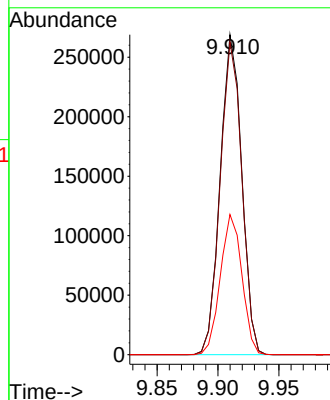
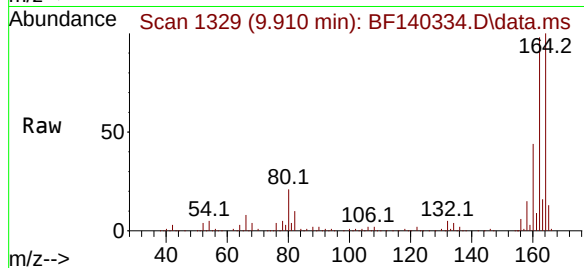
160 43.8 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.573 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:216 Resp: 97174

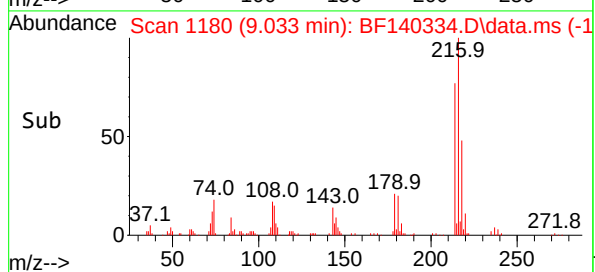
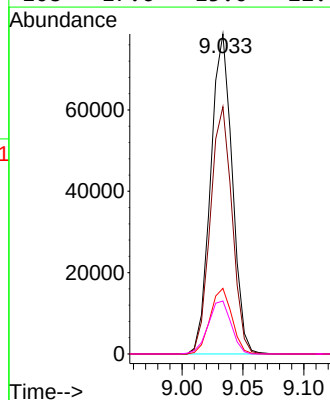
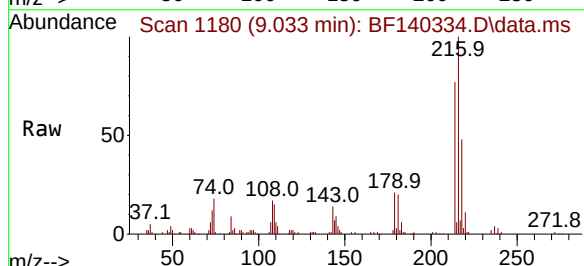
Ion Ratio Lower Upper

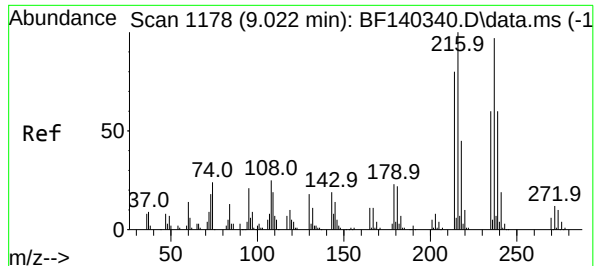
216 100

214 77.6 63.2 94.8

179 20.6 17.2 25.8

108 17.6 15.0 22.4





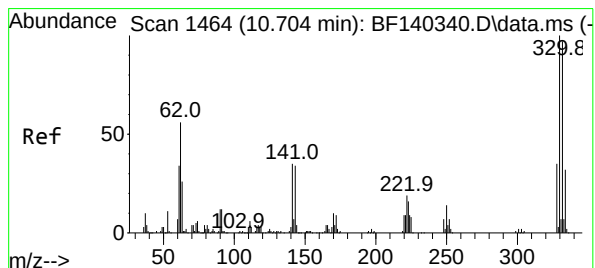
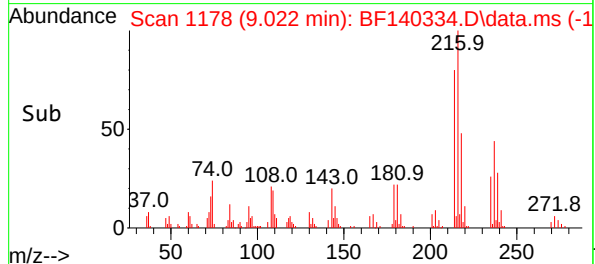
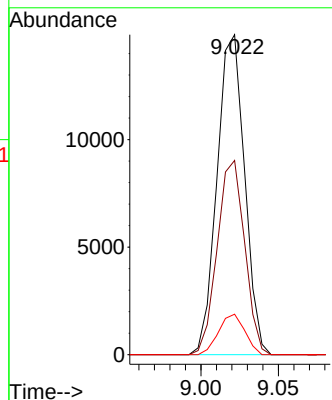
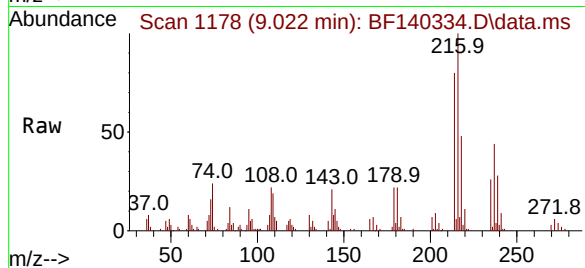
#41
Hexachlorocyclopentadiene
Concen: 7.800 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :
BNA_F
Client Sample Id :
SSTDICC010

Tgt Ion: 237 Resp: 1840
Ion Ratio Lower Upper
237 100
235 60.7 42.8 82.8
272 12.7 0.0 33.1

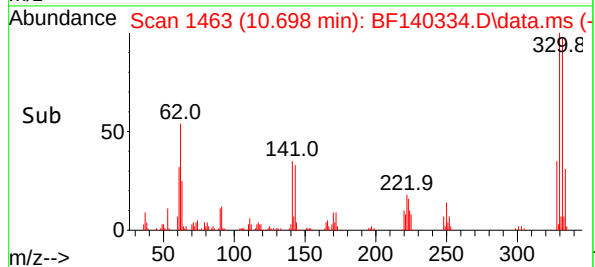
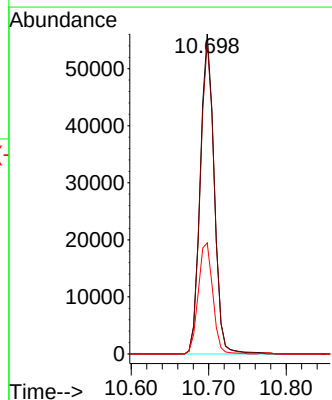
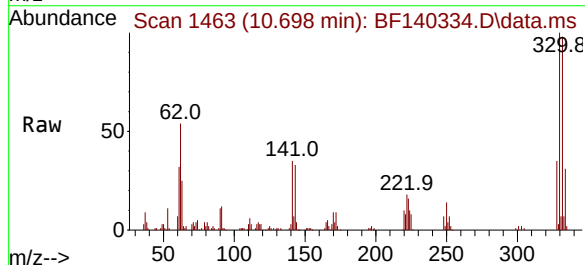
Manual Integrations
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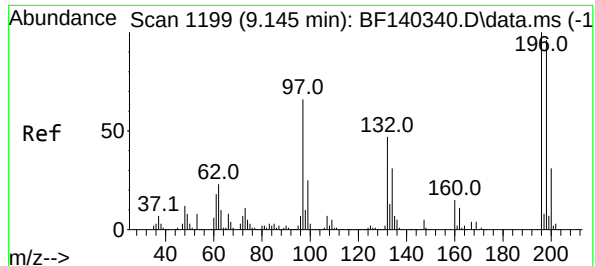
Reviewed By : Yogesh Patel 11/14/2024
Supervised By : mohammad ahmed 11/14/2024



#42
2,4,6-Tribromophenol
Concen: 21.193 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 330 Resp: 70040
Ion Ratio Lower Upper
330 100
332 97.5 75.9 113.9
141 36.1 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 10.302 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

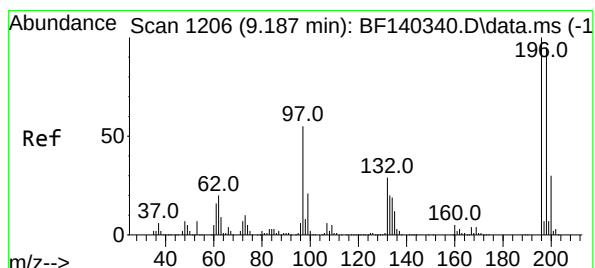
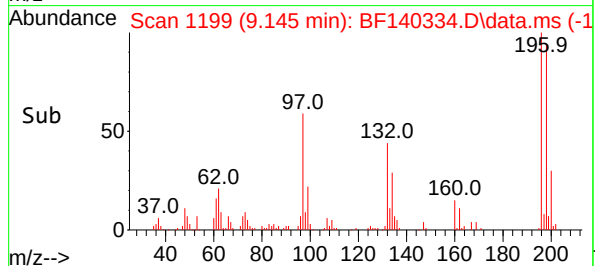
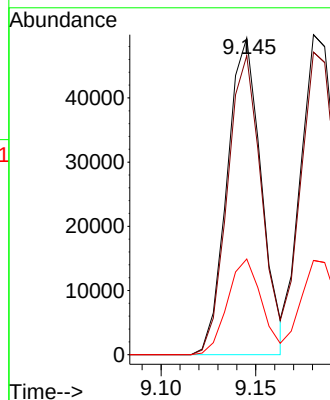
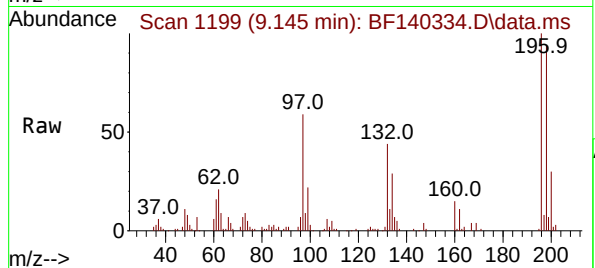
Tgt Ion:196	Resp:	62134
Ion	Ratio	Lower Upper
196	100	
198	94.4	77.0 115.4
200	30.2	24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#44

2,4,5-Trichlorophenol

Concen: 10.520 ng

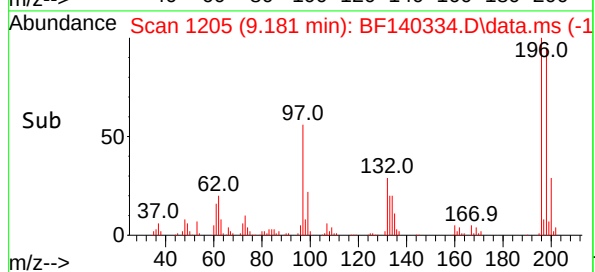
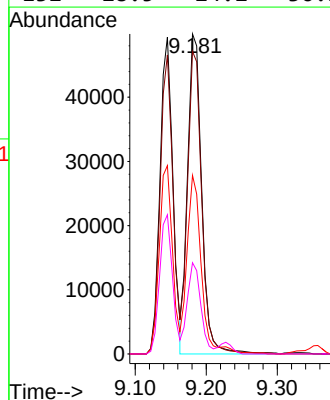
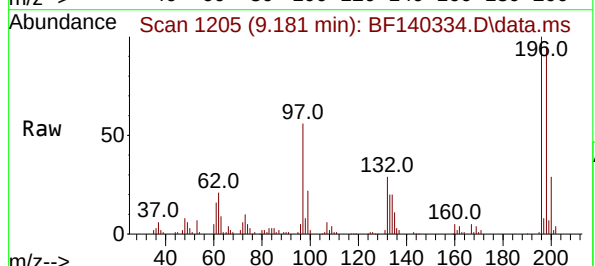
RT: 9.181 min Scan# 1205

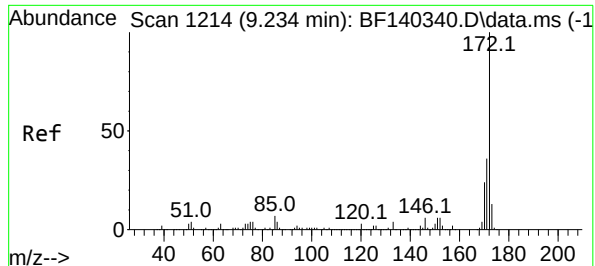
Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:196	Resp:	69370
Ion	Ratio	Lower Upper
196	100	
198	94.6	77.6 116.4
97	55.8	45.4 68.2
132	28.5	24.2 36.2





#45

2-Fluorobiphenyl

Concen: 22.441 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

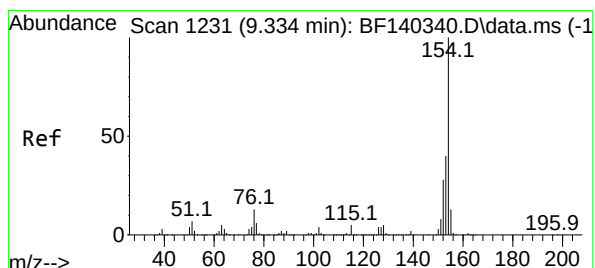
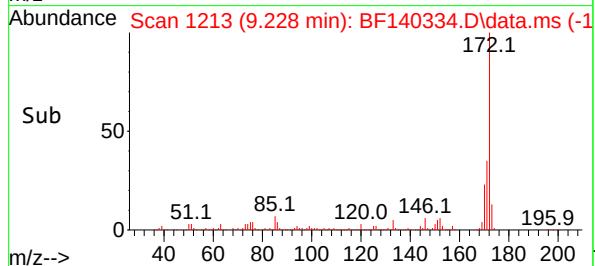
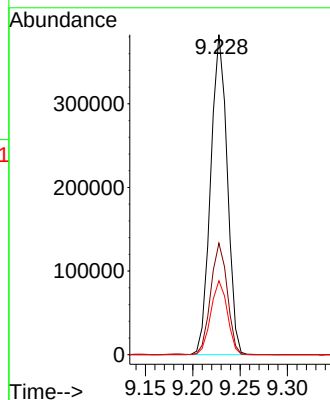
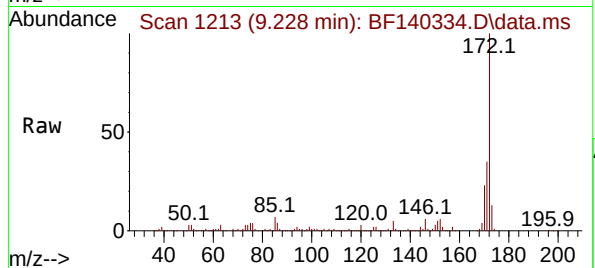
ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 463950
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.1 19.1 28.7

Manual Integrations
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Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#46

1,1'-Biphenyl

Concen: 10.796 ng

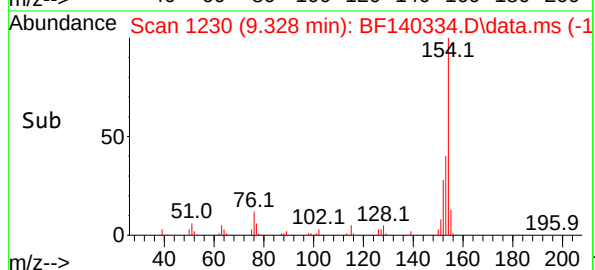
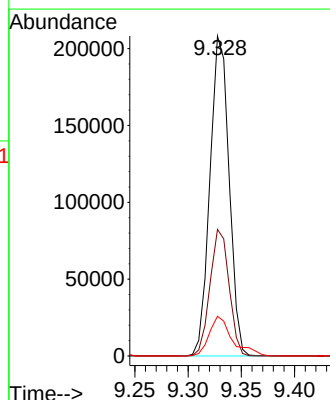
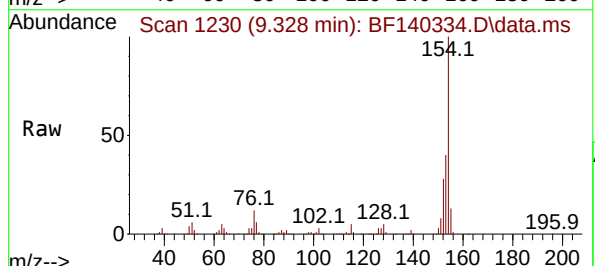
RT: 9.328 min Scan# 1230

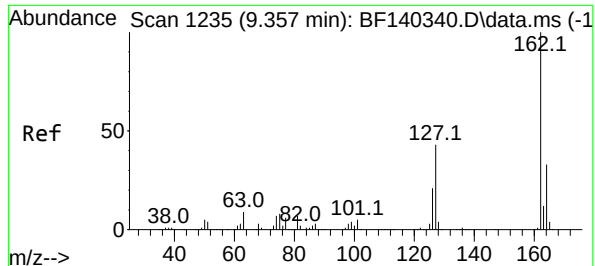
Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:154 Resp: 261030
Ion Ratio Lower Upper
154 100
153 39.5 20.4 60.4
76 12.4 0.0 32.9





#47

2-Chloronaphthalene

Concen: 10.662 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

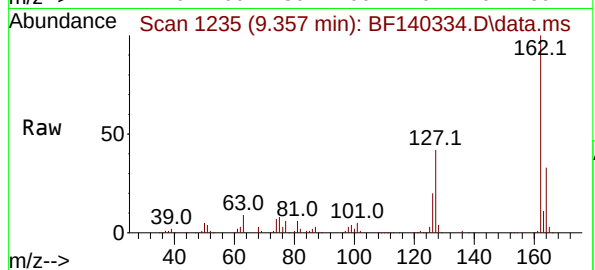
Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 196370

Ion Ratio Lower Upper

162 100

127 42.1 34.0 51.0

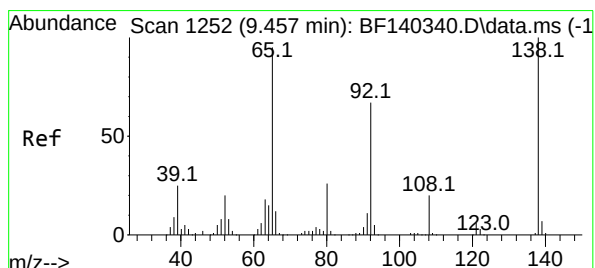
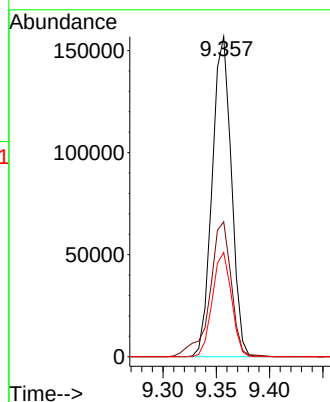
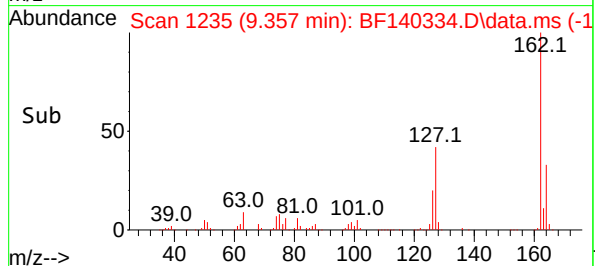
164 32.6 26.5 39.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#48

2-Nitroaniline

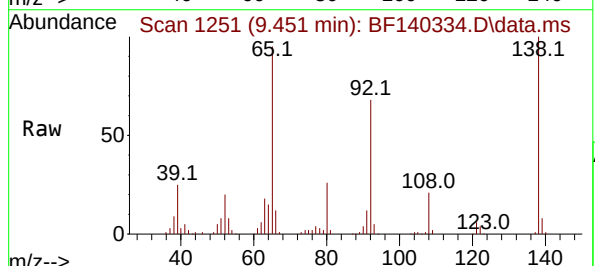
Concen: 9.927 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53



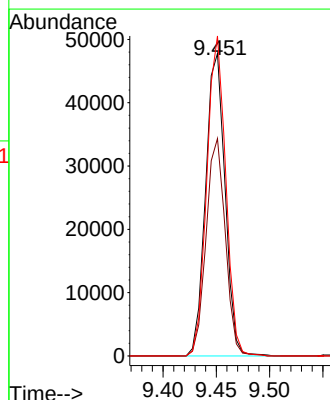
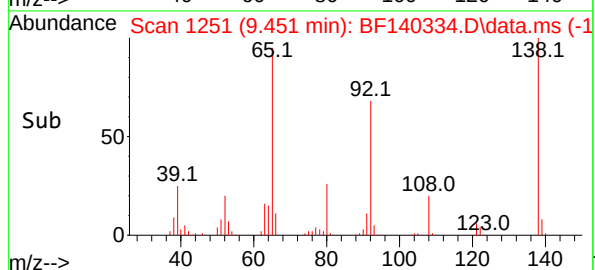
Tgt Ion: 65 Resp: 60634

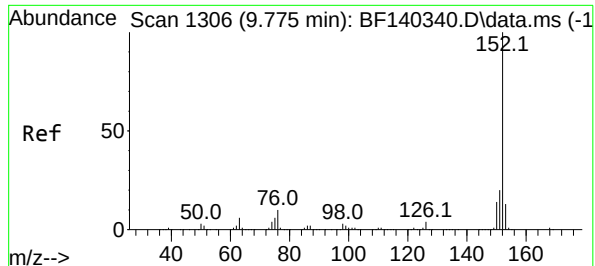
Ion Ratio Lower Upper

65 100

92 71.8 56.4 84.6

138 105.7 84.8 127.2





#49

Acenaphthylene

Concen: 10.749 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

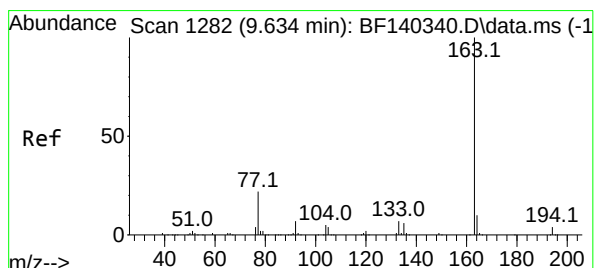
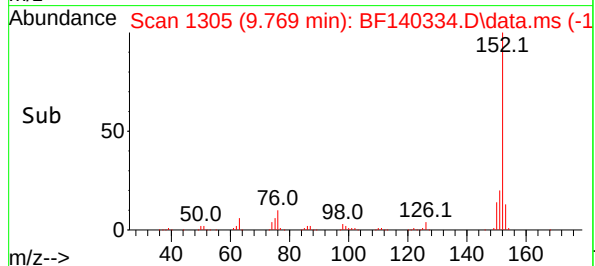
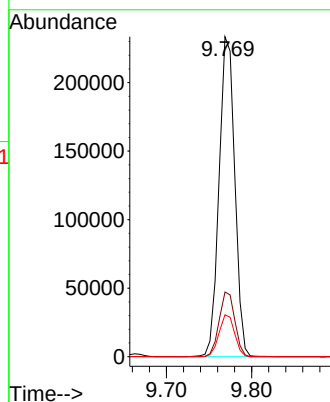
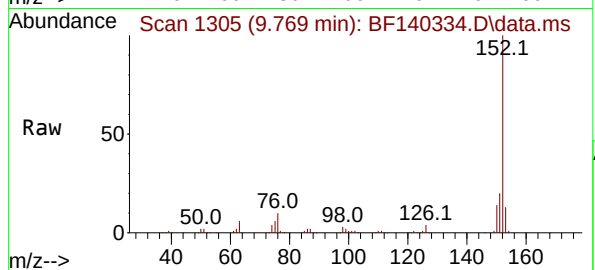
SSTDICC010

Tgt Ion:	152	Resp:	29952
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	13.1	10.7	16.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#50

Dimethylphthalate

Concen: 10.419 ng

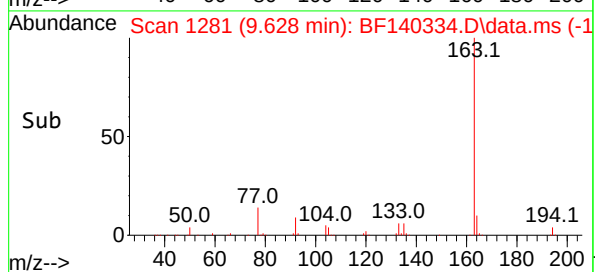
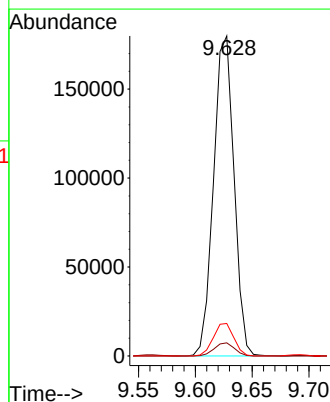
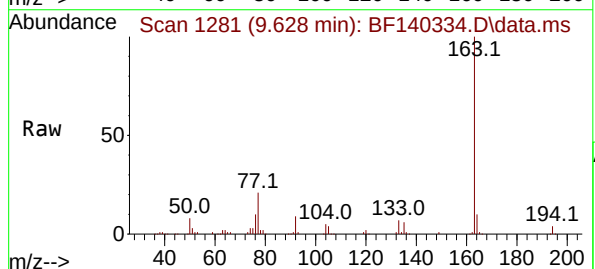
RT: 9.628 min Scan# 1281

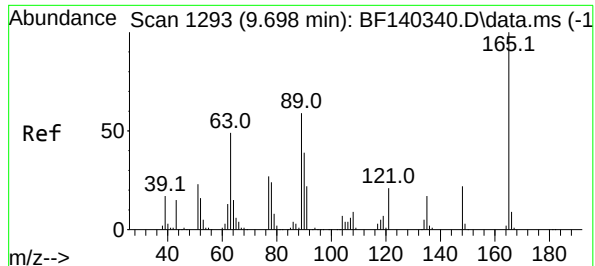
Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:	163	Resp:	225705
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.2	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 10.206 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 50400

Ion Ratio Lower Upper

165 100

63 56.8 47.6 71.4

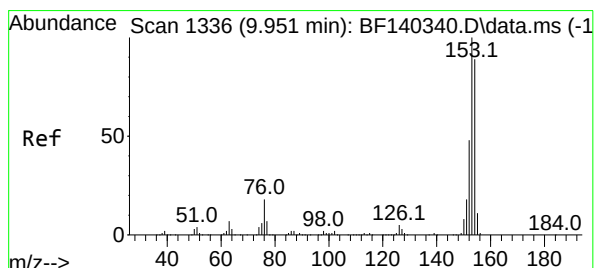
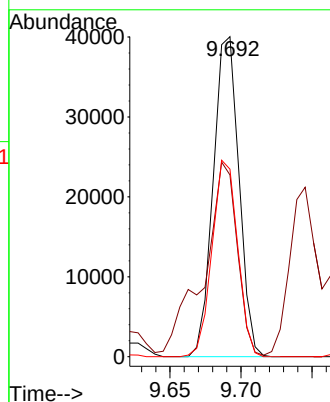
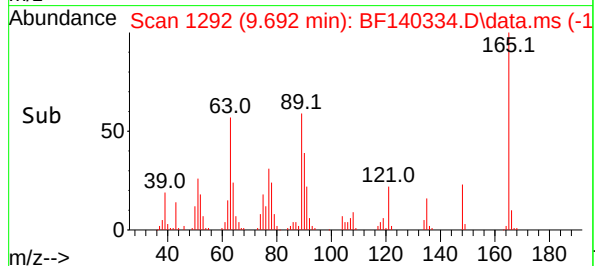
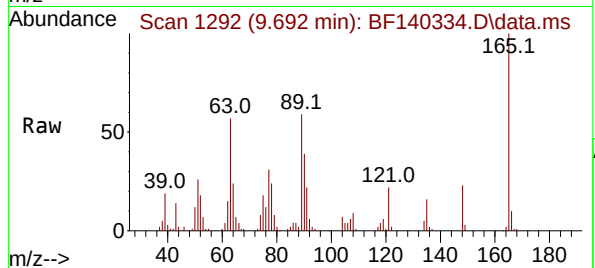
89 58.6 48.1 72.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#52

Acenaphthene

Concen: 10.629 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

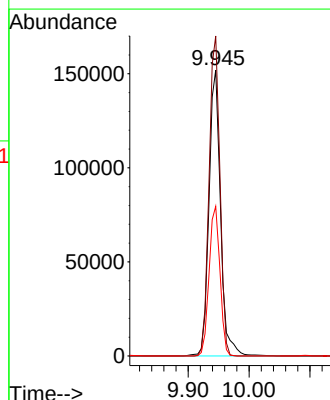
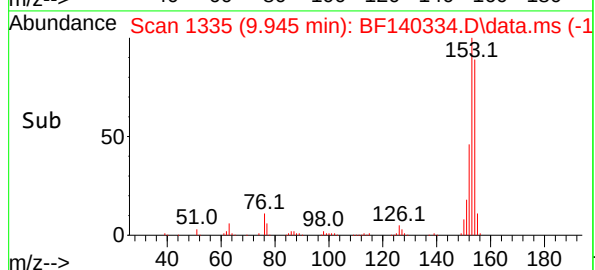
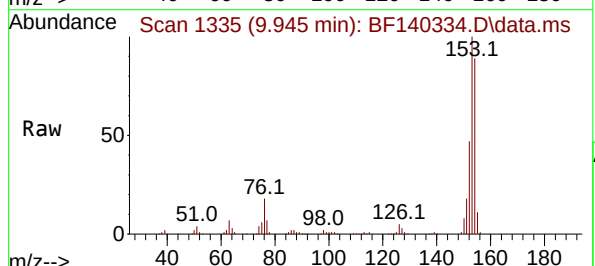
Tgt Ion:154 Resp: 200055

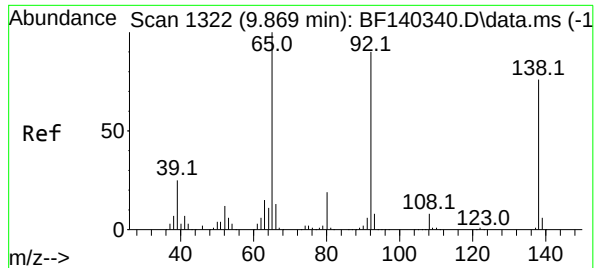
Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.8

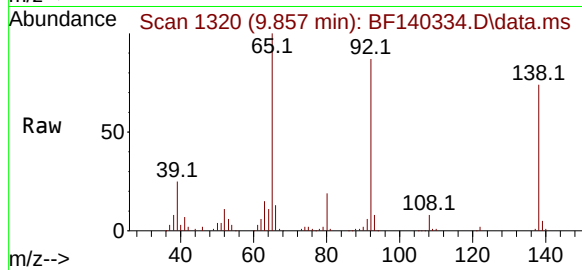
152 52.3 42.6 64.0





#53
3-Nitroaniline
Concen: 10.473 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

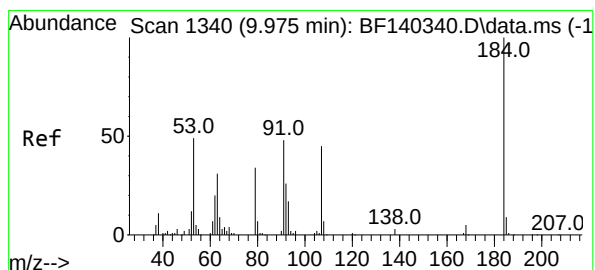
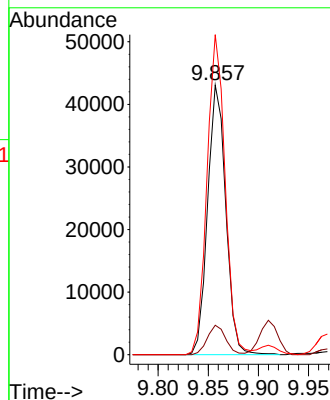
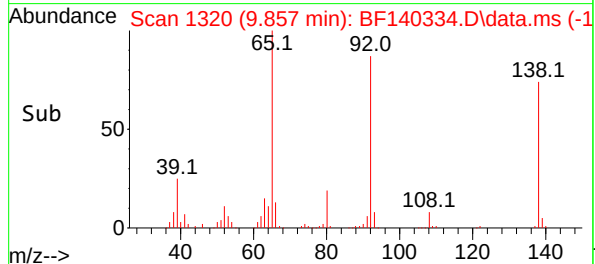
Instrument :
BNA_F
Client Sample Id :
SSTDICC010



Tgt Ion:138 Resp: 54319
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 118.7 95.5 143.3

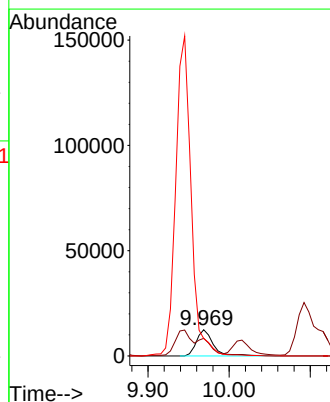
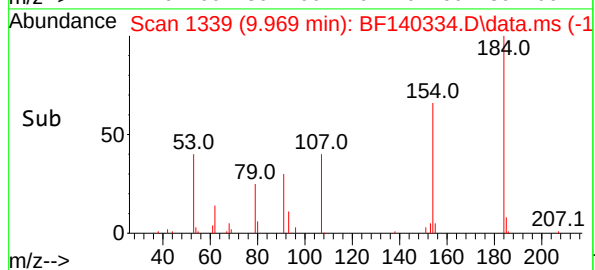
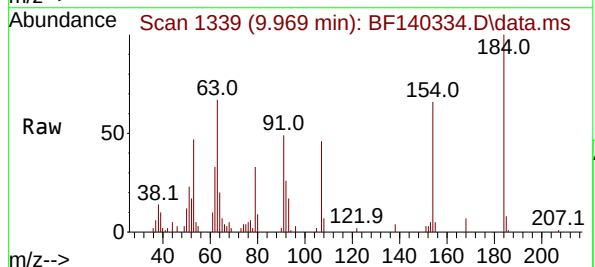
Manual Integrations
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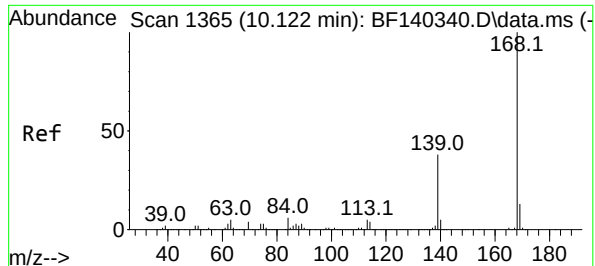
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#54
2,4-Dinitrophenol
Concen: 7.117 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

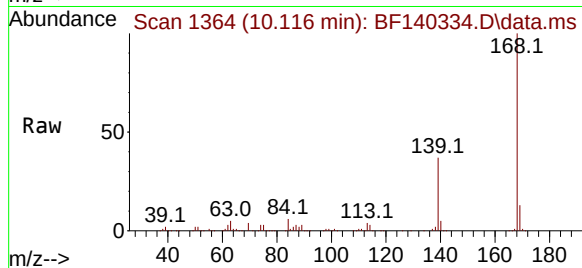
Tgt Ion:184 Resp: 18126
Ion Ratio Lower Upper
184 100
63 66.6 53.5 80.3
154 66.3 51.3 76.9





#55
Dibenzenofuran
Concen: 10.825 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

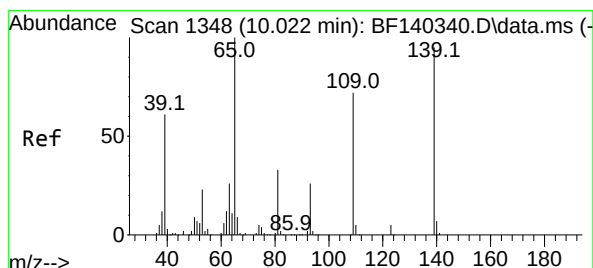
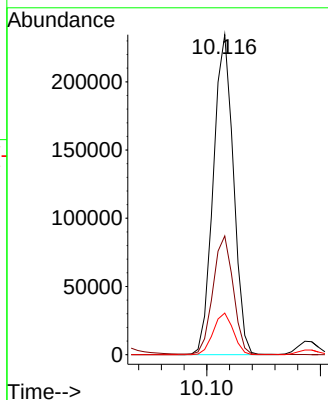
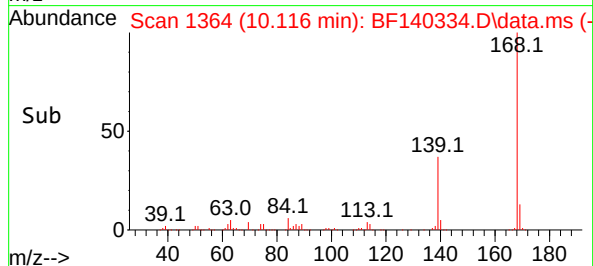
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 28841
Ion Ratio Lower Upper
168 100
139 37.1 30.8 46.2
169 13.0 10.8 16.2

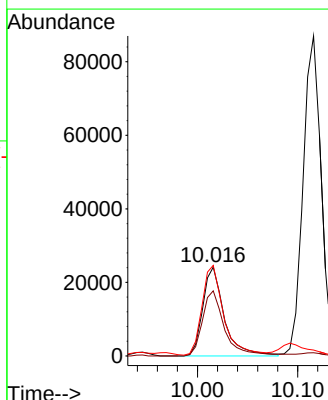
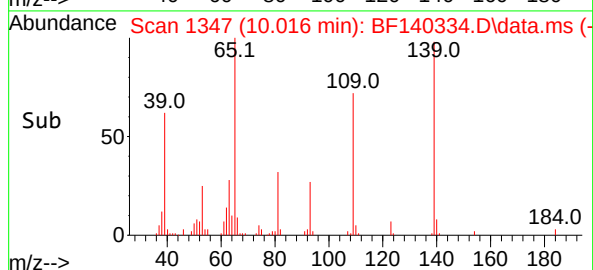
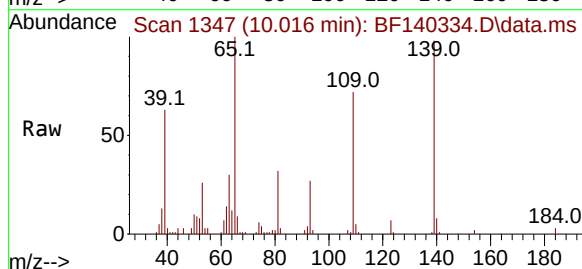
Manual Integrations
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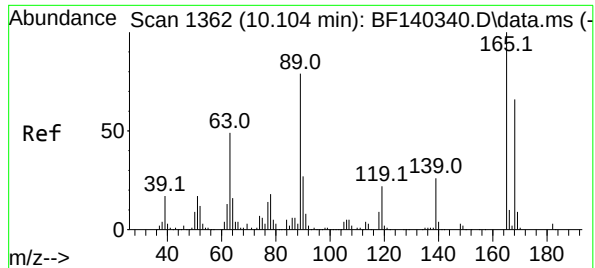
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#56
4-Nitrophenol
Concen: 9.531 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:139 Resp: 36056
Ion Ratio Lower Upper
139 100
109 73.3 54.5 94.5
65 102.0 84.4 124.4





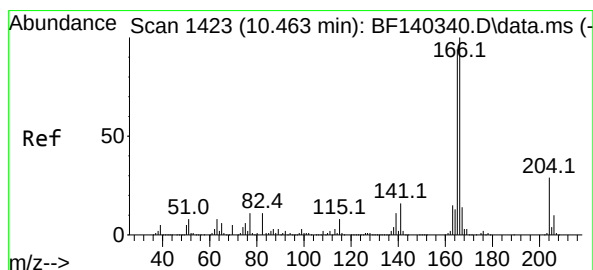
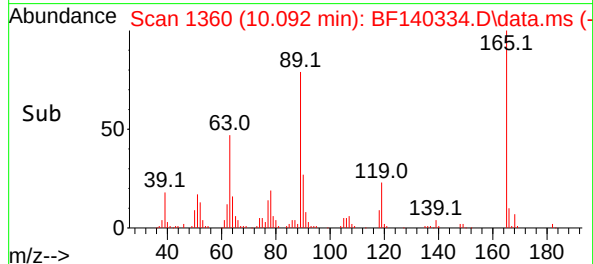
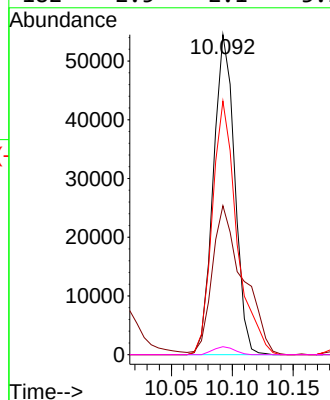
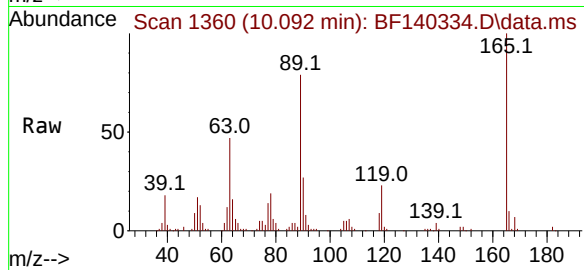
#57
2,4-Dinitrotoluene
Concen: 10.231 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 66490
Ion Ratio Lower Upper
165 100
63 46.5 39.4 59.0
89 79.2 62.4 93.6
182 2.5 2.1 3.1

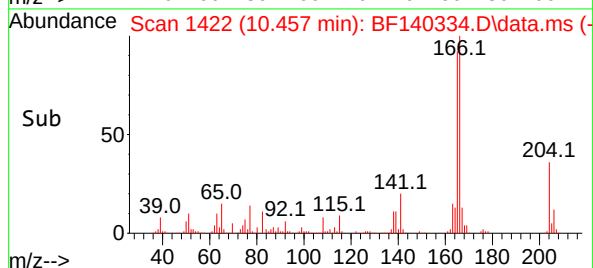
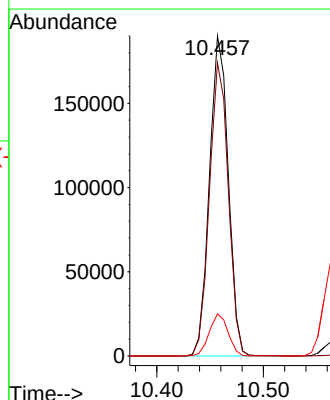
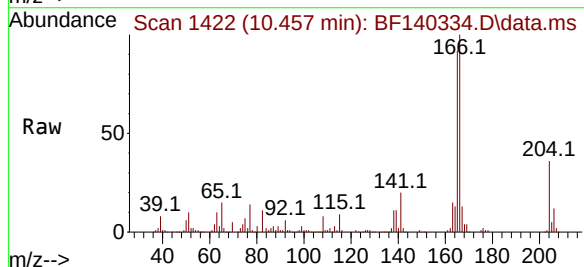
Manual Integrations
APPROVED

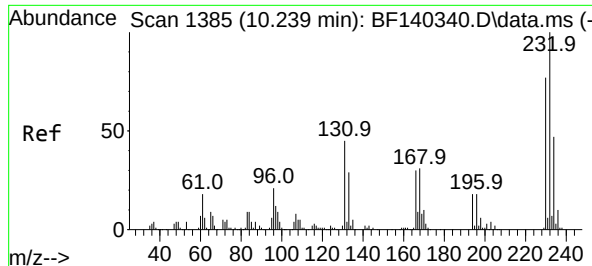
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#58
Fluorene
Concen: 11.080 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

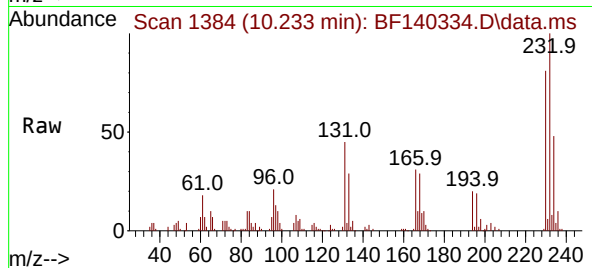
Tgt Ion:166 Resp: 233209
Ion Ratio Lower Upper
166 100
165 91.6 73.9 110.9
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.489 ng m
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

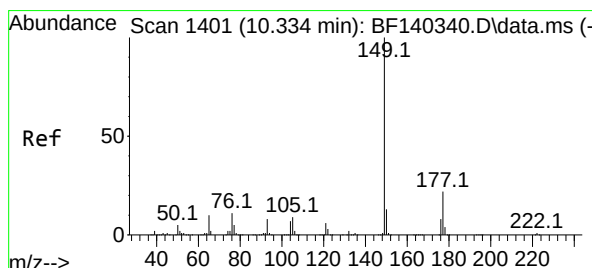
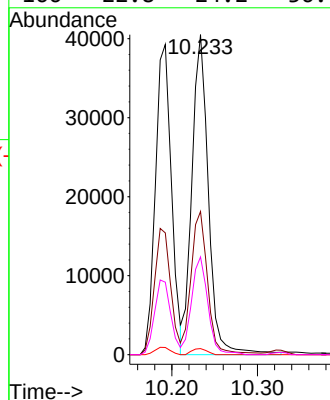
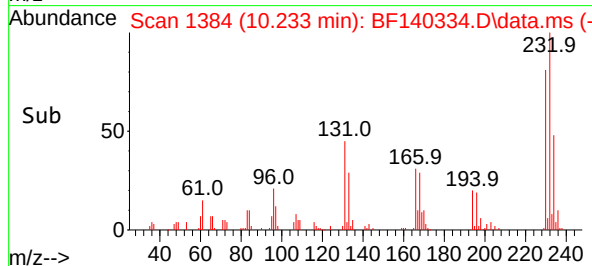
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 5456
Ion Ratio Lower Upper
232 100
131 38.6 36.8 55.2
130 2.1 1.9 2.9
166 22.8 24.2 36.4#

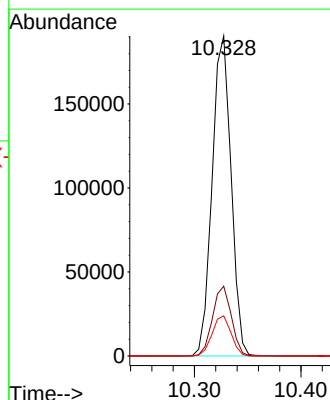
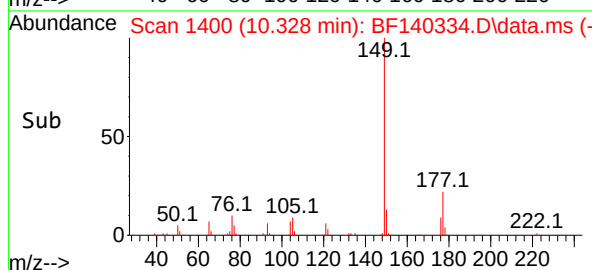
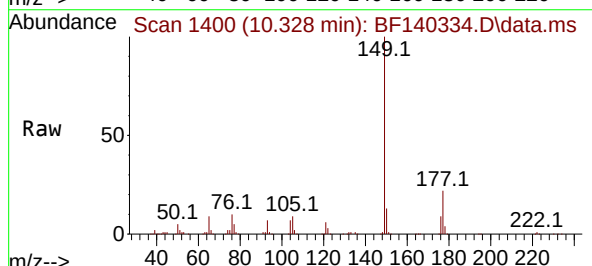
Manual Integrations
APPROVED

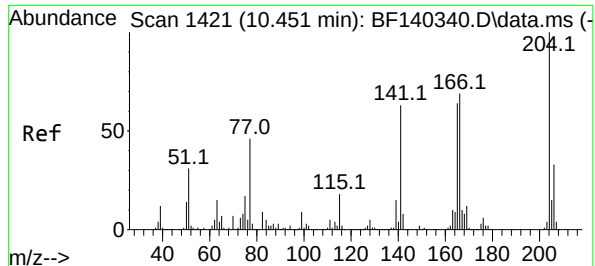
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#60
Diethylphthalate
Concen: 10.632 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

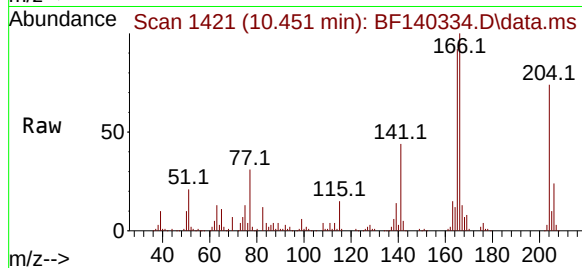
Tgt Ion:149 Resp: 235508
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 11.002 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

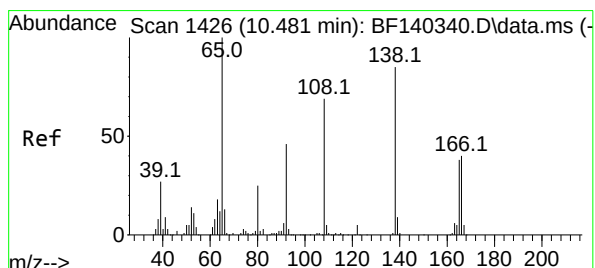
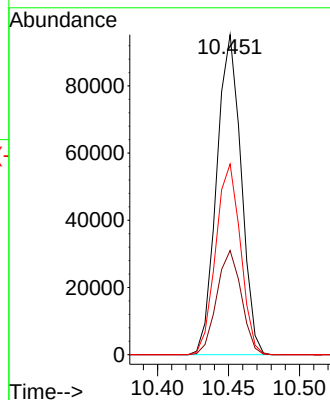
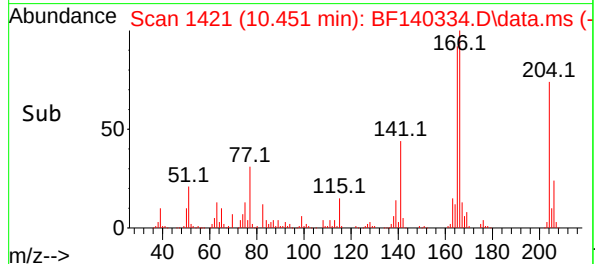
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 114328
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 59.6 49.8 74.8

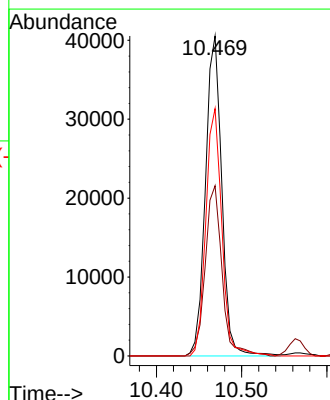
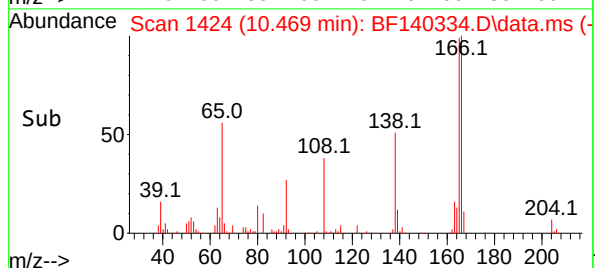
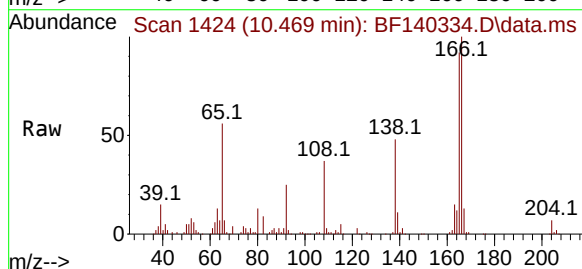
Manual Integrations
APPROVED

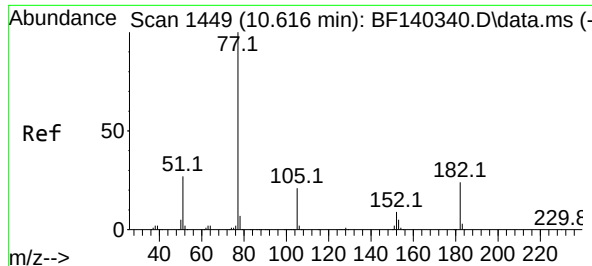
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#62
4-Nitroaniline
Concen: 10.188 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:138 Resp: 54026
Ion Ratio Lower Upper
138 100
92 53.2 33.8 73.8
108 77.3 59.9 99.9





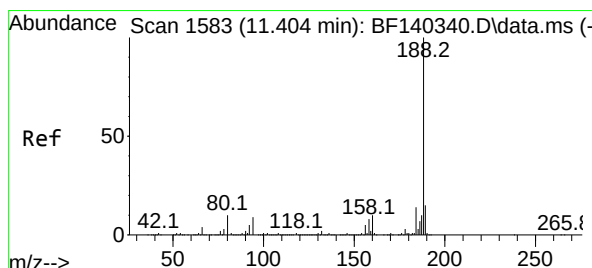
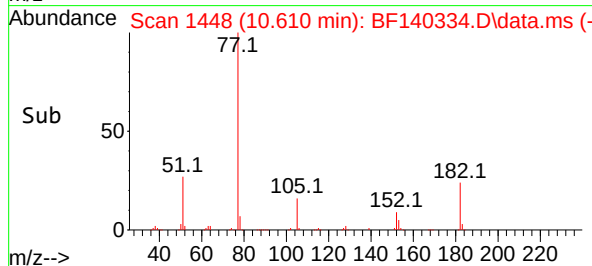
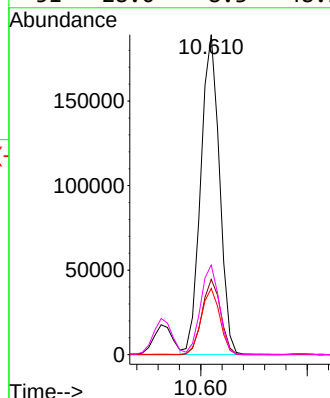
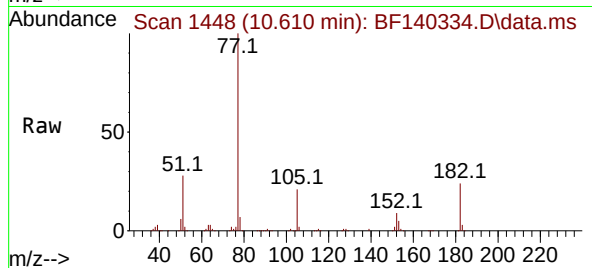
#63
Azobenzene
Concen: 10.562 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :
BNA_F
Client Sample Id :
SSTDICC010

Tgt Ion: 77 Resp: 23116
Ion Ratio Lower Upper
77 100
182 23.6 4.6 44.6
105 20.7 0.9 40.9
51 28.0 8.3 48.3

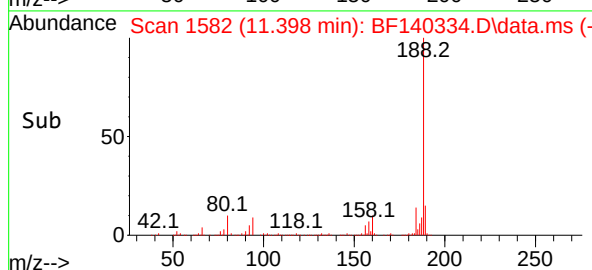
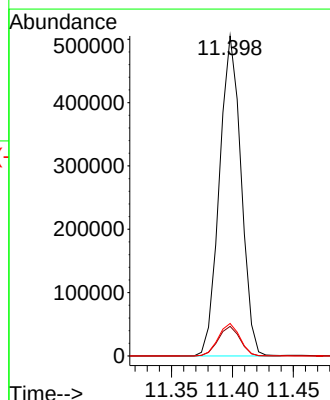
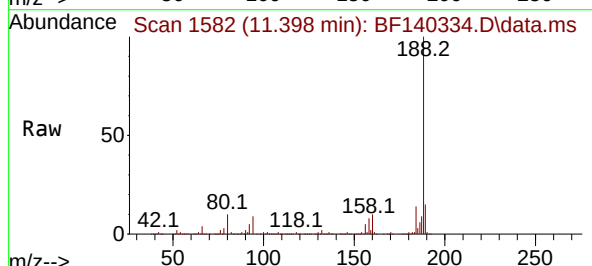
Manual Integrations
APPROVED

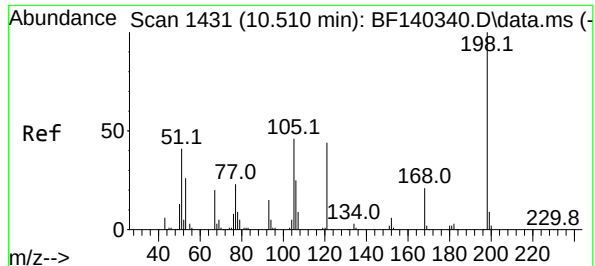
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

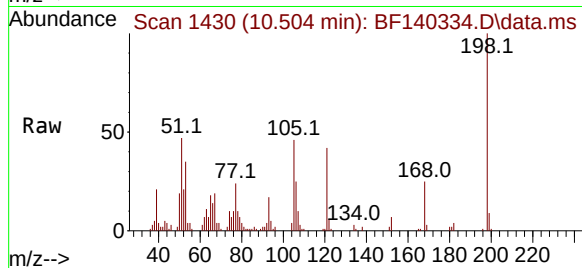
Tgt Ion:188 Resp: 625922
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.2 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 9.095 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

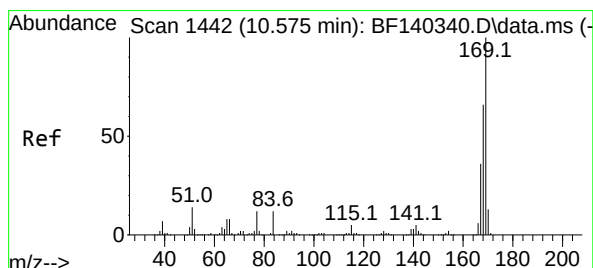
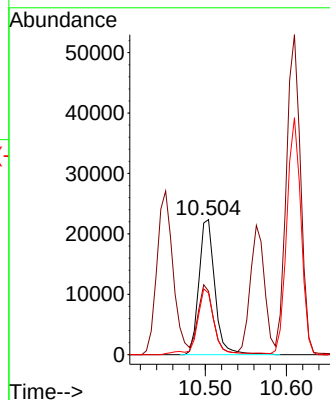
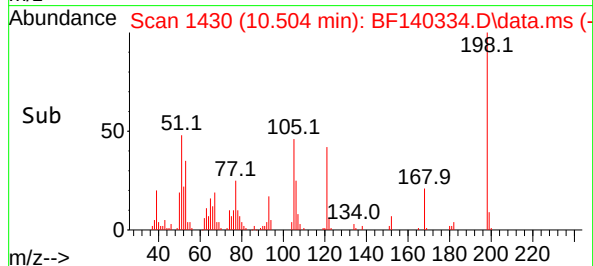
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 30629
Ion Ratio Lower Upper
198 100
51 47.0 29.7 69.7
105 45.6 26.3 66.3

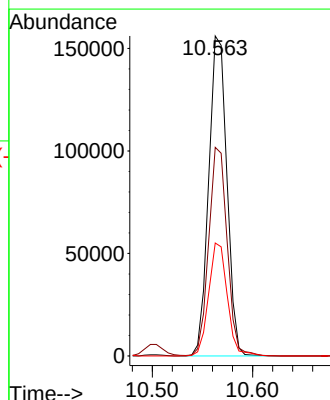
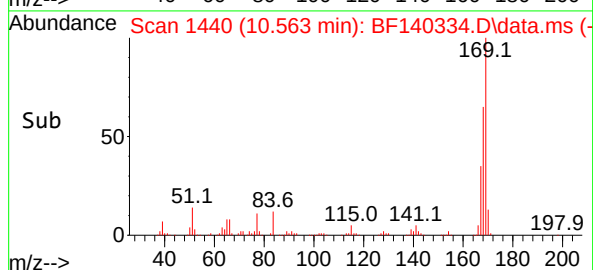
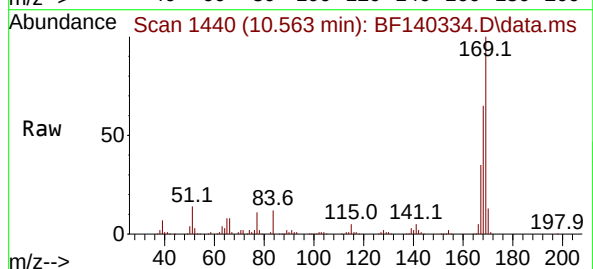
Manual Integrations
APPROVED

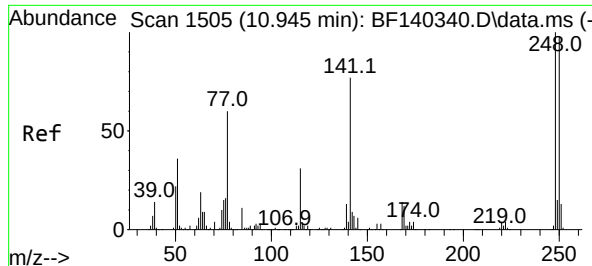
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#66
n-Nitrosodiphenylamine
Concen: 10.896 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:169 Resp: 197047
Ion Ratio Lower Upper
169 100
168 65.2 52.7 79.1
167 35.3 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 10.524 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

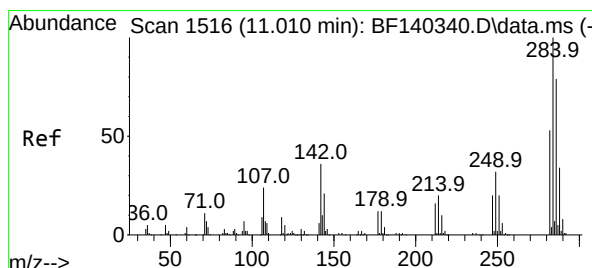
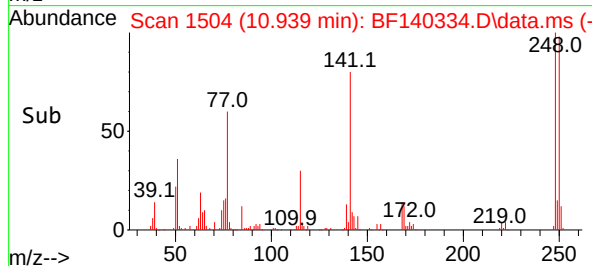
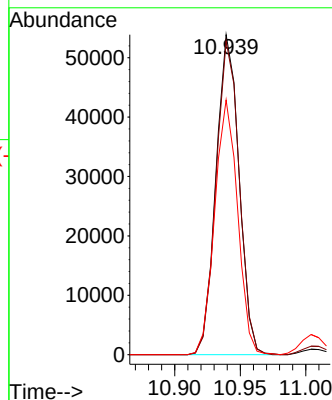
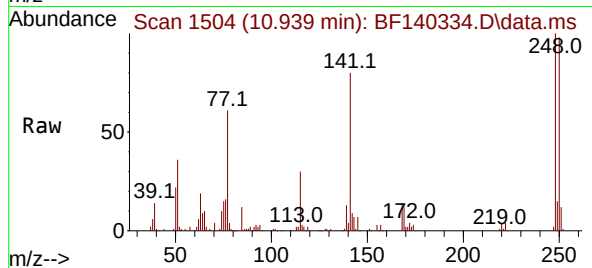
ClientSampleId :

SSTDICC010

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.9	116.9
141	79.6	61.8	92.6

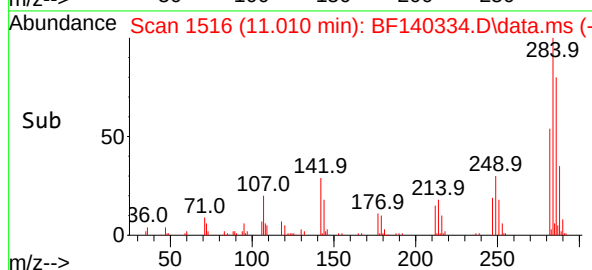
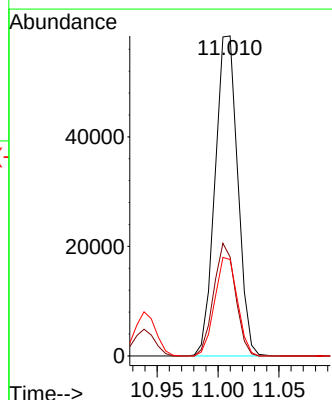
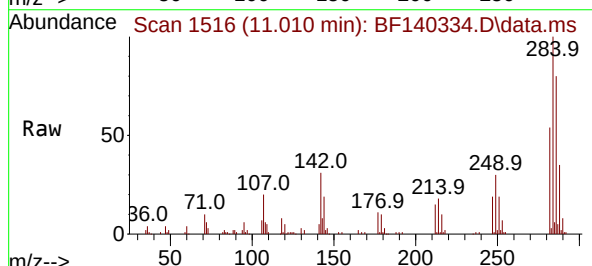
Manual Integrations
APPROVED

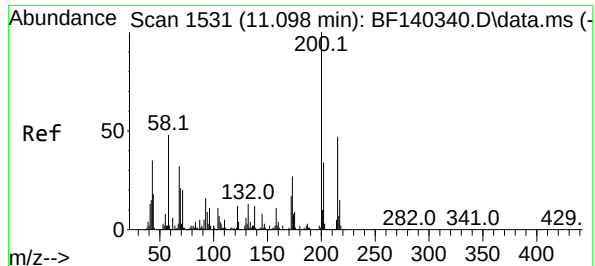
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#68
Hexachlorobenzene
Concen: 10.755 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	28.1	42.1
249	30.2	24.9	37.3





#69

Atrazine

Concen: 10.462 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

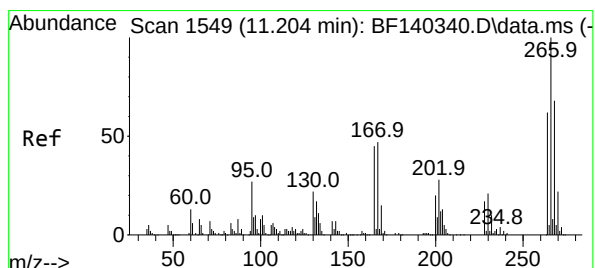
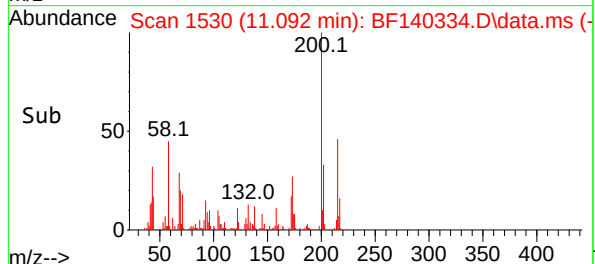
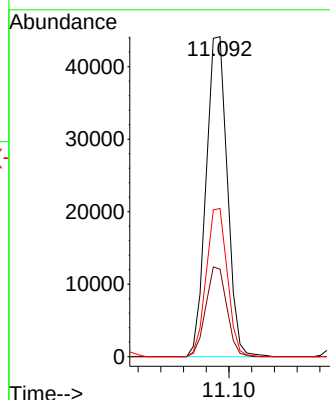
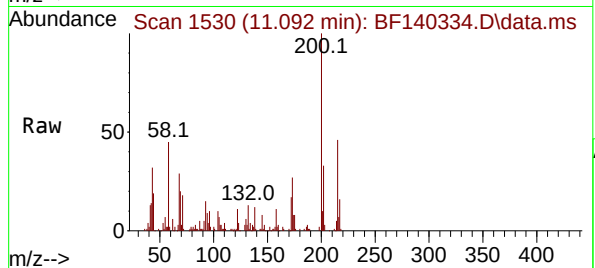
SSTDICC010

Tgt Ion:	200	Resp:	5724
Ion Ratio	Lower	Upper	
200	100		
173	27.3	6.6	46.6
215	46.3	27.2	67.2

Manual Integrations
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Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#70

Pentachlorophenol

Concen: 8.935 ng

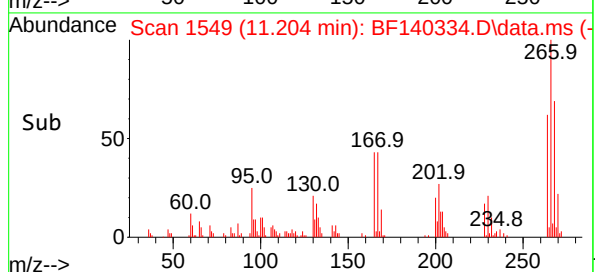
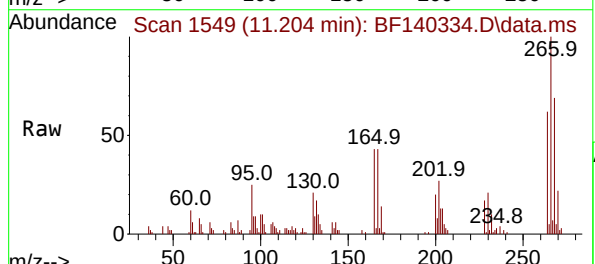
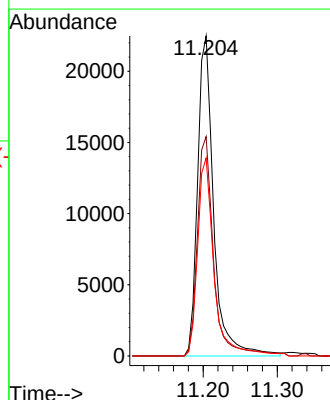
RT: 11.204 min Scan# 1549

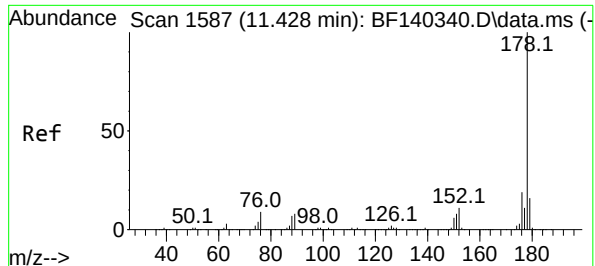
Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

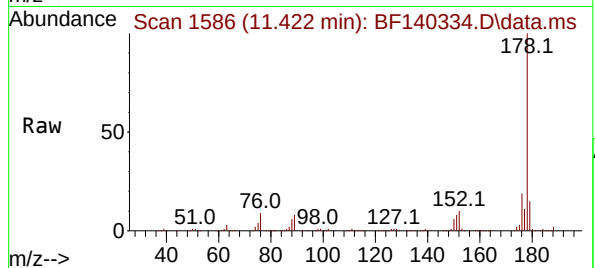
Tgt Ion:	266	Resp:	33884
Ion Ratio	Lower	Upper	
266	100		
268	68.6	52.9	79.3
264	61.9	50.3	75.5





#71
Phenanthrene
Concen: 11.209 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

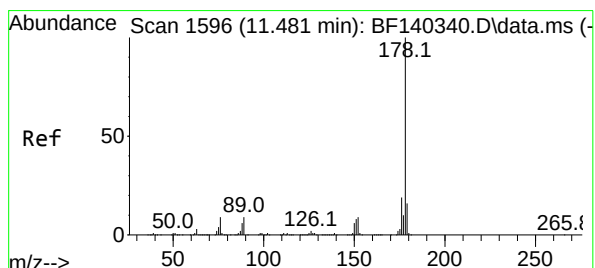
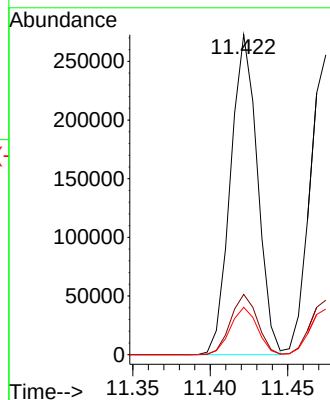
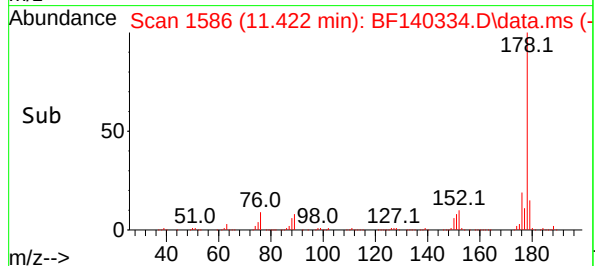
Instrument :
BNA_F
Client Sample Id :
SSTDICC010



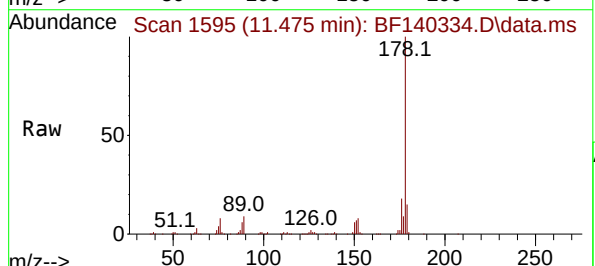
Tgt Ion:178 Resp: 329580
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 14.8 12.4 18.6

Manual Integrations
APPROVED

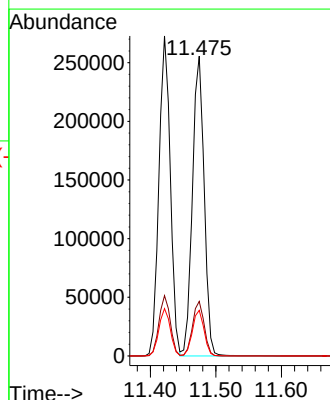
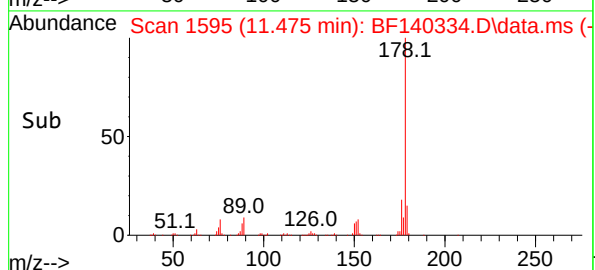
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

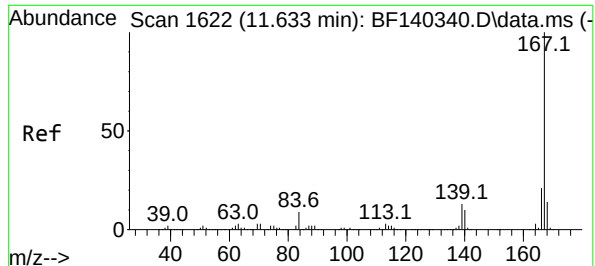


#72
Anthracene
Concen: 11.055 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53



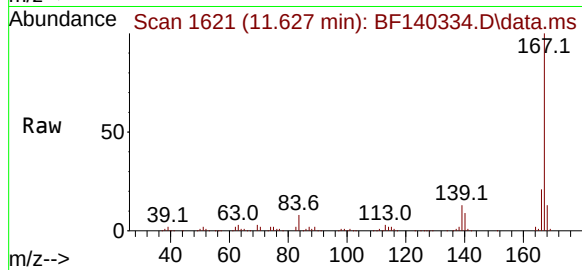
Tgt Ion:178 Resp: 318560
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 15.2 12.6 18.8





#73
Carbazole
Concen: 11.101 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

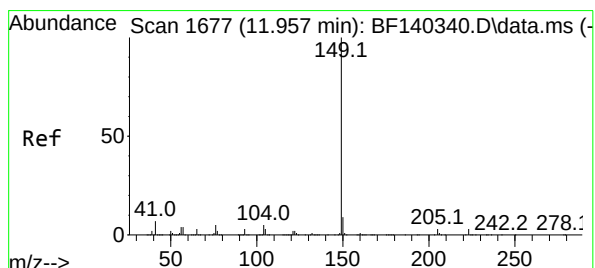
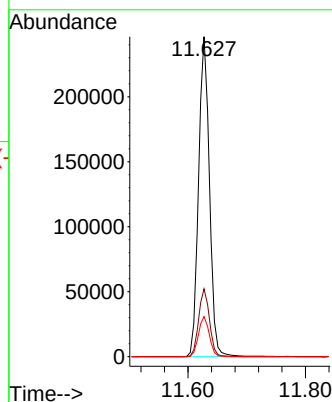
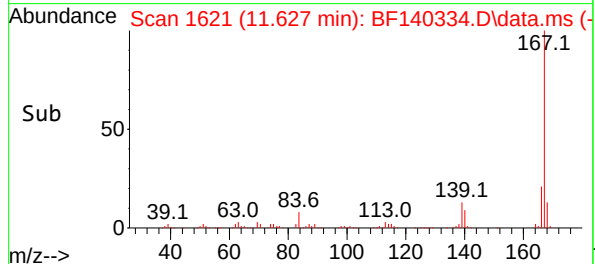
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 315859
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.6 10.4 15.6

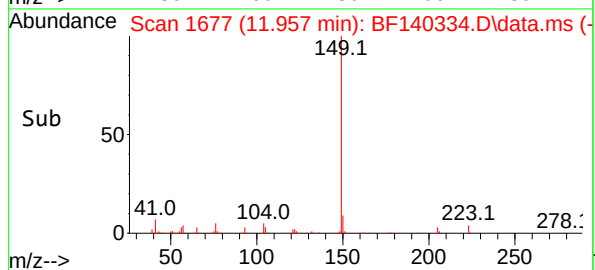
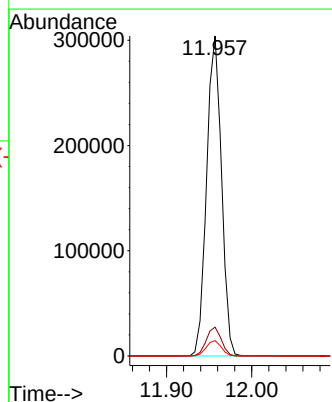
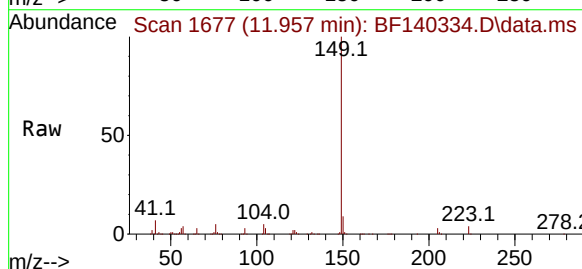
Manual Integrations
APPROVED

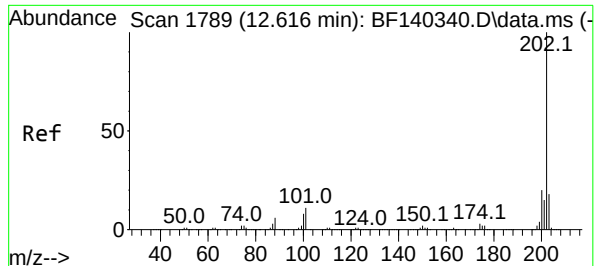
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#74
Di-n-butylphthalate
Concen: 10.788 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

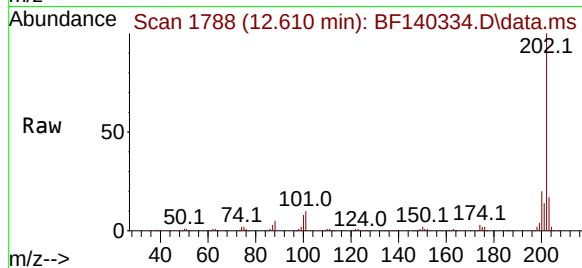
Tgt Ion:149 Resp: 368412
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 11.394 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

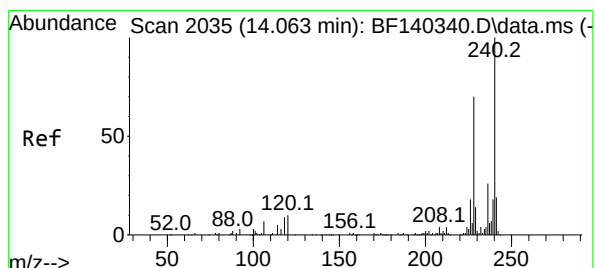
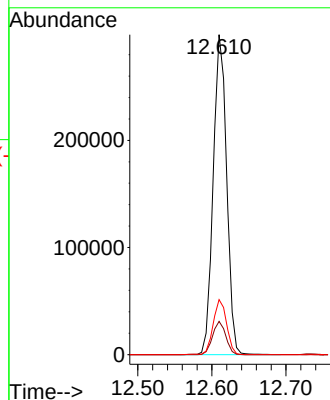
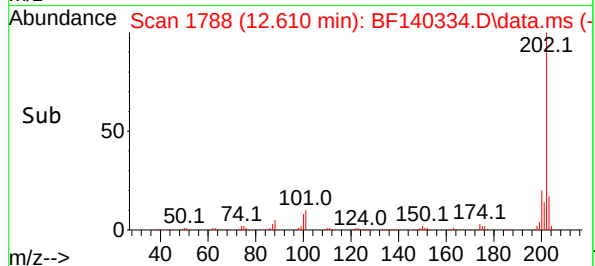
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 375840
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.2 0.0 37.7

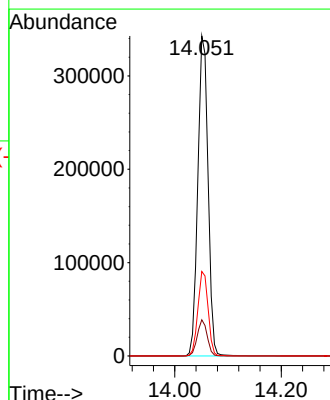
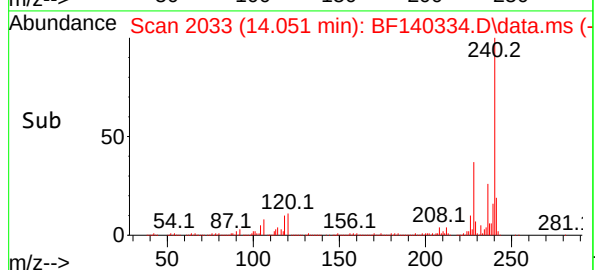
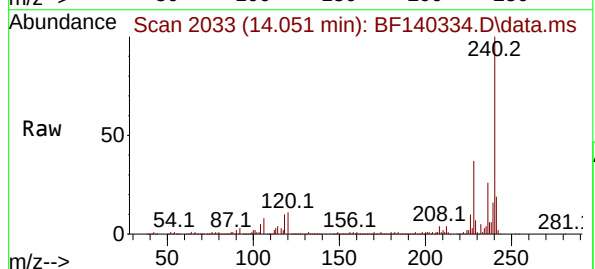
Manual Integrations
APPROVED

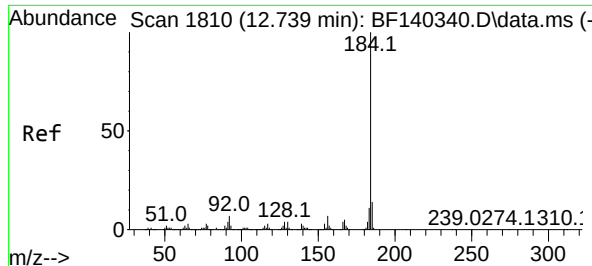
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:240 Resp: 456049
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.4 20.9 31.3





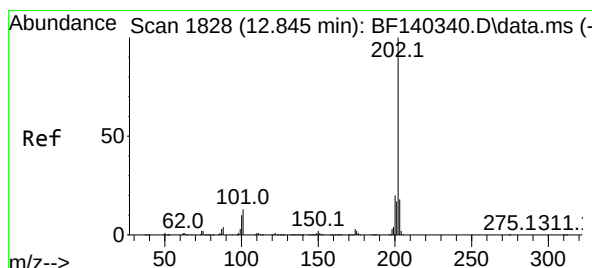
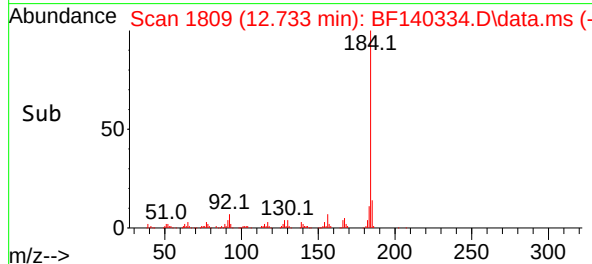
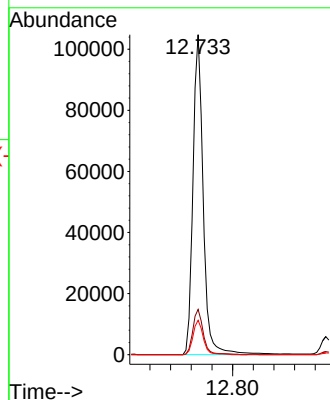
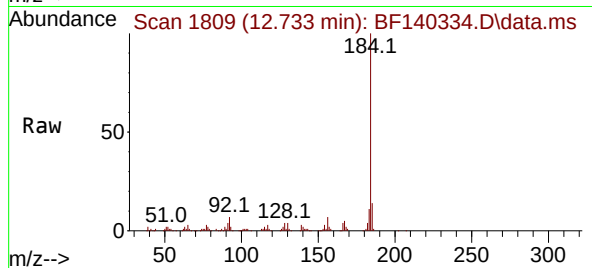
#77
Benzidine
Concen: 8.261 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 14459
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 10.8 8.6 13.0

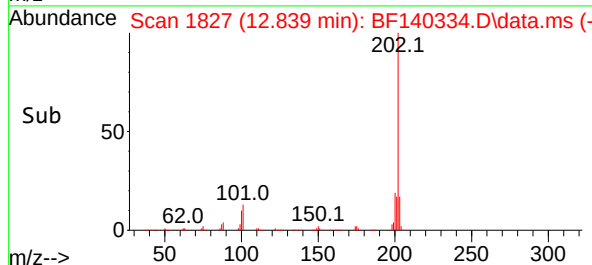
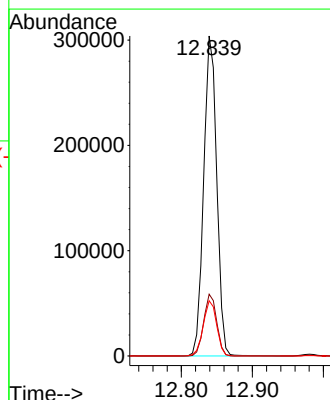
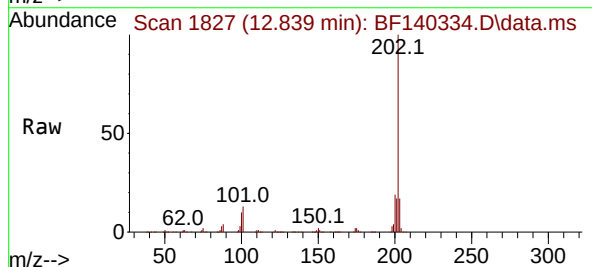
Manual Integrations
APPROVED

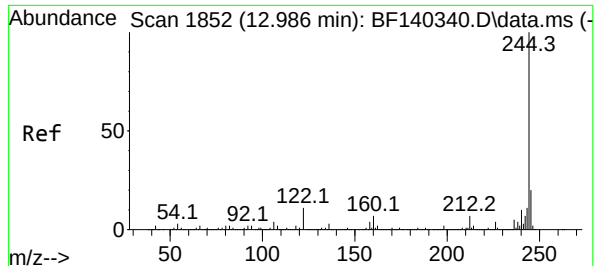
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#78
Pyrene
Concen: 9.972 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:202 Resp: 388982
Ion Ratio Lower Upper
202 100
200 19.3 16.2 24.2
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 20.567 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

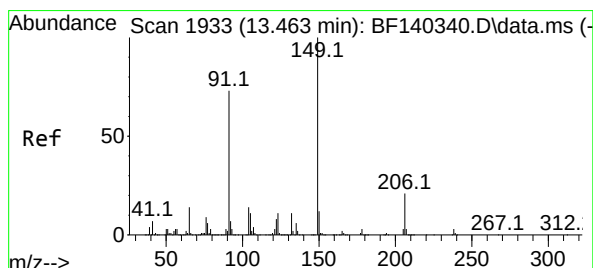
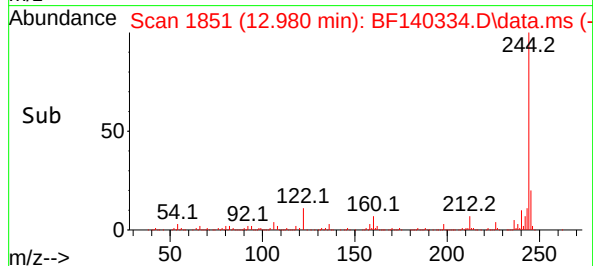
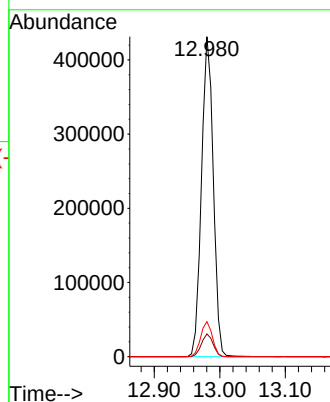
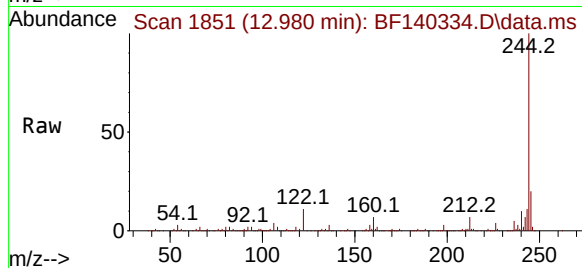
Tgt Ion:	244	Resp:	54036
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#80

Butylbenzylphthalate

Concen: 9.702 ng

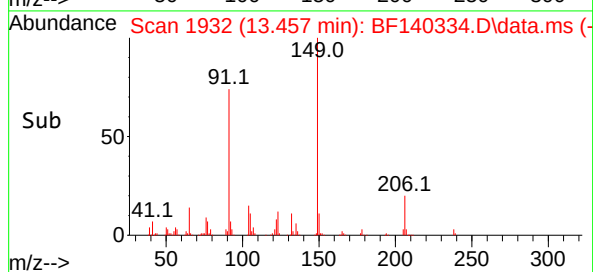
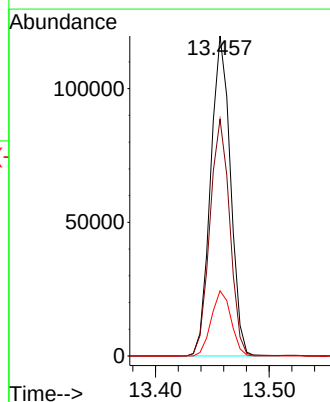
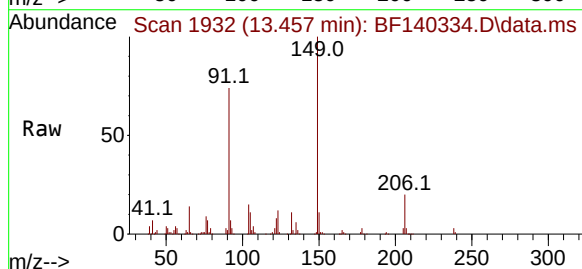
RT: 13.457 min Scan# 1932

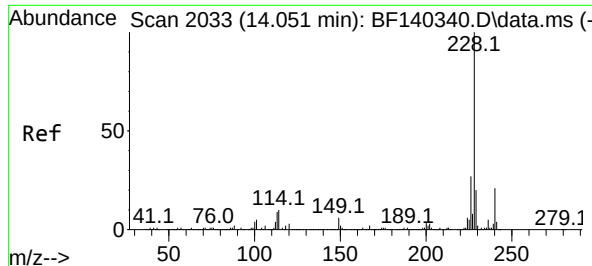
Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:	149	Resp:	145394
Ion Ratio	Lower	Upper	
149	100		
91	74.0	61.0	91.4
206	20.4	16.1	24.1





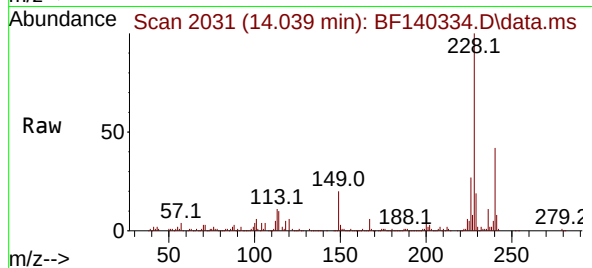
#81
Benzo(a)anthracene
Concen: 10.791 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

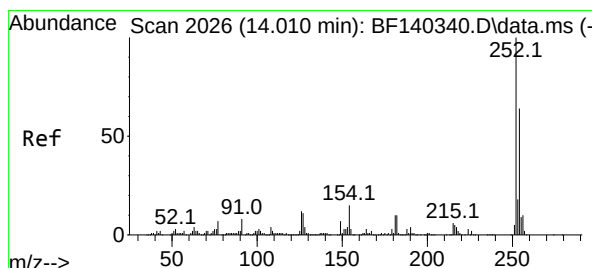
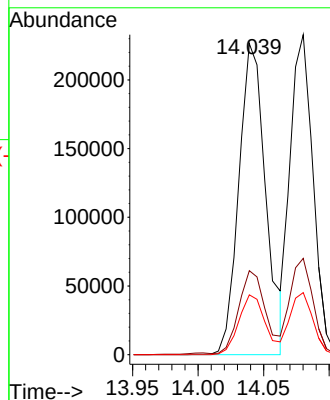
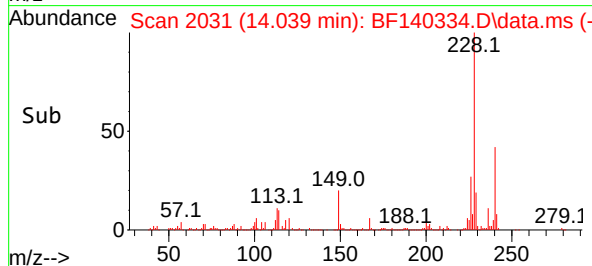
SSTDICC010



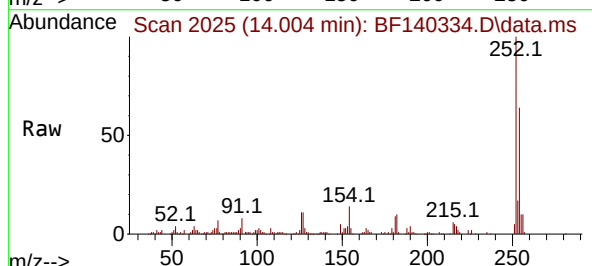
Tgt Ion:228 Resp: 323440
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.2 15.8 23.6

Manual Integrations
APPROVED

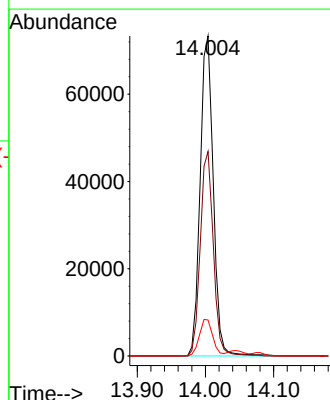
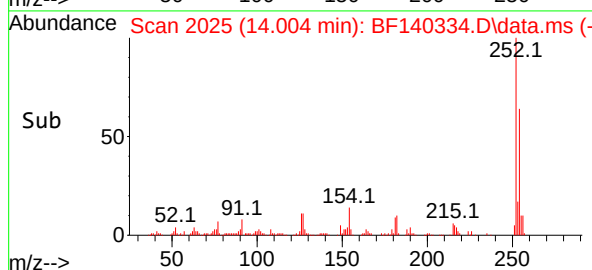
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

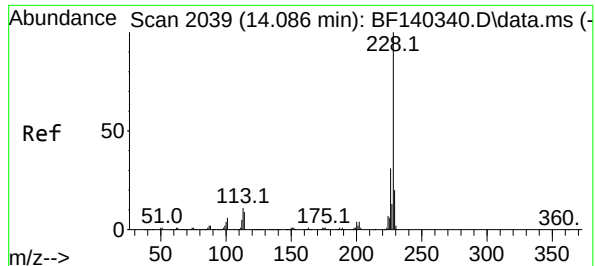


#82
3,3'-Dichlorobenzidine
Concen: 10.309 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53



Tgt Ion:252 Resp: 98211
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 11.3 9.4 14.0





#83

Chrysene

Concen: 10.343 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:228 Resp: 28286

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

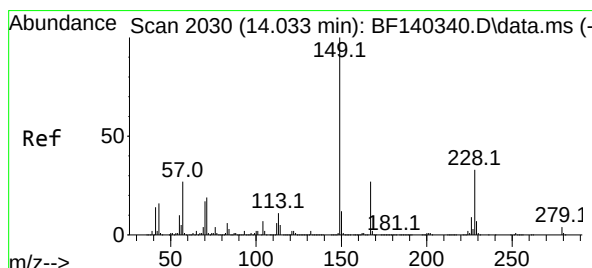
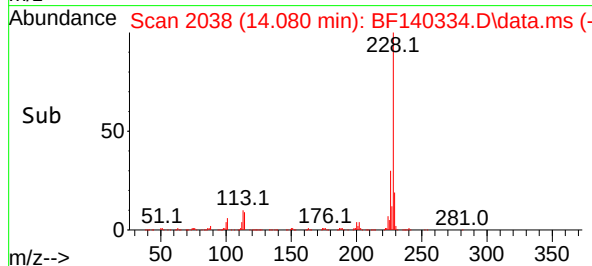
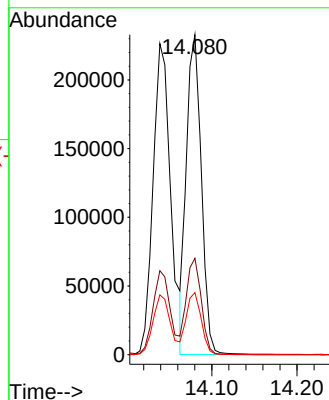
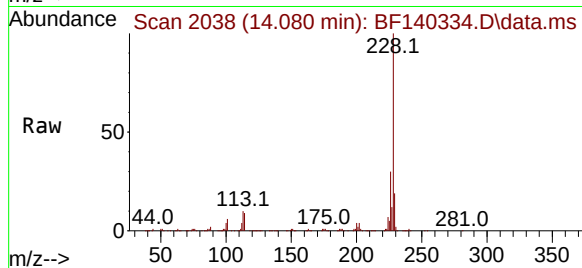
229 19.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.147 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

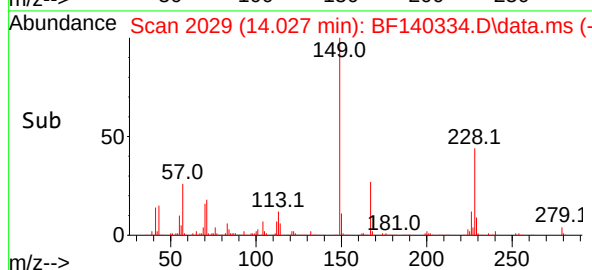
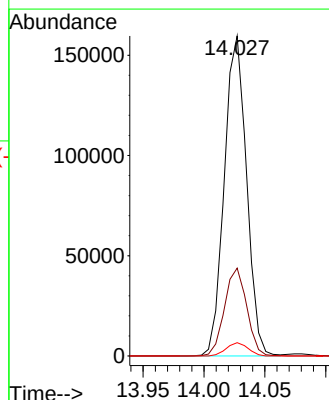
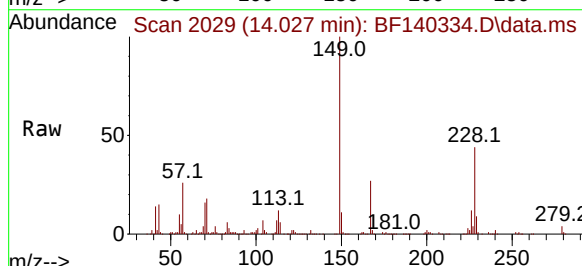
Tgt Ion:149 Resp: 202970

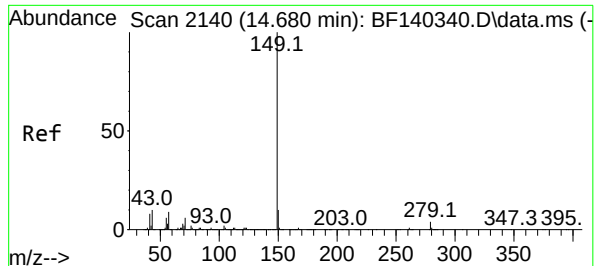
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

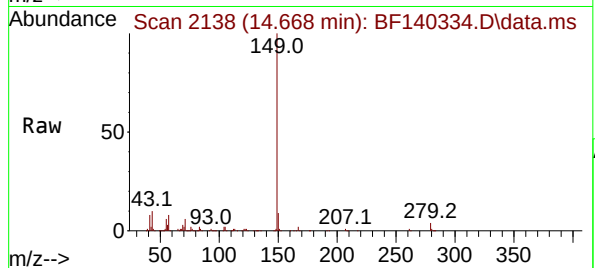
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 9.847 ng
RT: 14.668 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

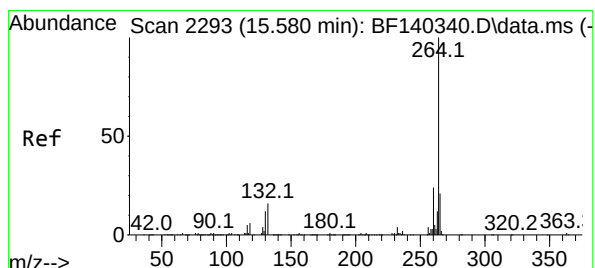
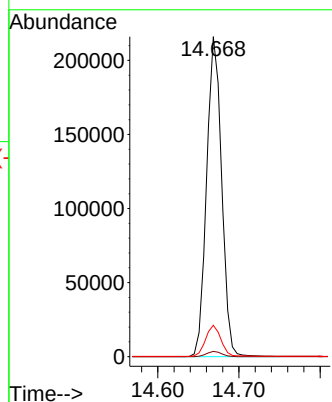
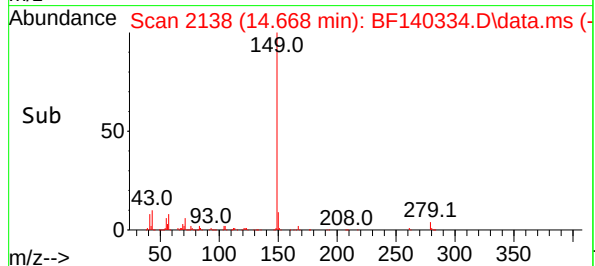
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



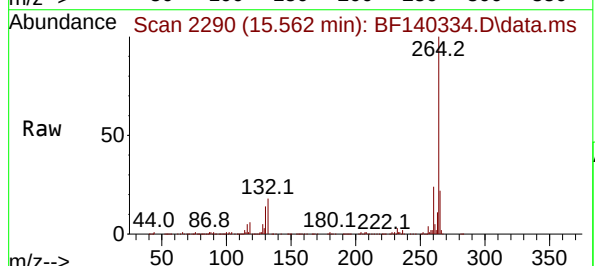
Tgt Ion:149 Resp: 277395
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.9 8.0 12.0

Manual Integrations
APPROVED

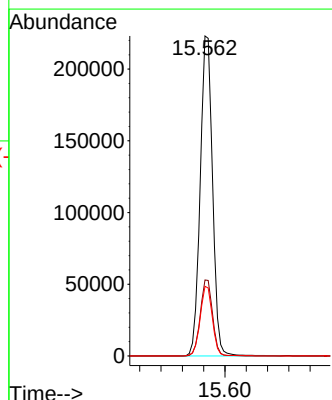
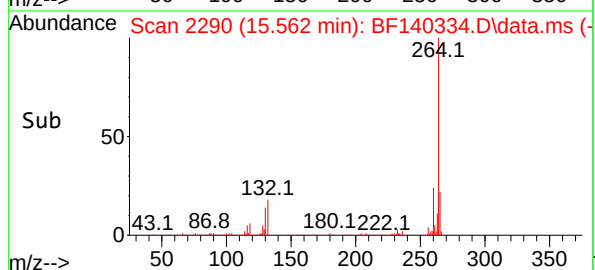
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

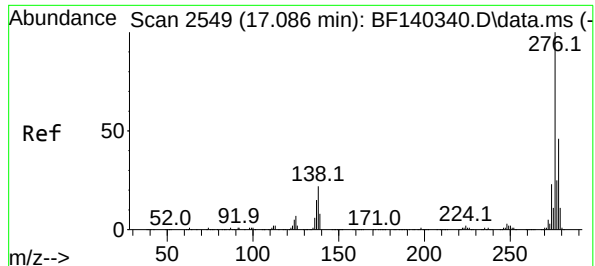


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53



Tgt Ion:264 Resp: 358045
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.305 ng

RT: 17.062 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:276 Resp: 20580

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

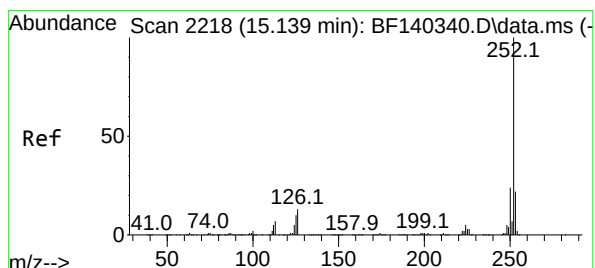
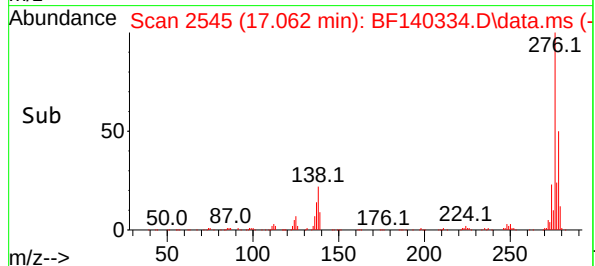
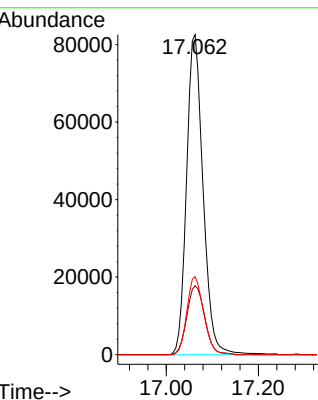
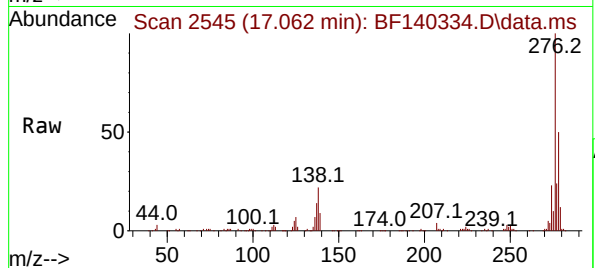
277 24.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#88

Benzo(b)fluoranthene

Concen: 10.331 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

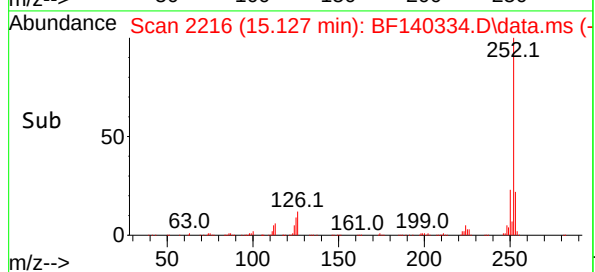
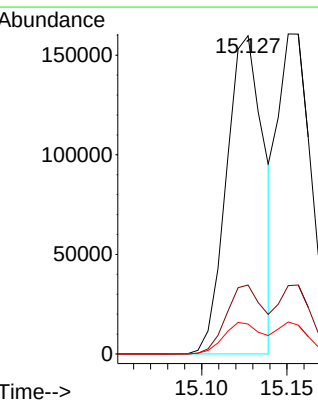
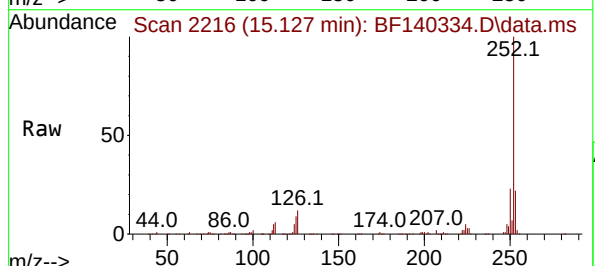
Tgt Ion:252 Resp: 241957

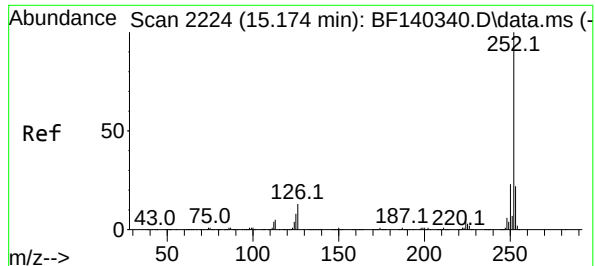
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 11.607 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

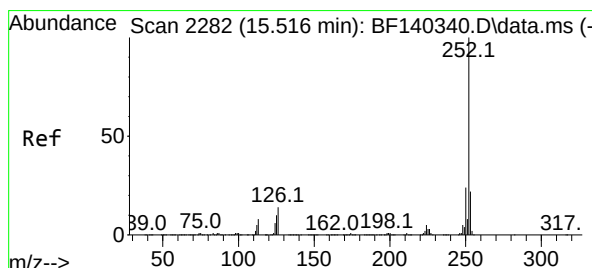
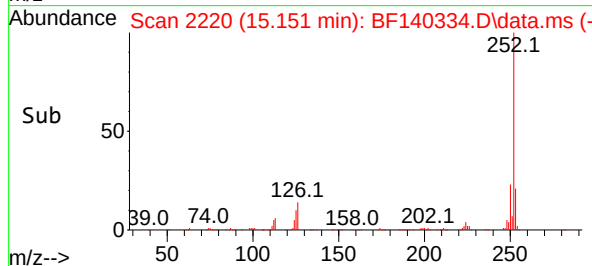
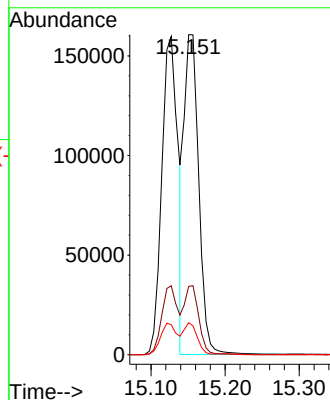
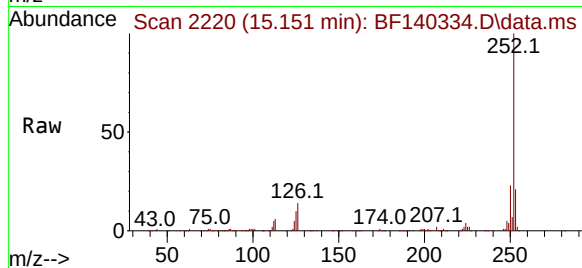
Tgt Ion:252	Resp: 22208
Ion Ratio	Lower Upper
252	100
253	21.4 17.3 25.9
125	10.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#90

Benzo(a)pyrene

Concen: 10.366 ng

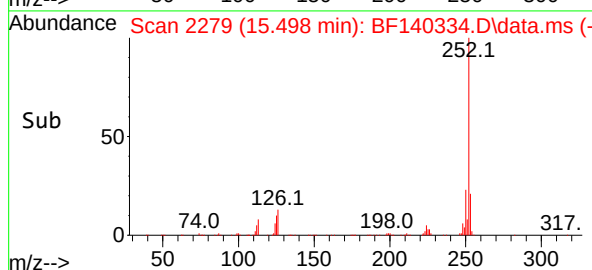
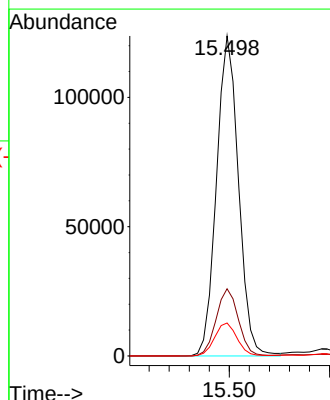
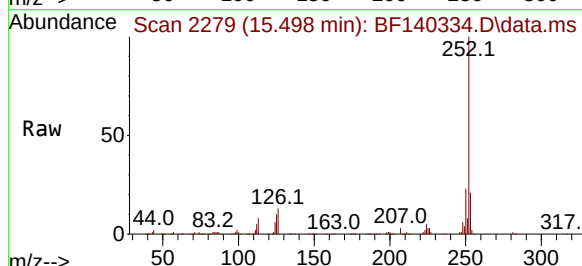
RT: 15.498 min Scan# 2279

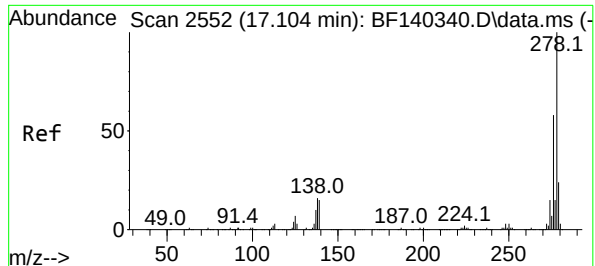
Delta R.T. 0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:252	Resp: 188533
Ion Ratio	Lower Upper
252	100
253	21.0 17.8 26.6
125	10.3 8.4 12.6





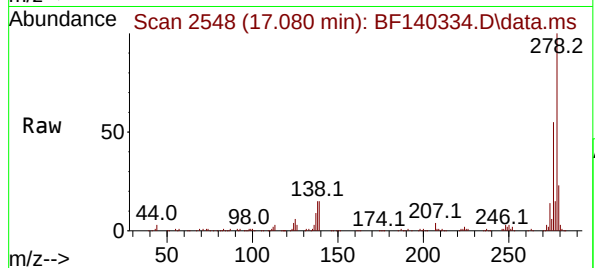
#91
Dibenzo(a,h)anthracene
Concen: 9.326 ng
RT: 17.080 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

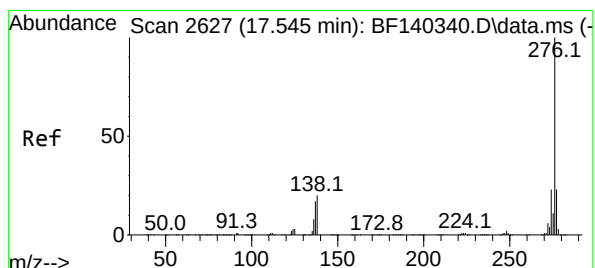
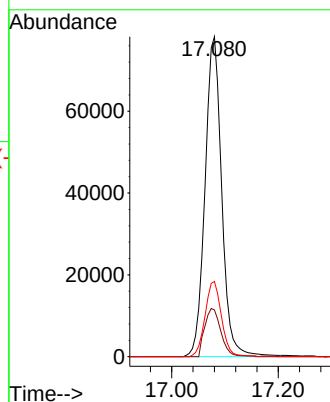
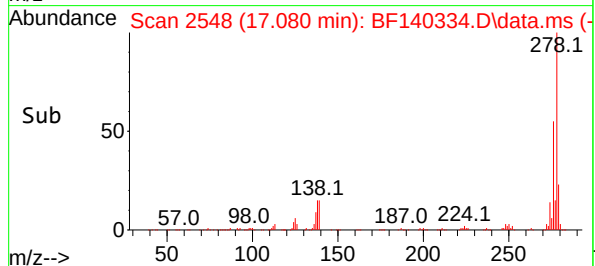


Tgt Ion: 278 Resp: 170490
Ion Ratio Lower Upper
278 100
139 14.6 11.8 17.8
279 23.5 18.9 28.3

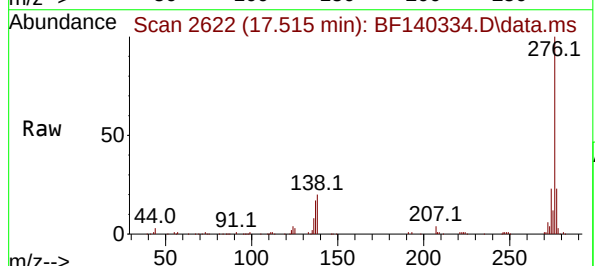
Manual Integrations

APPROVED

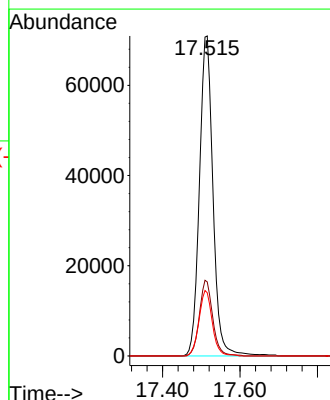
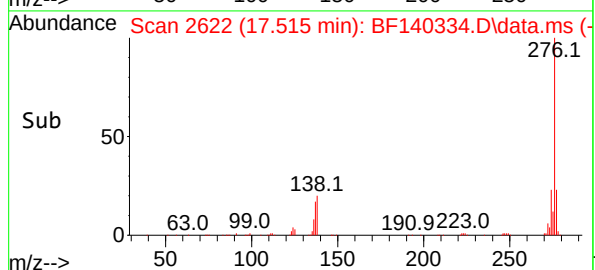
Reviewed By : Yogesh Patel 11/14/2024
Supervised By : mohammad ahmed 11/14/2024



#92
Benzo(g,h,i)perylene
Concen: 9.221 ng
RT: 17.515 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53



Tgt Ion: 276 Resp: 172345
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 19.7 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140335.D
Acq On : 13 Nov 2024 10:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 13 14:24:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	149945	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	574759	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	321015	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	615627	20.000	ng	0.00
76) Chrysene-d12	14.068	240	437725	20.000	ng	0.02
86) Perylene-d12	15.592	264	335998	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	366621	41.746	ng	0.00
7) Phenol-d6	6.498	99	492662	41.406	ng	0.00
23) Nitrobenzene-d5	7.434	82	458389	41.554	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	132693	41.567	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	867449	43.439	ng	0.00
79) Terphenyl-d14	12.986	244	969963	38.464	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.634	88	79493	20.309	ng	99
3) Pyridine	3.399	79	198352	20.613	ng	98
4) n-Nitrosodimethylamine	3.340	42	97556	20.059	ng	100
6) Aniline	6.540	93	224200	21.661	ng	96
8) 2-Chlorophenol	6.657	128	199701	21.169	ng	100
9) Benzaldehyde	6.428	77	152483	21.383	ng	99
10) Phenol	6.510	94	261330	20.827	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	195860	20.601	ng	100
12) 1,3-Dichlorobenzene	6.816	146	218012	20.945	ng	99
13) 1,4-Dichlorobenzene	6.892	146	222816	21.112	ng	100
14) 1,2-Dichlorobenzene	7.045	146	209619	21.394	ng	99
15) Benzyl Alcohol	7.010	79	179832	20.978	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	272081	20.718	ng	99
17) 2-Methylphenol	7.122	107	160794	20.720	ng	99
18) Hexachloroethane	7.387	117	82445	21.130	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	147880	20.578	ng	99
20) 3+4-Methylphenols	7.275	107	203732	20.992	ng	97
22) Acetophenone	7.281	105	276331	20.672	ng	98
24) Nitrobenzene	7.457	77	233182	20.302	ng	99
25) Isophorone	7.692	82	397520	20.333	ng	100
26) 2-Nitrophenol	7.769	139	104117	20.428	ng	97
27) 2,4-Dimethylphenol	7.804	122	133218	20.416	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	246864	20.593	ng	100
29) 2,4-Dichlorophenol	8.010	162	165159	20.480	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	187022	20.831	ng	98
31) Naphthalene	8.181	128	611395	20.969	ng	100
32) Benzoic acid	7.898	122	103495	18.055	ng	98
33) 4-Chloroaniline	8.222	127	212489	20.956	ng	99
34) Hexachlorobutadiene	8.292	225	120624	21.087	ng	100
35) Caprolactam	8.575	113	54033	19.929	ng	100
36) 4-Chloro-3-methylphenol	8.698	107	183923	20.581	ng	99
37) 2-Methylnaphthalene	8.869	142	392634	21.001	ng	100
38) 1-Methylnaphthalene	8.969	142	386754	21.125	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	187279	21.097	ng	99
41) Hexachlorocyclopentadiene	9.022	237	45811	20.099	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	120063	20.609	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140335.D
 Acq On : 13 Nov 2024 10:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 13 14:24:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

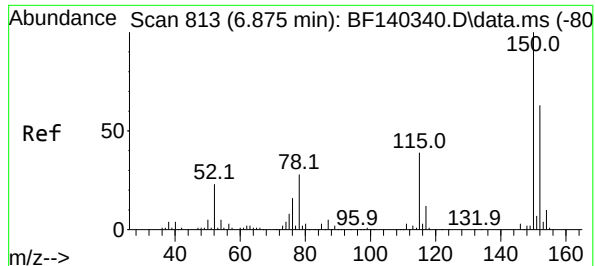
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	132413	20.789	ng	98
46) 1,1'-Biphenyl	9.333	154	502252	21.506	ng	99
47) 2-Chloronaphthalene	9.357	162	368985	20.741	ng	99
48) 2-Nitroaniline	9.451	65	123220	20.885	ng	98
49) Acenaphthylene	9.775	152	573335	21.301	ng	99
50) Dimethylphthalate	9.628	163	440050	21.031	ng	100
51) 2,6-Dinitrotoluene	9.692	165	100599	21.089	ng	99
52) Acenaphthene	9.945	154	382783	21.056	ng	100
53) 3-Nitroaniline	9.863	138	107540	21.467	ng	99
54) 2,4-Dinitrophenol	9.969	184	47413	19.274	ng	96
55) Dibenzofuran	10.116	168	550502	21.391	ng	99
56) 4-Nitrophenol	10.016	139	76711	20.993	ng	99
57) 2,4-Dinitrotoluene	10.098	165	133852	21.321	ng	96
58) Fluorene	10.463	166	438095	21.548	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	104638	20.824	ng	98
60) Diethylphthalate	10.328	149	448855	20.979	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	214868	21.407	ng	100
62) 4-Nitroaniline	10.475	138	105392	20.576	ng	99
63) Azobenzene	10.610	77	443044	20.957	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	69851	21.089	ng	99
66) n-Nitrosodiphenylamine	10.569	169	369633	20.780	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	128501	20.881	ng	97
68) Hexachlorobenzene	11.010	284	143099	20.667	ng	98
69) Atrazine	11.092	200	83124	15.446	ng	98
70) Pentachlorophenol	11.204	266	76218	20.435	ng	99
71) Phenanthrene	11.422	178	606738	20.980	ng	100
72) Anthracene	11.475	178	594950	20.991	ng	99
73) Carbazole	11.627	167	592904	21.186	ng	100
74) Di-n-butylphthalate	11.957	149	707973	21.077	ng	100
75) Fluoranthene	12.616	202	702671	21.657	ng	99
77) Benzidine	12.733	184	299422	17.823	ng	100
78) Pyrene	12.845	202	719319	19.212	ng	99
80) Butylbenzylphthalate	13.463	149	286162	19.895	ng	98
81) Benzo(a)anthracene	14.051	228	591480	20.560	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	189466	20.720	ng	99
83) Chrysene	14.092	228	540430	20.589	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	392830	20.462	ng	99
85) Di-n-octyl phthalate	14.692	149	556097	20.567	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	382218	18.415	ng	99
88) Benzo(b)fluoranthene	15.151	252	494335	22.491	ng	99
89) Benzo(k)fluoranthene	15.180	252	376428	20.964	ng	99
90) Benzo(a)pyrene	15.527	252	354286	20.757	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	317133	18.485	ng	99
92) Benzo(g,h,i)perylene	17.545	276	320648	18.281	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

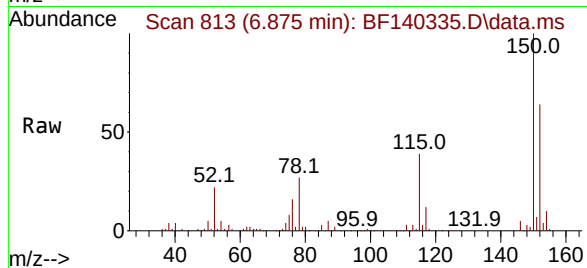
- 1
- 2
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- 8
- 9
- 10
- 11**
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- 14
- 15
- 16
- 17



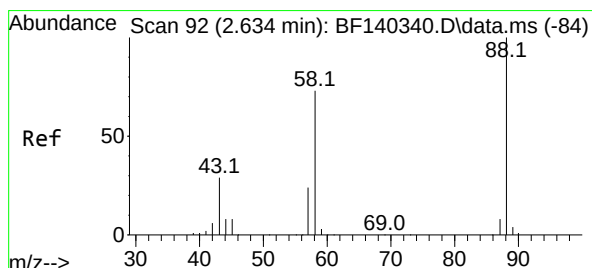
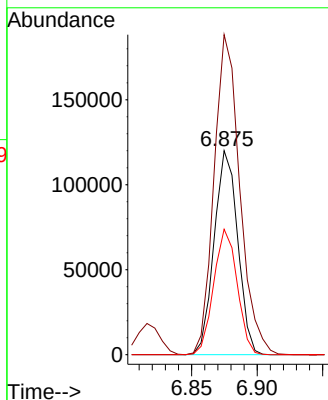
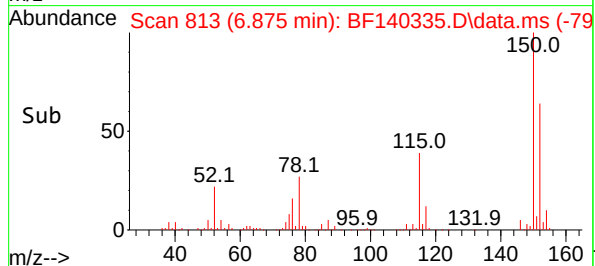


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

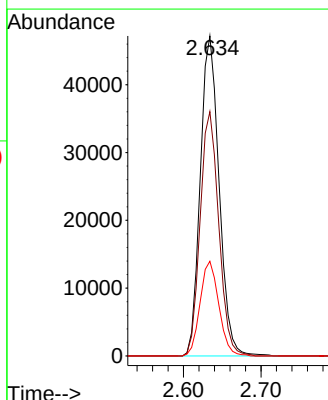
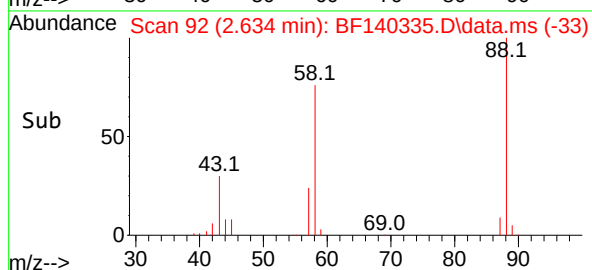
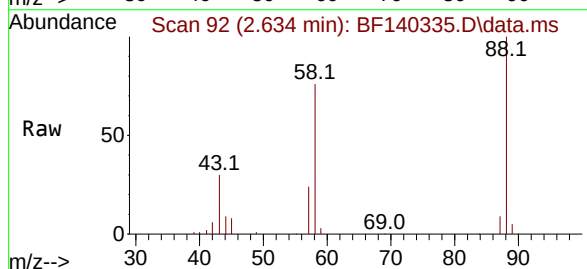


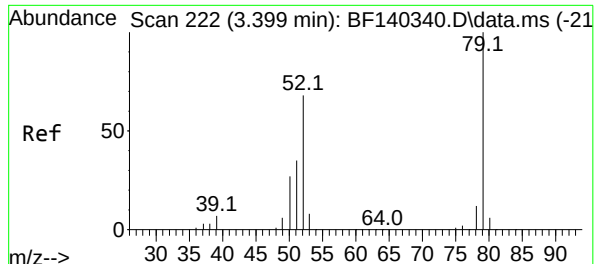
Tgt Ion:152 Resp: 149945
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 61.5 47.4 71.2



#2
1,4-Dioxane
Concen: 20.309 ng
RT: 2.634 min Scan# 92
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion: 88 Resp: 79493
Ion Ratio Lower Upper
88 100
58 75.4 59.5 89.3
43 29.5 23.4 35.2





#3

Pyridine

Concen: 20.613 ng

RT: 3.399 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

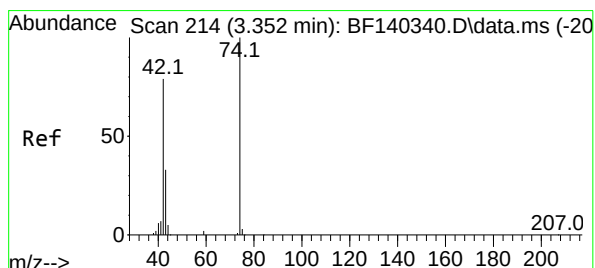
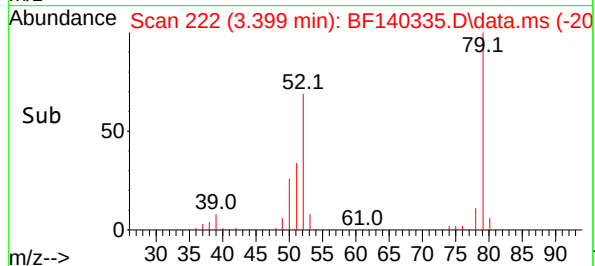
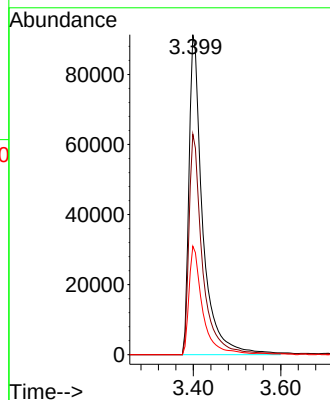
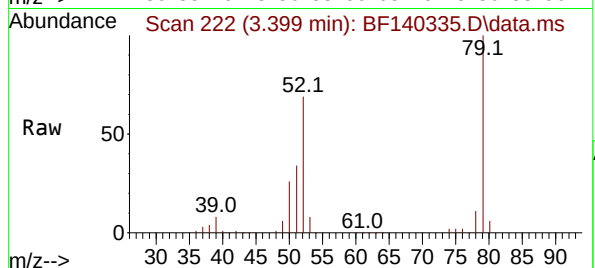
Tgt Ion: 79 Resp: 198352

Ion Ratio Lower Upper

79 100

52 68.9 53.8 80.6

51 33.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 20.059 ng

RT: 3.340 min Scan# 212

Delta R.T. -0.018 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

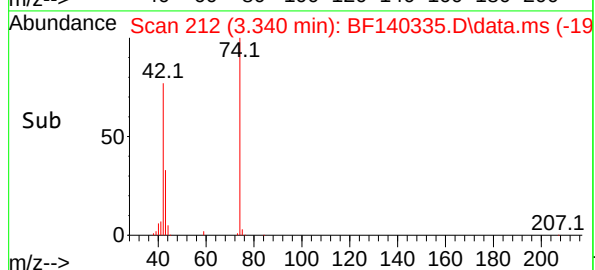
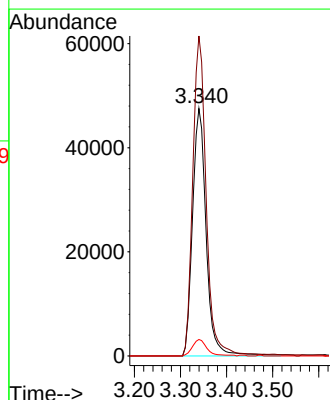
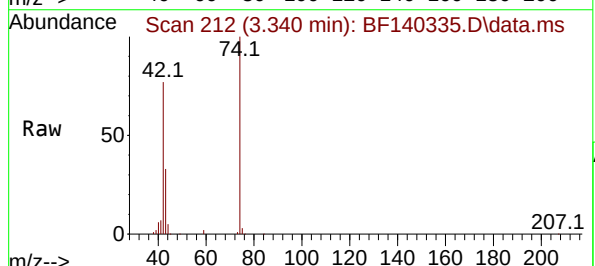
Tgt Ion: 42 Resp: 97556

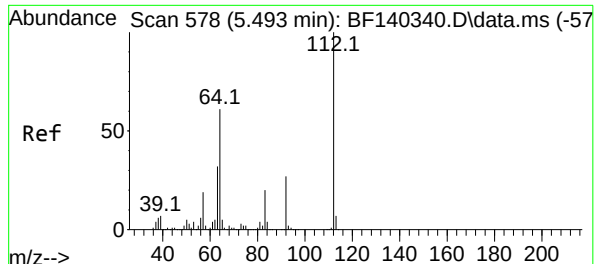
Ion Ratio Lower Upper

42 100

74 129.3 103.5 155.3

44 6.7 5.1 7.7

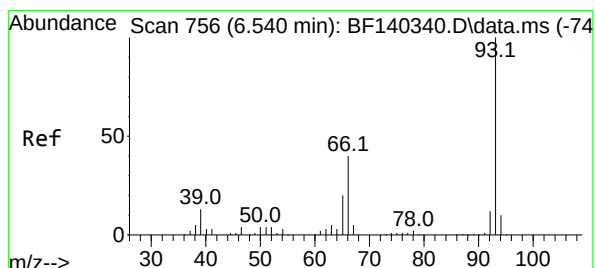
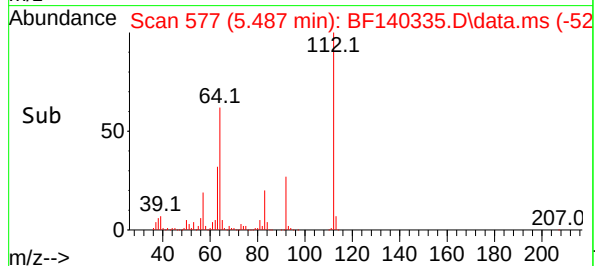
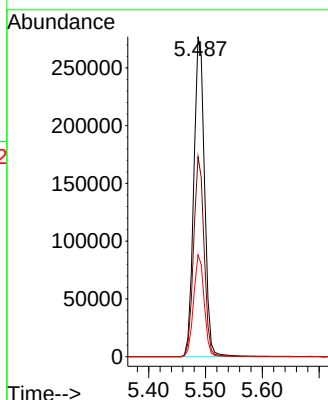
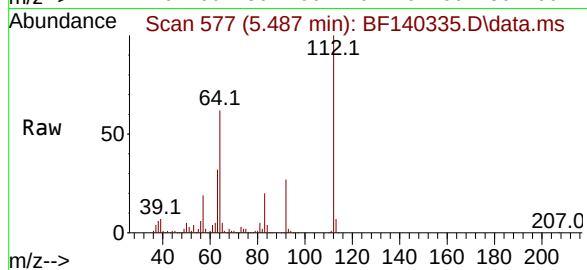




#5
2-Fluorophenol
Concen: 41.746 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

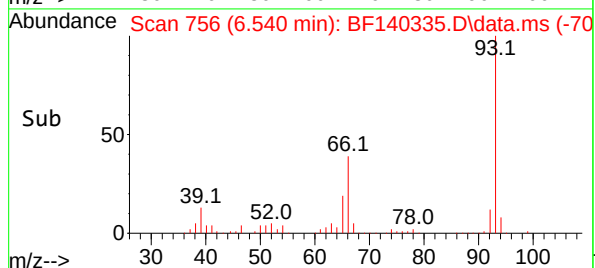
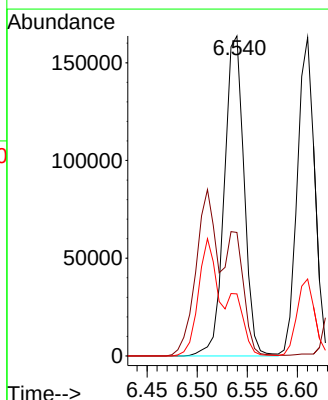
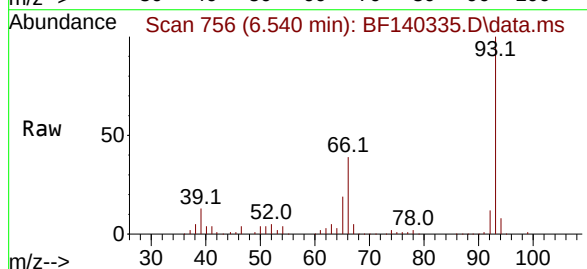
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

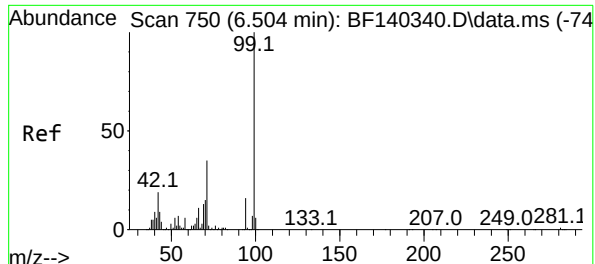
Tgt Ion:112 Resp: 366621
Ion Ratio Lower Upper
112 100
64 62.5 49.2 73.8
63 31.9 25.6 38.4



#6
Aniline
Concen: 21.661 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion: 93 Resp: 224200
Ion Ratio Lower Upper
93 100
66 38.6 32.8 49.2
65 19.4 16.6 25.0

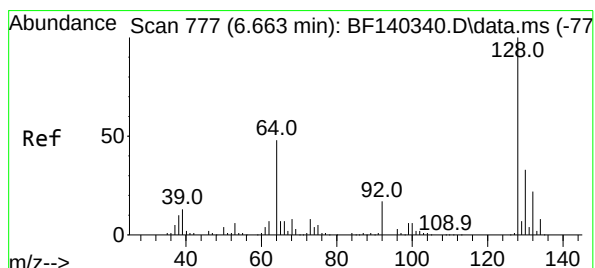
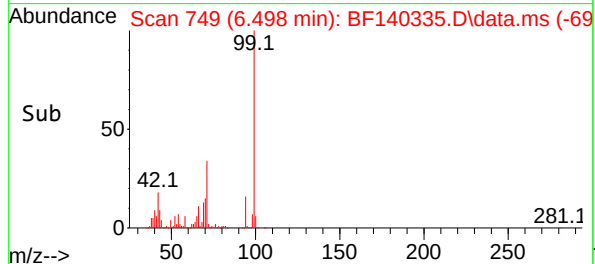
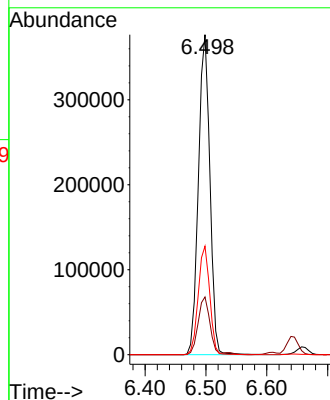
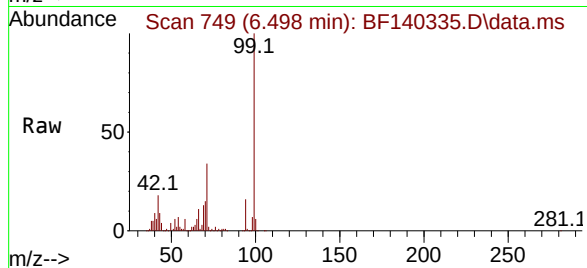




#7
Phenol-d6
Concen: 41.406 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

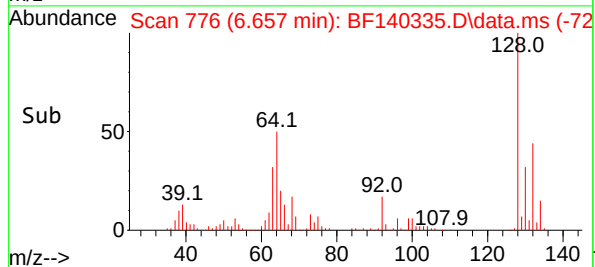
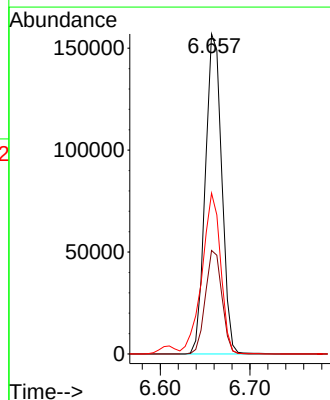
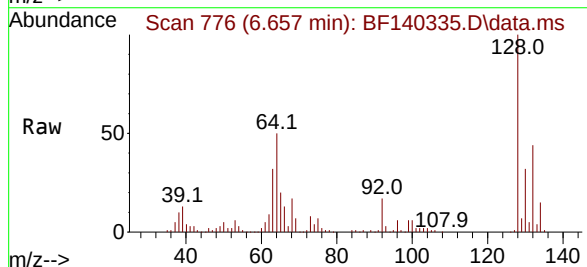
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

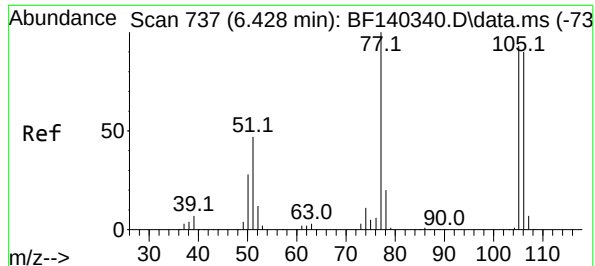
Tgt Ion: 99 Resp: 492662
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 33.9 27.9 41.9



#8
2-Chlorophenol
Concen: 21.169 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion: 128 Resp: 199701
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 50.2 30.2 70.2





#9

Benzaldehyde

Concen: 21.383 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

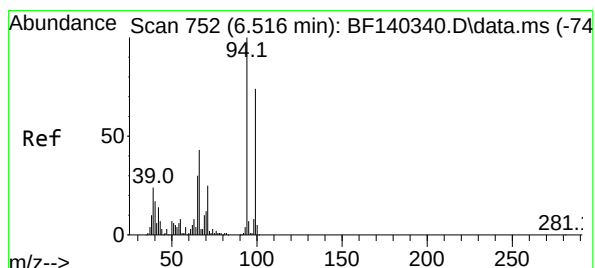
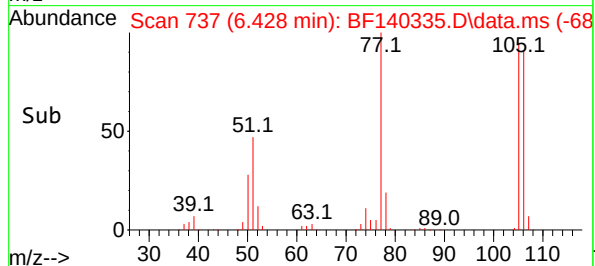
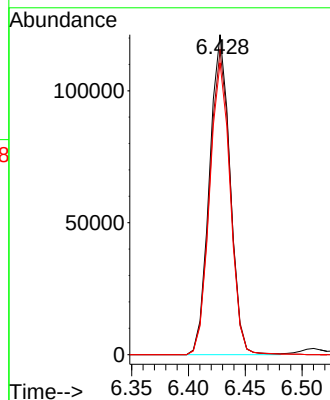
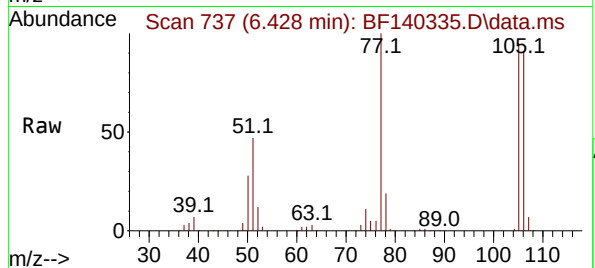
Tgt Ion: 77 Resp: 152483

Ion Ratio Lower Upper

77 100

105 95.0 74.4 114.4

106 91.2 69.9 109.9



#10

Phenol

Concen: 20.827 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

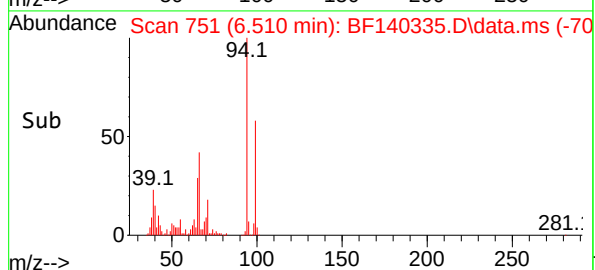
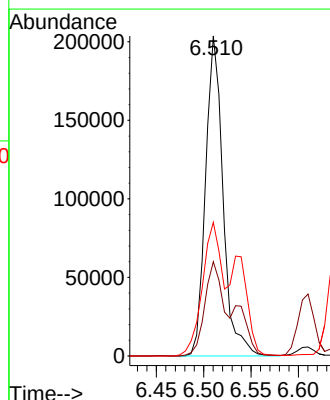
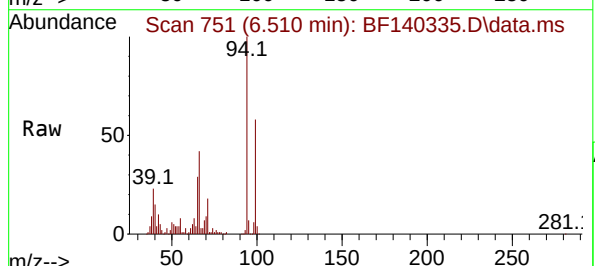
Tgt Ion: 94 Resp: 261330

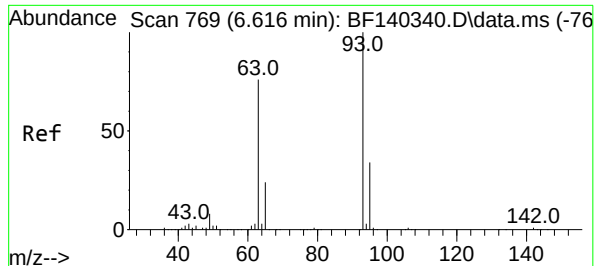
Ion Ratio Lower Upper

94 100

65 29.4 10.4 50.4

66 41.8 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 20.601 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

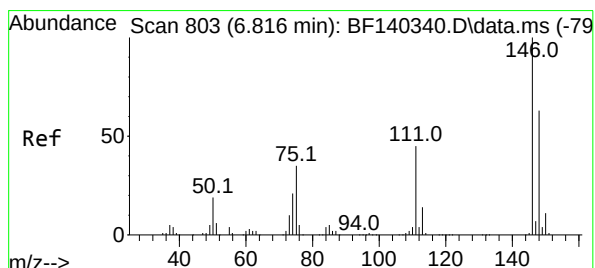
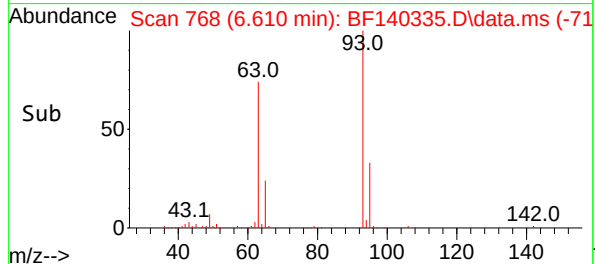
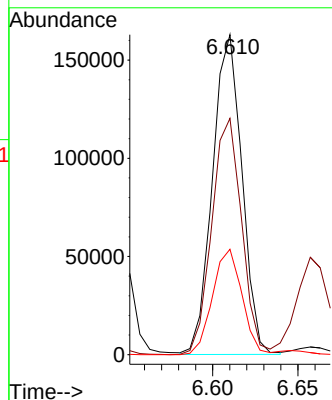
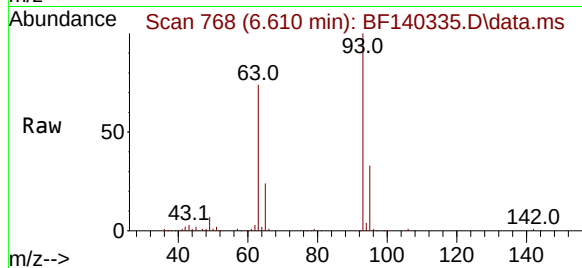
Tgt Ion: 93 Resp: 195860

Ion Ratio Lower Upper

93 100

63 73.8 54.0 94.0

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 20.945 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

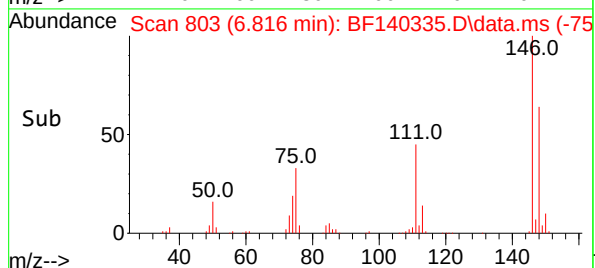
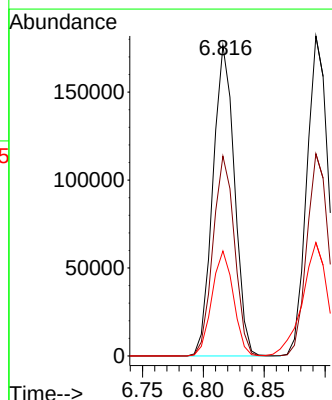
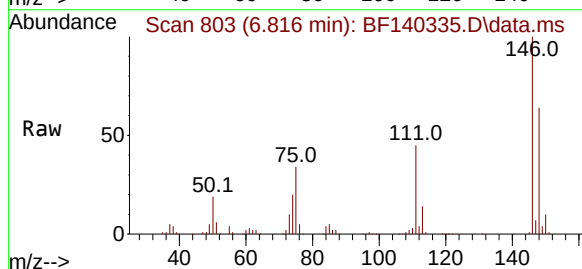
Tgt Ion: 146 Resp: 218012

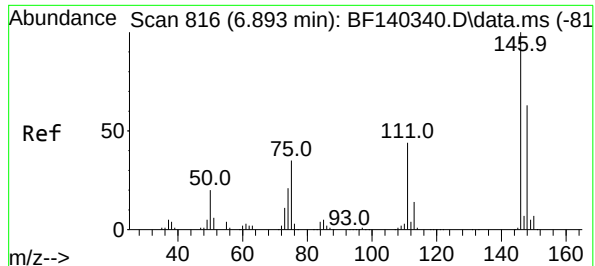
Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

75 33.8 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 21.112 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

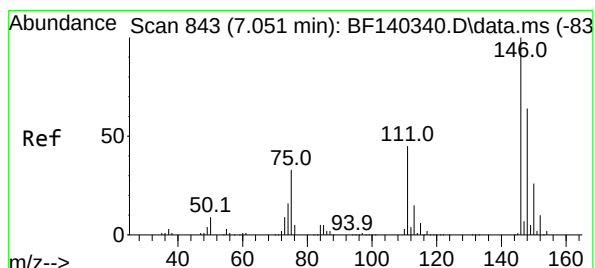
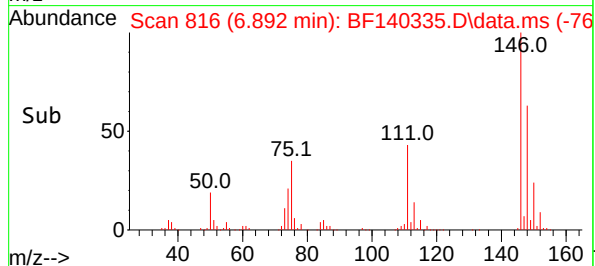
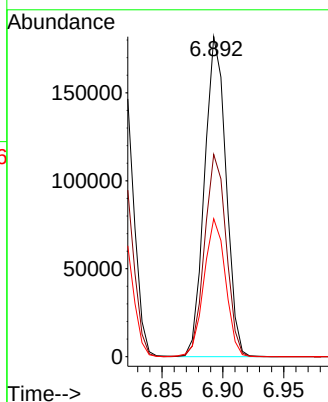
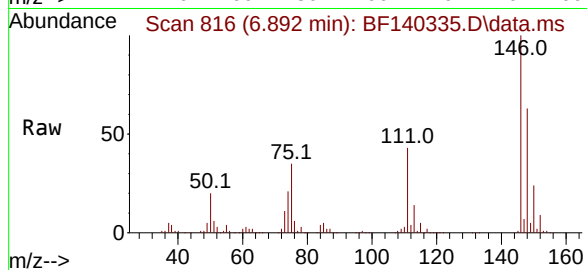
Tgt Ion:146 Resp: 222816

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

111 43.1 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 21.394 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

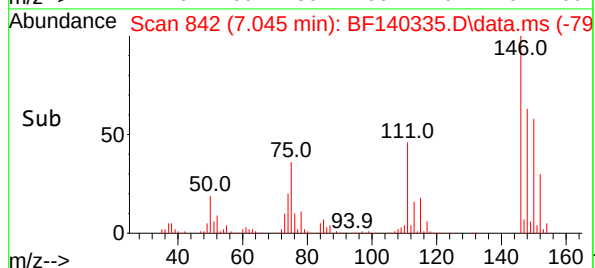
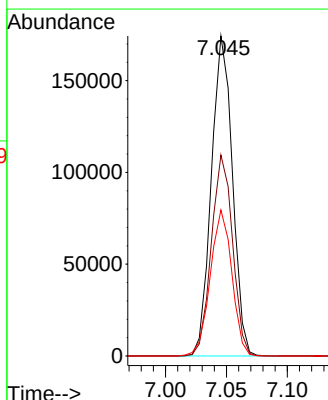
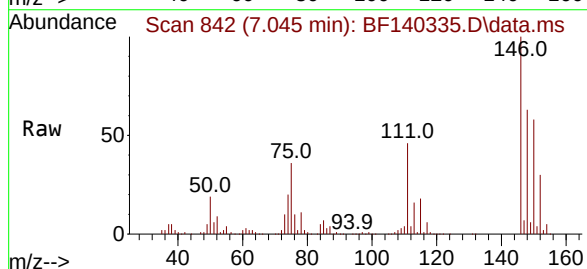
Tgt Ion:146 Resp: 209619

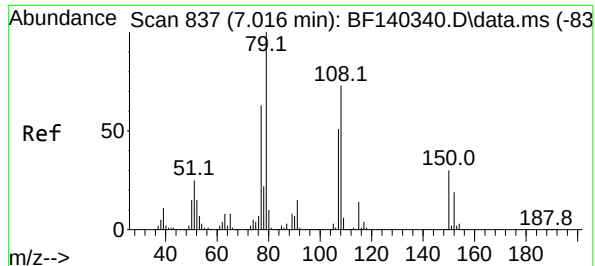
Ion Ratio Lower Upper

146 100

148 62.8 51.2 76.8

111 45.6 36.5 54.7

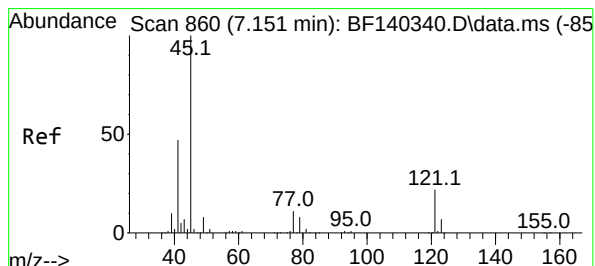
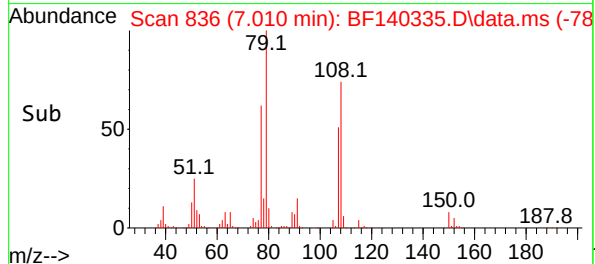
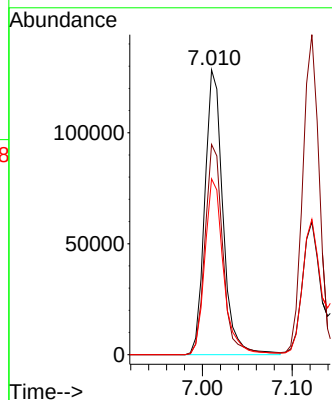
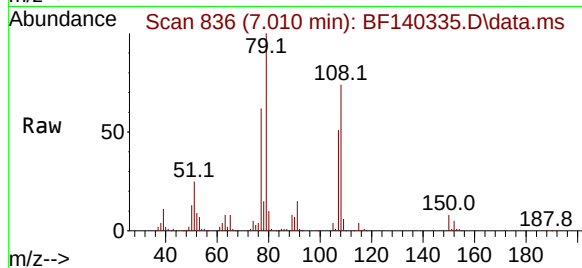




#15
Benzyl Alcohol
Concen: 20.978 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

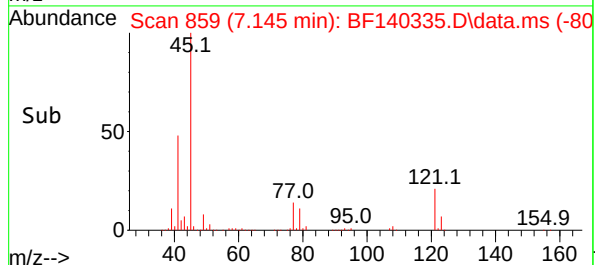
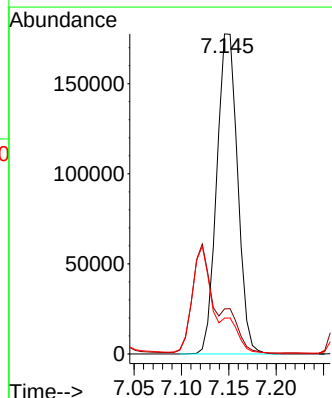
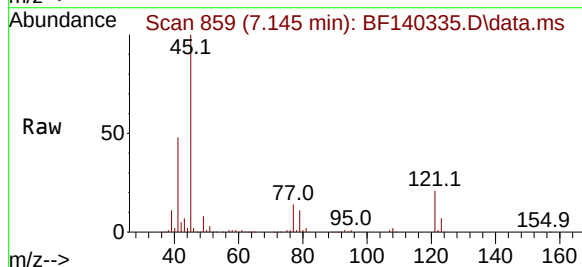
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

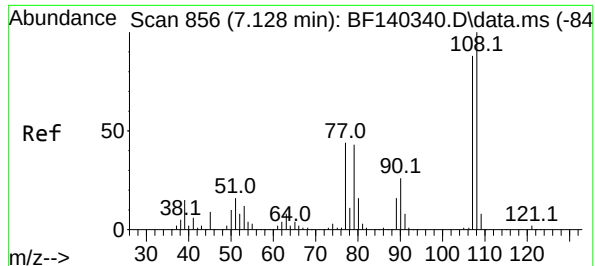
Tgt Ion: 79 Resp: 179832
Ion Ratio Lower Upper
79 100
108 73.8 57.8 86.6
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 20.718 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion: 45 Resp: 272081
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.8
79 11.2 0.0 31.4



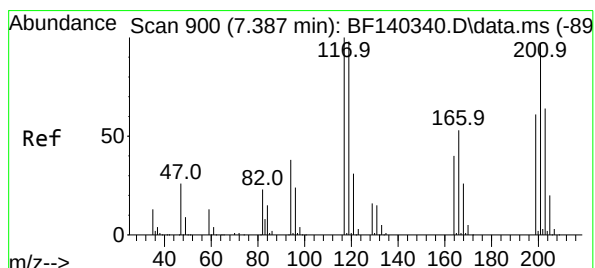
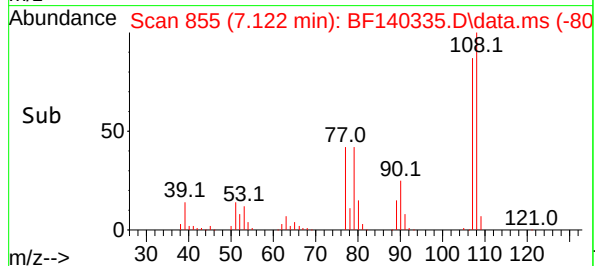
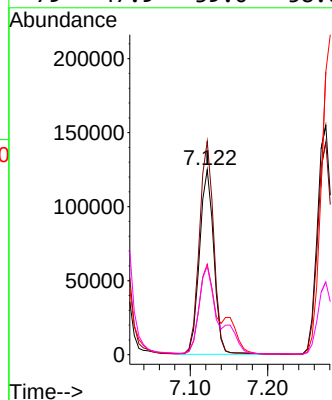
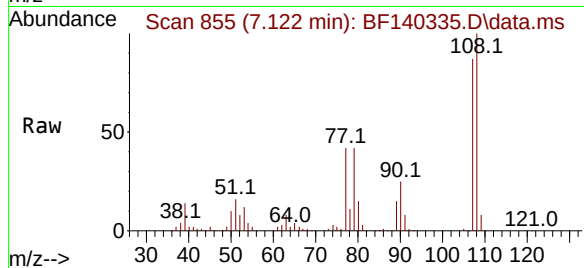


#17
2-Methylphenol
Concen: 20.720 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 160794

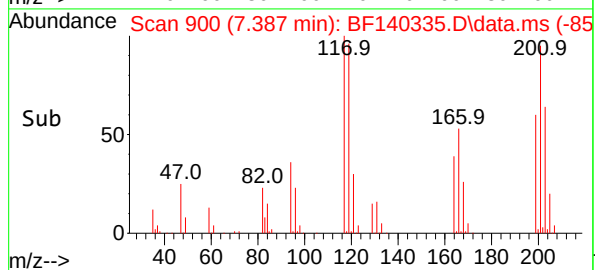
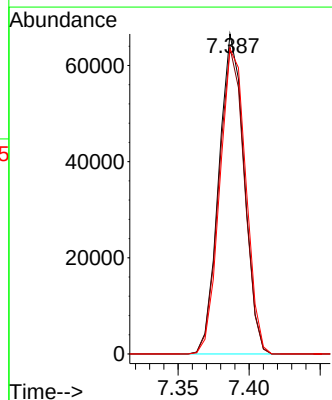
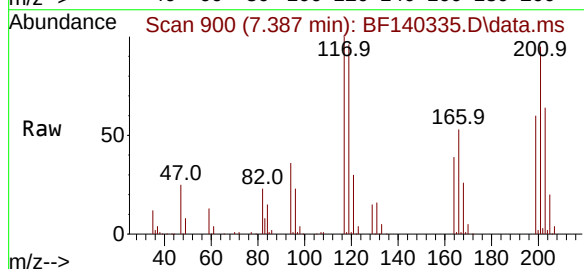
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.9	137.9
77	48.8	39.7	59.5
79	47.9	39.0	58.6

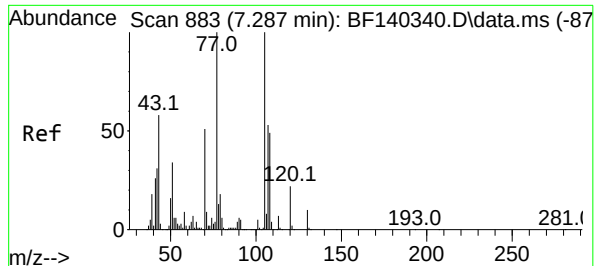


#18
Hexachloroethane
Concen: 21.130 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:117 Resp: 82445

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	95.3	80.2	120.4



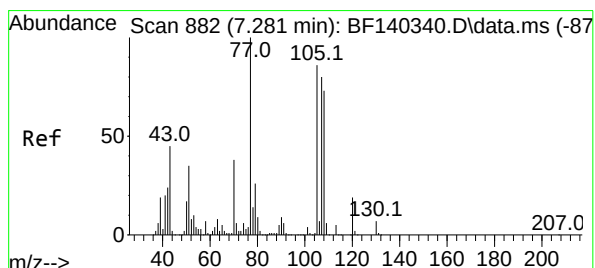
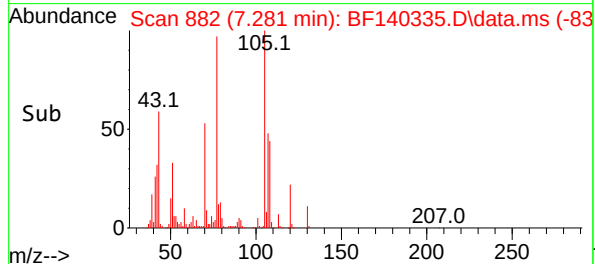
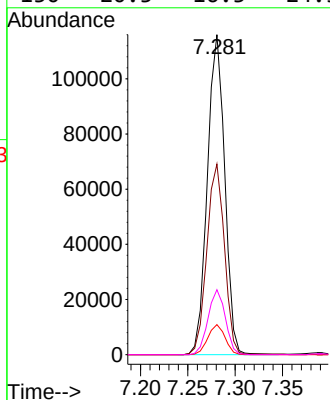
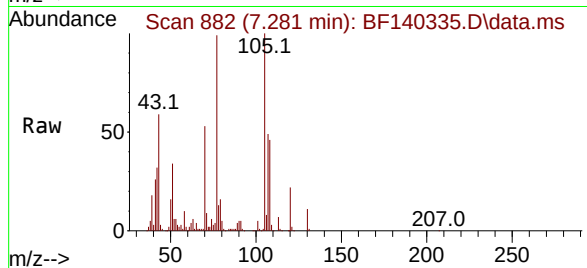


#19
n-Nitroso-di-n-propylamine
Concen: 20.578 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 147880

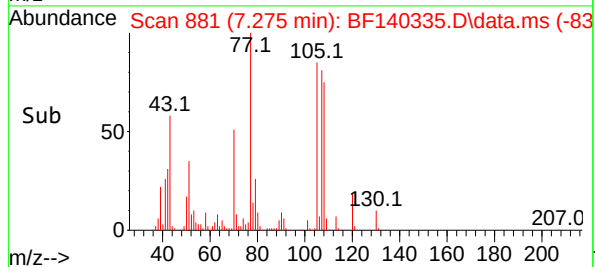
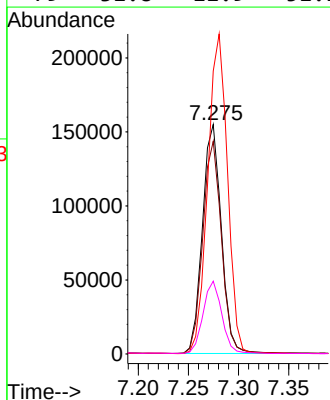
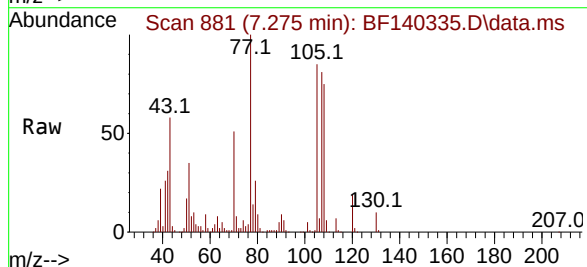
Ion	Ratio	Lower	Upper
70	100		
42	59.5	46.8	70.2
101	9.4	7.5	11.3
130	20.3	16.3	24.5

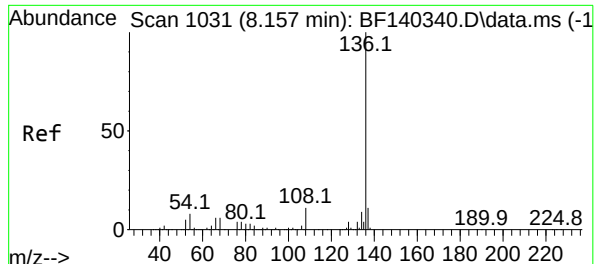


#20
3+4-Methylphenols
Concen: 20.992 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion: 107 Resp: 203732

Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.4	111.4
77	123.3	97.0	137.0
79	31.8	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 574759

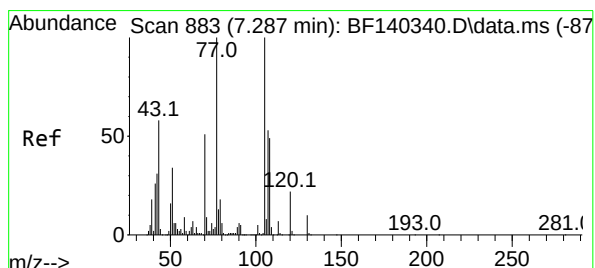
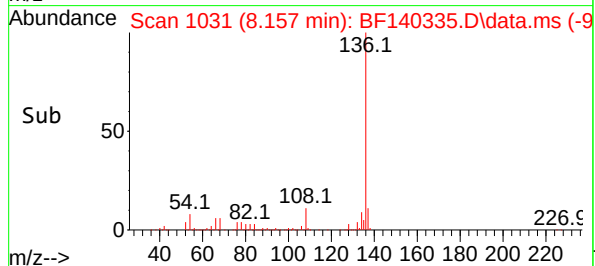
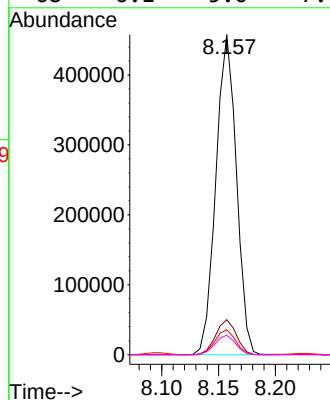
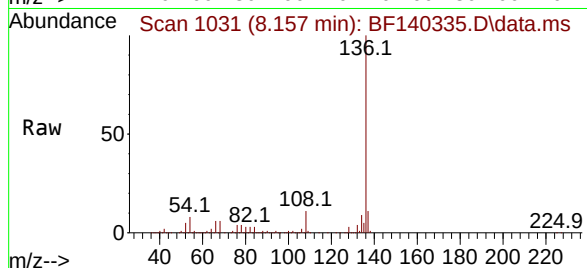
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.8 6.5 9.7

68 6.1 5.0 7.6



#22

Acetophenone

Concen: 20.672 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Tgt Ion:105 Resp: 276331

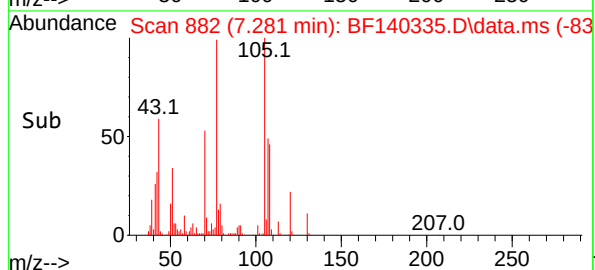
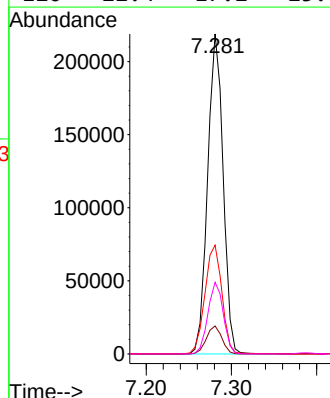
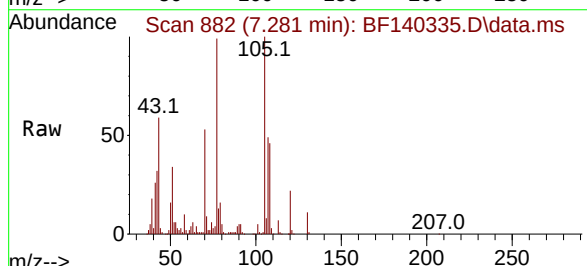
Ion Ratio Lower Upper

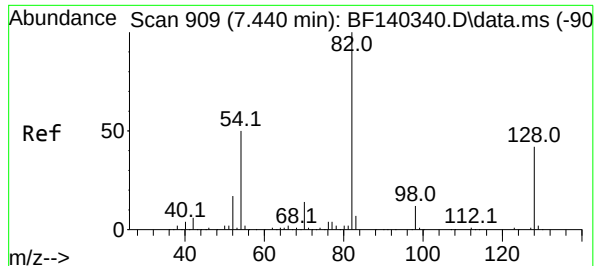
105 100

71 8.8 6.9 10.3

51 34.0 28.6 43.0

120 22.4 17.2 25.8





#23

Nitrobenzene-d5

Concen: 41.554 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

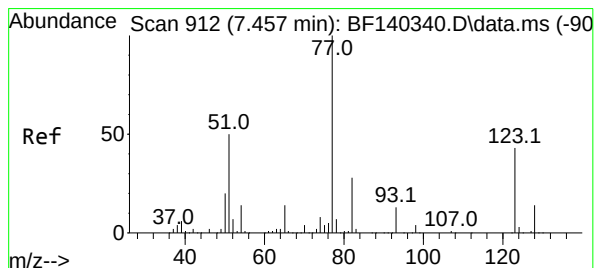
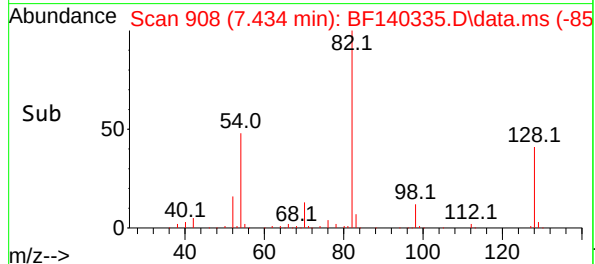
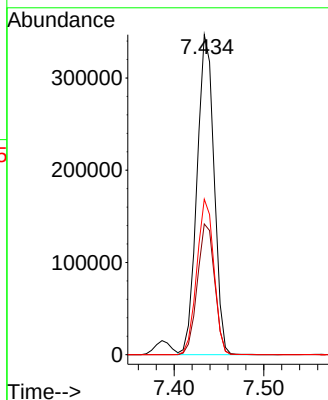
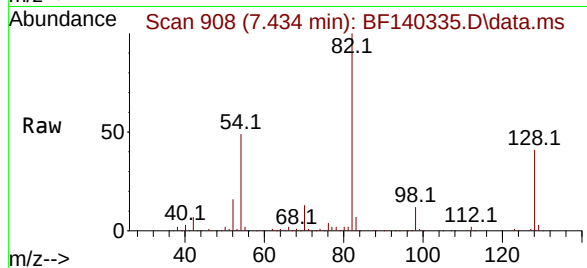
Tgt Ion: 82 Resp: 458389

Ion Ratio Lower Upper

82 100

128 40.9 33.3 49.9

54 48.6 39.8 59.8



#24

Nitrobenzene

Concen: 20.302 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

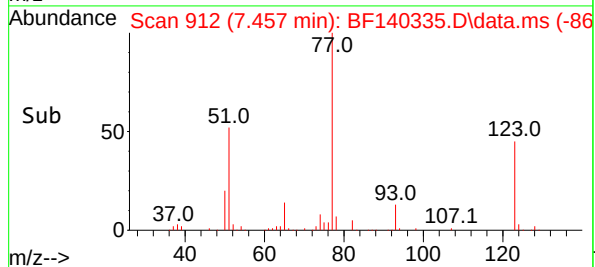
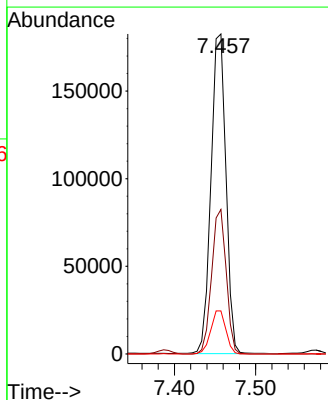
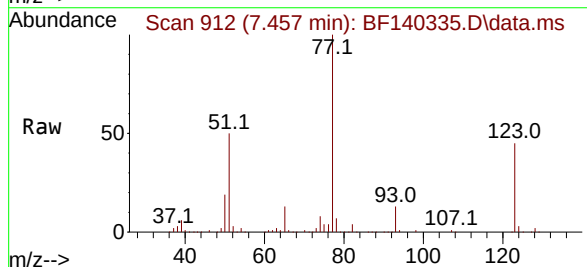
Tgt Ion: 77 Resp: 233182

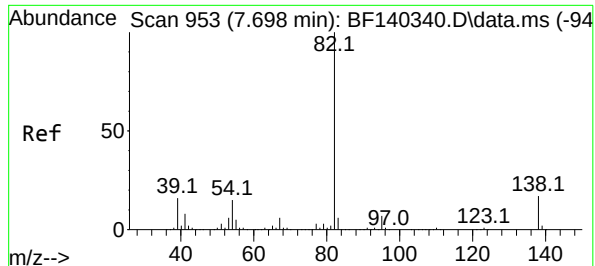
Ion Ratio Lower Upper

77 100

123 45.1 35.4 53.0

65 13.4 11.1 16.7





#25

Isophorone

Concen: 20.333 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

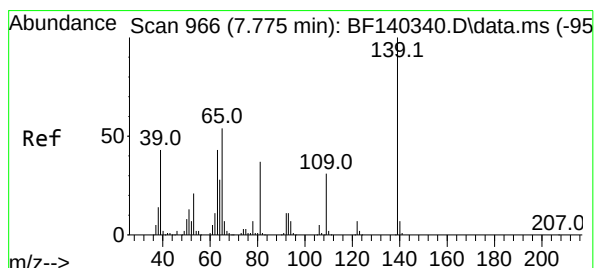
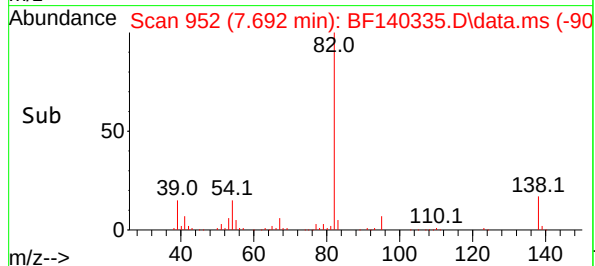
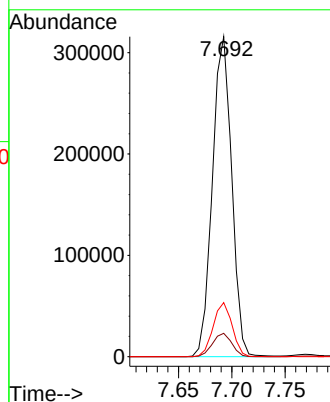
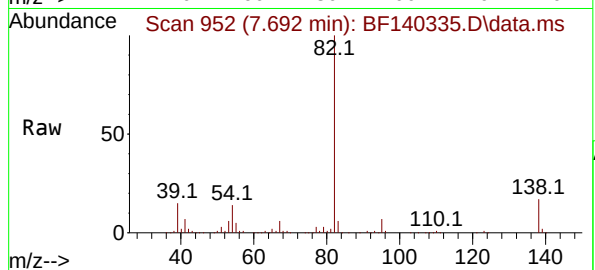
Tgt Ion: 82 Resp: 397520

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 16.9 13.4 20.2



#26

2-Nitrophenol

Concen: 20.428 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

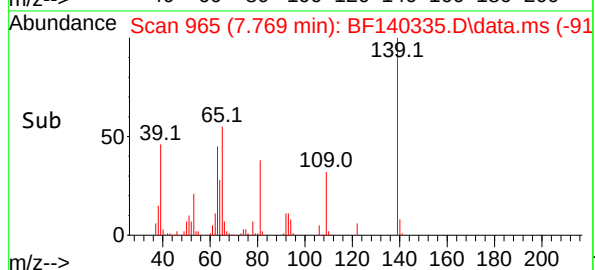
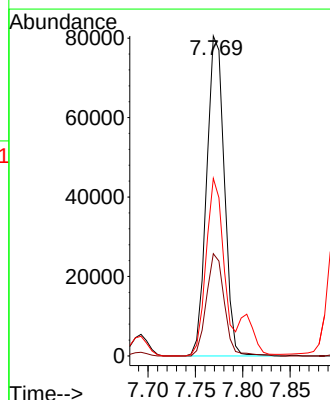
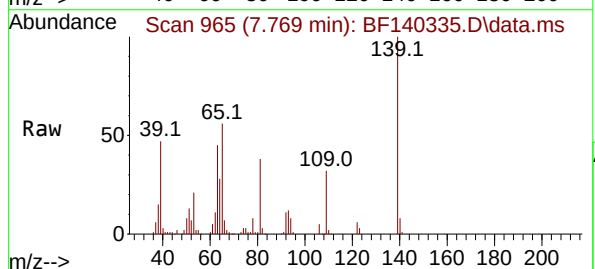
Tgt Ion: 139 Resp: 104117

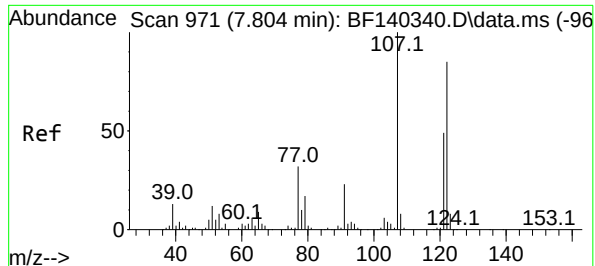
Ion Ratio Lower Upper

139 100

109 31.9 24.4 36.6

65 55.5 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 20.416 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

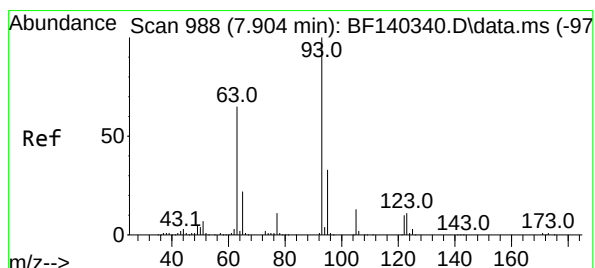
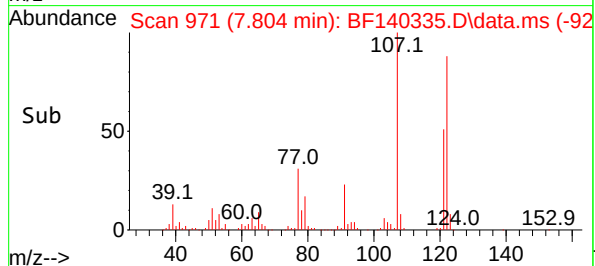
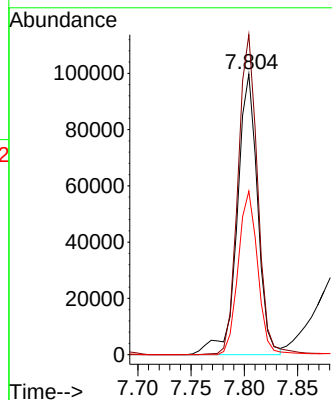
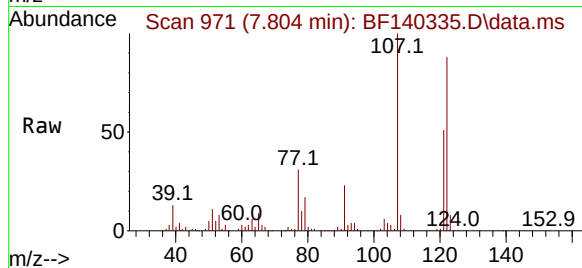
Tgt Ion:122 Resp: 133218

Ion Ratio Lower Upper

122 100

107 114.0 91.3 136.9

121 58.2 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 20.593 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

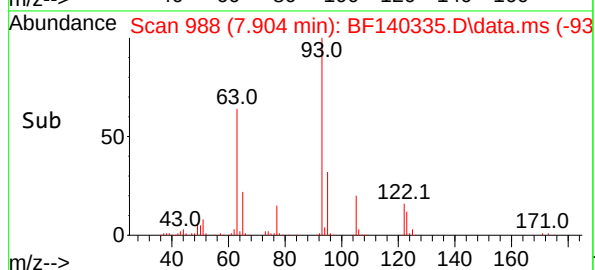
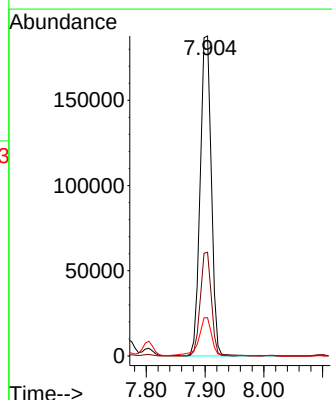
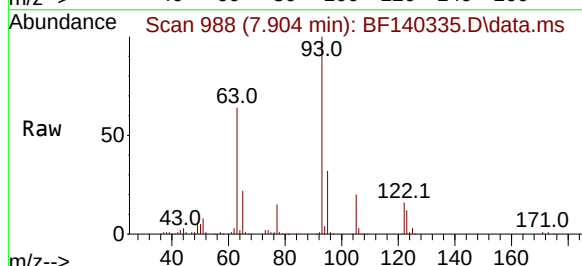
Tgt Ion: 93 Resp: 246864

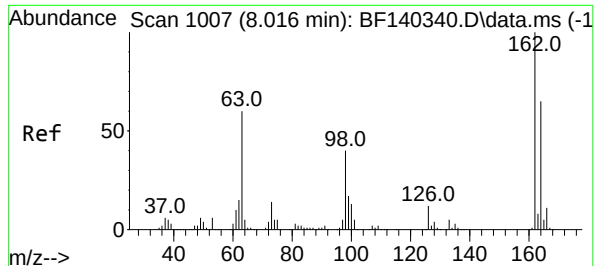
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 20.480 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

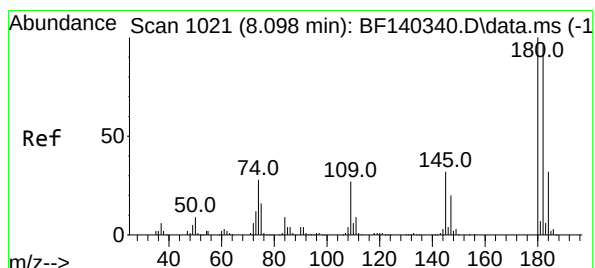
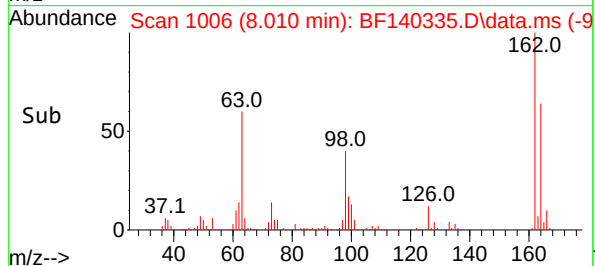
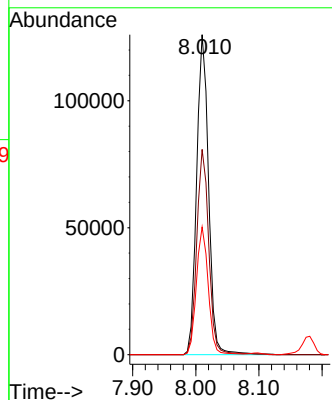
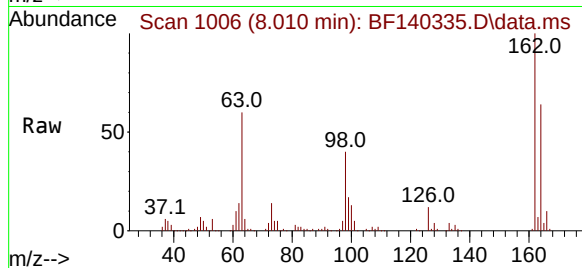
Tgt Ion:162 Resp: 165159

Ion Ratio Lower Upper

162 100

164 64.1 45.4 85.4

98 39.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 20.831 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

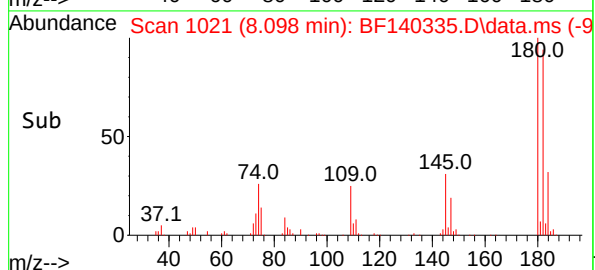
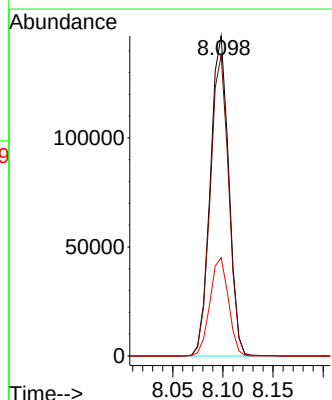
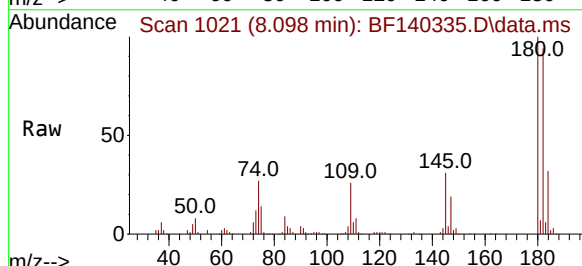
Tgt Ion:180 Resp: 187022

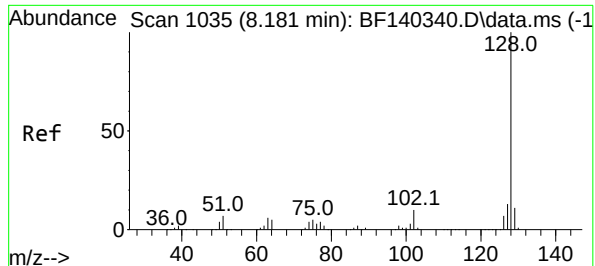
Ion Ratio Lower Upper

180 100

182 93.9 76.5 114.7

145 30.7 25.3 37.9

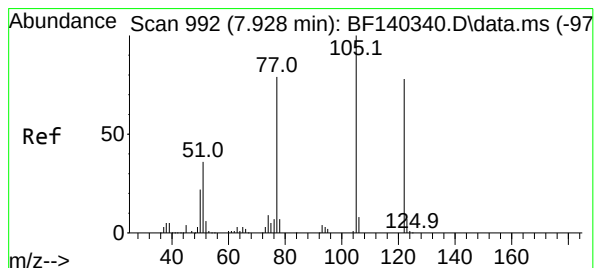
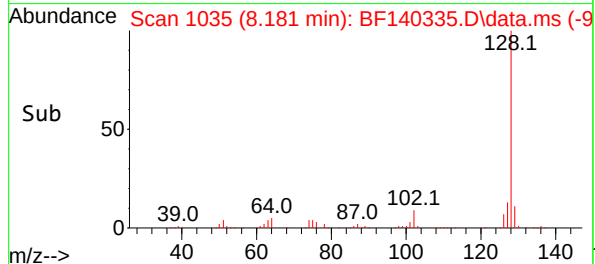
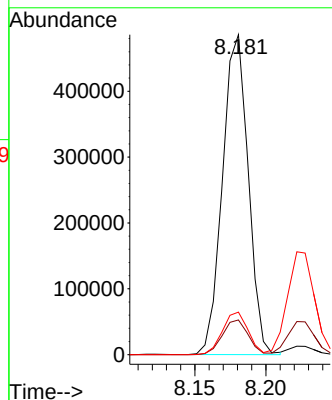
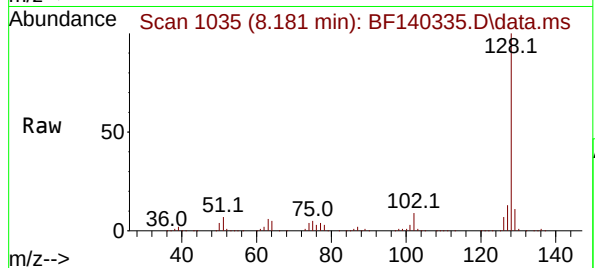




#31
Naphthalene
Concen: 20.969 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

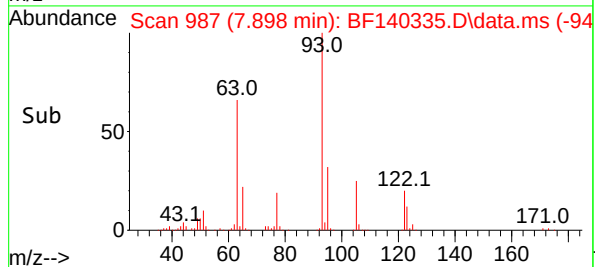
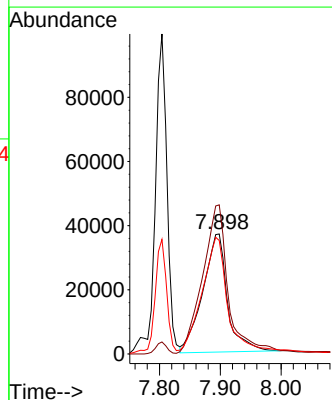
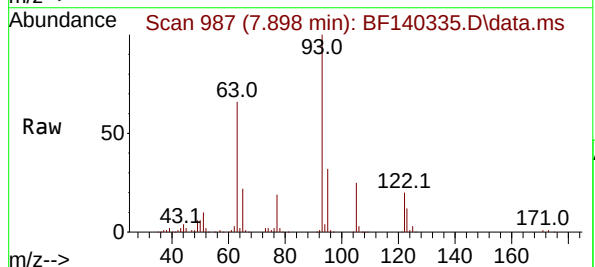
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

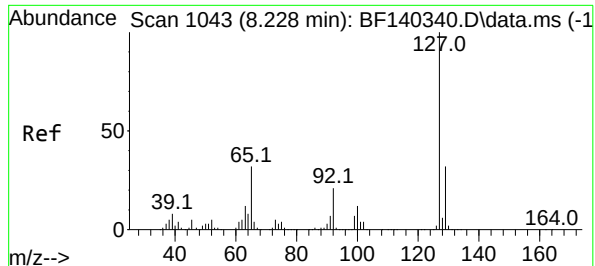
Tgt Ion:128 Resp: 611395
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 18.055 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.029 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:122 Resp: 103495
Ion Ratio Lower Upper
122 100
105 124.2 100.9 140.9
77 94.4 76.0 116.0





#33

4-Chloroaniline

Concen: 20.956 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 212489

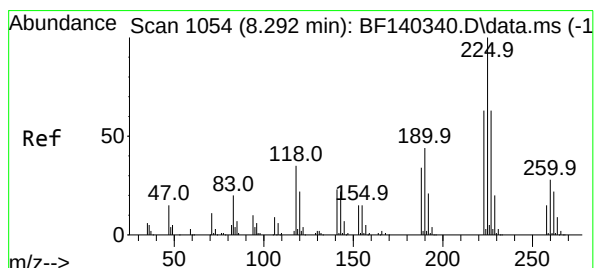
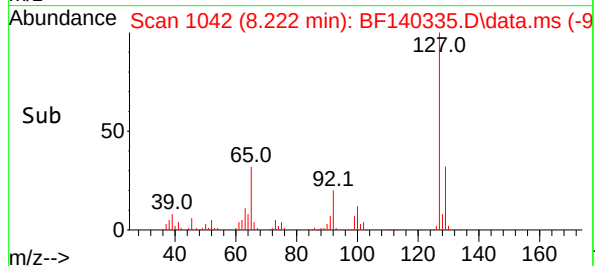
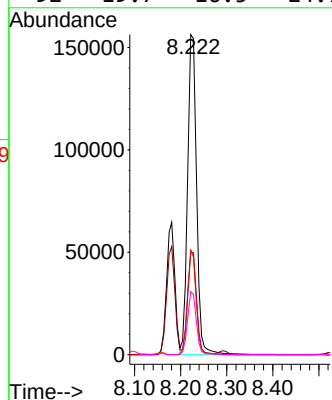
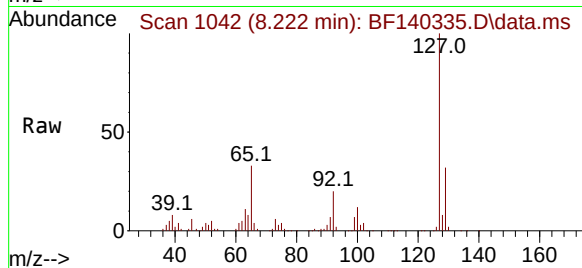
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.4

65 32.7 25.8 38.6

92 19.7 16.5 24.7



#34

Hexachlorobutadiene

Concen: 21.087 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

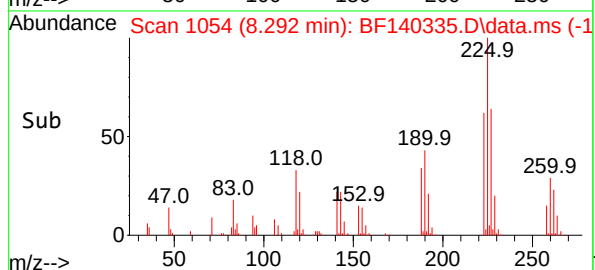
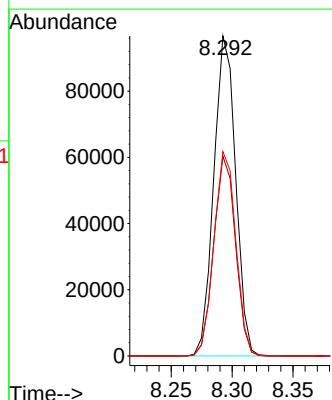
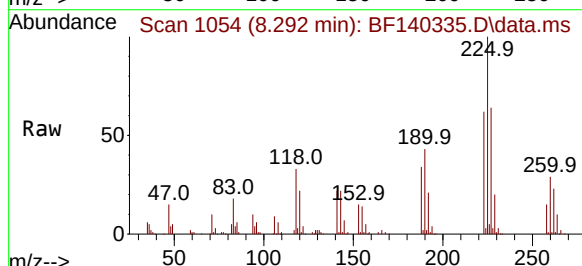
Tgt Ion:225 Resp: 120624

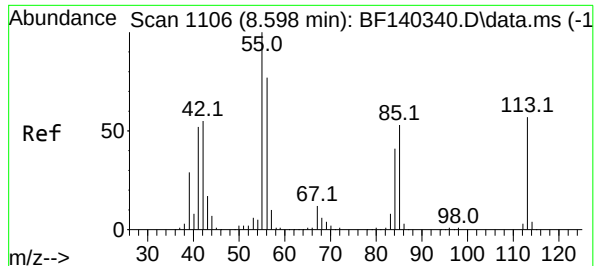
Ion Ratio Lower Upper

225 100

223 62.4 50.1 75.1

227 63.9 51.3 76.9





#35

Caprolactam

Concen: 19.929 ng

RT: 8.575 min Scan# 1102

Delta R.T. -0.024 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

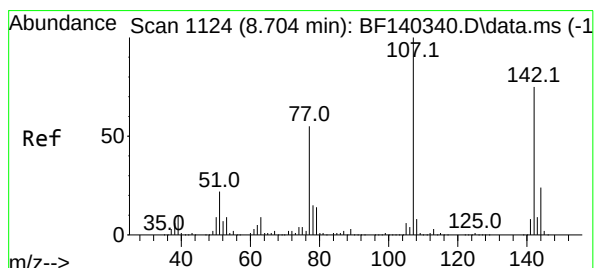
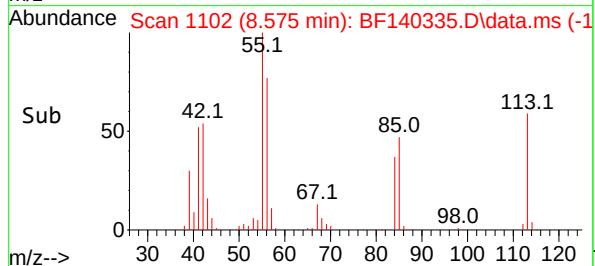
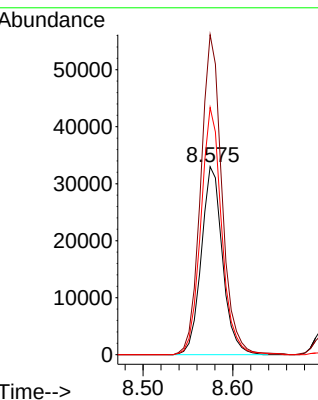
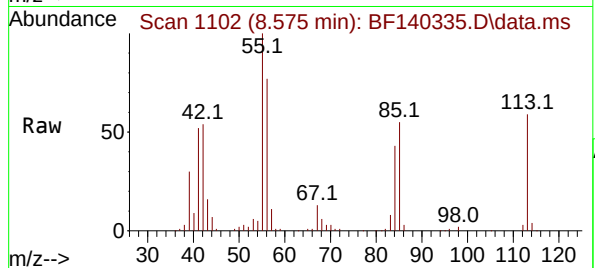
Tgt Ion:113 Resp: 54033

Ion Ratio Lower Upper

113 100

55 170.2 150.0 190.0

56 131.5 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 20.581 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

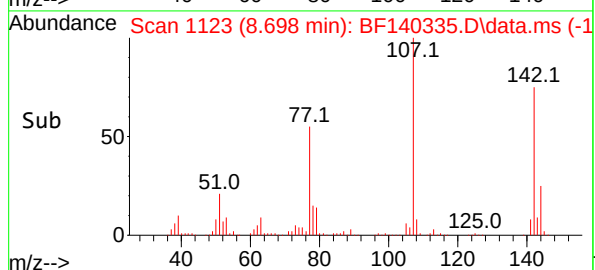
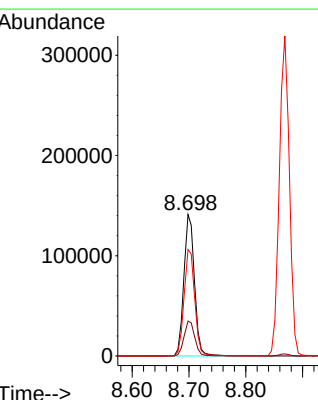
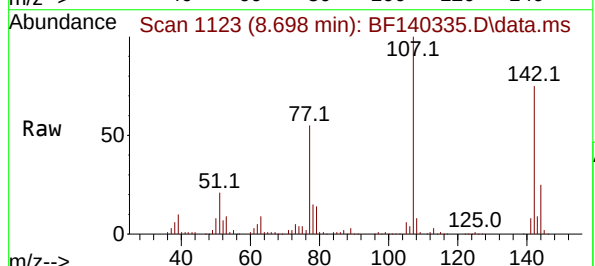
Tgt Ion:107 Resp: 183923

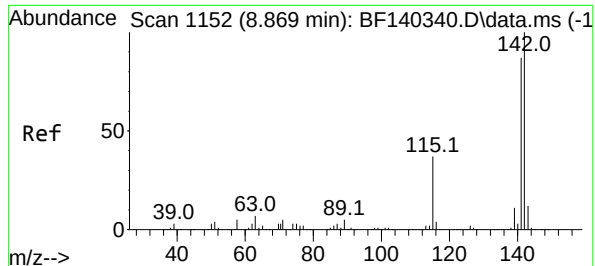
Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

142 75.2 59.4 89.0





#37

2-Methylnaphthalene

Concen: 21.001 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

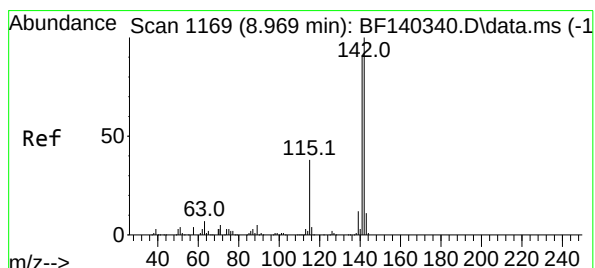
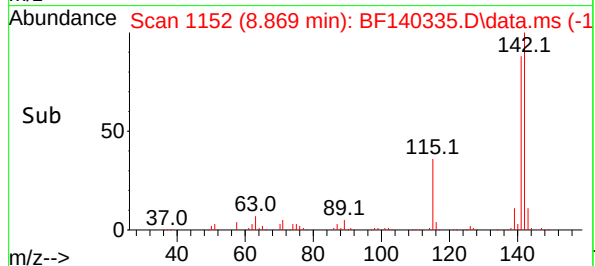
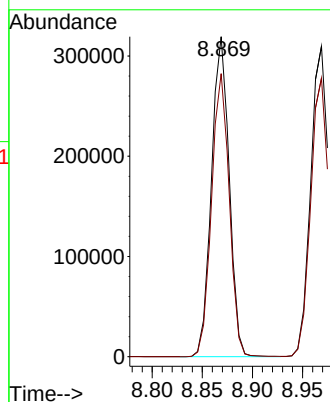
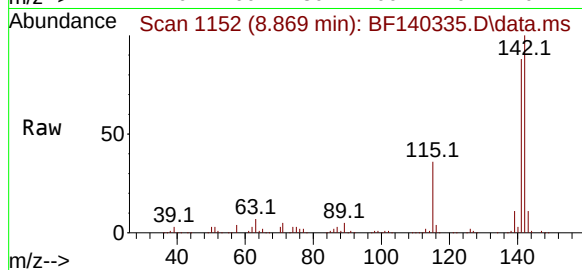
SSTDIC020

Tgt Ion:142 Resp: 392634

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6



#38

1-Methylnaphthalene

Concen: 21.125 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140335.D

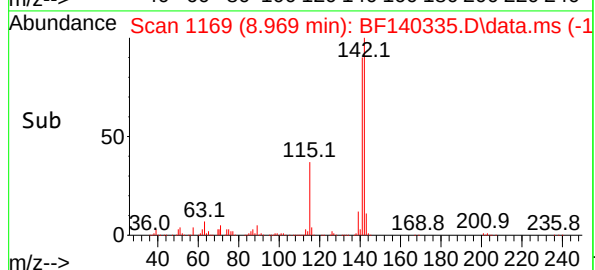
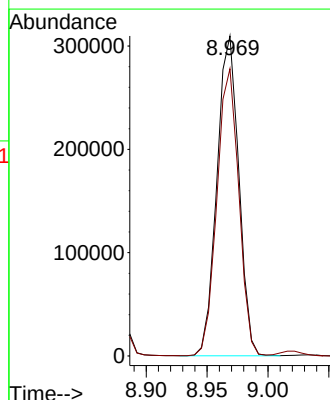
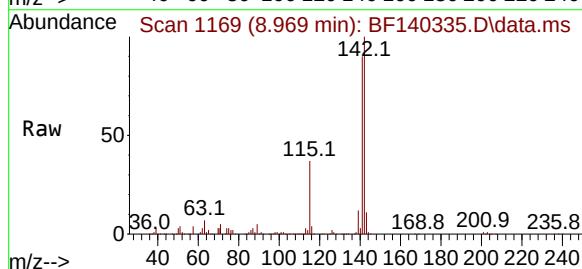
Acq: 13 Nov 2024 10:29

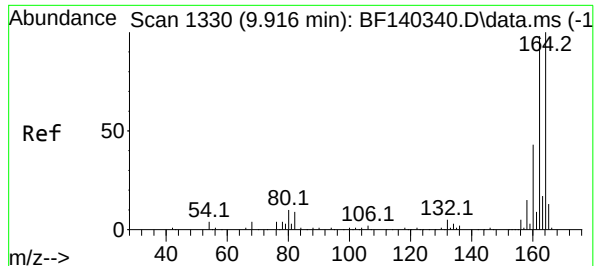
Tgt Ion:142 Resp: 386754

Ion Ratio Lower Upper

142 100

141 89.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

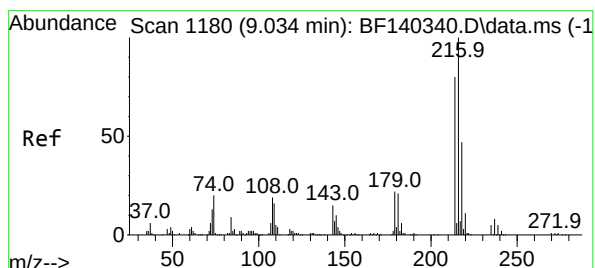
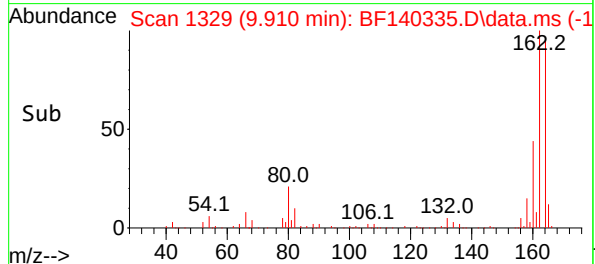
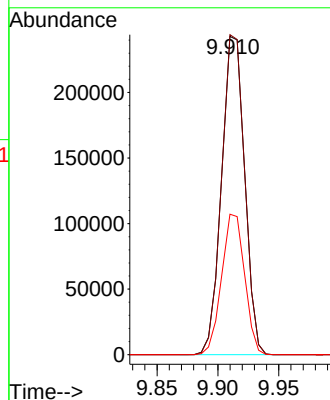
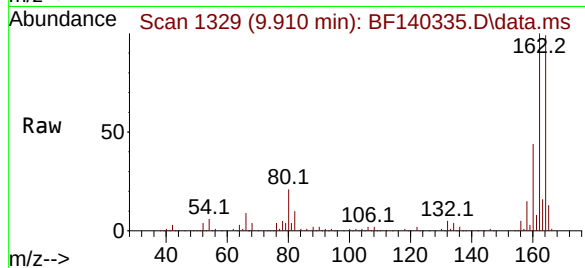
Tgt Ion:164 Resp: 321015

Ion Ratio Lower Upper

164 100

162 100.5 79.8 119.8

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.097 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Tgt Ion:216 Resp: 187279

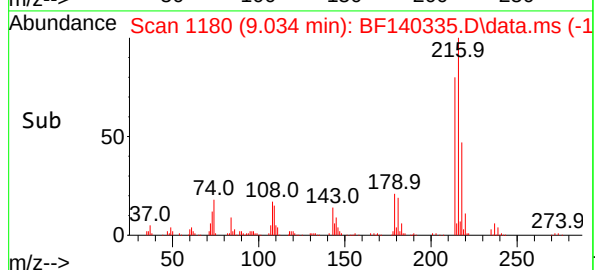
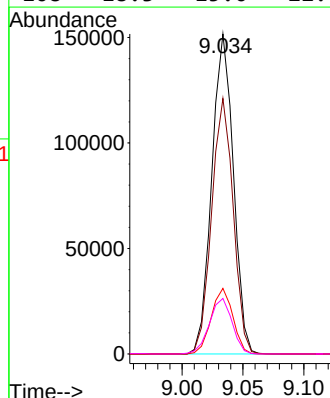
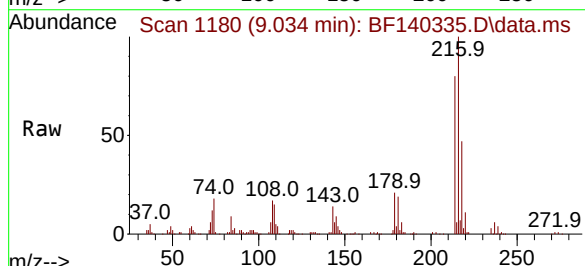
Ion Ratio Lower Upper

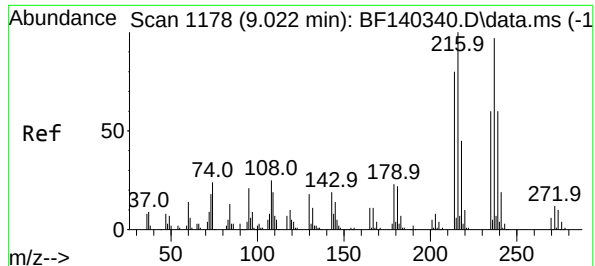
216 100

214 79.7 63.2 94.8

179 20.5 17.2 25.8

108 18.3 15.0 22.4

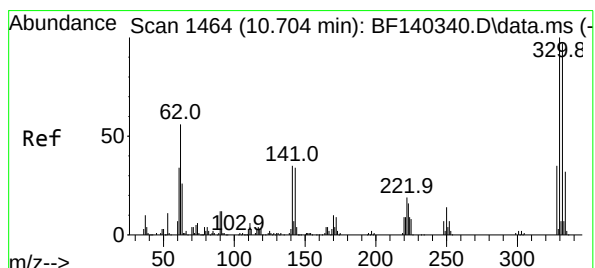
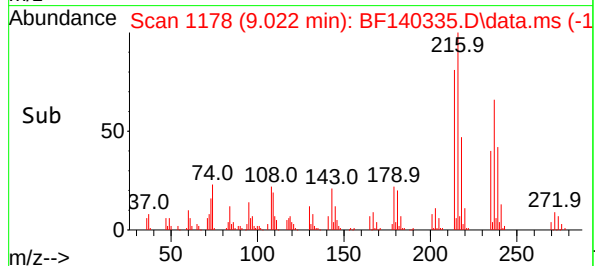
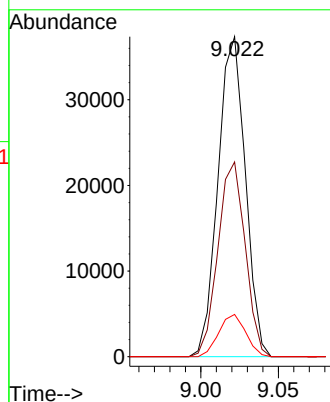
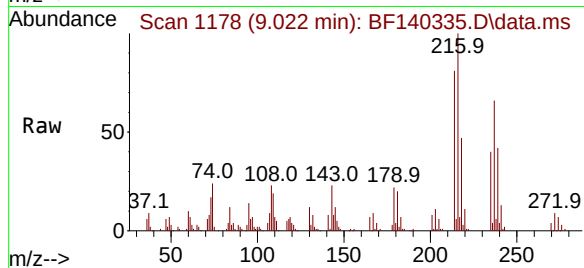




#41
Hexachlorocyclopentadiene
Concen: 20.099 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

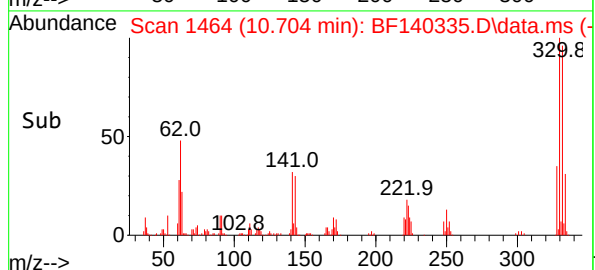
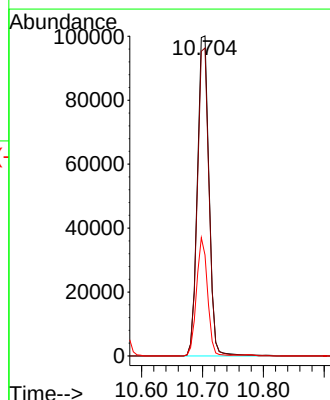
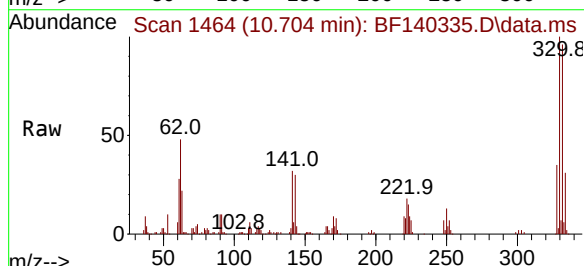
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

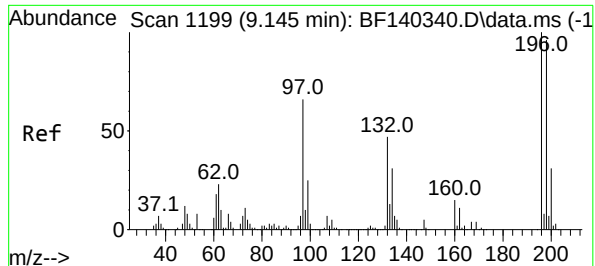
Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.9	42.8	82.8
272	13.2	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 41.567 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	35.0	26.9	40.3





#43

2,4,6-Trichlorophenol

Concen: 20.609 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

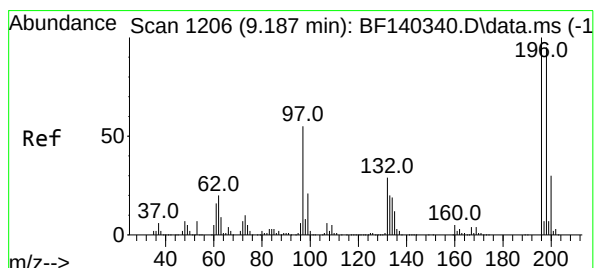
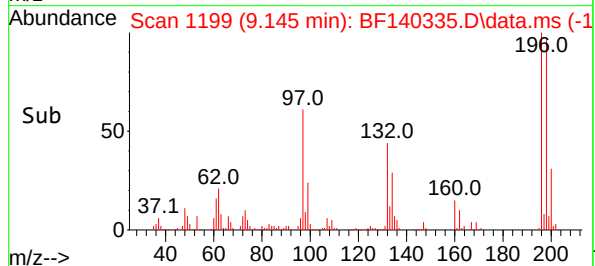
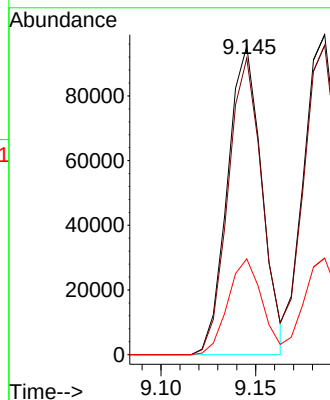
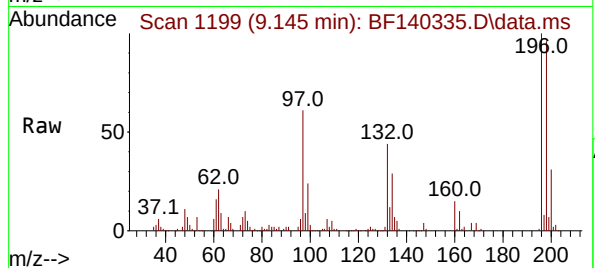
Tgt Ion:196 Resp: 120063

Ion Ratio Lower Upper

196 100

198 96.0 77.0 115.4

200 31.1 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 20.789 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Tgt Ion:196 Resp: 132413

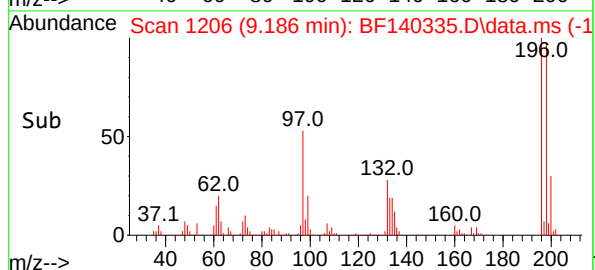
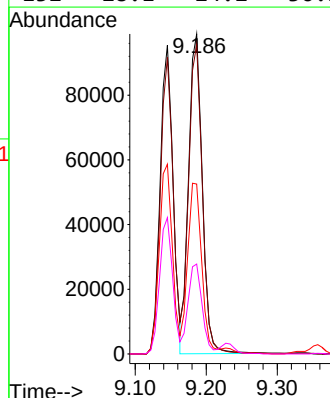
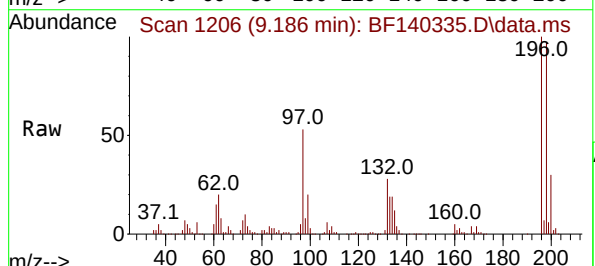
Ion Ratio Lower Upper

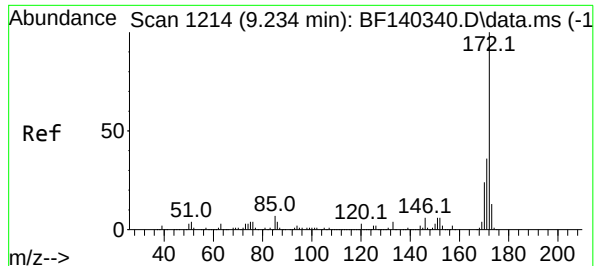
196 100

198 96.7 77.6 116.4

97 53.1 45.4 68.2

132 28.1 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 43.439 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

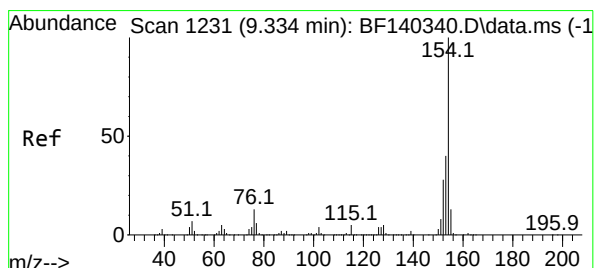
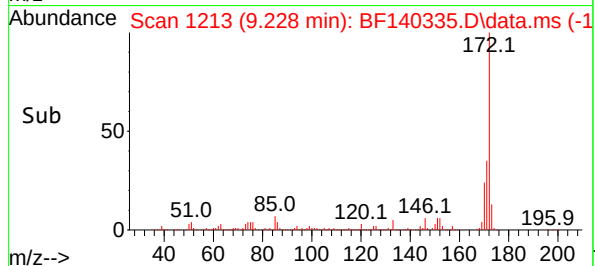
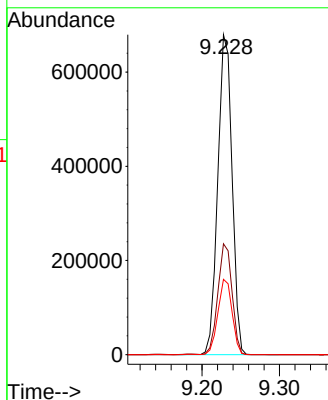
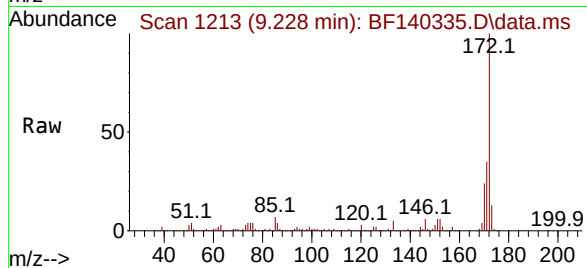
Tgt Ion:172 Resp: 867449

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 21.506 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

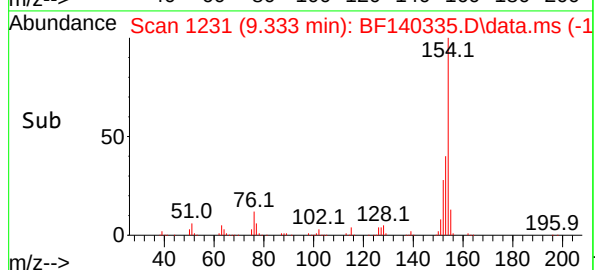
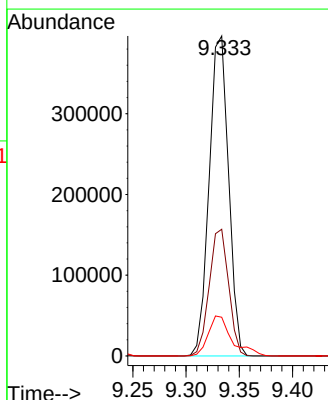
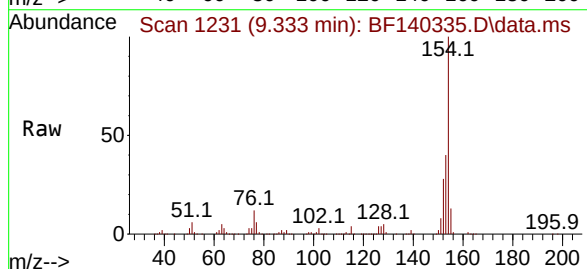
Tgt Ion:154 Resp: 502252

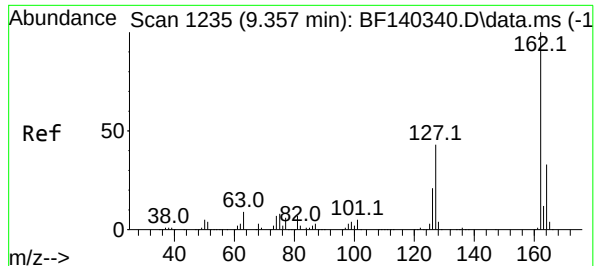
Ion Ratio Lower Upper

154 100

153 39.6 20.4 60.4

76 12.1 0.0 32.9





#47

2-Chloronaphthalene

Concen: 20.741 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140335.D

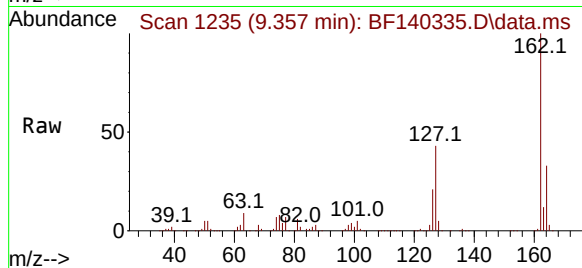
Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC020



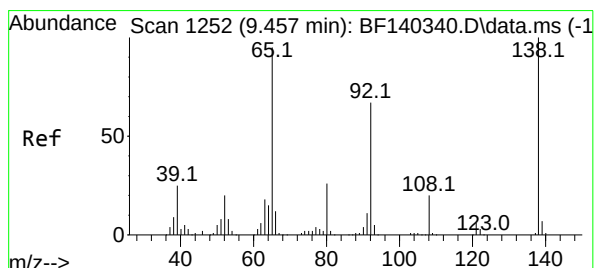
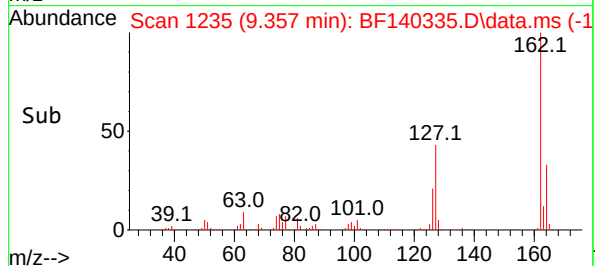
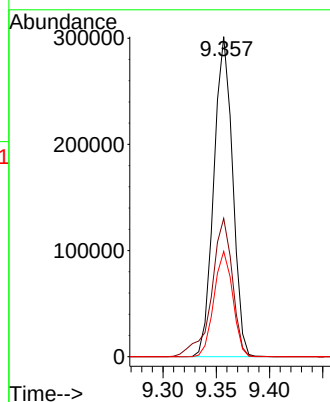
Tgt Ion:162 Resp: 368985

Ion Ratio Lower Upper

162 100

127 43.2 34.0 51.0

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 20.885 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

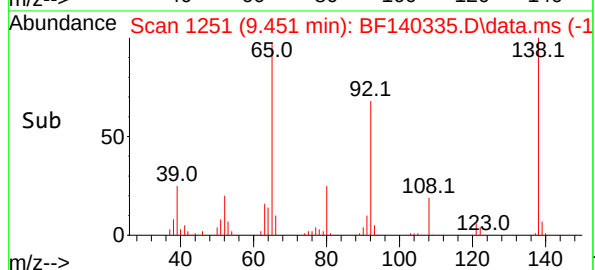
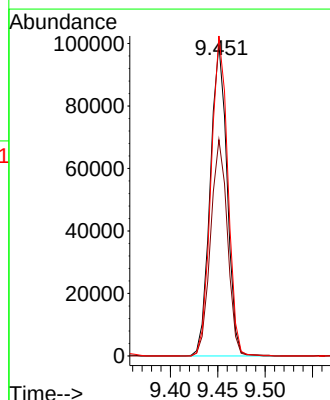
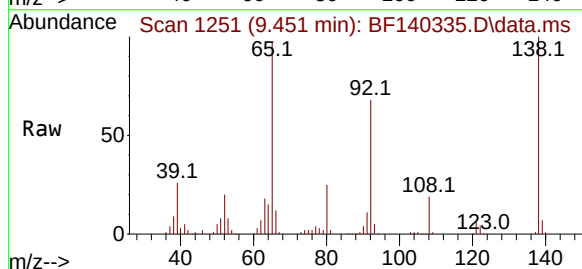
Tgt Ion: 65 Resp: 123220

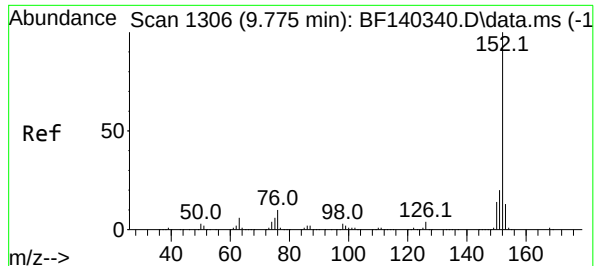
Ion Ratio Lower Upper

65 100

92 69.4 56.4 84.6

138 102.7 84.8 127.2





#49

Acenaphthylene

Concen: 21.301 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

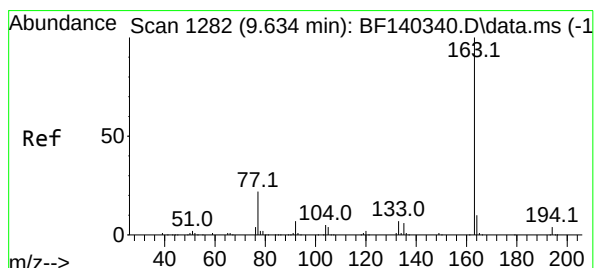
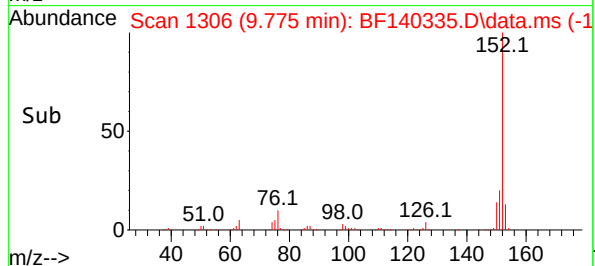
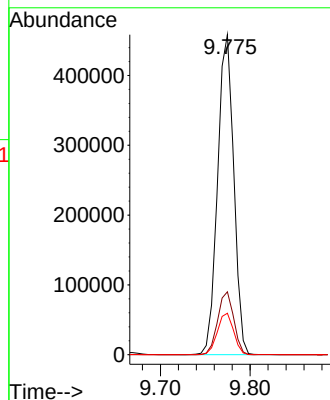
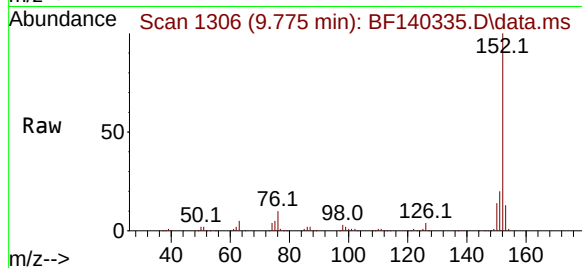
Tgt Ion:152 Resp: 573335

Ion Ratio Lower Upper

152 100

151 19.6 16.1 24.1

153 13.0 10.7 16.1



#50

Dimethylphthalate

Concen: 21.031 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

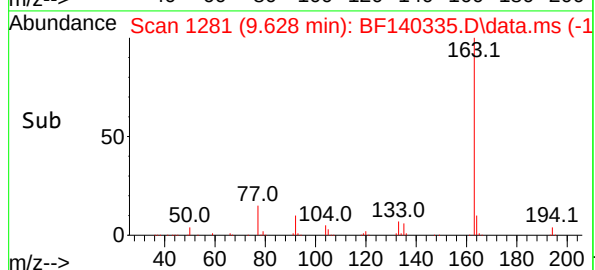
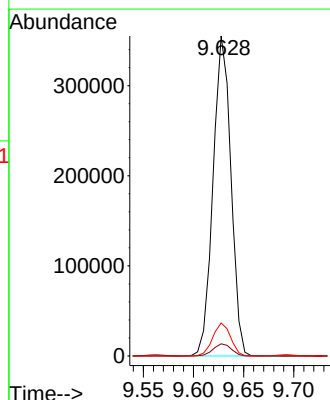
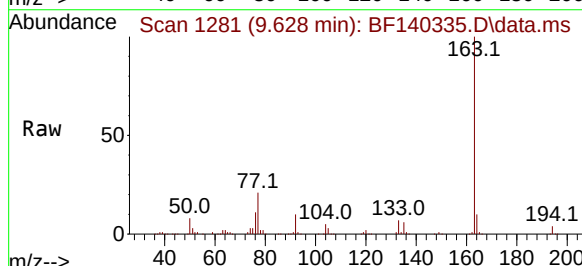
Tgt Ion:163 Resp: 440050

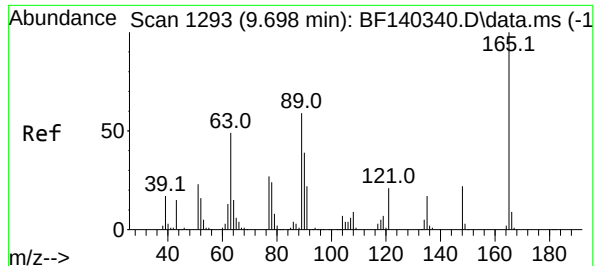
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 21.089 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

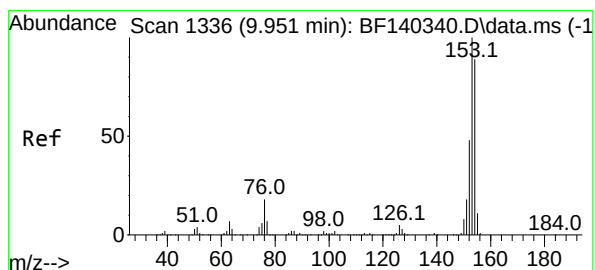
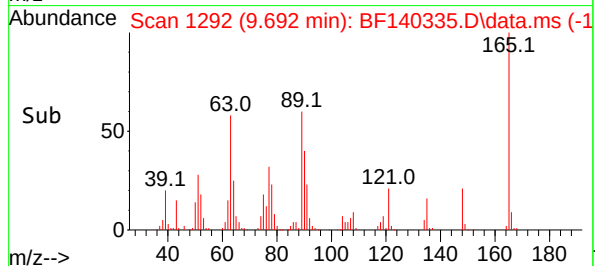
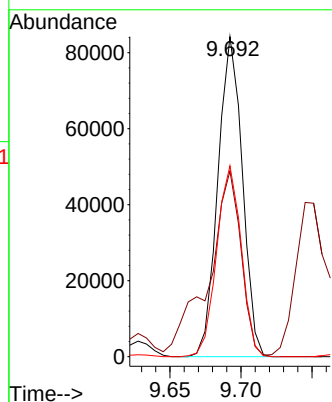
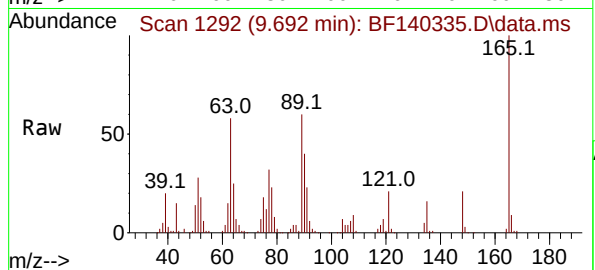
Tgt Ion:165 Resp: 100599

Ion Ratio Lower Upper

165 100

63 58.0 47.6 71.4

89 59.7 48.1 72.1



#52

Acenaphthene

Concen: 21.056 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

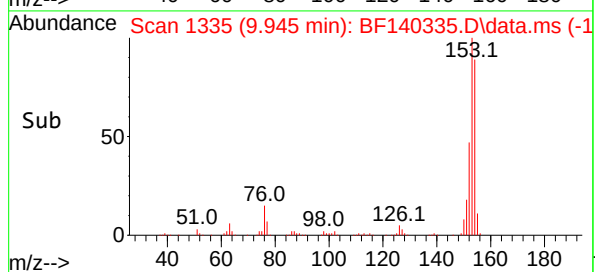
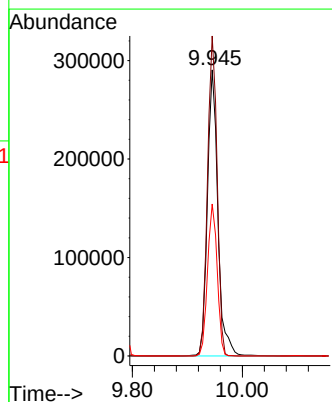
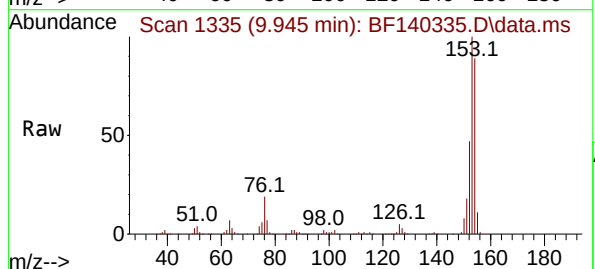
Tgt Ion:154 Resp: 382783

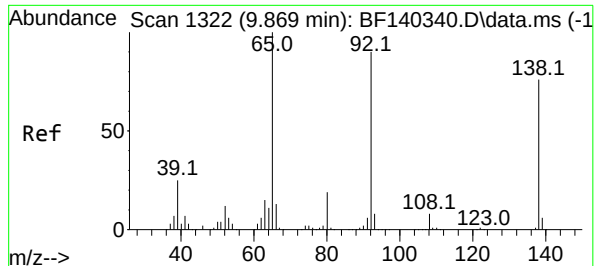
Ion Ratio Lower Upper

154 100

153 111.8 89.8 134.8

152 53.1 42.6 64.0

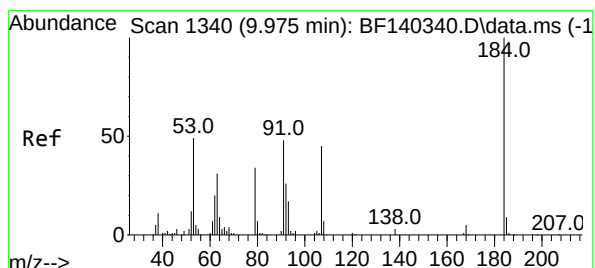
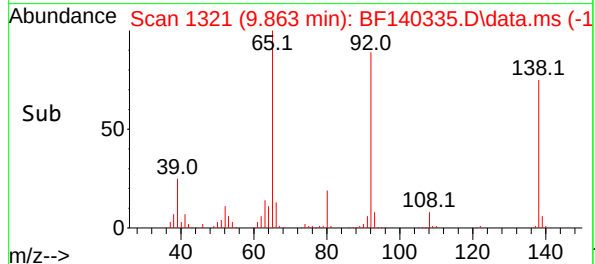
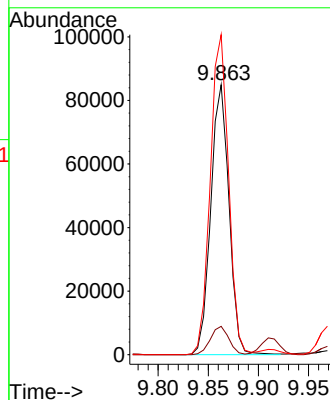
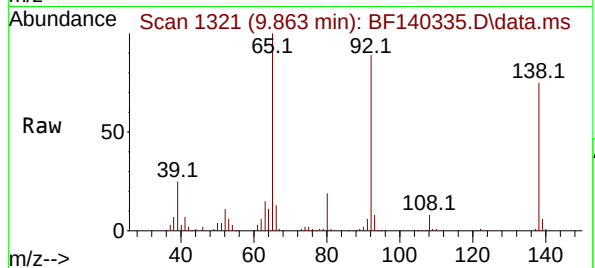




#53
3-Nitroaniline
Concen: 21.467 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

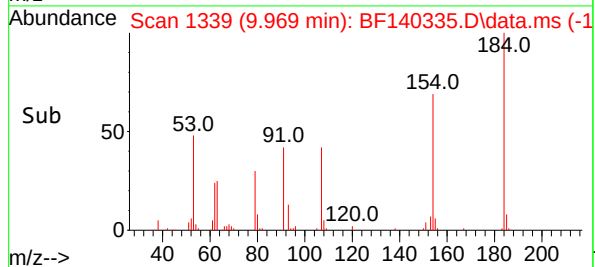
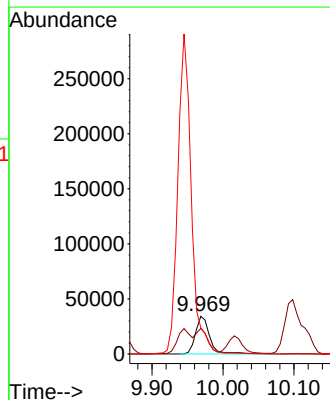
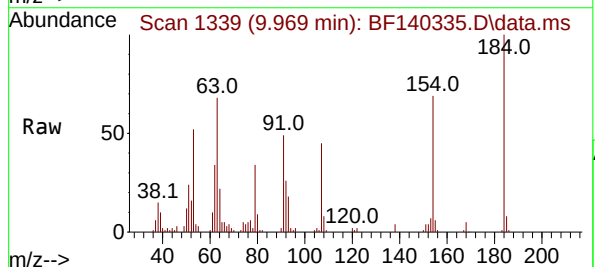
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

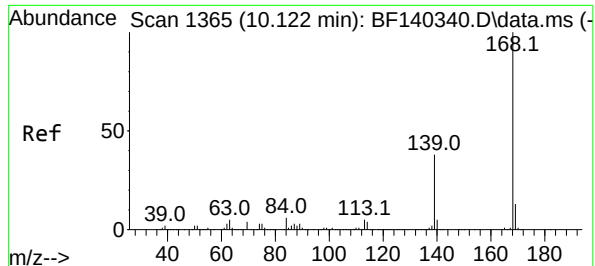
Tgt Ion:138 Resp: 107540
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 118.5 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 19.274 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:184 Resp: 47413
Ion Ratio Lower Upper
184 100
63 68.1 53.5 80.3
154 69.3 51.3 76.9





#55

Dibenzenofuran

Concen: 21.391 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

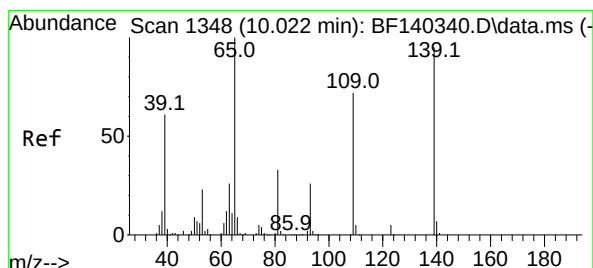
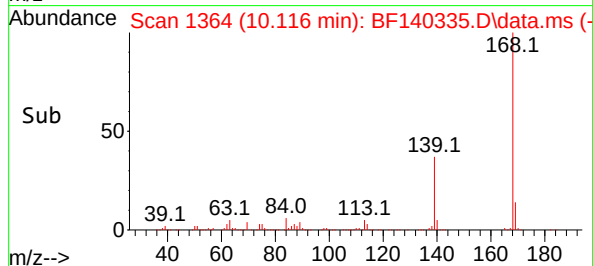
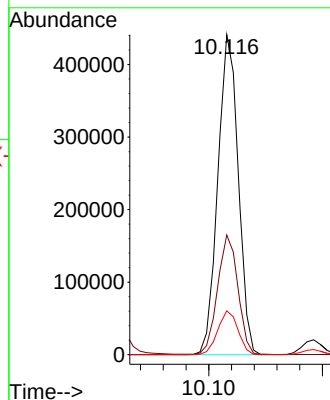
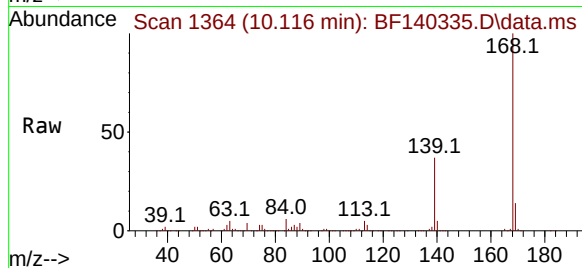
Tgt Ion:168 Resp: 550502

Ion Ratio Lower Upper

168 100

139 37.4 30.8 46.2

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 20.993 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

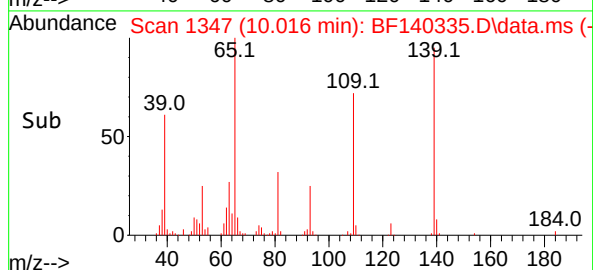
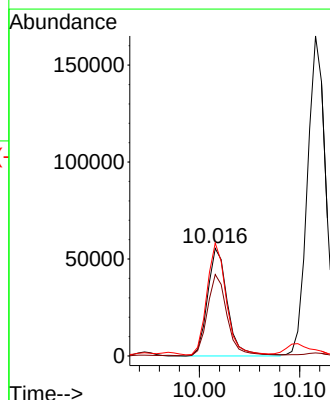
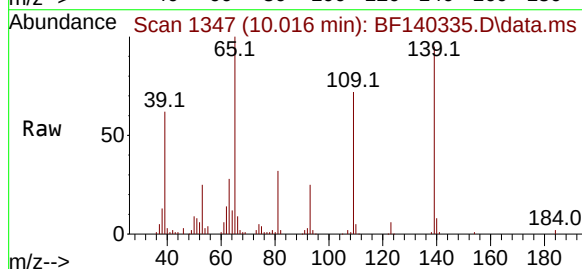
Tgt Ion:139 Resp: 76711

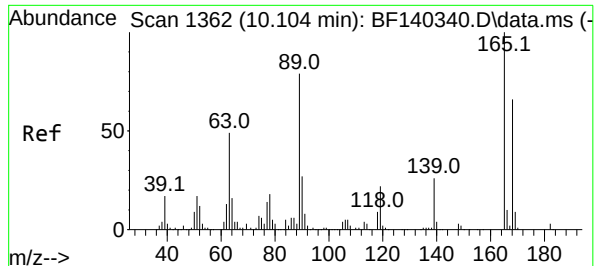
Ion Ratio Lower Upper

139 100

109 75.6 54.5 94.5

65 105.1 84.4 124.4



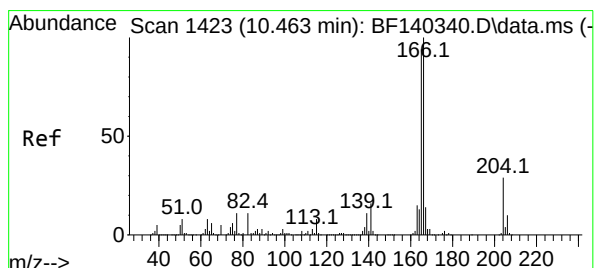
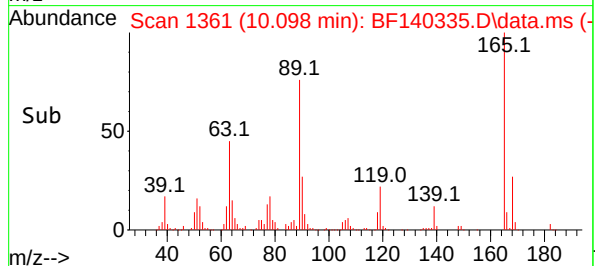
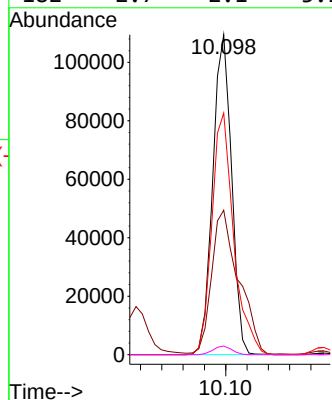
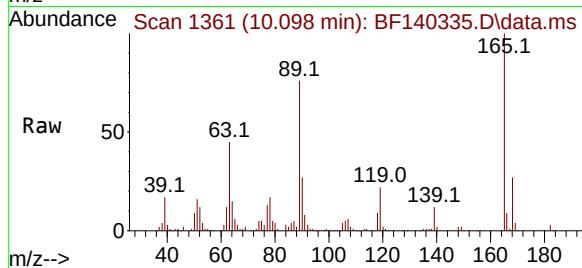


#57
2,4-Dinitrotoluene
Concen: 21.321 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 133852

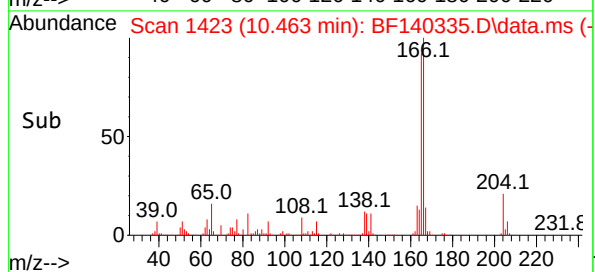
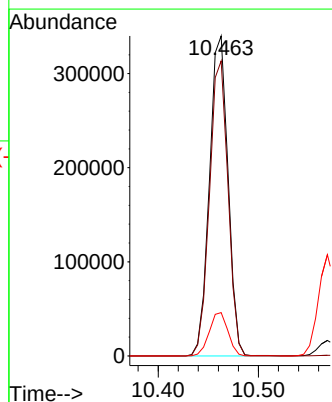
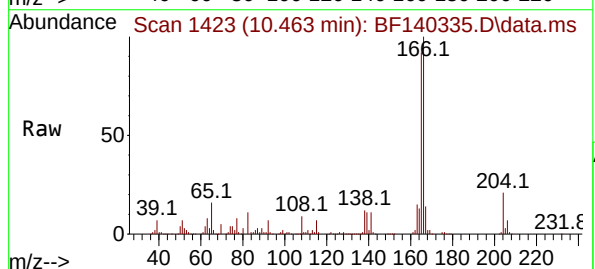
Ion	Ratio	Lower	Upper
165	100		
63	45.1	39.4	59.0
89	75.5	62.4	93.6
182	2.7	2.1	3.1

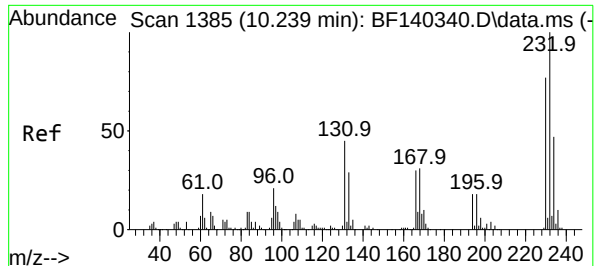


#58
Fluorene
Concen: 21.548 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:166 Resp: 438095

Ion	Ratio	Lower	Upper
166	100		
165	92.2	73.9	110.9
167	13.6	10.9	16.3

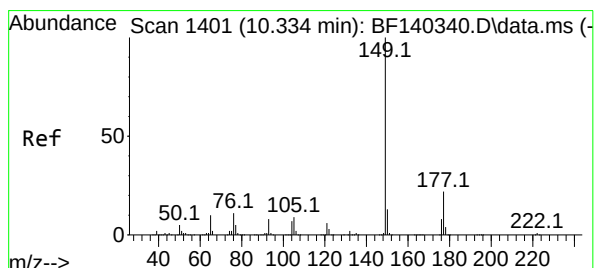
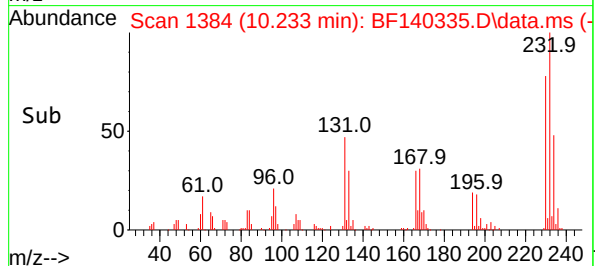
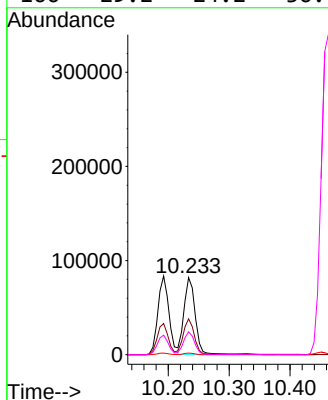
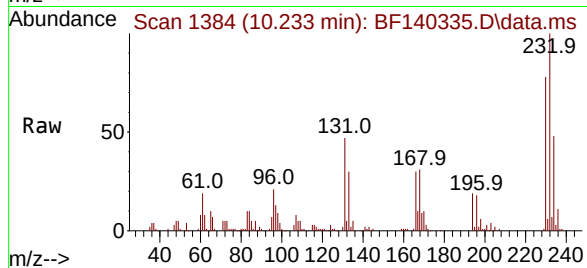




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.824 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

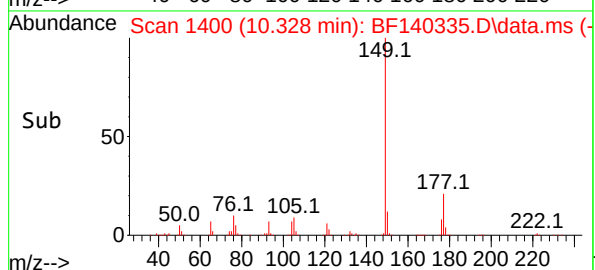
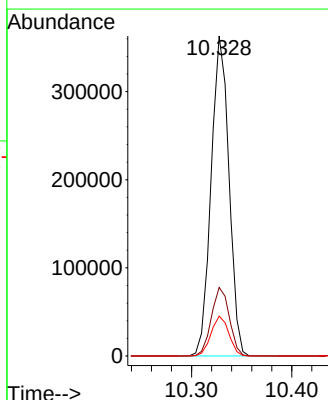
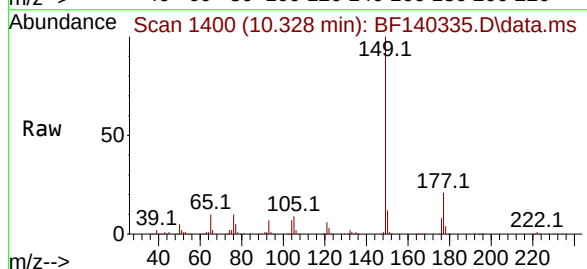
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

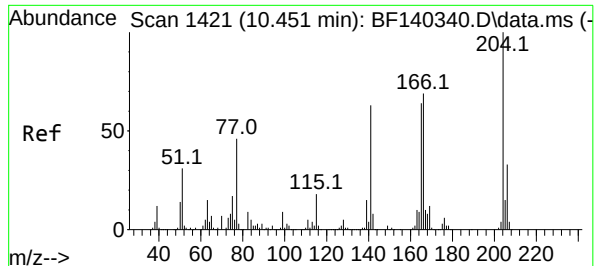
Tgt Ion:232 Resp: 104638
Ion Ratio Lower Upper
232 100
131 46.9 36.8 55.2
130 2.0 1.9 2.9
166 29.2 24.2 36.4



#60
Diethylphthalate
Concen: 20.979 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:149 Resp: 448855
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.4 10.1 15.1

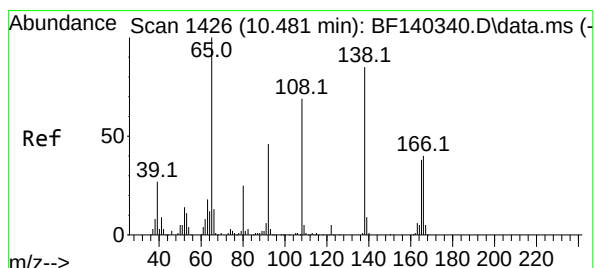
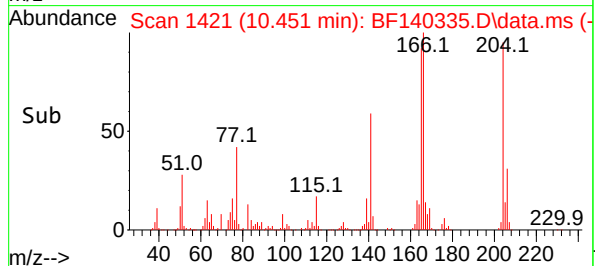
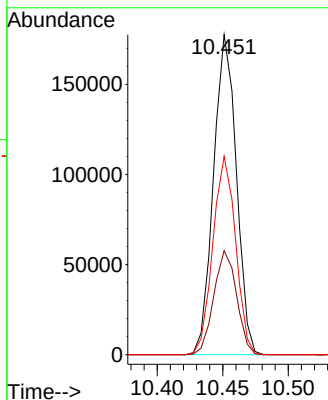
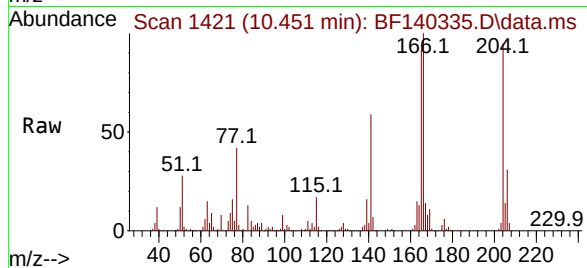




#61
4-Chlorophenyl-phenylether
Concen: 21.407 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

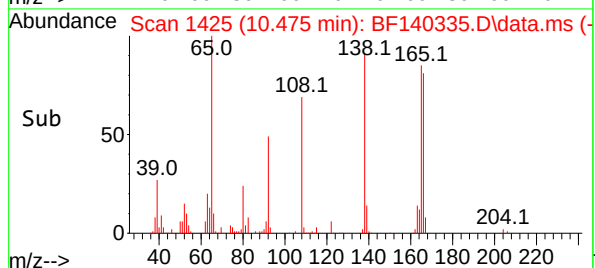
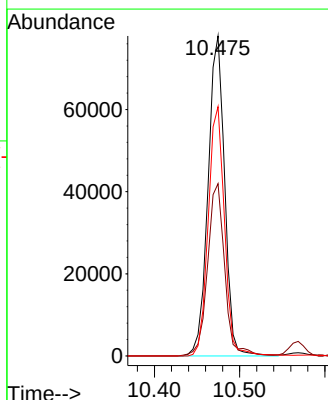
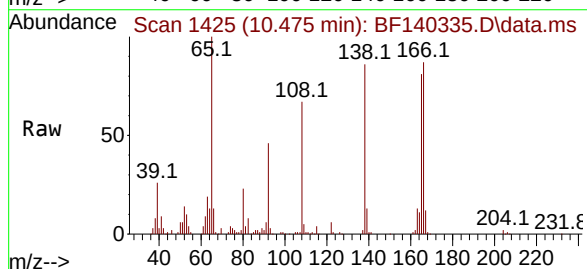
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

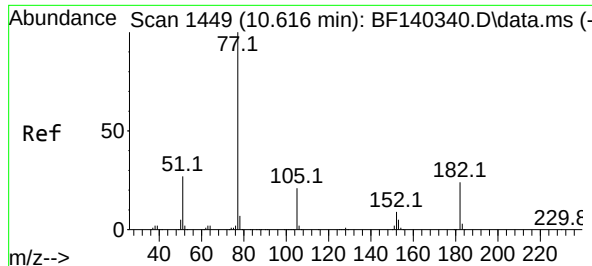
Tgt Ion:204 Resp: 214868
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 62.0 49.8 74.8



#62
4-Nitroaniline
Concen: 20.576 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:138 Resp: 105392
Ion Ratio Lower Upper
138 100
92 53.8 33.8 73.8
108 77.9 59.9 99.9

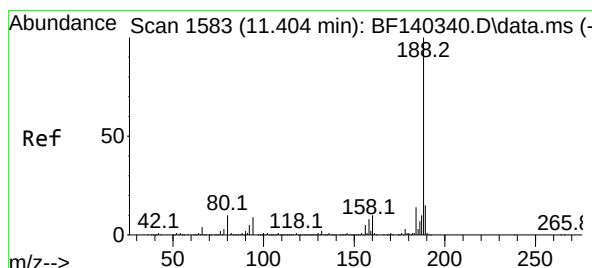
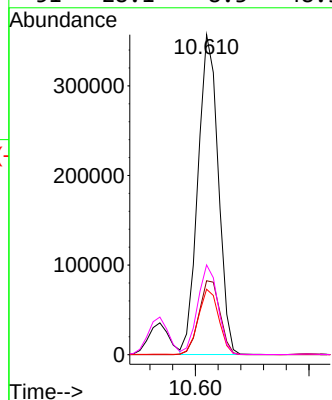
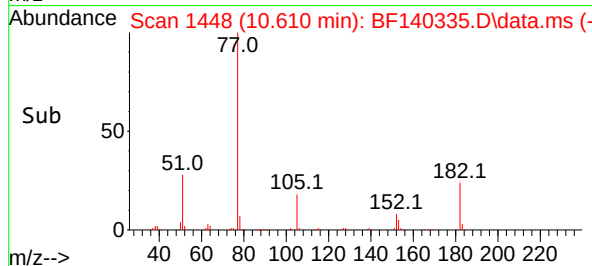
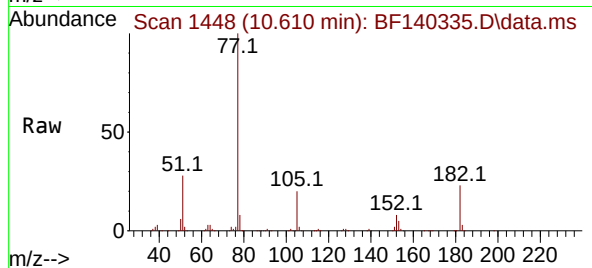




#63
Azobenzene
Concen: 20.957 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

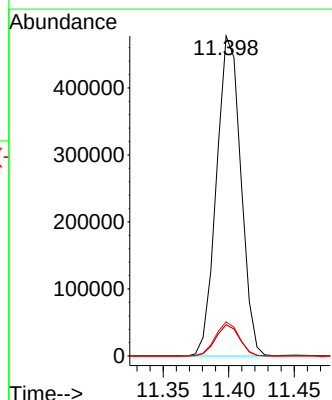
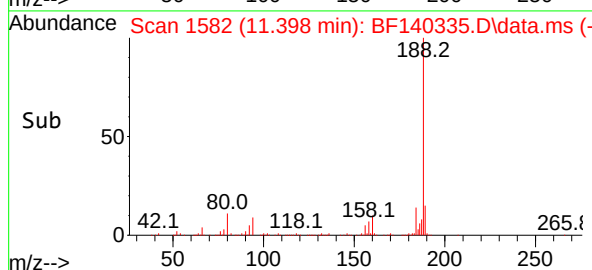
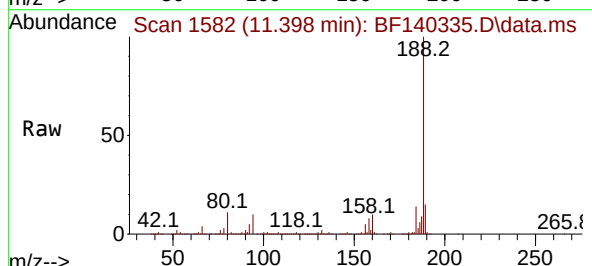
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

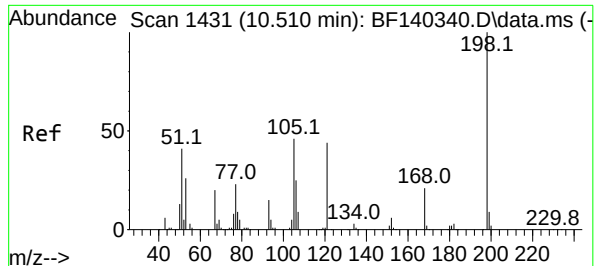
Tgt Ion: 77	Resp: 443044
Ion Ratio	Lower Upper
77 100	
182 23.1	4.6 44.6
105 20.5	0.9 40.9
51 28.1	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion: 188	Resp: 615627
Ion Ratio	Lower Upper
188 100	
94 9.8	7.6 11.4
80 10.7	8.0 12.0

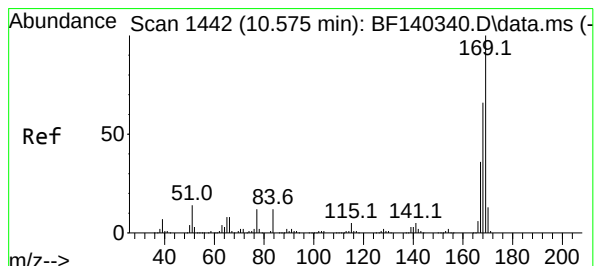
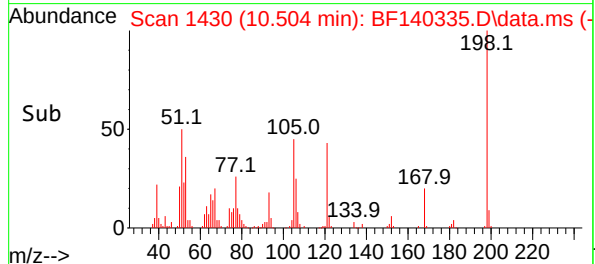
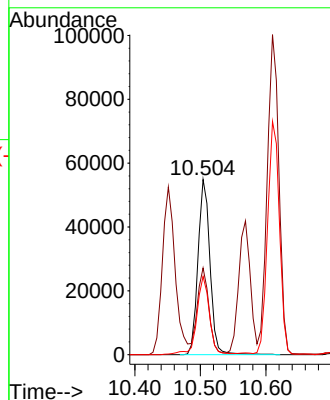
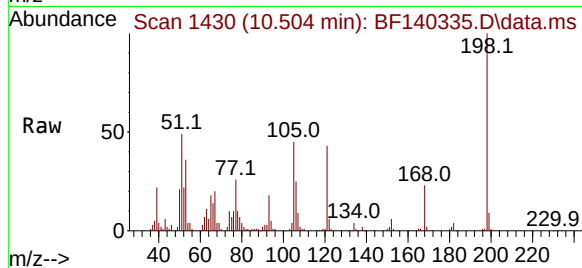




#65
4,6-Dinitro-2-methylphenol
Concen: 21.089 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

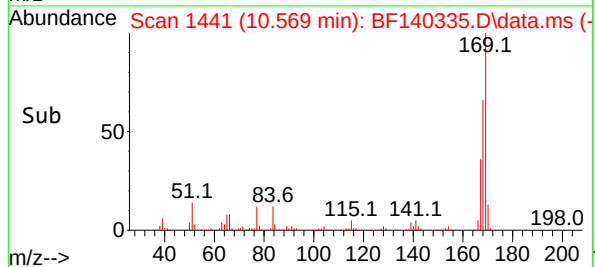
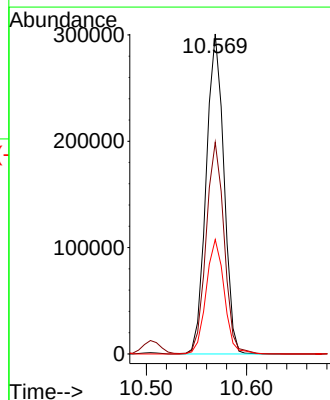
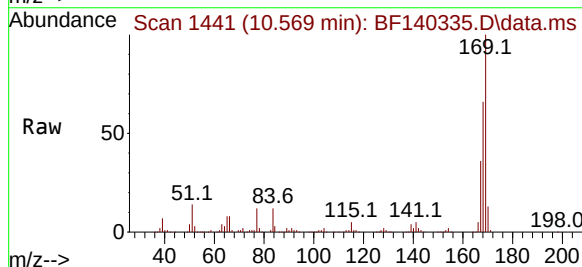
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

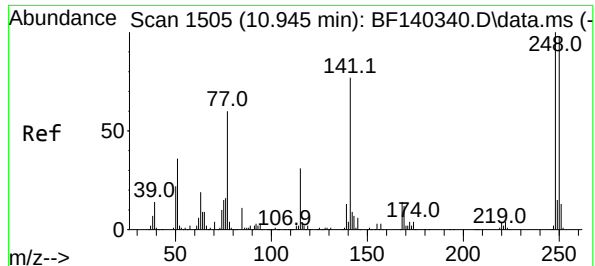
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.5	29.7	69.7
105	44.6	26.3	66.3



#66
n-Nitrosodiphenylamine
Concen: 20.780 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	52.7	79.1
167	35.8	29.3	43.9





#67

4-Bromophenyl-phenylether

Concen: 20.881 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

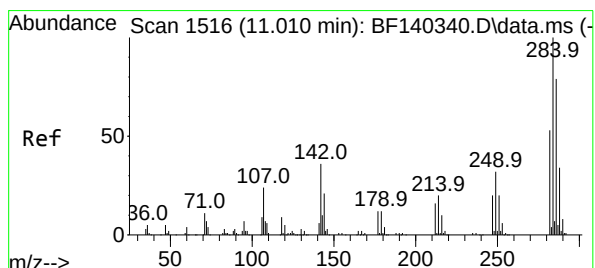
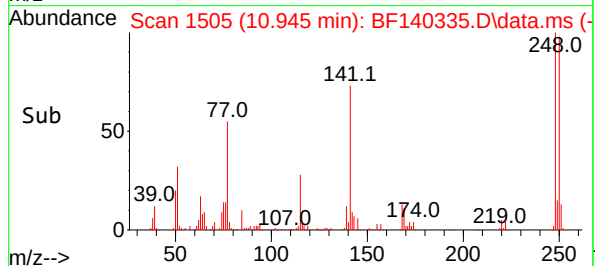
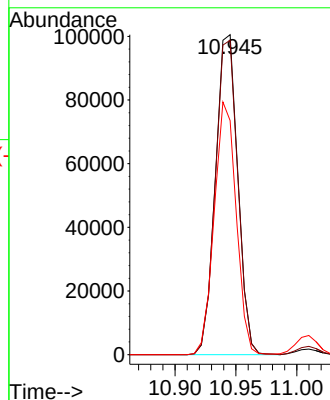
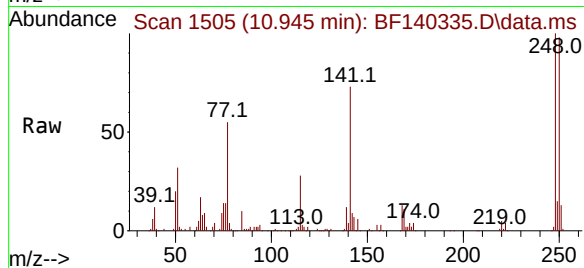
Tgt Ion:248 Resp: 128501

Ion Ratio Lower Upper

248 100

250 98.2 77.9 116.9

141 73.1 61.8 92.6



#68

Hexachlorobenzene

Concen: 20.667 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

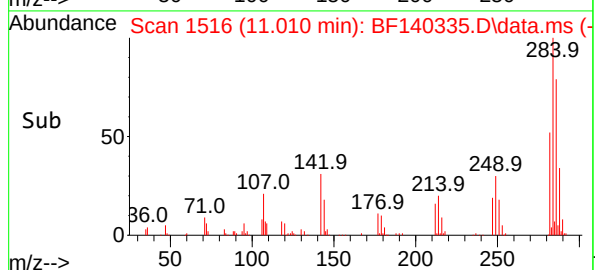
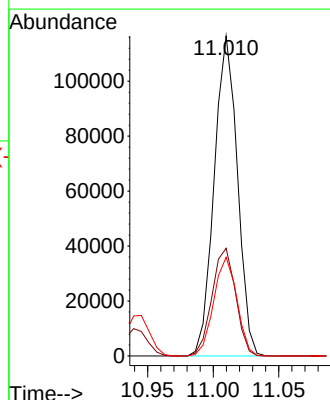
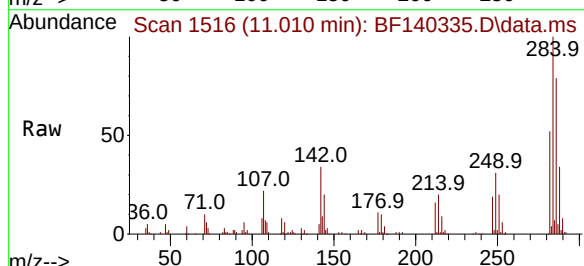
Tgt Ion:284 Resp: 143099

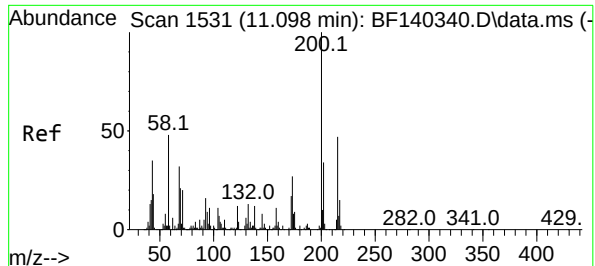
Ion Ratio Lower Upper

284 100

142 33.7 28.1 42.1

249 30.8 24.9 37.3





#69

Atrazine

Concen: 15.446 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

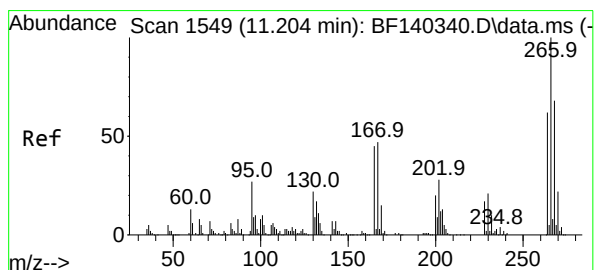
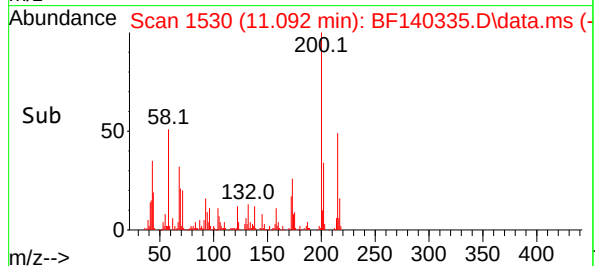
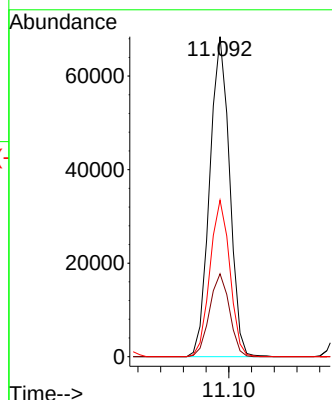
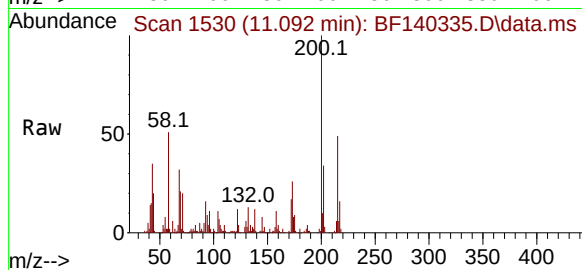
Tgt Ion:200 Resp: 83124

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

215 48.9 27.2 67.2



#70

Pentachlorophenol

Concen: 20.435 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

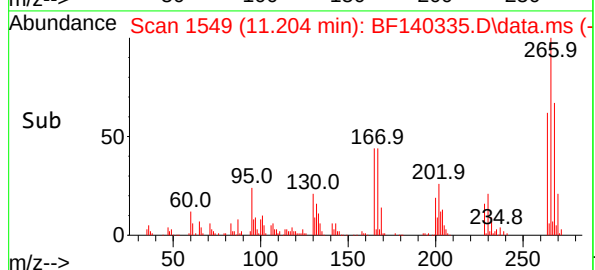
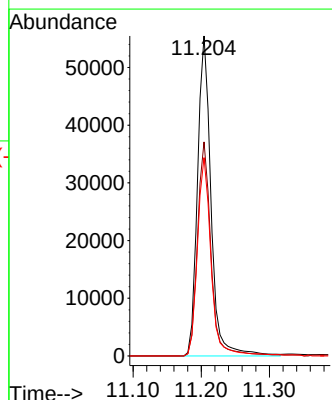
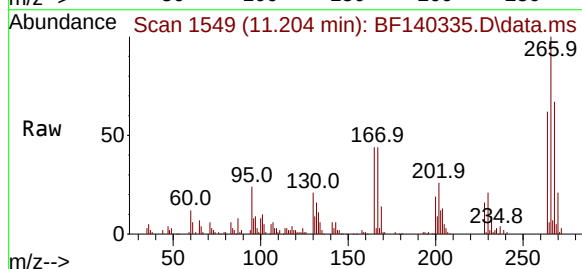
Tgt Ion:266 Resp: 76218

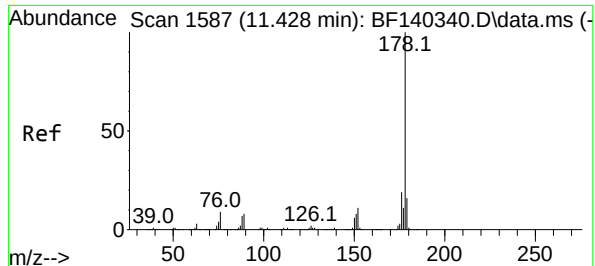
Ion Ratio Lower Upper

266 100

268 66.9 52.9 79.3

264 62.0 50.3 75.5





#71

Phenanthrene

Concen: 20.980 ng

RT: 11.422 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

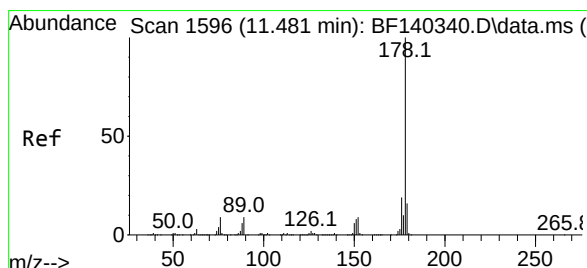
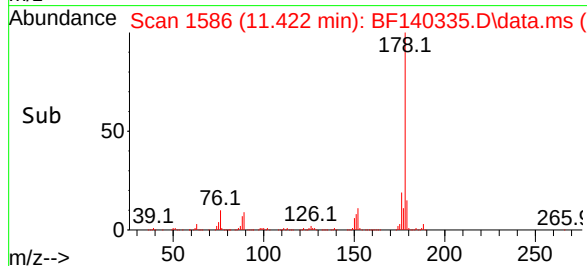
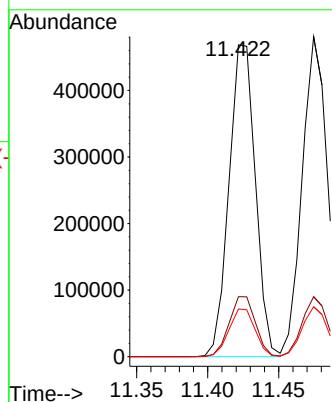
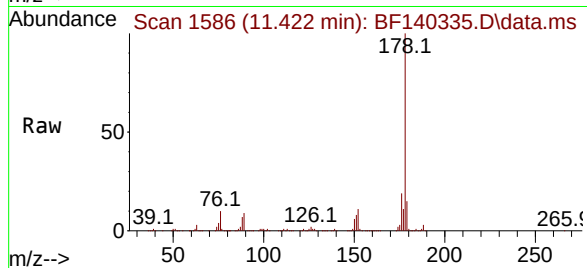
Tgt Ion:178 Resp: 606738

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.3 12.4 18.6



#72

Anthracene

Concen: 20.991 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

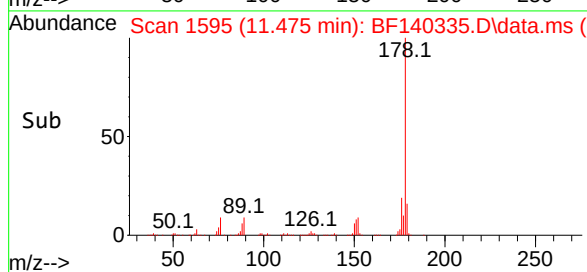
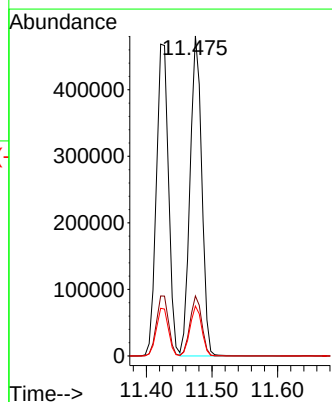
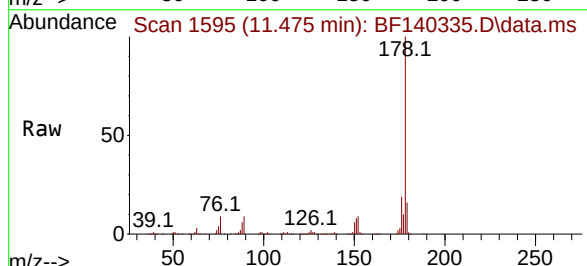
Tgt Ion:178 Resp: 594950

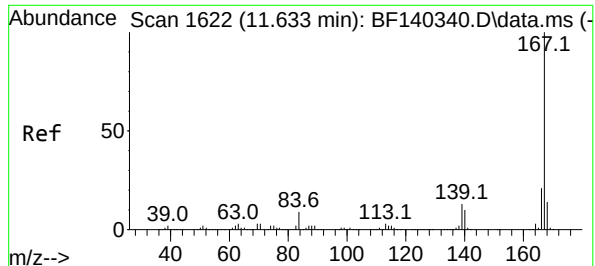
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

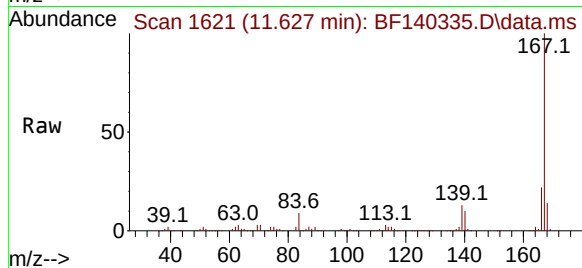
179 15.6 12.6 18.8



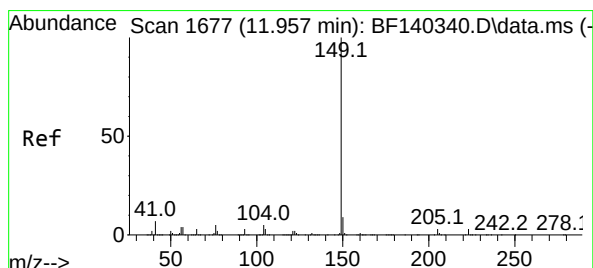
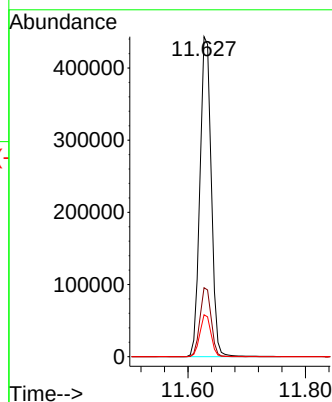
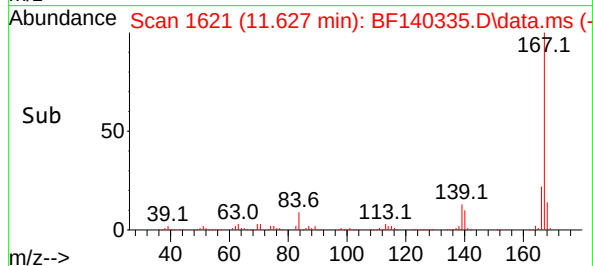


#73
Carbazole
Concen: 21.186 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

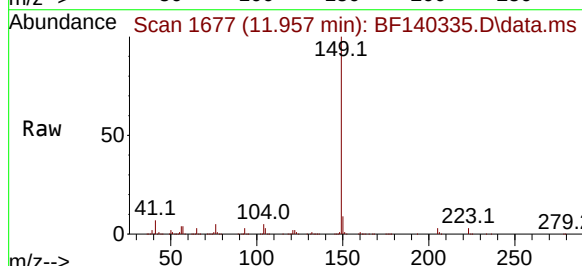
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



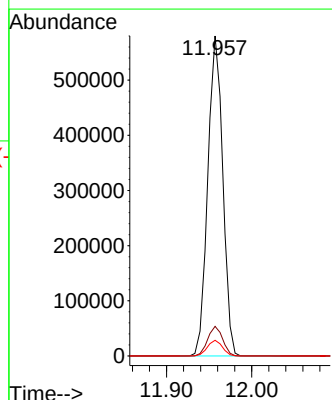
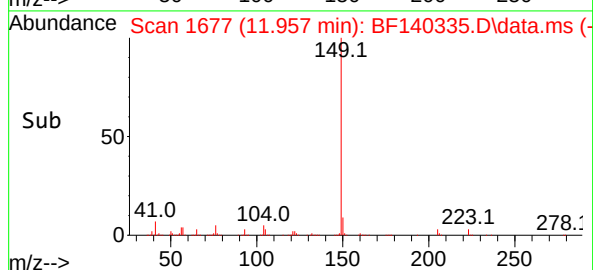
Tgt Ion:167 Resp: 592904
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.1 10.4 15.6

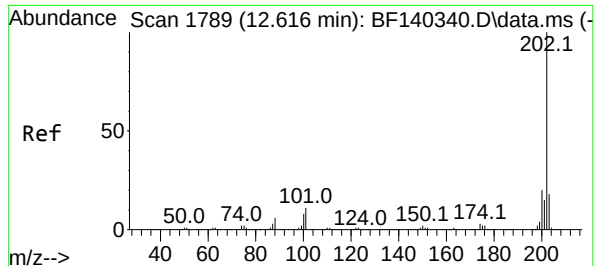


#74
Di-n-butylphthalate
Concen: 21.077 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29



Tgt Ion:149 Resp: 707973
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 4.0 6.0

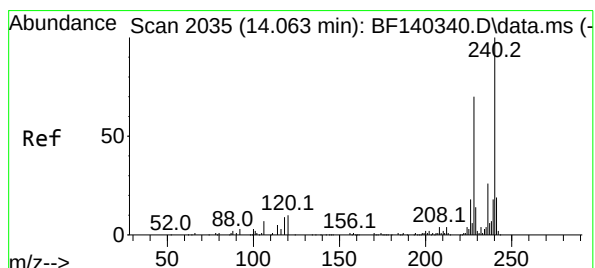
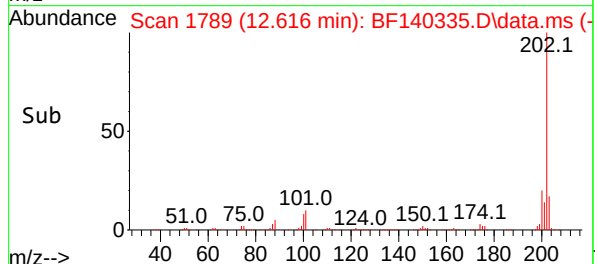
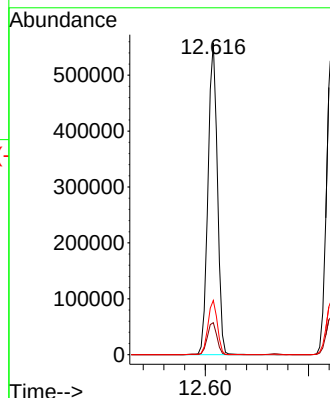
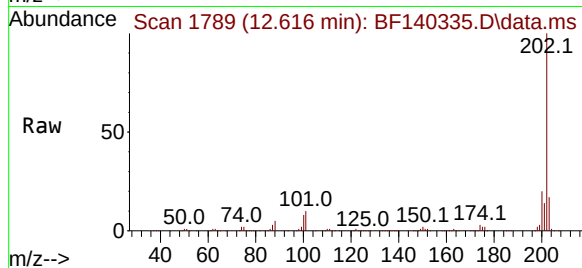




#75
Fluoranthene
Concen: 21.657 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

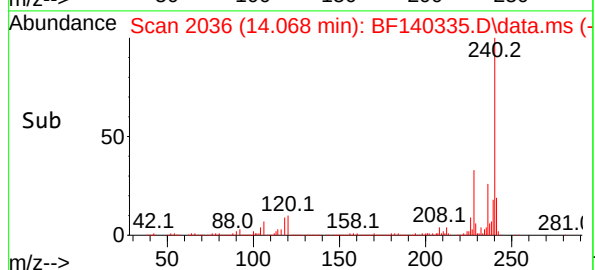
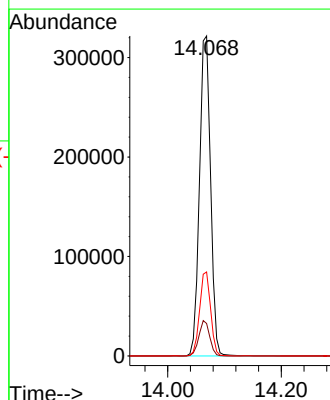
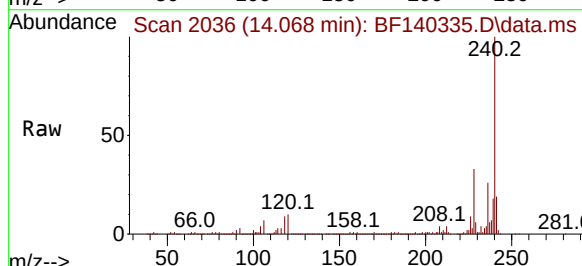
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

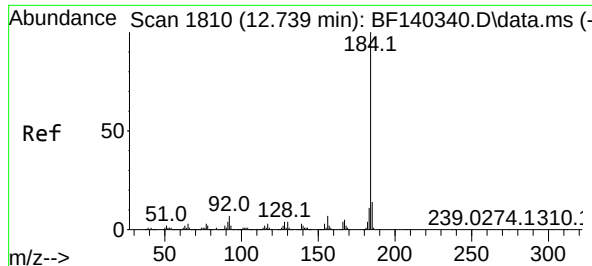
Tgt Ion:202 Resp: 702671
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:240 Resp: 437725
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 26.2 20.9 31.3

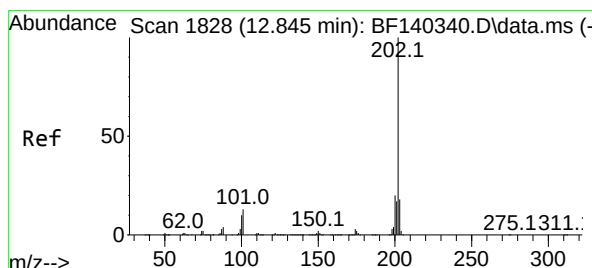
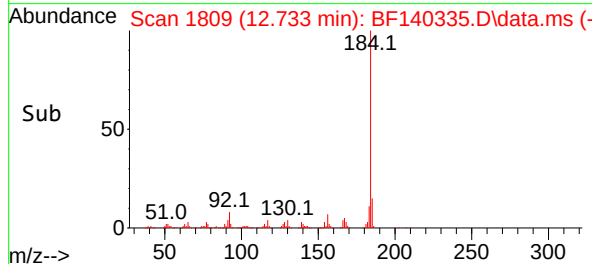
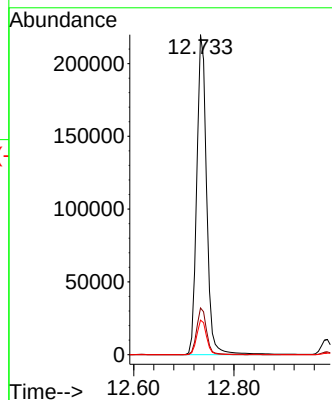
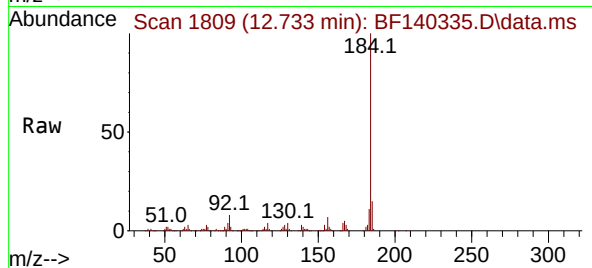




#77
Benzidine
Concen: 17.823 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

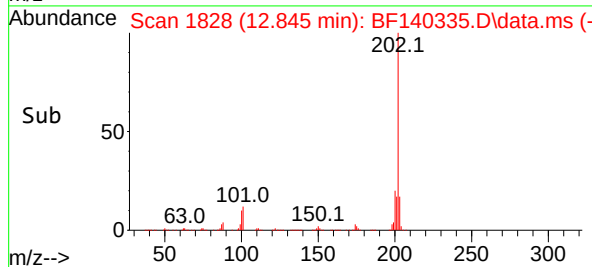
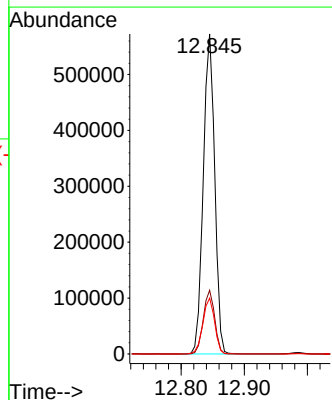
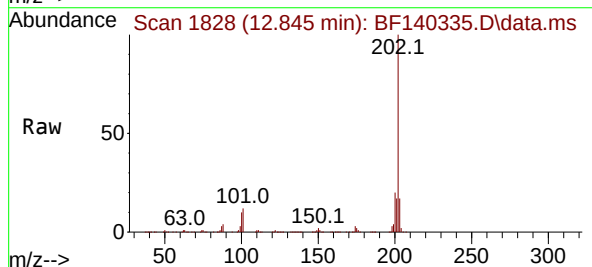
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

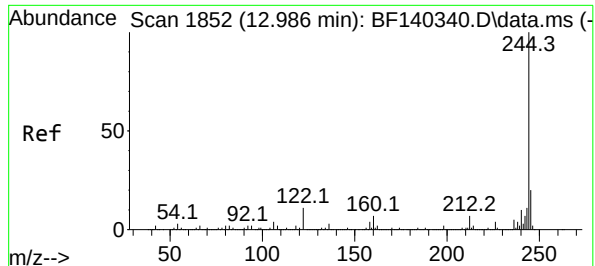
Tgt Ion:184 Resp: 299422
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 10.8 8.6 13.0



#78
Pyrene
Concen: 19.212 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:202 Resp: 719319
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 38.464 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140335.D

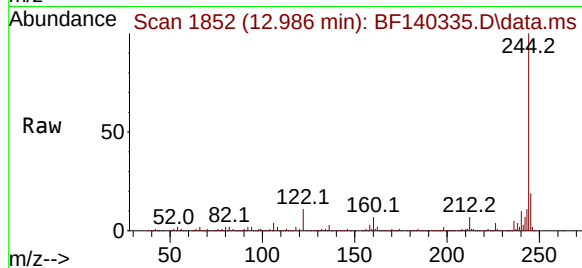
Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



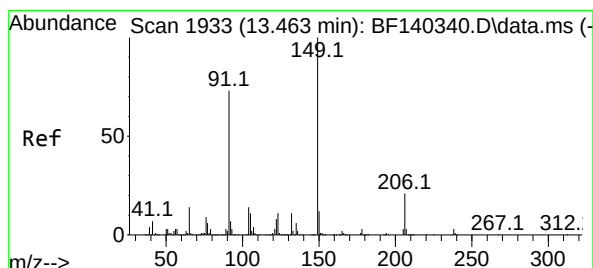
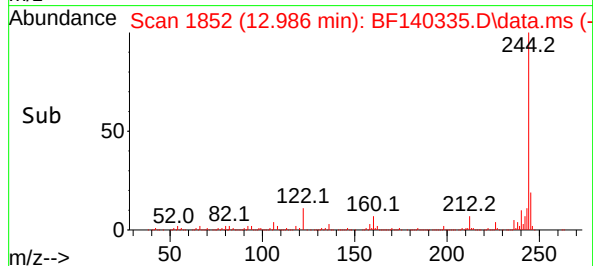
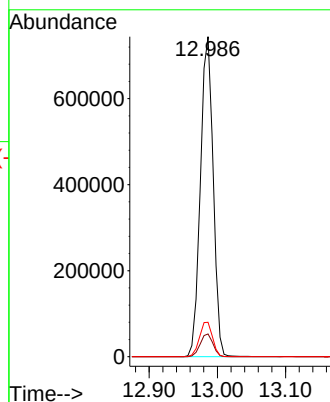
Tgt Ion:244 Resp: 969963

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 19.895 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

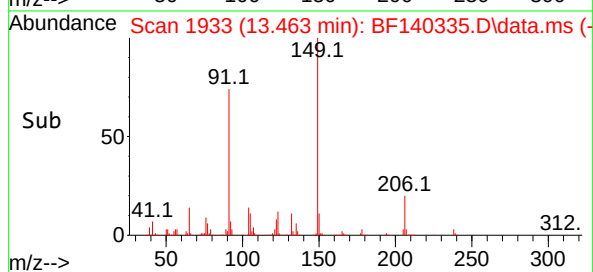
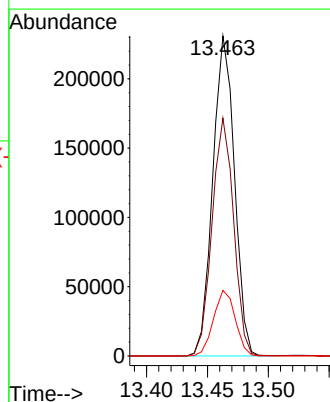
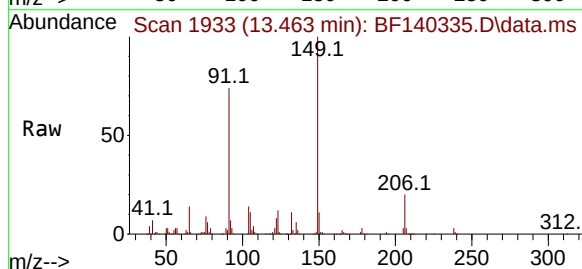
Tgt Ion:149 Resp: 286162

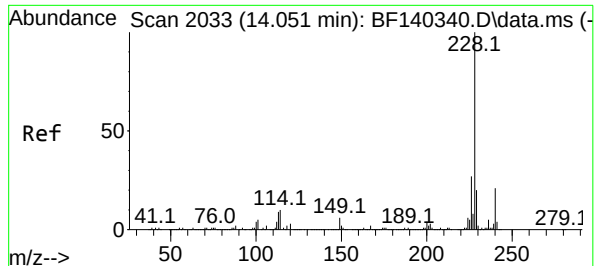
Ion Ratio Lower Upper

149 100

91 74.3 61.0 91.4

206 20.5 16.1 24.1

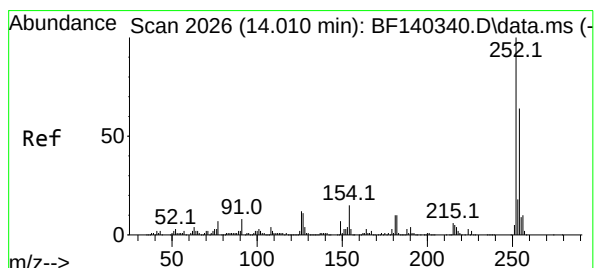
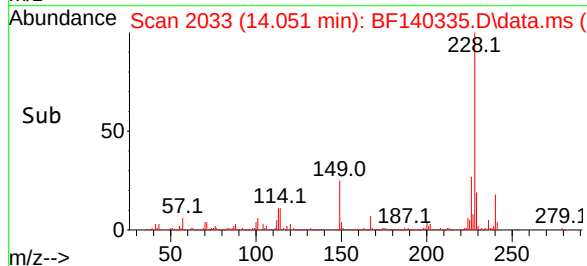
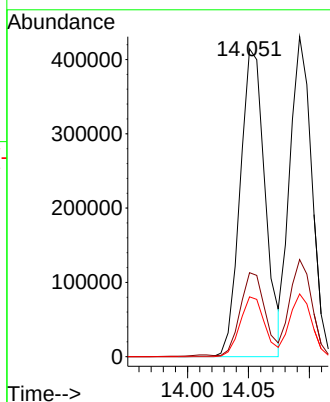
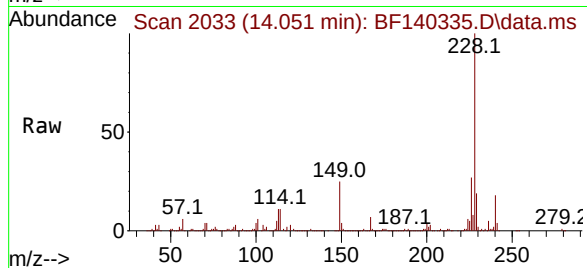




#81
Benzo(a)anthracene
Concen: 20.560 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

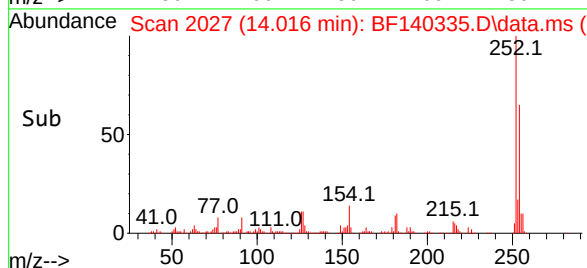
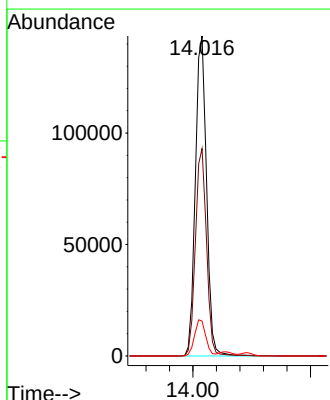
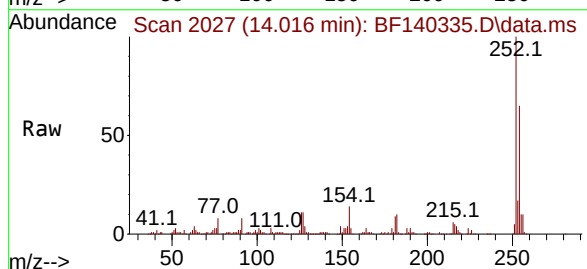
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

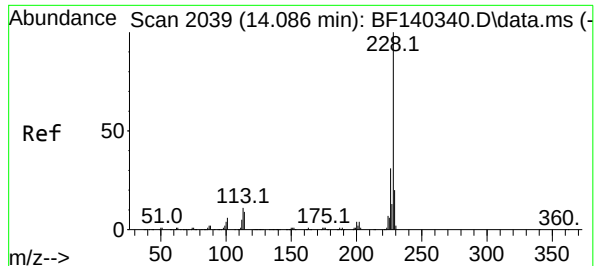
Tgt Ion:228 Resp: 591480
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 20.720 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.018 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:252 Resp: 189466
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 10.9 9.4 14.0

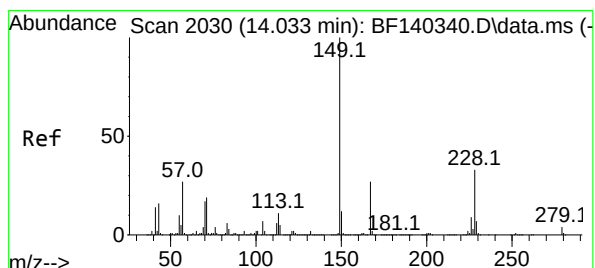
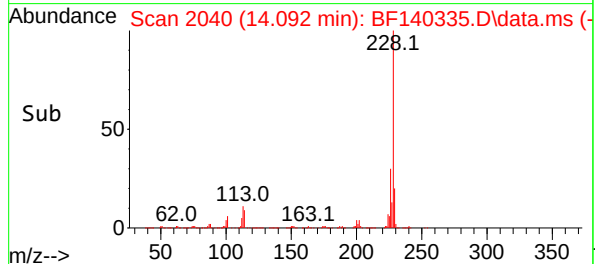
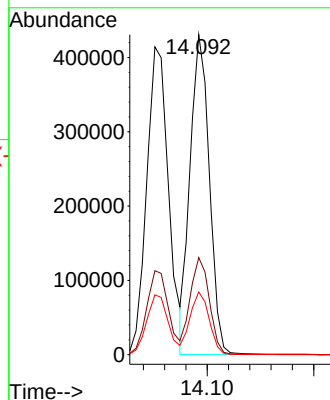
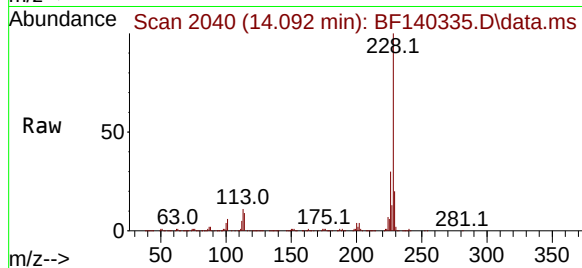




#83
Chrysene
Concen: 20.589 ng
RT: 14.092 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

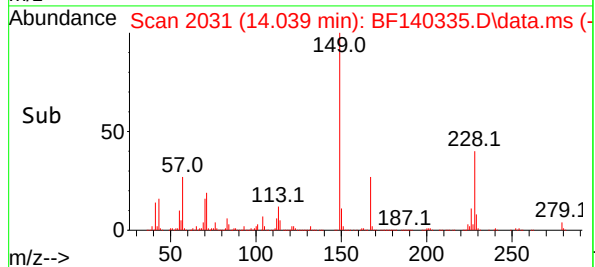
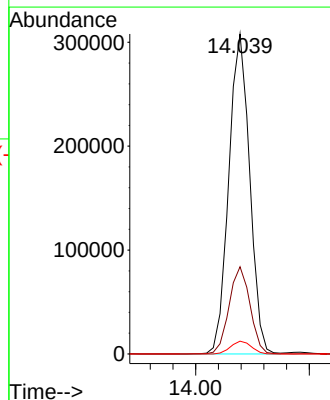
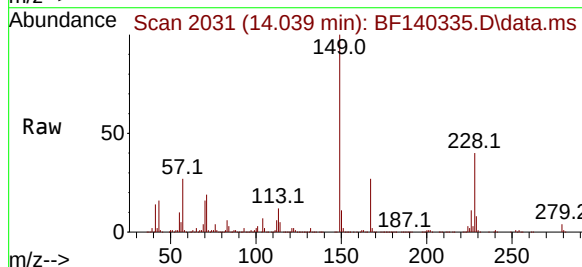
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

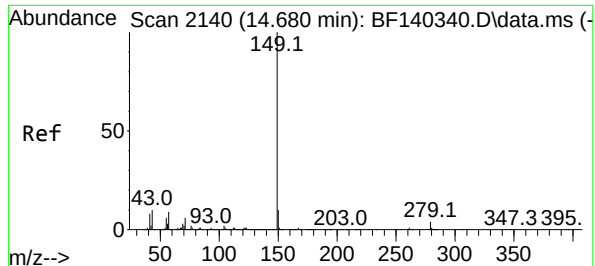
Tgt Ion:228 Resp: 540430
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.462 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.018 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:149 Resp: 392830
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 4.0 3.0 4.6

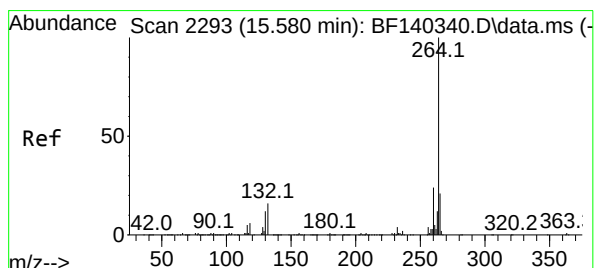
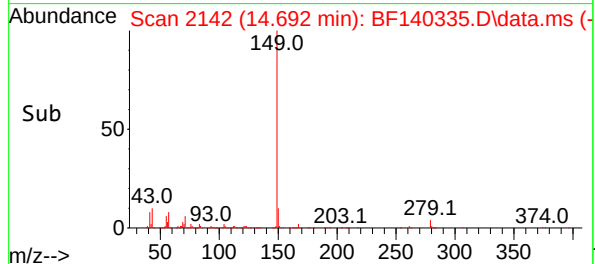
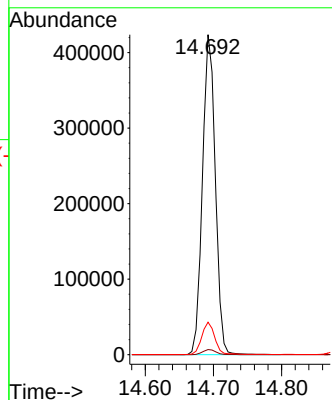
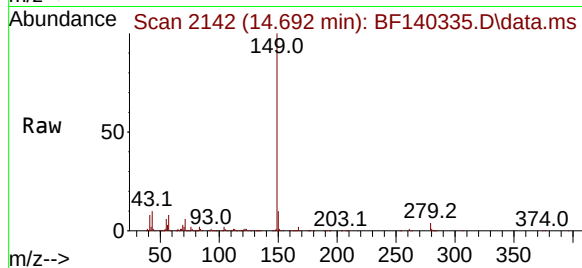




#85
Di-n-octyl phthalate
Concen: 20.567 ng
RT: 14.692 min Scan# 2140
Delta R.T. 0.029 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

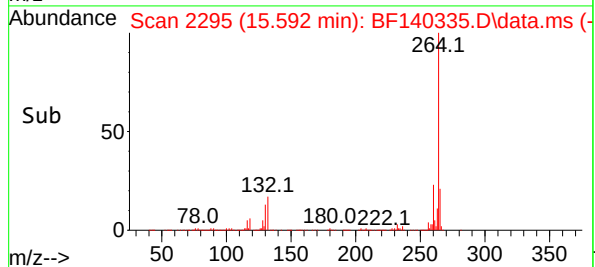
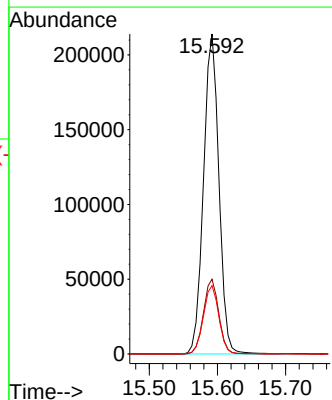
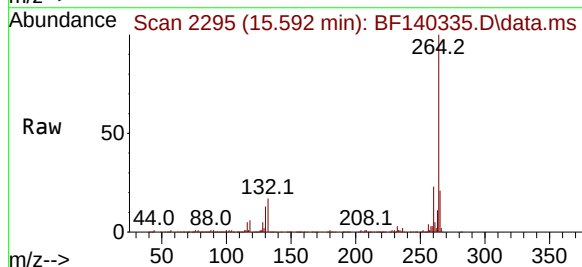
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

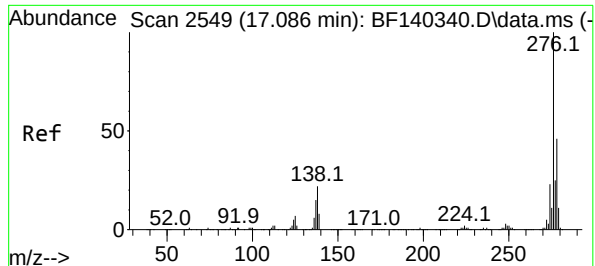
Tgt Ion:149 Resp: 556097
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.2 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2295
Delta R.T. 0.035 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:264 Resp: 335998
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.415 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

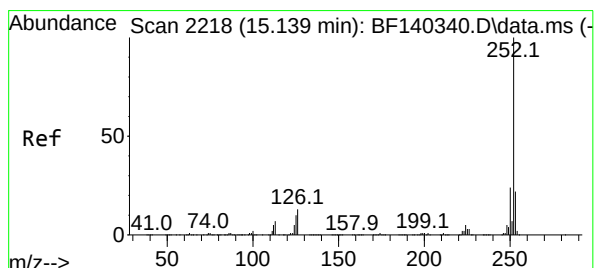
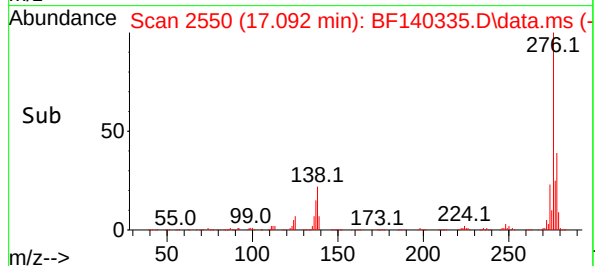
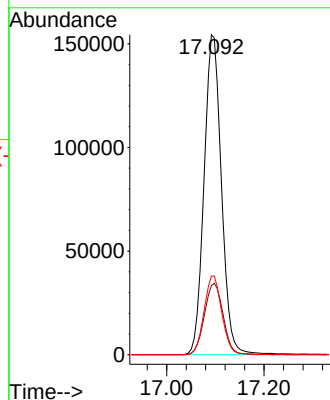
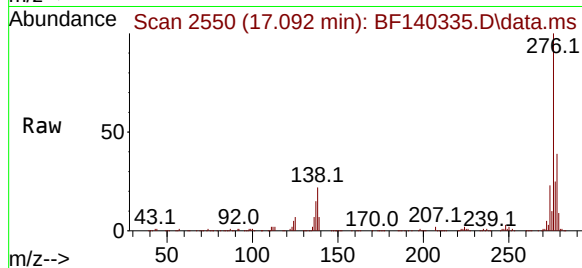
Tgt Ion:276 Resp: 382218

Ion Ratio Lower Upper

276 100

138 24.0 18.8 28.2

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 22.491 ng

RT: 15.151 min Scan# 2220

Delta R.T. 0.035 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

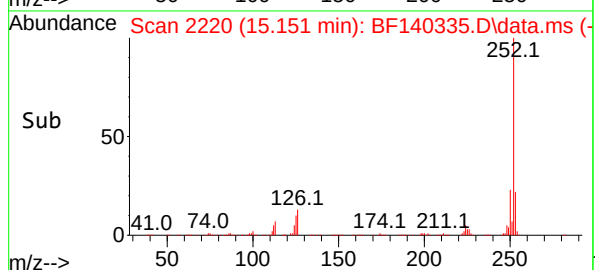
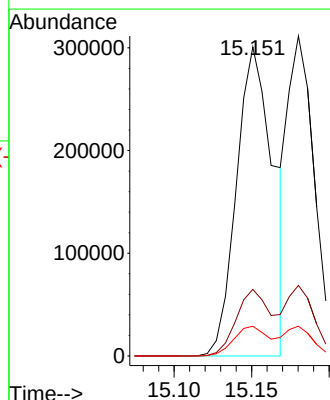
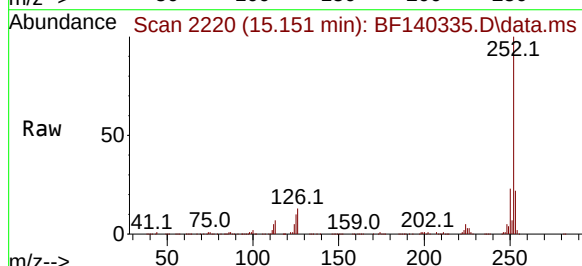
Tgt Ion:252 Resp: 494335

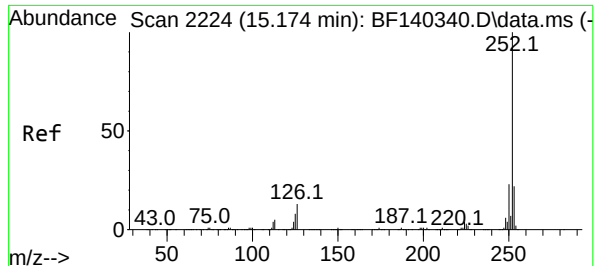
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 20.964 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

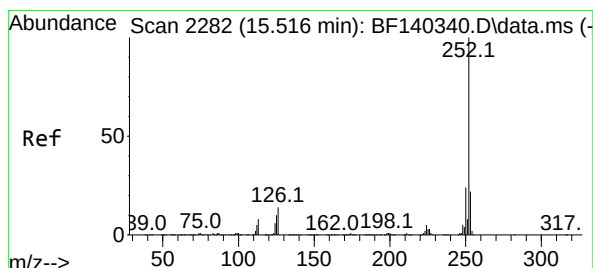
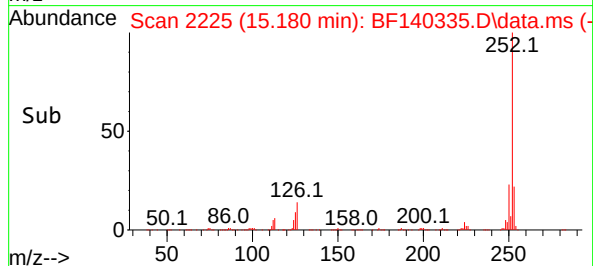
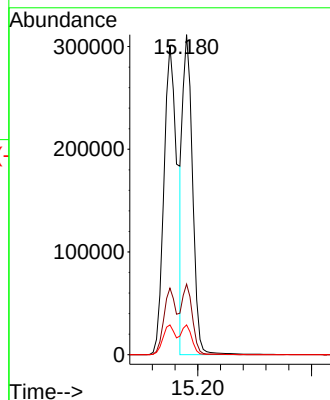
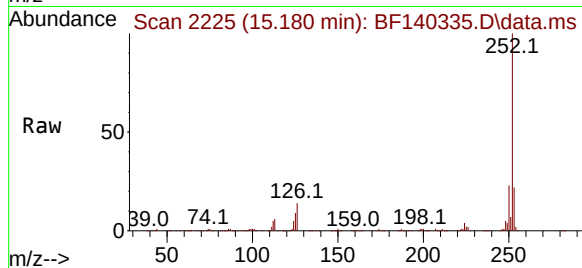
Tgt Ion:252 Resp: 376428

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 20.757 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.035 min

Lab File: BF140335.D

Acq: 13 Nov 2024 10:29

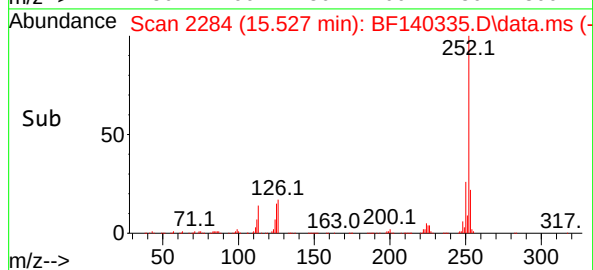
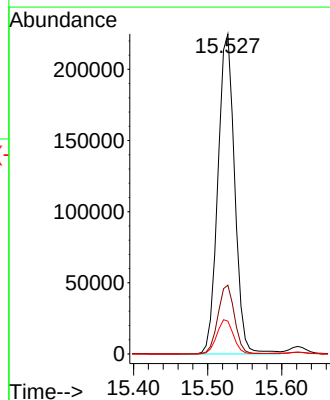
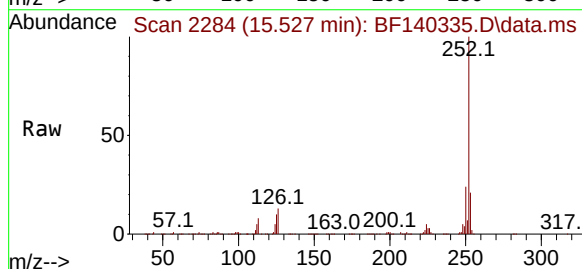
Tgt Ion:252 Resp: 354286

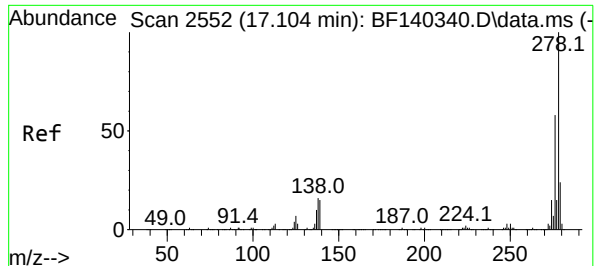
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 10.2 8.4 12.6

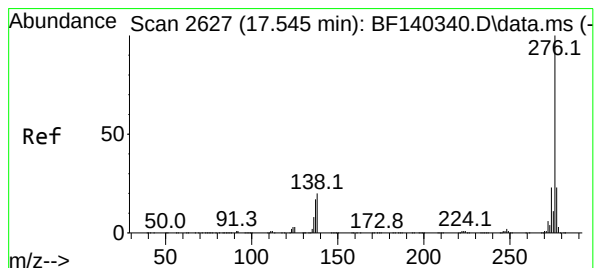
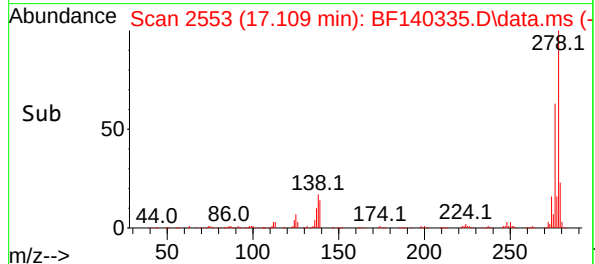
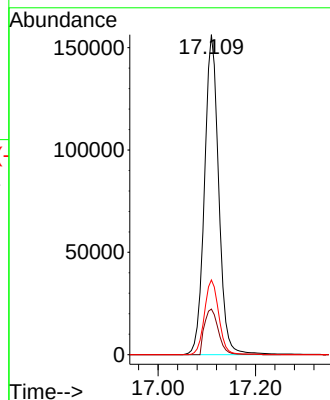
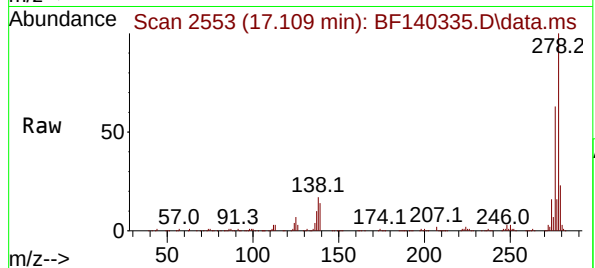




#91
Dibenzo(a,h)anthracene
Concen: 18.485 ng
RT: 17.109 min Scan# 2553
Delta R.T. 0.035 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

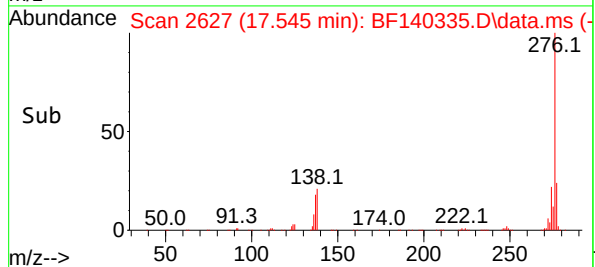
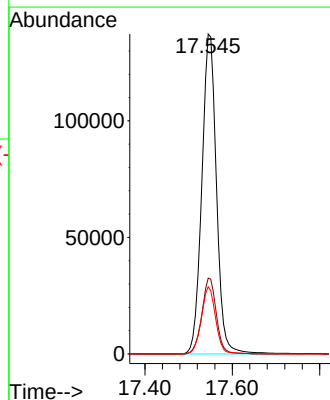
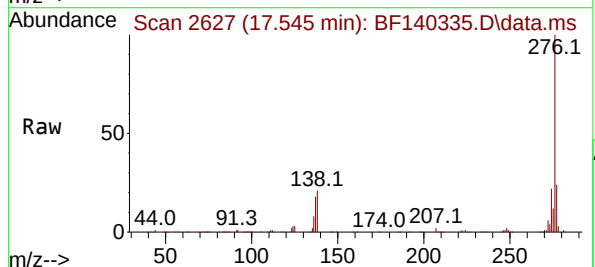
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 317133
Ion Ratio Lower Upper
278 100
139 14.2 11.8 17.8
279 23.4 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 18.281 ng
RT: 17.545 min Scan# 2627
Delta R.T. 0.029 min
Lab File: BF140335.D
Acq: 13 Nov 2024 10:29

Tgt Ion:276 Resp: 320648
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 21.0 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140337.D
Acq On : 13 Nov 2024 11:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 13 14:26:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	173750	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	645813	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	355715	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	673585	20.000	ng	0.00
76) Chrysene-d12	14.057	240	373903	20.000	ng	0.00
86) Perylene-d12	15.563	264	343764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	946604	93.020	ng	0.00
7) Phenol-d6	6.510	99	1288691	93.469	ng	0.00
23) Nitrobenzene-d5	7.445	82	1188653	95.898	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	339834	96.071	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2000974	90.428	ng	0.00
79) Terphenyl-d14	12.992	244	2129859	98.876	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	215224	47.452	ng	99
3) Pyridine	3.410	79	516550	46.326	ng	99
4) n-Nitrosodimethylamine	3.375	42	279565	49.608	ng	97
6) Aniline	6.545	93	550294	45.882	ng	99
8) 2-Chlorophenol	6.669	128	510922	46.739	ng	98
9) Benzaldehyde	6.434	77	359475	43.503	ng	99
10) Phenol	6.528	94	687077	47.255	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	533018	48.382	ng	98
12) 1,3-Dichlorobenzene	6.822	146	560974	46.511	ng	98
13) 1,4-Dichlorobenzene	6.898	146	567404	46.396	ng	99
14) 1,2-Dichlorobenzene	7.051	146	526417	46.367	ng	99
15) Benzyl Alcohol	7.022	79	477924	48.113	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	723520	47.546	ng	98
17) 2-Methylphenol	7.128	107	433403	48.196	ng	99
18) Hexachloroethane	7.392	117	217240	48.050	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	383726	46.082	ng	99
20) 3+4-Methylphenols	7.287	107	521407	46.364	ng	92
22) Acetophenone	7.292	105	700174	46.615	ng	98
24) Nitrobenzene	7.463	77	629010	48.740	ng	99
25) Isophorone	7.698	82	1056536	48.095	ng	100
26) 2-Nitrophenol	7.775	139	282885	49.397	ng	96
27) 2,4-Dimethylphenol	7.810	122	356541	48.629	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	642458	47.695	ng	100
29) 2,4-Dichlorophenol	8.016	162	439530	48.507	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	481552	47.735	ng	99
31) Naphthalene	8.181	128	1534595	46.842	ng	99
32) Benzoic acid	7.945	122	347409	53.939	ng	98
33) 4-Chloroaniline	8.234	127	538110	47.230	ng	99
34) Hexachlorobutadiene	8.298	225	304280	47.340	ng	98
35) Caprolactam	8.610	113	147323	48.359	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	482944	48.095	ng	99
37) 2-Methylnaphthalene	8.869	142	985640	46.920	ng	100
38) 1-Methylnaphthalene	8.969	142	951332	46.247	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	466149	47.389	ng	99
41) Hexachlorocyclopentadiene	9.022	237	138691	54.914	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	320277	49.613	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140337.D
Acq On : 13 Nov 2024 11:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

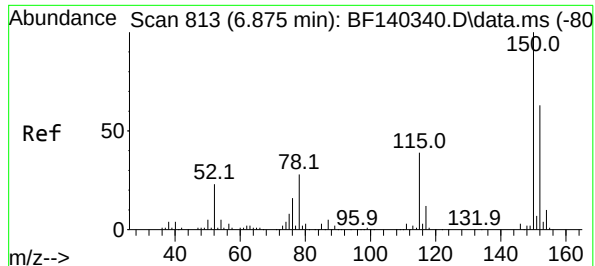
Quant Time: Nov 13 14:26:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	344237	48.773	ng	98
46) 1,1'-Biphenyl	9.334	154	1216913	47.025	ng	99
47) 2-Chloronaphthalene	9.363	162	945855	47.981	ng	99
48) 2-Nitroaniline	9.457	65	324847	49.689	ng	98
49) Acenaphthylene	9.781	152	1406468	47.156	ng	100
50) Dimethylphthalate	9.639	163	1108191	47.796	ng	100
51) 2,6-Dinitrotoluene	9.704	165	258909	48.982	ng	99
52) Acenaphthene	9.951	154	970618	48.182	ng	99
53) 3-Nitroaniline	9.869	138	272892	49.160	ng	98
54) 2,4-Dinitrophenol	9.975	184	158026	57.974	ng	97
55) Dibenzofuran	10.122	168	1335552	46.833	ng	100
56) 4-Nitrophenol	10.028	139	213518	52.733	ng	99
57) 2,4-Dinitrotoluene	10.104	165	343847	49.427	ng	97
58) Fluorene	10.463	166	1038836	46.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	274144	49.236	ng	99
60) Diethylphthalate	10.333	149	1130922	47.701	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	518480	46.617	ng	98
62) 4-Nitroaniline	10.486	138	280913	49.492	ng	99
63) Azobenzene	10.616	77	1112412	47.487	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	197492	54.495	ng	99
66) n-Nitrosodiphenylamine	10.575	169	910897	46.803	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	321760	47.787	ng	99
68) Hexachlorobenzene	11.016	284	351412	46.386	ng	98
69) Atrazine	11.098	200	261515	44.413	ng	99
70) Pentachlorophenol	11.204	266	220904	54.132	ng	99
71) Phenanthrene	11.428	178	1461484	46.188	ng	100
72) Anthracene	11.480	178	1447653	46.682	ng	100
73) Carbazole	11.633	167	1425182	46.543	ng	100
74) Di-n-butylphthalate	11.963	149	1745220	47.487	ng	100
75) Fluoranthene	12.616	202	1620115	45.637	ng	99
77) Benzidine	12.739	184	693785	48.345	ng	99
78) Pyrene	12.851	202	1615345	50.507	ng	99
80) Butylbenzylphthalate	13.463	149	626234	50.971	ng	97
81) Benzo(a)anthracene	14.045	228	1148657	46.743	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	379732	48.617	ng	99
83) Chrysene	14.086	228	1062734	47.398	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	801820	48.894	ng	100
85) Di-n-octyl phthalate	14.668	149	1109314	48.030	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1130711	53.247	ng	100
88) Benzo(b)fluoranthene	15.127	252	1061367	47.198	ng	100
89) Benzo(k)fluoranthene	15.157	252	818554	44.558	ng	99
90) Benzo(a)pyrene	15.504	252	833765	47.745	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	923159	52.593	ng	99
92) Benzo(g,h,i)perylene	17.533	276	963891	53.714	ng	99

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

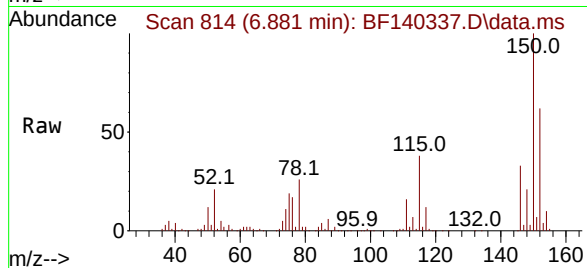
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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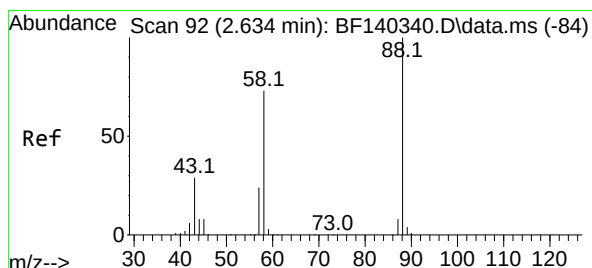
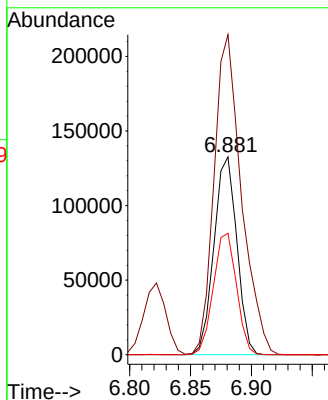
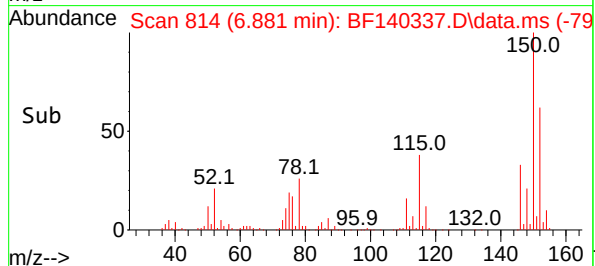


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

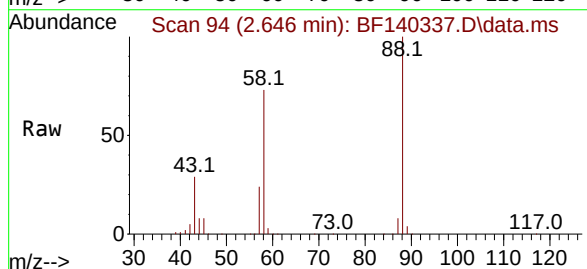
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



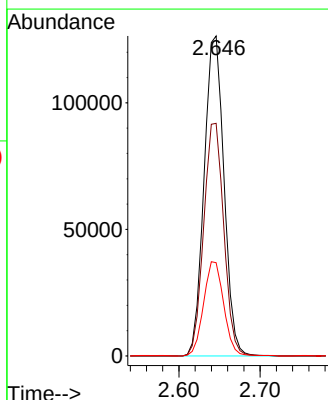
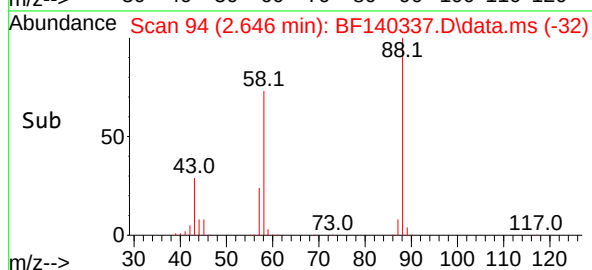
Tgt Ion:152 Resp: 173750
Ion Ratio Lower Upper
152 100
150 161.8 127.4 191.0
115 61.4 47.4 71.2

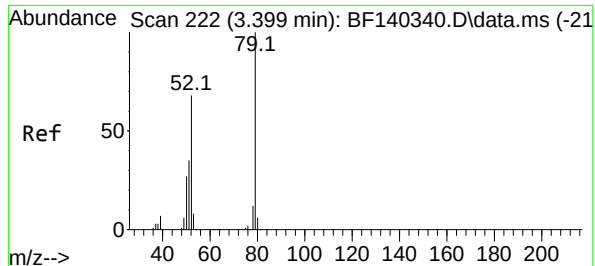


#2
1,4-Dioxane
Concen: 47.452 ng
RT: 2.646 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21



Tgt Ion: 88 Resp: 215224
Ion Ratio Lower Upper
88 100
58 73.3 59.5 89.3
43 29.9 23.4 35.2





#3

Pyridine

Concen: 46.326 ng

RT: 3.410 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

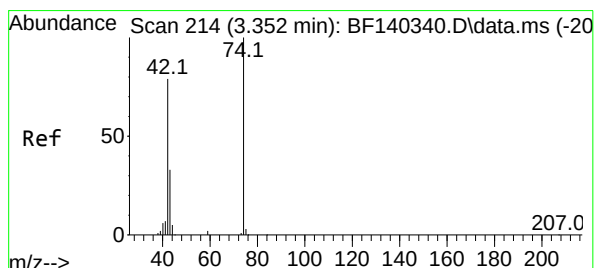
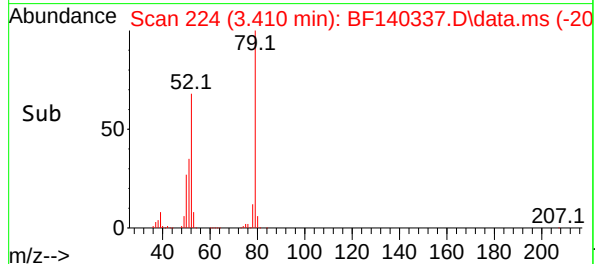
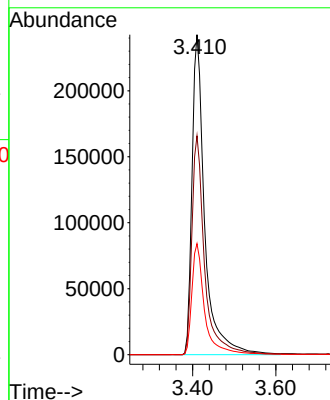
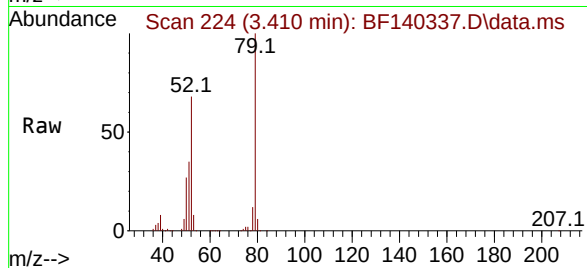
Tgt Ion: 79 Resp: 516550

Ion Ratio Lower Upper

79 100

52 68.4 53.8 80.6

51 34.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 49.608 ng

RT: 3.375 min Scan# 218

Delta R.T. 0.018 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

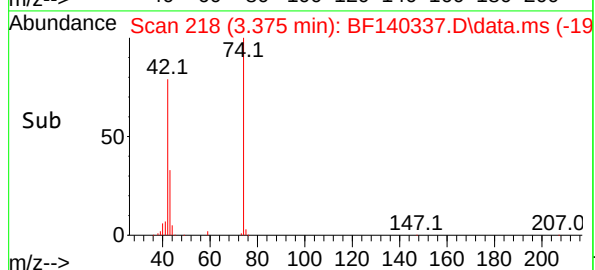
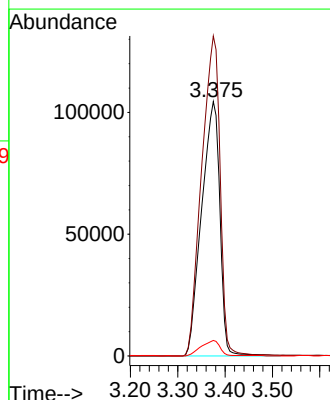
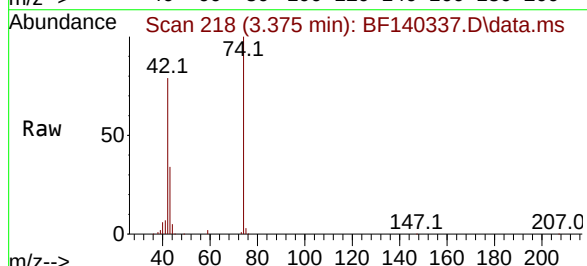
Tgt Ion: 42 Resp: 279565

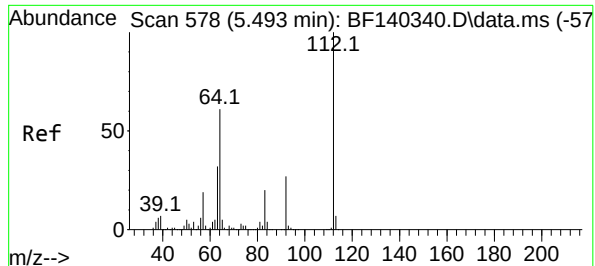
Ion Ratio Lower Upper

42 100

74 125.8 103.5 155.3

44 6.1 5.1 7.7

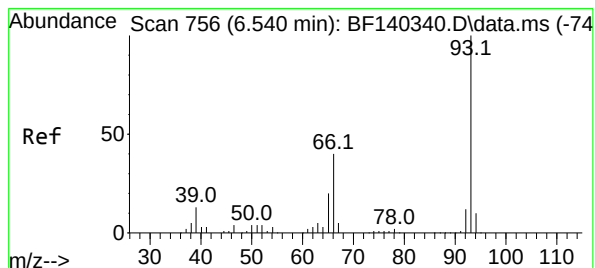
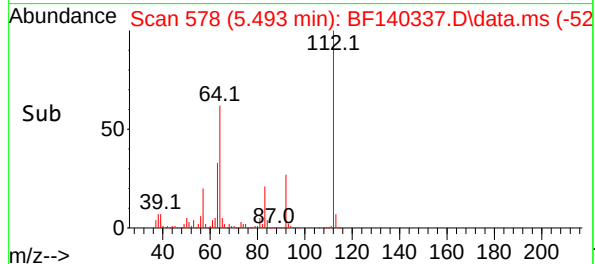
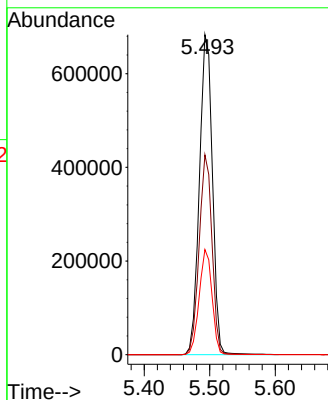
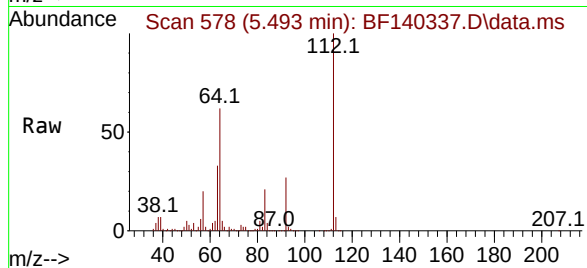




#5
2-Fluorophenol
Concen: 93.020 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

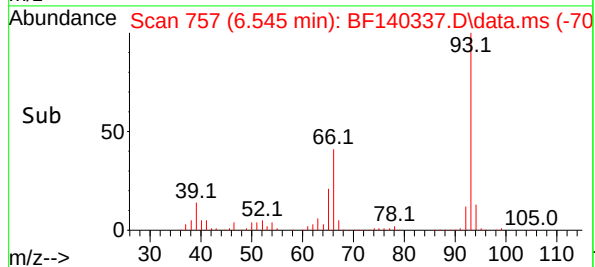
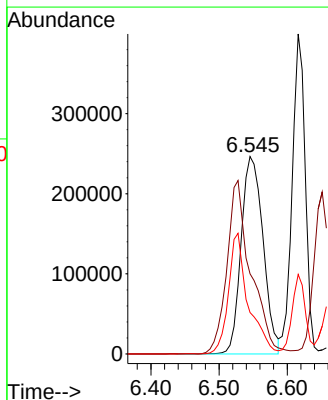
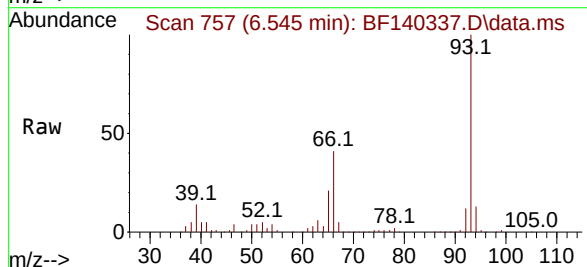
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

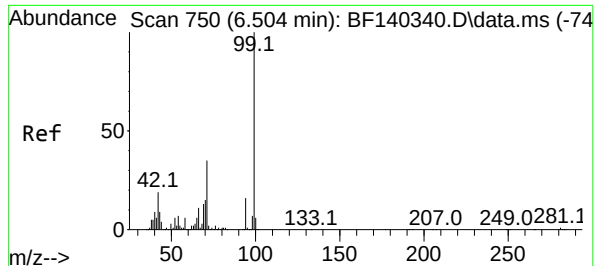
Tgt Ion:112 Resp: 946604
Ion Ratio Lower Upper
112 100
64 62.4 49.2 73.8
63 32.9 25.6 38.4



#6
Aniline
Concen: 45.882 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion: 93 Resp: 550294
Ion Ratio Lower Upper
93 100
66 40.7 32.8 49.2
65 21.0 16.6 25.0

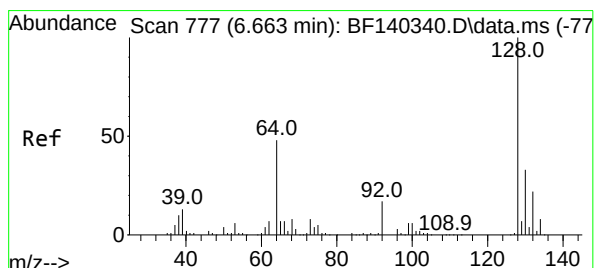
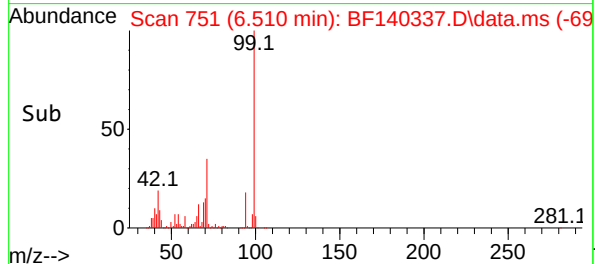
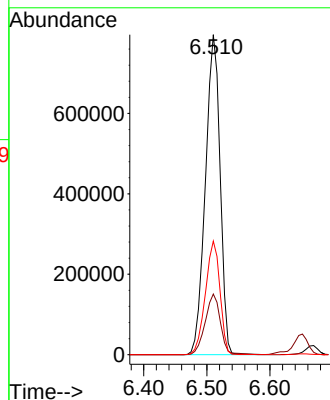
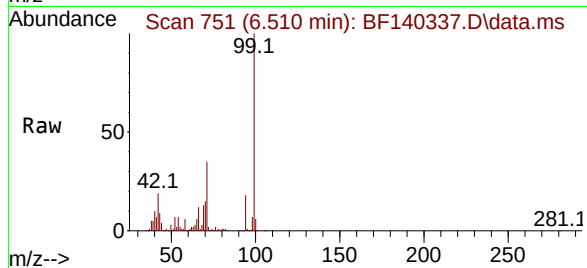




#7
Phenol-d6
Concen: 93.469 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

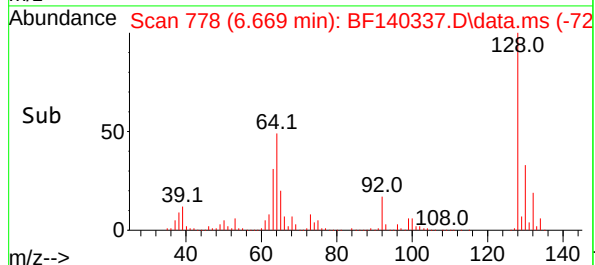
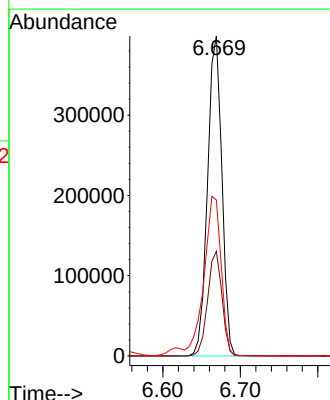
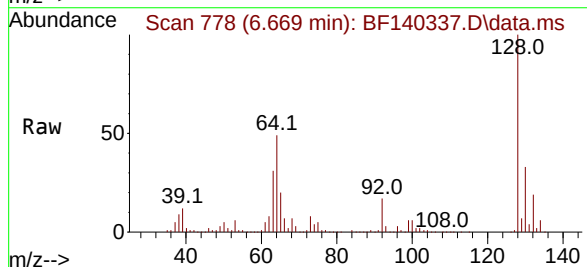
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

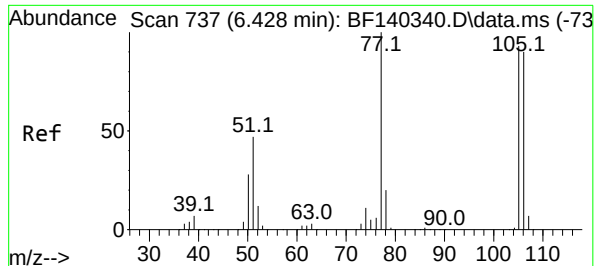
Tgt Ion: 99 Resp: 1288691
Ion Ratio Lower Upper
99 100
42 18.9 15.1 22.7
71 35.5 27.9 41.9



#8
2-Chlorophenol
Concen: 46.739 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion: 128 Resp: 510922
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 48.7 30.2 70.2

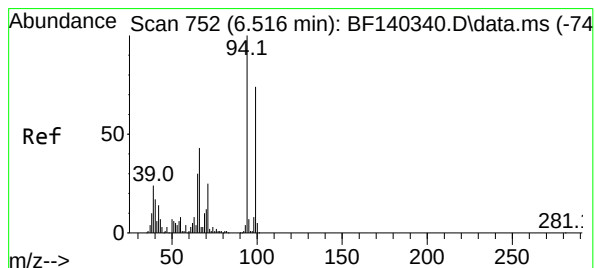
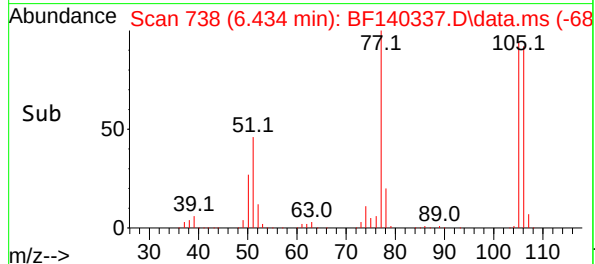
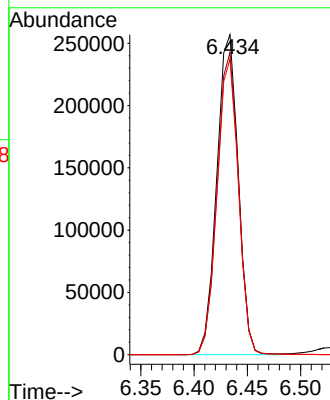
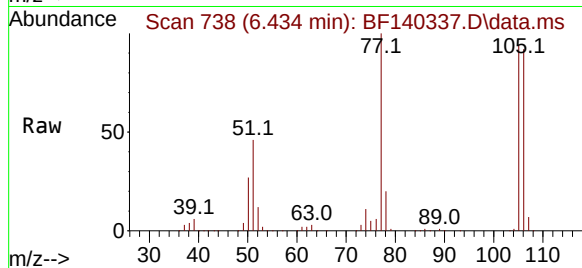




#9
Benzaldehyde
Concen: 43.503 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

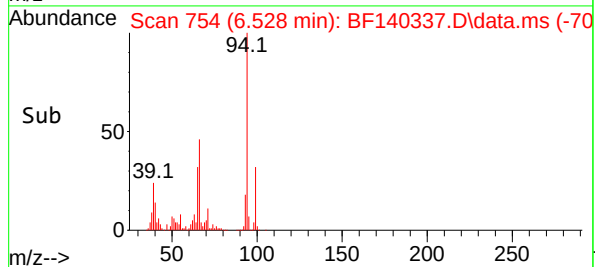
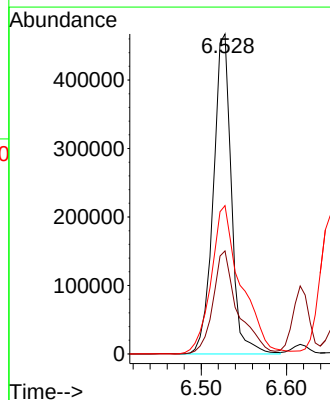
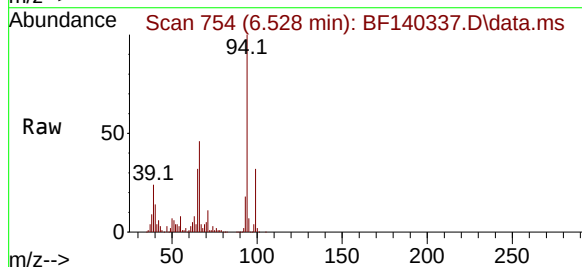
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

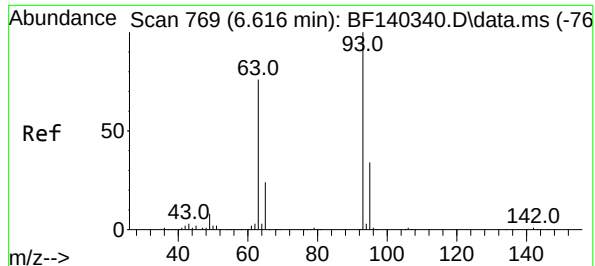
Tgt Ion: 77 Resp: 359475
Ion Ratio Lower Upper
77 100
105 94.4 74.4 114.4
106 92.4 69.9 109.9



#10
Phenol
Concen: 47.255 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion: 94 Resp: 687077
Ion Ratio Lower Upper
94 100
65 32.2 10.4 50.4
66 46.3 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 48.382 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

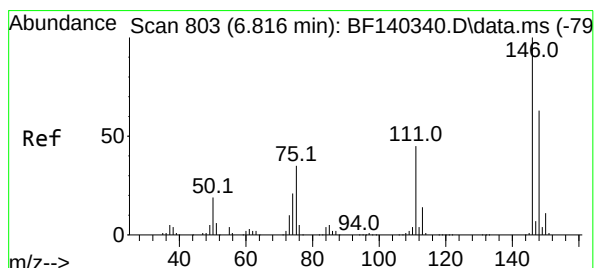
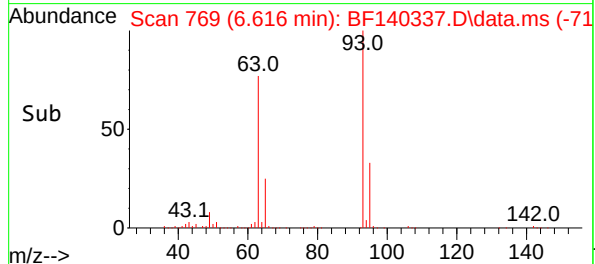
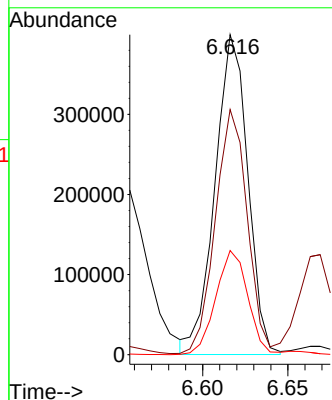
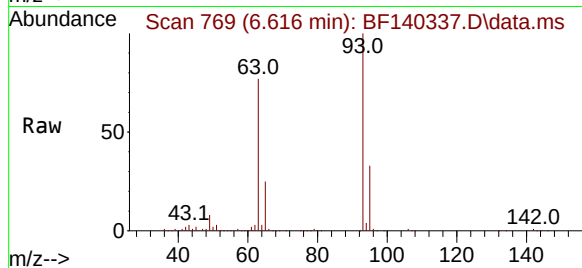
Tgt Ion: 93 Resp: 533018

Ion Ratio Lower Upper

93 100

63 76.6 54.0 94.0

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.511 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

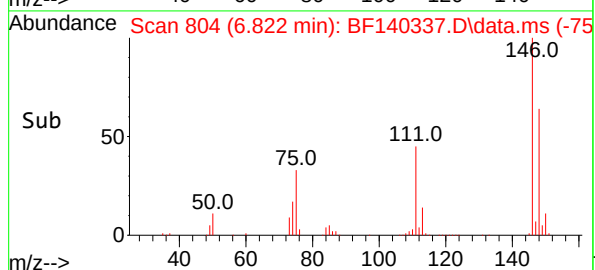
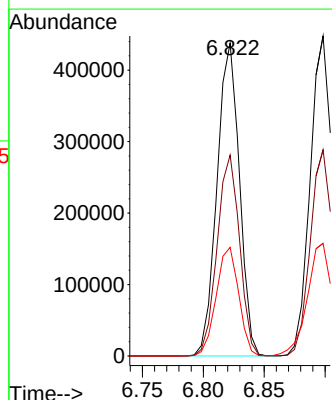
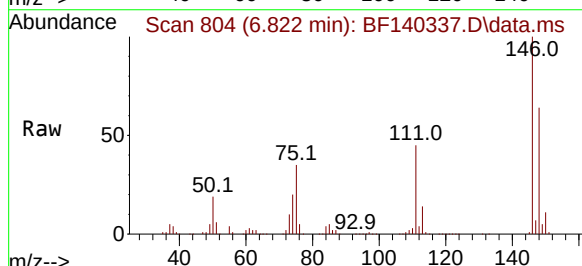
Tgt Ion:146 Resp: 560974

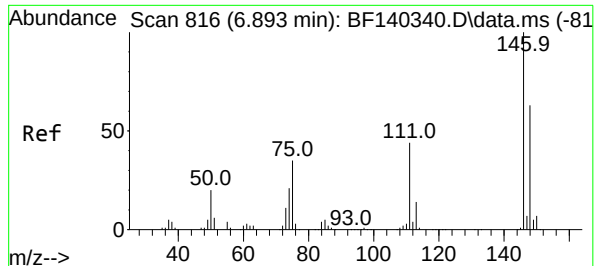
Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

75 34.7 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 46.396 ng

RT: 6.898 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

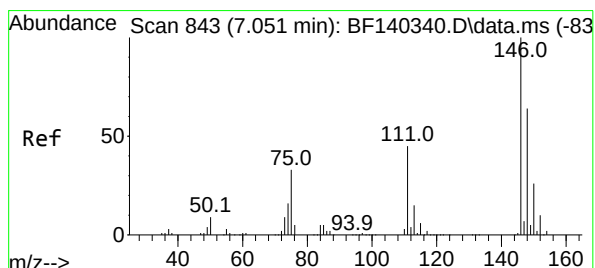
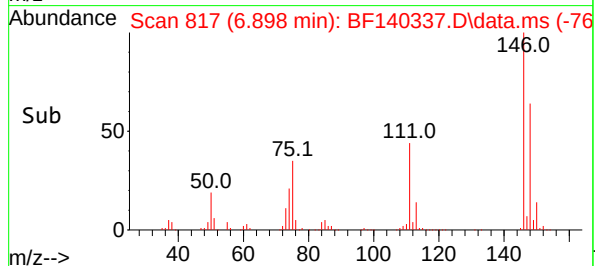
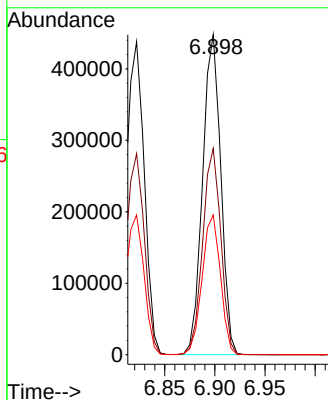
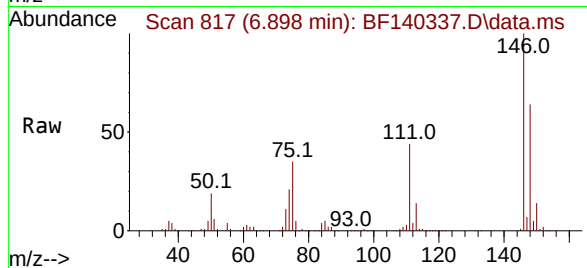
Tgt Ion:146 Resp: 567404

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

111 43.7 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 46.367 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

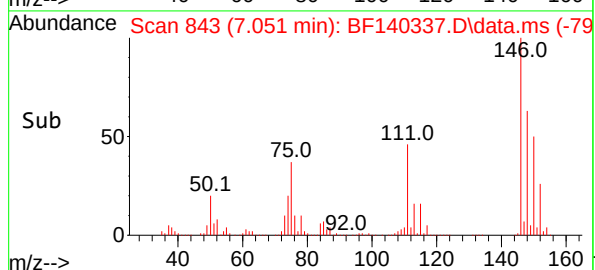
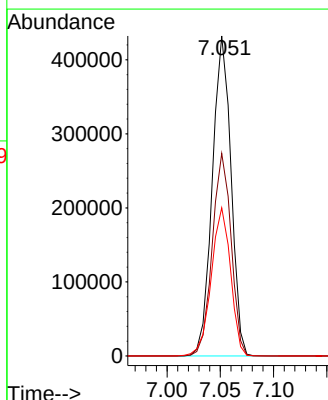
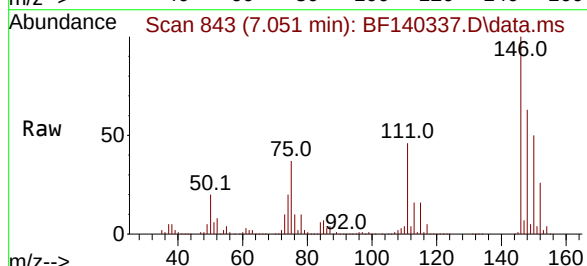
Tgt Ion:146 Resp: 526417

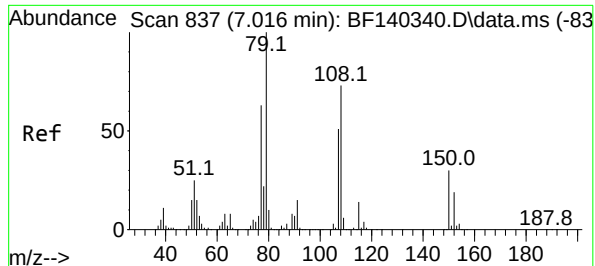
Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

111 46.3 36.5 54.7

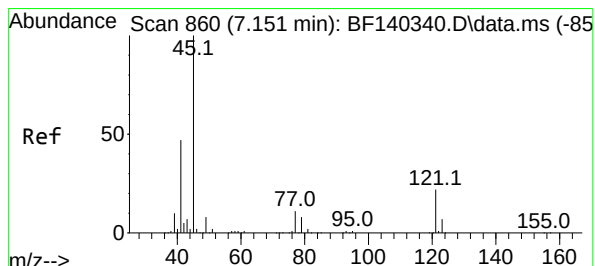
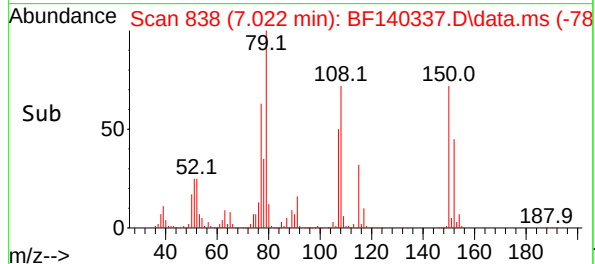
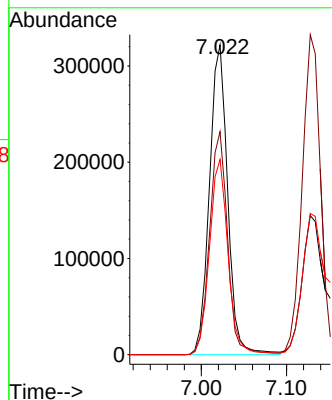
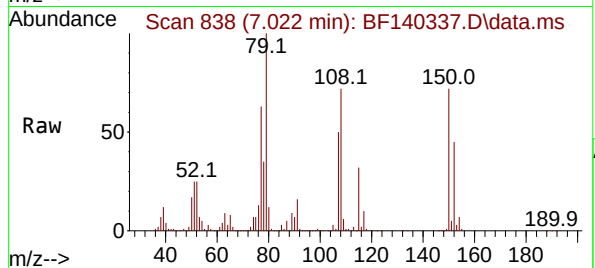




#15
Benzyl Alcohol
Concen: 48.113 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

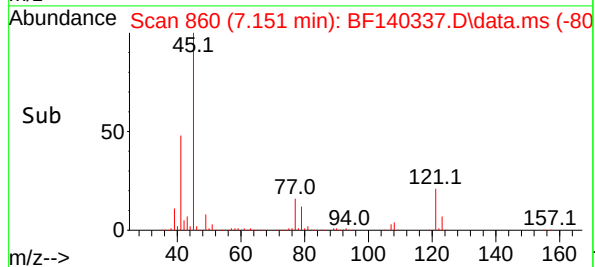
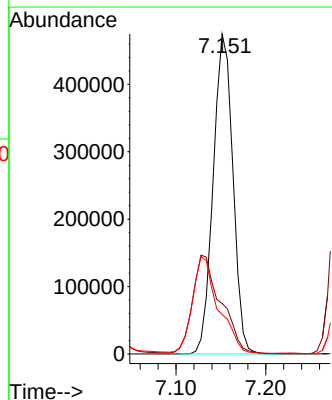
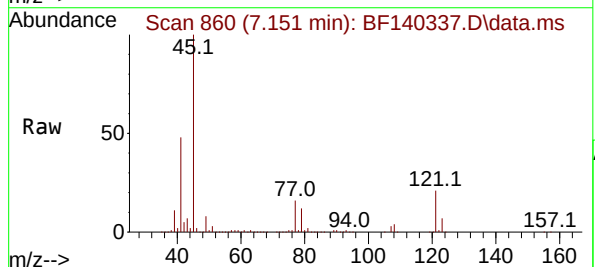
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

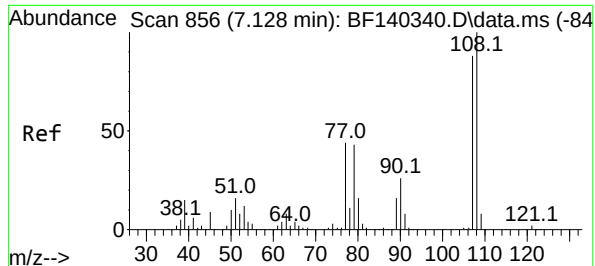
Tgt Ion: 79 Resp: 477924
Ion Ratio Lower Upper
79 100
108 72.0 57.8 86.6
77 63.0 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.546 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion: 45 Resp: 723520
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.8
79 12.3 0.0 31.4





#17

2-Methylphenol

Concen: 48.196 ng

RT: 7.128 min Scan# 856

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 433403

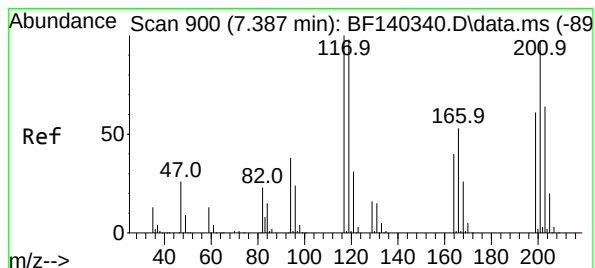
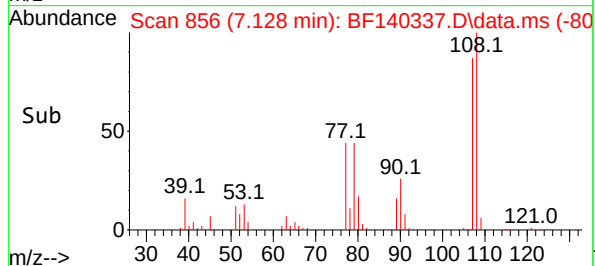
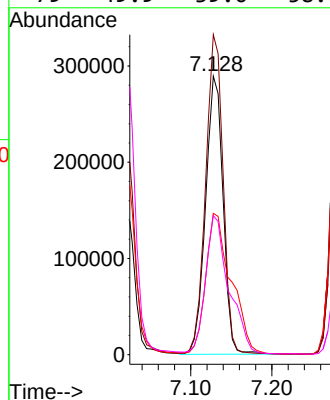
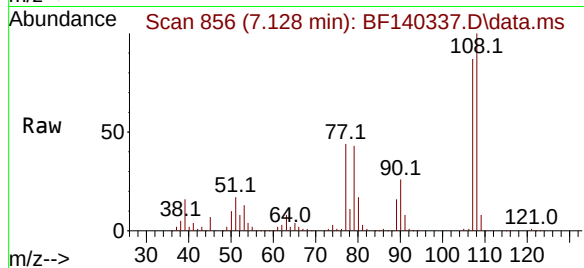
Ion Ratio Lower Upper

107 100

108 114.9 91.9 137.9

77 50.7 39.7 59.5

79 49.9 39.0 58.6



#18

Hexachloroethane

Concen: 48.050 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

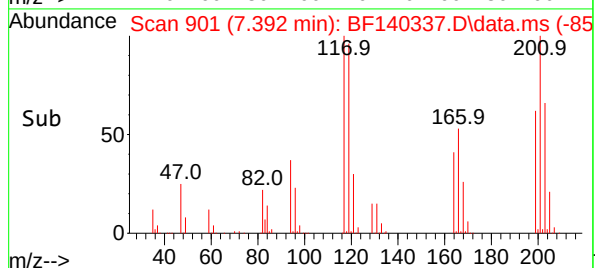
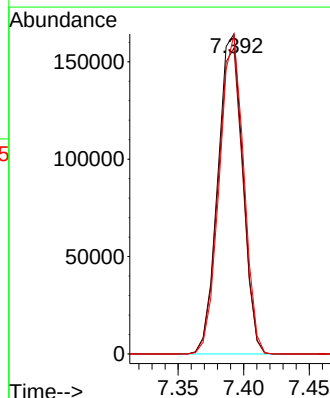
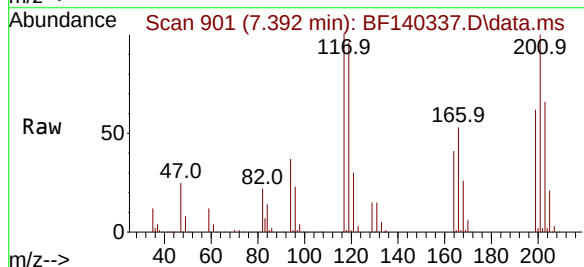
Tgt Ion:117 Resp: 217240

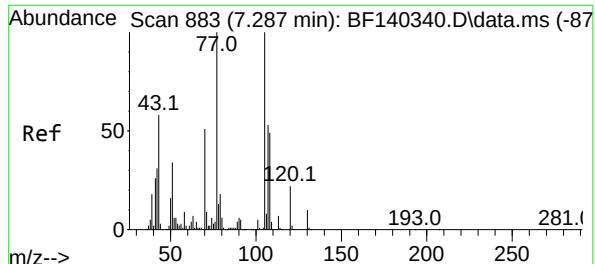
Ion Ratio Lower Upper

117 100

119 95.6 76.9 115.3

201 99.7 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 46.082 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.006 min

Lab File: BF140337.D

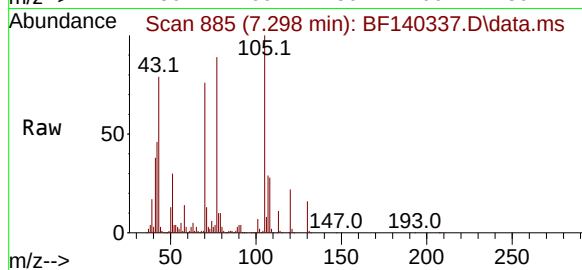
Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 383726

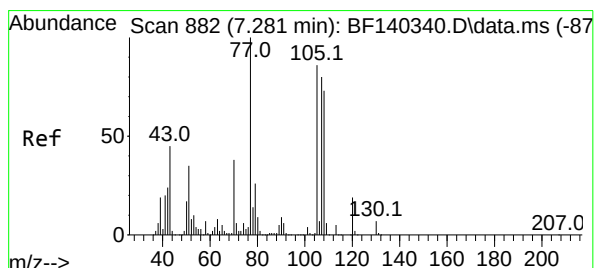
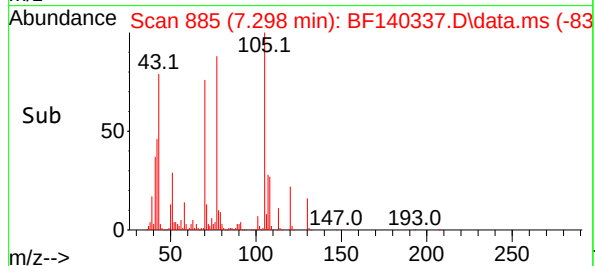
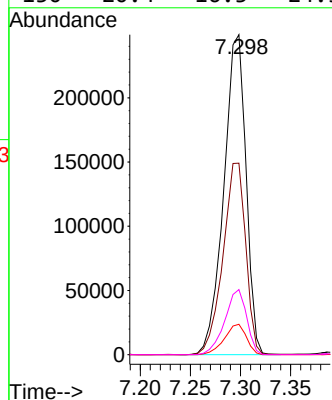
Ion Ratio Lower Upper

70 100

42 59.9 46.8 70.2

101 9.5 7.5 11.3

130 20.4 16.3 24.5



#20

3+4-Methylphenols

Concen: 46.364 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Tgt Ion: 107 Resp: 521407

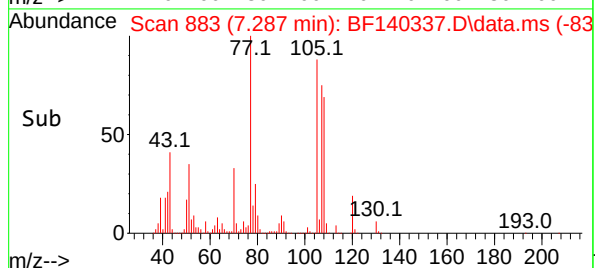
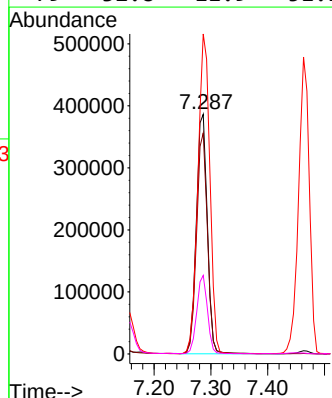
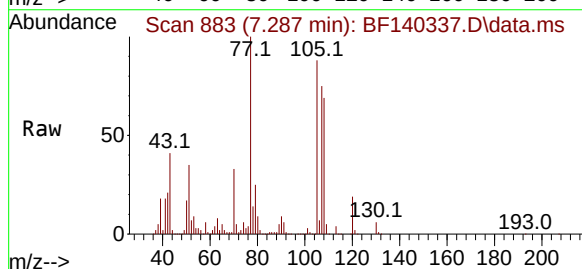
Ion Ratio Lower Upper

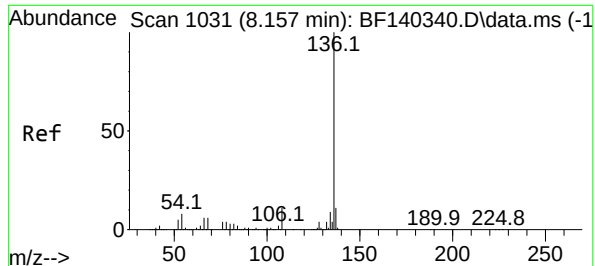
107 100

108 92.2 71.4 111.4

77 133.5 97.0 137.0

79 32.8 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 645813

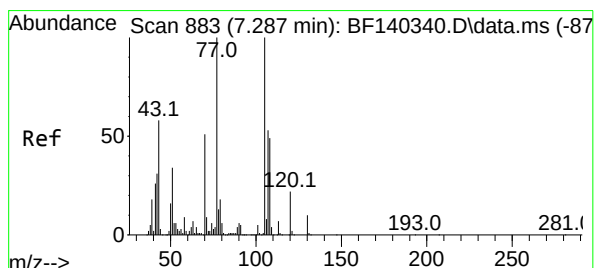
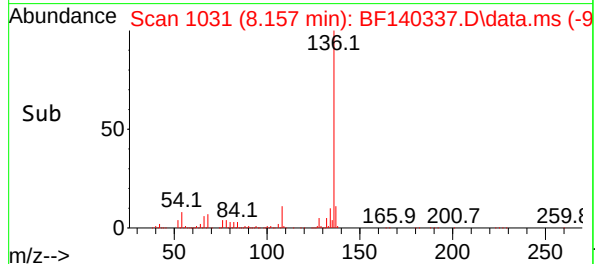
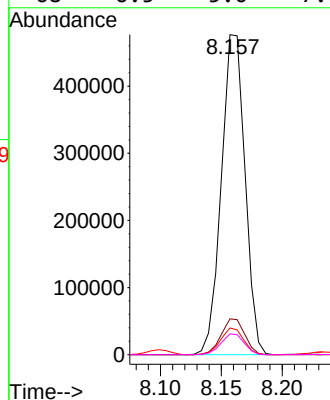
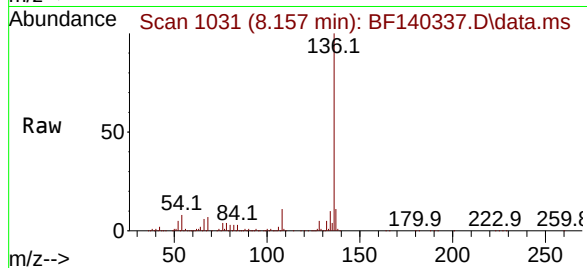
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.3 6.5 9.7

68 6.5 5.0 7.6



#22

Acetophenone

Concen: 46.615 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Tgt Ion:105 Resp: 700174

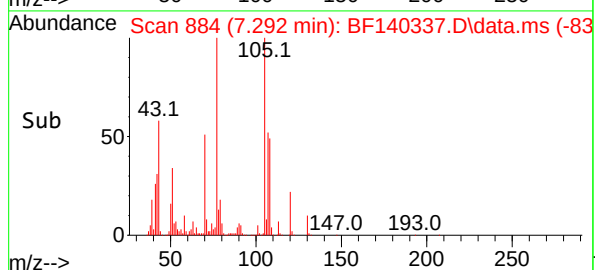
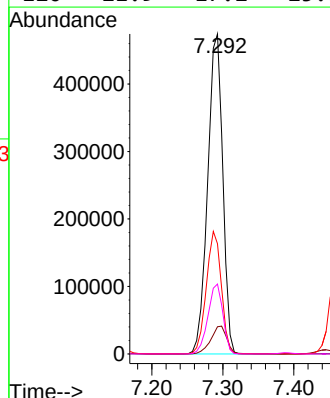
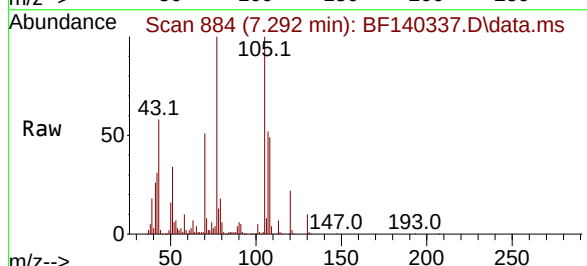
Ion Ratio Lower Upper

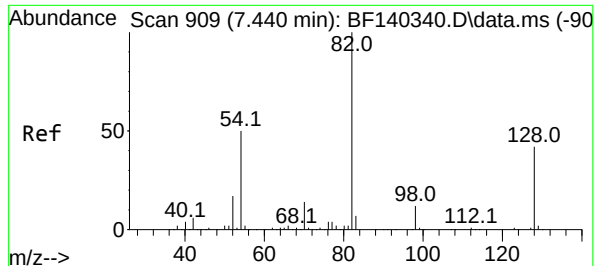
105 100

71 8.5 6.9 10.3

51 34.4 28.6 43.0

120 21.9 17.2 25.8





#23

Nitrobenzene-d5

Concen: 95.898 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

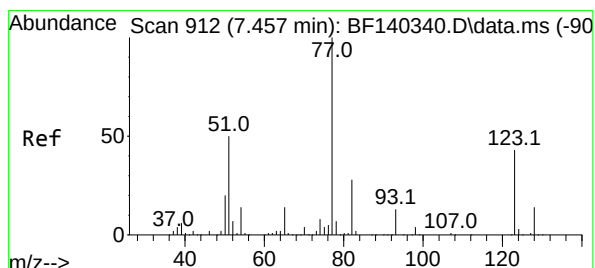
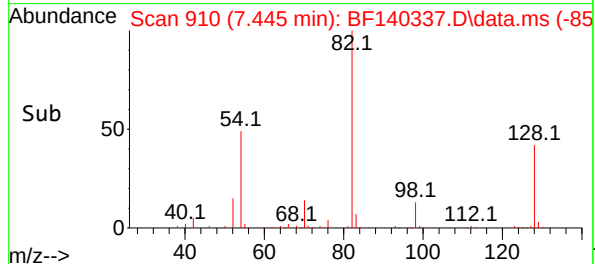
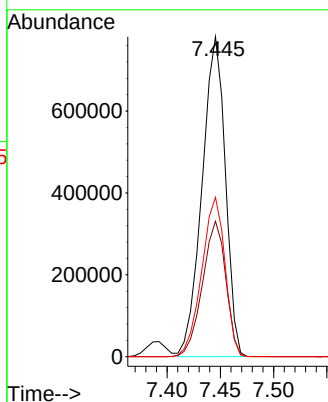
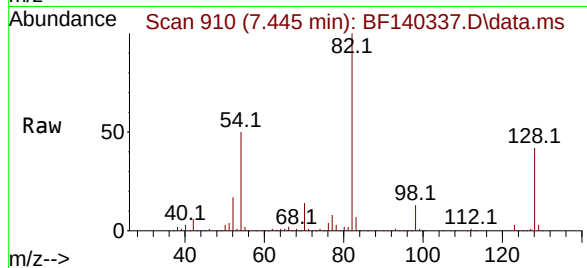
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1188653

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	49.8	39.8	59.8



#24

Nitrobenzene

Concen: 48.740 ng

RT: 7.463 min Scan# 913

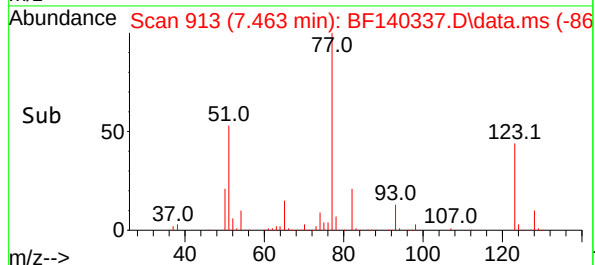
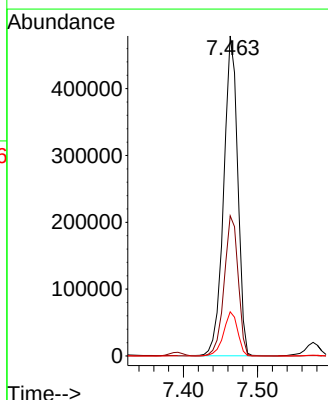
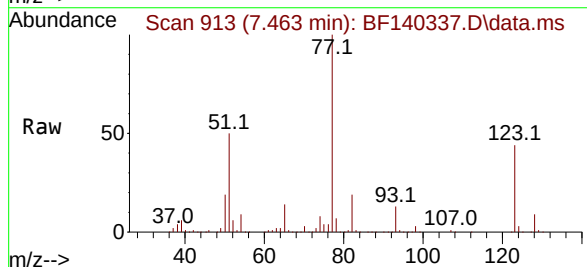
Delta R.T. -0.000 min

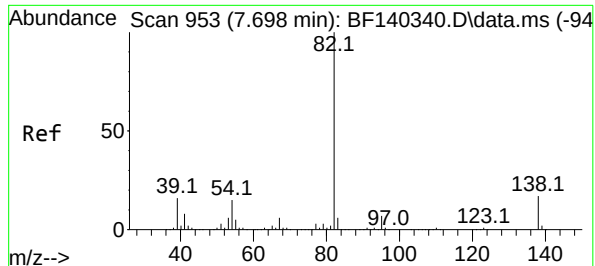
Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Tgt Ion: 77 Resp: 629010

Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.4	53.0
65	13.8	11.1	16.7





#25

Isophorone

Concen: 48.095 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

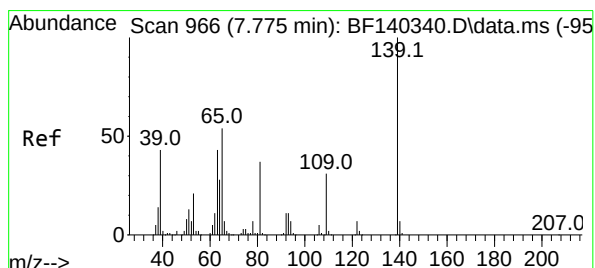
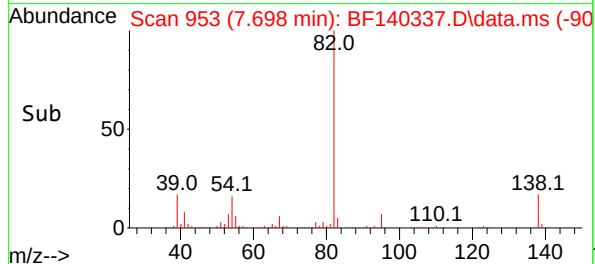
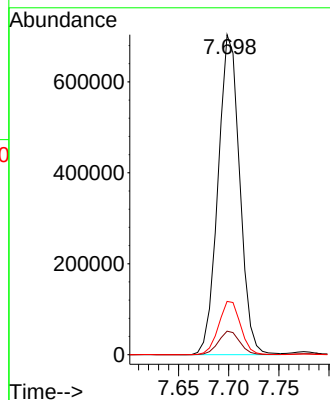
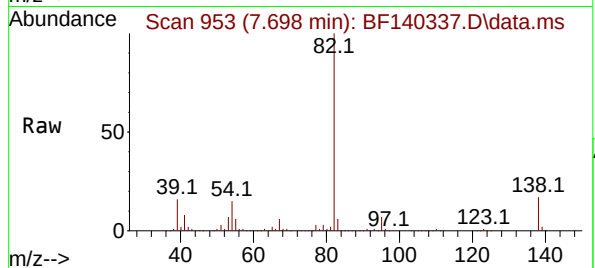
Tgt Ion: 82 Resp: 1056536

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 16.7 13.4 20.2



#26

2-Nitrophenol

Concen: 49.397 ng

RT: 7.775 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

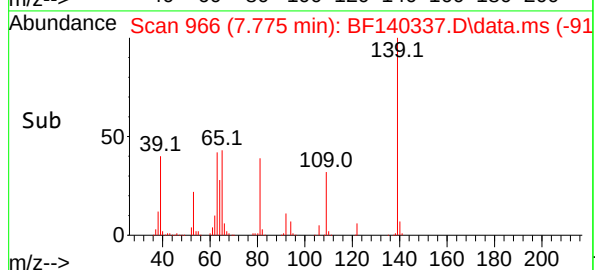
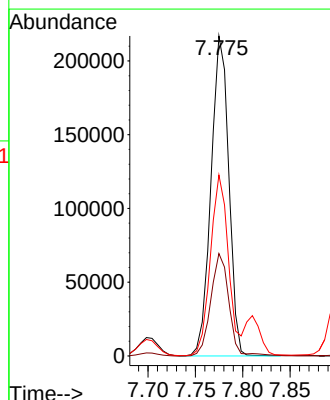
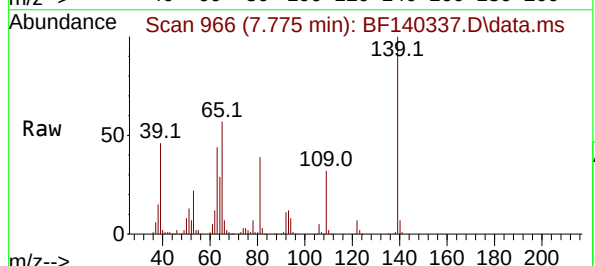
Tgt Ion:139 Resp: 282885

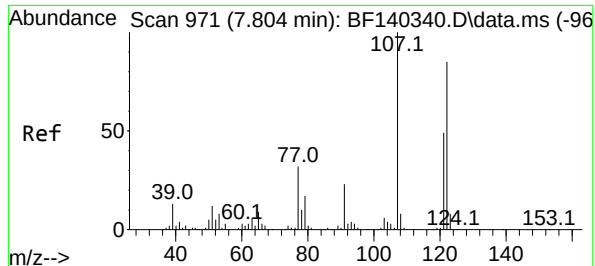
Ion Ratio Lower Upper

139 100

109 32.0 24.4 36.6

65 56.5 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 48.629 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

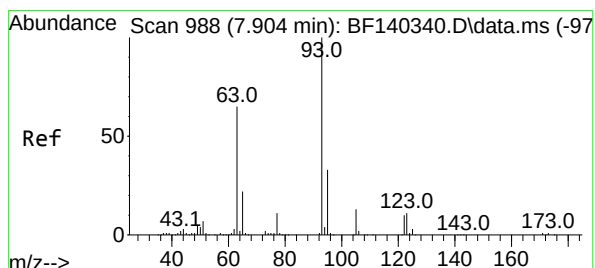
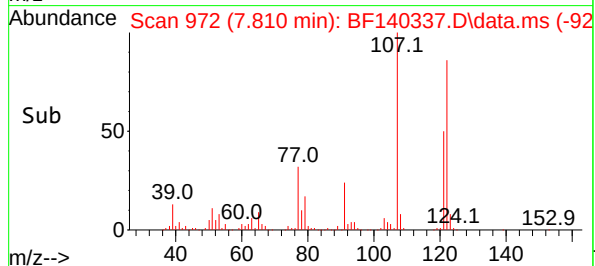
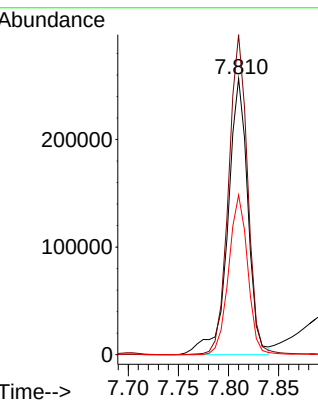
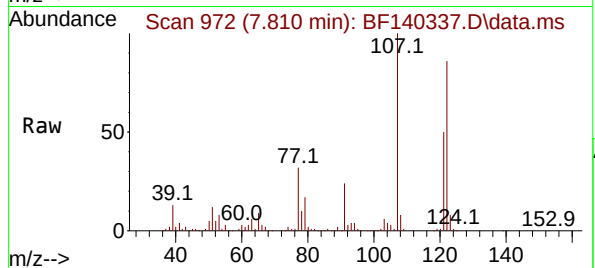
Tgt Ion:122 Resp: 356541

Ion Ratio Lower Upper

122 100

107 115.9 91.3 136.9

121 57.8 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.695 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

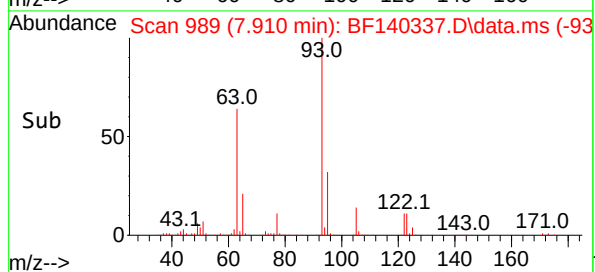
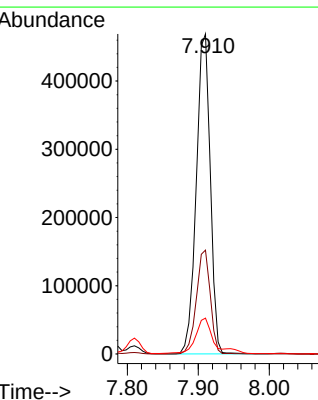
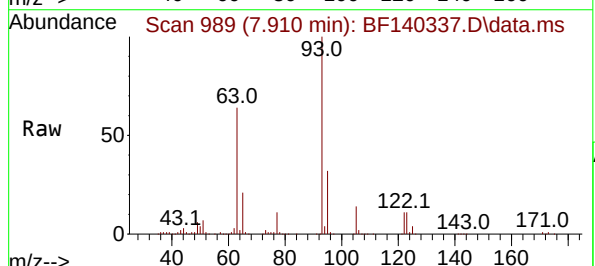
Tgt Ion: 93 Resp: 642458

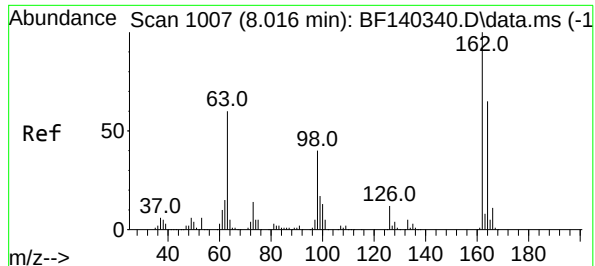
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.507 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

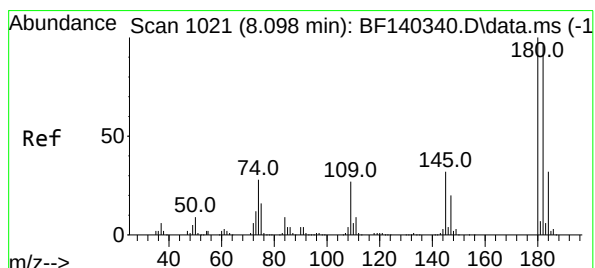
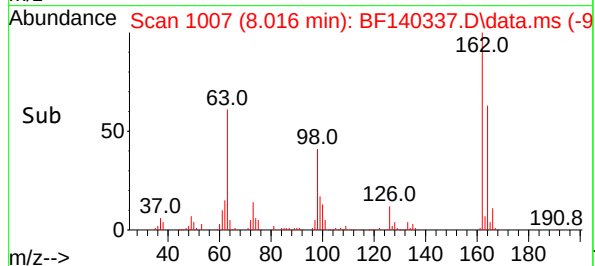
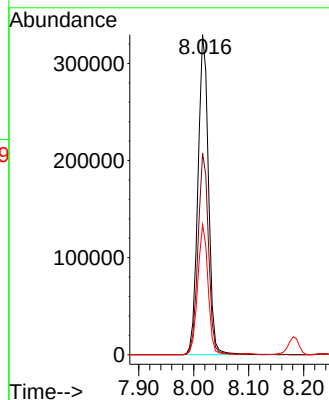
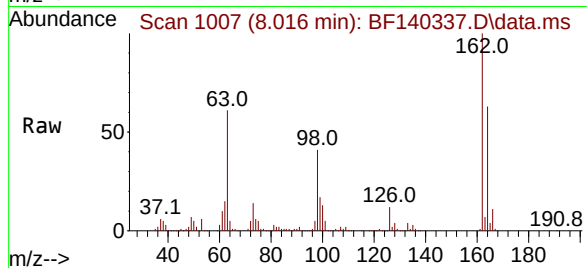
Tgt Ion:162 Resp: 439530

Ion Ratio Lower Upper

162 100

164 62.9 45.4 85.4

98 40.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 47.735 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

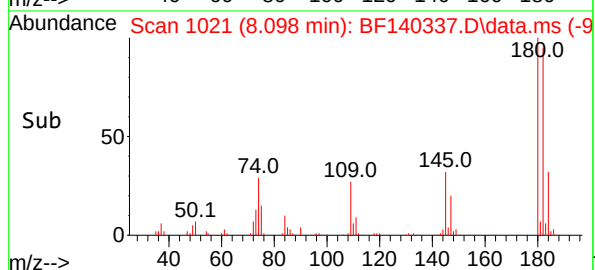
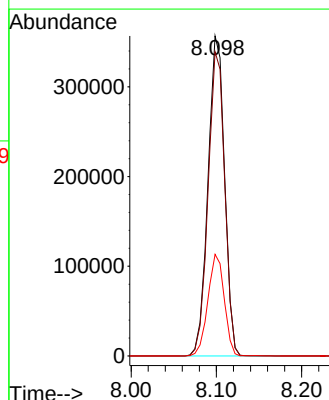
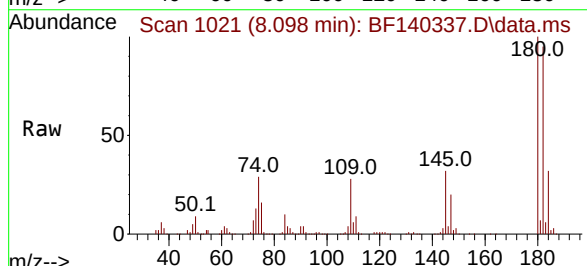
Tgt Ion:180 Resp: 481552

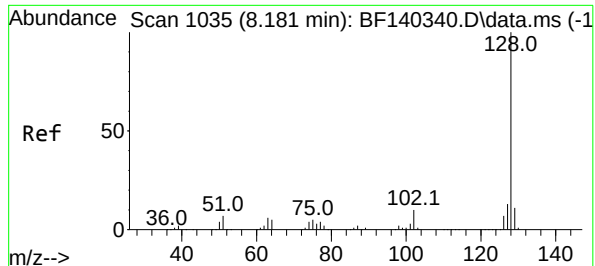
Ion Ratio Lower Upper

180 100

182 95.0 76.5 114.7

145 31.8 25.3 37.9

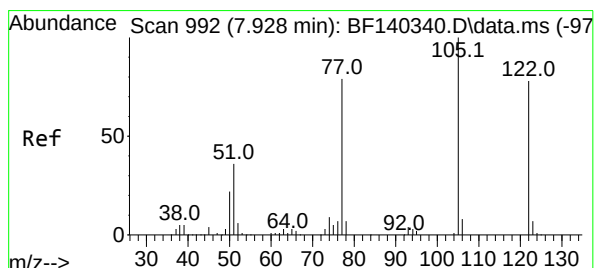
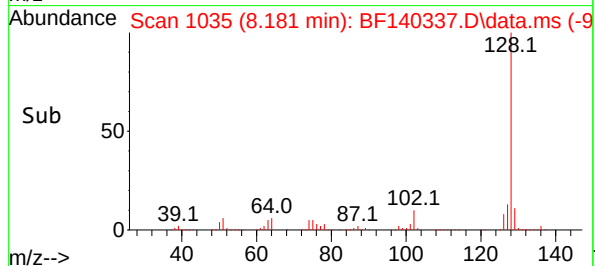
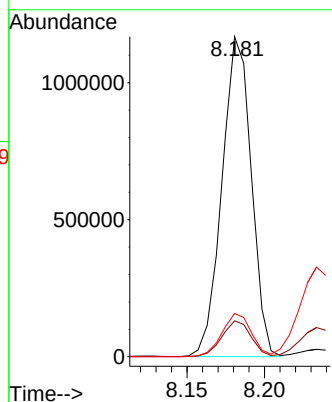
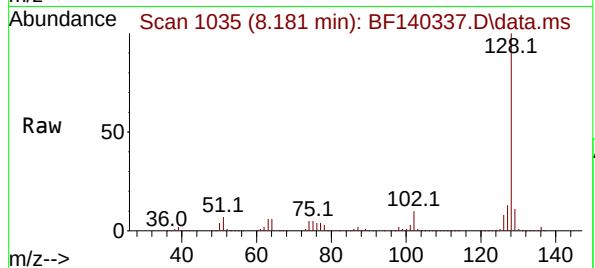




#31
Naphthalene
Concen: 46.842 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

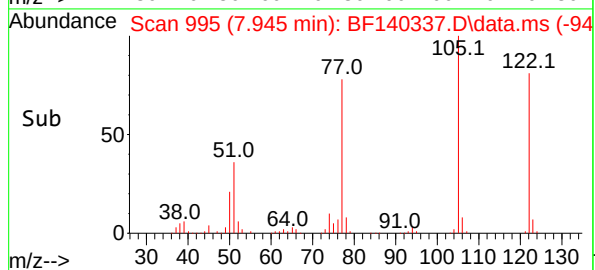
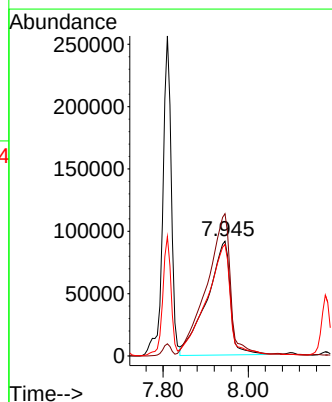
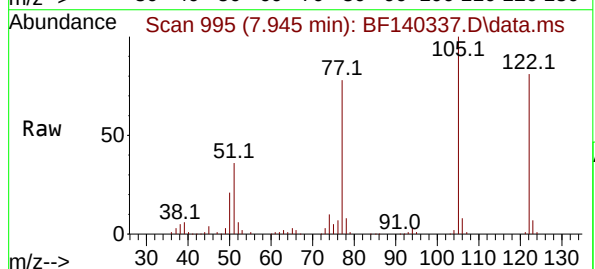
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

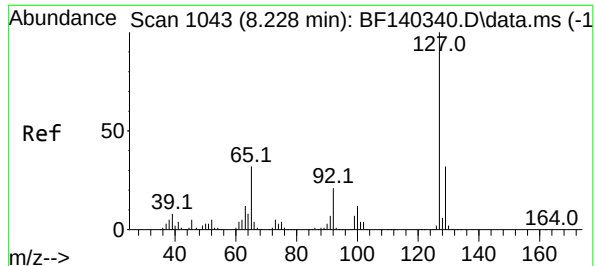
Tgt Ion:128 Resp: 1534595
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 53.939 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.018 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:122 Resp: 347409
Ion Ratio Lower Upper
122 100
105 124.1 100.9 140.9
77 97.3 76.0 116.0





#33

4-Chloroaniline

Concen: 47.230 ng

RT: 8.234 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 538110

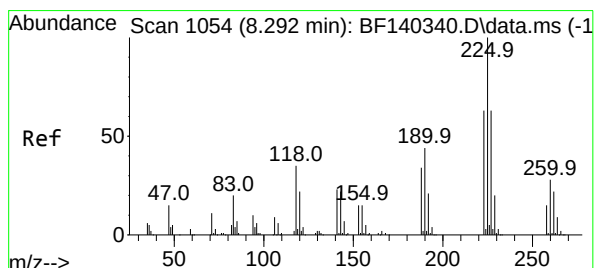
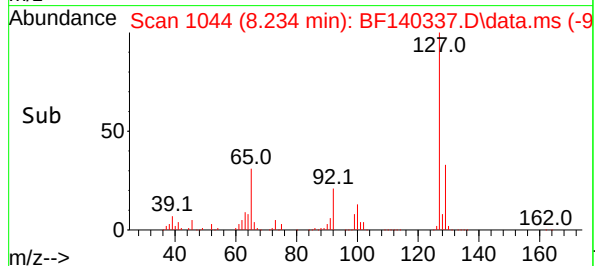
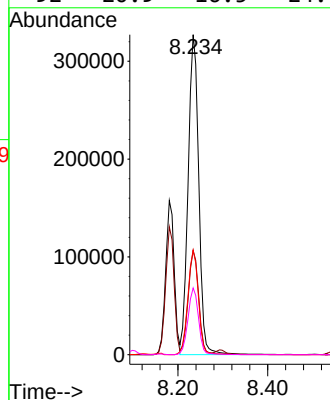
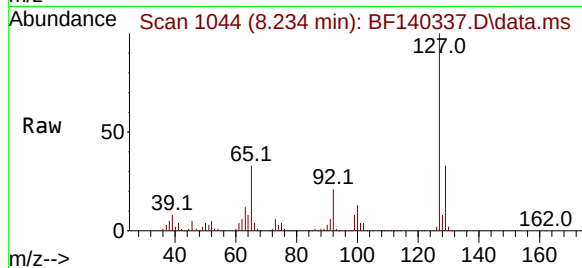
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 32.6 25.8 38.6

92 20.9 16.5 24.7



#34

Hexachlorobutadiene

Concen: 47.340 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

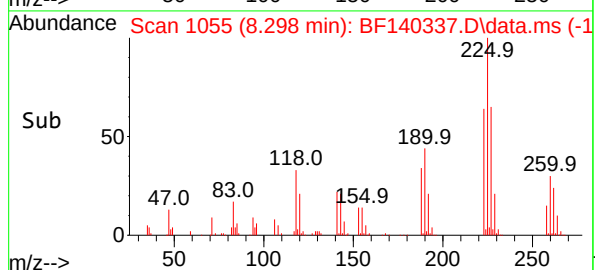
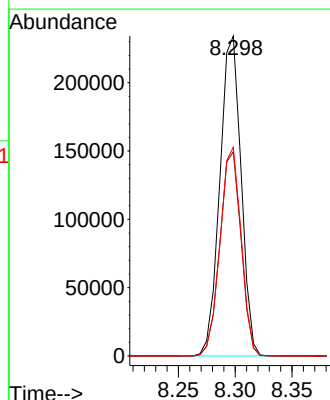
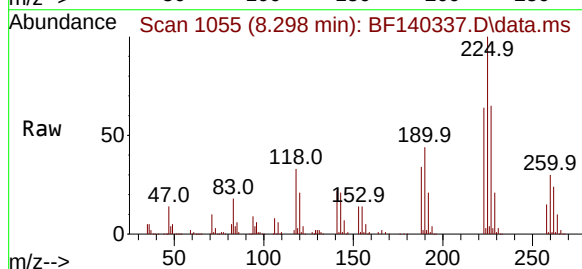
Tgt Ion:225 Resp: 304280

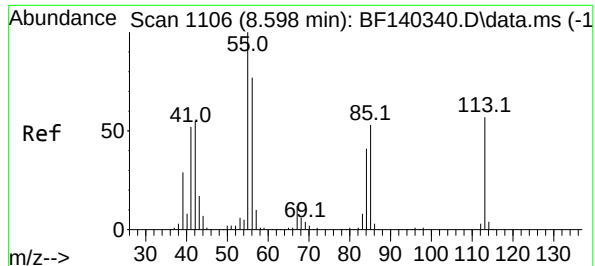
Ion Ratio Lower Upper

225 100

223 63.8 50.1 75.1

227 65.2 51.3 76.9

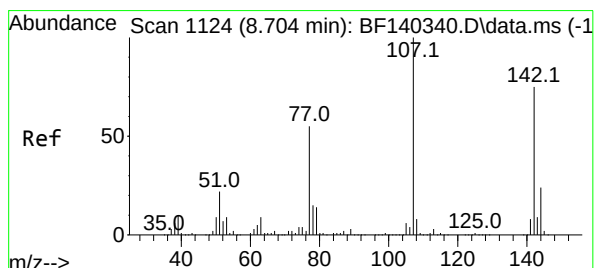
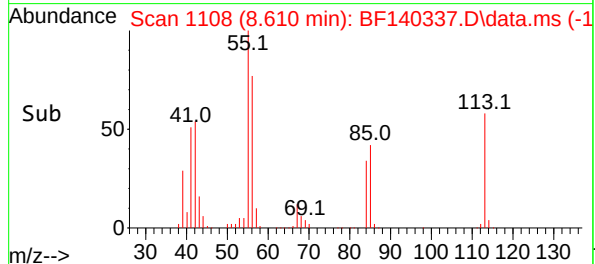
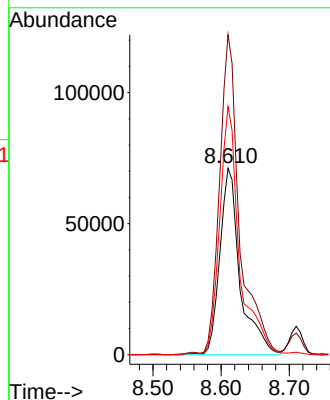
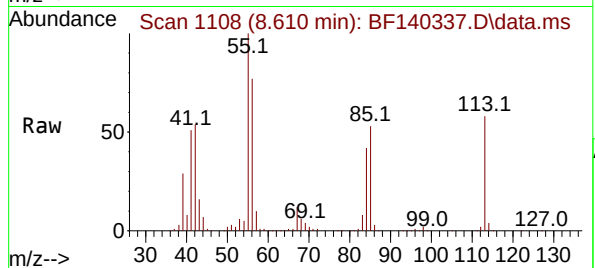




#35
Caprolactam
Concen: 48.359 ng
RT: 8.610 min Scan# 1108
Delta R.T. 0.012 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

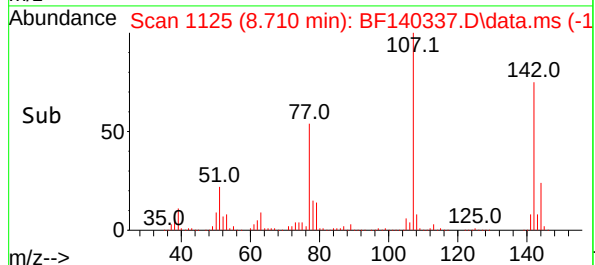
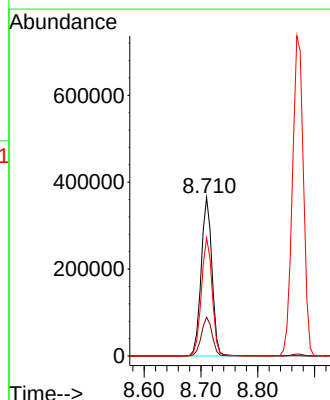
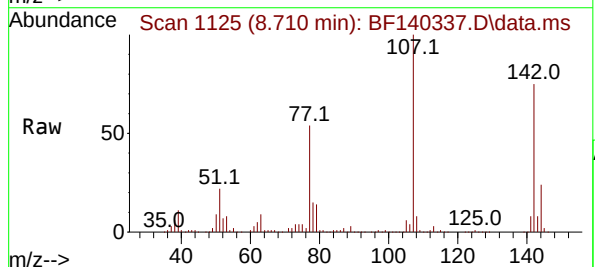
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

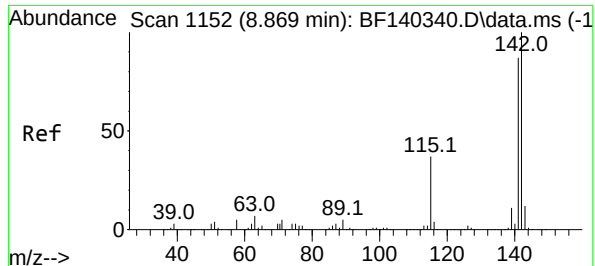
Tgt Ion:113 Resp: 147323
Ion Ratio Lower Upper
113 100
55 171.7 150.0 190.0
56 133.0 111.1 151.1



#36
4-Chloro-3-methylphenol
Concen: 48.095 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:107 Resp: 482944
Ion Ratio Lower Upper
107 100
144 24.4 19.3 28.9
142 74.7 59.4 89.0





#37

2-Methylnaphthalene

Concen: 46.920 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

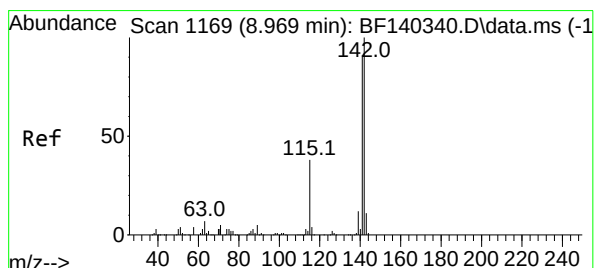
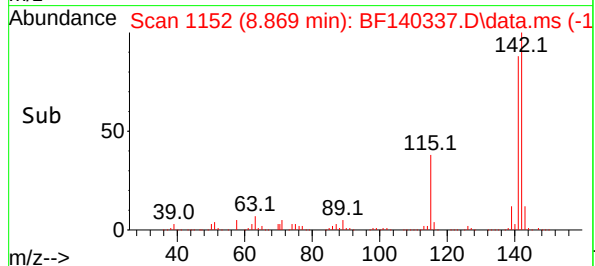
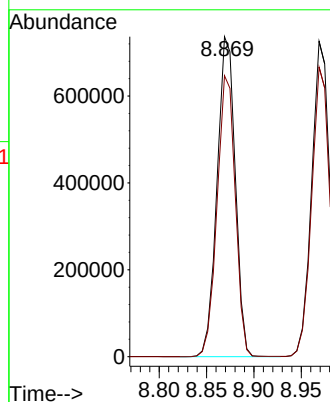
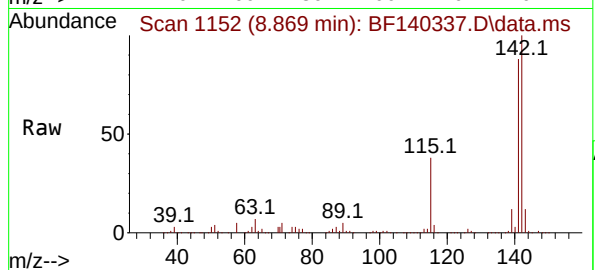
SSTDIC050

Tgt Ion:142 Resp: 985640

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 46.247 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140337.D

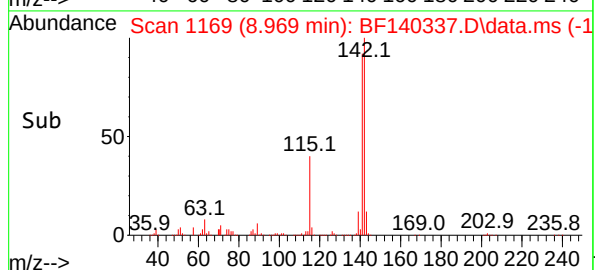
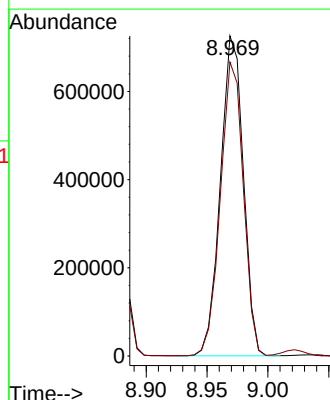
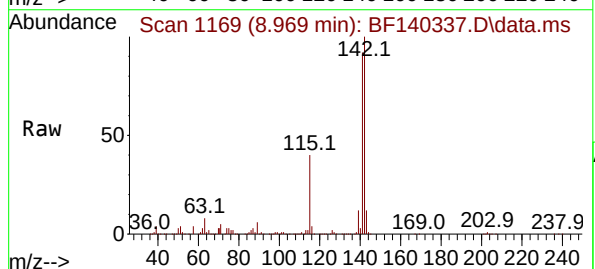
Acq: 13 Nov 2024 11:21

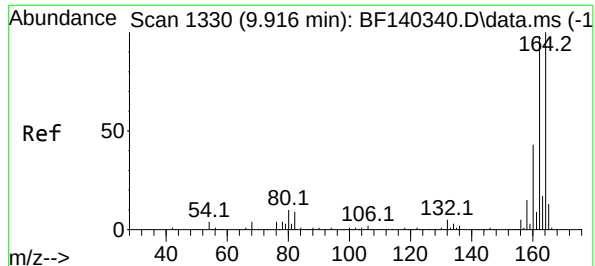
Tgt Ion:142 Resp: 951332

Ion Ratio Lower Upper

142 100

141 91.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

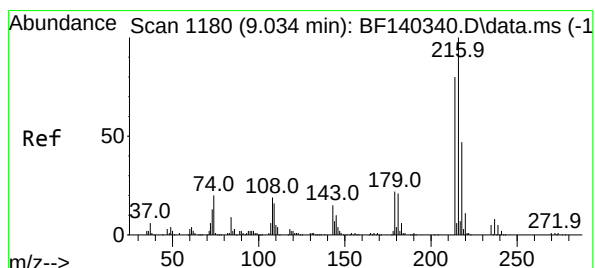
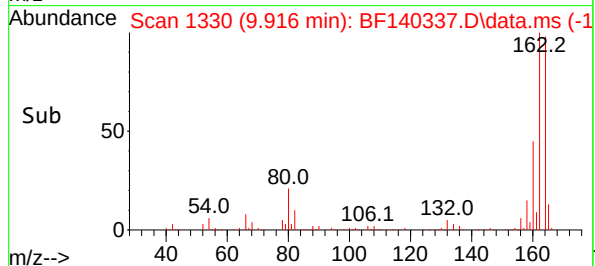
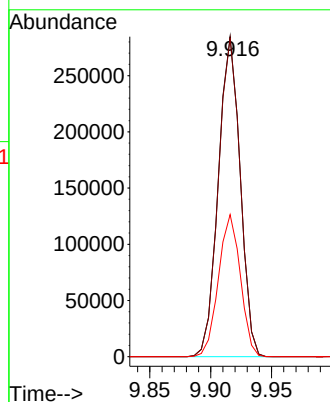
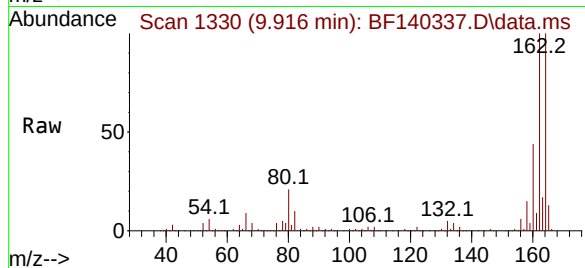
Tgt Ion:164 Resp: 355715

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.389 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Tgt Ion:216 Resp: 466149

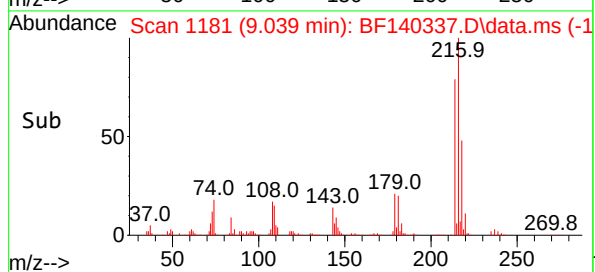
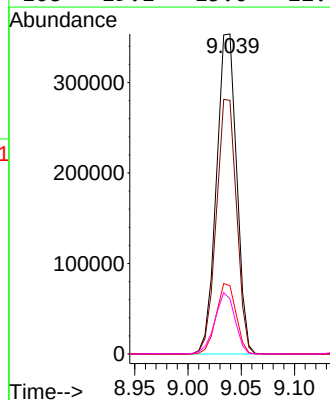
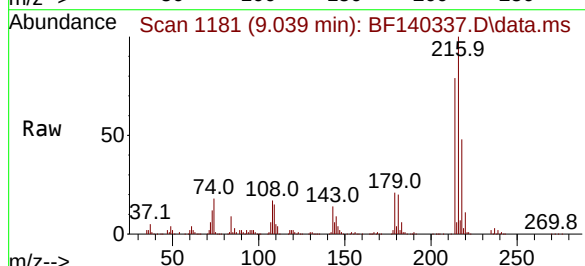
Ion Ratio Lower Upper

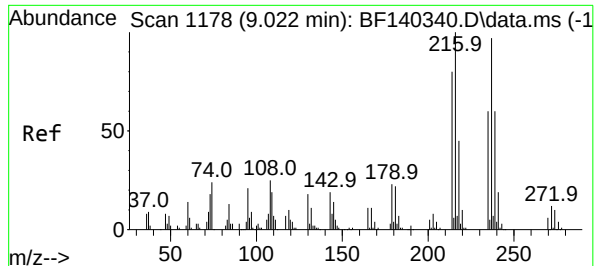
216 100

214 79.6 63.2 94.8

179 21.6 17.2 25.8

108 19.1 15.0 22.4

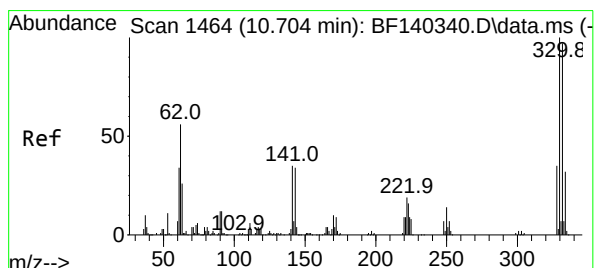
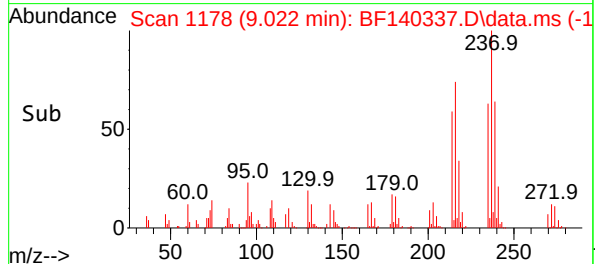
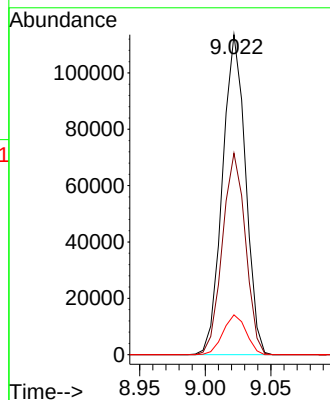
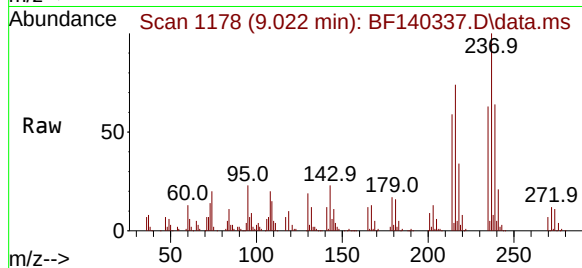




#41
Hexachlorocyclopentadiene
Concen: 54.914 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

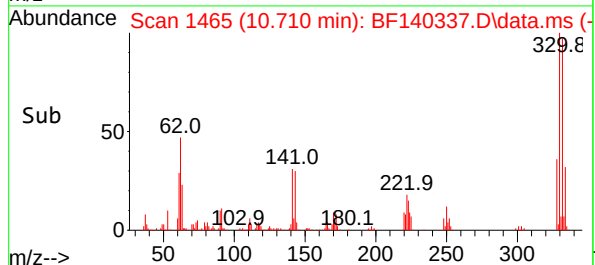
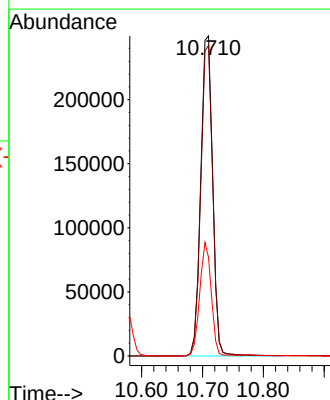
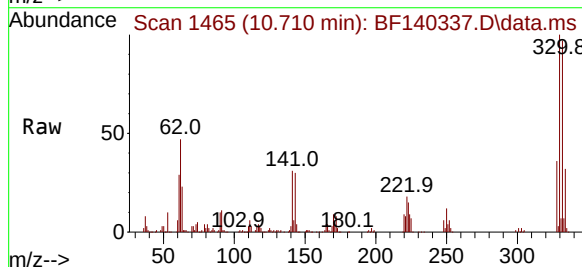
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

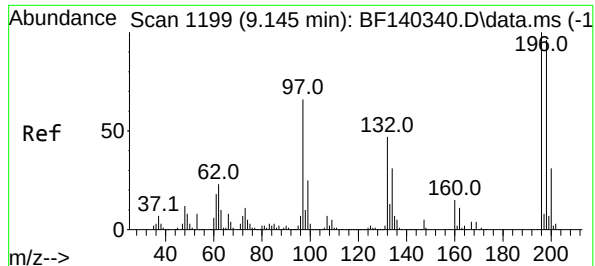
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.8	82.8
272	12.5	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 96.071 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.9	113.9
141	34.1	26.9	40.3





#43

2,4,6-Trichlorophenol

Concen: 49.613 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF140337.D

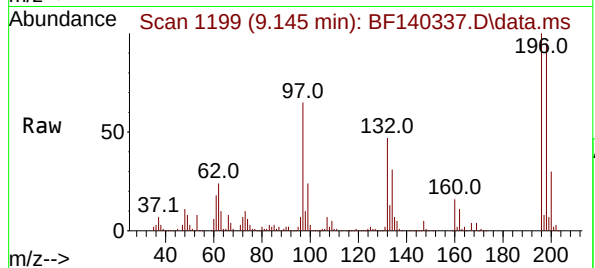
Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



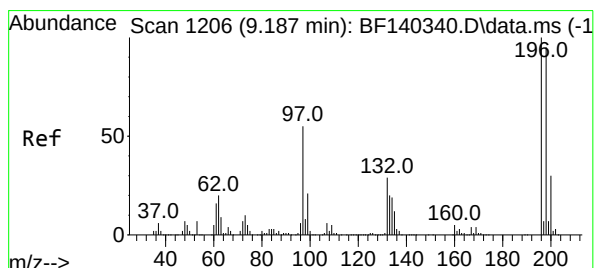
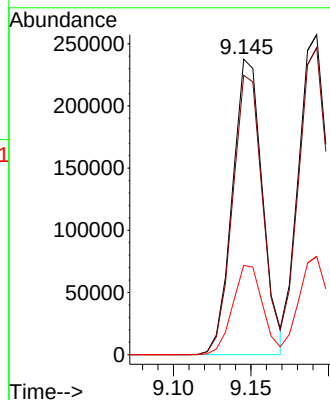
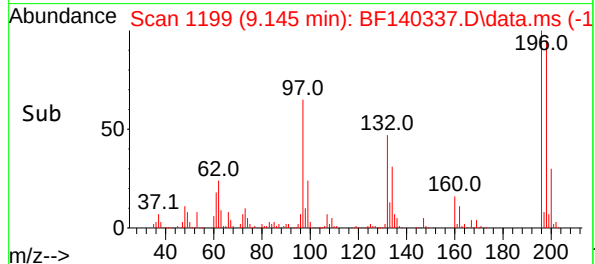
Tgt Ion:196 Resp: 320277

Ion Ratio Lower Upper

196 100

198 94.6 77.0 115.4

200 30.2 24.2 36.4



#44

2,4,5-Trichlorophenol

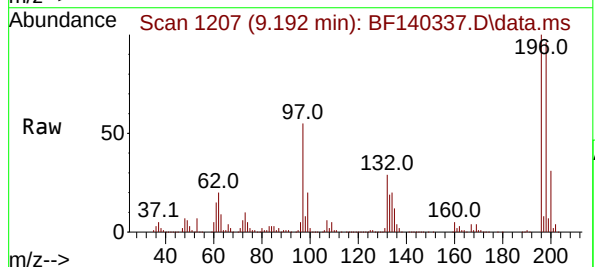
Concen: 48.773 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21



Tgt Ion:196 Resp: 344237

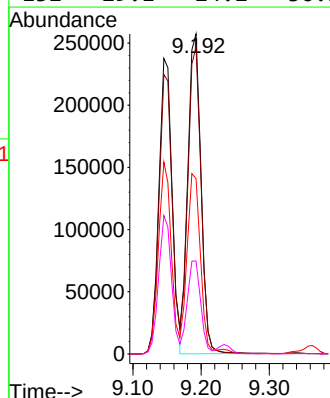
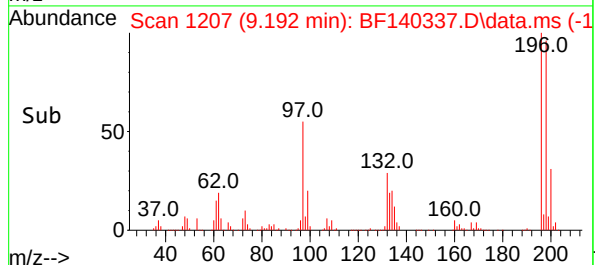
Ion Ratio Lower Upper

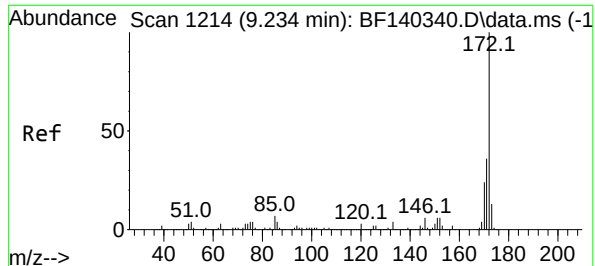
196 100

198 96.0 77.6 116.4

97 54.8 45.4 68.2

132 29.1 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 90.428 ng

RT: 9.234 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

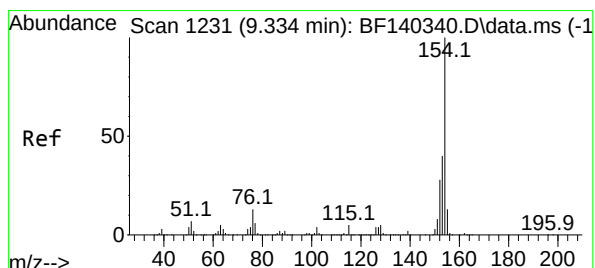
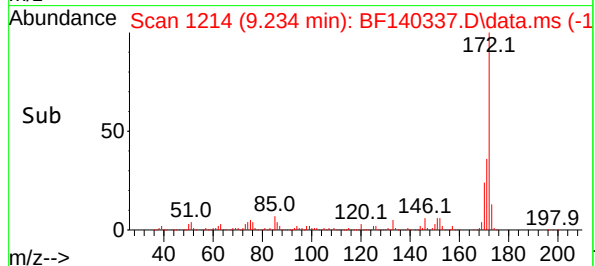
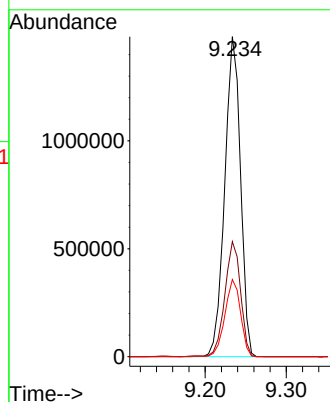
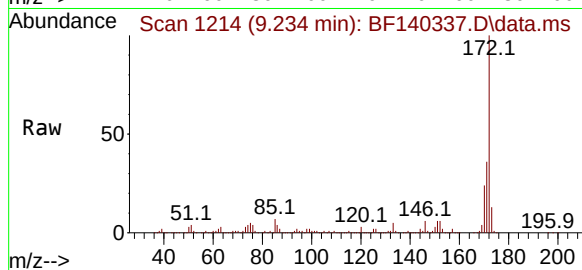
Tgt Ion:172 Resp: 2000974

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.025 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

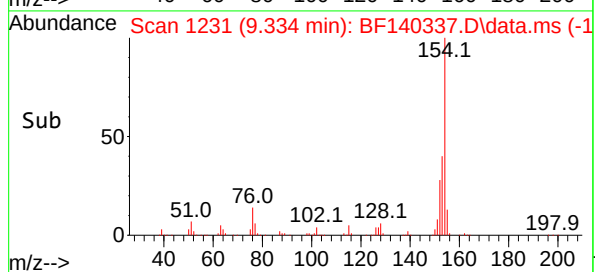
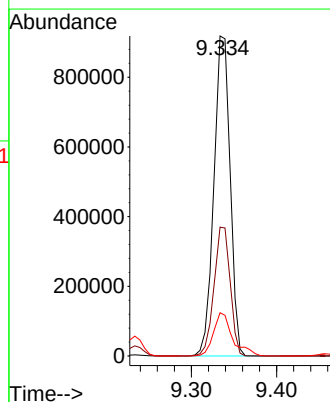
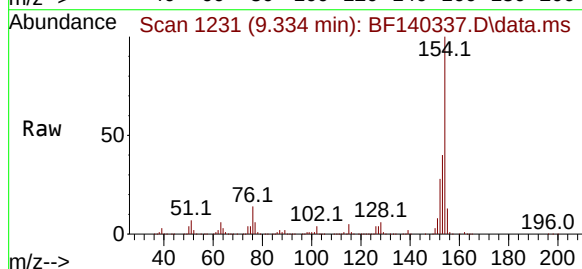
Tgt Ion:154 Resp: 1216913

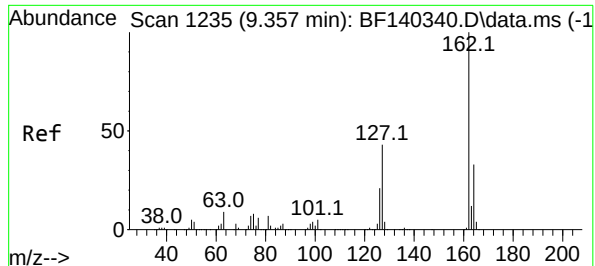
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 13.5 0.0 32.9





#47

2-Chloronaphthalene

Concen: 47.981 ng

RT: 9.363 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

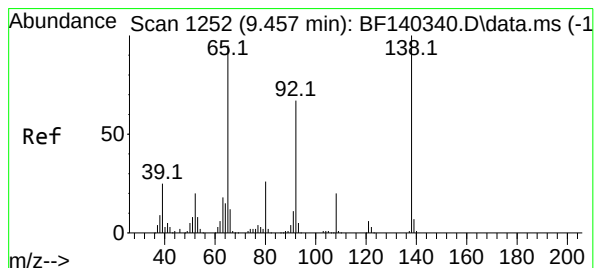
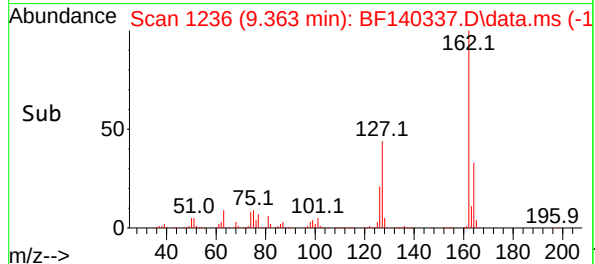
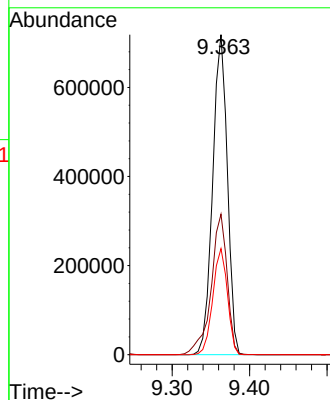
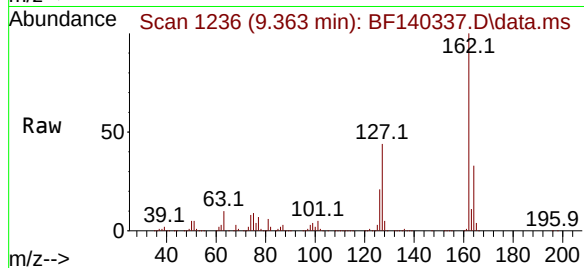
Tgt Ion:162 Resp: 945855

Ion Ratio Lower Upper

162 100

127 43.9 34.0 51.0

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 49.689 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

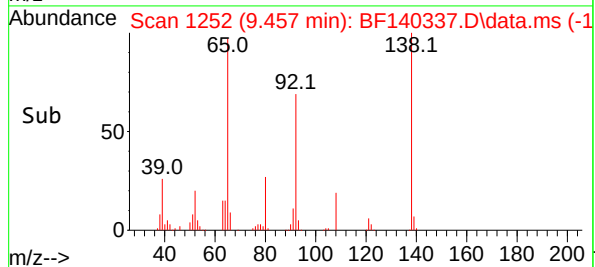
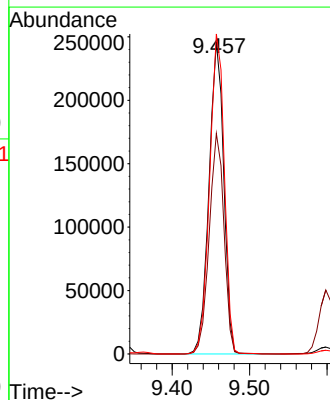
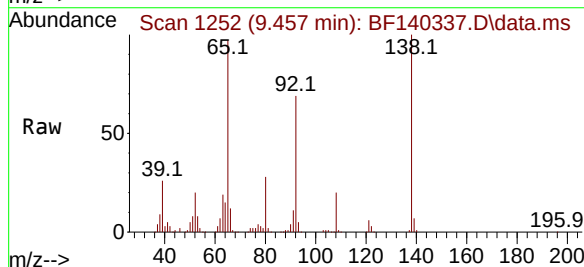
Tgt Ion: 65 Resp: 324847

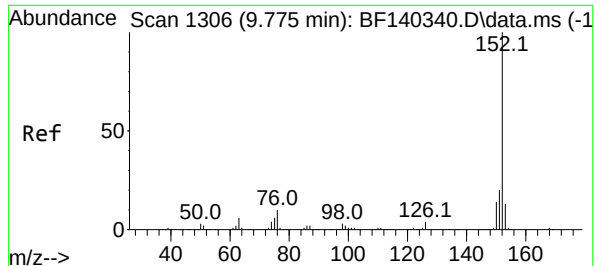
Ion Ratio Lower Upper

65 100

92 70.8 56.4 84.6

138 102.7 84.8 127.2





#49

Acenaphthylene

Concen: 47.156 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

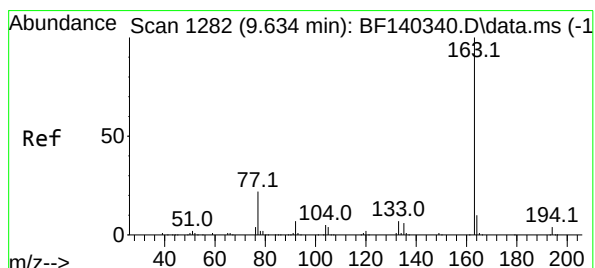
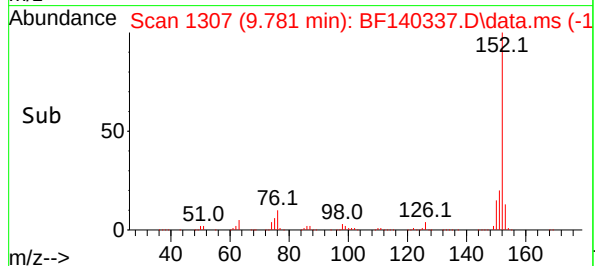
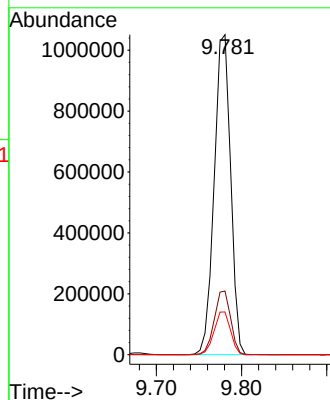
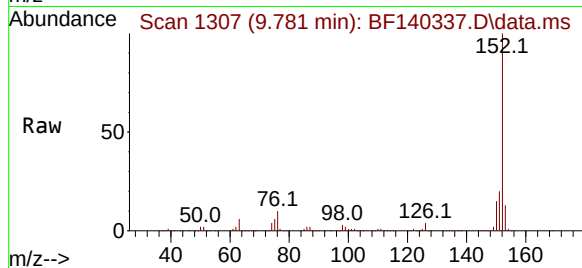
Tgt Ion:152 Resp: 1406468

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 47.796 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

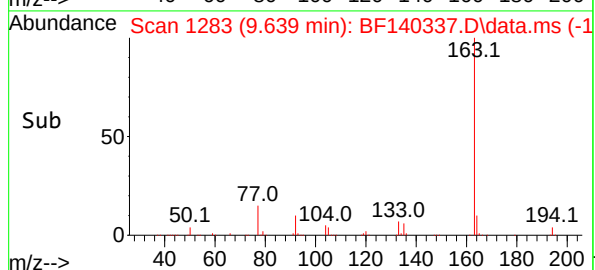
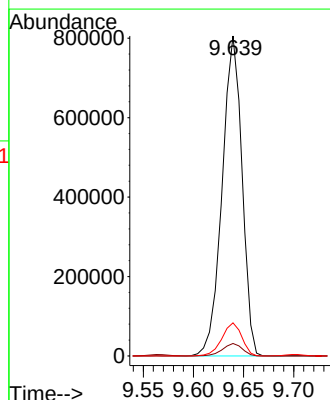
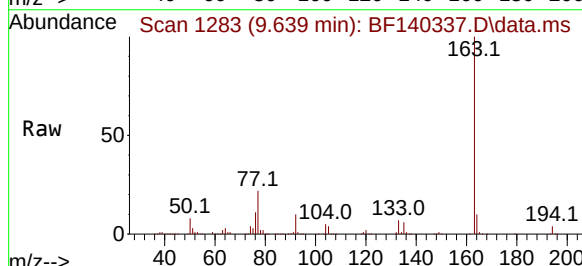
Tgt Ion:163 Resp: 1108191

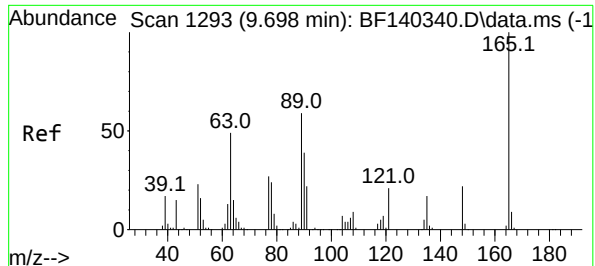
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 48.982 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

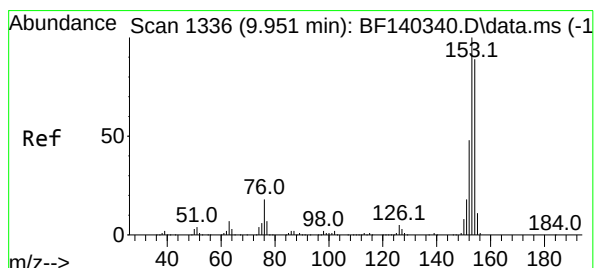
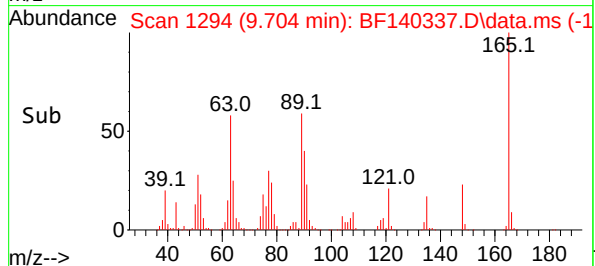
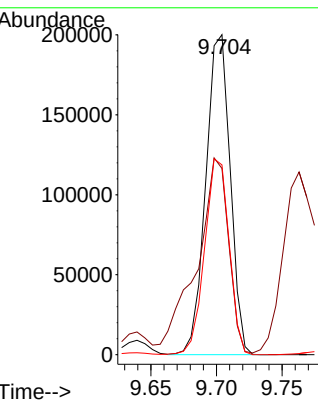
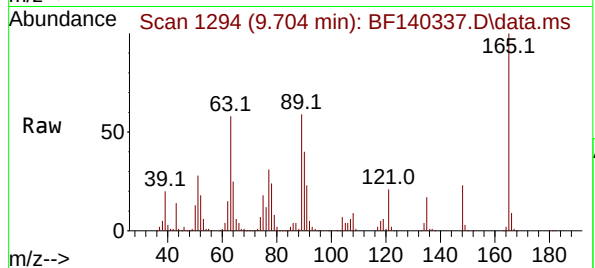
Tgt Ion:165 Resp: 258909

Ion Ratio Lower Upper

165 100

63 58.2 47.6 71.4

89 59.3 48.1 72.1



#52

Acenaphthene

Concen: 48.182 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

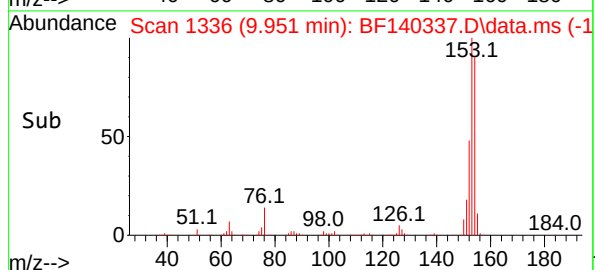
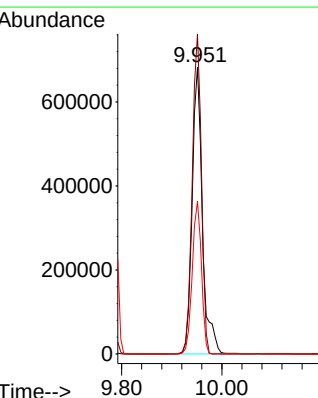
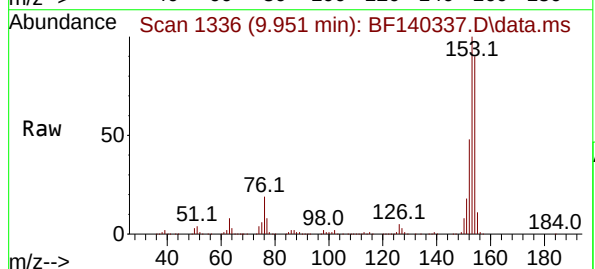
Tgt Ion:154 Resp: 970618

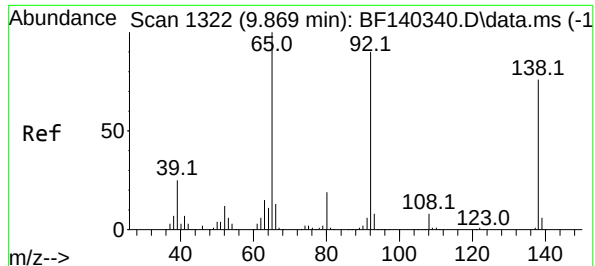
Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.8

152 53.2 42.6 64.0





#53

3-Nitroaniline

Concen: 49.160 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

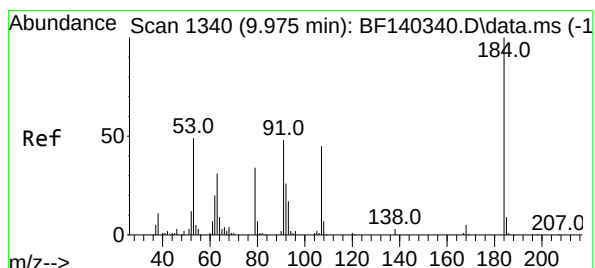
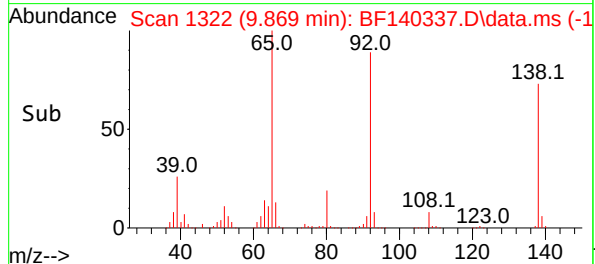
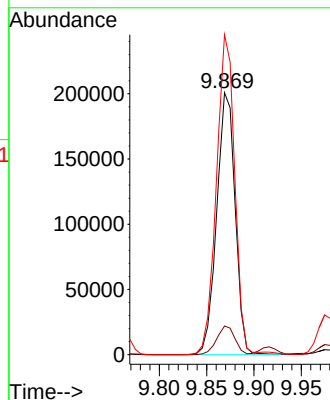
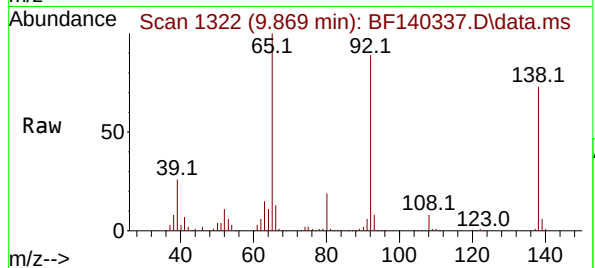
Tgt Ion:138 Resp: 272892

Ion Ratio Lower Upper

138 100

108 11.0 8.4 12.6

92 122.1 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 57.974 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

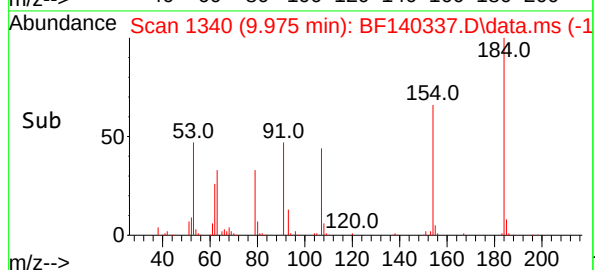
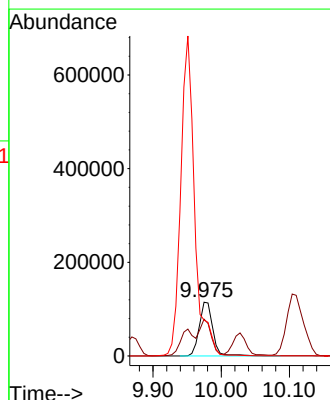
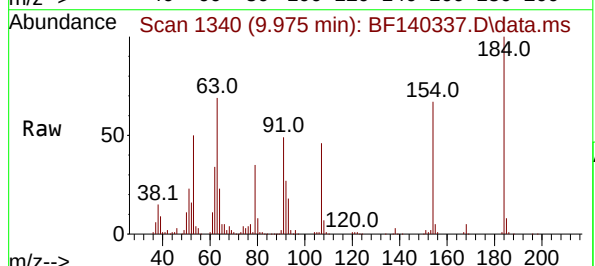
Tgt Ion:184 Resp: 158026

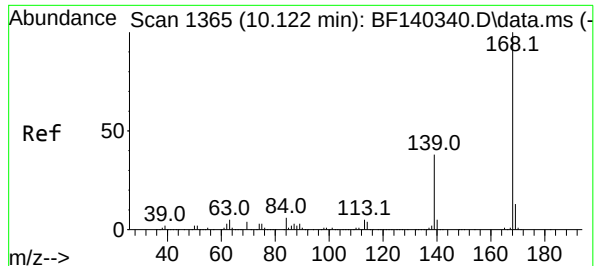
Ion Ratio Lower Upper

184 100

63 68.6 53.5 80.3

154 66.6 51.3 76.9





#55

Dibenzenofuran

Concen: 46.833 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

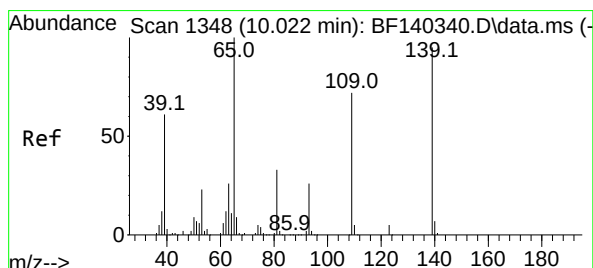
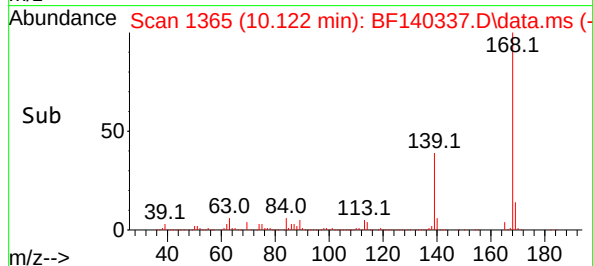
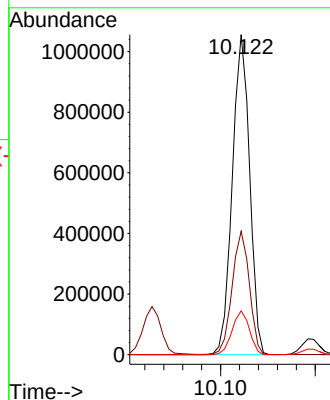
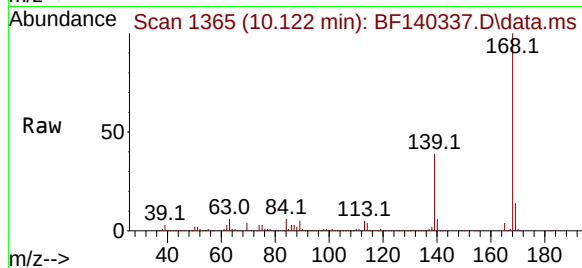
Tgt Ion:168 Resp: 1335552

Ion Ratio Lower Upper

168 100

139 38.6 30.8 46.2

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 52.733 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

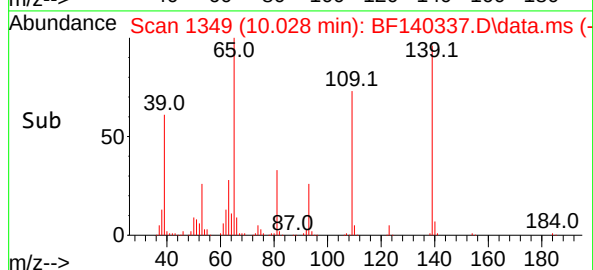
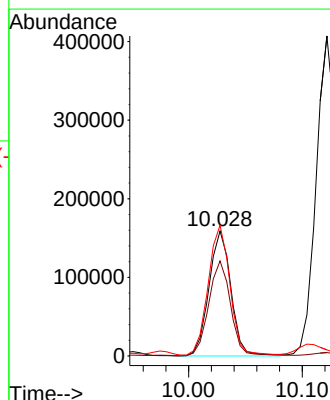
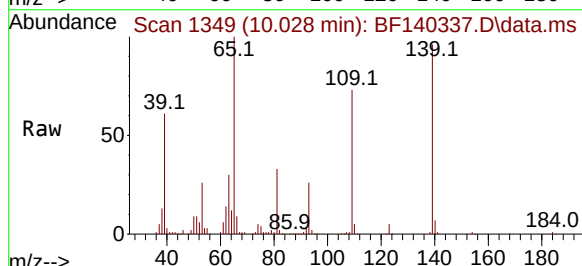
Tgt Ion:139 Resp: 213518

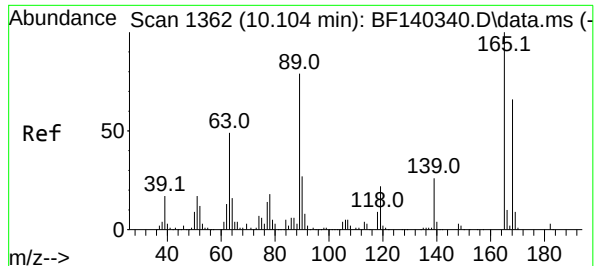
Ion Ratio Lower Upper

139 100

109 76.0 54.5 94.5

65 104.7 84.4 124.4

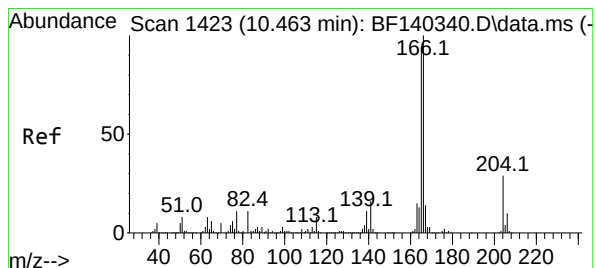
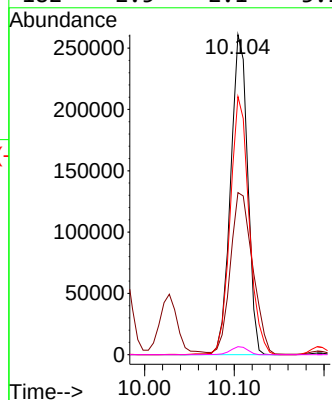
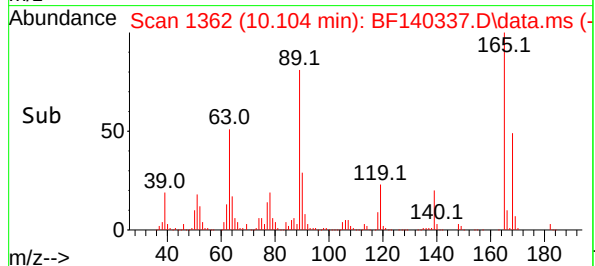
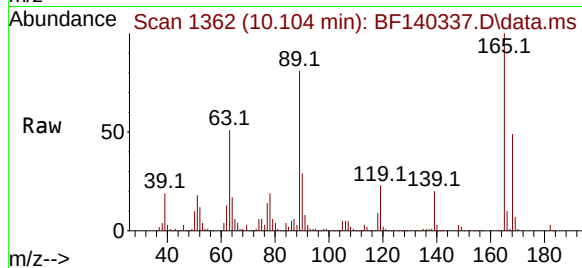




#57
2,4-Dinitrotoluene
Concen: 49.427 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

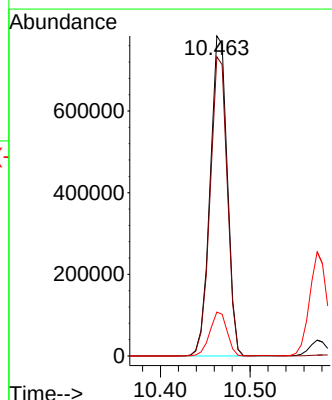
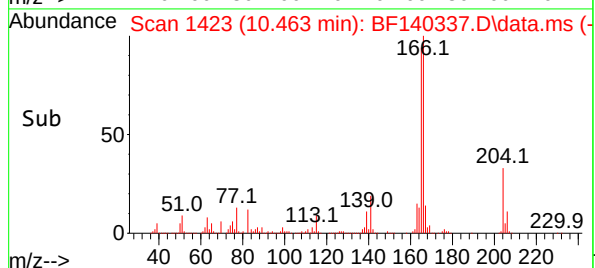
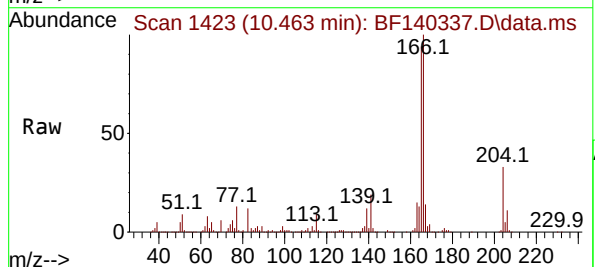
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

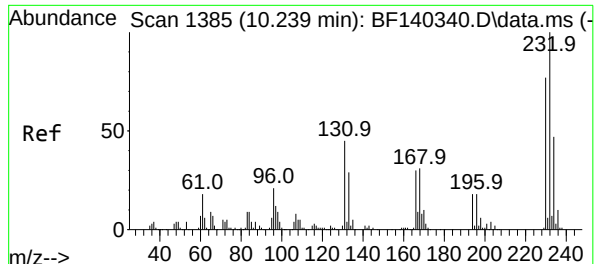
Tgt Ion:165 Resp: 343847
Ion Ratio Lower Upper
165 100
63 50.7 39.4 59.0
89 80.7 62.4 93.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 46.112 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:166 Resp: 1038836
Ion Ratio Lower Upper
166 100
165 93.5 73.9 110.9
167 13.7 10.9 16.3

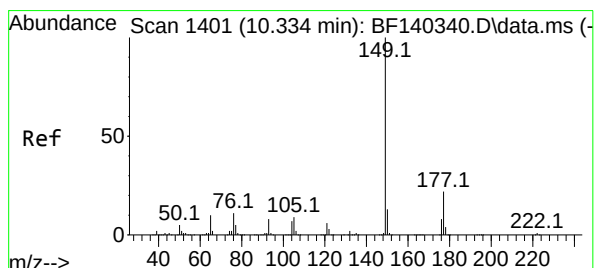
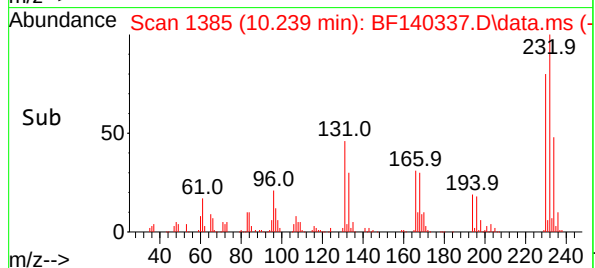
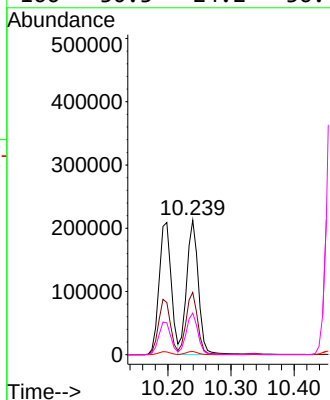
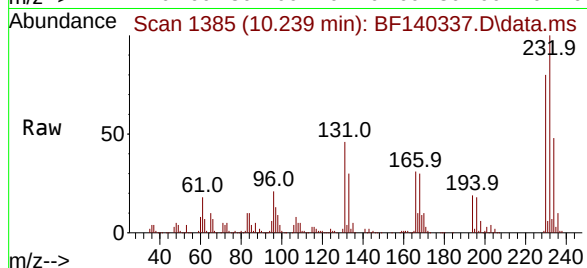




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.236 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

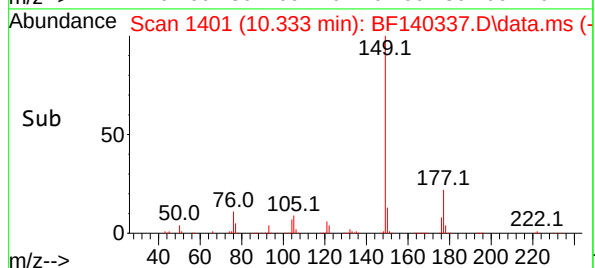
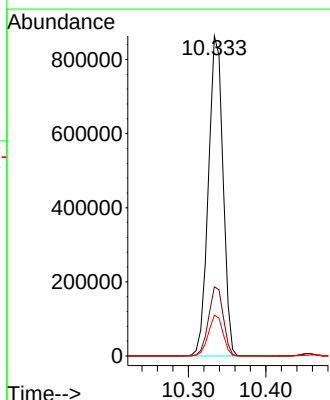
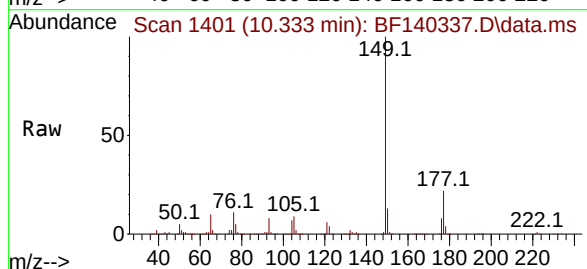
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

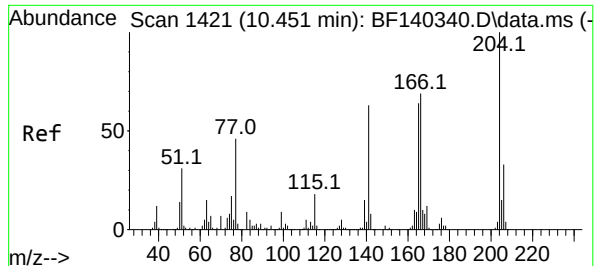
Tgt Ion:232 Resp: 274144
Ion Ratio Lower Upper
232 100
131 45.5 36.8 55.2
130 2.5 1.9 2.9
166 30.3 24.2 36.4



#60
Diethylphthalate
Concen: 47.701 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:149 Resp: 1130922
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.8 10.1 15.1

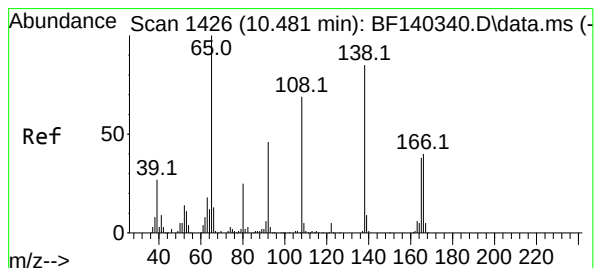
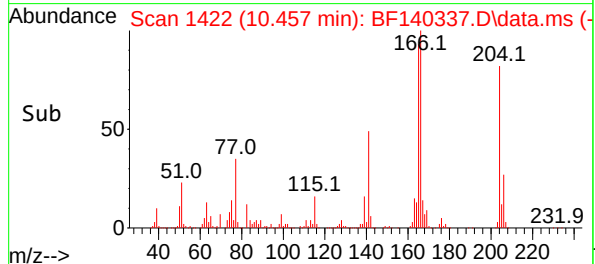
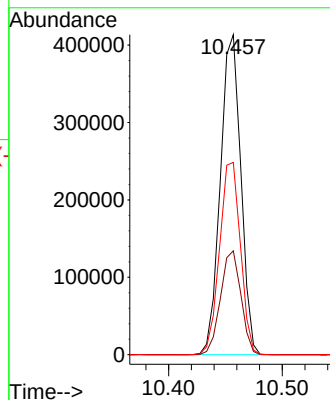
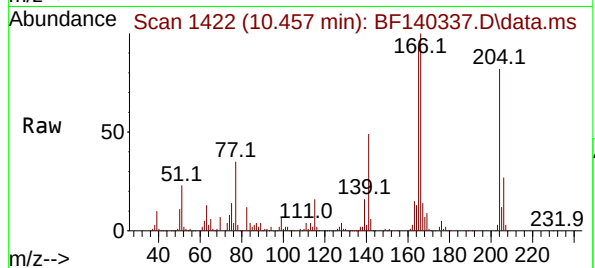




#61
4-Chlorophenyl-phenylether
Concen: 46.617 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

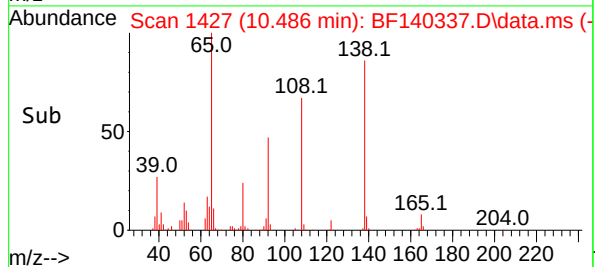
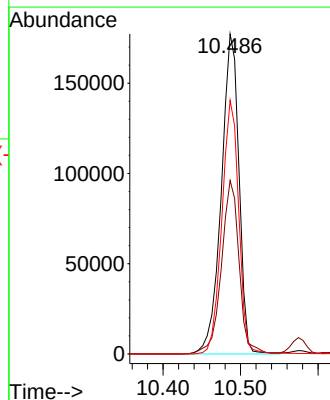
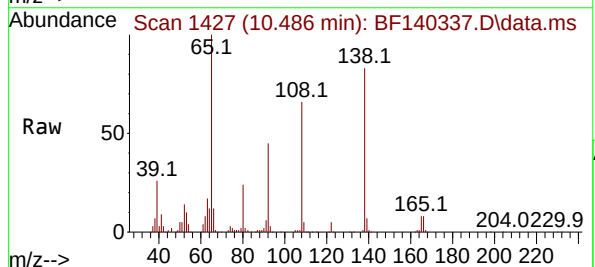
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

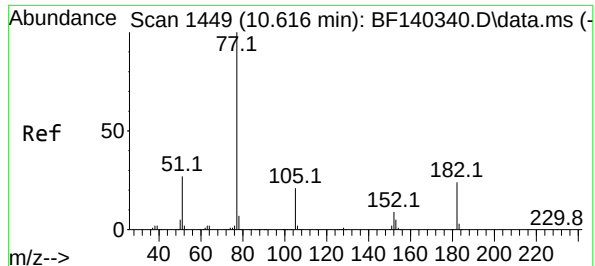
Tgt Ion:204 Resp: 518480
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 60.1 49.8 74.8



#62
4-Nitroaniline
Concen: 49.492 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:138 Resp: 280913
Ion Ratio Lower Upper
138 100
92 54.2 33.8 73.8
108 79.2 59.9 99.9

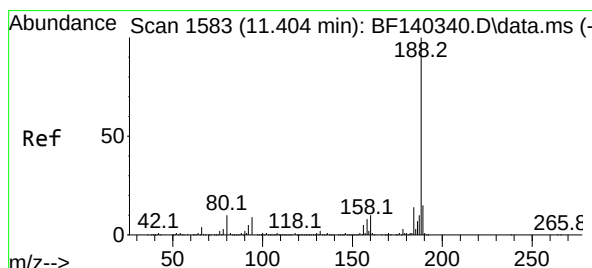
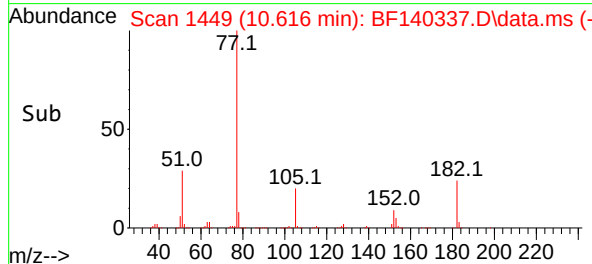
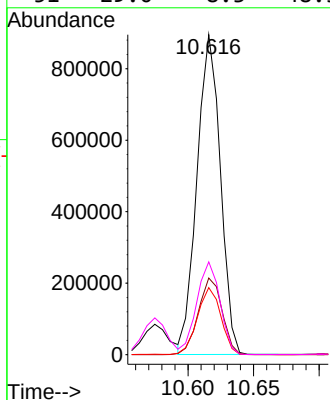
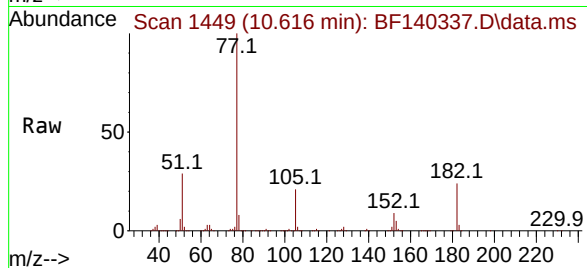




#63
Azobenzene
Concen: 47.487 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

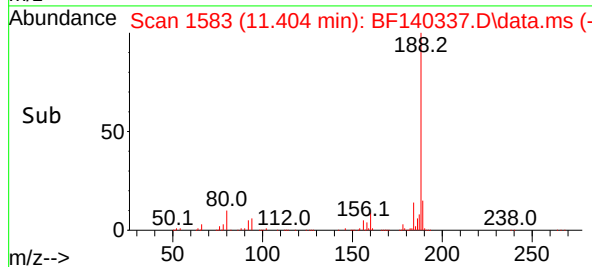
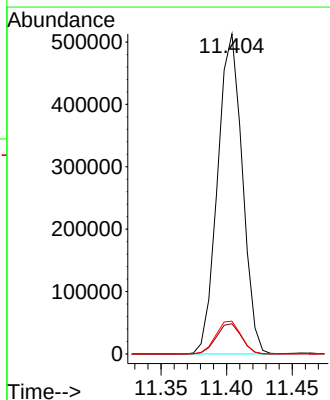
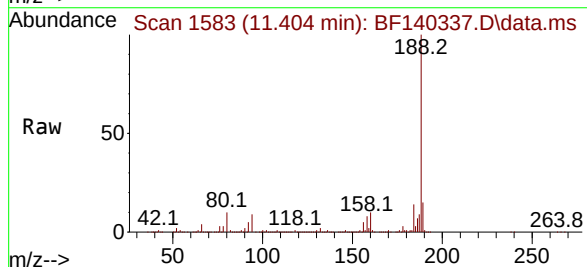
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

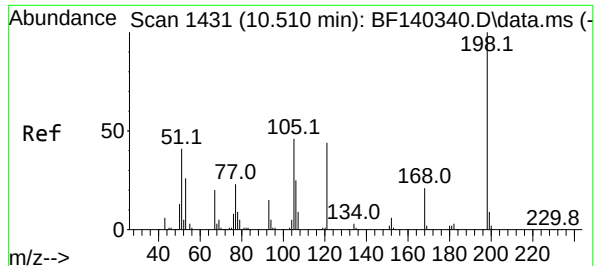
Tgt Ion: 77 Resp: 1112412
Ion Ratio Lower Upper
77 100
182 23.9 4.6 44.6
105 21.0 0.9 40.9
51 29.0 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion: 188 Resp: 673585
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.3 8.0 12.0

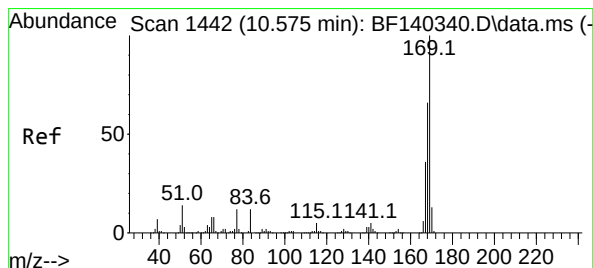
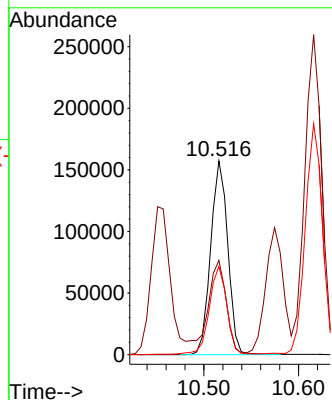
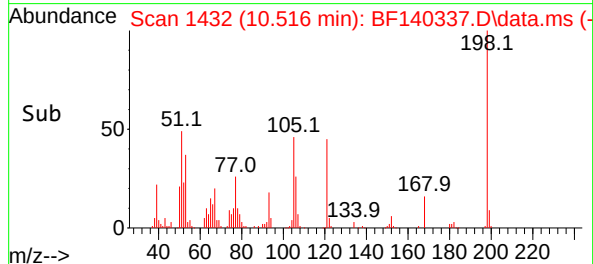
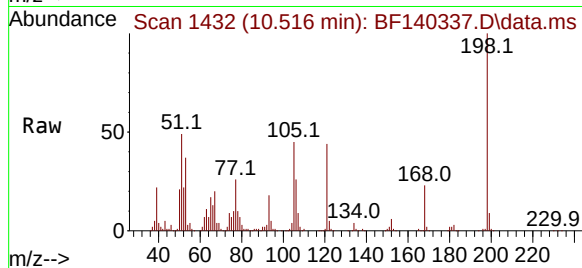




#65
4,6-Dinitro-2-methylphenol
Concen: 54.495 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

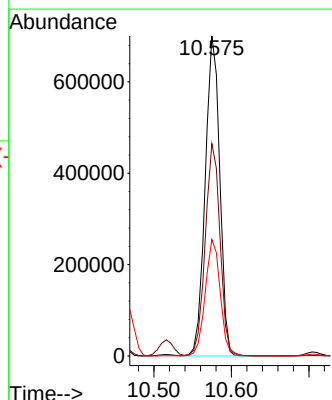
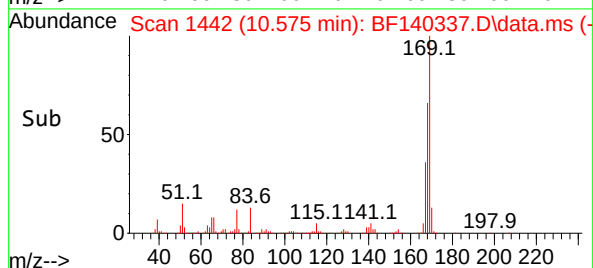
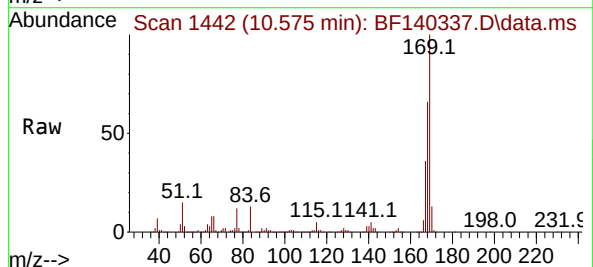
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

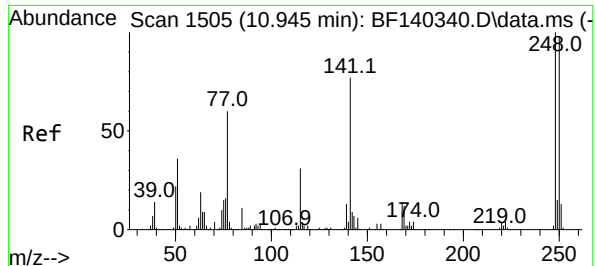
Tgt Ion:198 Resp: 197492
Ion Ratio Lower Upper
198 100
51 48.6 29.7 69.7
105 45.5 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 46.803 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:169 Resp: 910897
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 36.4 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 47.787 ng

RT: 10.945 min Scan# 1505

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

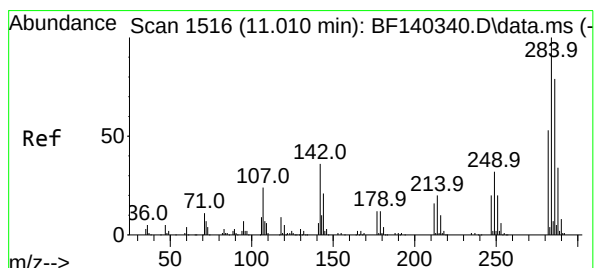
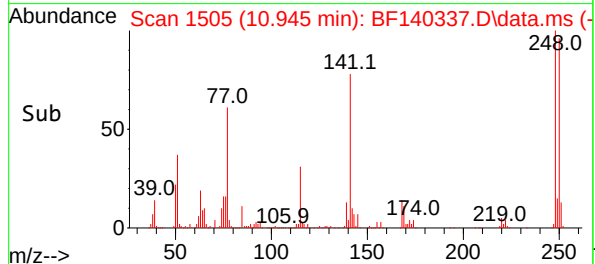
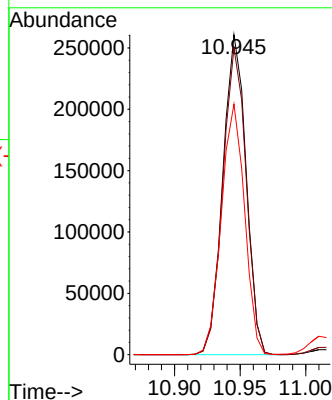
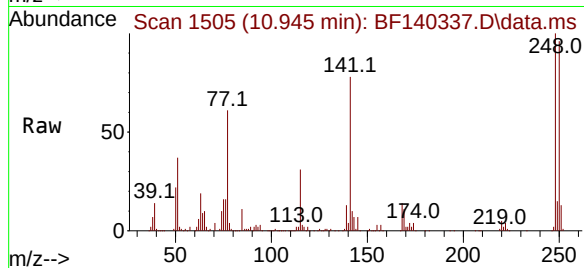
Tgt Ion:248 Resp: 321760

Ion Ratio Lower Upper

248 100

250 95.9 77.9 116.9

141 78.3 61.8 92.6



#68

Hexachlorobenzene

Concen: 46.386 ng

RT: 11.016 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

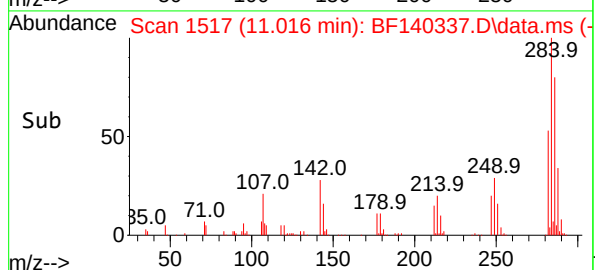
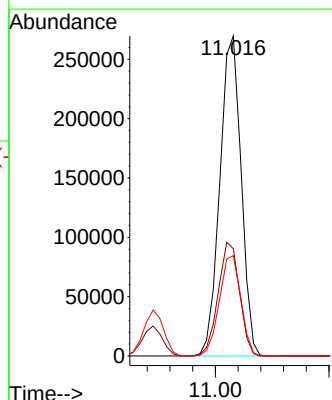
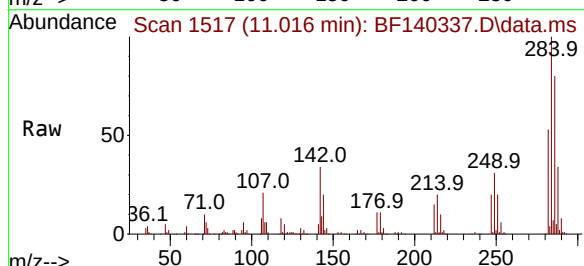
Tgt Ion:284 Resp: 351412

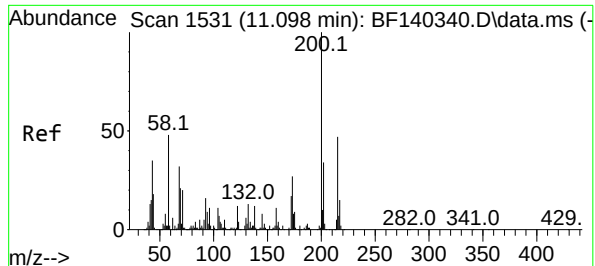
Ion Ratio Lower Upper

284 100

142 33.6 28.1 42.1

249 31.3 24.9 37.3





#69

Atrazine

Concen: 44.413 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

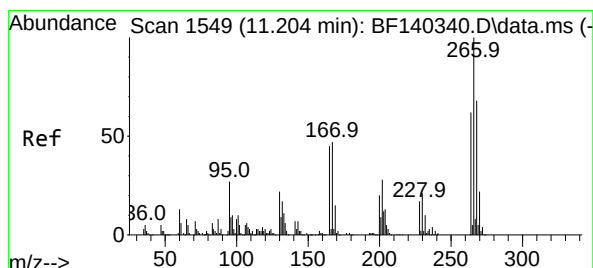
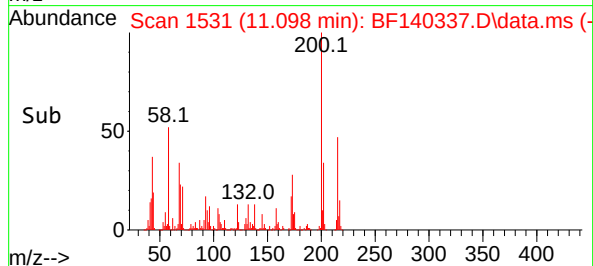
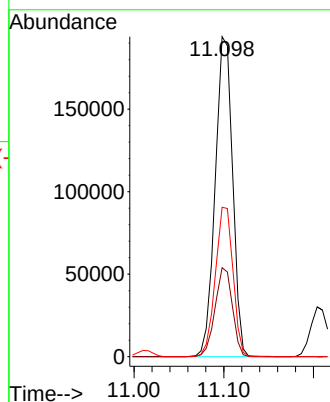
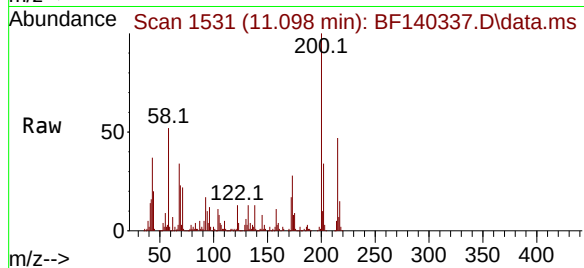
Tgt Ion:200 Resp: 261515

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

215 46.7 27.2 67.2



#70

Pentachlorophenol

Concen: 54.132 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

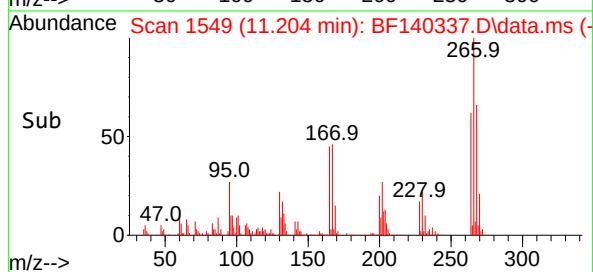
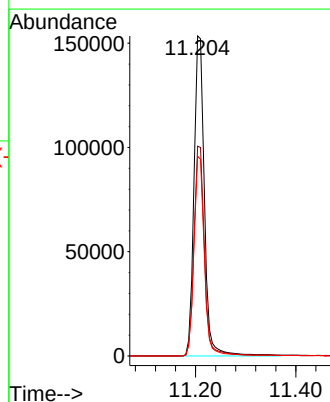
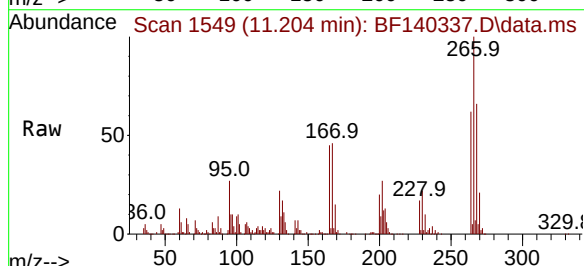
Tgt Ion:266 Resp: 220904

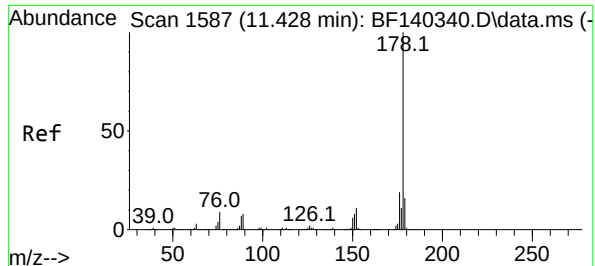
Ion Ratio Lower Upper

266 100

268 65.6 52.9 79.3

264 62.4 50.3 75.5

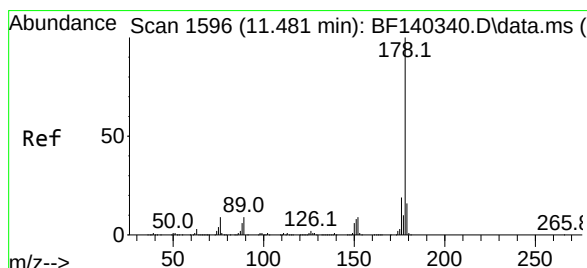
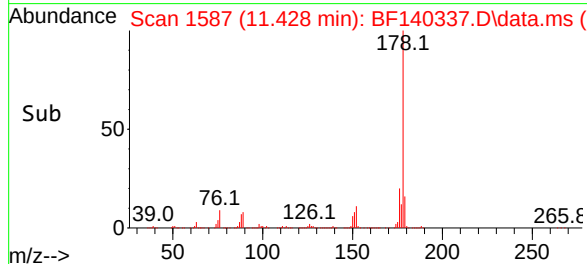
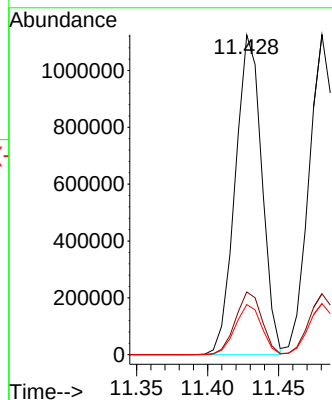
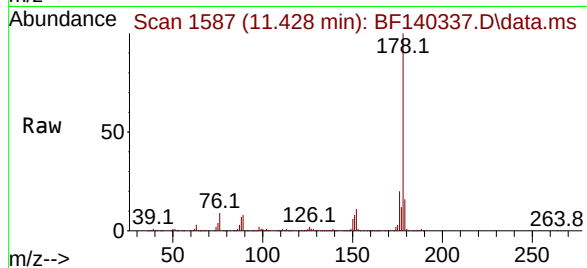




#71
Phenanthrene
Concen: 46.188 ng
RT: 11.428 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

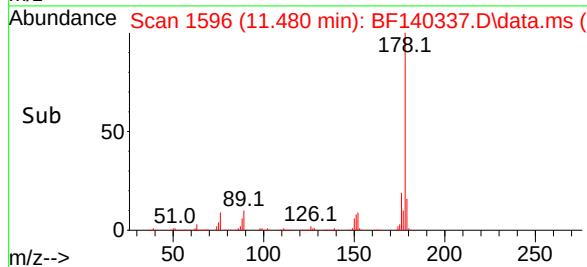
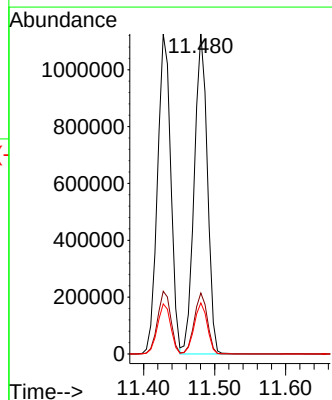
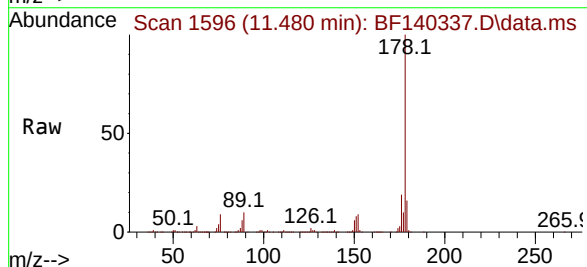
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

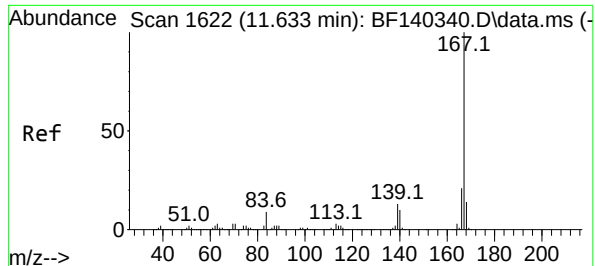
Tgt Ion:178 Resp: 1461484
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.4 18.6



#72
Anthracene
Concen: 46.682 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

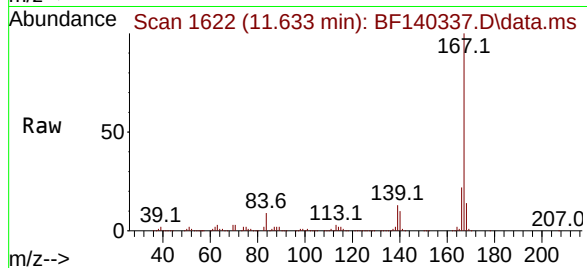
Tgt Ion:178 Resp: 1447653
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.0 12.6 18.8



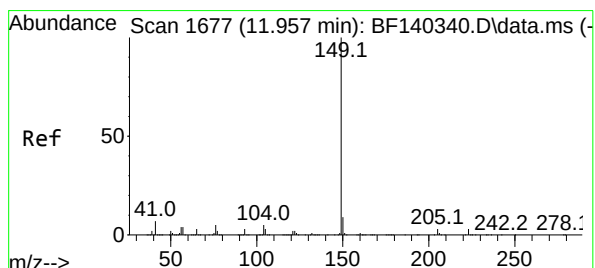
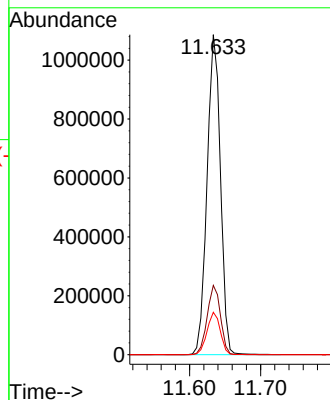
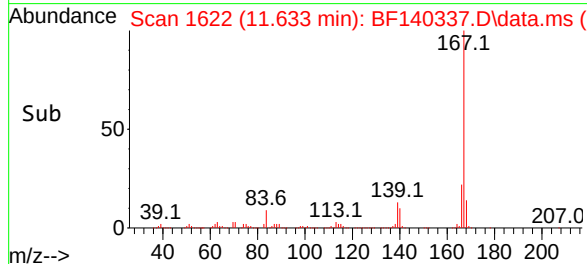


#73
Carbazole
Concen: 46.543 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

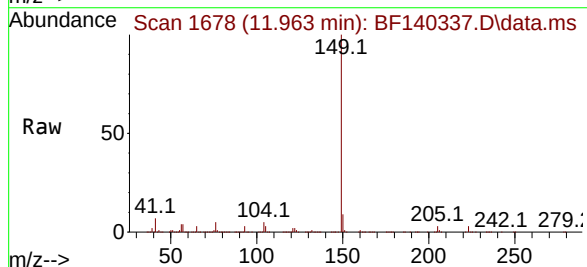
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



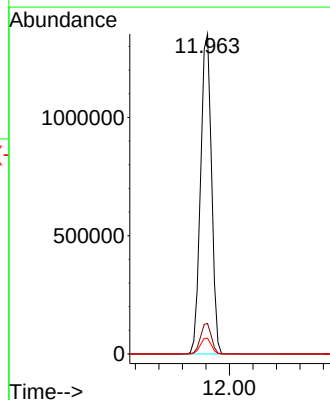
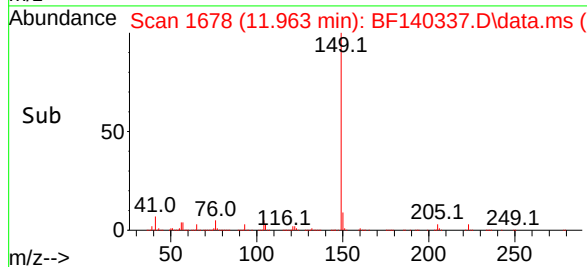
Tgt Ion:167 Resp: 1425182
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.3 10.4 15.6

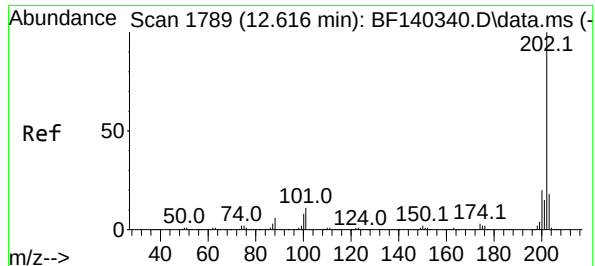


#74
Di-n-butylphthalate
Concen: 47.487 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21



Tgt Ion:149 Resp: 1745220
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 4.9 4.0 6.0

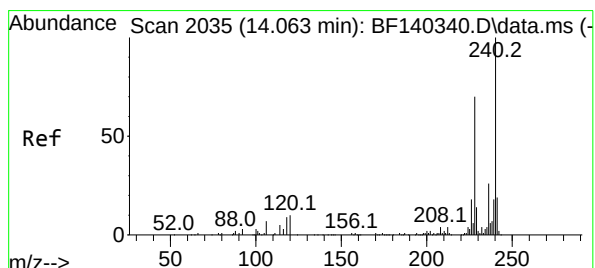
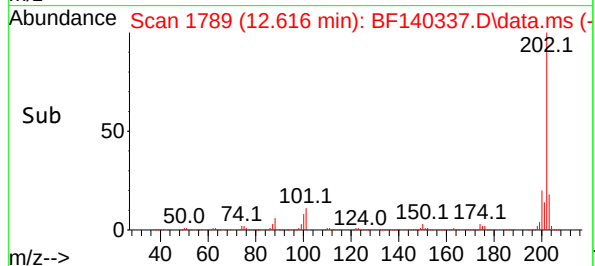
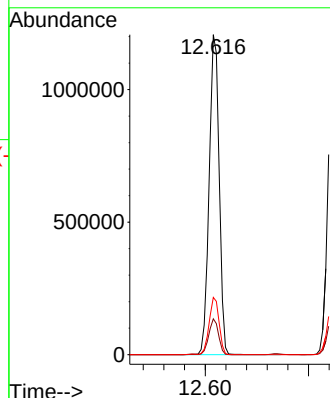
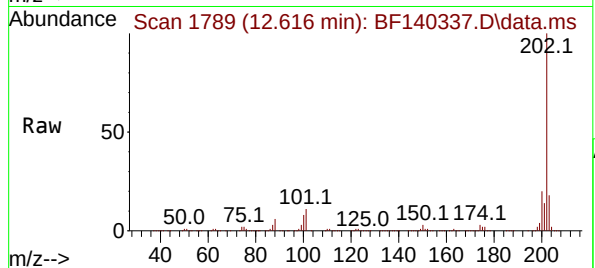




#75
Fluoranthene
Concen: 45.637 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

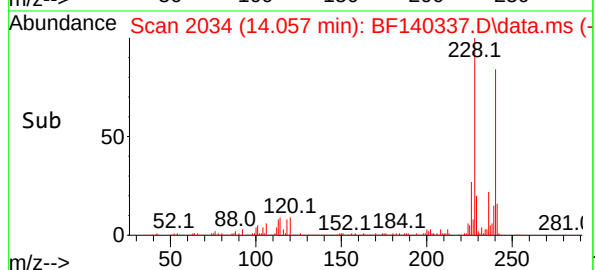
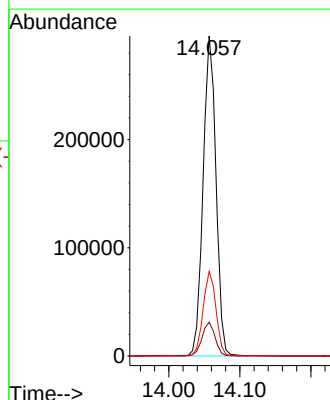
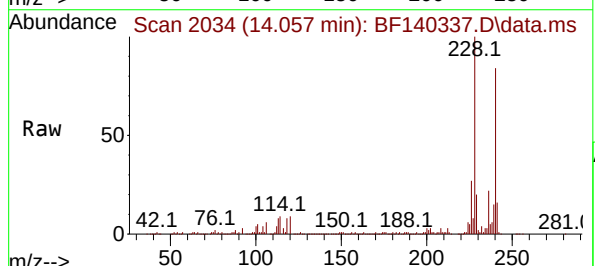
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

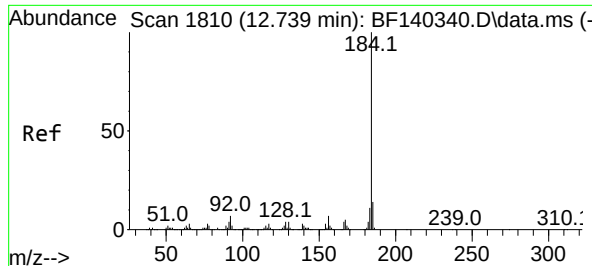
Tgt Ion:202 Resp: 1620115
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:240 Resp: 373903
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.4 20.9 31.3

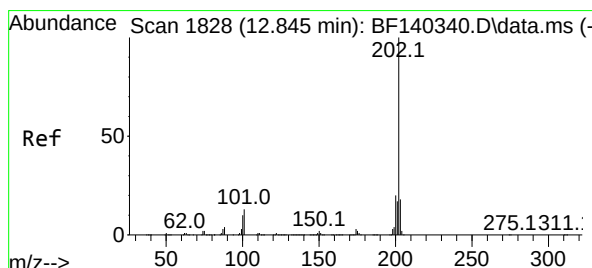
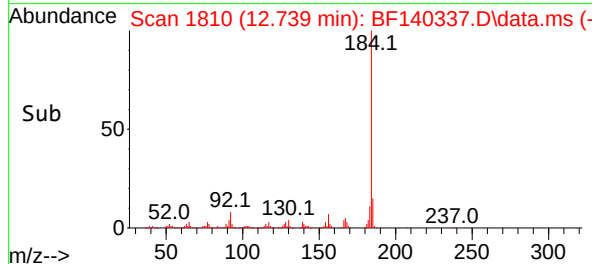
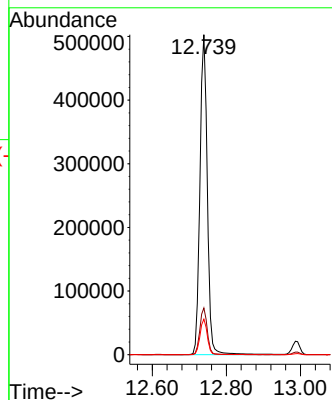
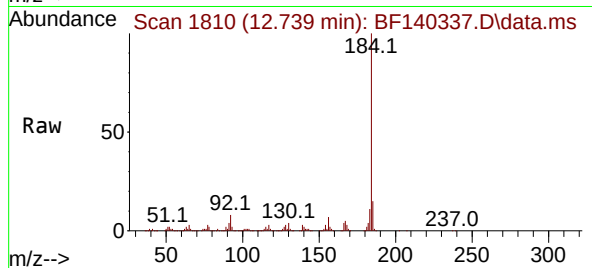




#77
Benzidine
Concen: 48.345 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

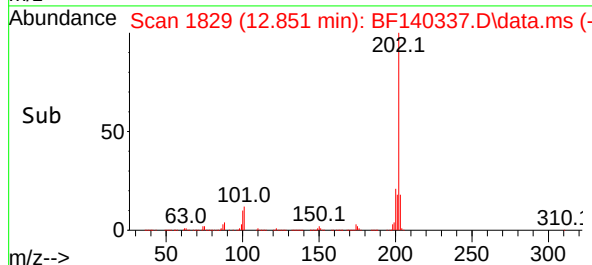
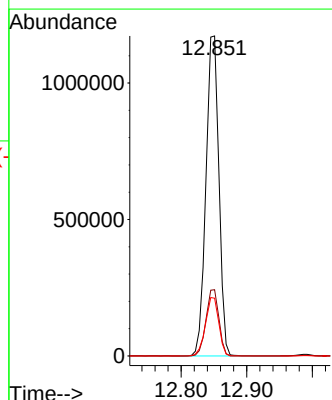
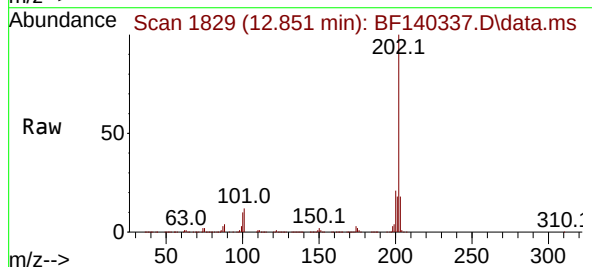
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

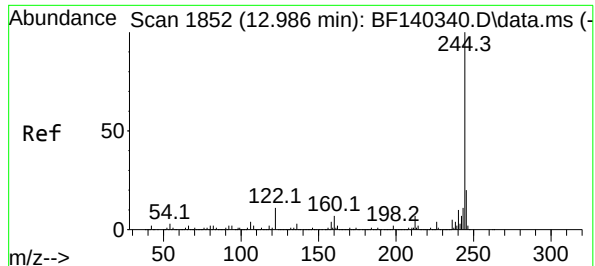
Tgt Ion:184 Resp: 693785
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.1 8.6 13.0



#78
Pyrene
Concen: 50.507 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:202 Resp: 1615345
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.2
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 98.876 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

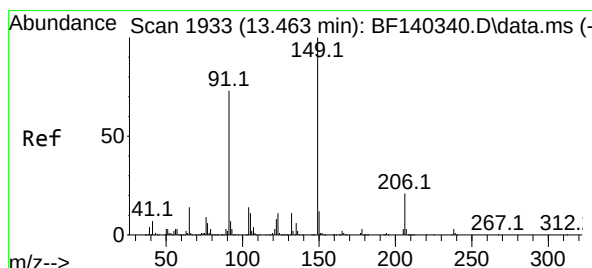
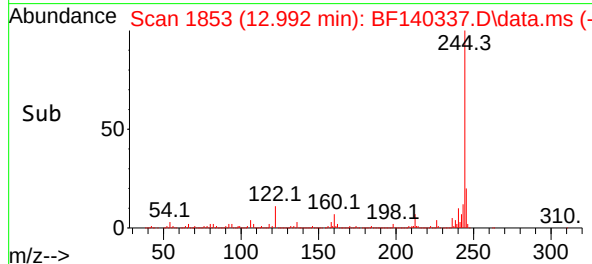
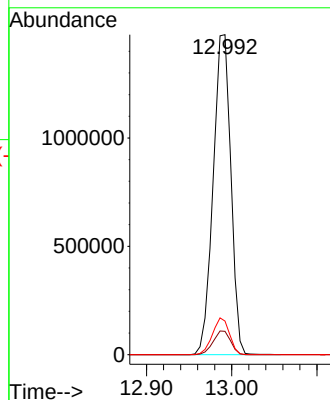
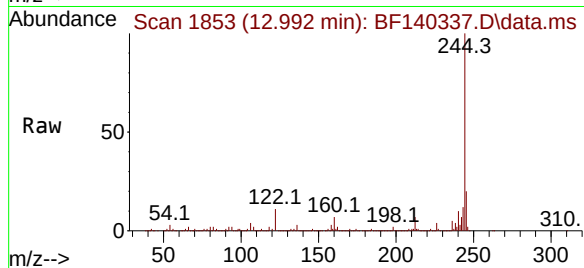
Tgt Ion:244 Resp: 2129859

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.5 8.8 13.2



#80

Butylbenzylphthalate

Concen: 50.971 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

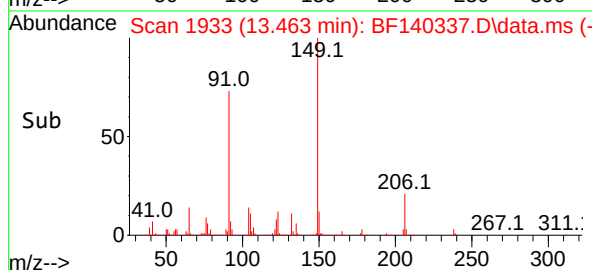
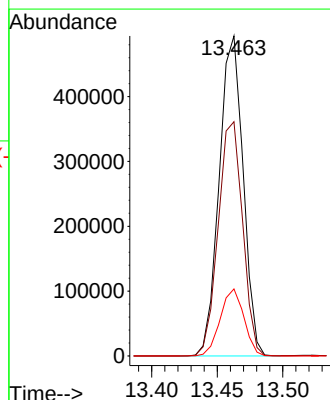
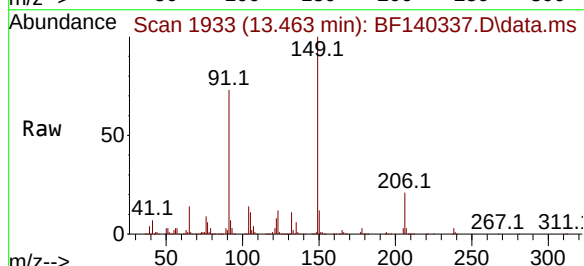
Tgt Ion:149 Resp: 626234

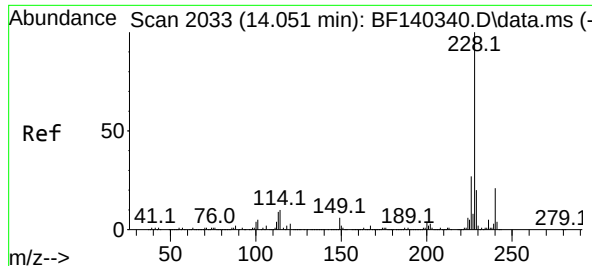
Ion Ratio Lower Upper

149 100

91 73.2 61.0 91.4

206 21.0 16.1 24.1

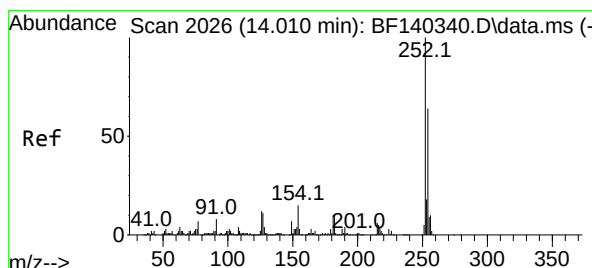
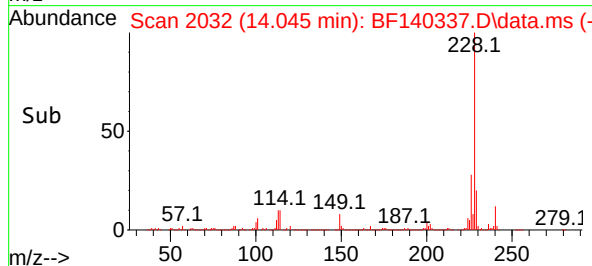
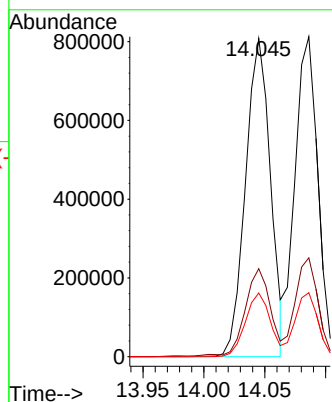
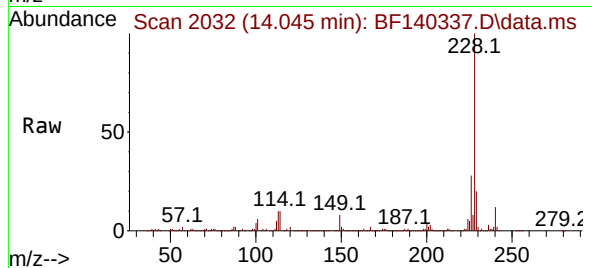




#81
Benzo(a)anthracene
Concen: 46.743 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

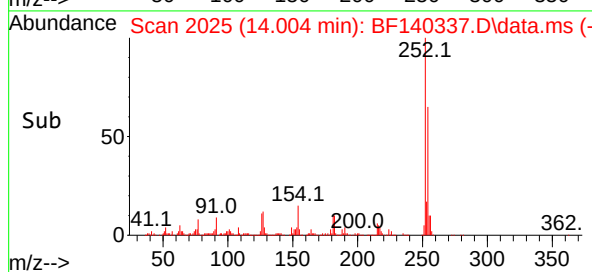
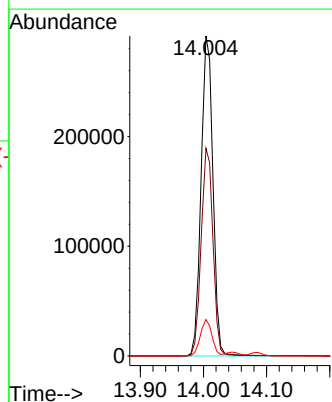
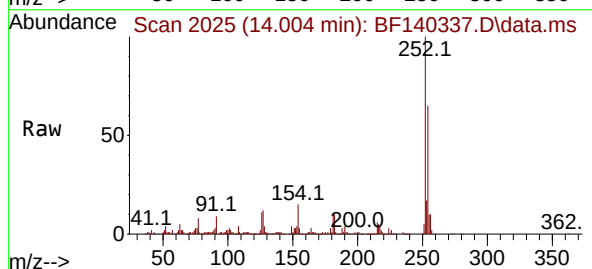
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

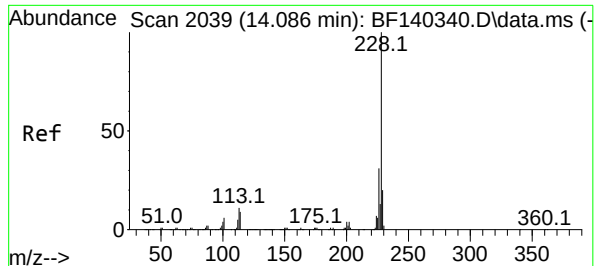
Tgt Ion:228 Resp: 1148657
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 48.617 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:252 Resp: 379732
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 11.4 9.4 14.0

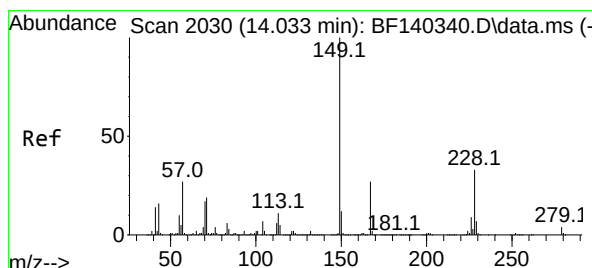
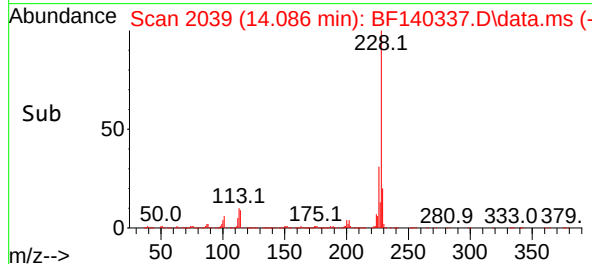
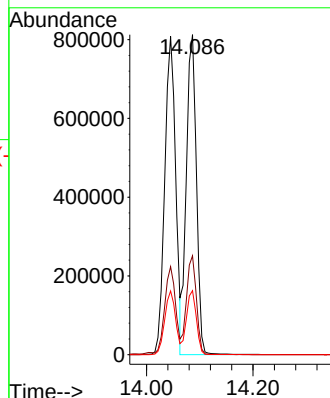
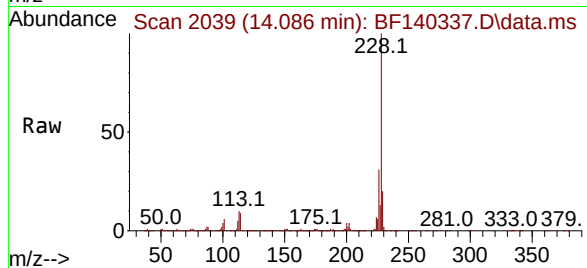




#83
Chrysene
Concen: 47.398 ng
RT: 14.086 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

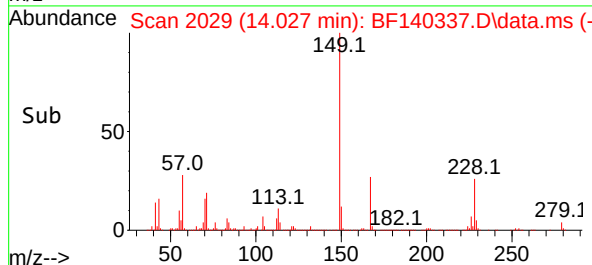
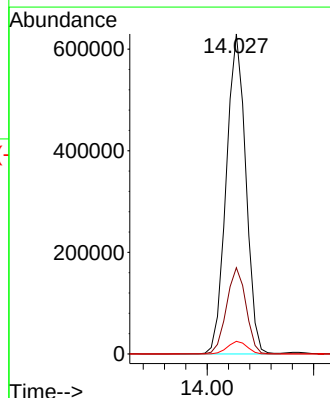
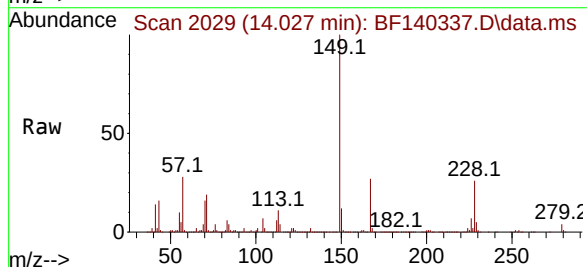
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

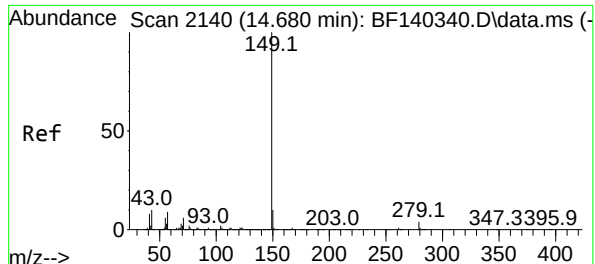
Tgt Ion:228 Resp: 1062734
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.894 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:149 Resp: 801820
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 3.9 3.0 4.6

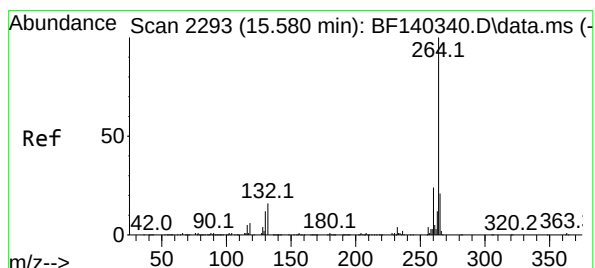
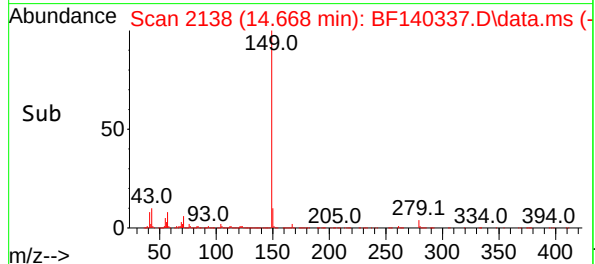
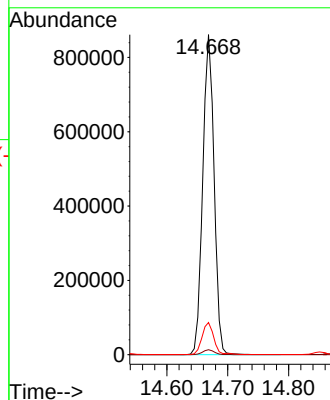
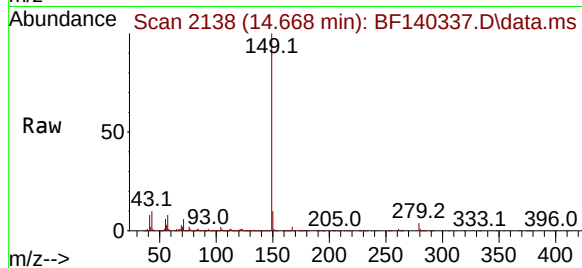




#85
Di-n-octyl phthalate
Concen: 48.030 ng
RT: 14.668 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

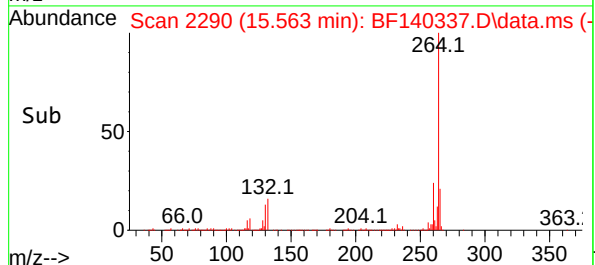
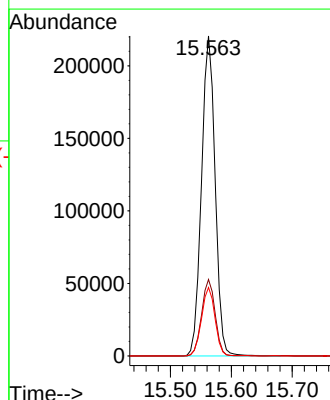
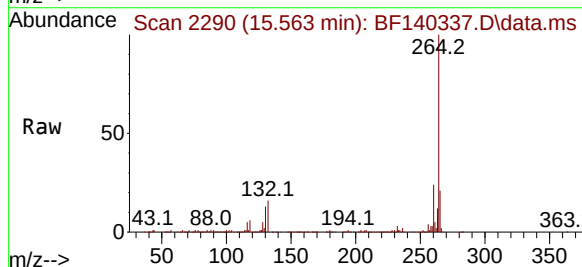
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

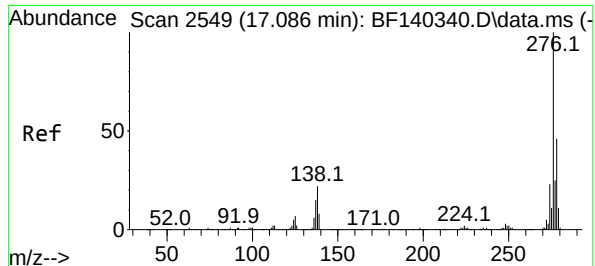
Tgt Ion:149 Resp: 1109314
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF140337.D
Acq: 13 Nov 2024 11:21

Tgt Ion:264 Resp: 343764
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.247 ng

RT: 17.074 min Scan# 2116

Delta R.T. 0.018 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

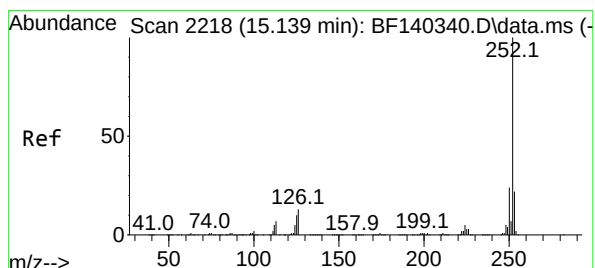
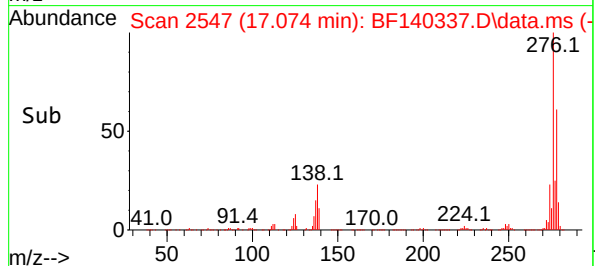
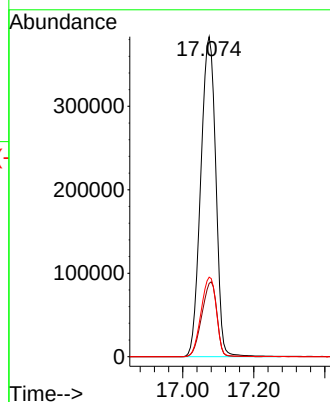
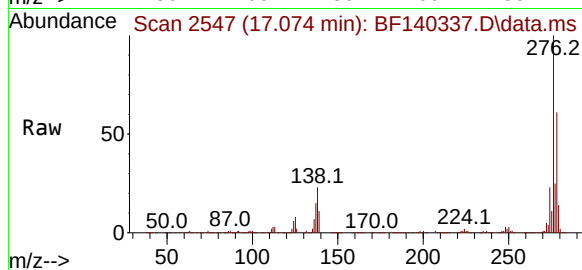
Tgt Ion:276 Resp: 1130711

Ion Ratio Lower Upper

276 100

138 23.4 18.8 28.2

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.198 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

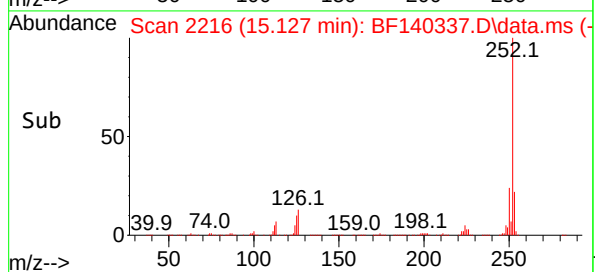
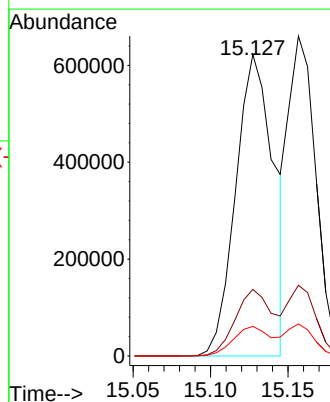
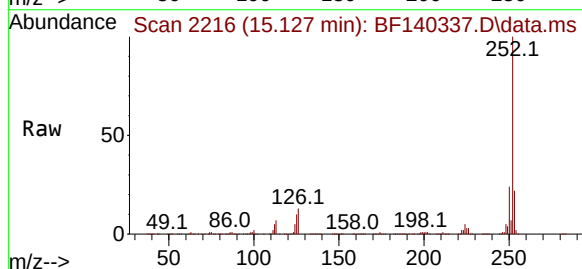
Tgt Ion:252 Resp: 1061367

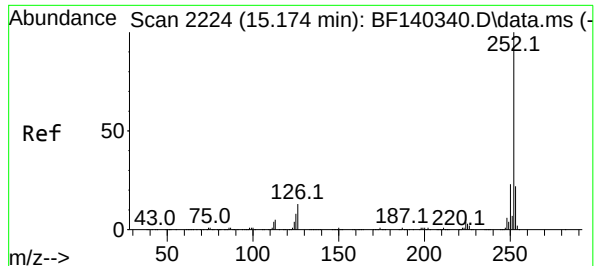
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 44.558 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

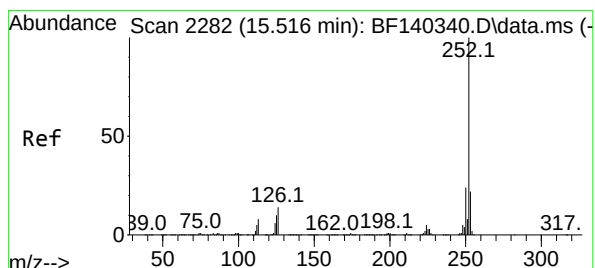
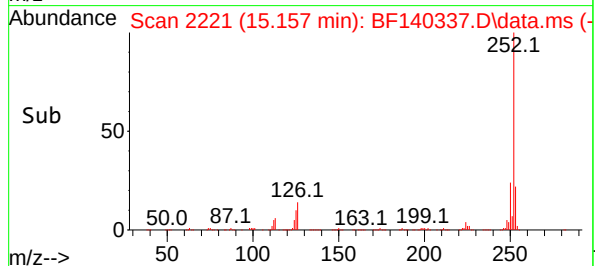
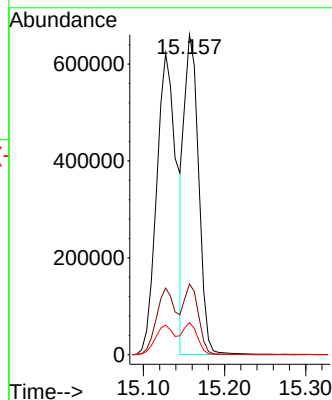
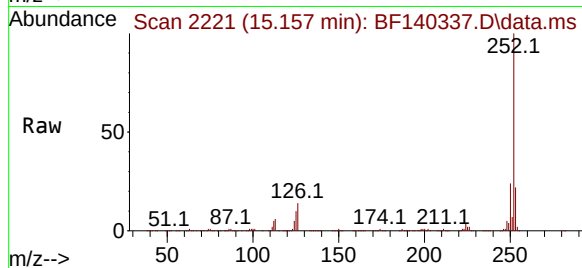
Tgt Ion:252 Resp: 818554

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.745 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

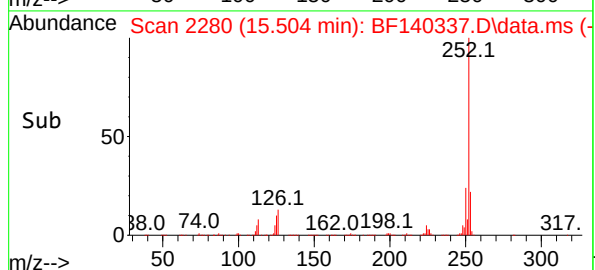
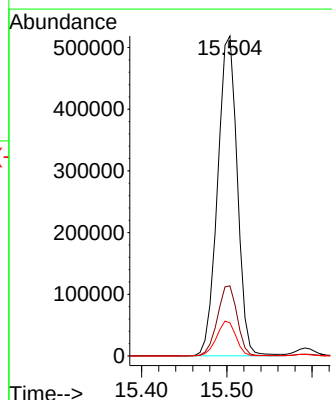
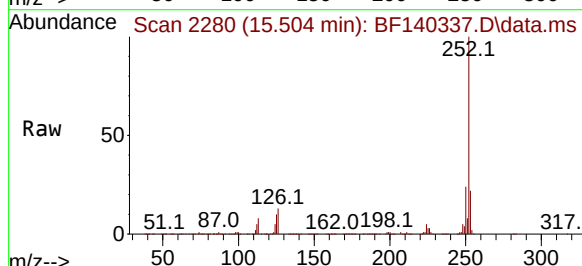
Tgt Ion:252 Resp: 833765

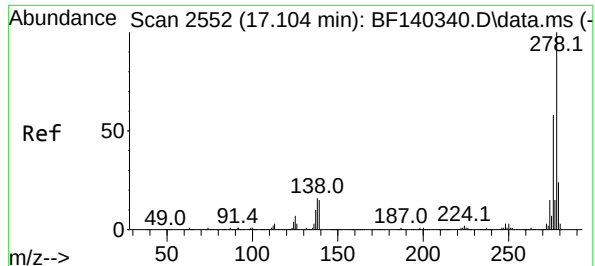
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.3 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 52.593 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

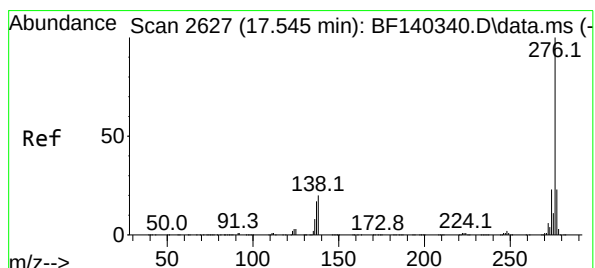
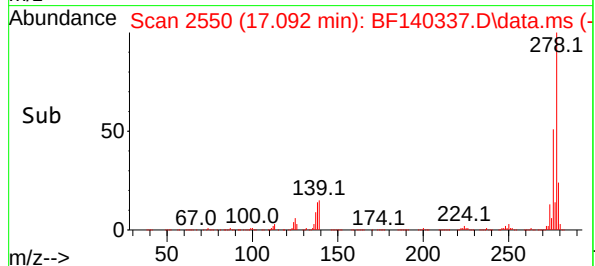
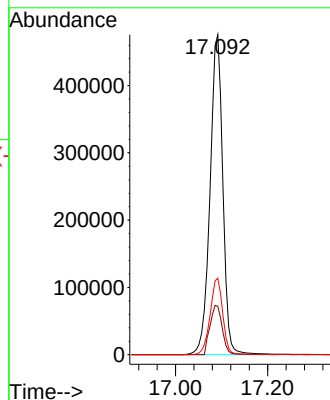
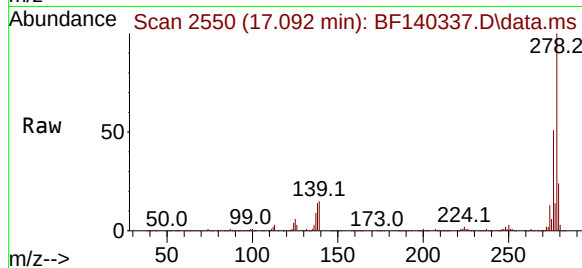
Tgt Ion:278 Resp: 923159

Ion Ratio Lower Upper

278 100

139 15.1 11.8 17.8

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 53.714 ng

RT: 17.533 min Scan# 2625

Delta R.T. 0.018 min

Lab File: BF140337.D

Acq: 13 Nov 2024 11:21

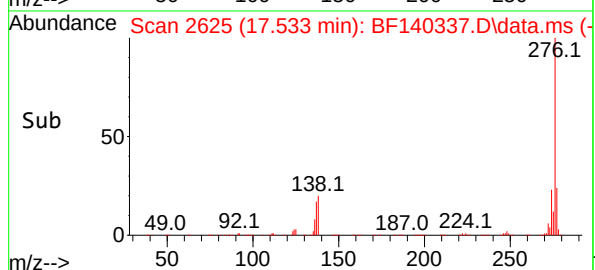
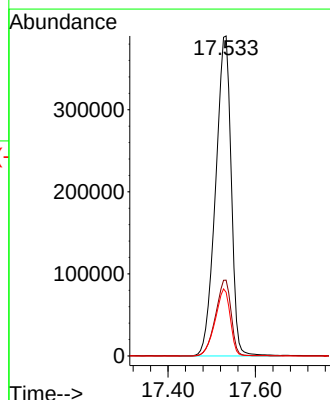
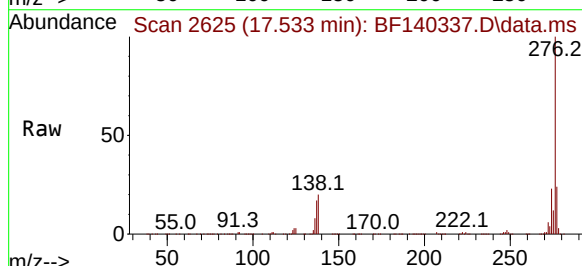
Tgt Ion:276 Resp: 963891

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 19.9 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140338.D
 Acq On : 13 Nov 2024 11:47
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 13 14:26:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	169226	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	626974	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	349852	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	653888	20.000	ng	0.00
76) Chrysene-d12	14.057	240	336717	20.000	ng	0.00
86) Perylene-d12	15.568	264	334279	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1135551	114.570	ng	0.00
7) Phenol-d6	6.516	99	1529819	113.924	ng	0.01
23) Nitrobenzene-d5	7.445	82	1426102	118.512	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	397743	114.327	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2330064	107.065	ng	0.00
79) Terphenyl-d14	12.992	244	2404917	123.975	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.646	88	257092	58.199	ng	Qvalue 99
3) Pyridine	3.416	79	627905	57.818	ng	100
4) n-Nitrosodimethylamine	3.387	42	340452	62.027	ng	97
6) Aniline	6.545	93	644899	55.207	ng	# 84
8) 2-Chlorophenol	6.669	128	601333	56.481	ng	99
9) Benzaldehyde	6.434	77	397310	49.367	ng	99
10) Phenol	6.528	94	810917	57.263	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	633964	59.083	ng	98
12) 1,3-Dichlorobenzene	6.822	146	668862	56.939	ng	99
13) 1,4-Dichlorobenzene	6.898	146	673261	56.523	ng	99
14) 1,2-Dichlorobenzene	7.051	146	616097	55.716	ng	98
15) Benzyl Alcohol	7.022	79	562583	58.150	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	855004	57.688	ng	93
17) 2-Methylphenol	7.134	107	515819	58.895	ng	98
18) Hexachloroethane	7.392	117	256957	58.354	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	459430	56.648	ng	99
20) 3+4-Methylphenols	7.286	107	608092	55.518	ng	99
22) Acetophenone	7.292	105	829586	56.891	ng	# 98
24) Nitrobenzene	7.469	77	740612	59.113	ng	99
25) Isophorone	7.704	82	1261423	59.147	ng	100
26) 2-Nitrophenol	7.781	139	339960	61.146	ng	99
27) 2,4-Dimethylphenol	7.810	122	426510	59.920	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	760029	58.119	ng	99
29) 2,4-Dichlorophenol	8.022	162	511715	58.170	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	566322	57.824	ng	100
31) Naphthalene	8.186	128	1796725	56.491	ng	99
32) Benzoic acid	7.957	122	425502	68.049	ng	97
33) 4-Chloroaniline	8.239	127	639243	57.793	ng	100
34) Hexachlorobutadiene	8.298	225	358172	57.398	ng	100
35) Caprolactam	8.622	113	178777	60.447	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	571401	58.614	ng	100
37) 2-Methylnaphthalene	8.875	142	1141963	55.995	ng	100
38) 1-Methylnaphthalene	8.975	142	1113216	55.742	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	542595	56.085	ng	100
41) Hexachlorocyclopentadiene	9.022	237	166455	67.012	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	369027	58.123	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140338.D
Acq On : 13 Nov 2024 11:47
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 13 14:26:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

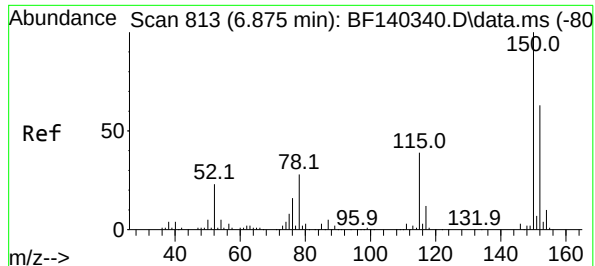
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	408838	58.897	ng	99
46) 1,1'-Biphenyl	9.339	154	1409617	55.384	ng	100
47) 2-Chloronaphthalene	9.363	162	1100798	56.777	ng	99
48) 2-Nitroaniline	9.457	65	384307	59.769	ng	96
49) Acenaphthylene	9.780	152	1628948	55.531	ng	99
50) Dimethylphthalate	9.639	163	1305952	57.269	ng	100
51) 2,6-Dinitrotoluene	9.704	165	303778	58.434	ng	99
52) Acenaphthene	9.951	154	1132725	57.171	ng	100
53) 3-Nitroaniline	9.875	138	313217	57.370	ng	100
54) 2,4-Dinitrophenol	9.980	184	178562	66.606	ng	99
55) Dibenzofuran	10.122	168	1538256	54.845	ng	99
56) 4-Nitrophenol	10.033	139	249200	62.577	ng	99
57) 2,4-Dinitrotoluene	10.110	165	401261	58.647	ng	96
58) Fluorene	10.469	166	1193733	53.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	317173	57.919	ng	99
60) Diethylphthalate	10.339	149	1308229	56.104	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	594806	54.376	ng	99
62) 4-Nitroaniline	10.492	138	328847	58.909	ng	100
63) Azobenzene	10.616	77	1305799	56.677	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	234662	66.702	ng	97
66) n-Nitrosodiphenylamine	10.580	169	1061092	56.163	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	369051	56.461	ng	97
68) Hexachlorobenzene	11.016	284	422038	57.387	ng	98
69) Atrazine	11.104	200	402831	70.474	ng	99
70) Pentachlorophenol	11.210	266	255229	64.427	ng	99
71) Phenanthrene	11.427	178	1669857	54.363	ng	99
72) Anthracene	11.480	178	1644863	54.639	ng	99
73) Carbazole	11.633	167	1635888	55.034	ng	99
74) Di-n-butylphthalate	11.963	149	2005925	56.225	ng	100
75) Fluoranthene	12.621	202	1830547	53.118	ng	99
77) Benzidine	12.739	184	963069	74.521	ng	99
78) Pyrene	12.851	202	1817826	63.115	ng	99
80) Butylbenzylphthalate	13.463	149	687900	62.173	ng	98
81) Benzo(a)anthracene	14.045	228	1306865	59.054	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	419937	59.701	ng	100
83) Chrysene	14.086	228	1134734	56.198	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	877334	59.407	ng	99
85) Di-n-octyl phthalate	14.674	149	1253939	60.287	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1357877	65.759	ng	100
88) Benzo(b)fluoranthene	15.133	252	1236880	56.564	ng	100
89) Benzo(k)fluoranthene	15.162	252	937366	52.473	ng	98
90) Benzo(a)pyrene	15.509	252	982982	57.887	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	1124071	65.856	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1149411	65.870	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

- 1
- 2
- 3
- 4
- 5
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- 10
- 11**
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- 13
- 14
- 15
- 16
- 17

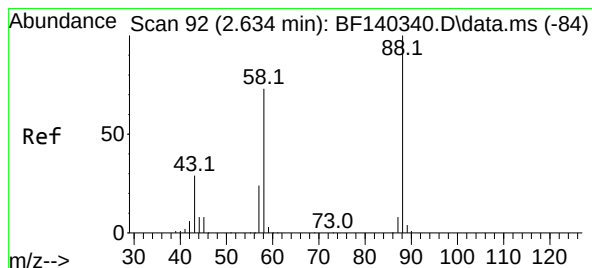
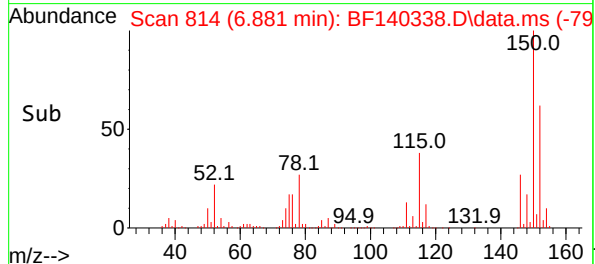
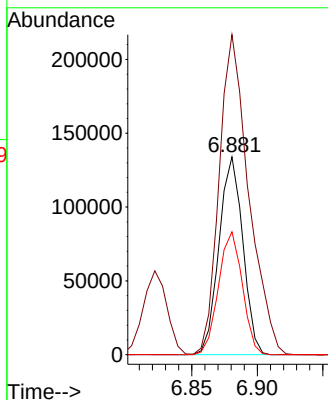
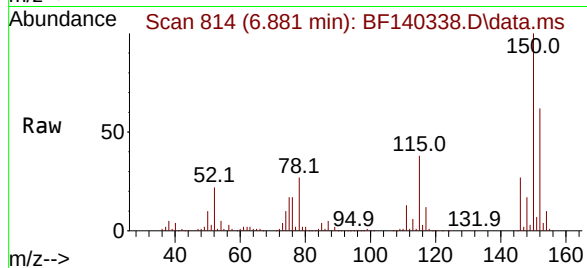




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

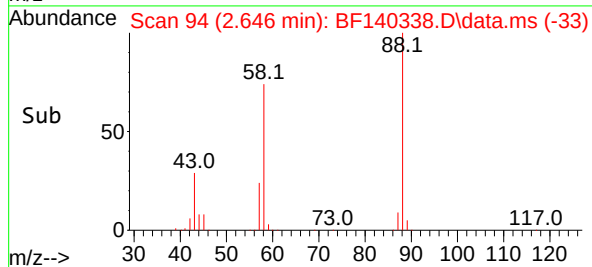
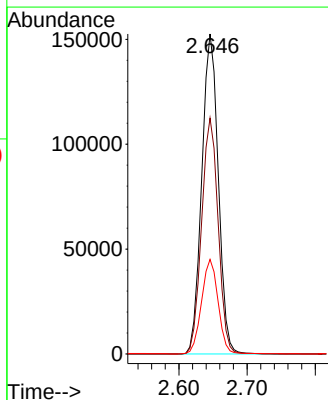
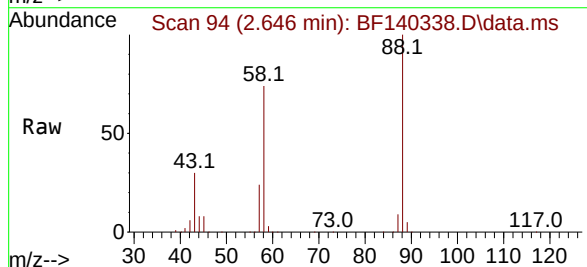
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

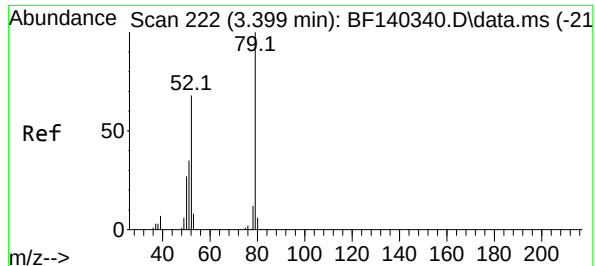
Tgt Ion:152 Resp: 169226
Ion Ratio Lower Upper
152 100
150 161.7 127.4 191.0
115 62.1 47.4 71.2



#2
1,4-Dioxane
Concen: 58.199 ng
RT: 2.646 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion: 88 Resp: 257092
Ion Ratio Lower Upper
88 100
58 73.7 59.5 89.3
43 29.6 23.4 35.2





#3

Pyridine

Concen: 57.818 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

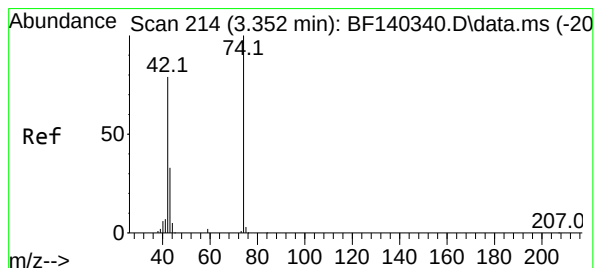
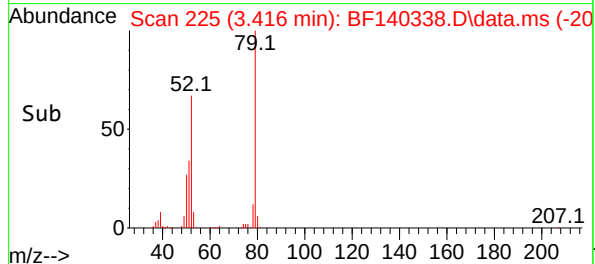
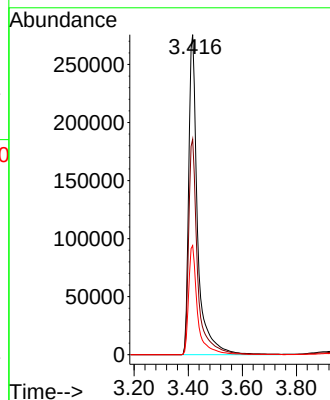
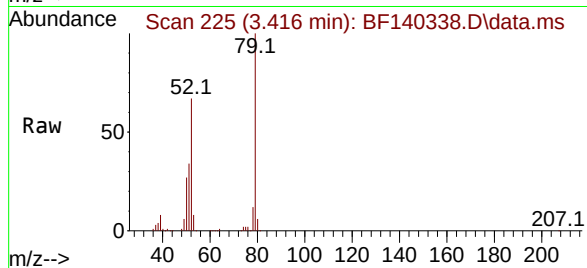
Tgt Ion: 79 Resp: 627905

Ion Ratio Lower Upper

79 100

52 67.3 53.8 80.6

51 34.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 62.027 ng

RT: 3.387 min Scan# 220

Delta R.T. 0.029 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

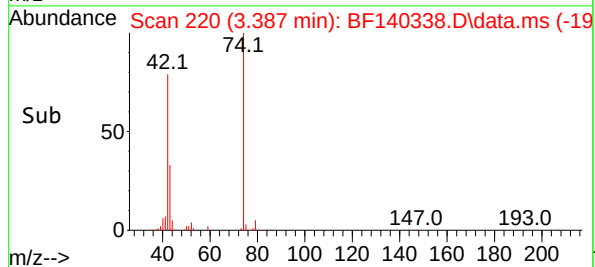
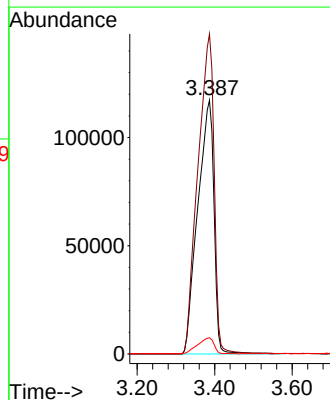
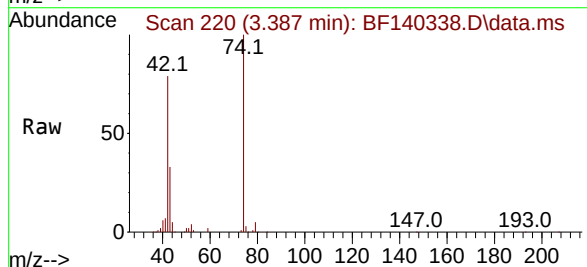
Tgt Ion: 42 Resp: 340452

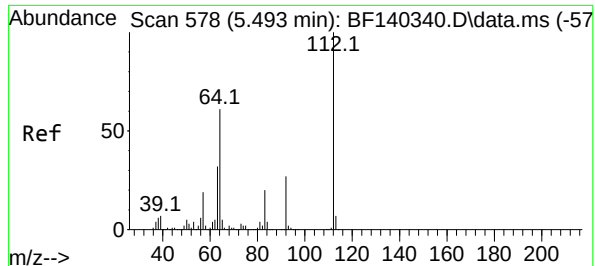
Ion Ratio Lower Upper

42 100

74 126.1 103.5 155.3

44 6.3 5.1 7.7

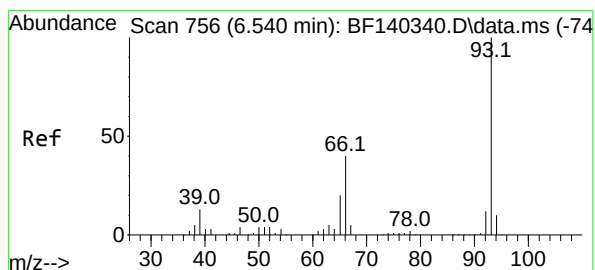
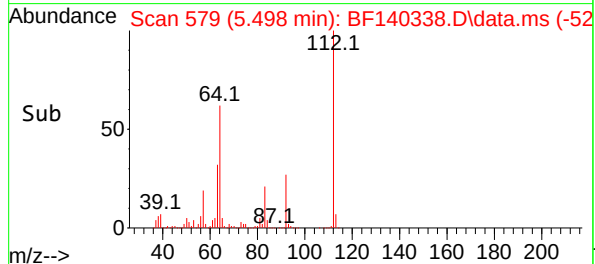
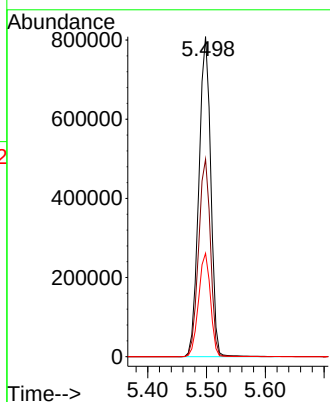
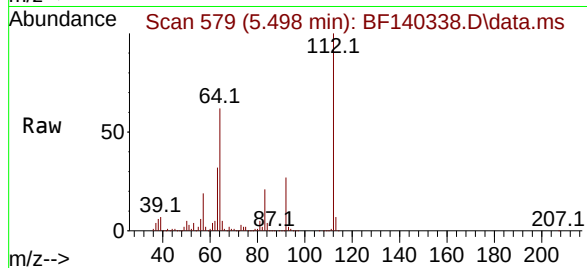




#5
2-Fluorophenol
Concen: 114.570 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

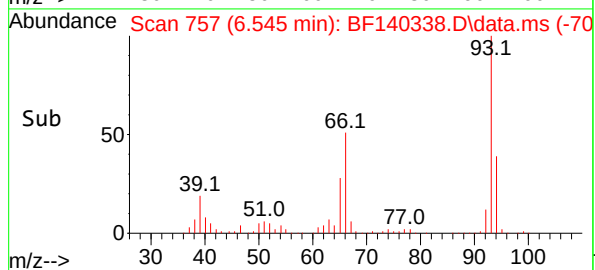
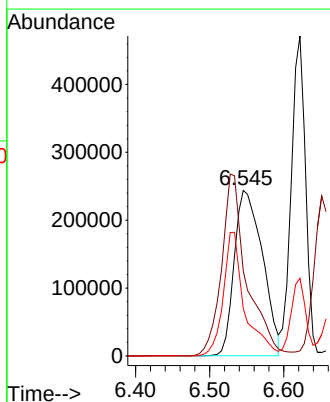
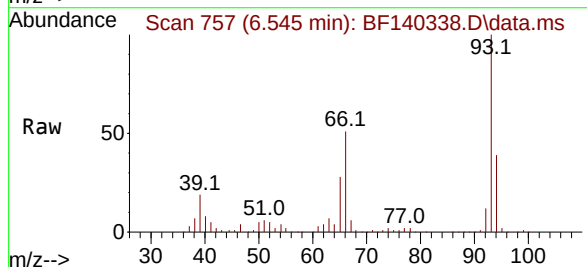
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

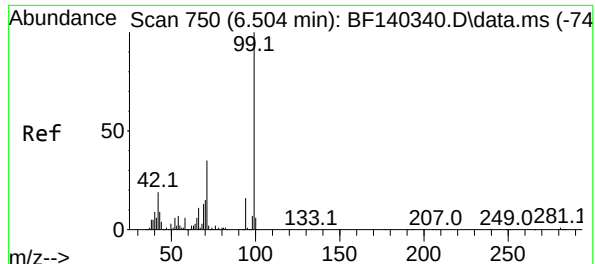
Tgt Ion:112 Resp: 1135551
Ion Ratio Lower Upper
112 100
64 61.7 49.2 73.8
63 32.3 25.6 38.4



#6
Aniline
Concen: 55.207 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion: 93 Resp: 644899
Ion Ratio Lower Upper
93 100
66 51.1 32.8 49.2#
65 28.5 16.6 25.0#

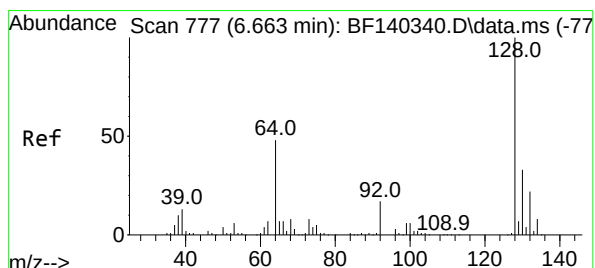
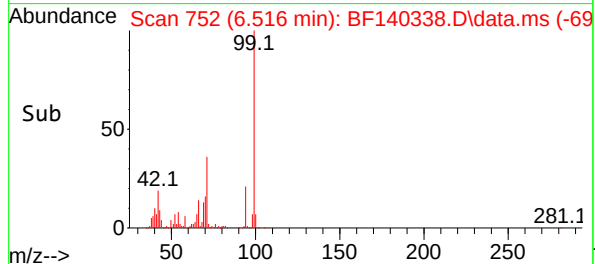
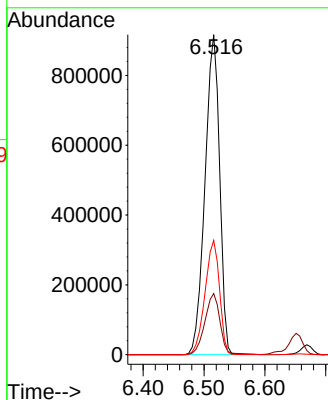
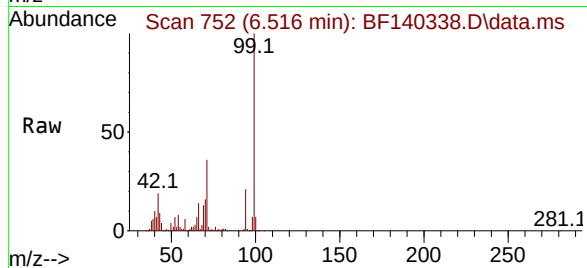




#7
Phenol-d6
Concen: 113.924 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

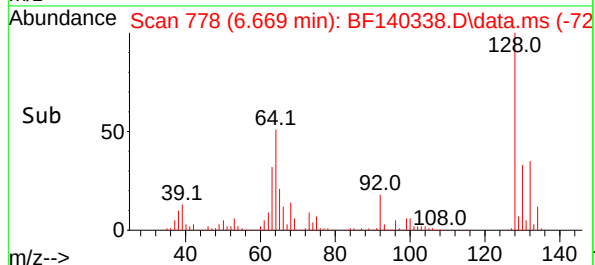
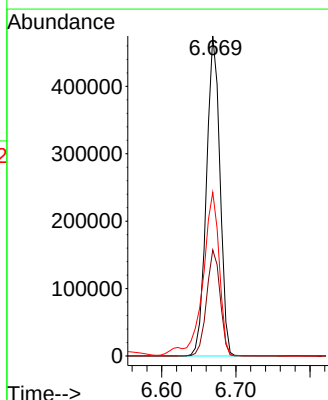
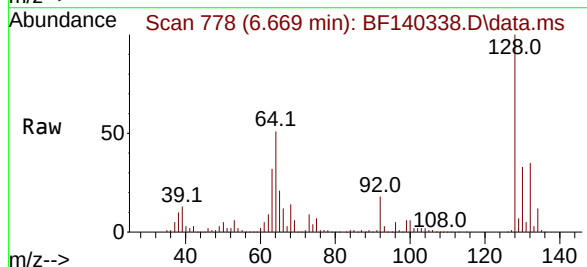
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

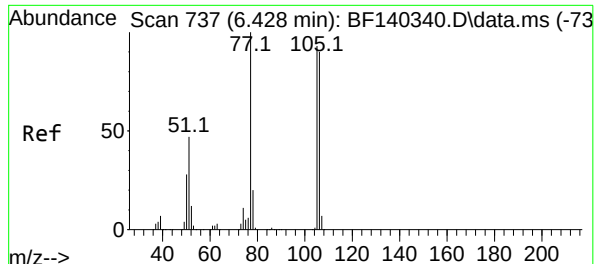
Tgt Ion: 99 Resp: 1529819
Ion Ratio Lower Upper
99 100
42 19.1 15.1 22.7
71 35.7 27.9 41.9



#8
2-Chlorophenol
Concen: 56.481 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion: 128 Resp: 601333
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 51.1 30.2 70.2

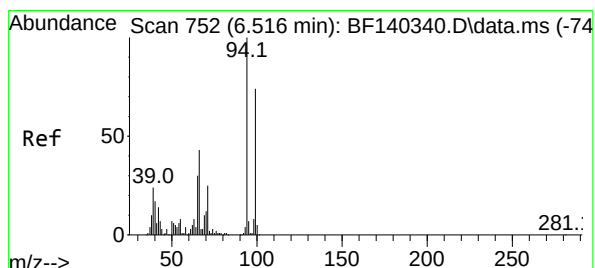
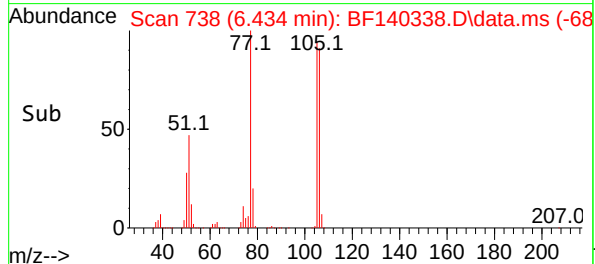
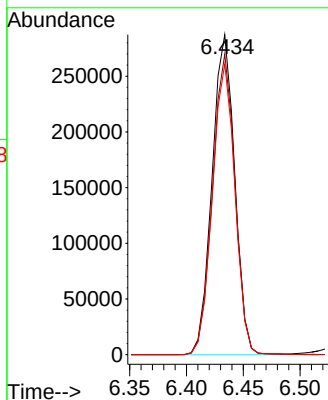
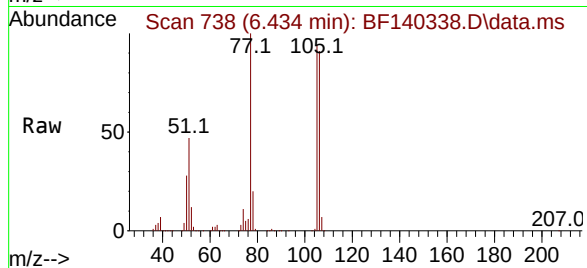




#9
Benzaldehyde
Concen: 49.367 ng
RT: 6.434 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

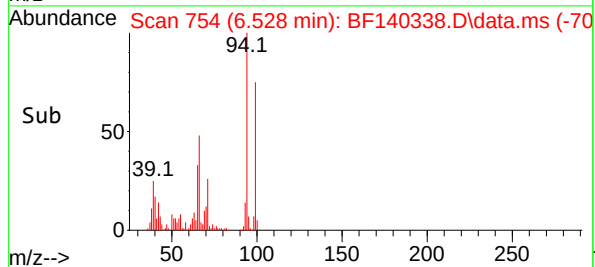
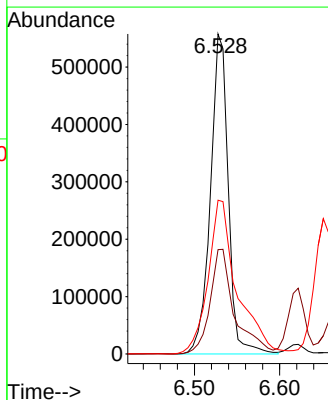
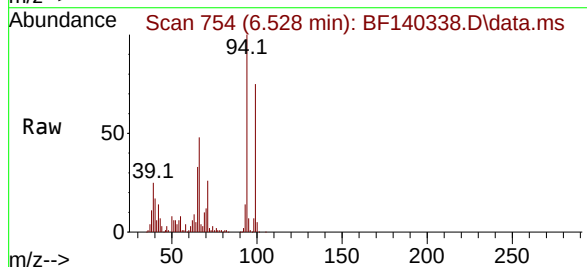
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

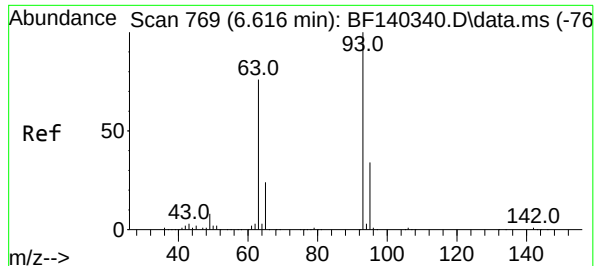
Tgt Ion: 77 Resp: 397310
Ion Ratio Lower Upper
77 100
105 94.0 74.4 114.4
106 90.9 69.9 109.9



#10
Phenol
Concen: 57.263 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion: 94 Resp: 810917
Ion Ratio Lower Upper
94 100
65 32.6 10.4 50.4
66 48.1 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 59.083 ng

RT: 6.622 min Scan# 770

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

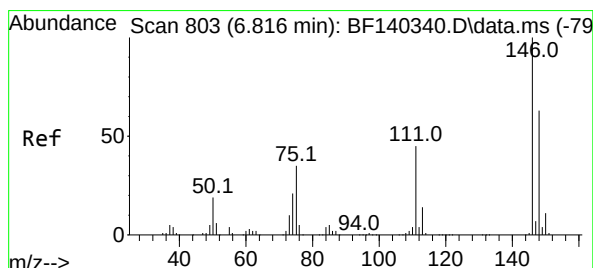
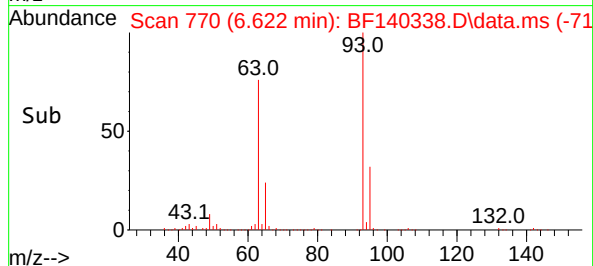
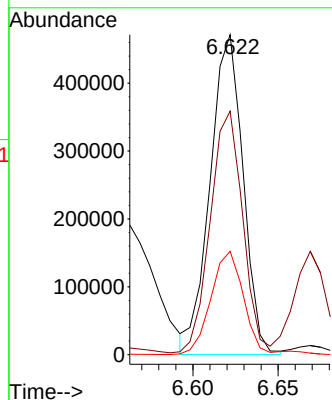
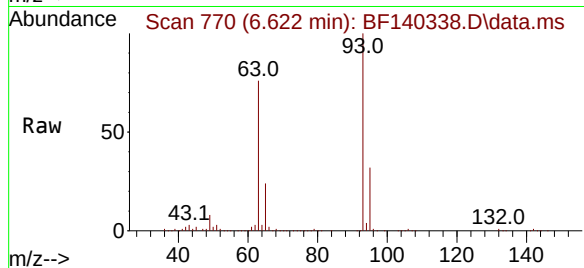
Tgt Ion: 93 Resp: 633964

Ion Ratio Lower Upper

93 100

63 76.1 54.0 94.0

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 56.939 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

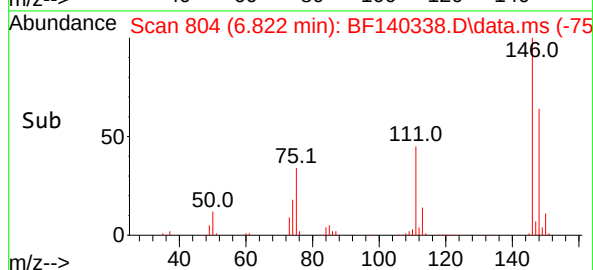
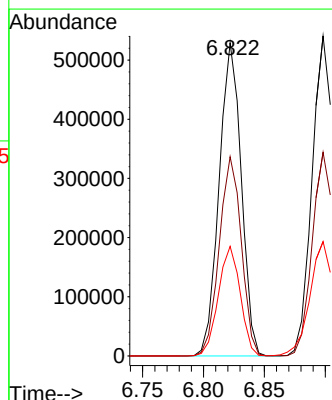
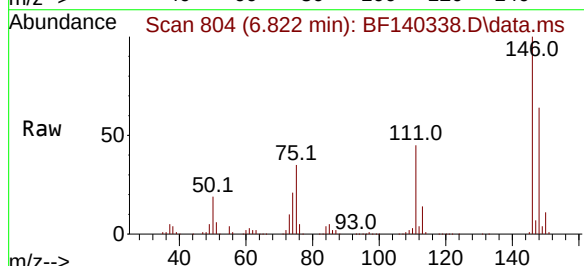
Tgt Ion: 146 Resp: 668862

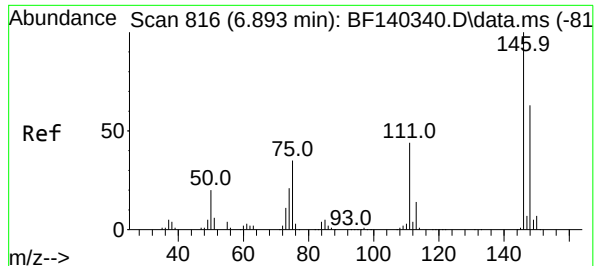
Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

75 35.0 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 56.523 ng

RT: 6.898 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

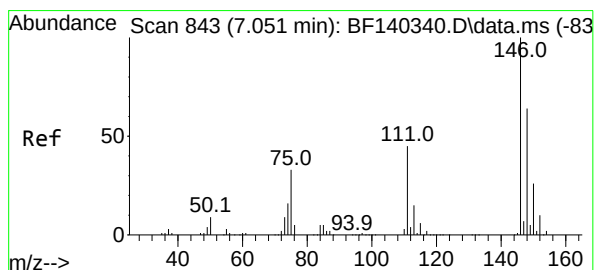
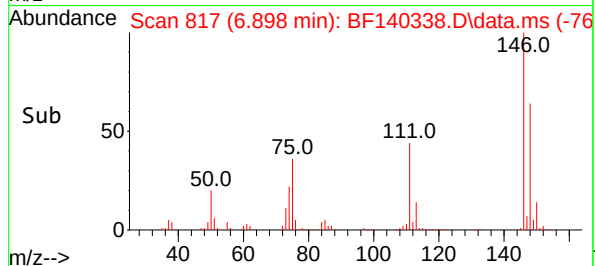
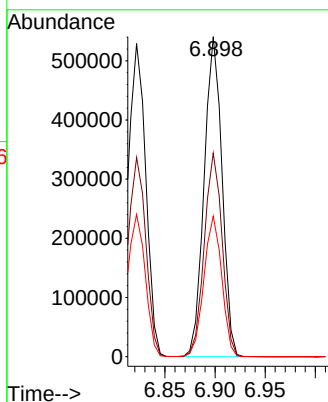
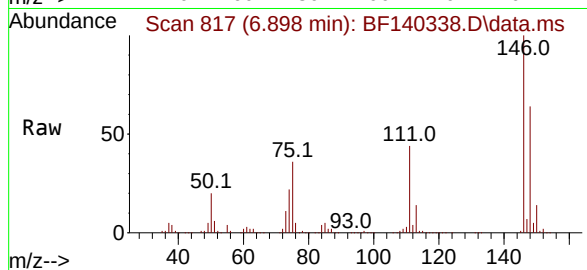
Tgt Ion:146 Resp: 673261

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 43.9 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 55.716 ng

RT: 7.051 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

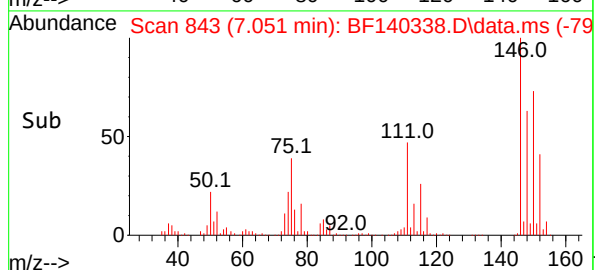
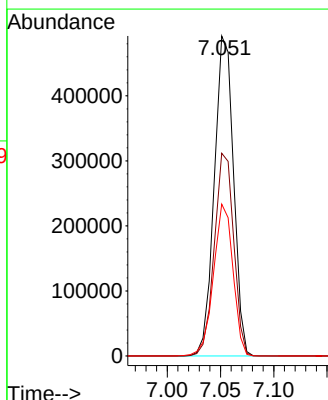
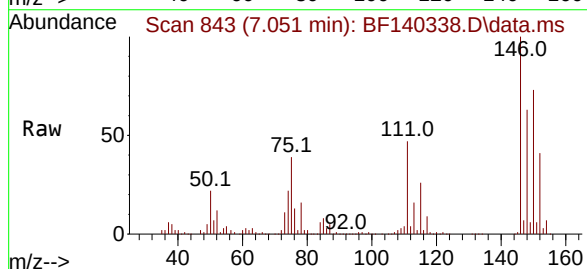
Tgt Ion:146 Resp: 616097

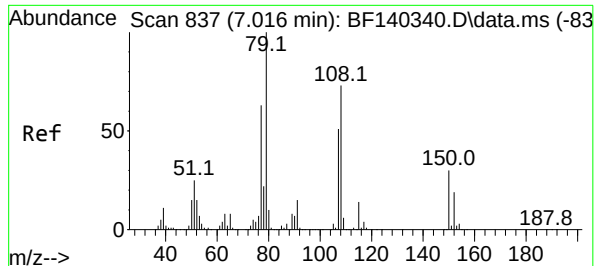
Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

111 47.5 36.5 54.7





#15

Benzyl Alcohol

Concen: 58.150 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

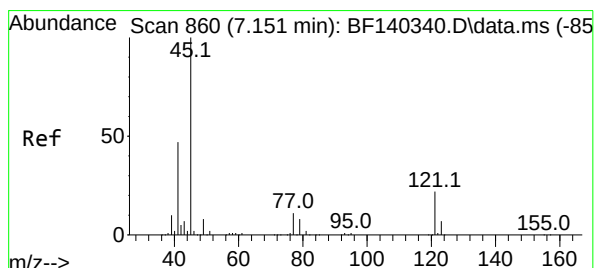
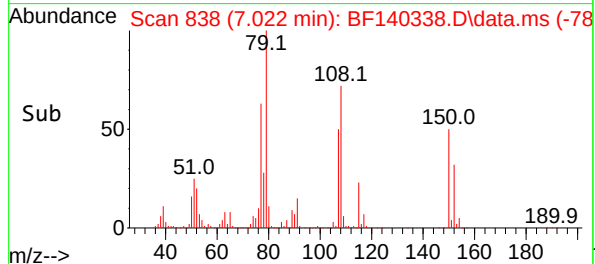
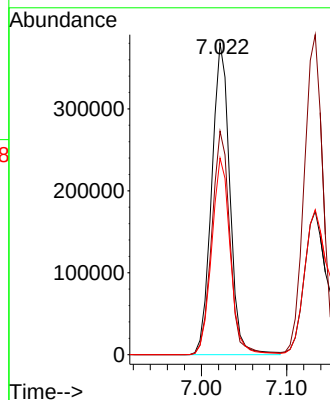
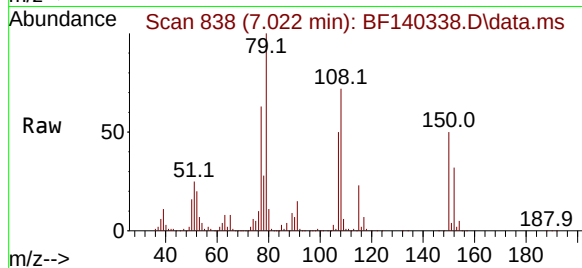
Tgt Ion: 79 Resp: 562583

Ion Ratio Lower Upper

79 100

108 71.8 57.8 86.6

77 63.1 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.688 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

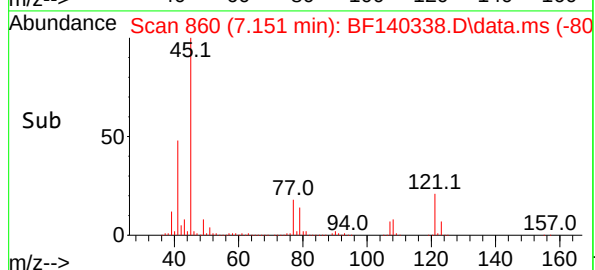
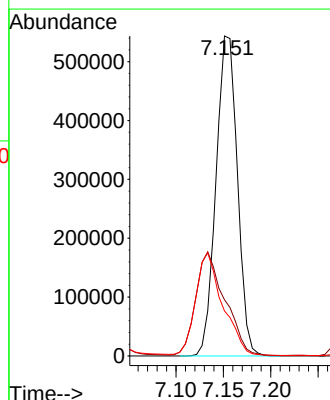
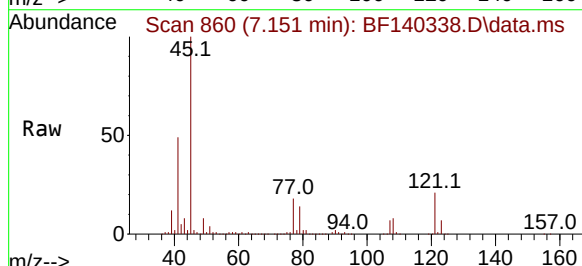
Tgt Ion: 45 Resp: 855004

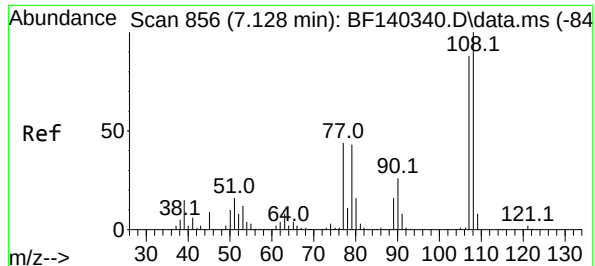
Ion Ratio Lower Upper

45 100

77 17.6 0.0 34.8

79 14.1 0.0 31.4

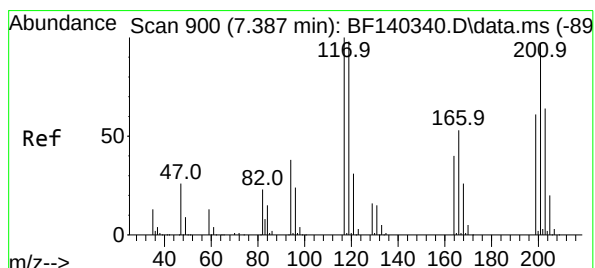
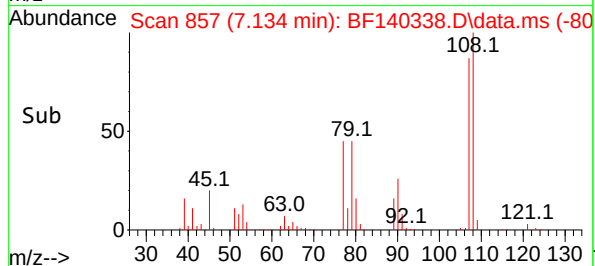
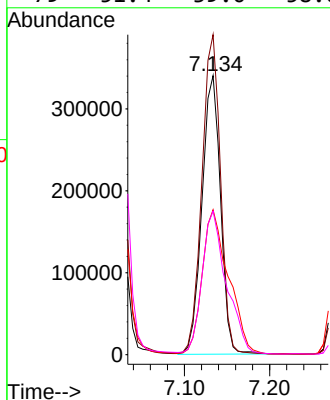
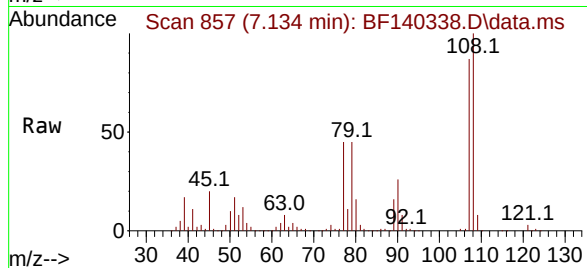




#17
2-Methylphenol
Concen: 58.895 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

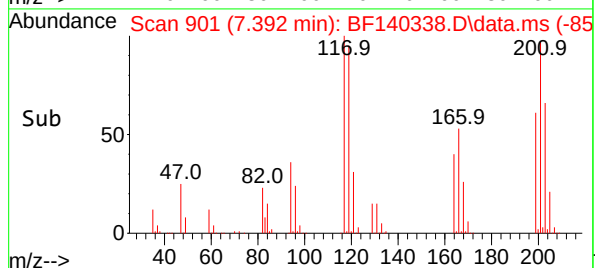
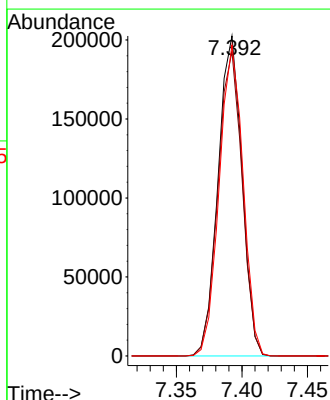
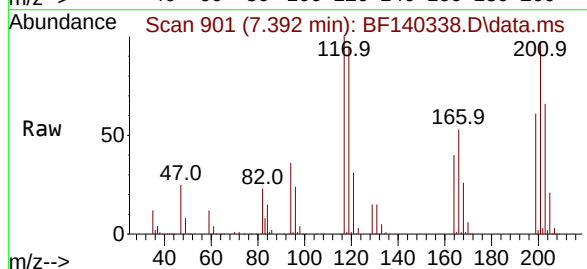
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

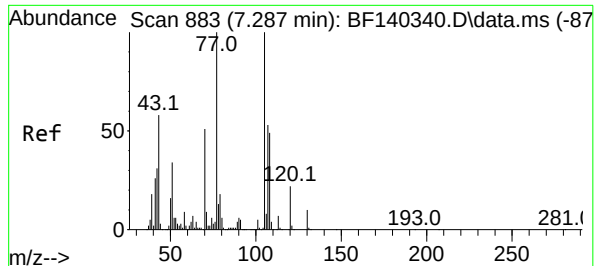
Tgt Ion:	107	Resp:	515819
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.9	137.9
77	52.0	39.7	59.5
79	51.4	39.0	58.6



#18
Hexachloroethane
Concen: 58.354 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:	117	Resp:	256957
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.9	115.3
201	97.2	80.2	120.4





#19

n-Nitroso-di-n-propylamine

Concen: 56.648 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.006 min

Lab File: BF140338.D

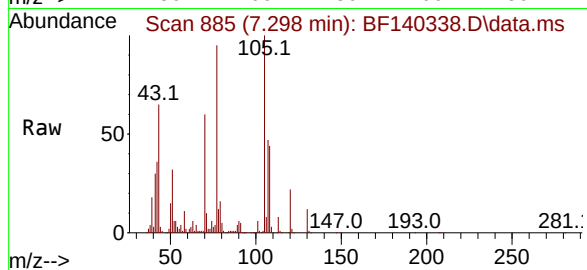
Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 459430

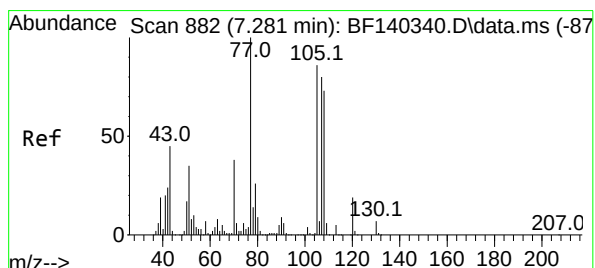
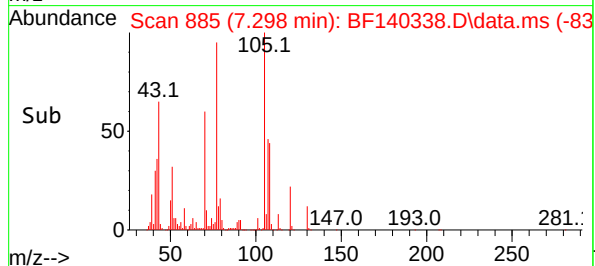
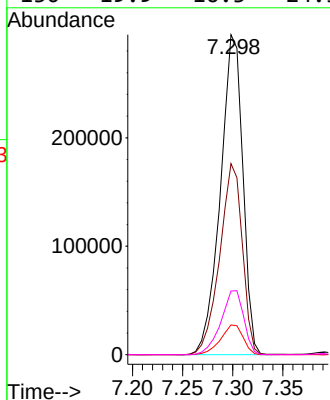
Ion Ratio Lower Upper

70 100

42 59.7 46.8 70.2

101 9.3 7.5 11.3

130 19.9 16.3 24.5



#20

3+4-Methylphenols

Concen: 55.518 ng

RT: 7.286 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Tgt Ion: 107 Resp: 608092

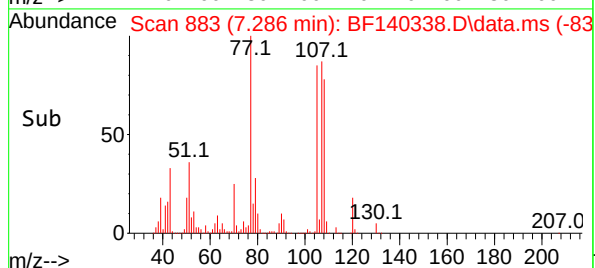
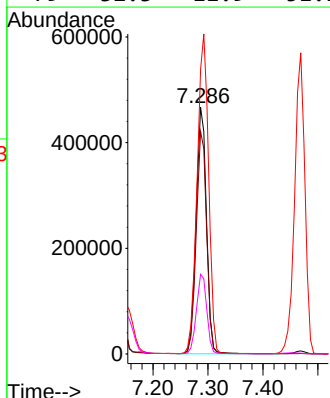
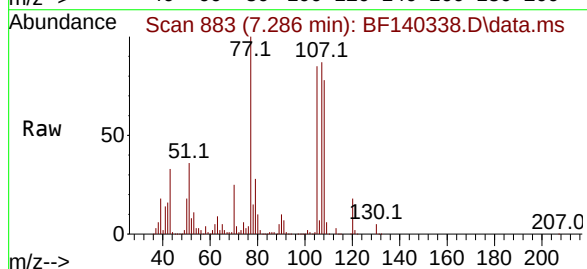
Ion Ratio Lower Upper

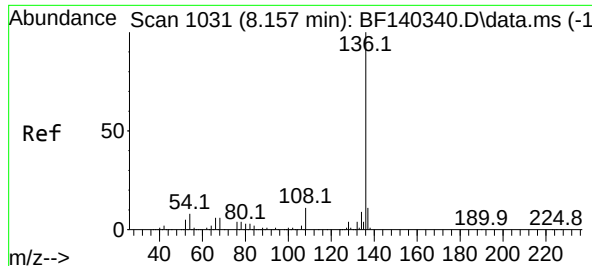
107 100

108 90.2 71.4 111.4

77 115.5 97.0 137.0

79 32.3 11.9 51.9

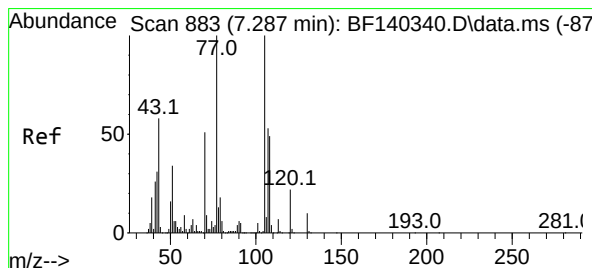
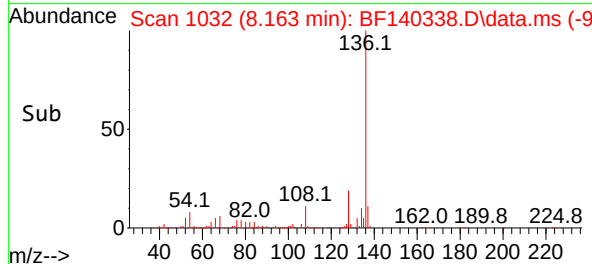
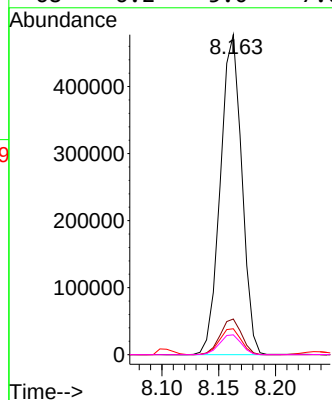
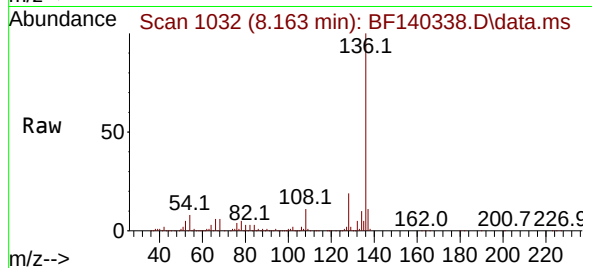




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

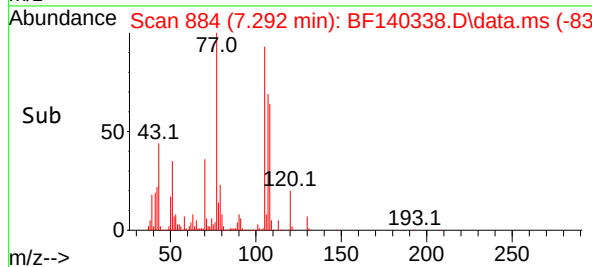
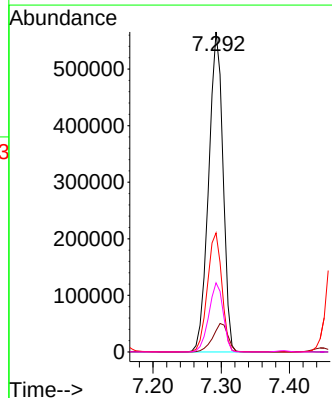
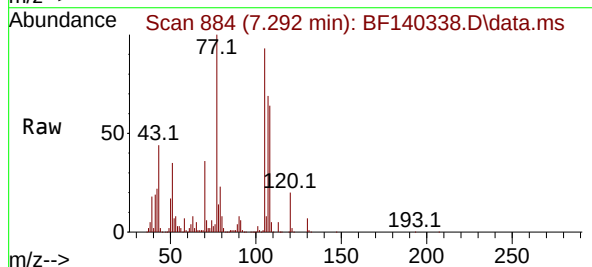
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

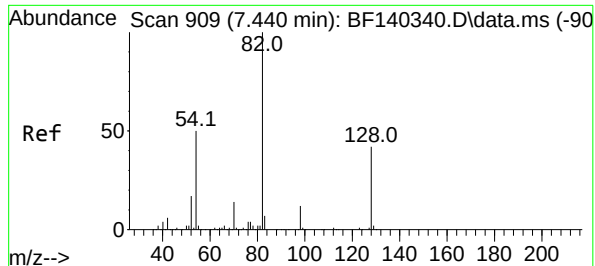
Tgt Ion:136 Resp: 626974
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.1 6.5 9.7
68 6.2 5.0 7.6



#22
Acetophenone
Concen: 56.891 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:105 Resp: 829586
Ion Ratio Lower Upper
105 100
71 6.7 6.9 10.3#
51 37.2 28.6 43.0
120 21.6 17.2 25.8





#23

Nitrobenzene-d5

Concen: 118.512 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

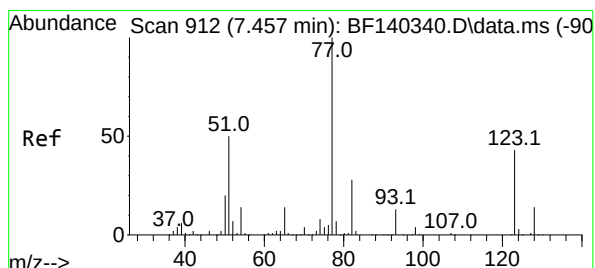
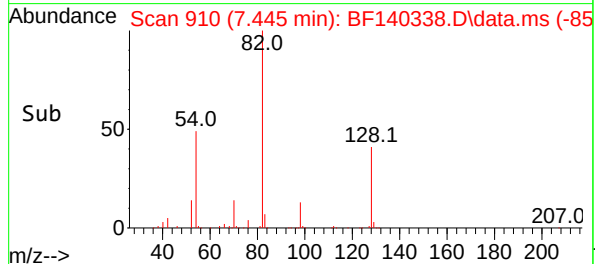
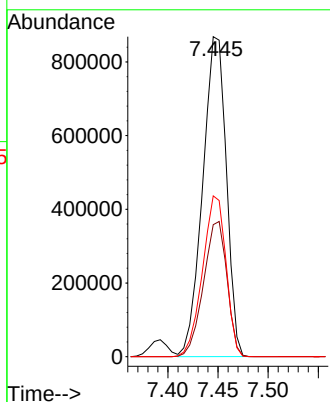
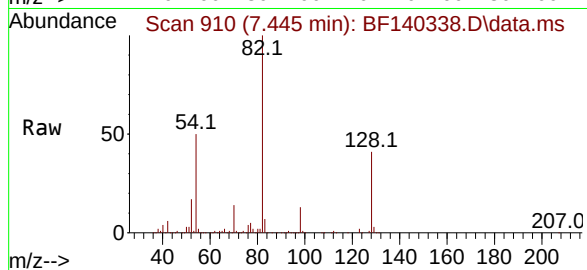
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1426102

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	50.3	39.8	59.8



#24

Nitrobenzene

Concen: 59.113 ng

RT: 7.469 min Scan# 914

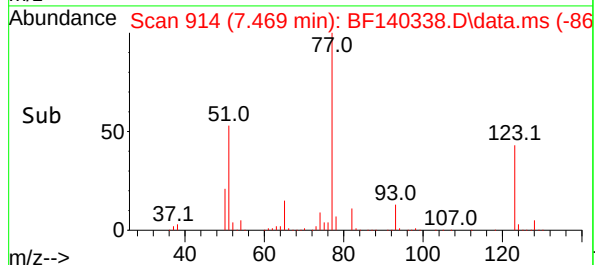
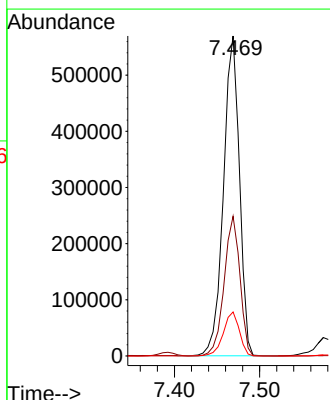
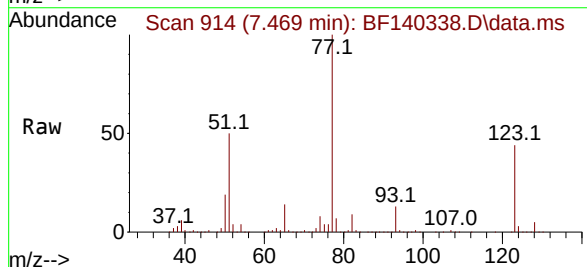
Delta R.T. 0.006 min

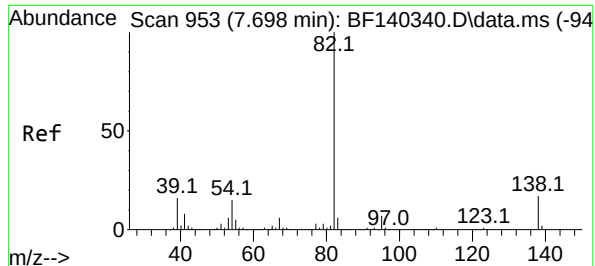
Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Tgt Ion: 77 Resp: 740612

Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.4	53.0
65	13.8	11.1	16.7

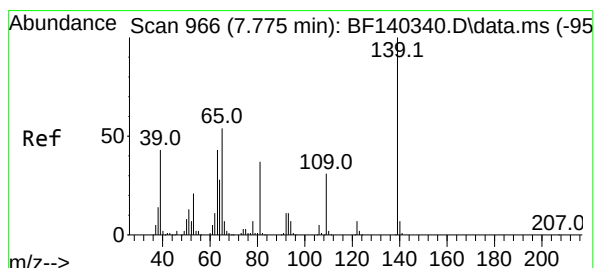
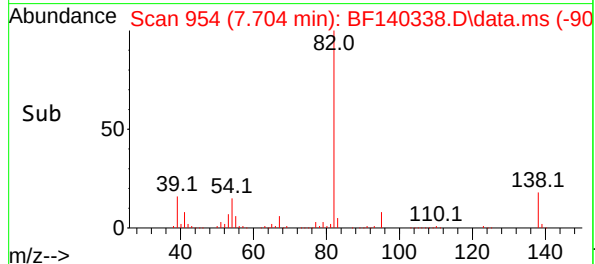
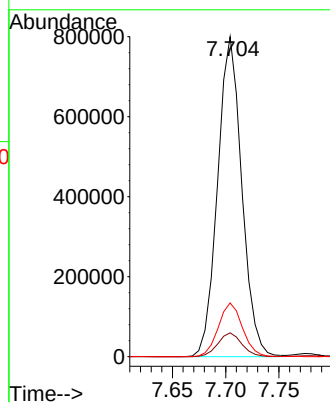
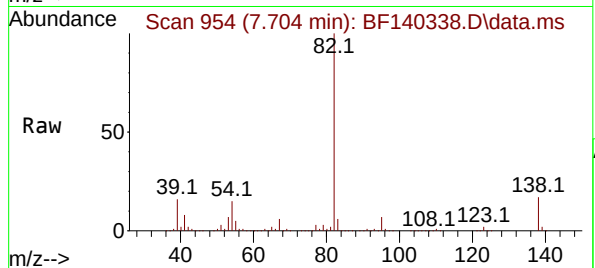




#25
Isophorone
Concen: 59.147 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

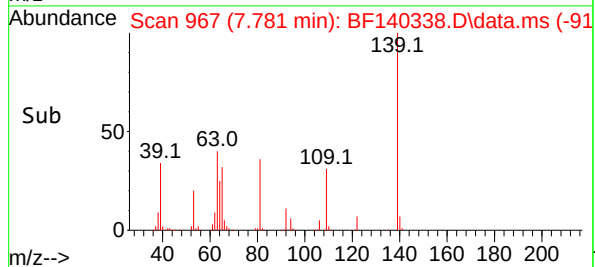
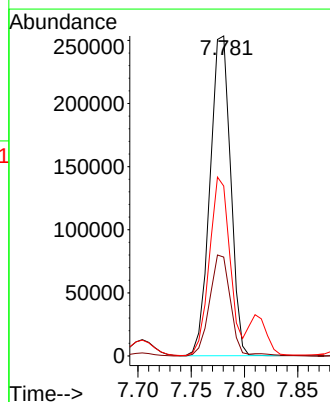
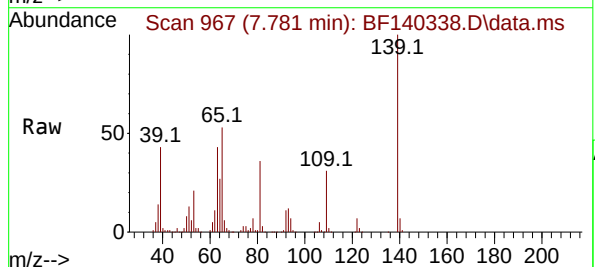
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

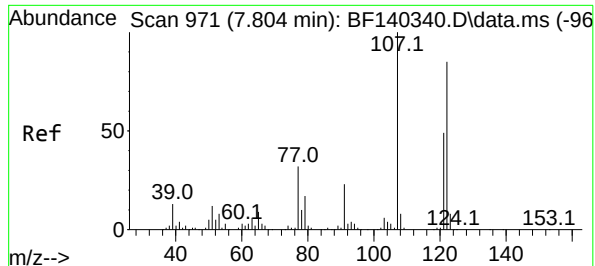
Tgt Ion: 82 Resp: 1261423
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 16.8 13.4 20.2



#26
2-Nitrophenol
Concen: 61.146 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion: 139 Resp: 339960
Ion Ratio Lower Upper
139 100
109 30.9 24.4 36.6
65 53.1 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 59.920 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

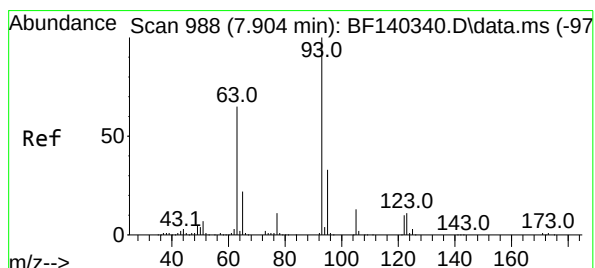
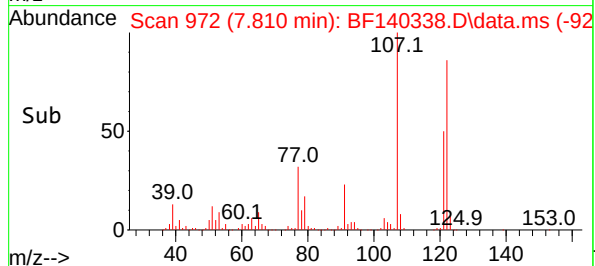
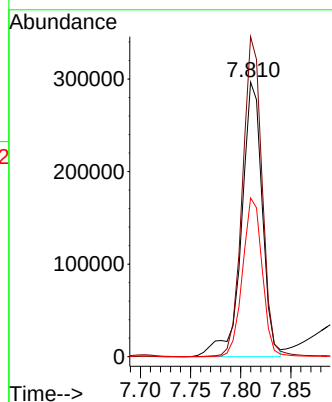
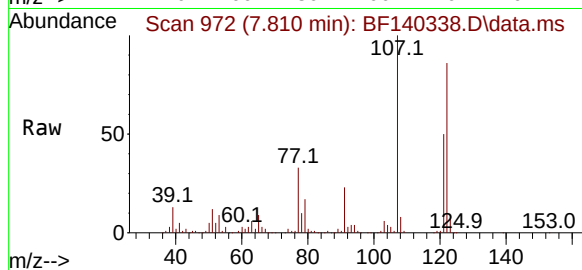
Tgt Ion:122 Resp: 426510

Ion Ratio Lower Upper

122 100

107 116.5 91.3 136.9

121 57.8 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 58.119 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

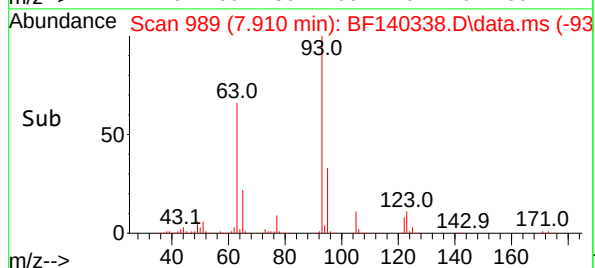
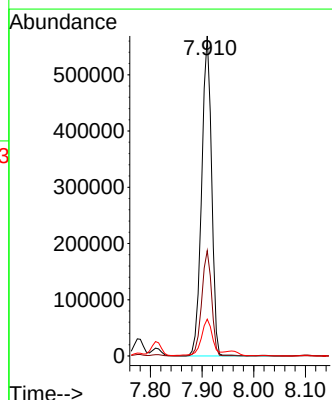
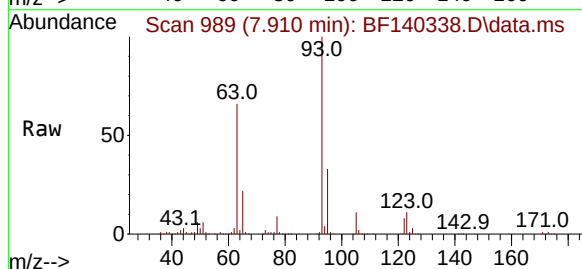
Tgt Ion: 93 Resp: 760029

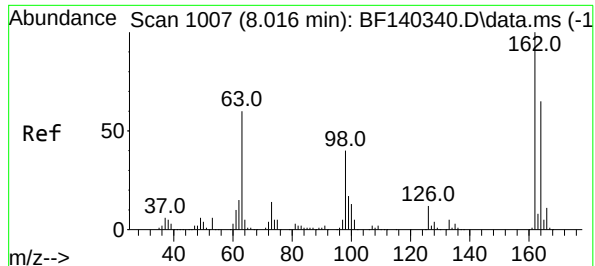
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 58.170 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

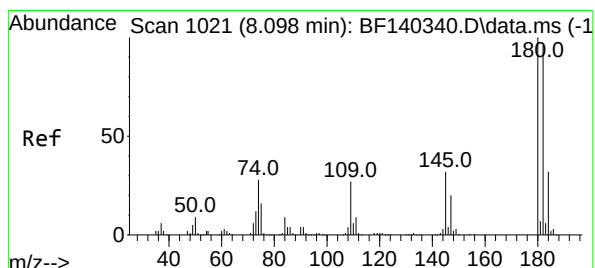
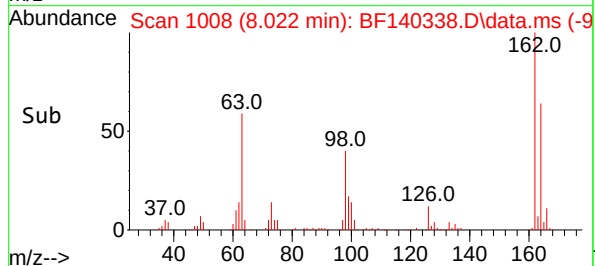
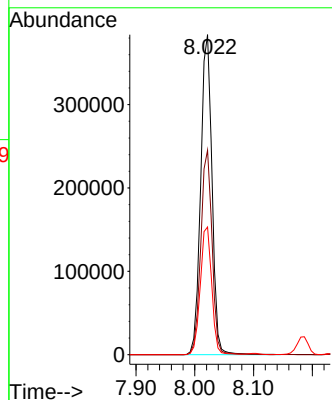
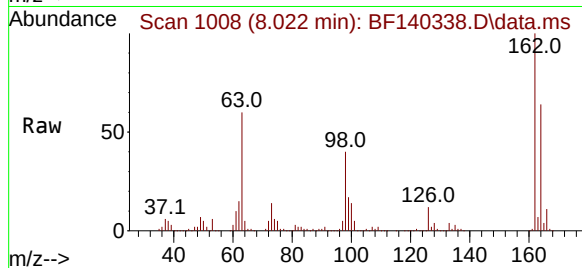
Tgt Ion:162 Resp: 511715

Ion Ratio Lower Upper

162 100

164 63.9 45.4 85.4

98 39.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 57.824 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

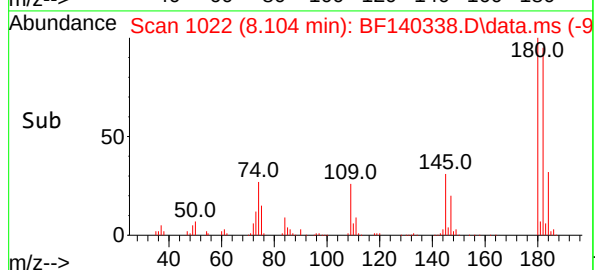
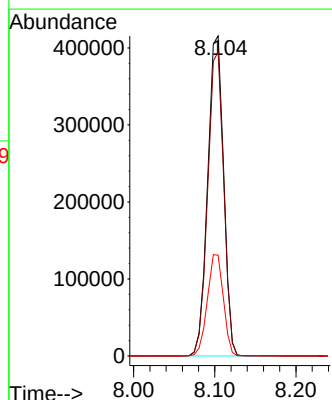
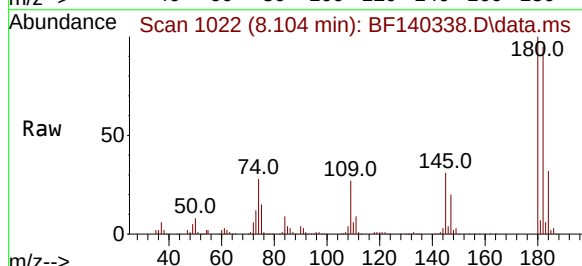
Tgt Ion:180 Resp: 566322

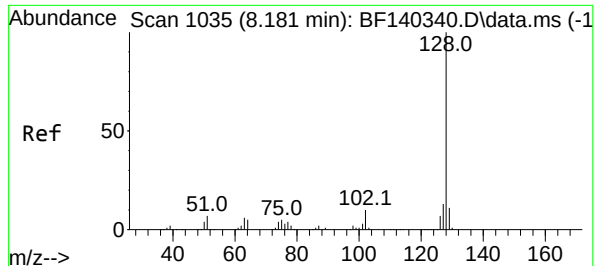
Ion Ratio Lower Upper

180 100

182 95.0 76.5 114.7

145 31.5 25.3 37.9

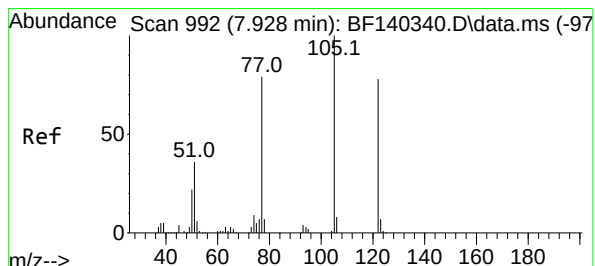
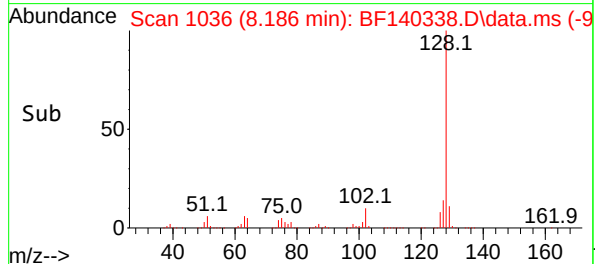
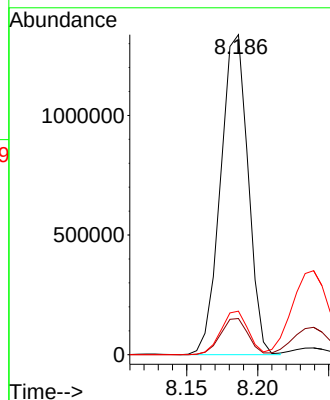
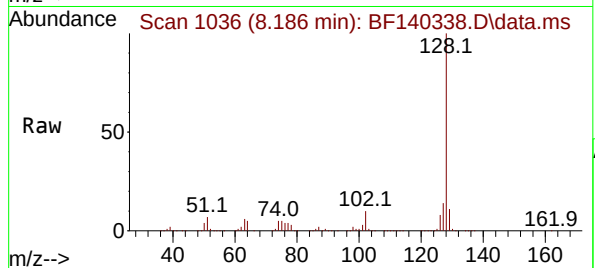




#31
Naphthalene
Concen: 56.491 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

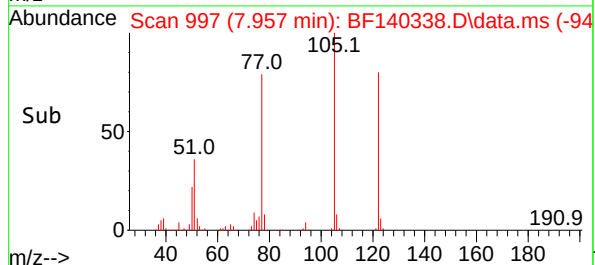
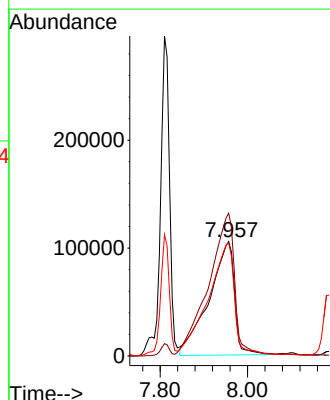
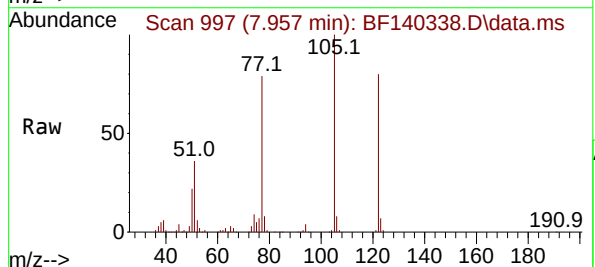
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

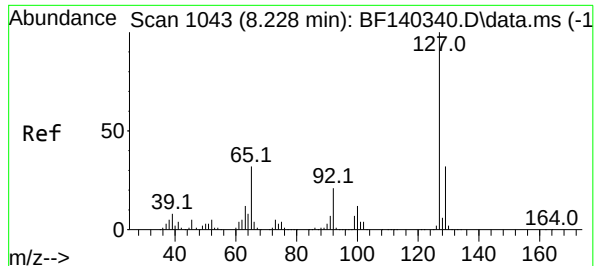
Tgt Ion:128 Resp: 1796725
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 68.049 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.029 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:122 Resp: 425502
Ion Ratio Lower Upper
122 100
105 124.7 100.9 140.9
77 98.7 76.0 116.0

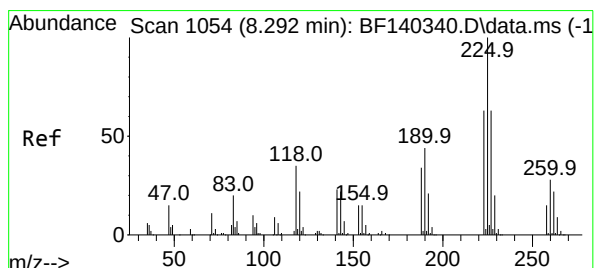
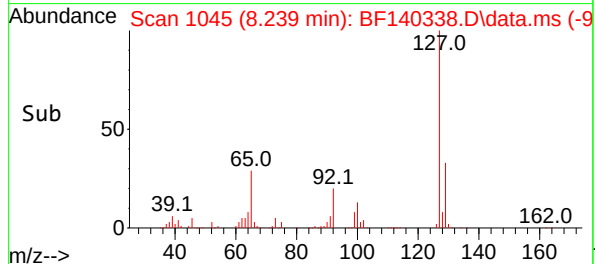
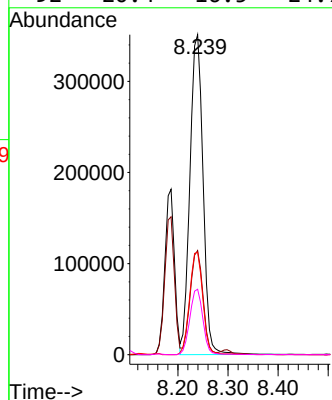
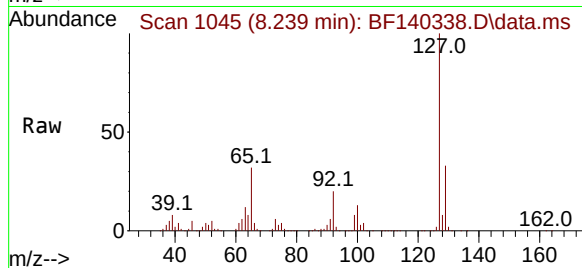




#33
4-Chloroaniline
Concen: 57.793 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

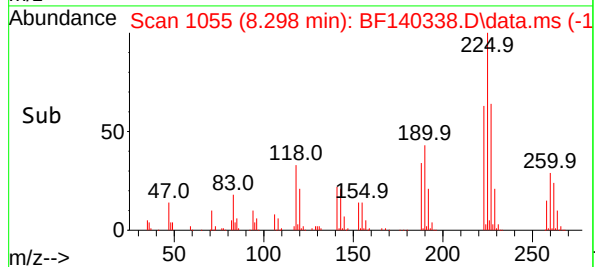
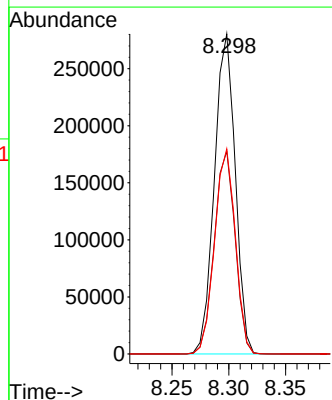
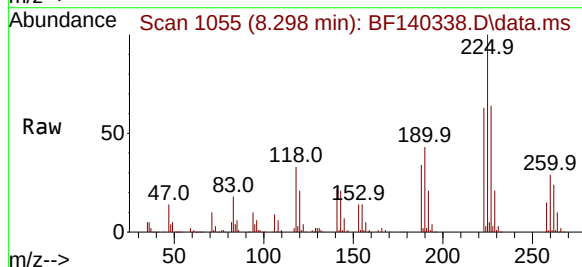
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

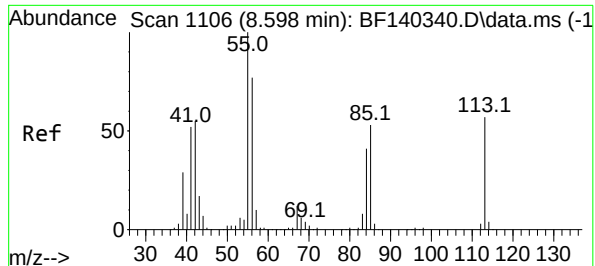
Tgt Ion:	127	Resp:	639243
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	32.0	25.8	38.6
92	20.4	16.5	24.7



#34
Hexachlorobutadiene
Concen: 57.398 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:	225	Resp:	358172
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.1	75.1
227	64.1	51.3	76.9

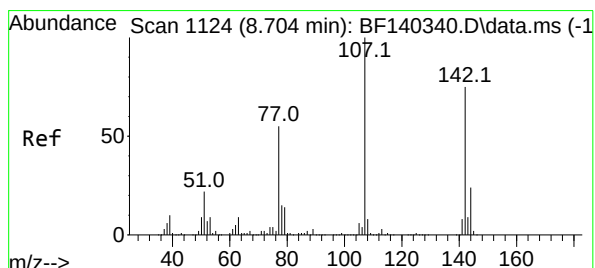
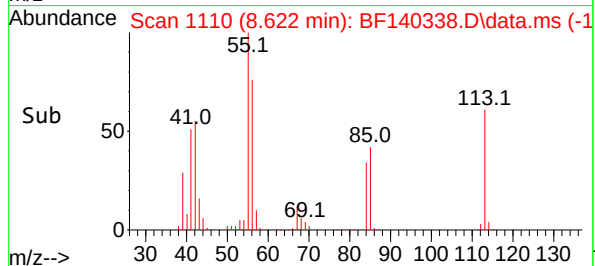
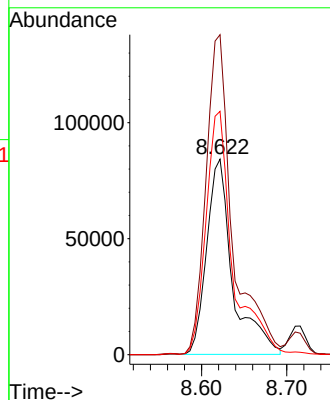
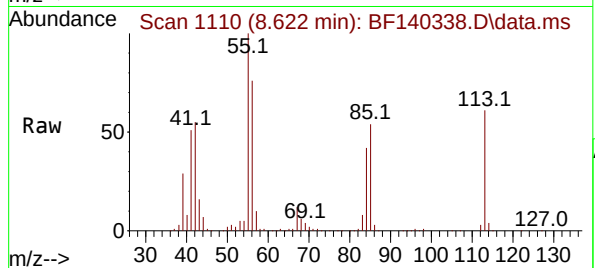




#35
Caprolactam
Concen: 60.447 ng
RT: 8.622 min Scan# 1110
Delta R.T. 0.023 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

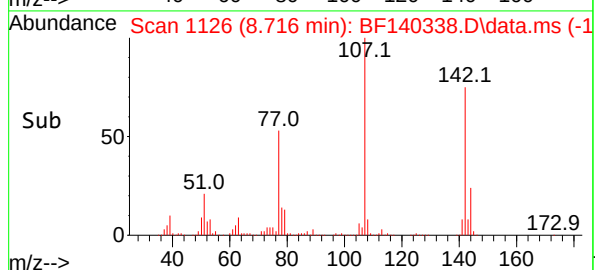
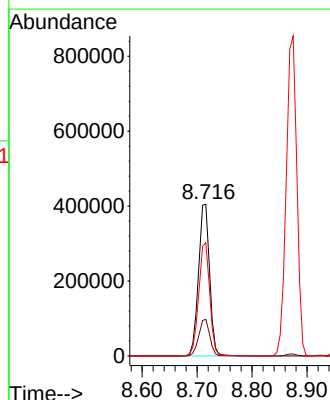
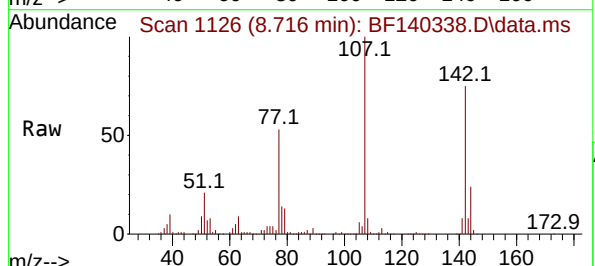
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

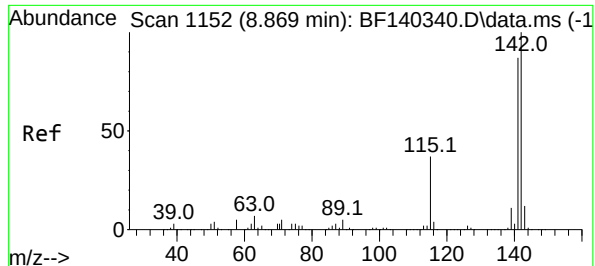
Tgt Ion:113 Resp: 178777
Ion Ratio Lower Upper
113 100
55 163.7 150.0 190.0
56 124.5 111.1 151.1



#36
4-Chloro-3-methylphenol
Concen: 58.614 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:107 Resp: 571401
Ion Ratio Lower Upper
107 100
144 24.2 19.3 28.9
142 74.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 55.995 ng

RT: 8.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

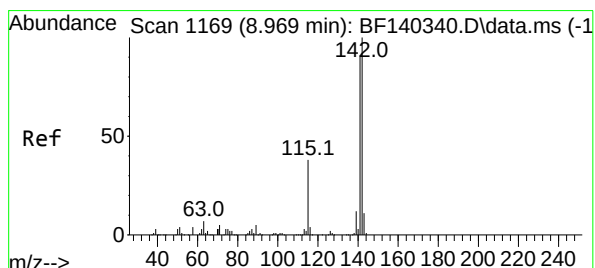
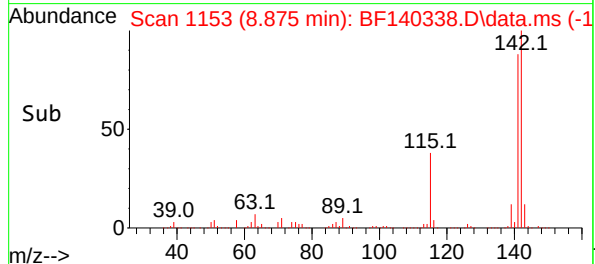
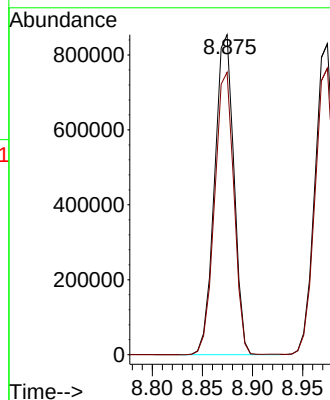
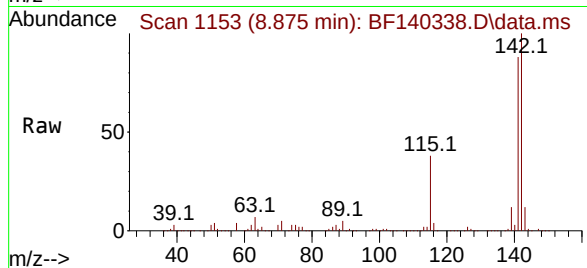
SSTDICC060

Tgt Ion:142 Resp: 1141963

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6



#38

1-Methylnaphthalene

Concen: 55.742 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF140338.D

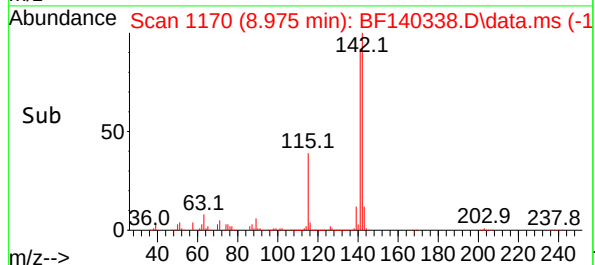
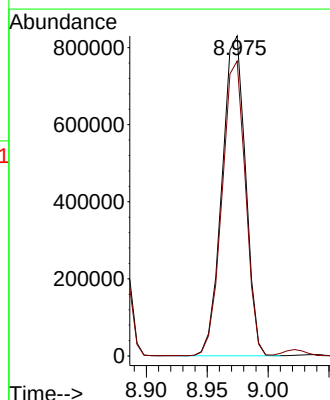
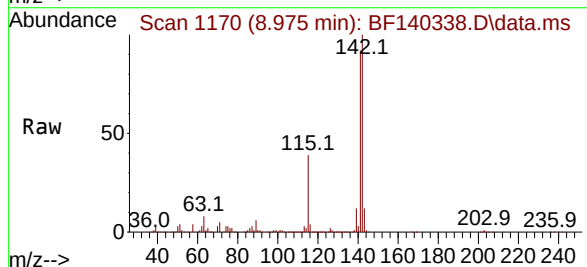
Acq: 13 Nov 2024 11:47

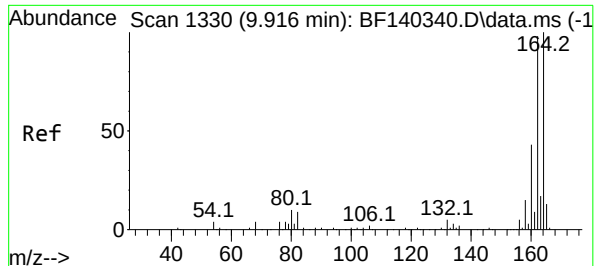
Tgt Ion:142 Resp: 1113216

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

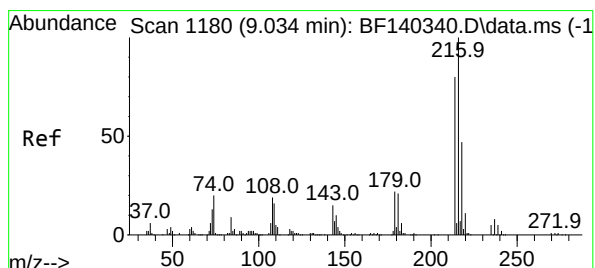
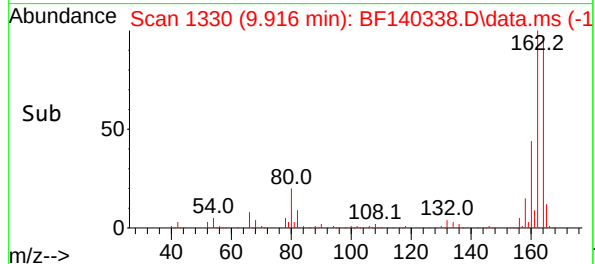
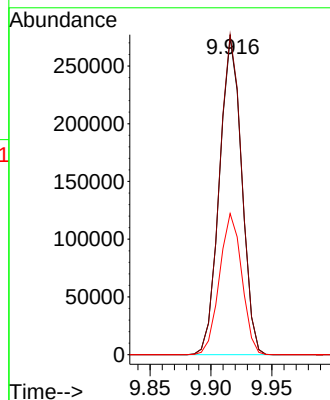
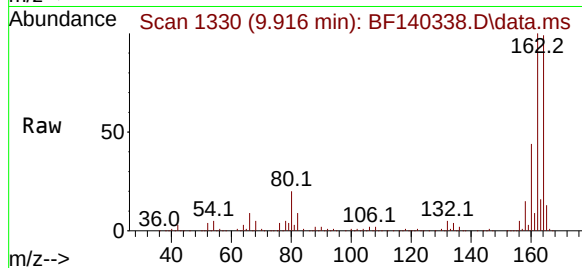
Tgt Ion:164 Resp: 349852

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

160 44.5 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.085 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Tgt Ion:216 Resp: 542595

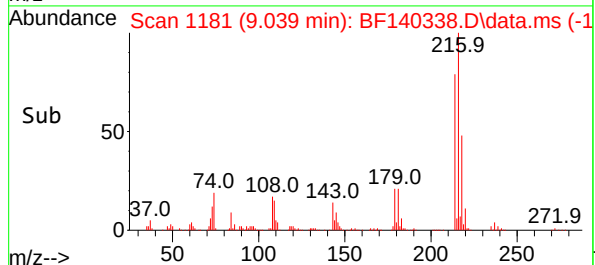
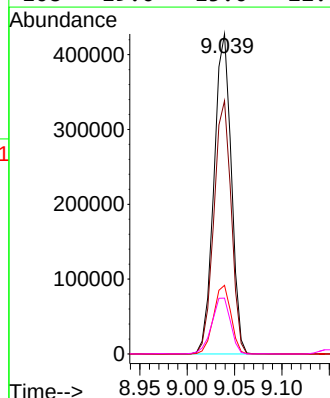
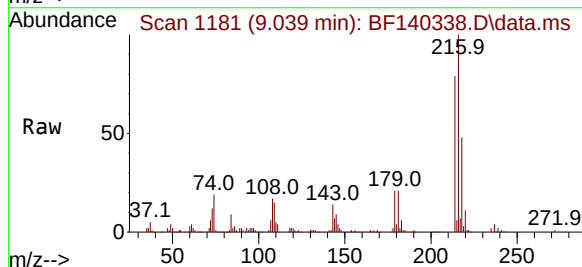
Ion Ratio Lower Upper

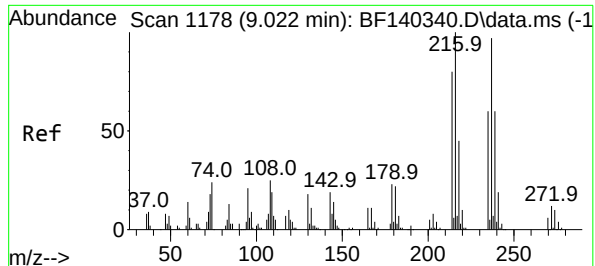
216 100

214 79.2 63.2 94.8

179 21.6 17.2 25.8

108 19.0 15.0 22.4

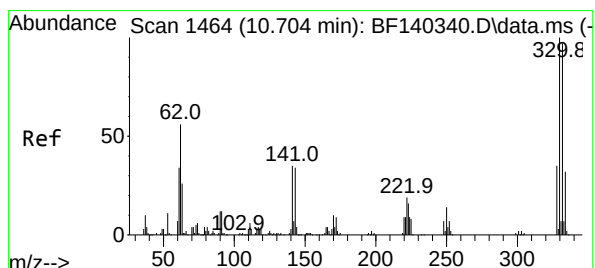
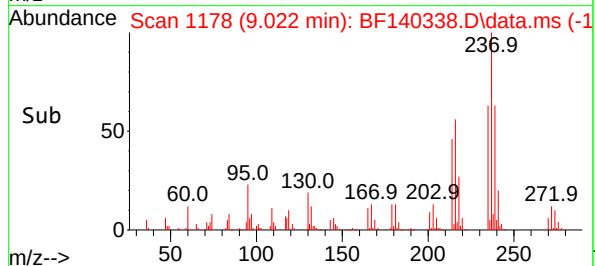
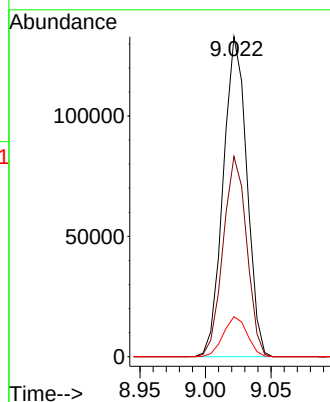
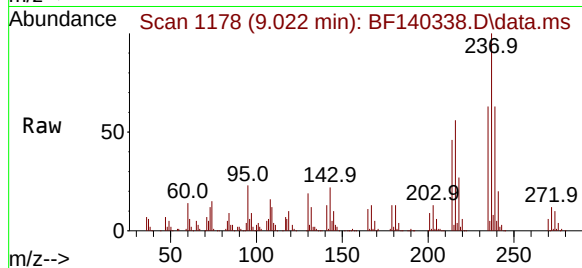




#41
Hexachlorocyclopentadiene
Concen: 67.012 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

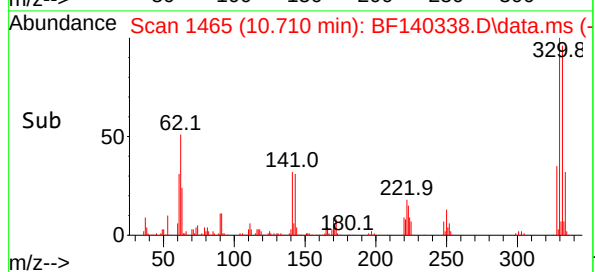
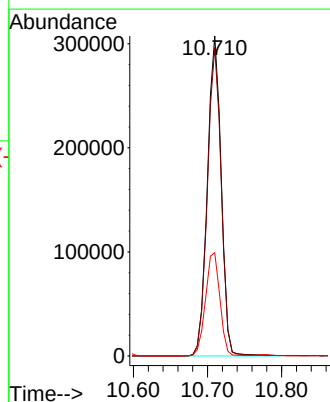
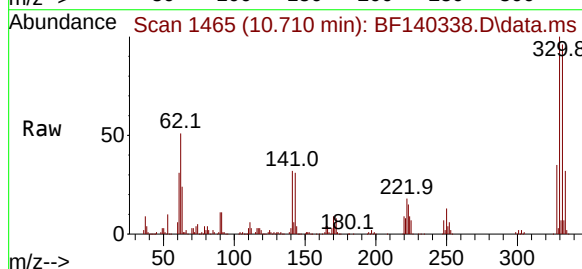
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

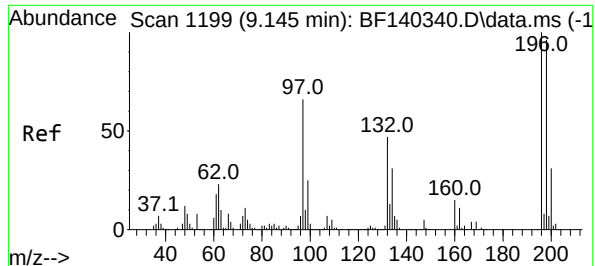
Tgt Ion:237 Resp: 166455
Ion Ratio Lower Upper
237 100
235 62.5 42.8 82.8
272 12.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 114.327 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:330 Resp: 397743
Ion Ratio Lower Upper
330 100
332 96.6 75.9 113.9
141 33.7 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 58.123 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

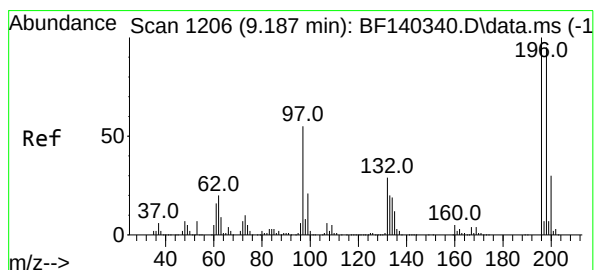
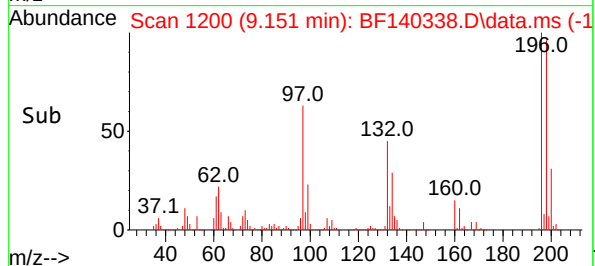
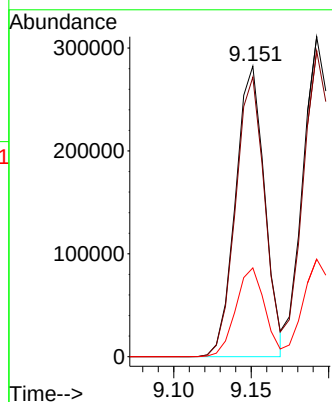
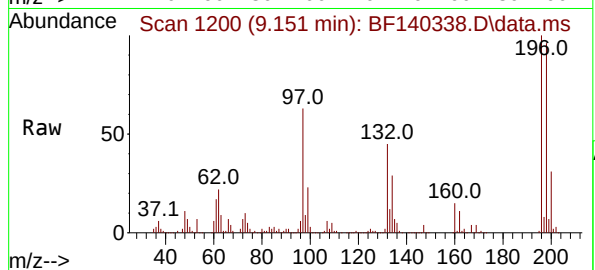
Tgt Ion:196 Resp: 369027

Ion Ratio Lower Upper

196 100

198 96.1 77.0 115.4

200 30.6 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 58.897 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Tgt Ion:196 Resp: 408838

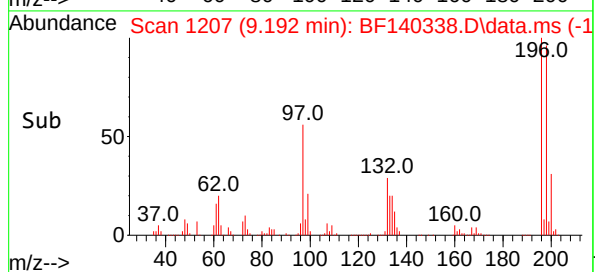
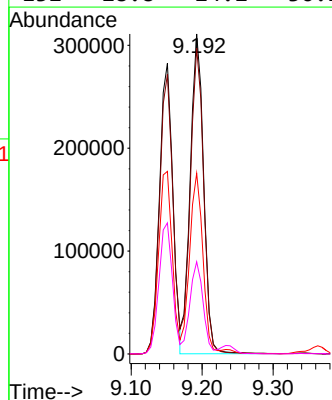
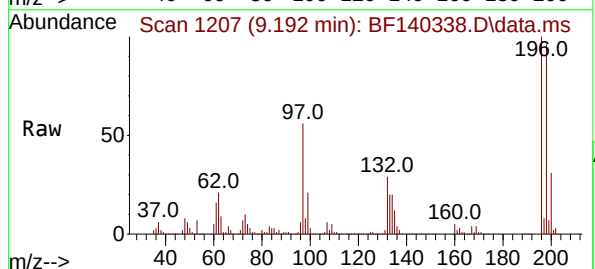
Ion Ratio Lower Upper

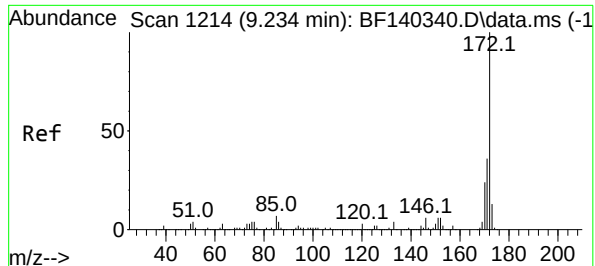
196 100

198 95.6 77.6 116.4

97 56.4 45.4 68.2

132 28.8 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 107.065 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

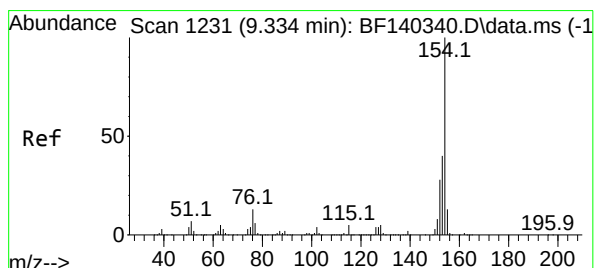
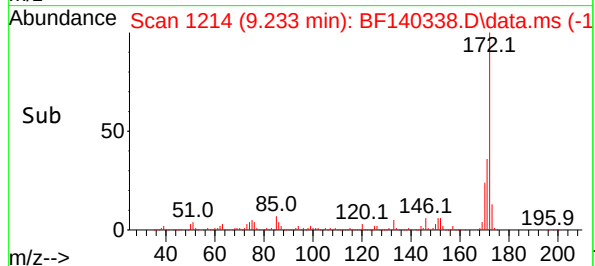
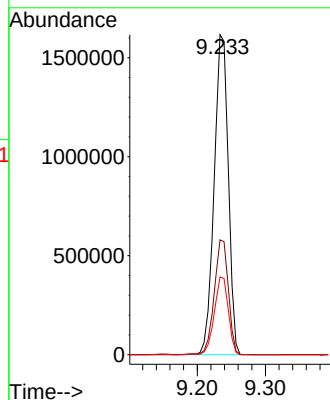
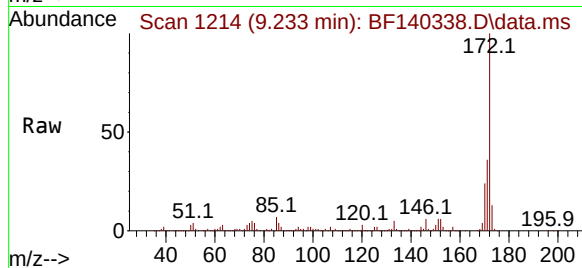
Tgt Ion:172 Resp: 2330064

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.3 19.1 28.7



#46

1,1'-Biphenyl

Concen: 55.384 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

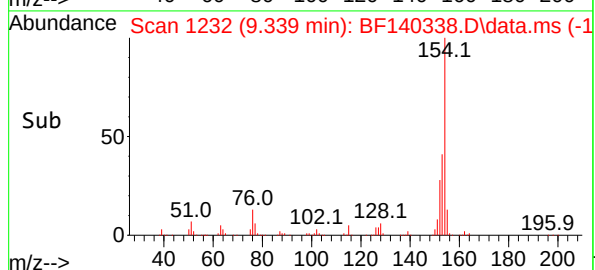
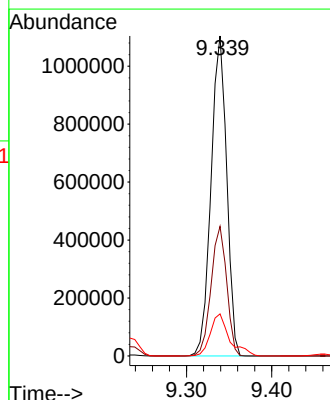
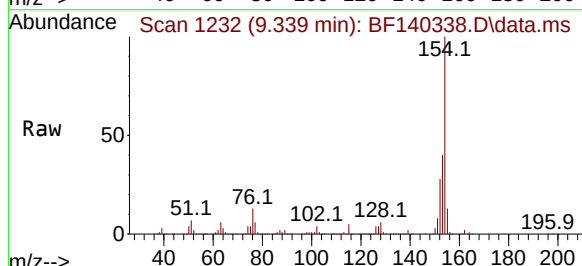
Tgt Ion:154 Resp: 1409617

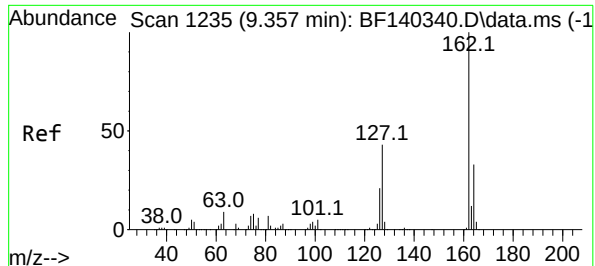
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 13.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 56.777 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

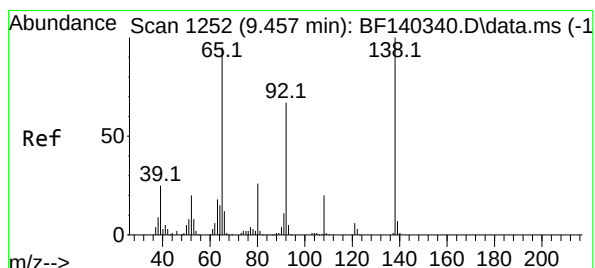
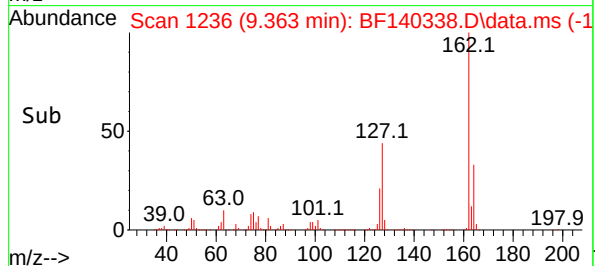
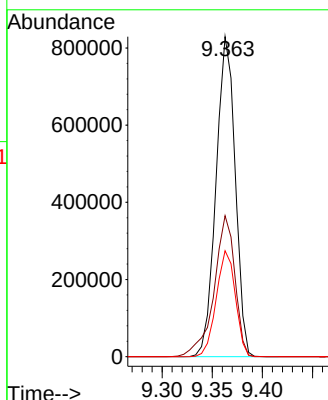
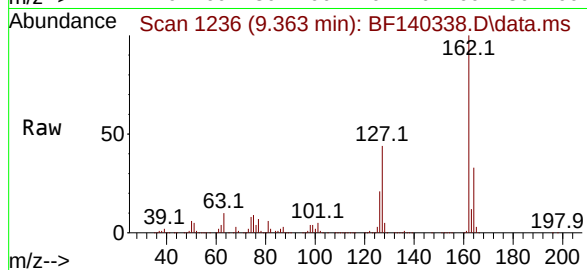
Tgt Ion:162 Resp: 1100798

Ion Ratio Lower Upper

162 100

127 44.1 34.0 51.0

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 59.769 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

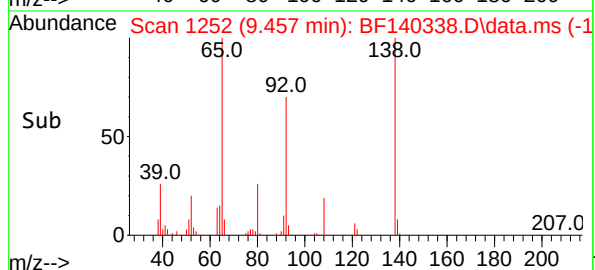
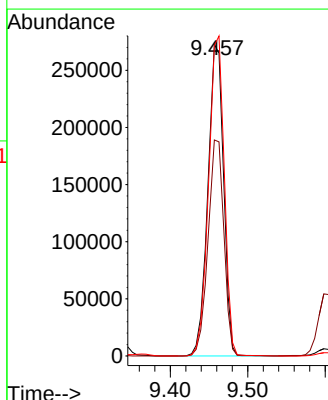
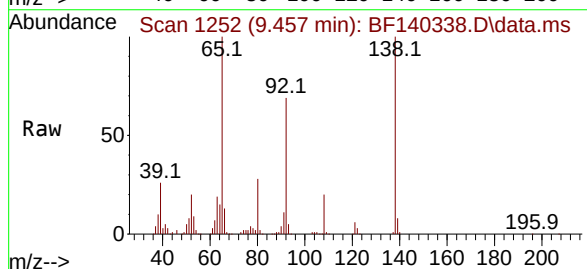
Tgt Ion: 65 Resp: 384307

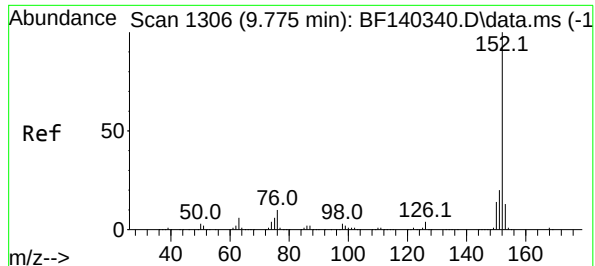
Ion Ratio Lower Upper

65 100

92 69.3 56.4 84.6

138 99.6 84.8 127.2





#49

Acenaphthylene

Concen: 55.531 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

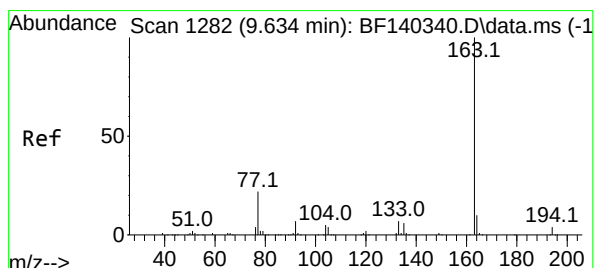
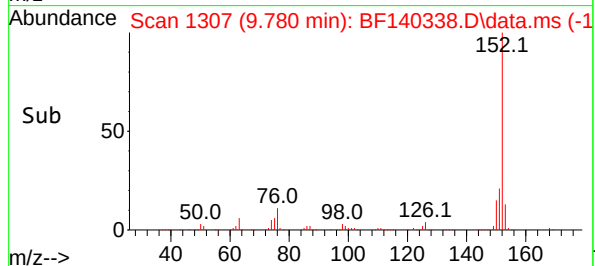
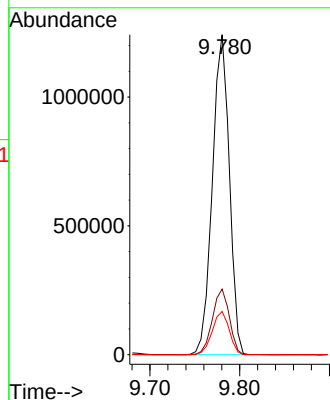
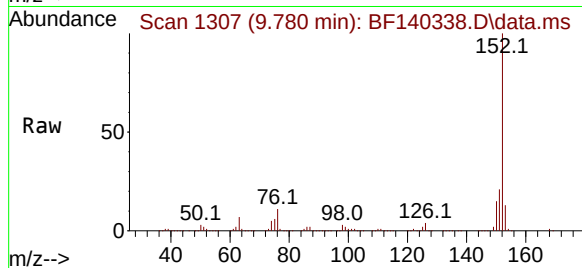
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 1628948

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.5	10.7	16.1



#50

Dimethylphthalate

Concen: 57.269 ng

RT: 9.639 min Scan# 1283

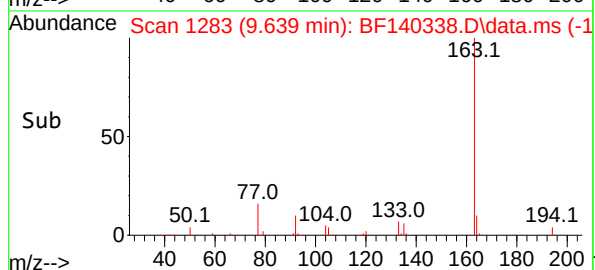
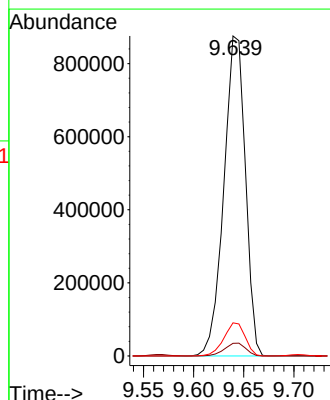
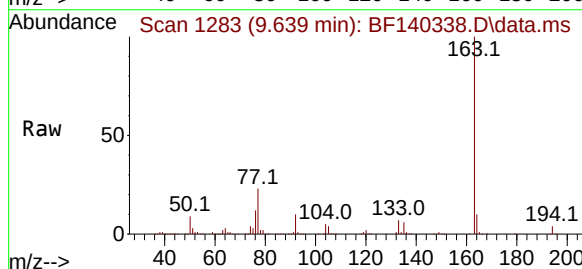
Delta R.T. 0.006 min

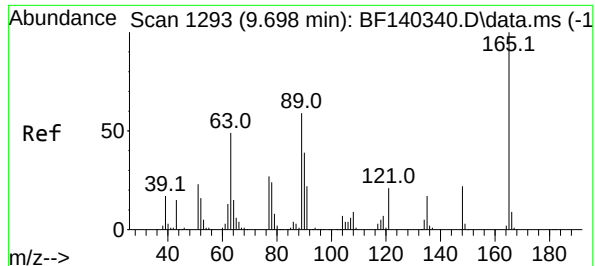
Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Tgt Ion:163 Resp: 1305952

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.3	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 58.434 ng

RT: 9.704 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

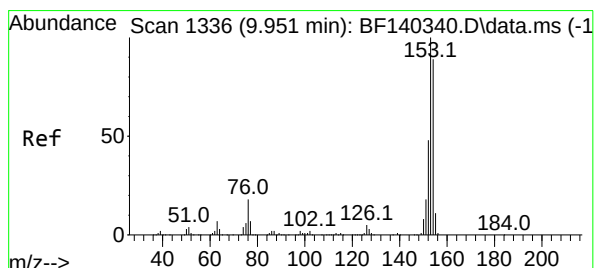
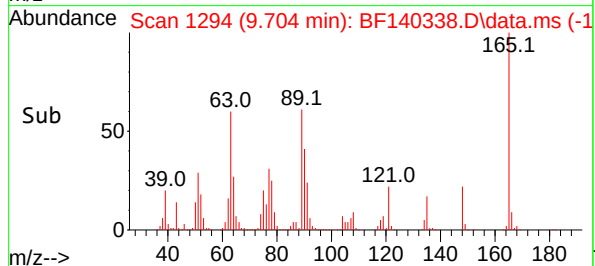
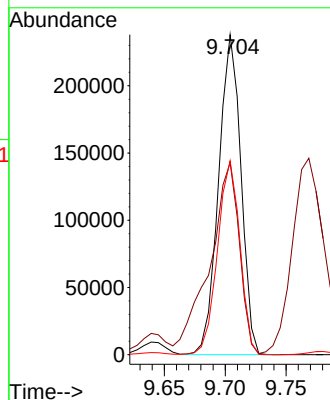
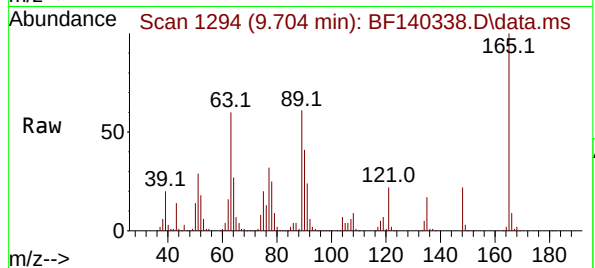
Tgt Ion:165 Resp: 303778

Ion Ratio Lower Upper

165 100

63 60.0 47.6 71.4

89 60.6 48.1 72.1



#52

Acenaphthene

Concen: 57.171 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

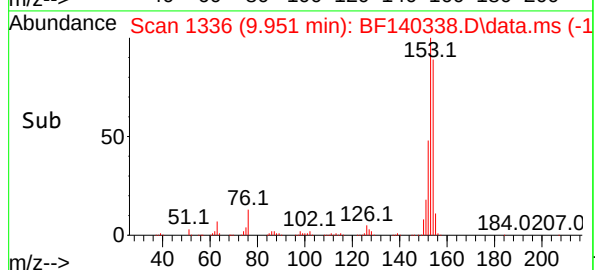
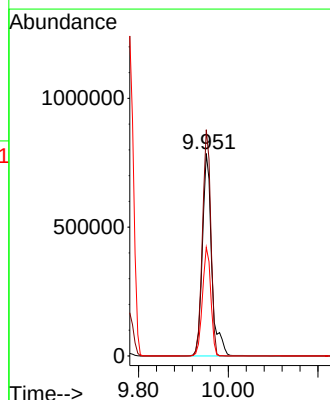
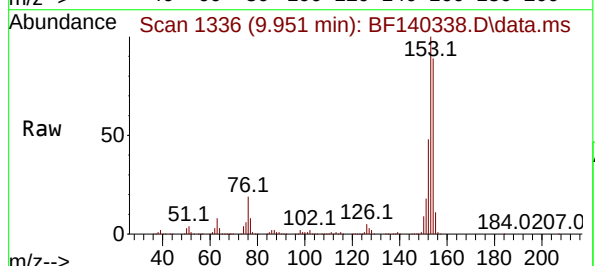
Tgt Ion:154 Resp: 1132725

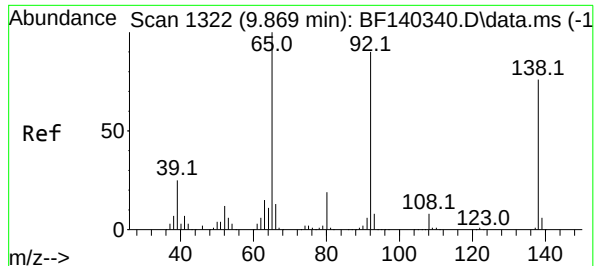
Ion Ratio Lower Upper

154 100

153 111.8 89.8 134.8

152 53.6 42.6 64.0





#53

3-Nitroaniline

Concen: 57.370 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

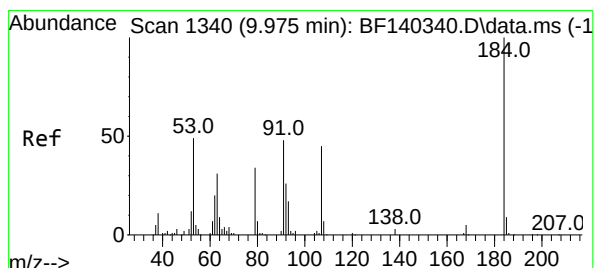
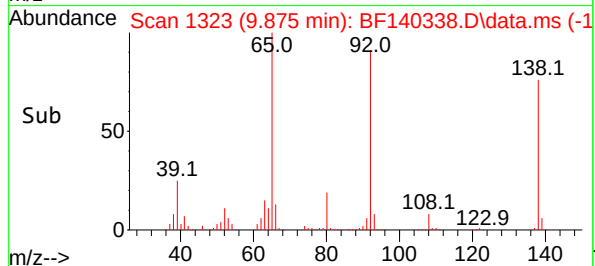
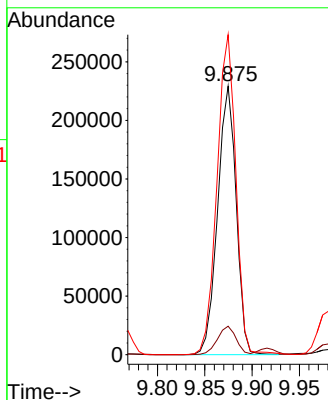
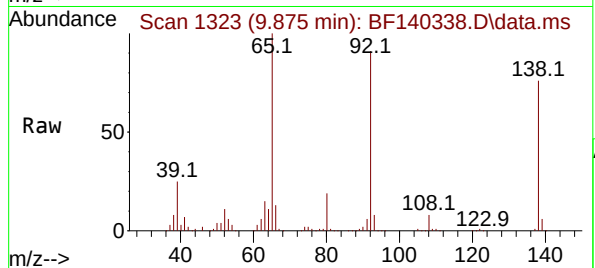
Tgt Ion:138 Resp: 313217

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

92 119.2 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 66.606 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

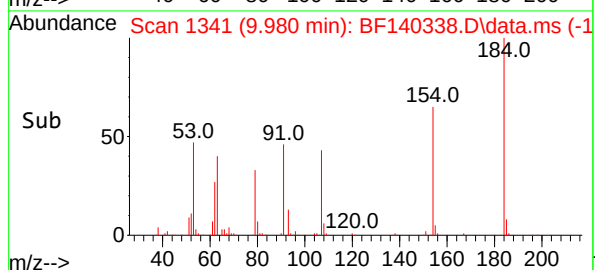
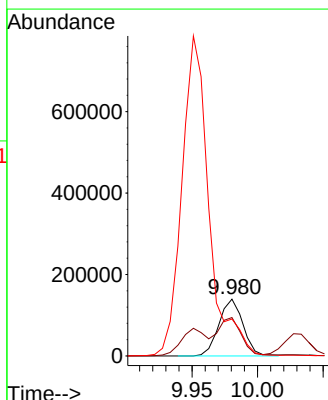
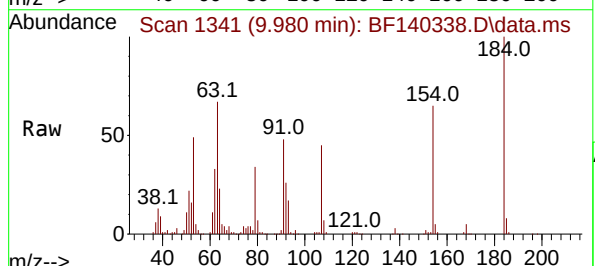
Tgt Ion:184 Resp: 178562

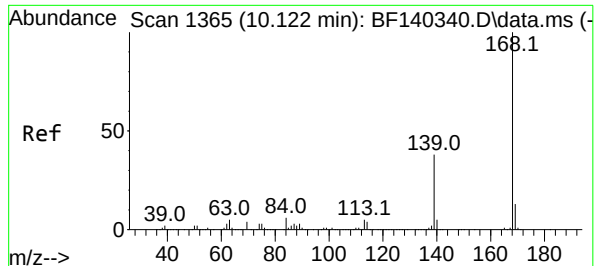
Ion Ratio Lower Upper

184 100

63 67.5 53.5 80.3

154 65.0 51.3 76.9





#55

Dibenzenofuran

Concen: 54.845 ng

RT: 10.122 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

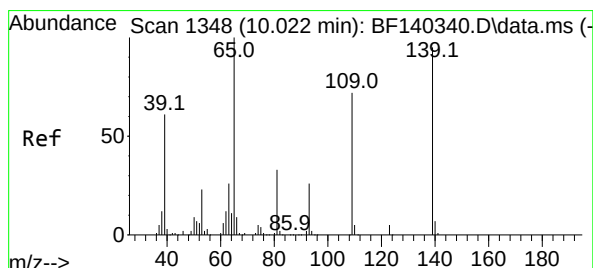
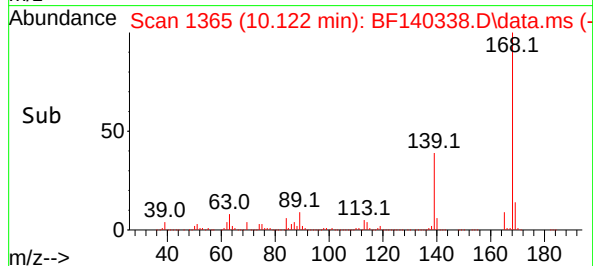
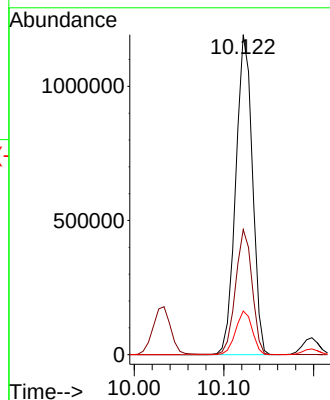
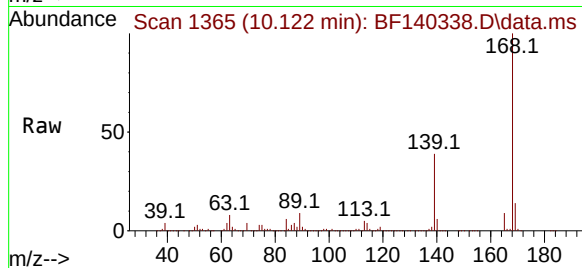
Tgt Ion:168 Resp: 1538256

Ion Ratio Lower Upper

168 100

139 39.1 30.8 46.2

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 62.577 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

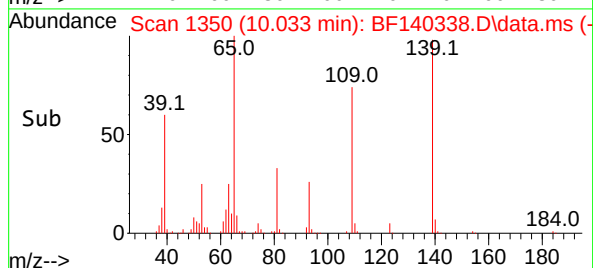
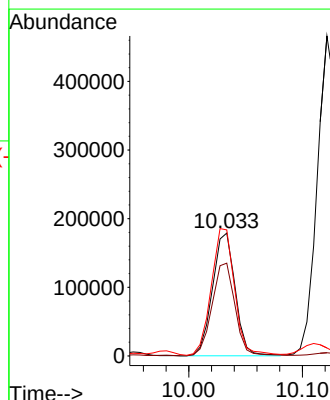
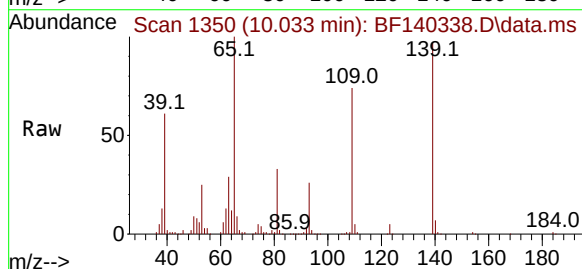
Tgt Ion:139 Resp: 249200

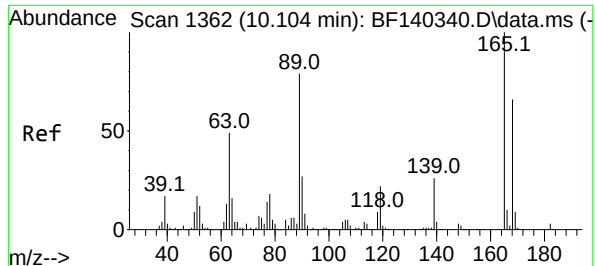
Ion Ratio Lower Upper

139 100

109 75.5 54.5 94.5

65 102.7 84.4 124.4

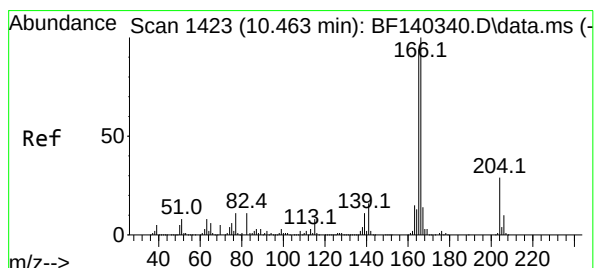
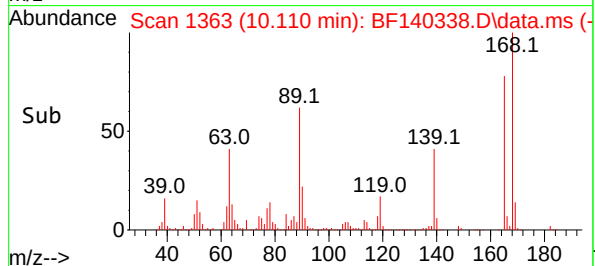
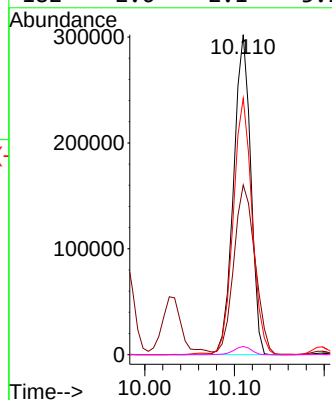
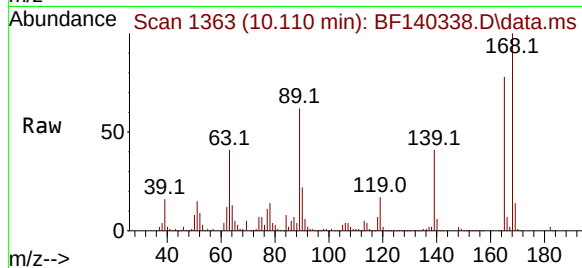




#57
2,4-Dinitrotoluene
Concen: 58.647 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

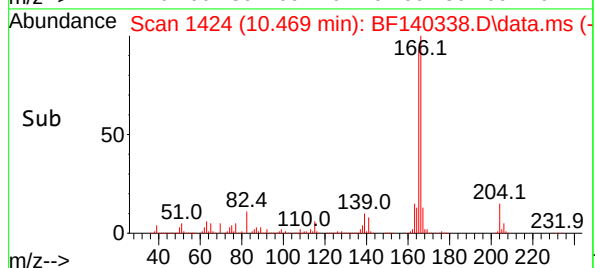
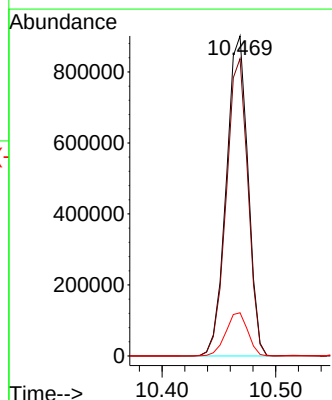
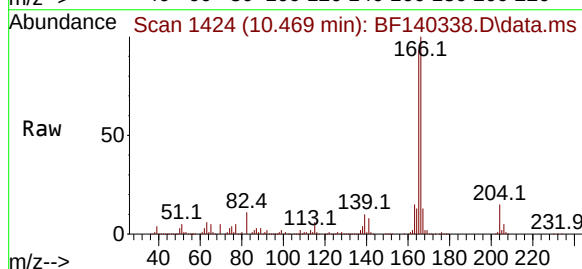
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

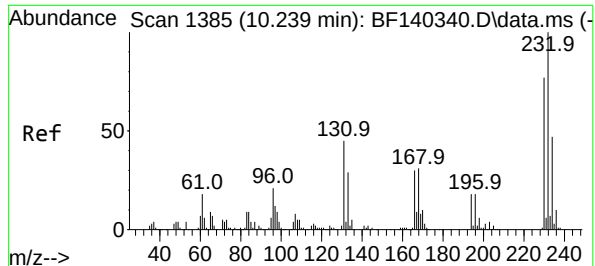
Tgt Ion:165 Resp: 401261
Ion Ratio Lower Upper
165 100
63 53.0 39.4 59.0
89 80.1 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 53.876 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:166 Resp: 1193733
Ion Ratio Lower Upper
166 100
165 92.9 73.9 110.9
167 13.5 10.9 16.3

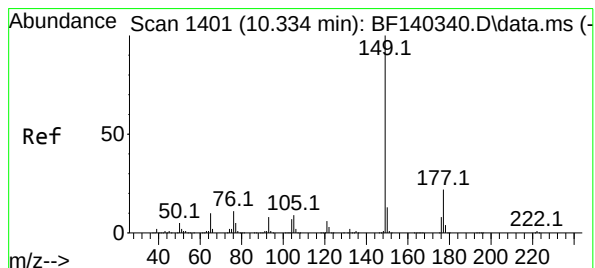
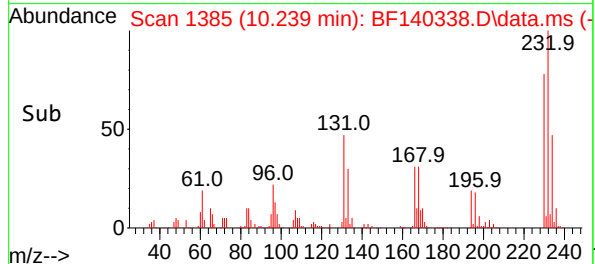
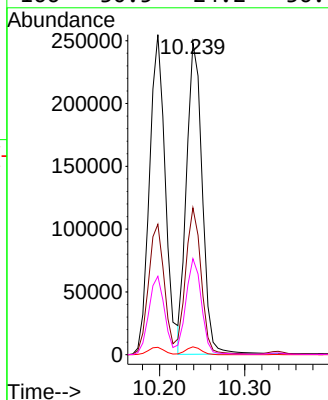
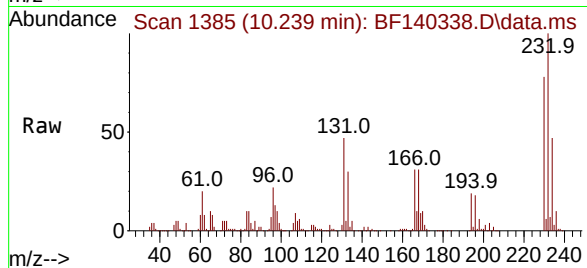




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.919 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

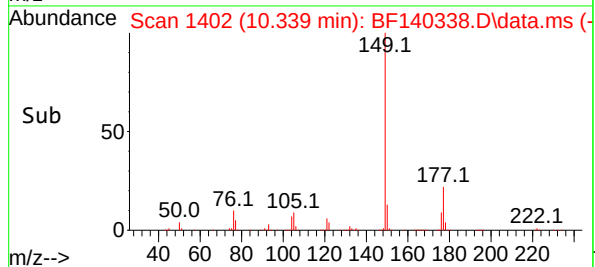
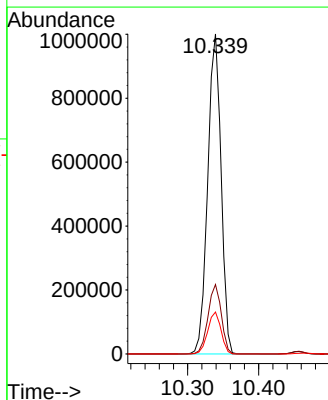
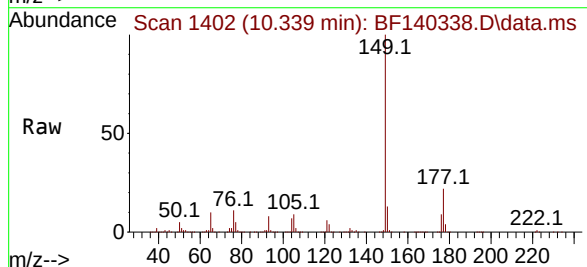
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

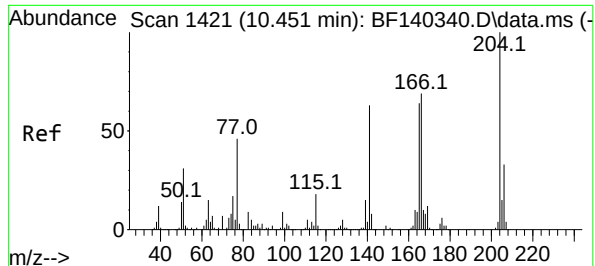
Tgt Ion:232 Resp: 317173
Ion Ratio Lower Upper
232 100
131 47.4 36.8 55.2
130 2.5 1.9 2.9
166 30.5 24.2 36.4



#60
Diethylphthalate
Concen: 56.104 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:149 Resp: 1308229
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 13.1 10.1 15.1

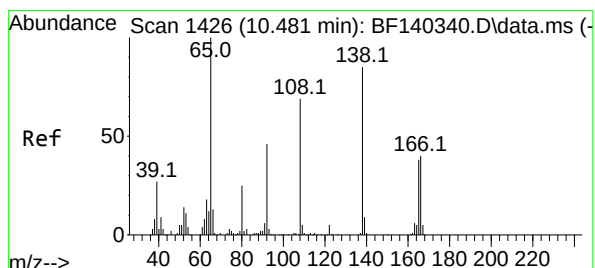
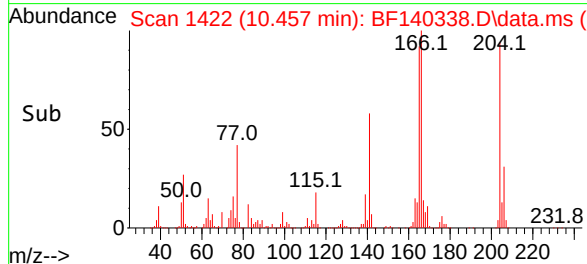
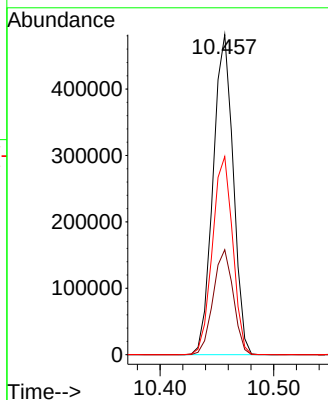
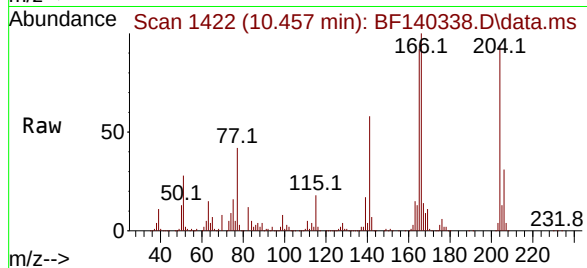




#61
4-Chlorophenyl-phenylether
Concen: 54.376 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

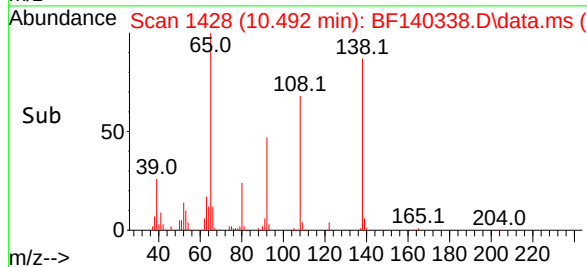
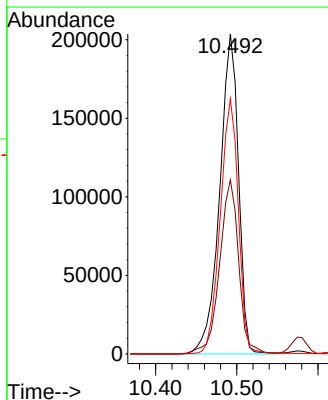
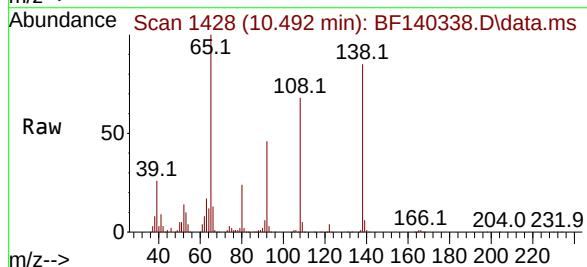
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

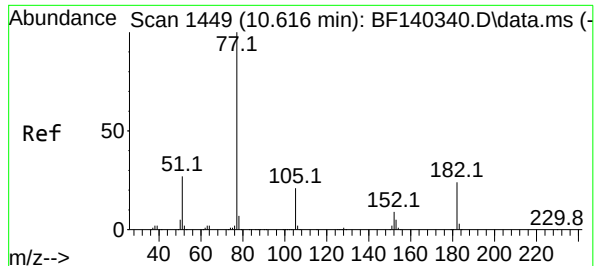
Tgt Ion:204 Resp: 594806
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 61.9 49.8 74.8



#62
4-Nitroaniline
Concen: 58.909 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:138 Resp: 328847
Ion Ratio Lower Upper
138 100
92 54.4 33.8 73.8
108 79.8 59.9 99.9

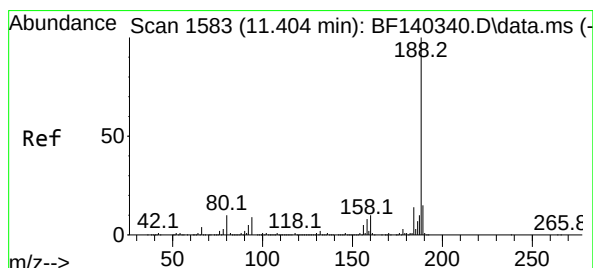
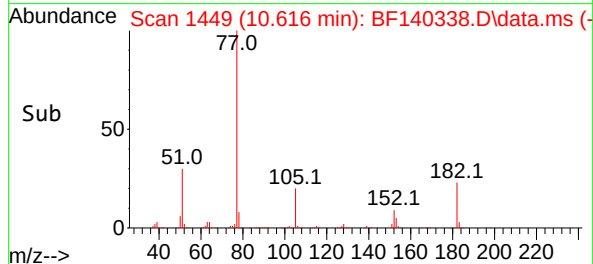
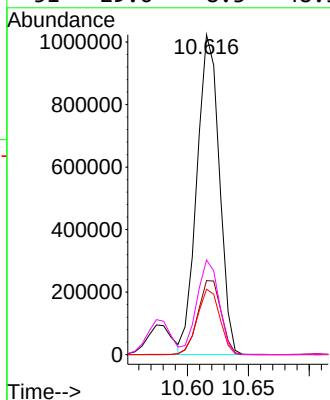
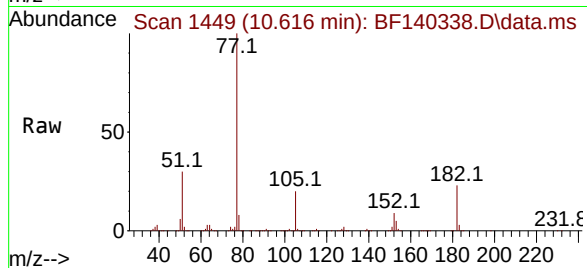




#63
Azobenzene
Concen: 56.677 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

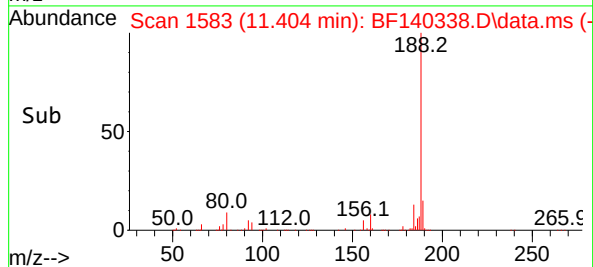
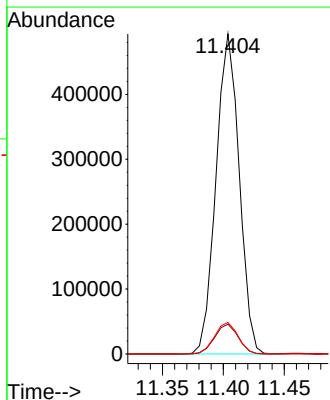
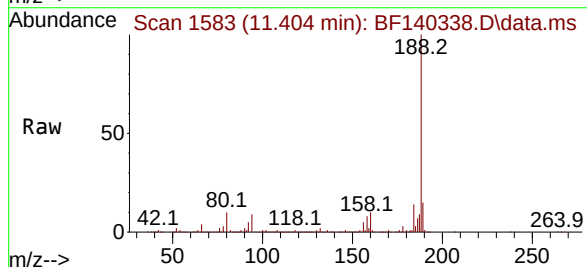
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

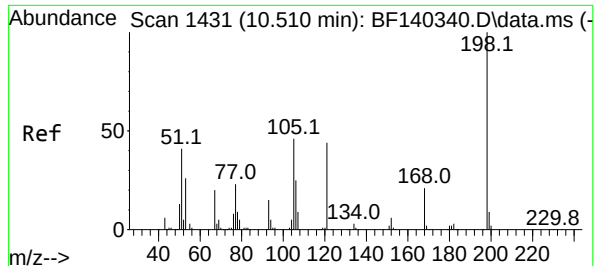
Tgt Ion: 77 Resp: 1305799
Ion Ratio Lower Upper
77 100
182 23.2 4.6 44.6
105 20.4 0.9 40.9
51 29.6 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion: 188 Resp: 653888
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.9 8.0 12.0

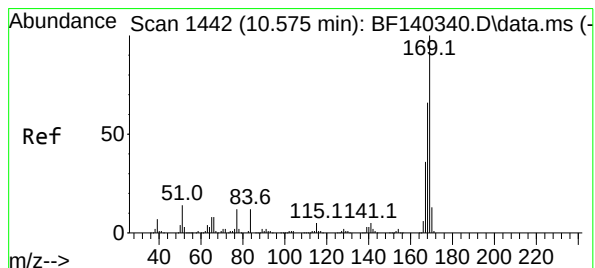
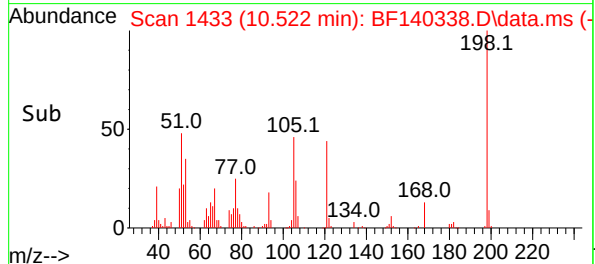
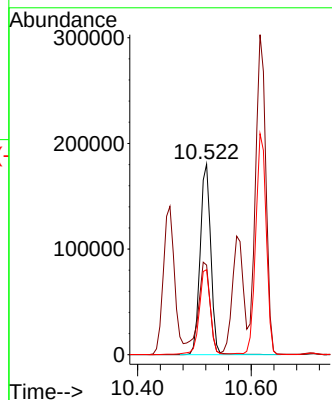
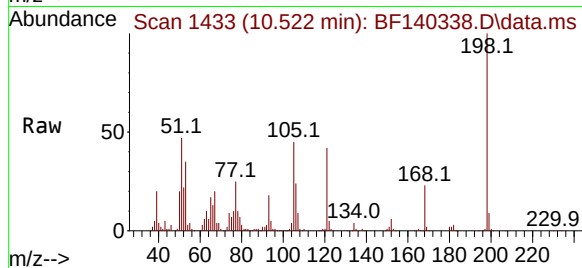




#65
4,6-Dinitro-2-methylphenol
Concen: 66.702 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

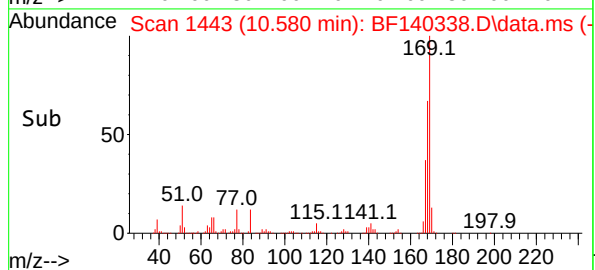
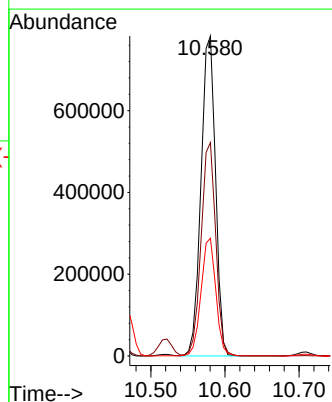
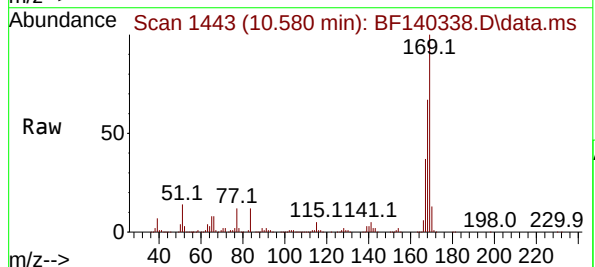
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

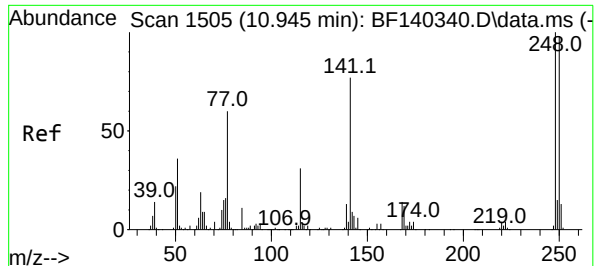
Tgt Ion:198 Resp: 234662
Ion Ratio Lower Upper
198 100
51 47.0 29.7 69.7
105 44.6 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 56.163 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:169 Resp: 1061092
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 36.8 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 56.461 ng

RT: 10.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

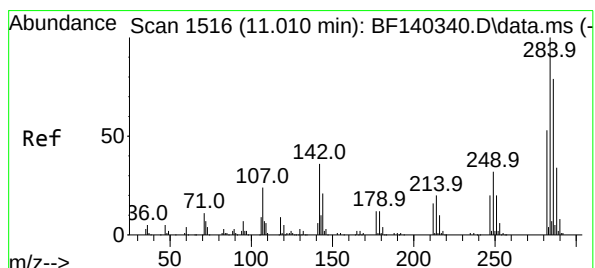
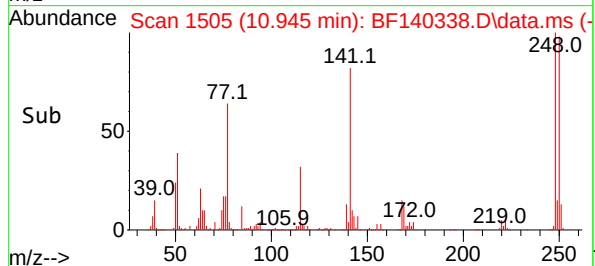
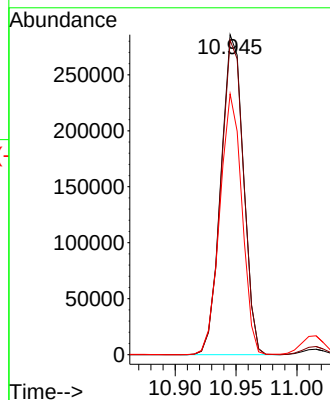
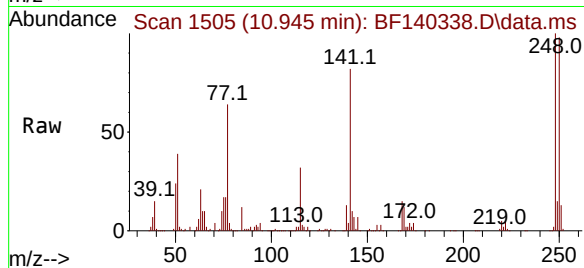
Tgt Ion:248 Resp: 369051

Ion Ratio Lower Upper

248 100

250 98.3 77.9 116.9

141 81.5 61.8 92.6



#68

Hexachlorobenzene

Concen: 57.387 ng

RT: 11.016 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

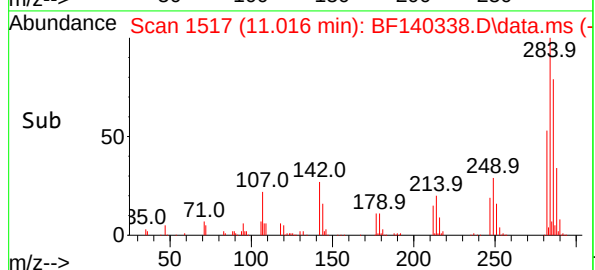
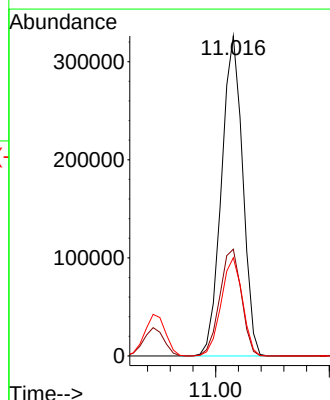
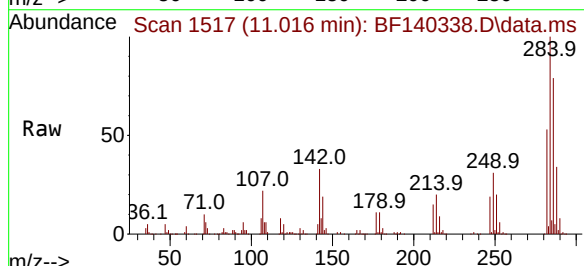
Tgt Ion:284 Resp: 422038

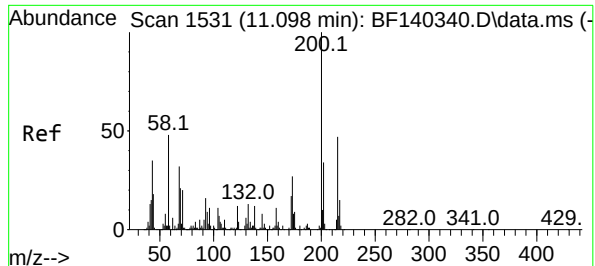
Ion Ratio Lower Upper

284 100

142 33.3 28.1 42.1

249 30.7 24.9 37.3





#69

Atrazine

Concen: 70.474 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

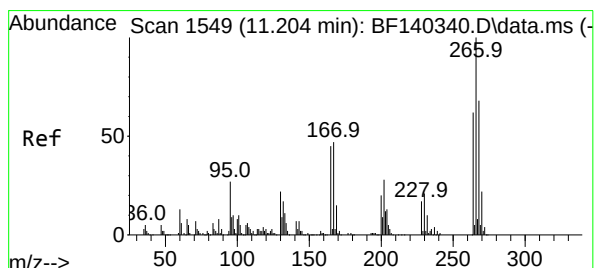
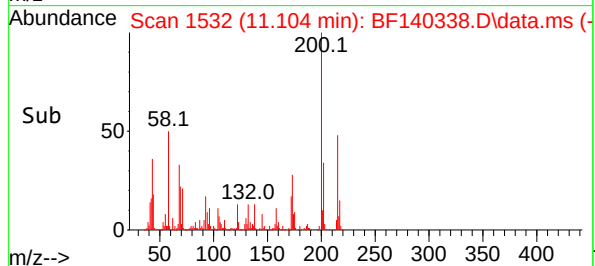
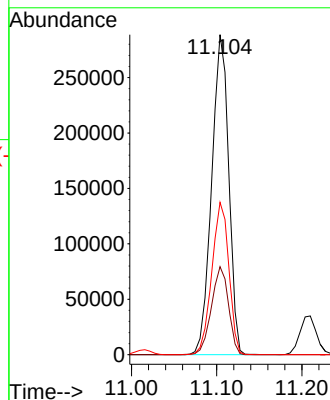
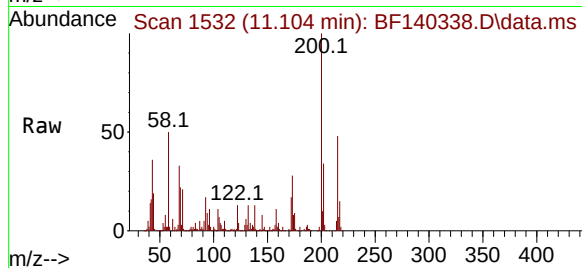
Tgt Ion:200 Resp: 402831

Ion Ratio Lower Upper

200 100

173 27.5 6.6 46.6

215 47.6 27.2 67.2



#70

Pentachlorophenol

Concen: 64.427 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

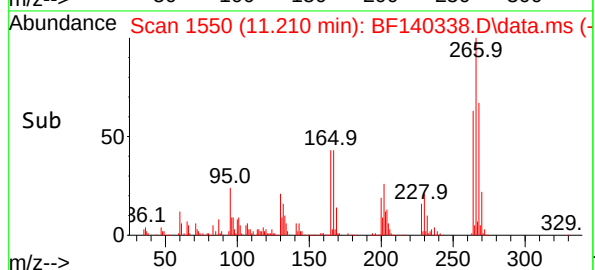
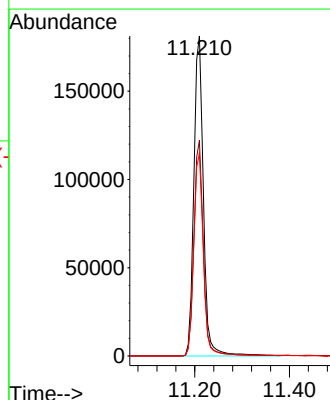
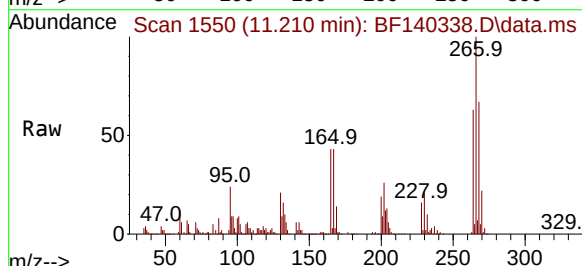
Tgt Ion:266 Resp: 255229

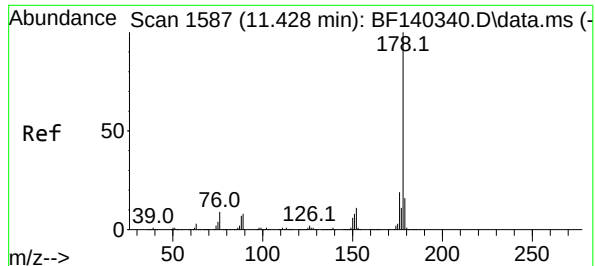
Ion Ratio Lower Upper

266 100

268 67.4 52.9 79.3

264 63.3 50.3 75.5





#71

Phenanthrene

Concen: 54.363 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

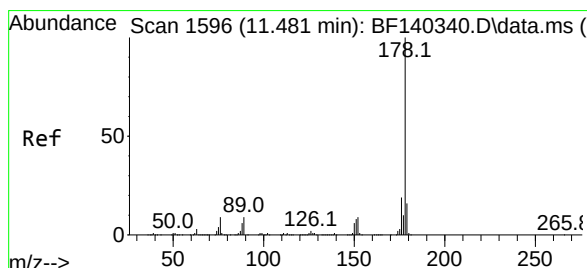
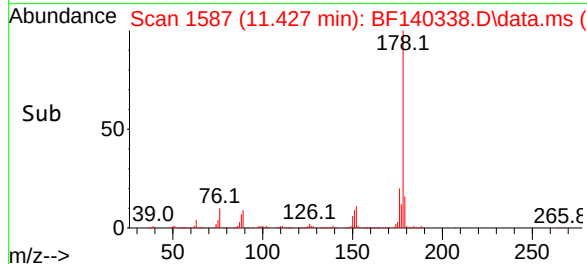
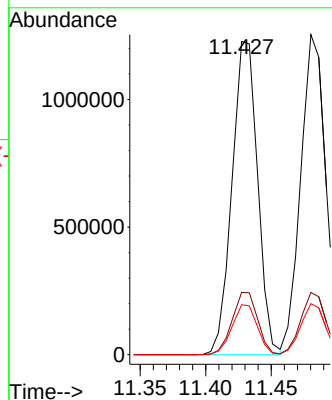
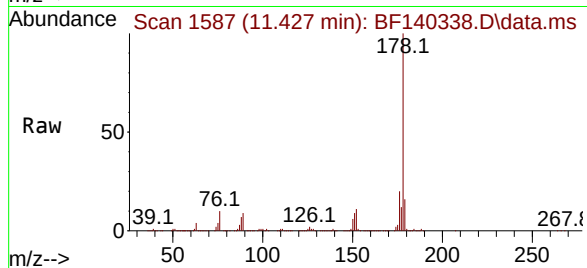
Tgt Ion:178 Resp: 1669857

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 15.9 12.4 18.6



#72

Anthracene

Concen: 54.639 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

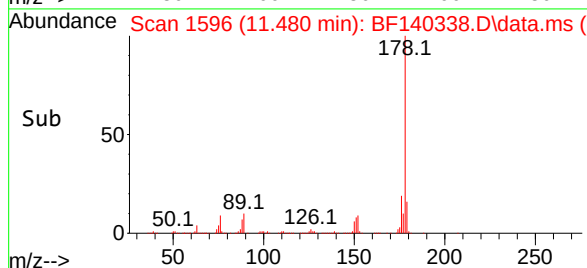
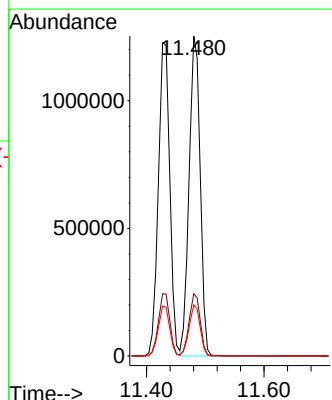
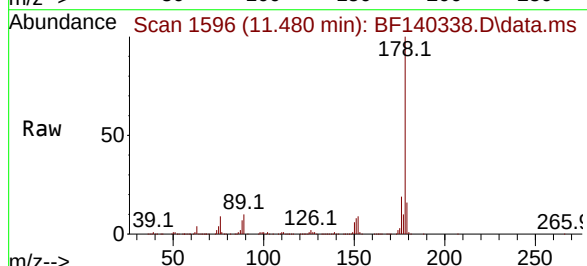
Tgt Ion:178 Resp: 1644863

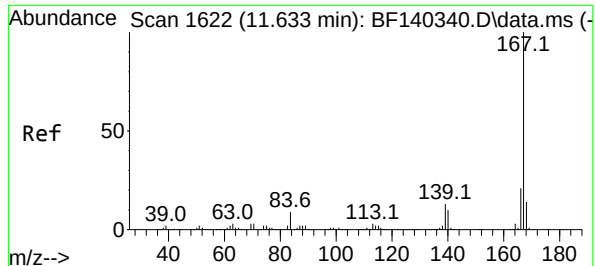
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 16.0 12.6 18.8





#73

Carbazole

Concen: 55.034 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

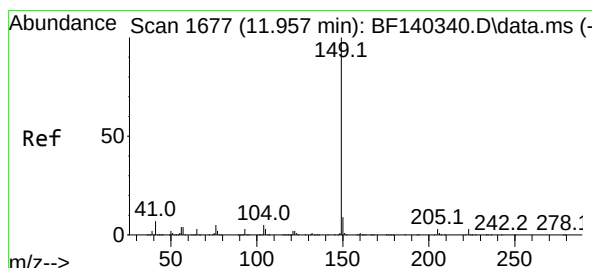
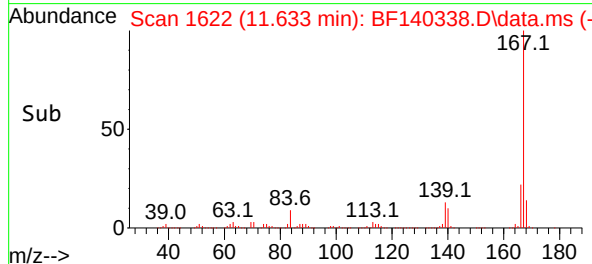
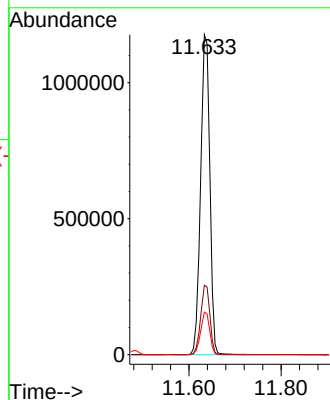
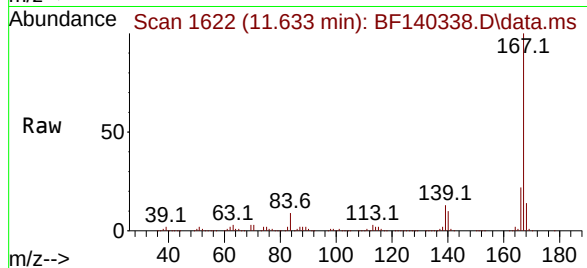
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:167 Resp: 1635888

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.3	10.4	15.6



#74

Di-n-butylphthalate

Concen: 56.225 ng

RT: 11.963 min Scan# 1678

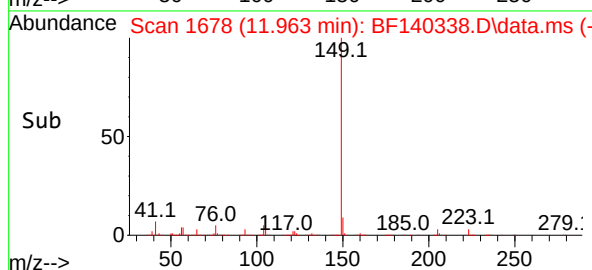
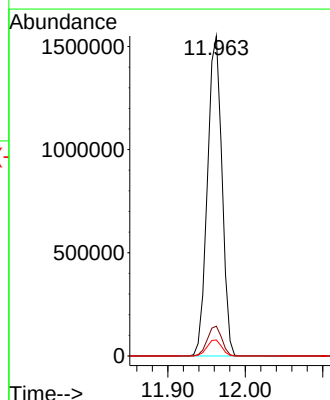
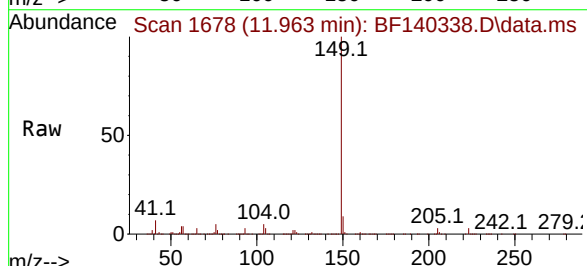
Delta R.T. 0.006 min

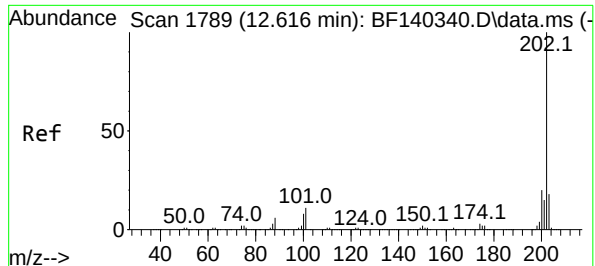
Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Tgt Ion:149 Resp: 2005925

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	4.0	6.0

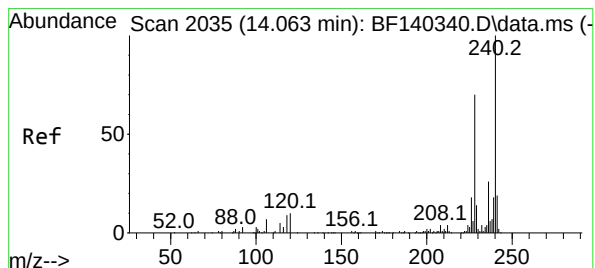
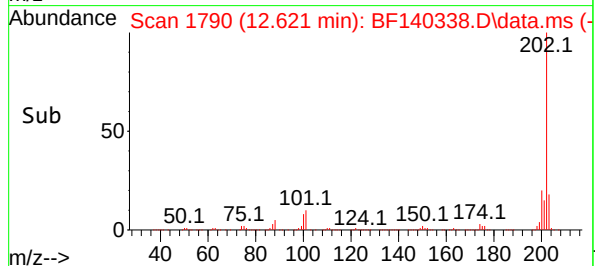
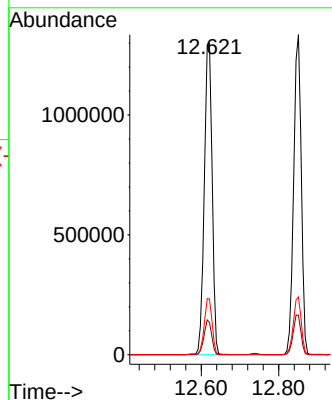
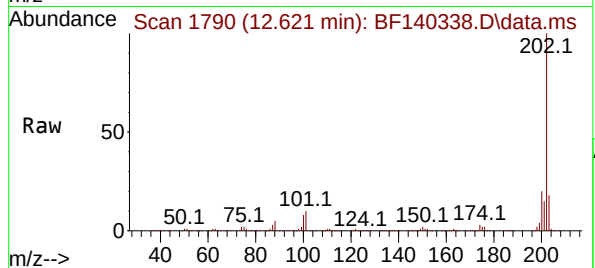




#75
Fluoranthene
Concen: 53.118 ng
RT: 12.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

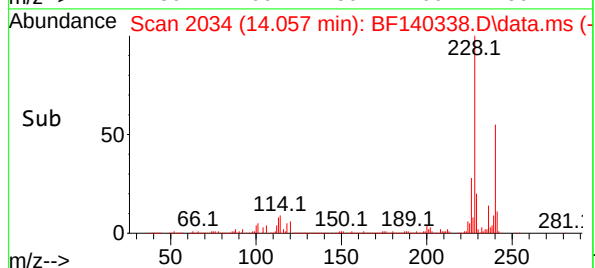
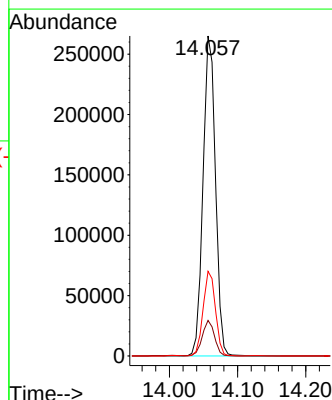
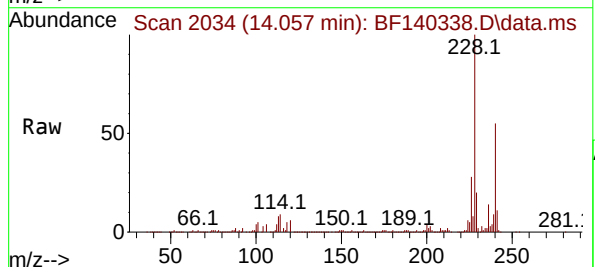
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

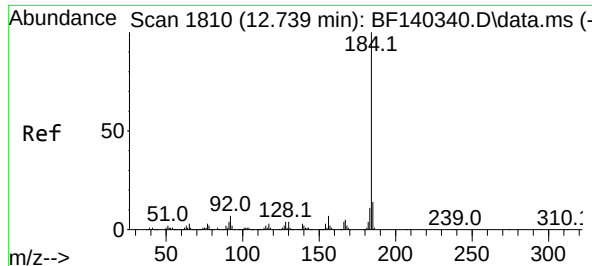
Tgt Ion:202 Resp: 1830547
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:240 Resp: 336717
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 26.4 20.9 31.3

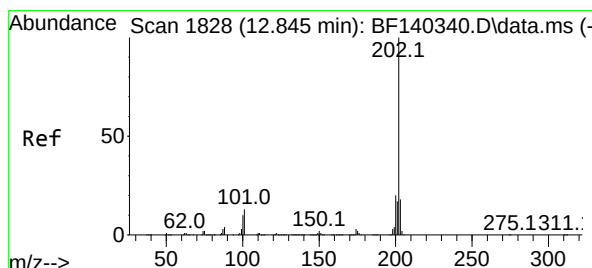
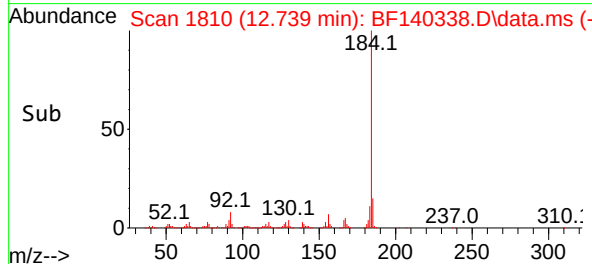
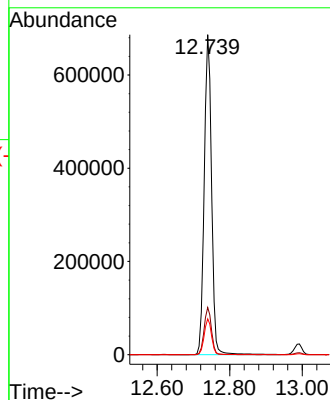
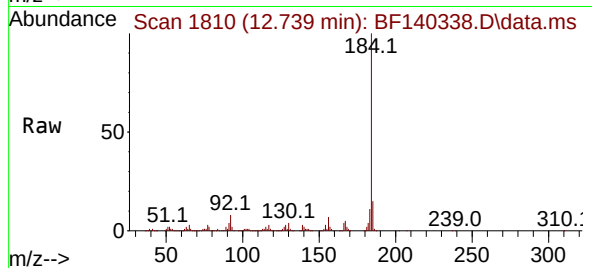




#77
Benzidine
Concen: 74.521 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

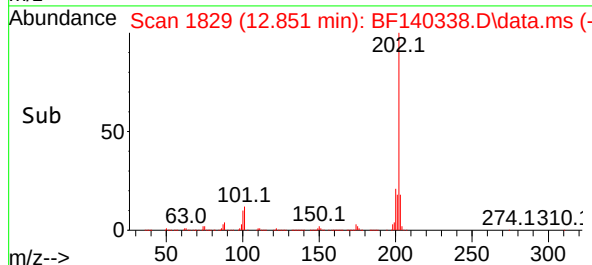
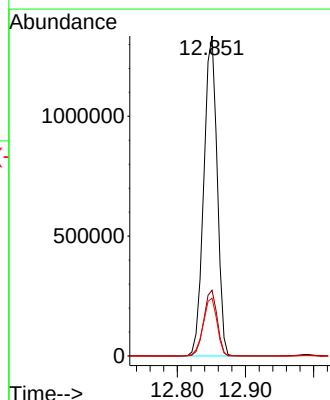
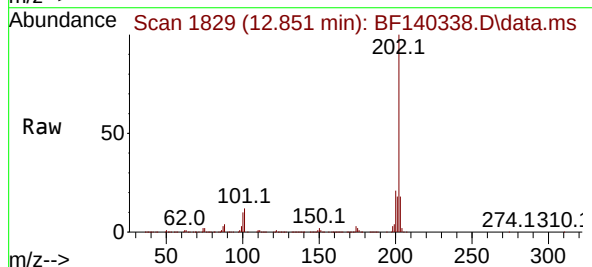
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

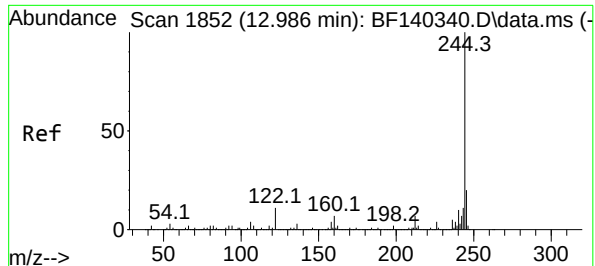
Tgt Ion:184 Resp: 963069
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 11.2 8.6 13.0



#78
Pyrene
Concen: 63.115 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:202 Resp: 1817826
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.2
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 123.975 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

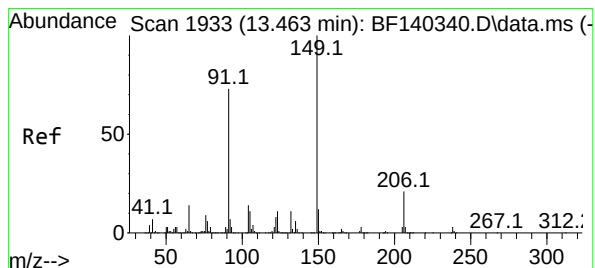
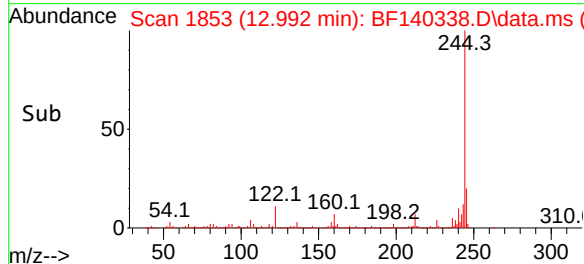
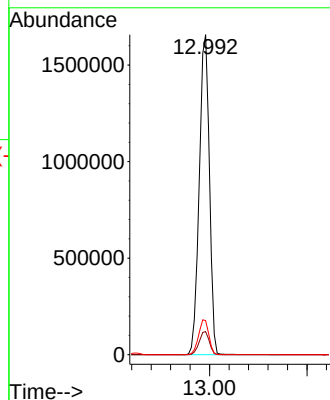
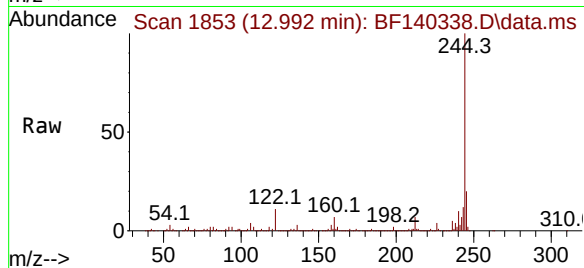
Tgt Ion:244 Resp: 2404917

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 62.173 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

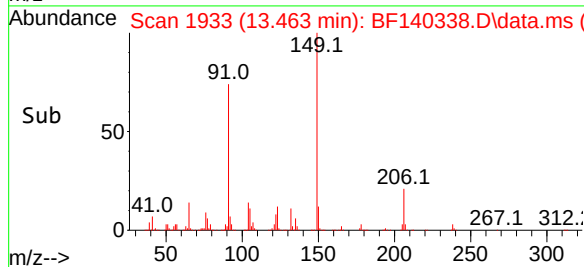
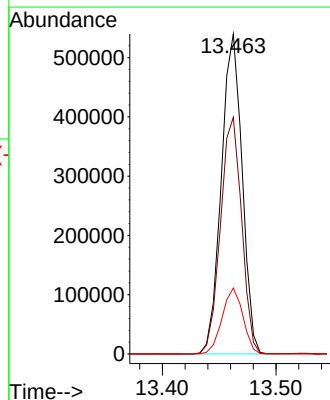
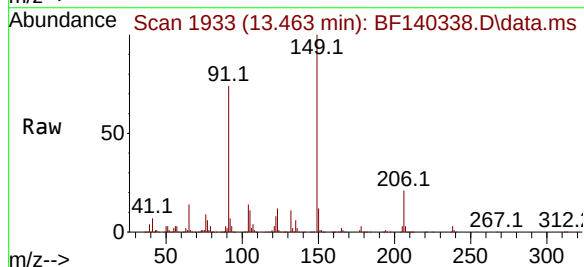
Tgt Ion:149 Resp: 687900

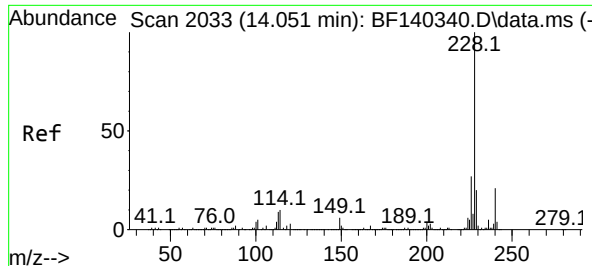
Ion Ratio Lower Upper

149 100

91 73.9 61.0 91.4

206 20.6 16.1 24.1

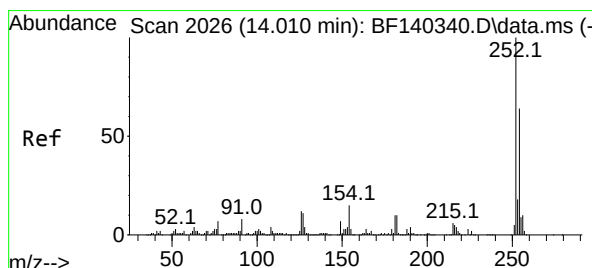
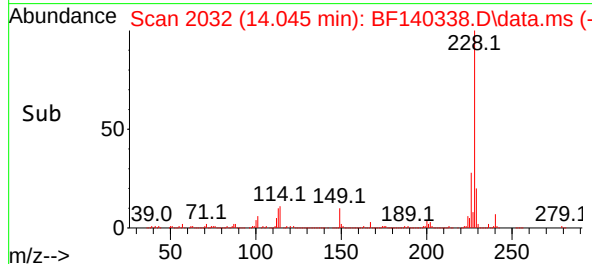
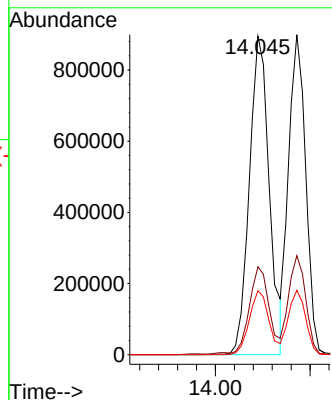
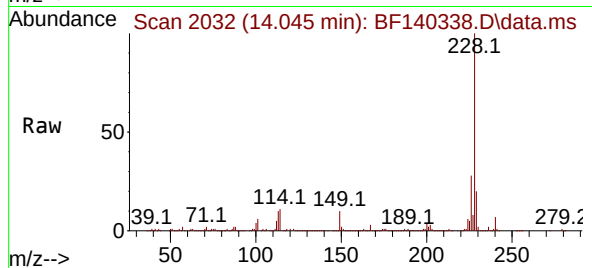




#81
Benzo(a)anthracene
Concen: 59.054 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

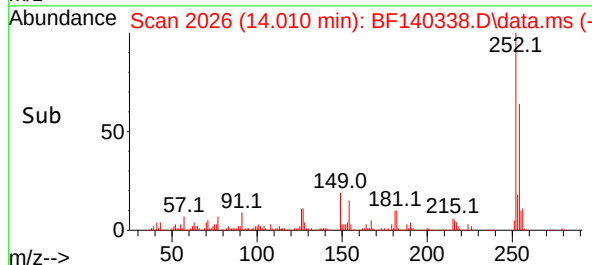
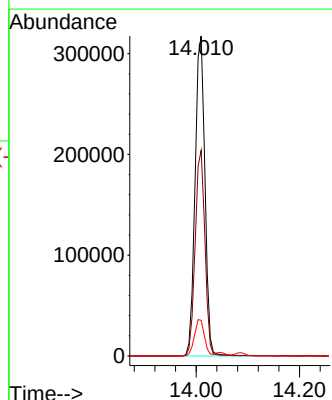
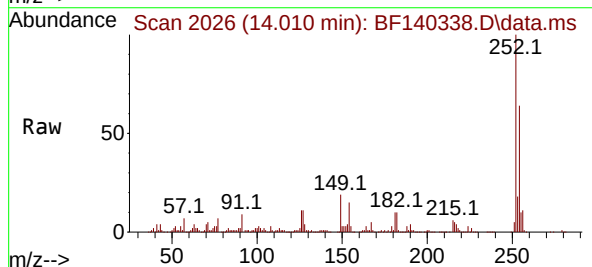
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

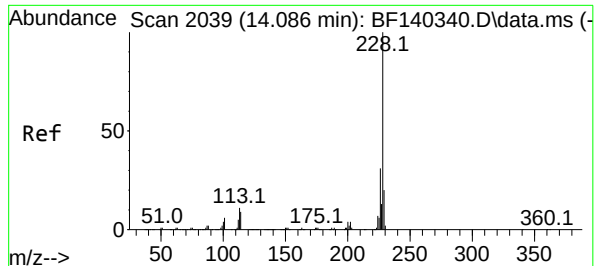
Tgt Ion:228 Resp: 1306865
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 59.701 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:252 Resp: 419937
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 11.1 9.4 14.0





#83

Chrysene

Concen: 56.198 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

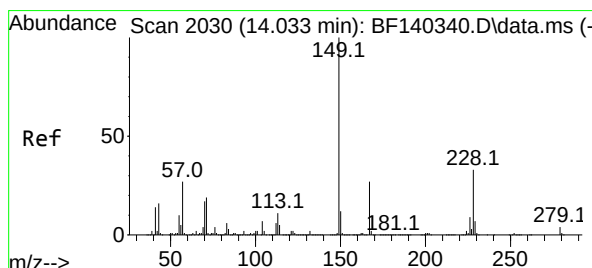
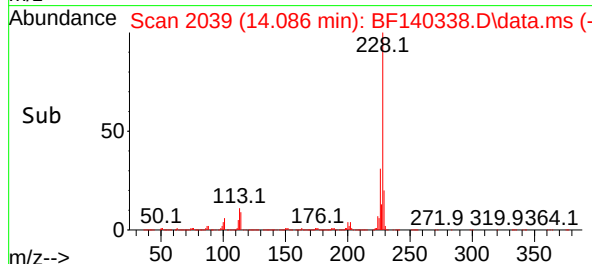
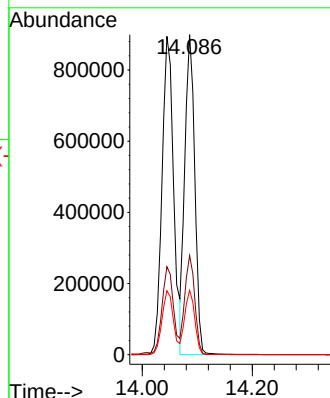
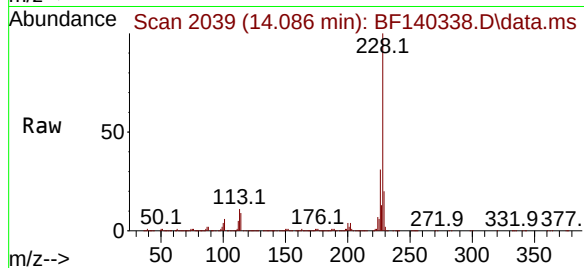
Tgt Ion:228 Resp: 1134734

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.407 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

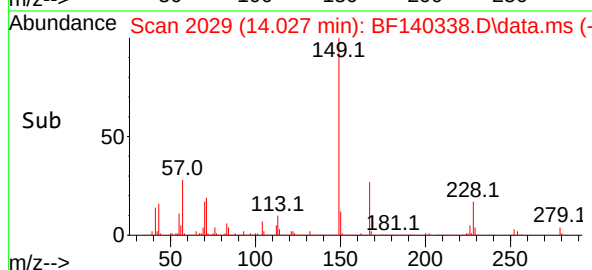
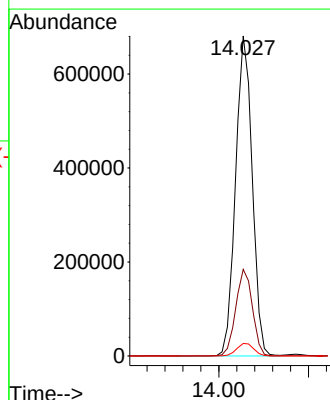
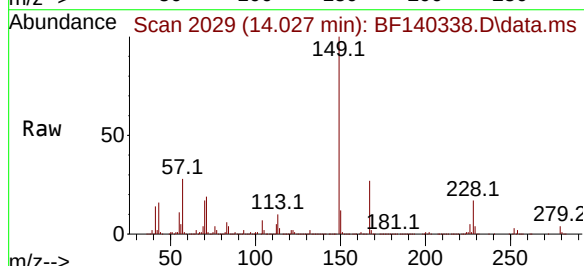
Tgt Ion:149 Resp: 877334

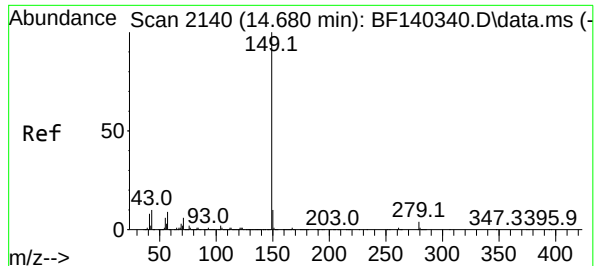
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 3.9 3.0 4.6

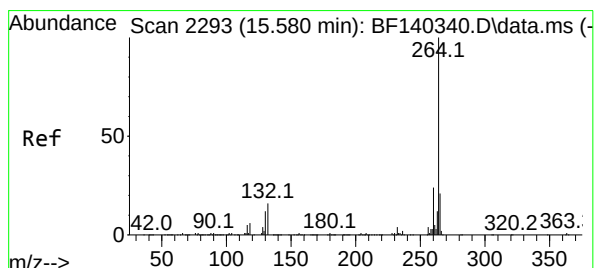
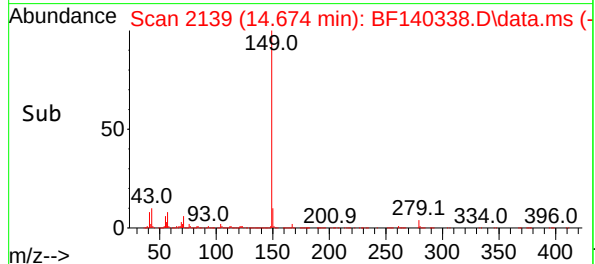
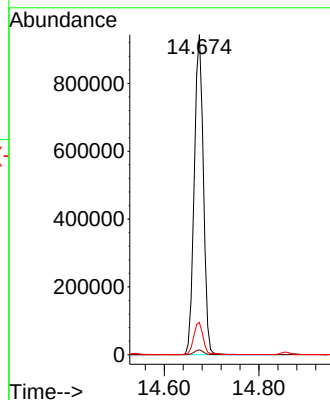
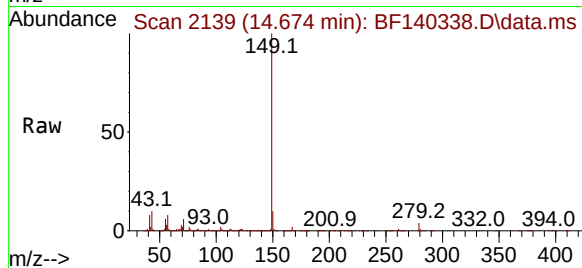




#85
Di-n-octyl phthalate
Concen: 60.287 ng
RT: 14.674 min Scan# 2140
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

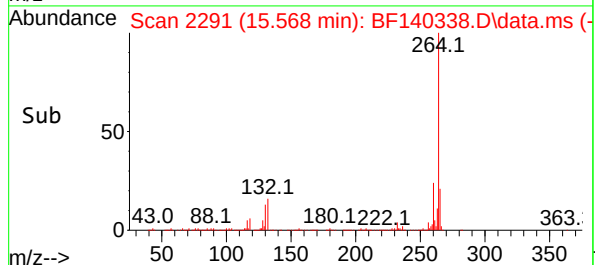
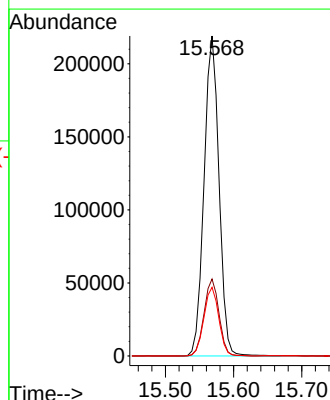
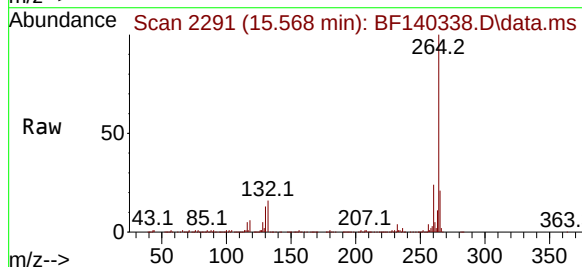
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

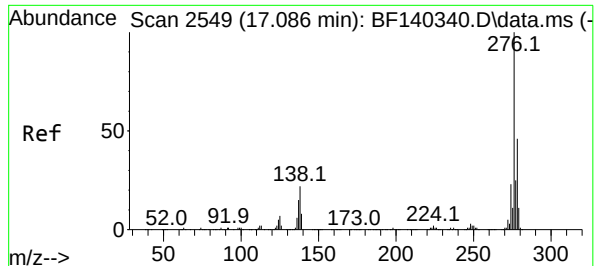
Tgt Ion:149 Resp: 1253939
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:264 Resp: 334279
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.759 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

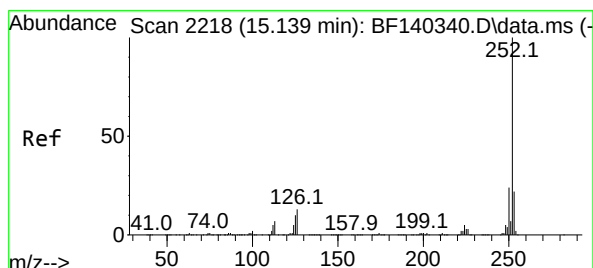
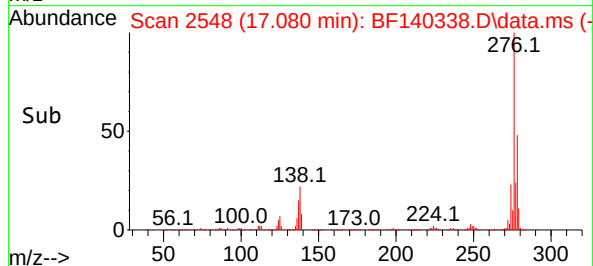
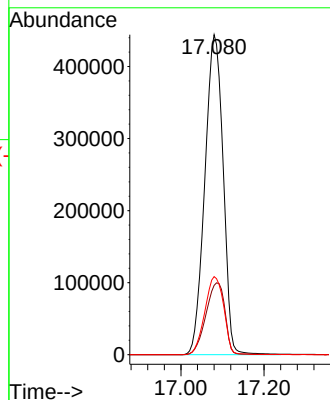
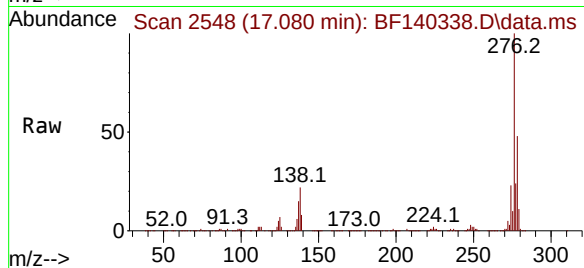
Tgt Ion:276 Resp: 1357877

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 56.564 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.017 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

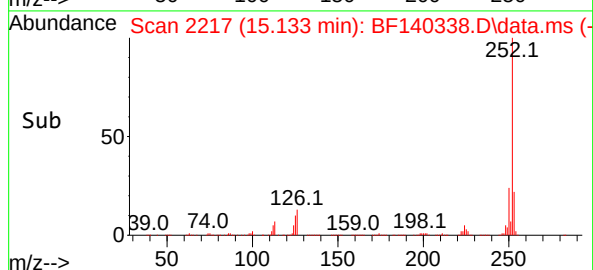
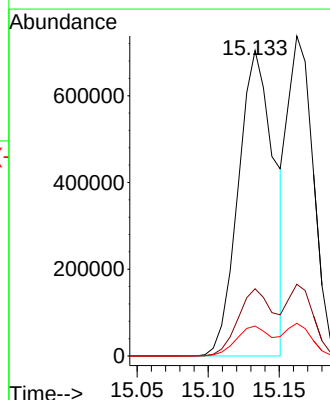
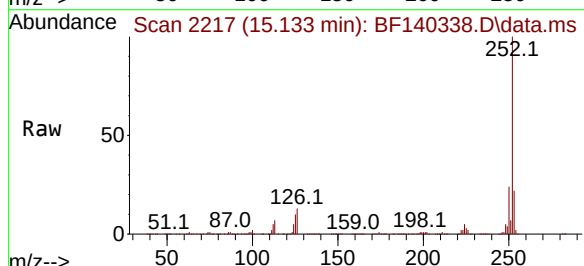
Tgt Ion:252 Resp: 1236880

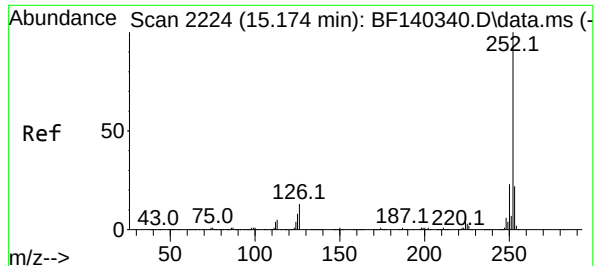
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 52.473 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

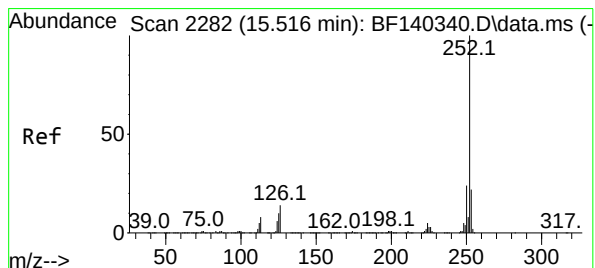
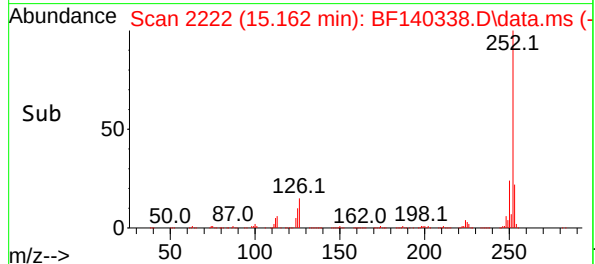
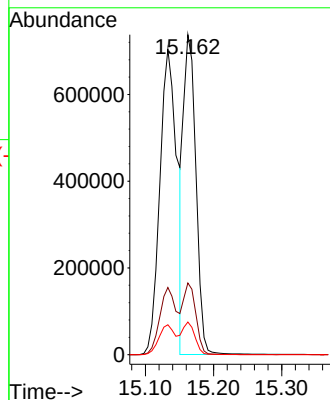
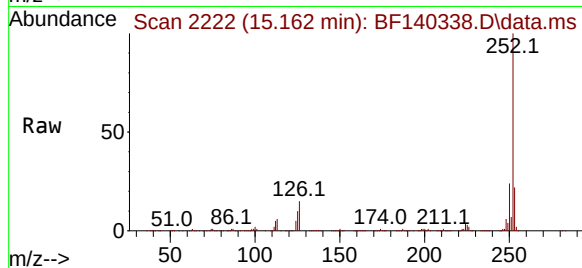
Tgt Ion:252 Resp: 937366

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 10.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 57.887 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.017 min

Lab File: BF140338.D

Acq: 13 Nov 2024 11:47

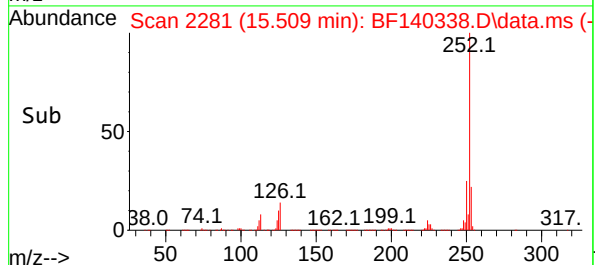
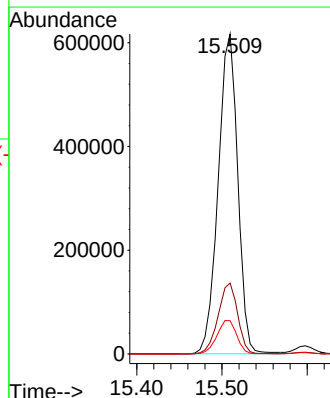
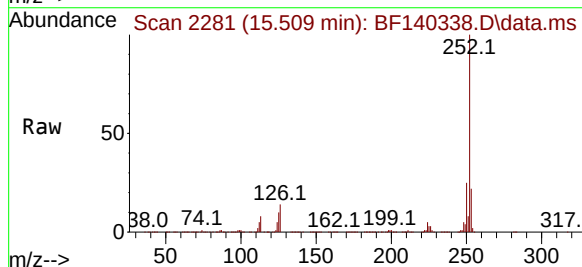
Tgt Ion:252 Resp: 982982

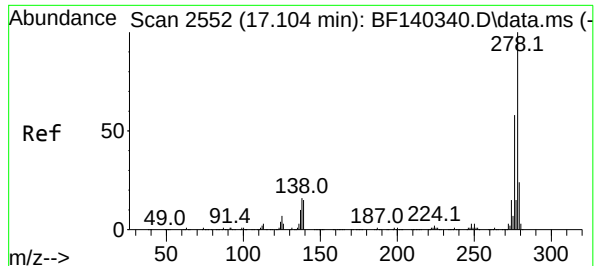
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.4 8.4 12.6

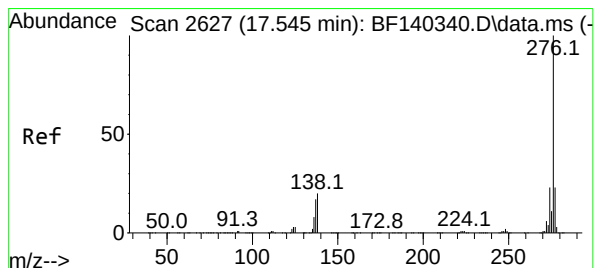
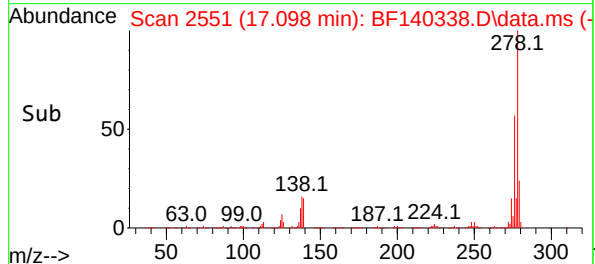
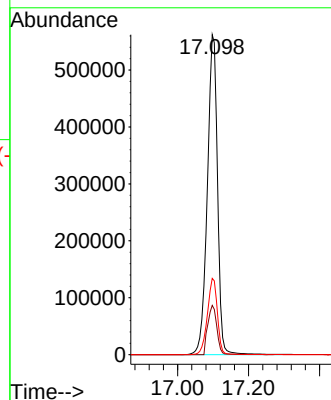
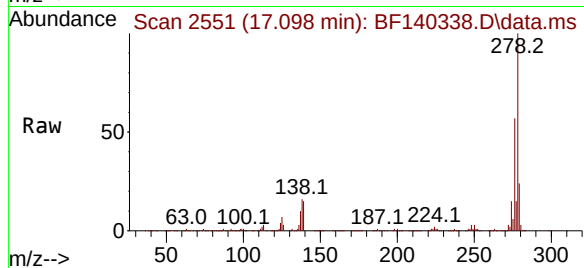




#91
Dibenzo(a,h)anthracene
Concen: 65.856 ng
RT: 17.098 min Scan# 2551
Delta R.T. 0.023 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

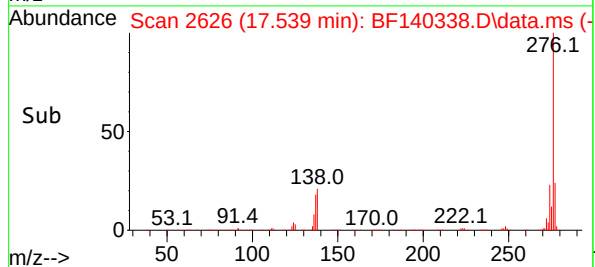
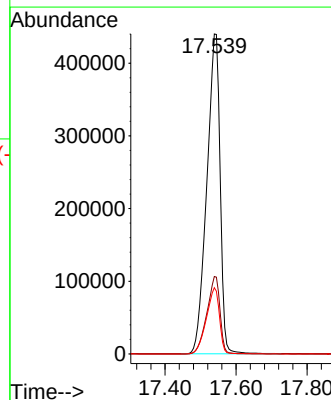
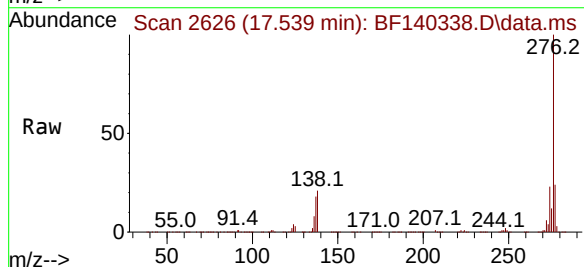
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 1124071
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.8
279 23.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 65.870 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.023 min
Lab File: BF140338.D
Acq: 13 Nov 2024 11:47

Tgt Ion:276 Resp: 1149411
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 20.7 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140339.D
 Acq On : 13 Nov 2024 12:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 14:36:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	160348	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	586224	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	324351	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	591968	20.000	ng	0.00
76) Chrysene-d12	14.057	240	305715	20.000	ng	0.00
86) Perylene-d12	15.562	264	310894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1324090	140.989	ng	0.00
7) Phenol-d6	6.522	99	1804257	141.801	ng	0.02
23) Nitrobenzene-d5	7.451	82	1661144	147.640	ng	0.01
42) 2,4,6-Tribromophenol	10.710	330	471699	146.244	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2675376	132.597	ng	0.00
79) Terphenyl-d14	12.992	244	2674139	151.833	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	307882	73.555	ng	100
3) Pyridine	3.422	79	735683	71.493	ng	99
4) n-Nitrosodimethylamine	3.398	42	402441	77.381	ng	99
6) Aniline	6.551	93	684015	61.797	ng	# 84
8) 2-Chlorophenol	6.675	128	709152	70.295	ng	99
10) Phenol	6.534	94	947993	70.649	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	756191	74.376	ng	99
12) 1,3-Dichlorobenzene	6.822	146	783204	70.364	ng	98
13) 1,4-Dichlorobenzene	6.898	146	783319	69.404	ng	99
14) 1,2-Dichlorobenzene	7.057	146	710399	67.802	ng	99
15) Benzyl Alcohol	7.028	79	654439	71.389	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	993408	70.738	ng	96
17) 2-Methylphenol	7.133	107	604396	72.829	ng	98
18) Hexachloroethane	7.392	117	300328	71.979	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	543998	70.790	ng	100
20) 3+4-Methylphenols	7.292	107	699451	67.394	ng	96
22) Acetophenone	7.298	105	963095	70.637	ng	99
24) Nitrobenzene	7.469	77	870976	74.350	ng	99
25) Isophorone	7.704	82	1487295	74.586	ng	100
26) 2-Nitrophenol	7.781	139	401982	77.328	ng	99
27) 2,4-Dimethylphenol	7.816	122	500708	75.234	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	887655	72.597	ng	100
29) 2,4-Dichlorophenol	8.022	162	597530	72.647	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	663478	72.454	ng	99
31) Naphthalene	8.186	128	2076967	69.842	ng	99
32) Benzoic acid	7.969	122	529009	90.483	ng	96
33) 4-Chloroaniline	8.245	127	729859	70.572	ng	99
34) Hexachlorobutadiene	8.298	225	417242	71.513	ng	100
35) Caprolactam	8.627	113	208353m	75.344	ng	
36) 4-Chloro-3-methylphenol	8.716	107	672162	73.742	ng	100
37) 2-Methylnaphthalene	8.875	142	1323889	69.428	ng	100
38) 1-Methylnaphthalene	8.975	142	1289276	69.046	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	629856	70.223	ng	100
41) Hexachlorocyclopentadiene	9.022	237	187869	81.579	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	442116	75.110	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	468390	72.781	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140339.D
 Acq On : 13 Nov 2024 12:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 14:36:37 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 13 13:11:08 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	1613420	68.375	ng	99
47) 2-Chloronaphthalene	9.363	162	1259442	70.067	ng	98
48) 2-Nitroaniline	9.463	65	454975	76.323	ng	98
49) Acenaphthylene	9.780	152	1869941	68.758	ng	99
50) Dimethylphthalate	9.645	163	1532197	72.473	ng	100
51) 2,6-Dinitrotoluene	9.704	165	348019	72.207	ng	93
52) Acenaphthene	9.951	154	1305360	71.065	ng	99
53) 3-Nitroaniline	9.874	138	356185	70.369	ng	98
54) 2,4-Dinitrophenol	9.980	184	217511	87.514	ng	98
55) Dibenzofuran	10.127	168	1743431	67.047	ng	100
56) 4-Nitrophenol	10.033	139	291787	79.032	ng	96
57) 2,4-Dinitrotoluene	10.110	165	454770	71.693	ng	94
58) Fluorene	10.469	166	1382804	67.316	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	374293	73.723	ng	100
60) Diethylphthalate	10.339	149	1537607	71.126	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	685111	67.555	ng	99
62) 4-Nitroaniline	10.498	138	385246	74.437	ng	100
63) Azobenzene	10.621	77	1508804	70.637	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	274337	86.136	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1237130	72.330	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	426112	72.010	ng	99
68) Hexachlorobenzene	11.016	284	491825	73.871	ng	99
69) Atrazine	11.110	200	495230	95.702	ng	99
70) Pentachlorophenol	11.210	266	308099	85.908	ng	99
71) Phenanthrene	11.433	178	1941678	69.825	ng	99
72) Anthracene	11.486	178	1901483	69.770	ng	100
73) Carbazole	11.639	167	1853513	68.878	ng	99
74) Di-n-butylphthalate	11.963	149	2283744	70.708	ng	100
75) Fluoranthene	12.621	202	2053832	65.832	ng	99
77) Benzidine	12.739	184	1147944	97.835	ng	99
78) Pyrene	12.851	202	2044224	78.173	ng	99
80) Butylbenzylphthalate	13.462	149	768354	76.487	ng	98
81) Benzo(a)anthracene	14.045	228	1461193	72.724	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	488462	76.486	ng	99
83) Chrysene	14.086	228	1343316	73.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	994724	74.186	ng	99
85) Di-n-octyl phthalate	14.668	149	1481946	78.474	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1638318	85.308	ng	99
88) Benzo(b)fluoranthene	15.127	252	1490709	73.300	ng	100
89) Benzo(k)fluoranthene	15.156	252	1103915	66.445	ng	98
90) Benzo(a)pyrene	15.504	252	1179142	74.662	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	1339293	84.367	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1392525	85.805	ng	99

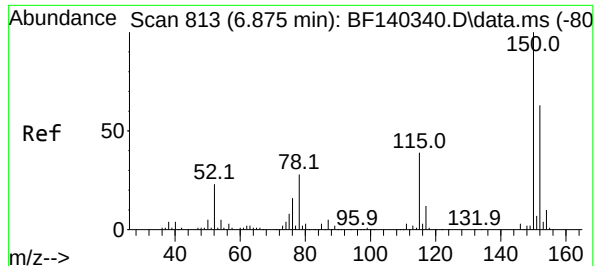
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Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations

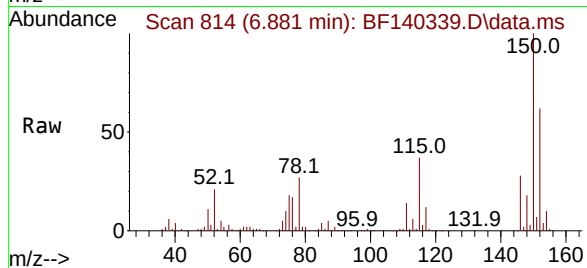
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

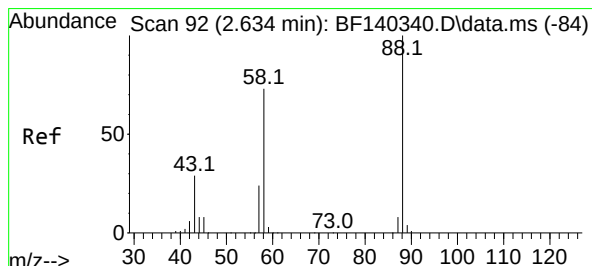
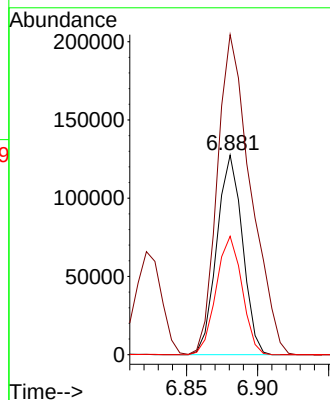
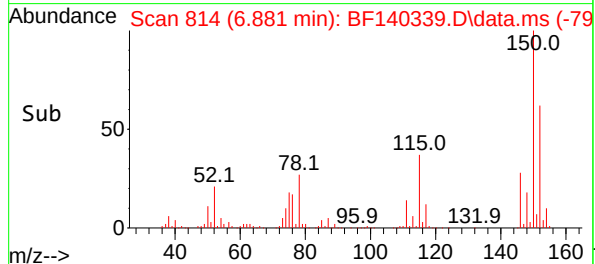
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 160344
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.0
115 59.4 47.4 71.2

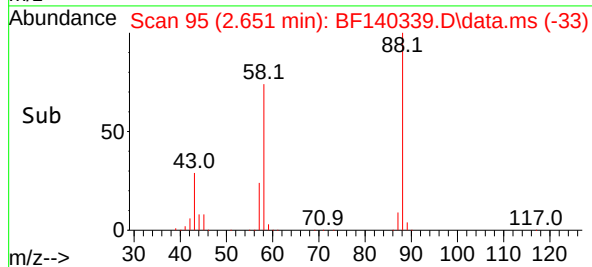
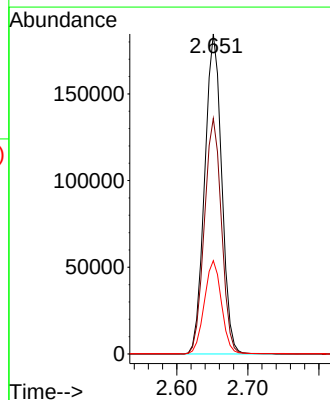
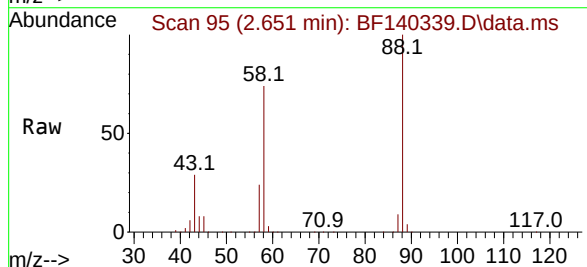
Manual Integrations
APPROVED

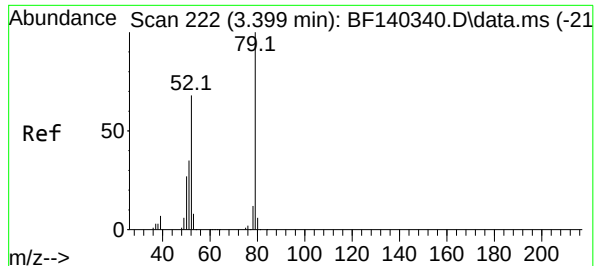
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#2
1,4-Dioxane
Concen: 73.555 ng
RT: 2.651 min Scan# 95
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 88 Resp: 307882
Ion Ratio Lower Upper
88 100
58 74.0 59.5 89.3
43 29.5 23.4 35.2





#3

Pyridine

Concen: 71.493 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 73568

Ion Ratio Lower Upper

79 100

52 67.9 53.8 80.6

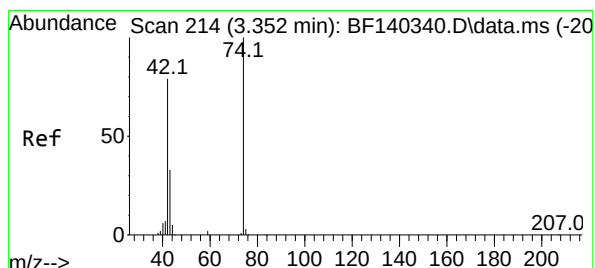
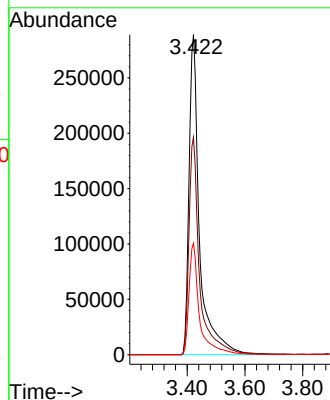
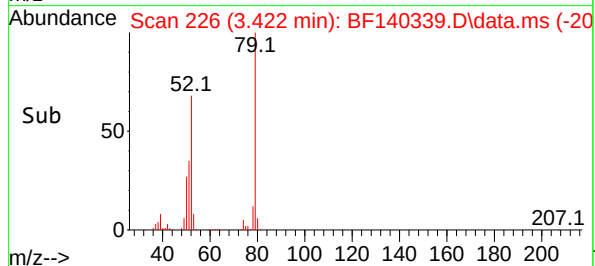
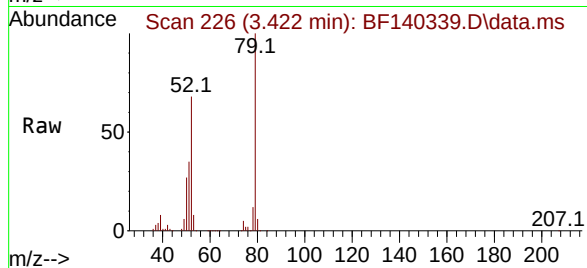
51 34.8 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#4

n-Nitrosodimethylamine

Concen: 77.381 ng

RT: 3.398 min Scan# 222

Delta R.T. 0.041 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

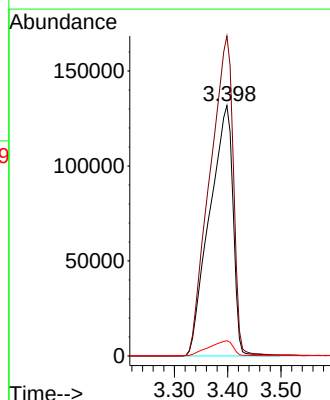
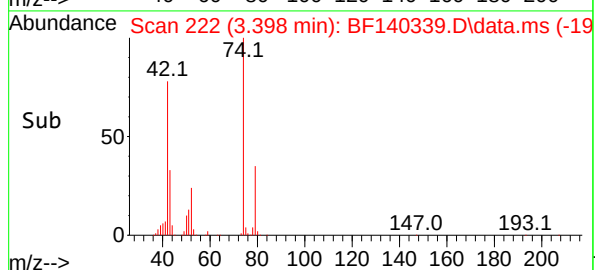
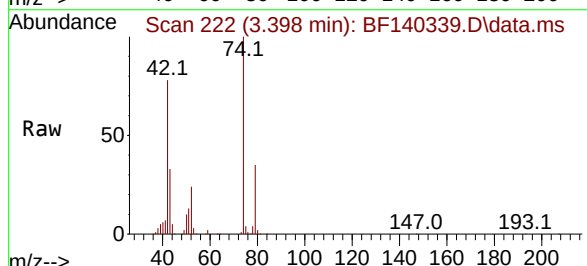
Tgt Ion: 42 Resp: 402441

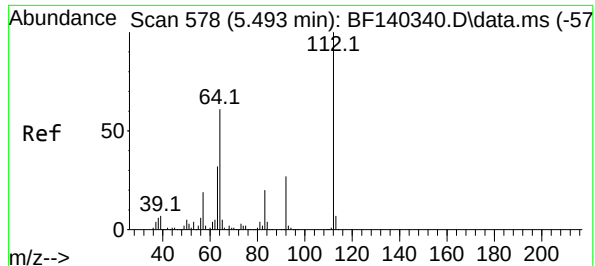
Ion Ratio Lower Upper

42 100

74 127.8 103.5 155.3

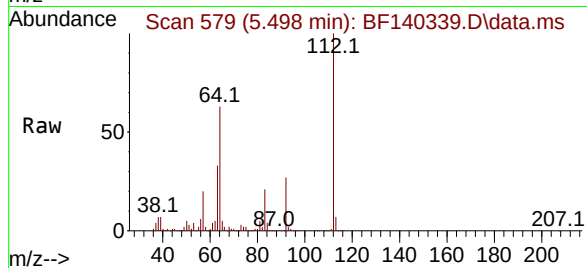
44 6.1 5.1 7.7





#5
2-Fluorophenol
Concen: 140.989 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

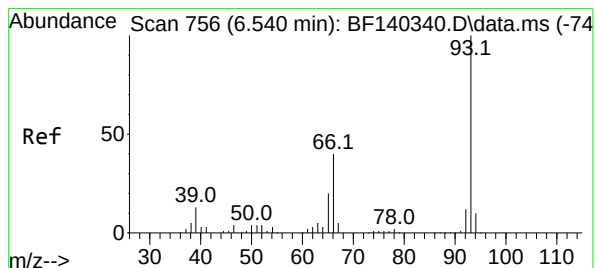
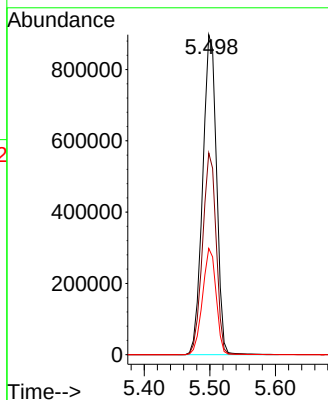
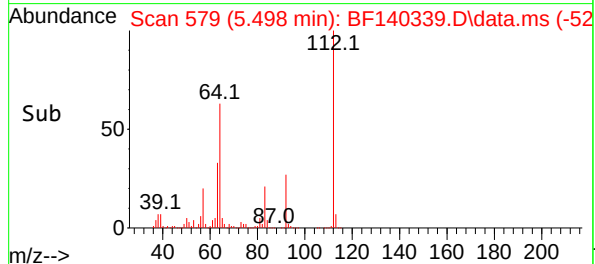
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 1324090
Ion Ratio Lower Upper
112 100
64 63.1 49.2 73.8
63 33.2 25.6 38.4

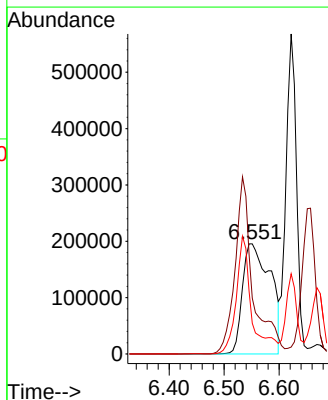
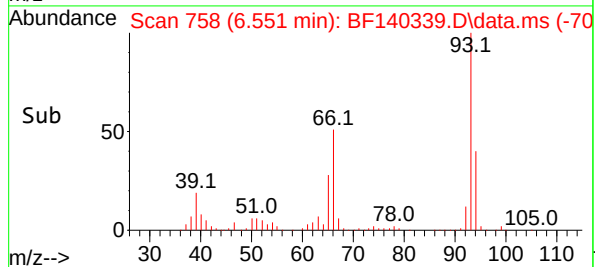
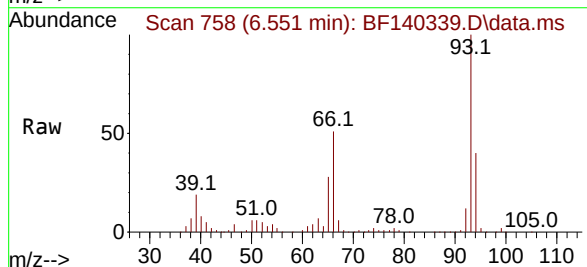
Manual Integrations
APPROVED

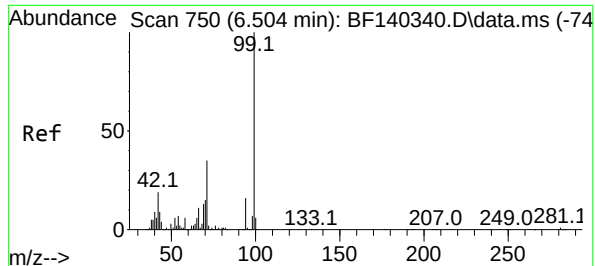
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#6
Aniline
Concen: 61.797 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 93 Resp: 684015
Ion Ratio Lower Upper
93 100
66 50.8 32.8 49.2#
65 27.9 16.6 25.0#





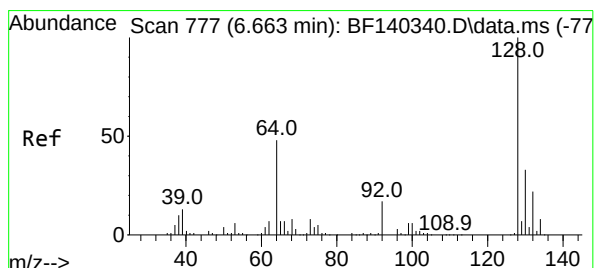
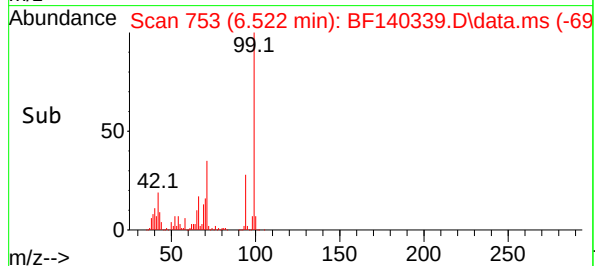
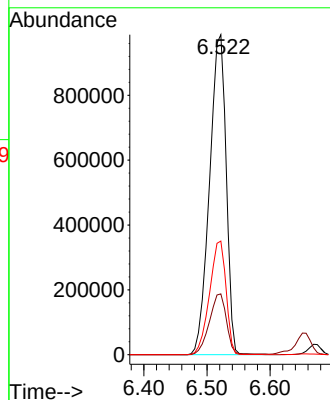
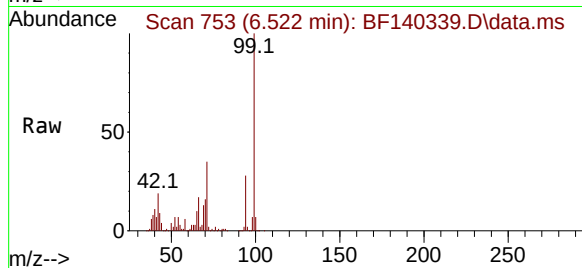
#7
Phenol-d6
Concen: 141.801 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 180425
Ion Ratio Lower Upper
99 100
42 19.0 15.1 22.7
71 35.5 27.9 41.9

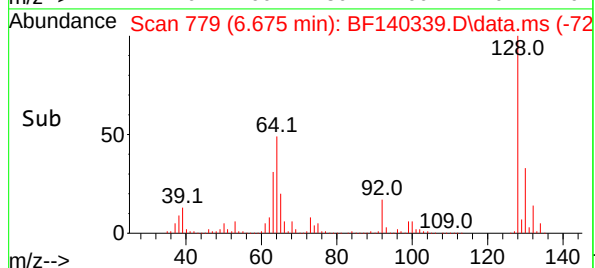
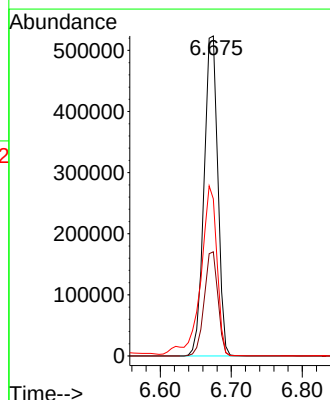
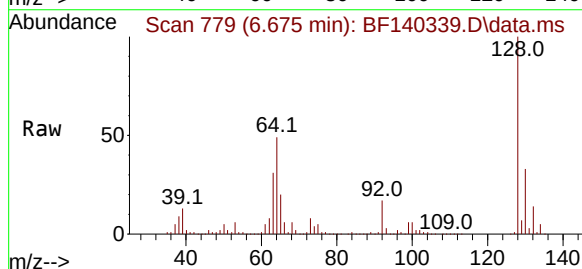
Manual Integrations
APPROVED

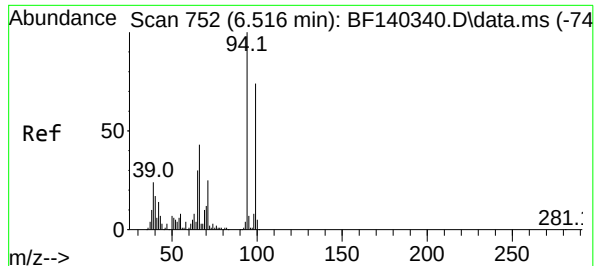
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#8
2-Chlorophenol
Concen: 70.295 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

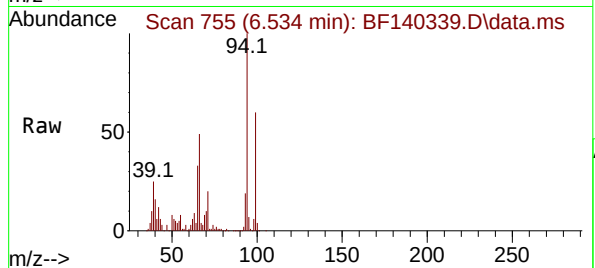
Tgt Ion:128 Resp: 709152
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 49.1 30.2 70.2





#10
Phenol
Concen: 70.649 ng
RT: 6.534 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

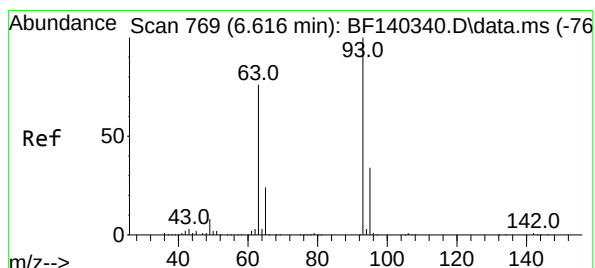
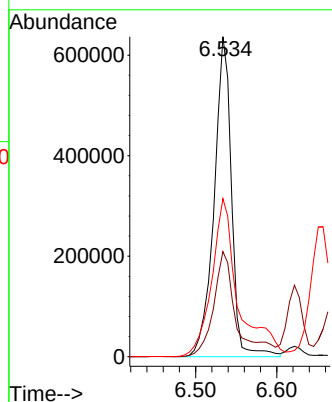
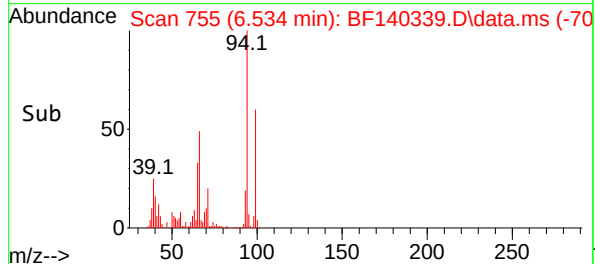
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



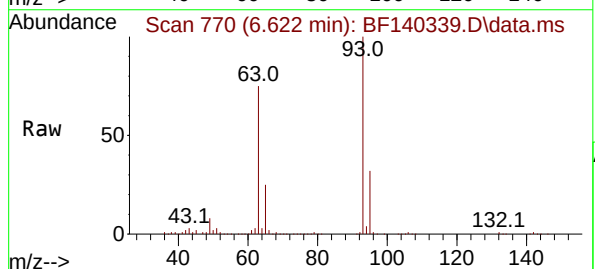
Tgt Ion: 94 Resp: 94799
Ion Ratio Lower Upper
94 100
65 32.8 10.4 50.4
66 49.4 22.9 62.9

Manual Integrations
APPROVED

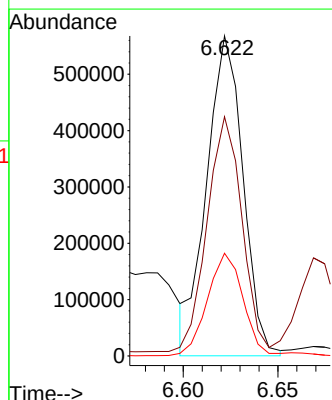
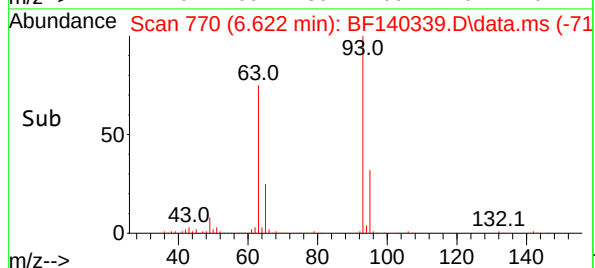
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

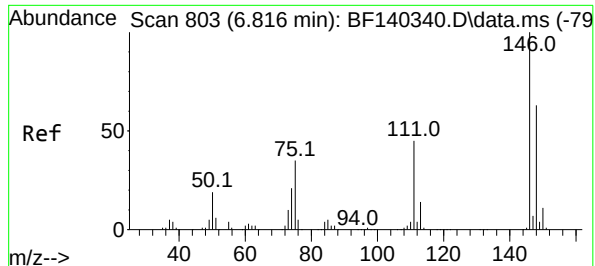


#11
bis(2-Chloroethyl)ether
Concen: 74.376 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion: 93 Resp: 756191
Ion Ratio Lower Upper
93 100
63 74.7 54.0 94.0
95 32.1 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 70.364 ng

RT: 6.822 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 783204

Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

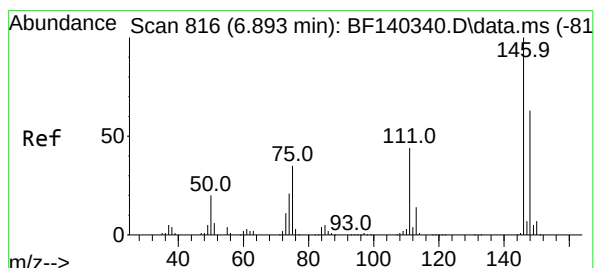
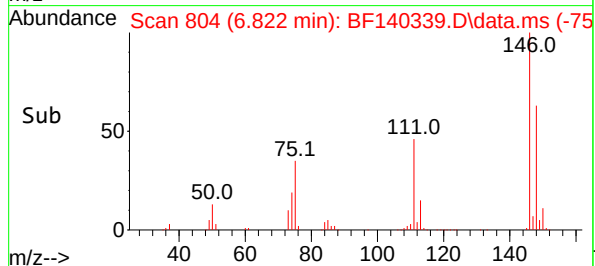
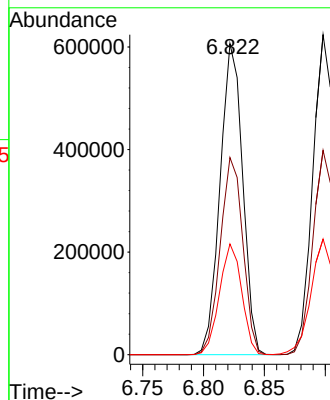
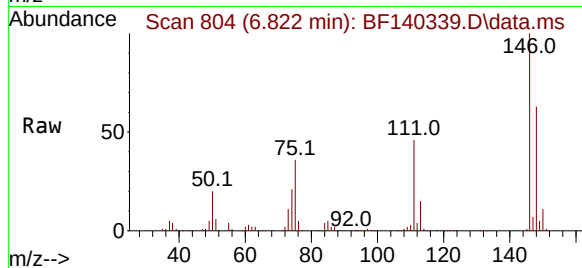
75 35.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#13

1,4-Dichlorobenzene

Concen: 69.404 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

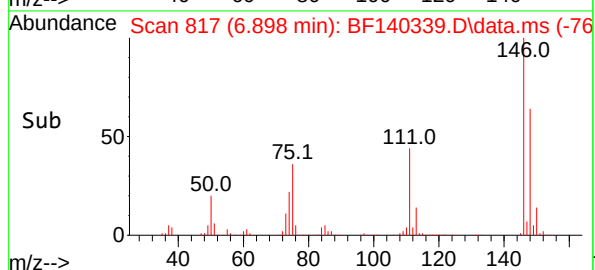
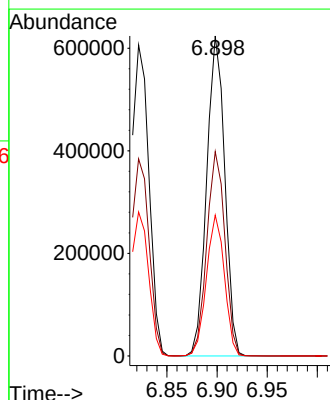
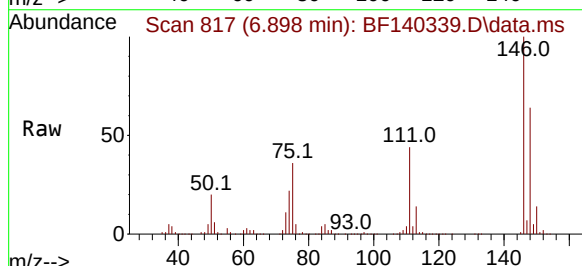
Tgt Ion:146 Resp: 783319

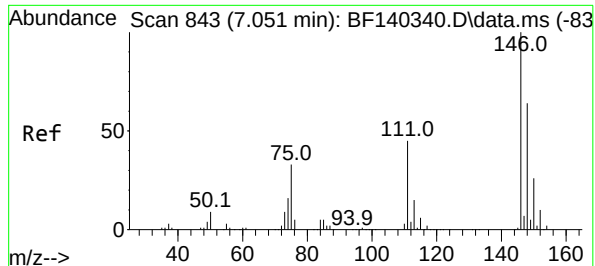
Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

111 44.0 34.2 51.2





#14

1,2-Dichlorobenzene

Concen: 67.802 ng

RT: 7.057 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 71039

Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

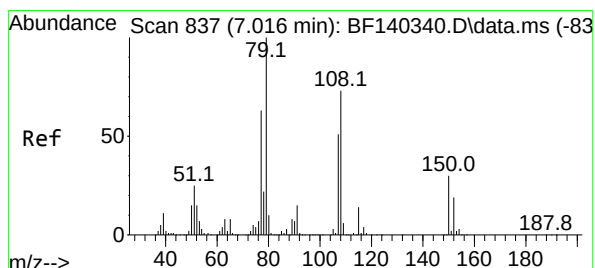
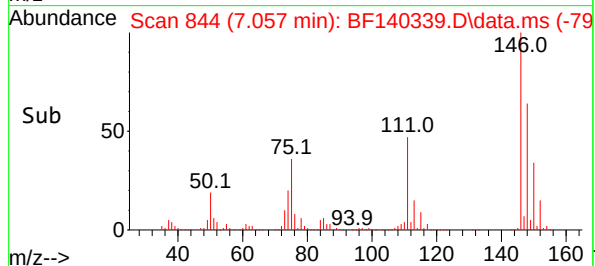
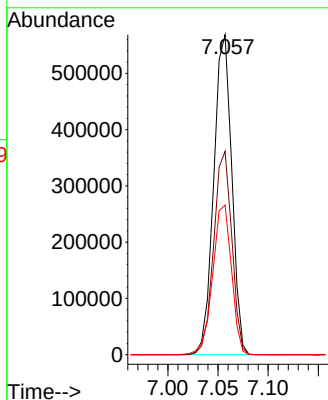
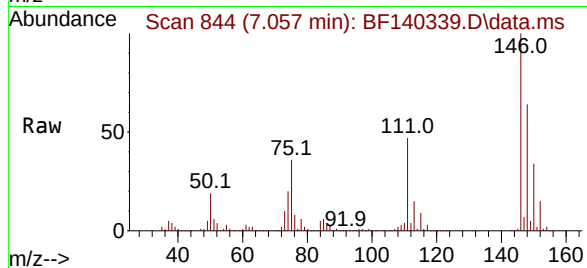
111 46.7 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#15

Benzyl Alcohol

Concen: 71.389 ng

RT: 7.028 min Scan# 839

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

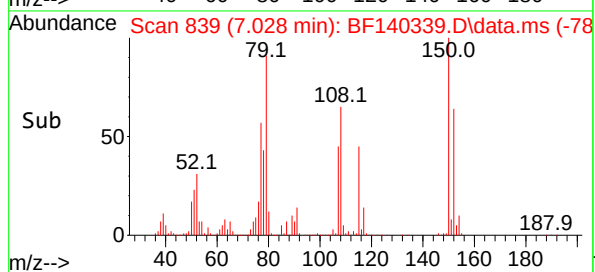
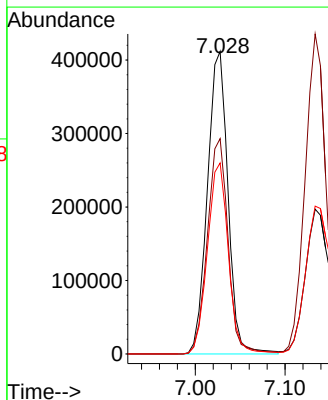
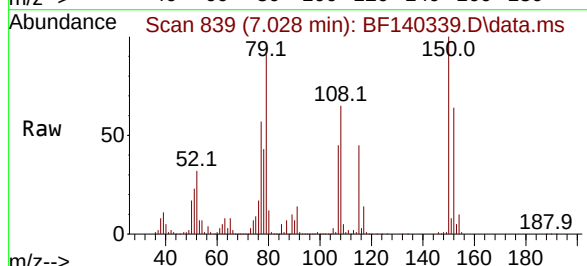
Tgt Ion: 79 Resp: 654439

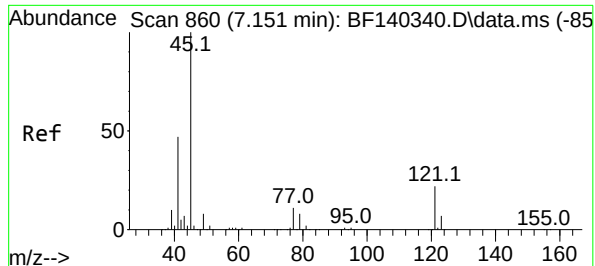
Ion Ratio Lower Upper

79 100

108 71.2 57.8 86.6

77 63.1 49.8 74.6





#16

2,2'-oxybis(1-Chloropropane)

Concen: 70.738 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 45 Resp: 993408

Ion Ratio Lower Upper

45 100

77 16.2 0.0 34.8

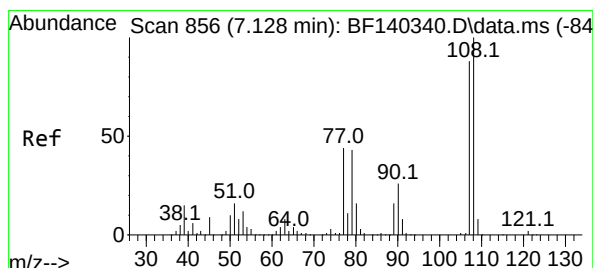
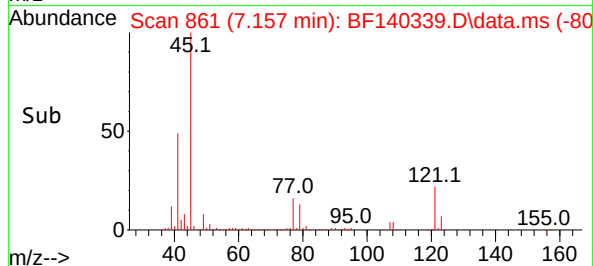
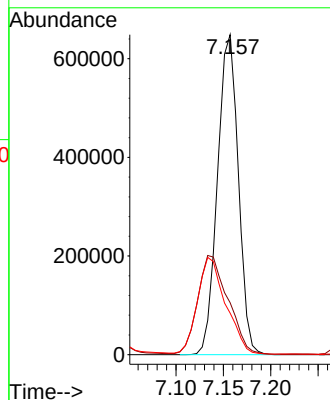
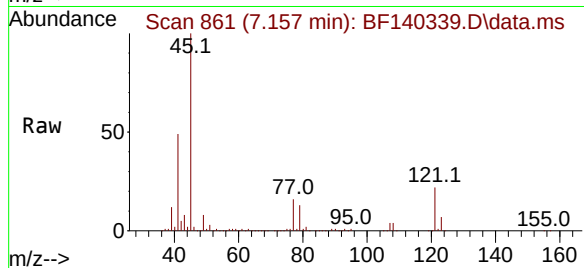
79 13.0 0.0 31.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#17

2-Methylphenol

Concen: 72.829 ng

RT: 7.133 min Scan# 857

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Tgt Ion:107 Resp: 604396

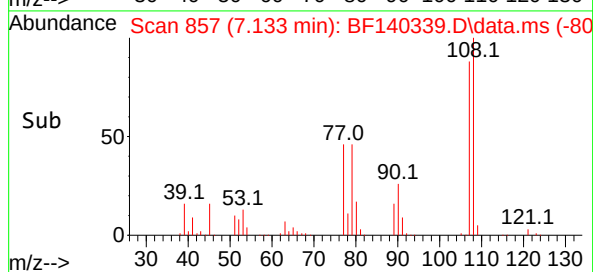
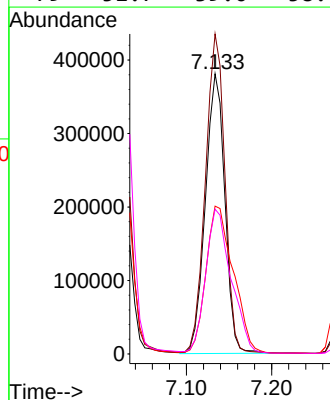
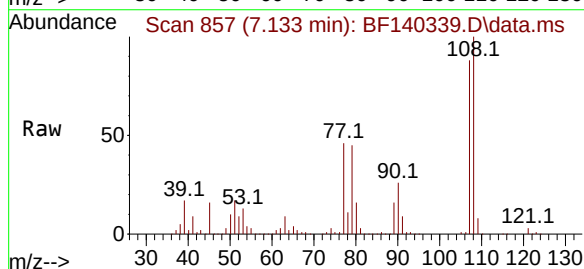
Ion Ratio Lower Upper

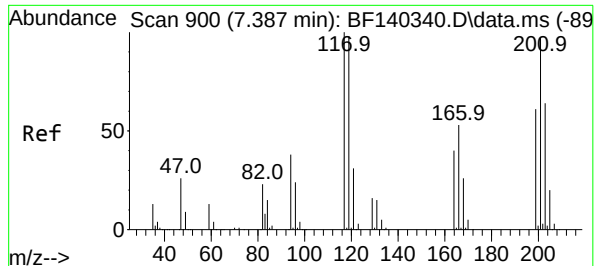
107 100

108 114.2 91.9 137.9

77 52.8 39.7 59.5

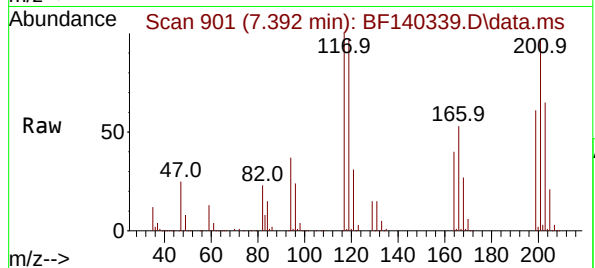
79 51.7 39.0 58.6





#18
Hexachloroethane
Concen: 71.979 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

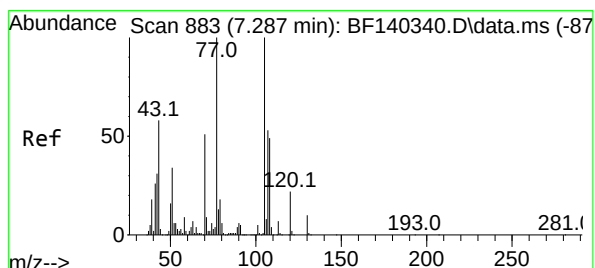
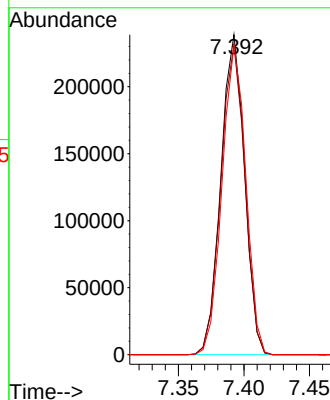
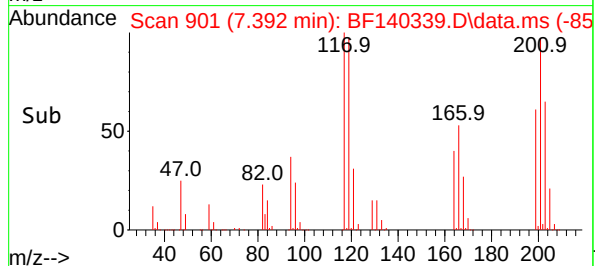
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



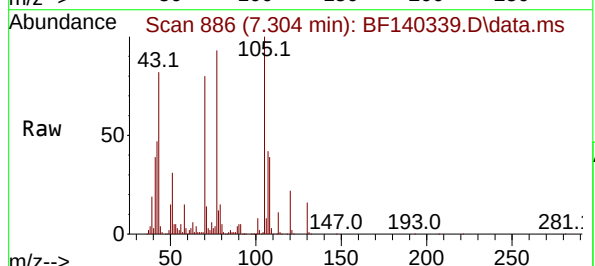
Tgt Ion:117 Resp: 300328
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3
201 96.7 80.2 120.4

Manual Integrations
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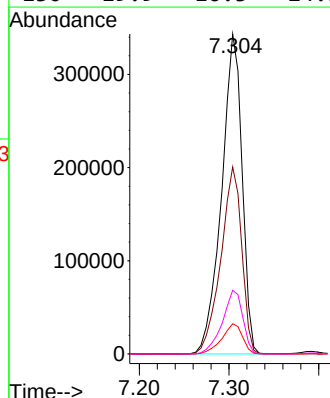
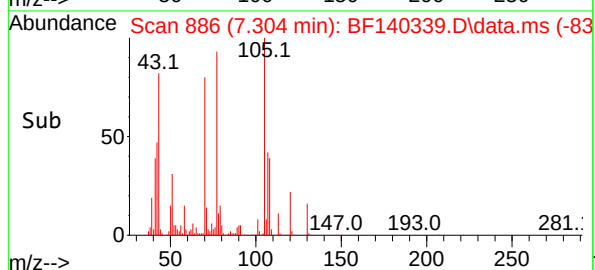
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

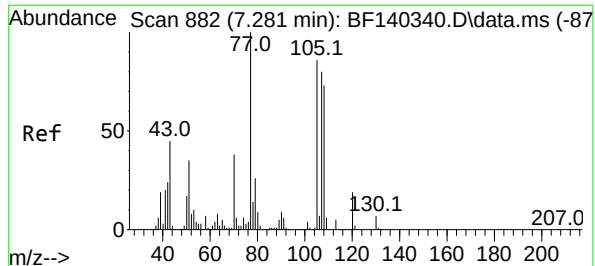


#19
n-Nitroso-di-n-propylamine
Concen: 70.790 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion: 70 Resp: 543998
Ion Ratio Lower Upper
70 100
42 58.5 46.8 70.2
101 9.4 7.5 11.3
130 19.9 16.3 24.5





#20

3+4-Methylphenols

Concen: 67.394 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.012 min

Lab File: BF140339.D

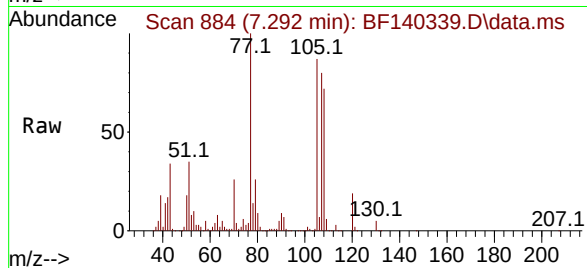
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 69945

Ion Ratio Lower Upper

107 100

108 90.0 71.4 111.4

77 125.0 97.0 137.0

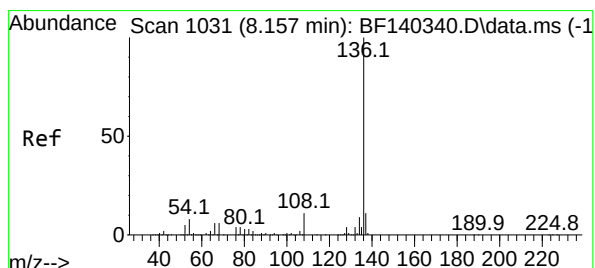
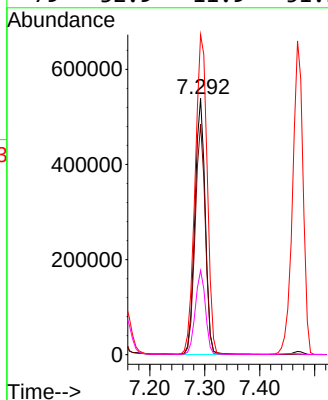
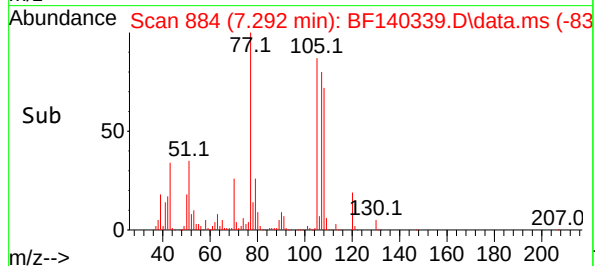
79 32.9 11.9 51.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Tgt Ion:136 Resp: 586224

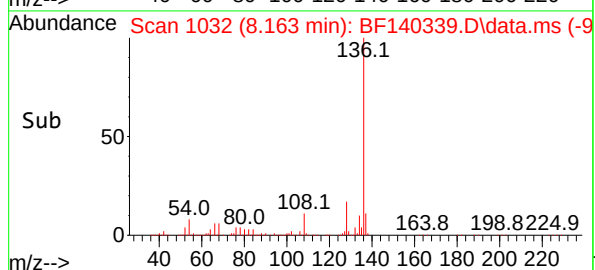
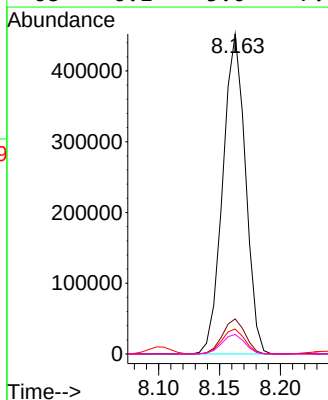
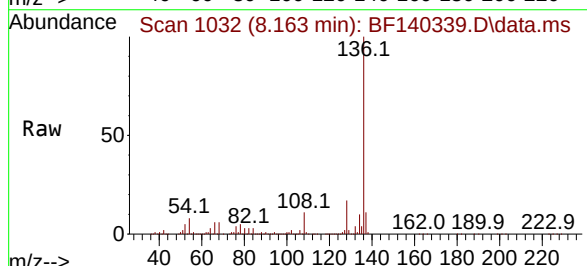
Ion Ratio Lower Upper

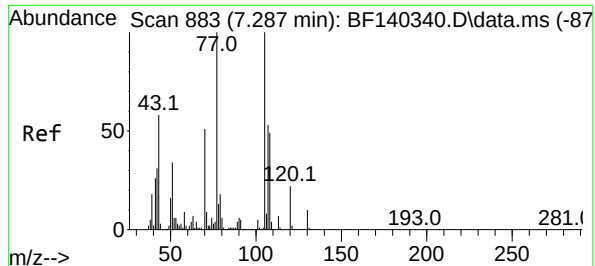
136 100

137 10.9 8.7 13.1

54 7.8 6.5 9.7

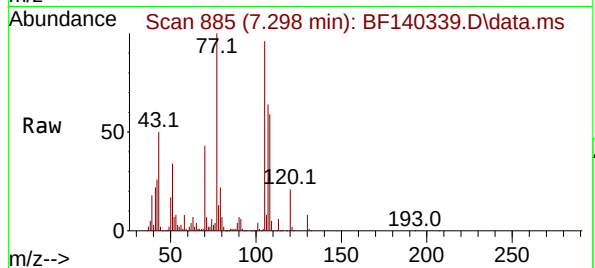
68 6.1 5.0 7.6





#22
Acetophenone
Concen: 70.637 ng
RT: 7.298 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

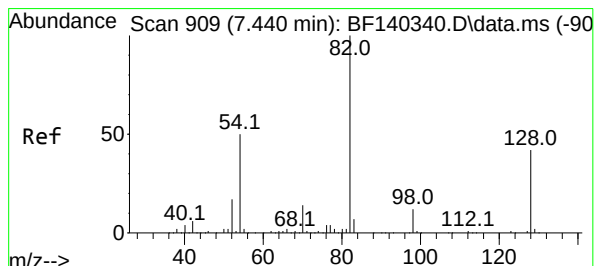
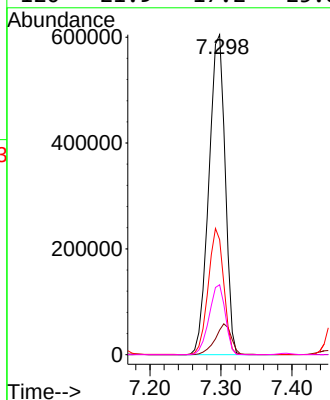
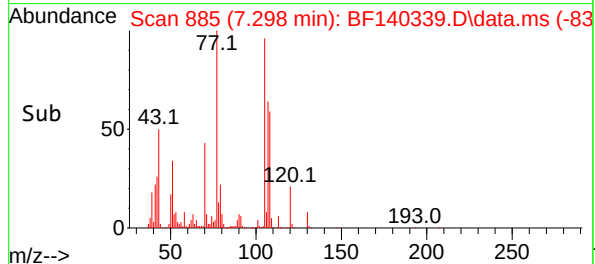
Instrument :
BNA_F
Client Sample Id :
SSTDICC080



Tgt Ion: 105 Resp: 96309
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 36.0 28.6 43.0
120 21.9 17.2 25.8

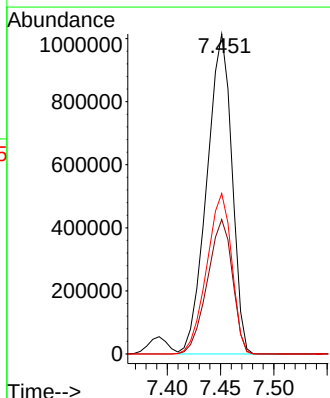
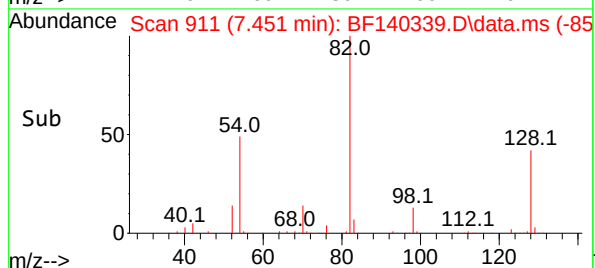
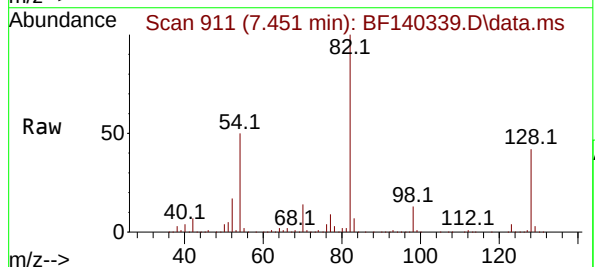
Manual Integrations
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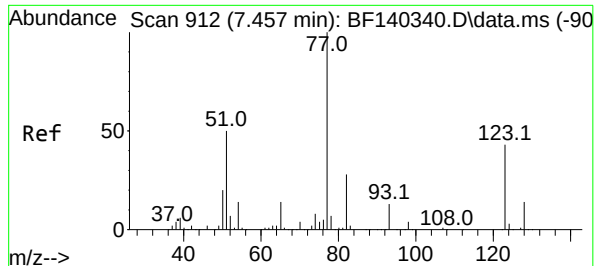
Reviewed By : Yogesh Patel 11/14/2024
Supervised By : mohammad ahmed 11/14/2024



#23
Nitrobenzene-d5
Concen: 147.640 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 82 Resp: 1661144
Ion Ratio Lower Upper
82 100
128 42.0 33.3 49.9
54 50.1 39.8 59.8





#24

Nitrobenzene

Concen: 74.350 ng

RT: 7.469 min Scan# 912

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 870970

Ion Ratio Lower Upper

77 100

123 43.5 35.4 53.0

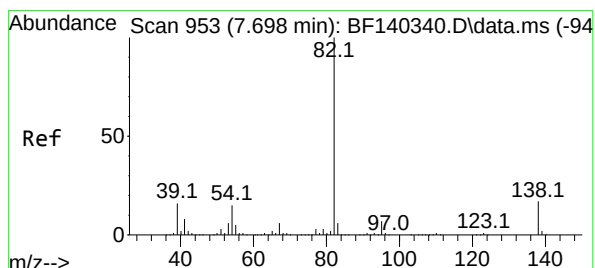
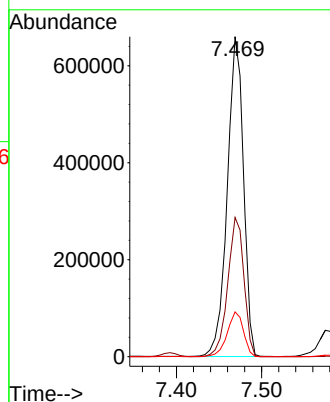
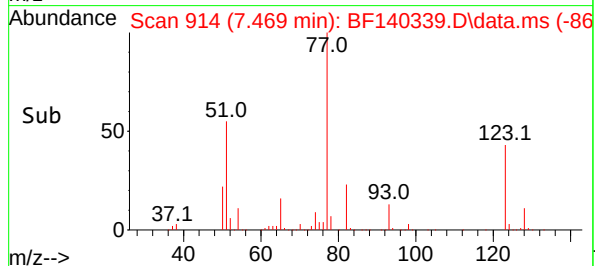
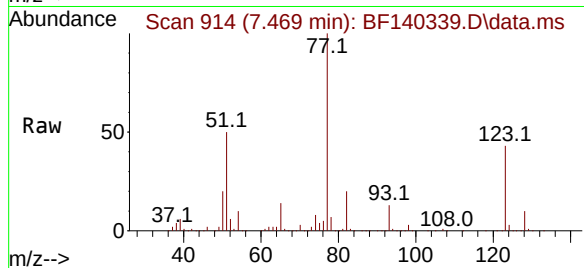
65 14.0 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#25

Isophorone

Concen: 74.586 ng

RT: 7.704 min Scan# 954

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

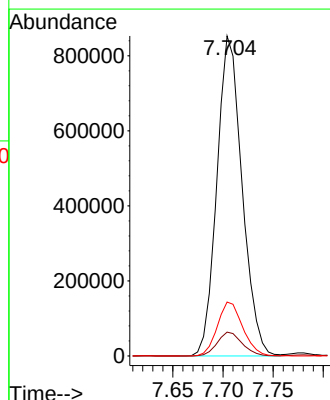
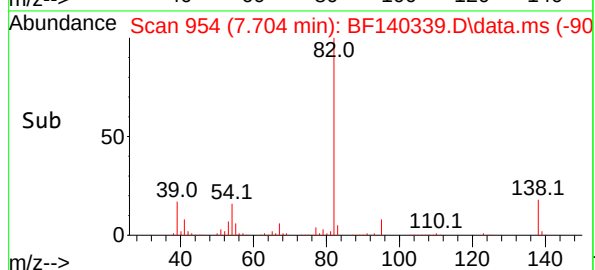
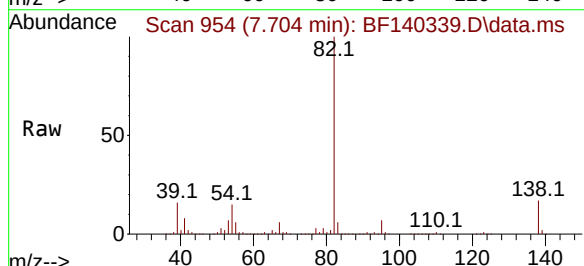
Tgt Ion: 82 Resp: 1487295

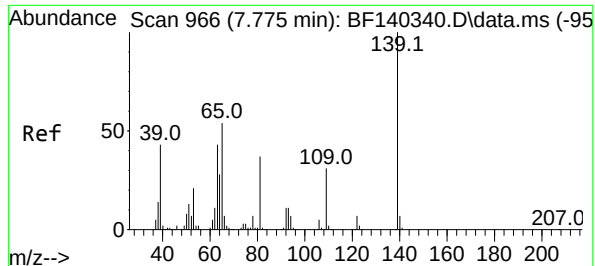
Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

138 16.9 13.4 20.2





#26

2-Nitrophenol

Concen: 77.328 ng

RT: 7.781 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:139 Resp: 40198

Ion Ratio Lower Upper

139 100

109 31.5 24.4 36.6

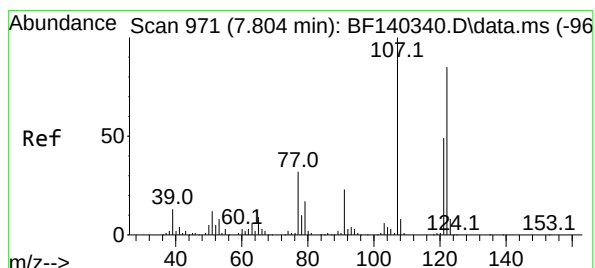
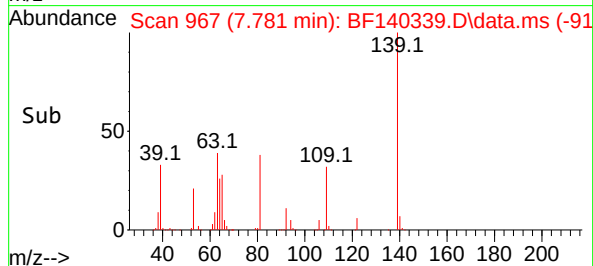
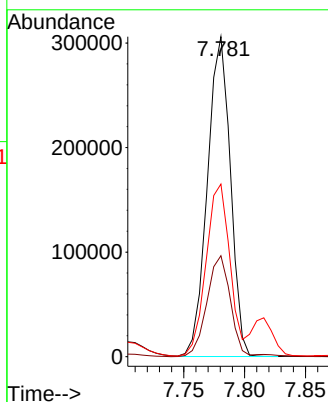
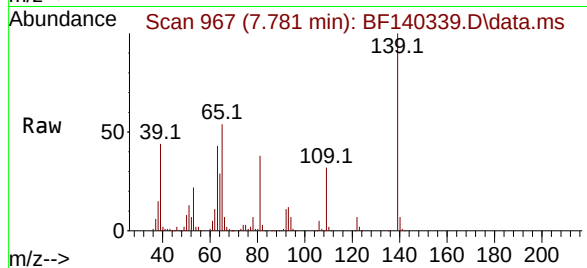
65 53.9 42.8 64.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#27

2,4-Dimethylphenol

Concen: 75.234 ng

RT: 7.816 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

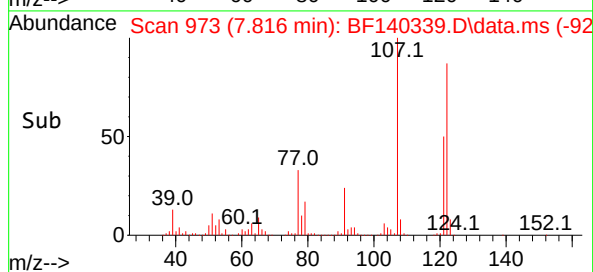
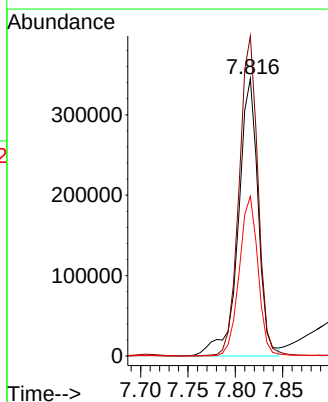
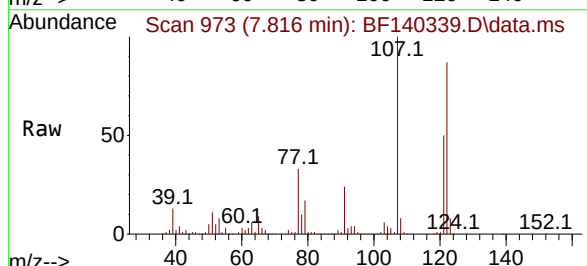
Tgt Ion:122 Resp: 500708

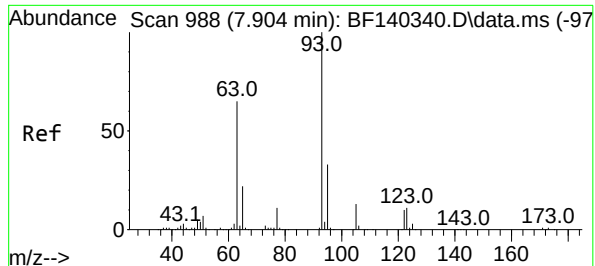
Ion Ratio Lower Upper

122 100

107 115.4 91.3 136.9

121 57.6 45.5 68.3





#28

bis(2-Chloroethoxy)methane

Concen: 72.597 ng

RT: 7.910 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 88765

Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

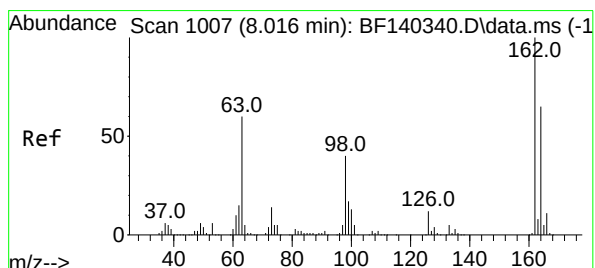
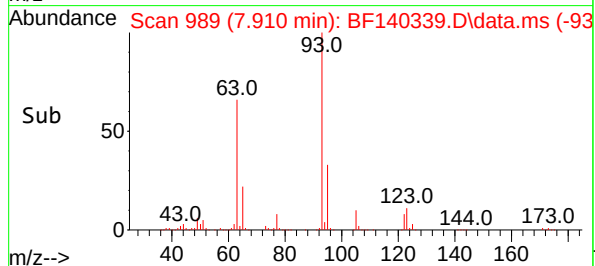
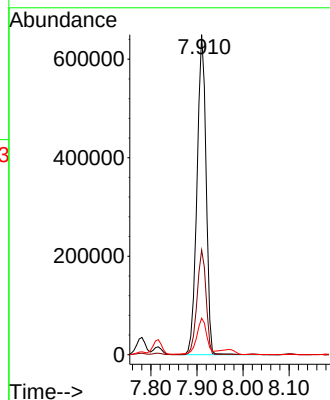
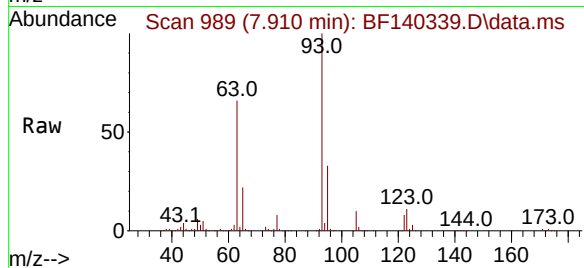
123 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#29

2,4-Dichlorophenol

Concen: 72.647 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

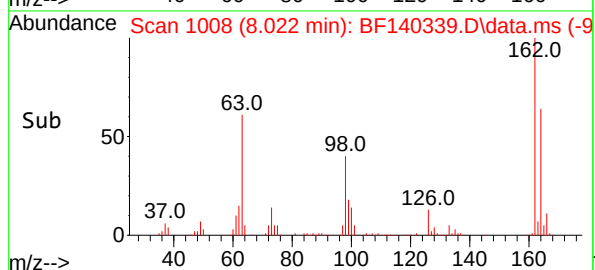
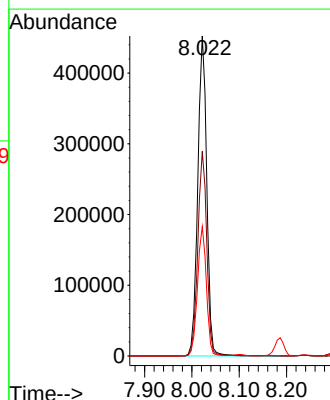
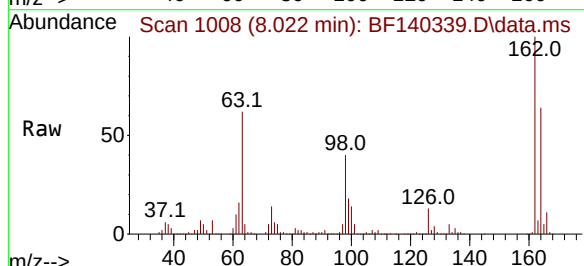
Tgt Ion:162 Resp: 597530

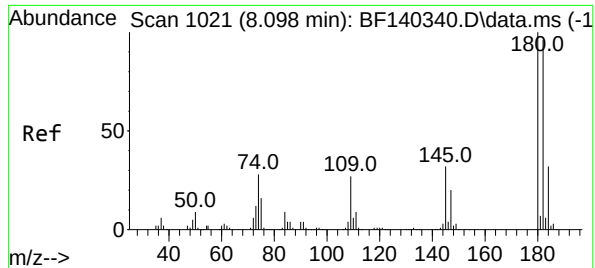
Ion Ratio Lower Upper

162 100

164 64.0 45.4 85.4

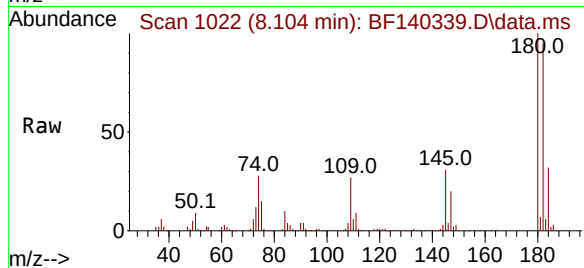
98 40.4 19.9 59.9





#30
1,2,4-Trichlorobenzene
Concen: 72.454 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

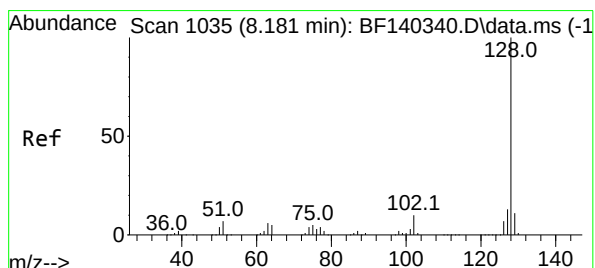
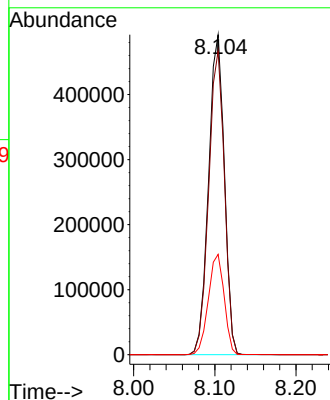
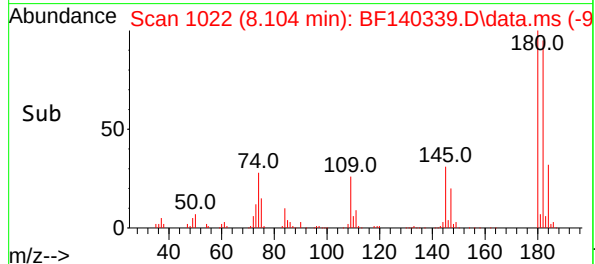
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 663478
Ion Ratio Lower Upper
180 100
182 94.9 76.5 114.7
145 31.4 25.3 37.9

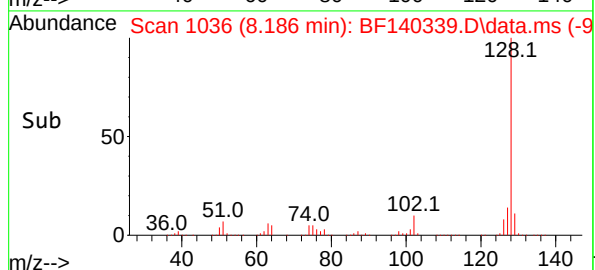
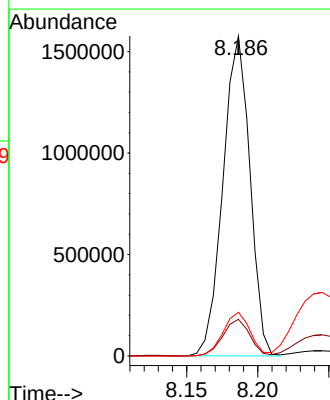
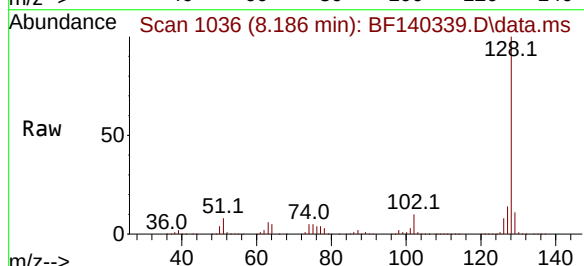
Manual Integrations
APPROVED

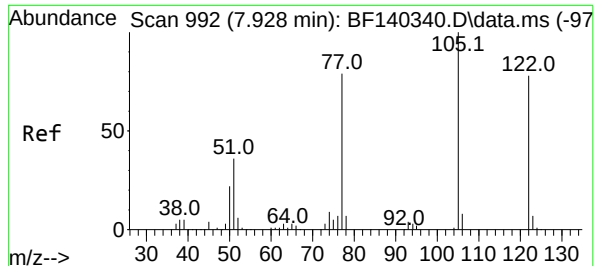
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#31
Naphthalene
Concen: 69.842 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:128 Resp: 2076967
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.7 10.6 15.8





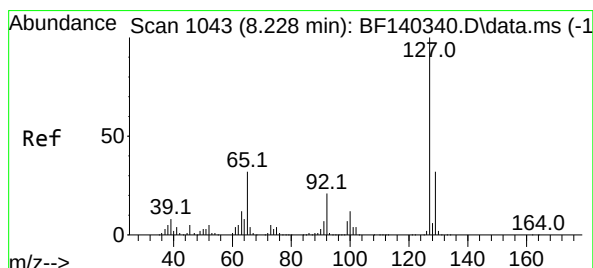
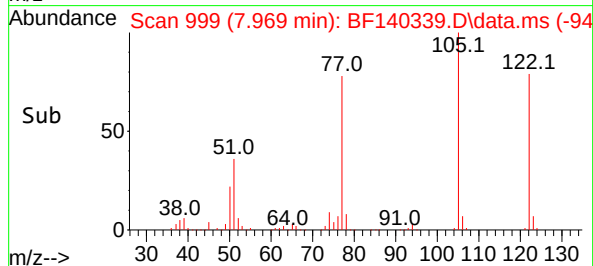
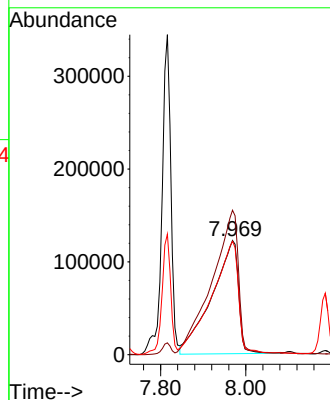
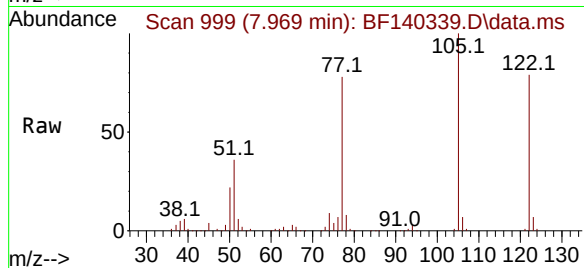
#32
Benzoic acid
Concen: 90.483 ng
RT: 7.969 min Scan# 991
Delta R.T. 0.041 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 529009
Ion Ratio Lower Upper
122 100
105 126.5 100.9 140.9
77 99.3 76.0 116.0

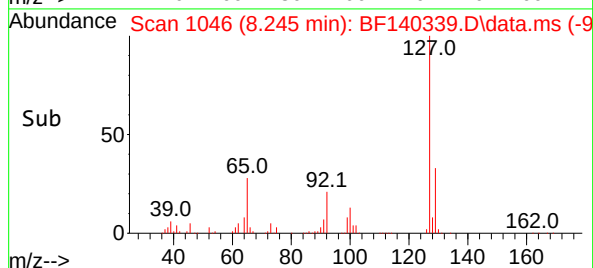
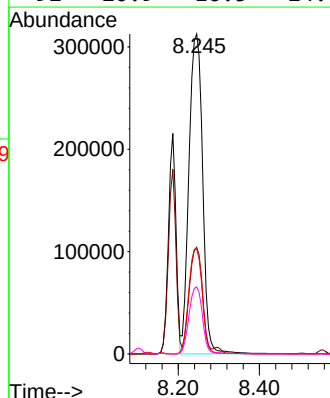
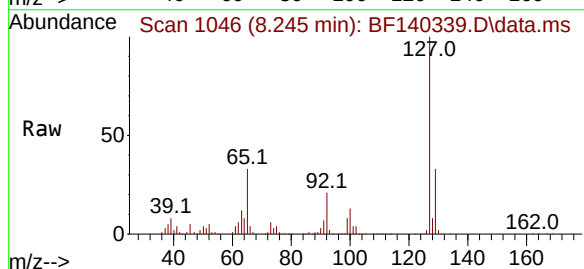
Manual Integrations
APPROVED

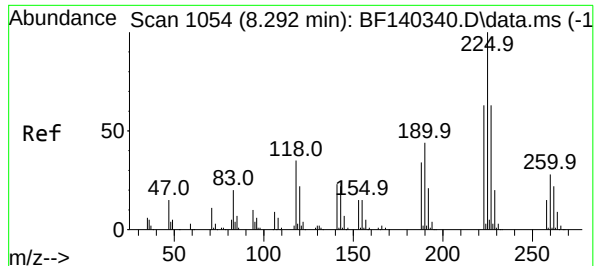
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#33
4-Chloroaniline
Concen: 70.572 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:127 Resp: 729859
Ion Ratio Lower Upper
127 100
129 33.4 26.2 39.4
65 32.7 25.8 38.6
92 20.9 16.5 24.7





#34

Hexachlorobutadiene

Concen: 71.513 ng

RT: 8.298 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:225 Resp: 41724

Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

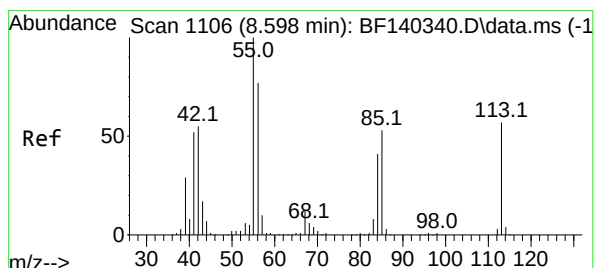
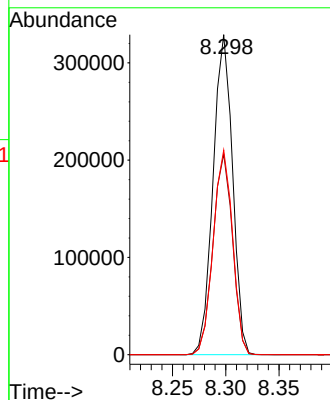
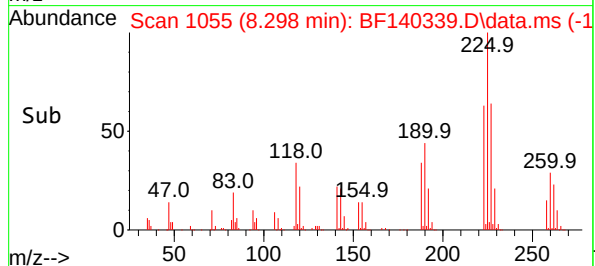
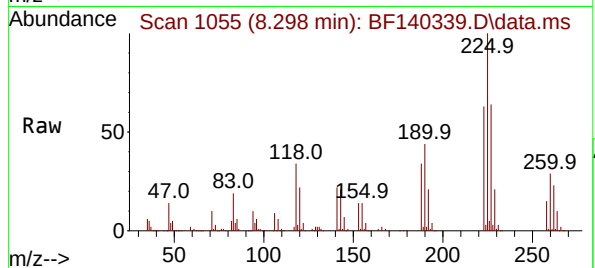
227 63.9 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#35

Caprolactam

Concen: 75.344 ng m

RT: 8.627 min Scan# 1111

Delta R.T. 0.029 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

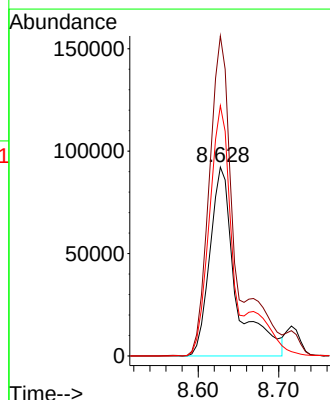
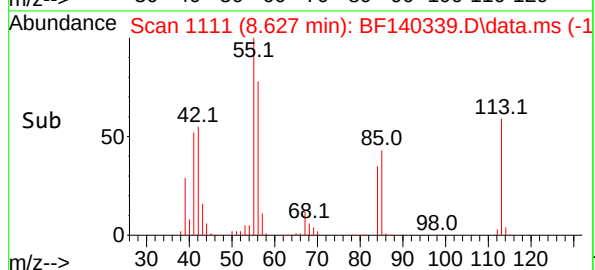
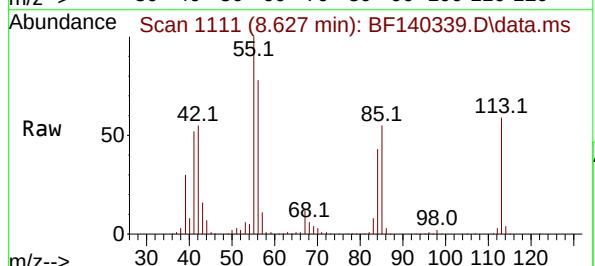
Tgt Ion:113 Resp: 208353

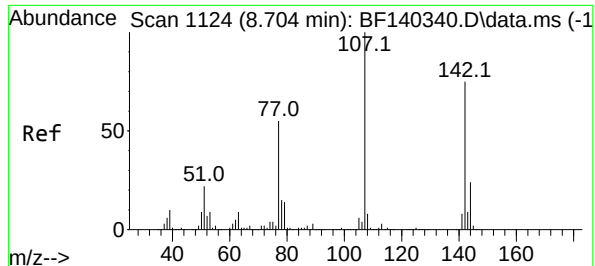
Ion Ratio Lower Upper

113 100

55 169.5 150.0 190.0

56 132.5 111.1 151.1





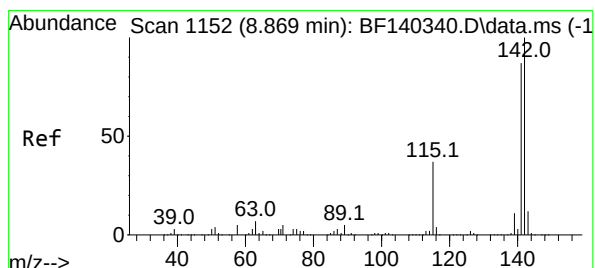
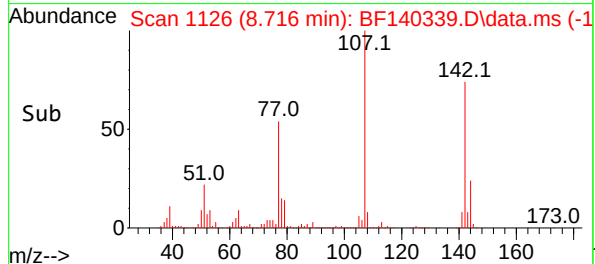
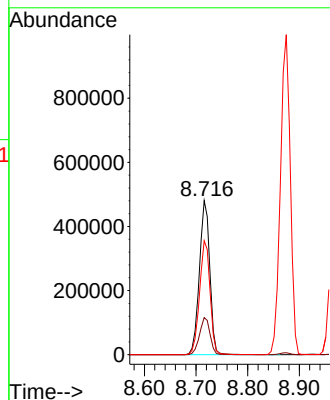
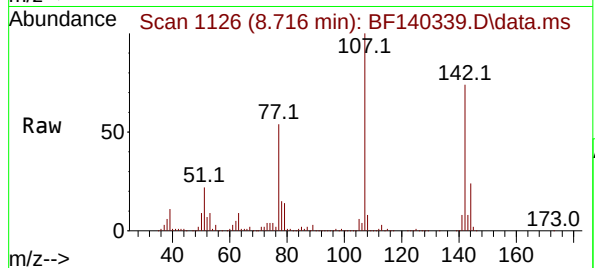
#36
4-Chloro-3-methylphenol
Concen: 73.742 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 67216
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 74.0 59.4 89.0

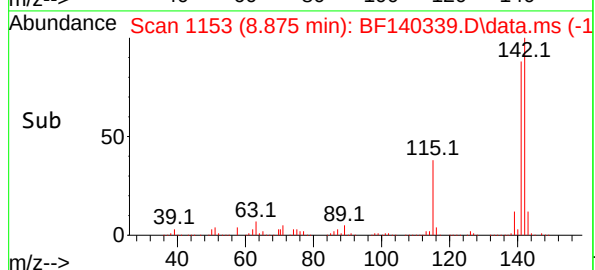
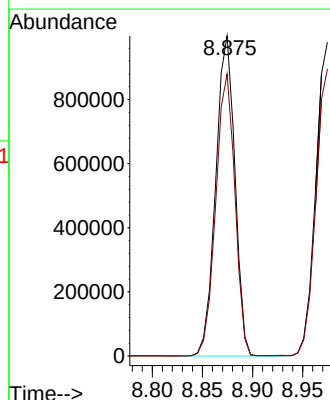
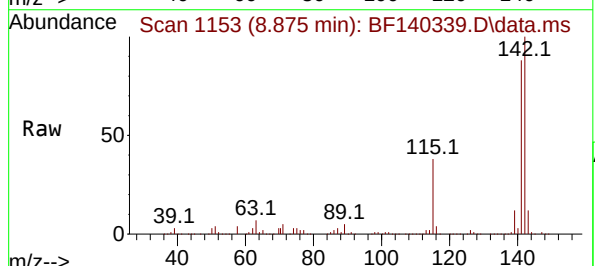
Manual Integrations
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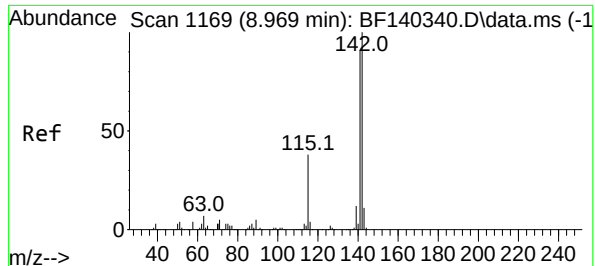
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#37
2-Methylnaphthalene
Concen: 69.428 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:142 Resp: 1323889
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6





#38

1-Methylnaphthalene

Concen: 69.046 ng

RT: 8.975 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 1289270

Ion Ratio Lower Upper

142 100

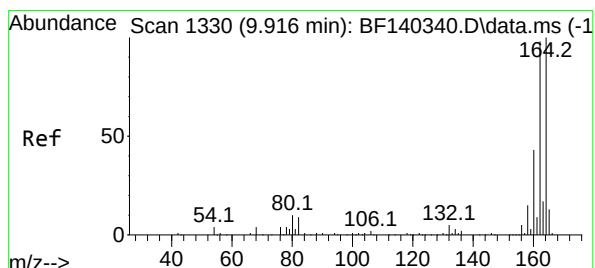
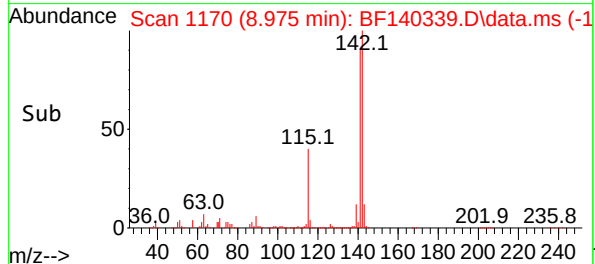
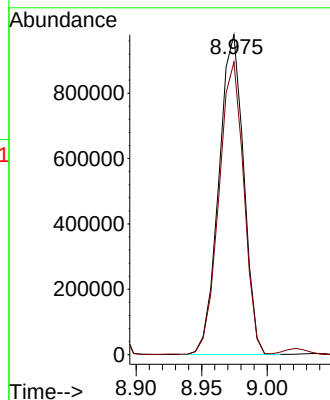
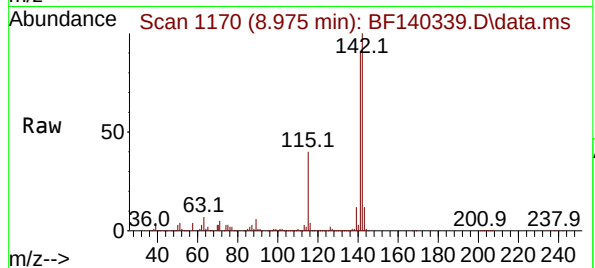
141 91.5 73.6 110.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

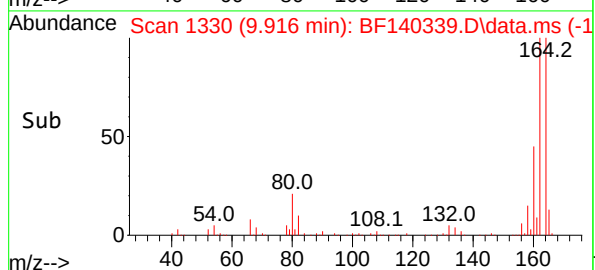
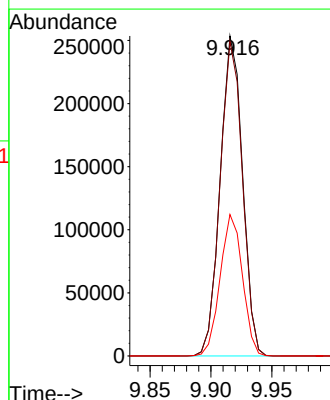
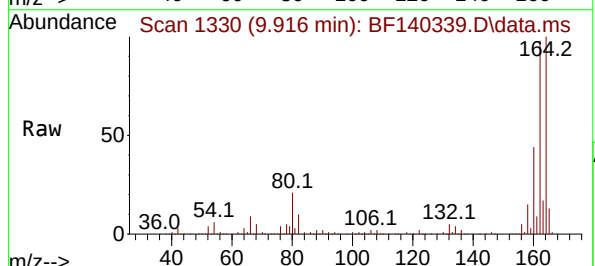
Tgt Ion:164 Resp: 324351

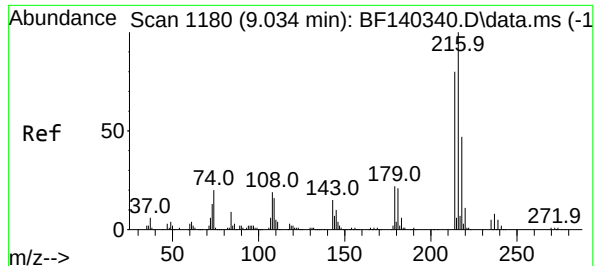
Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 44.2 35.4 53.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 70.223 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 629850

Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 21.5 17.2 25.8

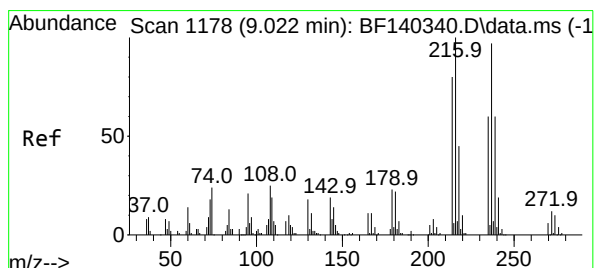
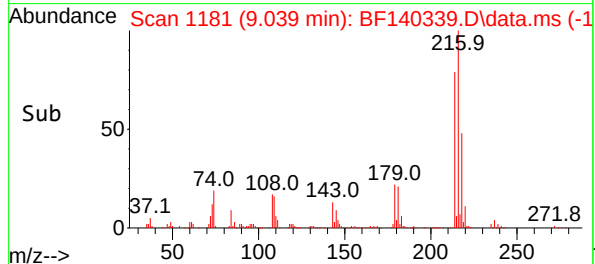
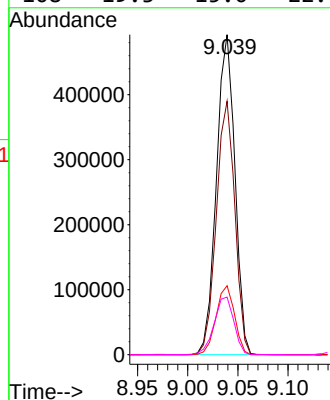
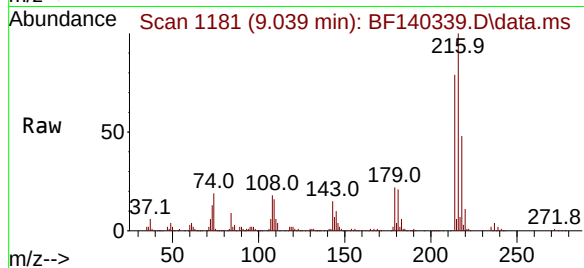
108 19.3 15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#41

Hexachlorocyclopentadiene

Concen: 81.579 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

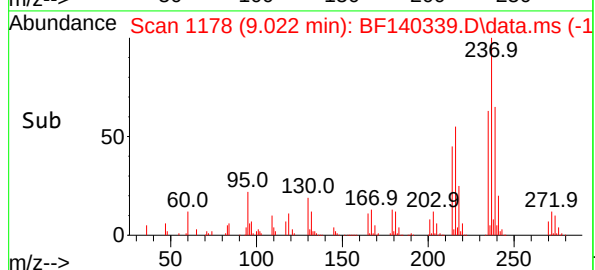
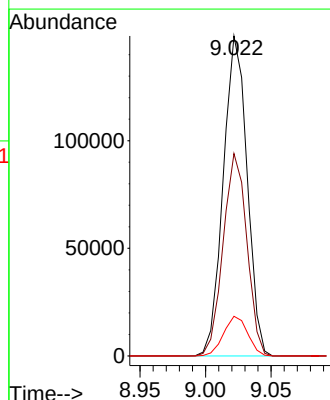
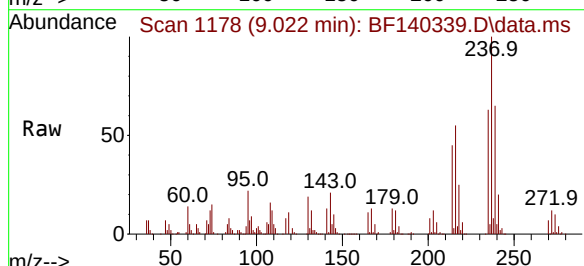
Tgt Ion:237 Resp: 187869

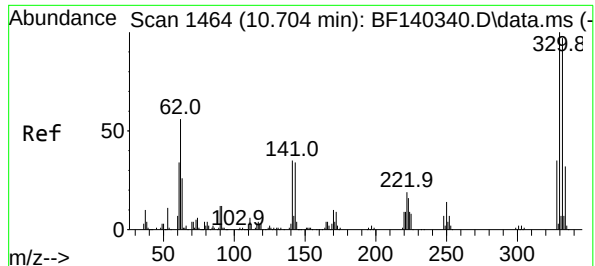
Ion Ratio Lower Upper

237 100

235 63.2 42.8 82.8

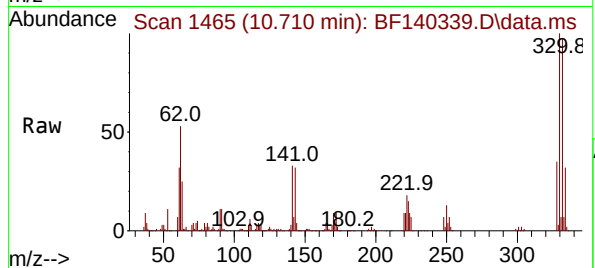
272 12.4 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 146.244 ng
RT: 10.710 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

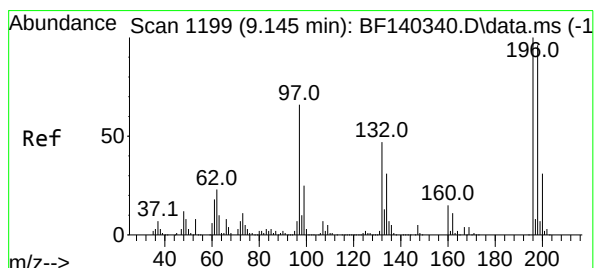
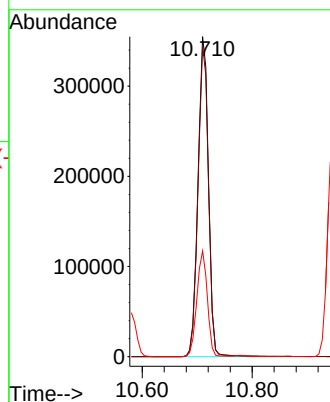
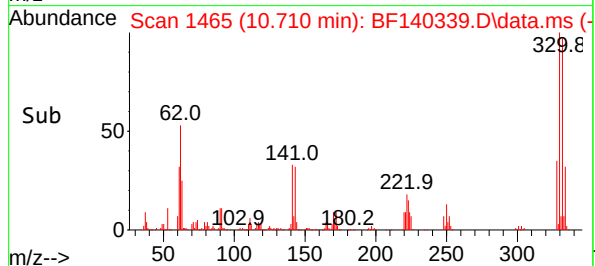
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



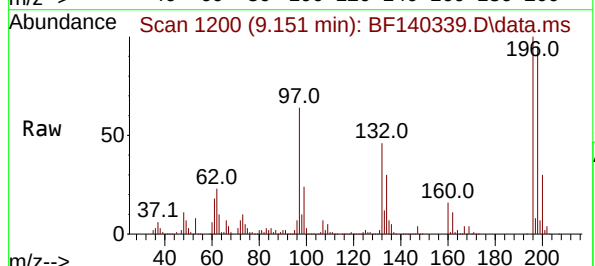
Tgt Ion:330 Resp: 471699
Ion Ratio Lower Upper
330 100
332 97.1 75.9 113.9
141 32.9 26.9 40.3

Manual Integrations
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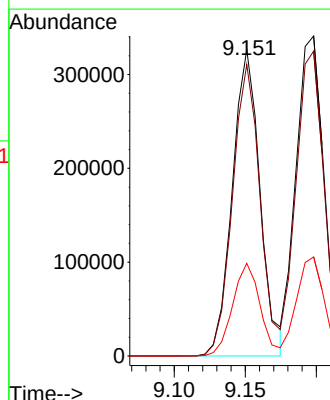
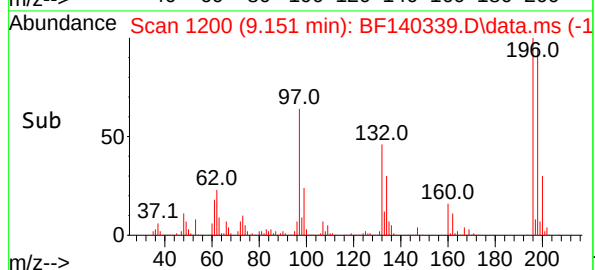
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

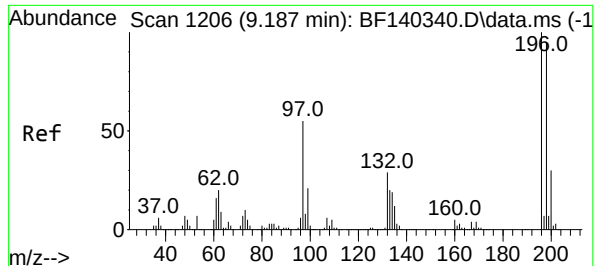


#43
2,4,6-Trichlorophenol
Concen: 75.110 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:196 Resp: 442116
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
200 30.2 24.2 36.4





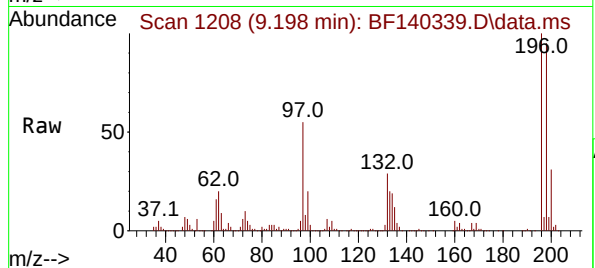
#44
2,4,5-Trichlorophenol
Concen: 72.781 ng
RT: 9.198 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

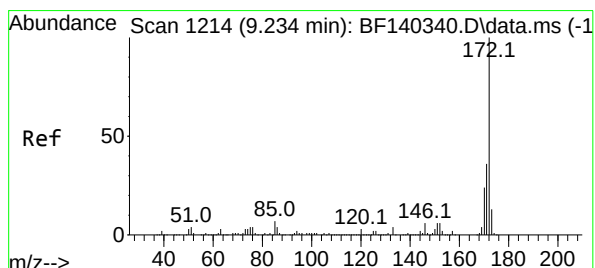
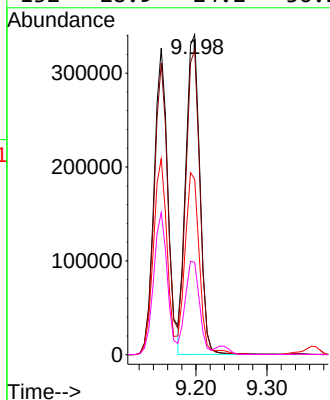
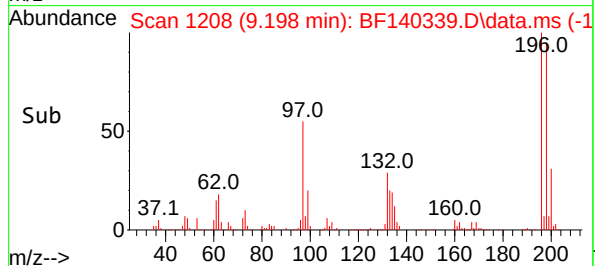


Tgt Ion:196 Resp: 468390
Ion Ratio Lower Upper
196 100
198 95.3 77.6 116.4
97 54.8 45.4 68.2
132 28.9 24.2 36.2

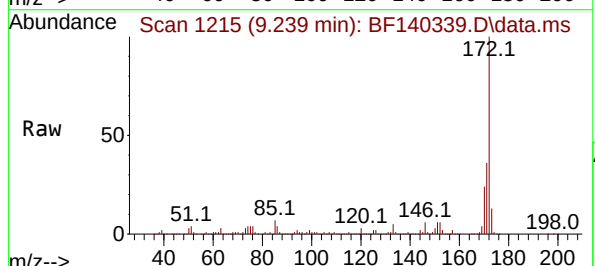
Manual Integrations

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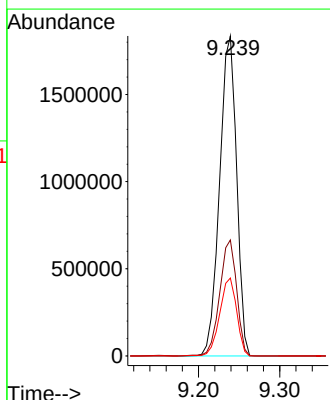
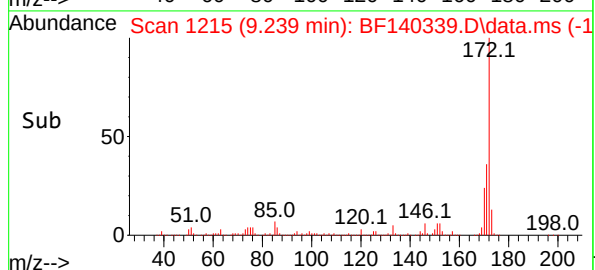
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

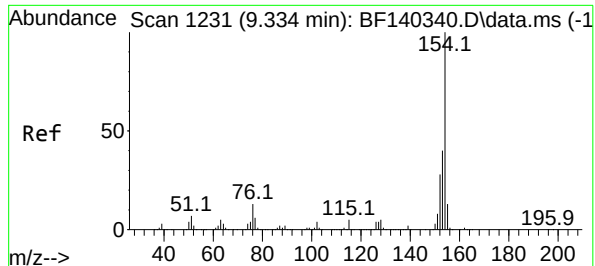


#45
2-Fluorobiphenyl
Concen: 132.597 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



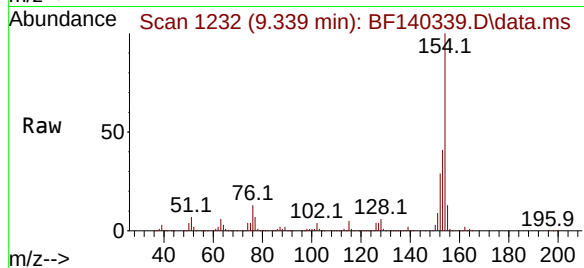
Tgt Ion:172 Resp: 2675376
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.4 19.1 28.7





#46
1,1'-Biphenyl
Concen: 68.375 ng
RT: 9.339 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

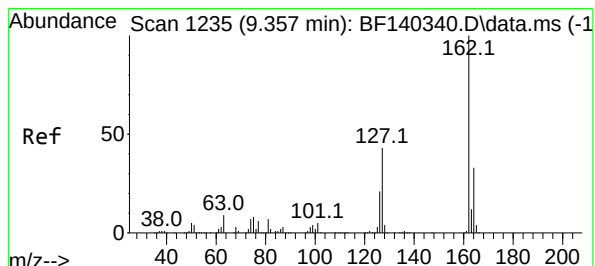
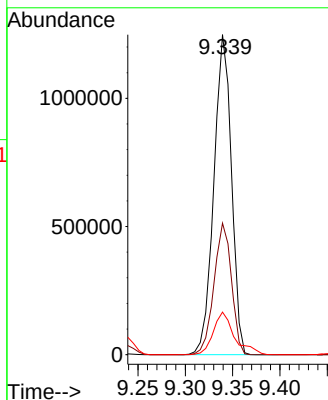
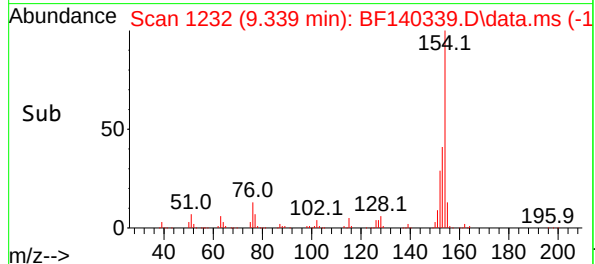
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



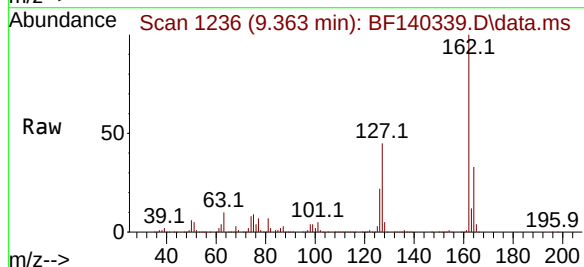
Tgt Ion:154 Resp: 1613420
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 13.3 0.0 32.9

Manual Integrations
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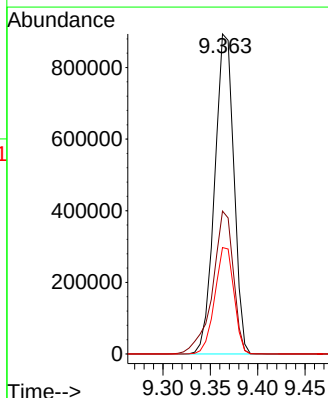
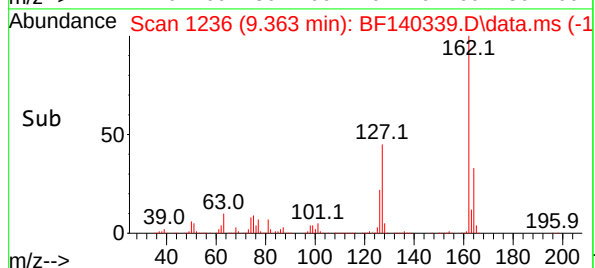
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

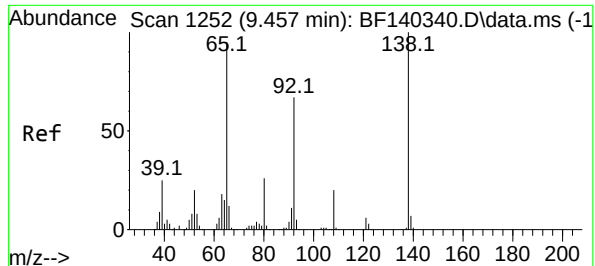


#47
2-Chloronaphthalene
Concen: 70.067 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:162 Resp: 1259442
Ion Ratio Lower Upper
162 100
127 44.7 34.0 51.0
164 33.3 26.5 39.7





#48

2-Nitroaniline

Concen: 76.323 ng

RT: 9.463 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140339.D

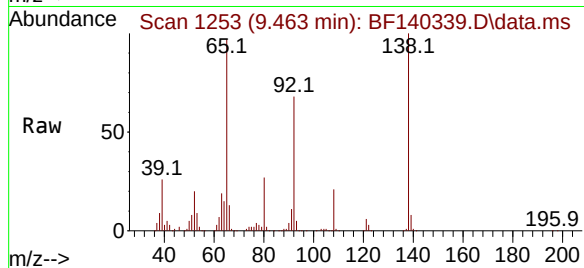
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

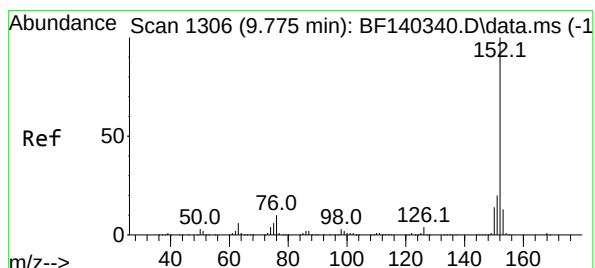
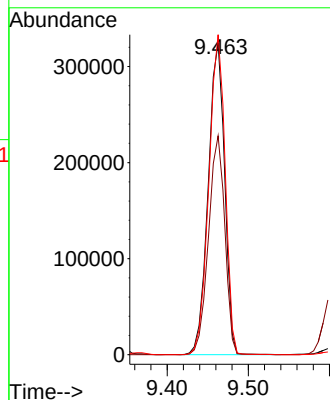
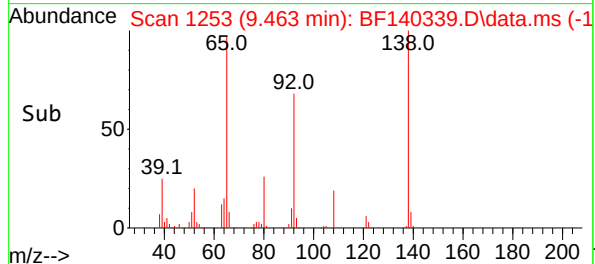


Tgt Ion: 65 Resp: 45497

Ion	Ratio	Lower	Upper
65	100		
92	70.2	56.4	84.6
138	102.6	84.8	127.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#49

Acenaphthylene

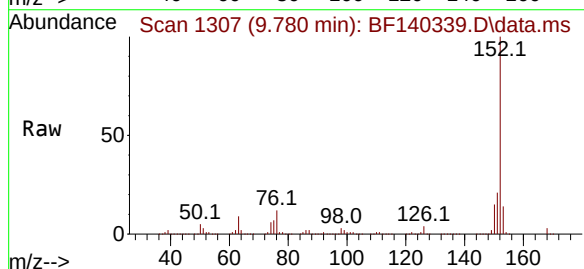
Concen: 68.758 ng

RT: 9.780 min Scan# 1307

Delta R.T. 0.006 min

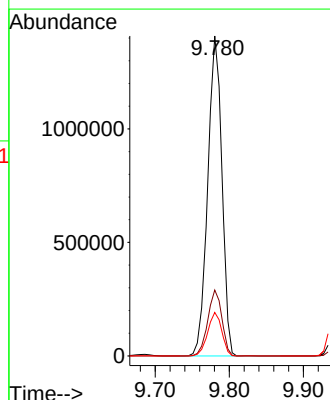
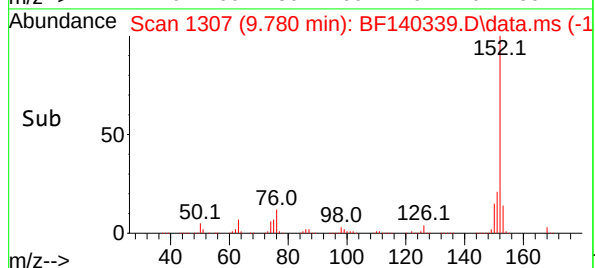
Lab File: BF140339.D

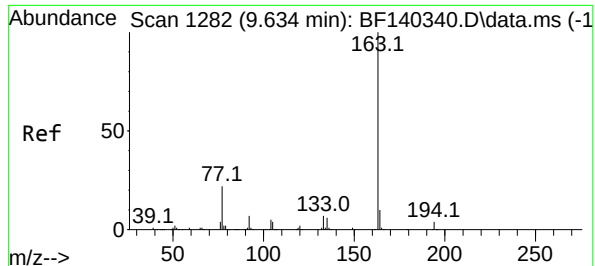
Acq: 13 Nov 2024 12:13



Tgt Ion:152 Resp: 1869941

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	13.6	10.7	16.1





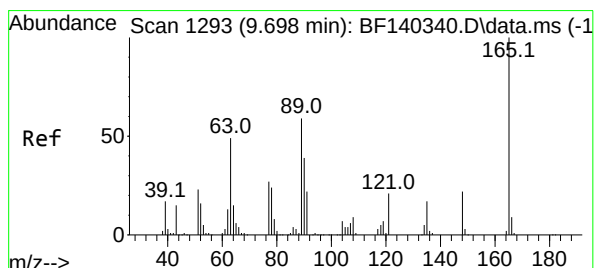
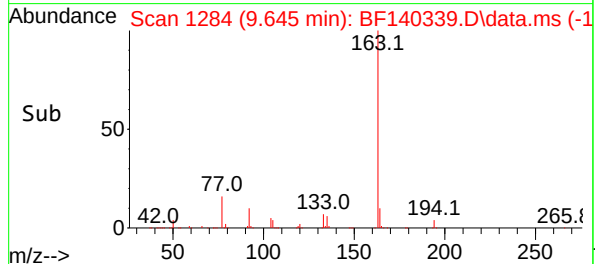
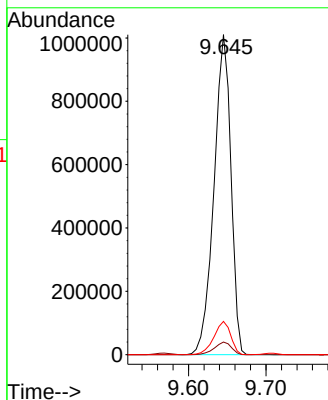
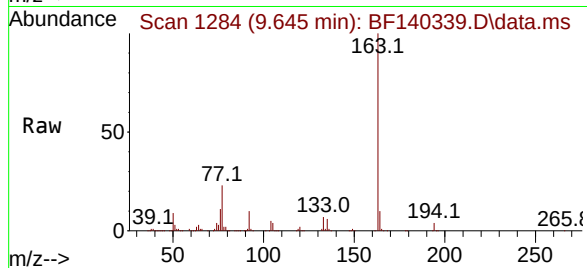
#50
Dimethylphthalate
Concen: 72.473 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 153219
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.4 8.2 12.4

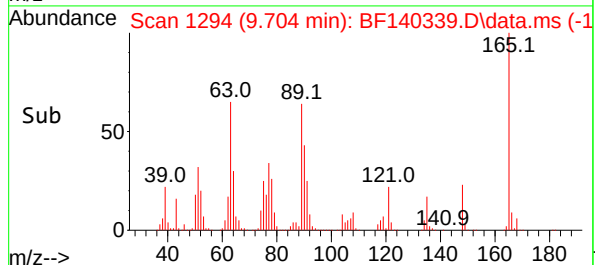
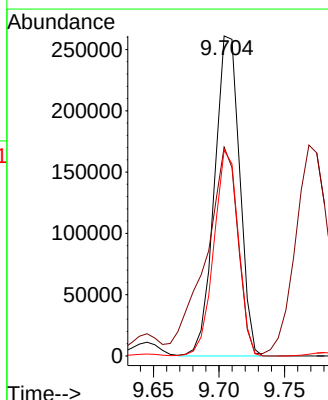
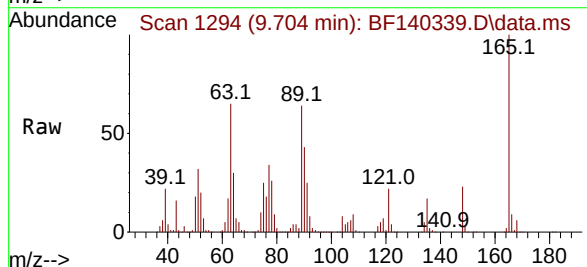
Manual Integrations
APPROVED

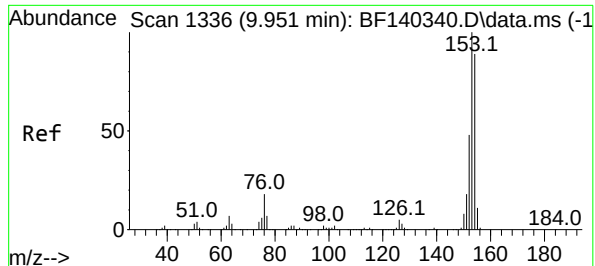
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#51
2,6-Dinitrotoluene
Concen: 72.207 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

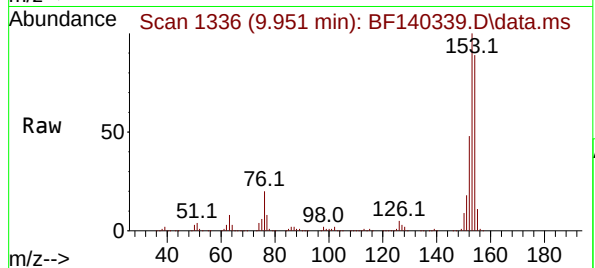
Tgt Ion:165 Resp: 348019
Ion Ratio Lower Upper
165 100
63 65.3 47.6 71.4
89 64.3 48.1 72.1





#52
Acenaphthene
Concen: 71.065 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

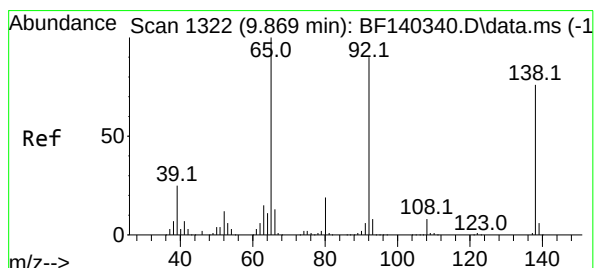
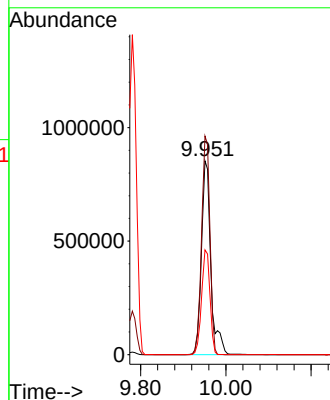
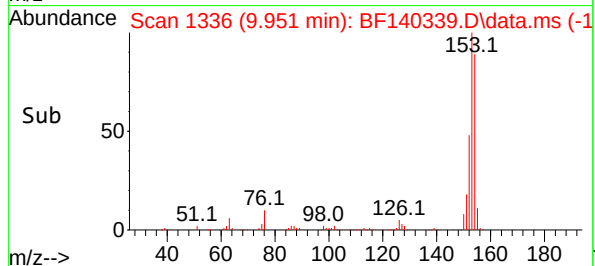
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 1305360
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.8
152 54.1 42.6 64.0

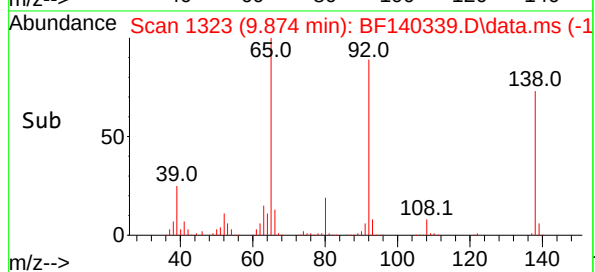
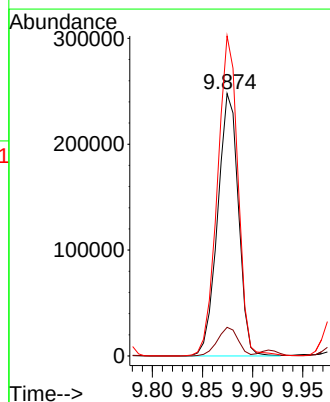
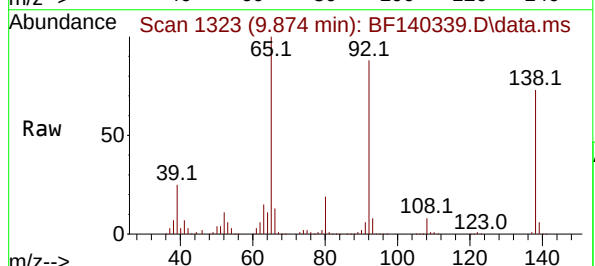
Manual Integrations
APPROVED

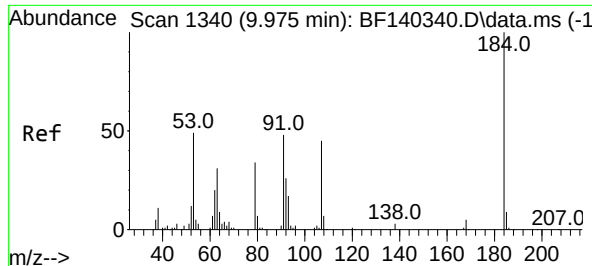
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#53
3-Nitroaniline
Concen: 70.369 ng
RT: 9.874 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:138 Resp: 356185
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 121.9 95.5 143.3





#54

2,4-Dinitrophenol

Concen: 87.514 ng

RT: 9.980 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 21751

Ion Ratio Lower Upper

184 100

63 68.8 53.5 80.3

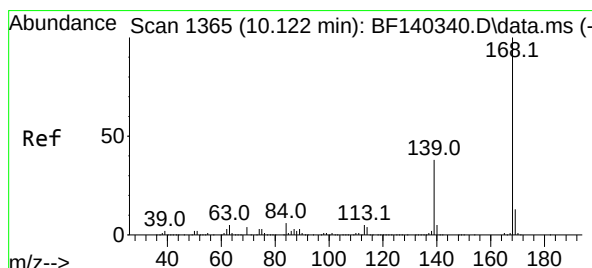
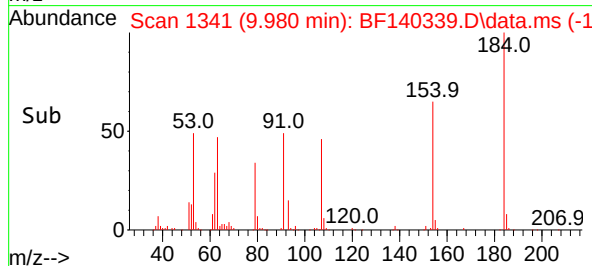
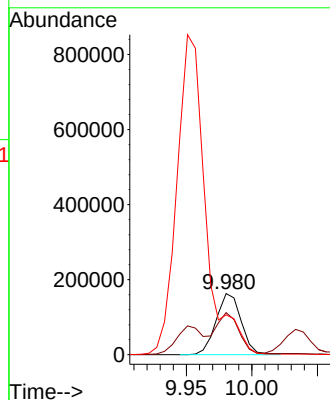
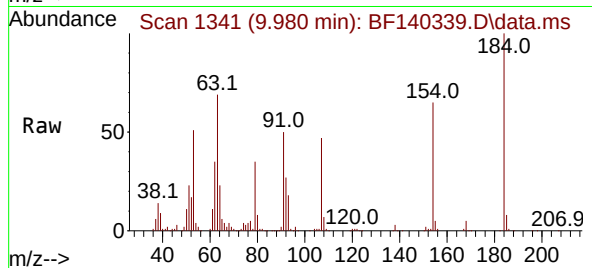
154 65.1 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#55

Dibenzofuran

Concen: 67.047 ng

RT: 10.127 min Scan# 1366

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

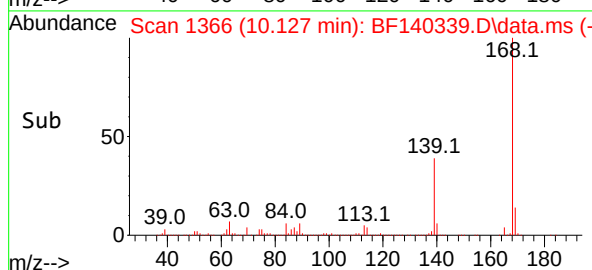
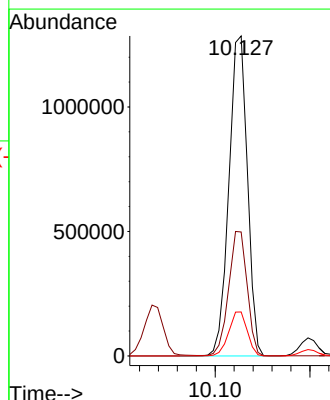
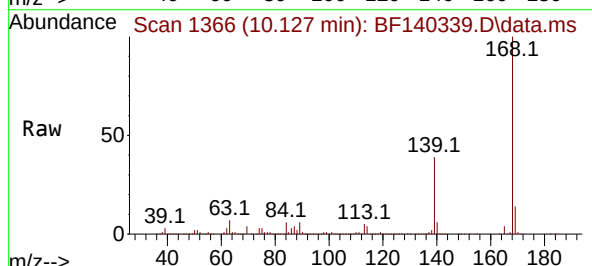
Tgt Ion:168 Resp: 1743431

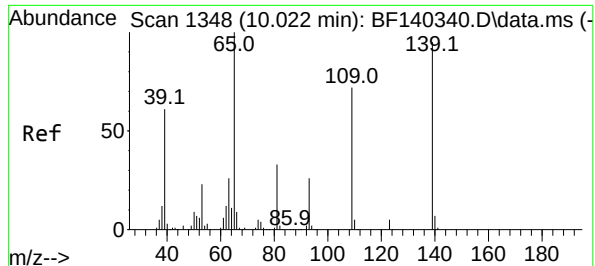
Ion Ratio Lower Upper

168 100

139 38.7 30.8 46.2

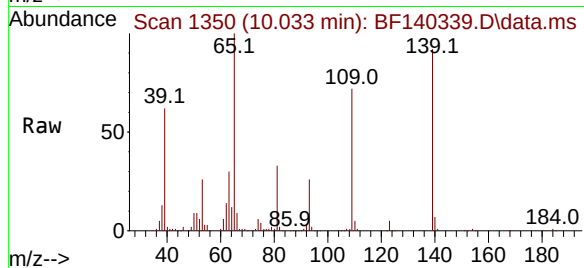
169 13.7 10.8 16.2





#56
4-Nitrophenol
Concen: 79.032 ng
RT: 10.033 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

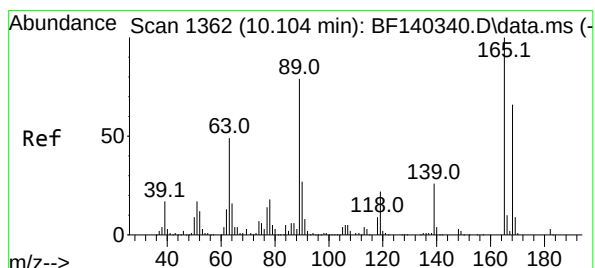
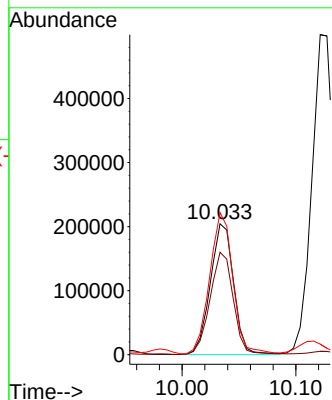
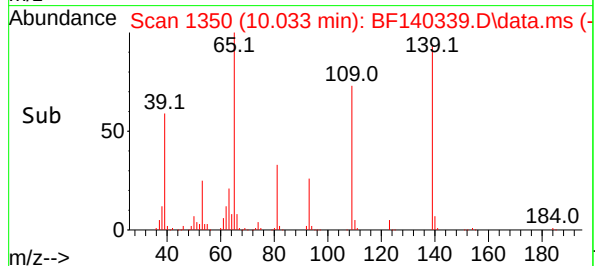
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 29178
Ion Ratio Lower Upper
139 100
109 78.3 54.5 94.5
65 108.6 84.4 124.4

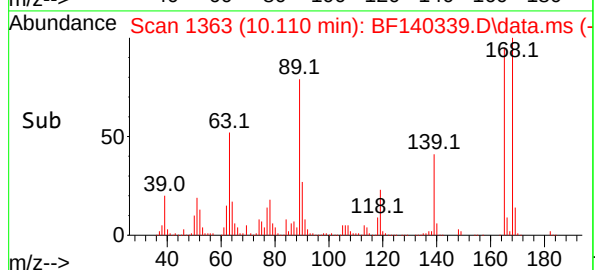
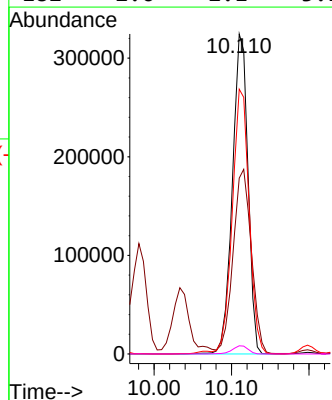
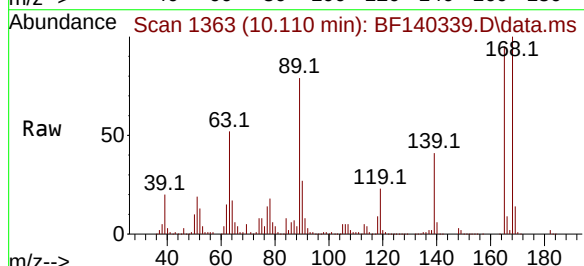
Manual Integrations
APPROVED

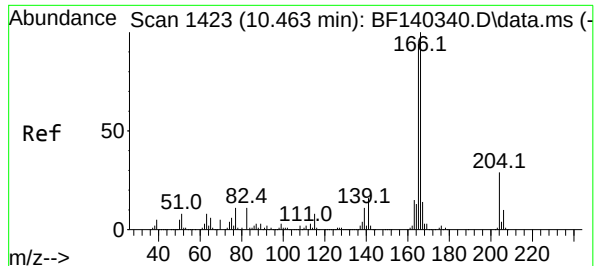
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#57
2,4-Dinitrotoluene
Concen: 71.693 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

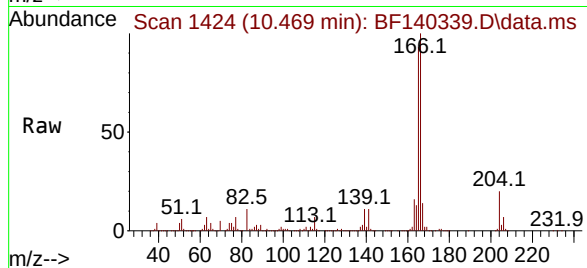
Tgt Ion:165 Resp: 454770
Ion Ratio Lower Upper
165 100
63 55.0 39.4 59.0
89 82.8 62.4 93.6
182 2.6 2.1 3.1





#58
Fluorene
Concen: 67.316 ng
RT: 10.469 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

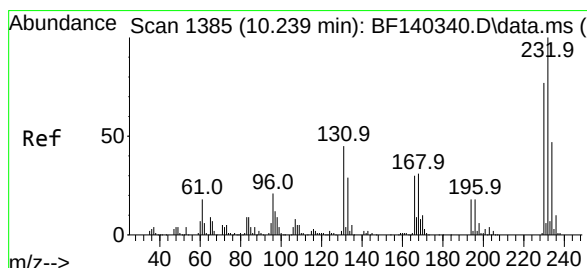
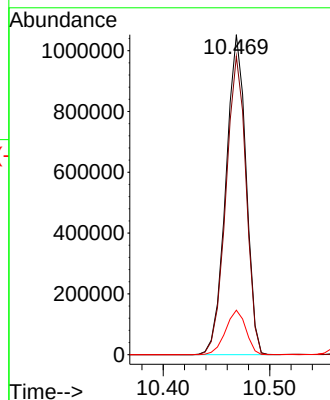
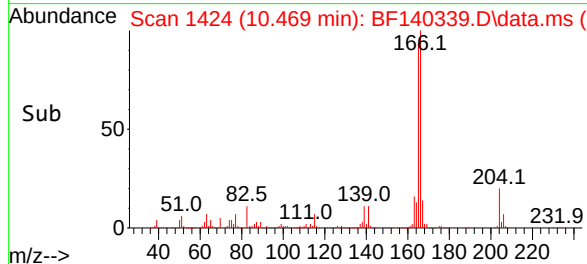
Instrument :
BNA_F
Client Sample Id :
SSTDICC080



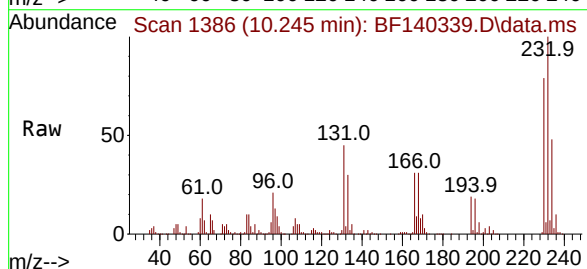
Tgt Ion:166 Resp: 1382804
Ion Ratio Lower Upper
166 100
165 93.3 73.9 110.9
167 13.9 10.9 16.3

Manual Integrations
APPROVED

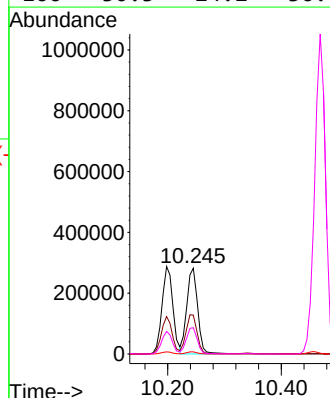
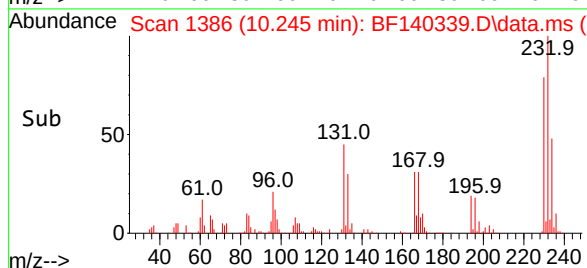
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

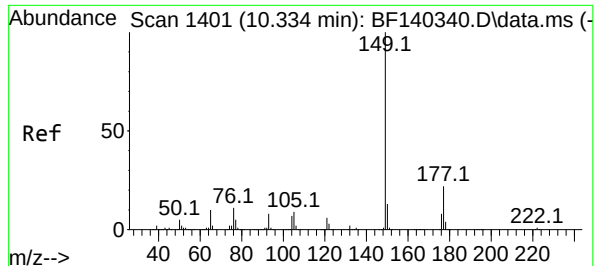


#59
2,3,4,6-Tetrachlorophenol
Concen: 73.723 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



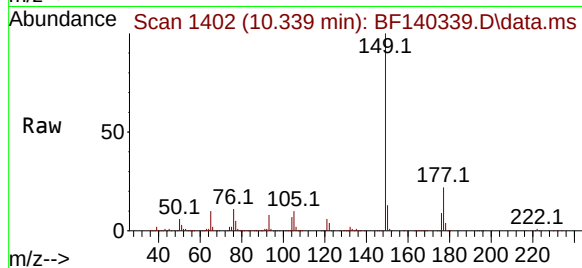
Tgt Ion:232 Resp: 374293
Ion Ratio Lower Upper
232 100
131 46.4 36.8 55.2
130 2.4 1.9 2.9
166 30.3 24.2 36.4





#60
Diethylphthalate
Concen: 71.126 ng
RT: 10.339 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

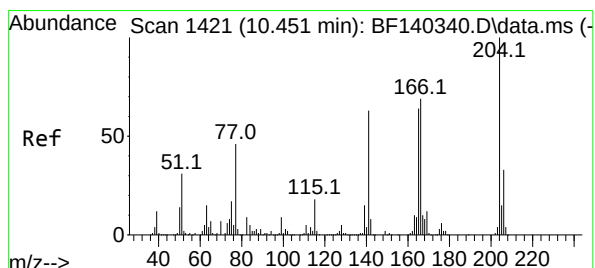
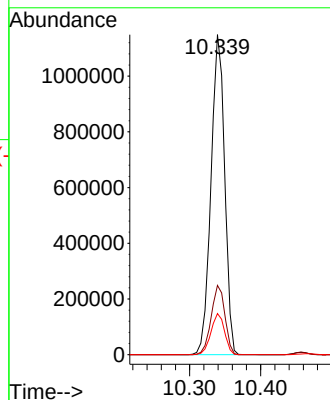
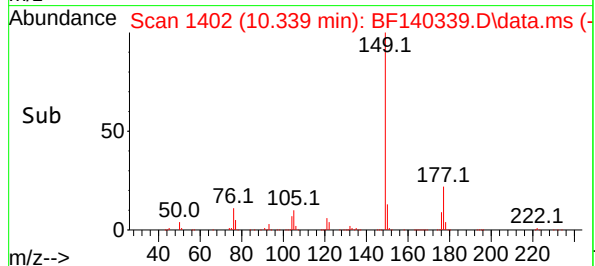
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



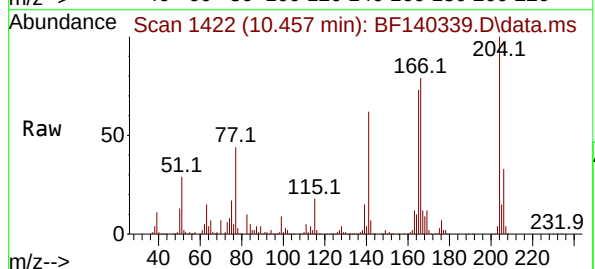
Tgt Ion:149 Resp: 153760
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.9 10.1 15.1

Manual Integrations
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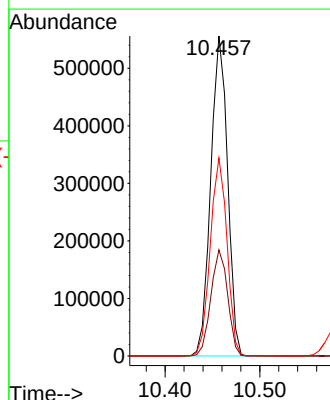
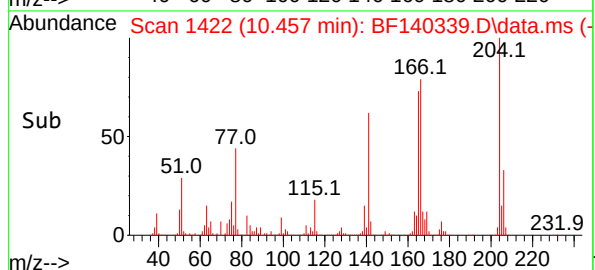
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

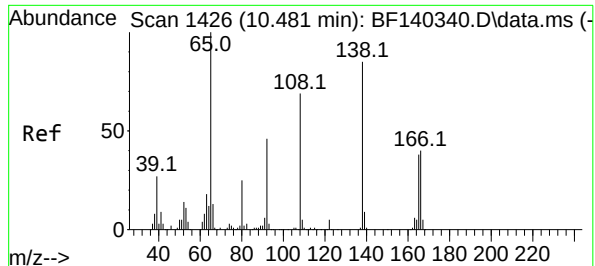


#61
4-Chlorophenyl-phenylether
Concen: 67.555 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



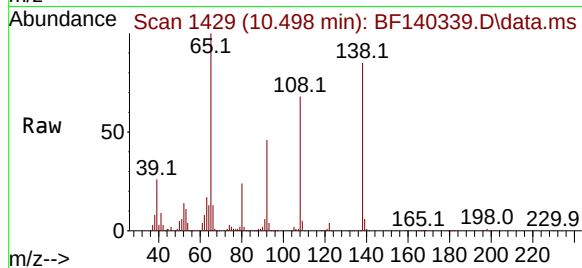
Tgt Ion:204 Resp: 685111
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 61.9 49.8 74.8





#62
4-Nitroaniline
Concen: 74.437 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

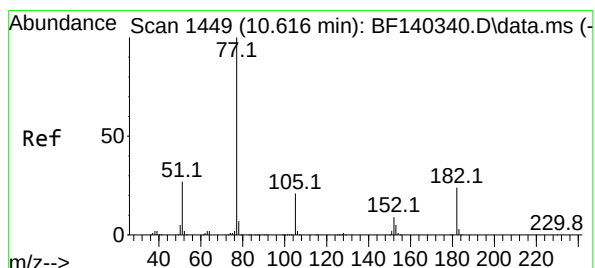
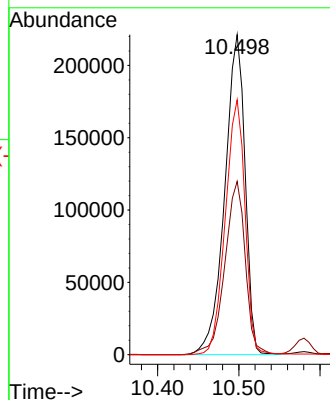
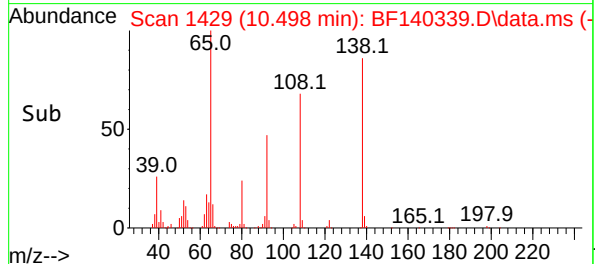
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 385240
Ion Ratio Lower Upper
138 100
92 54.1 33.8 73.8
108 79.6 59.9 99.9

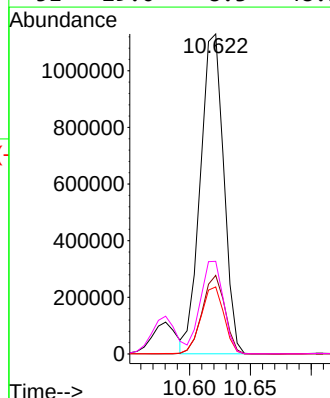
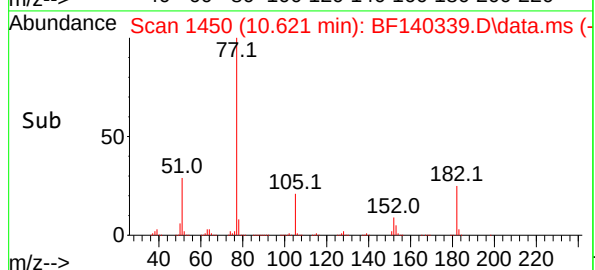
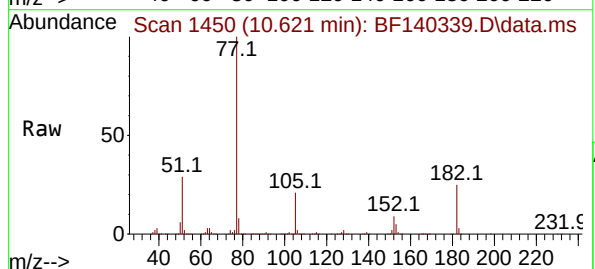
Manual Integrations
APPROVED

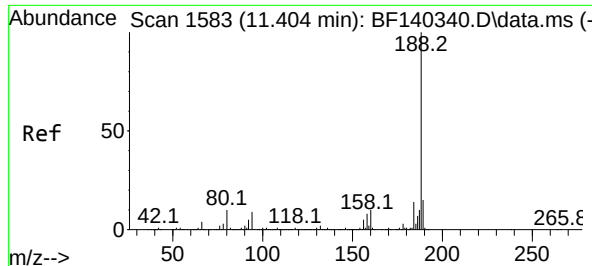
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#63
Azobenzene
Concen: 70.637 ng
RT: 10.621 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 77 Resp: 1508804
Ion Ratio Lower Upper
77 100
182 24.5 4.6 44.6
105 21.0 0.9 40.9
51 29.0 8.3 48.3





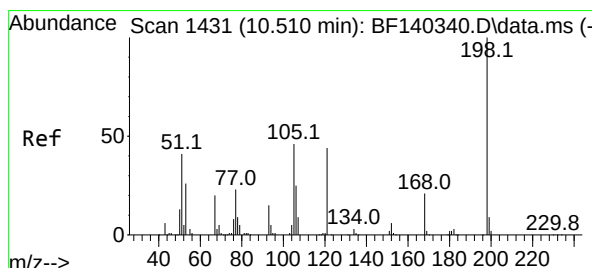
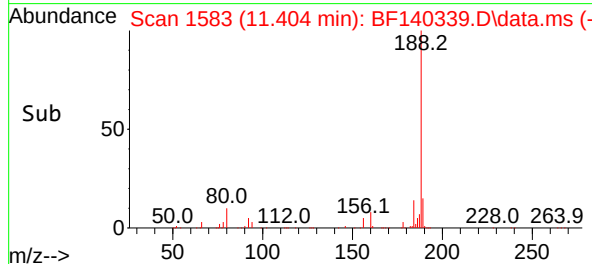
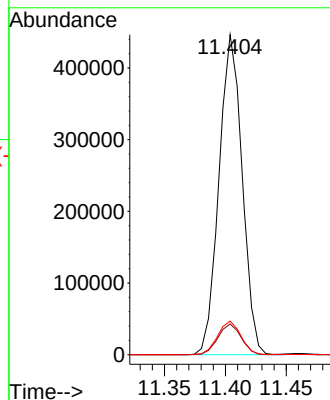
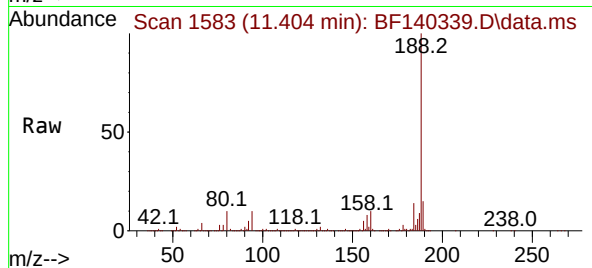
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 59196
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.5 8.0 12.0

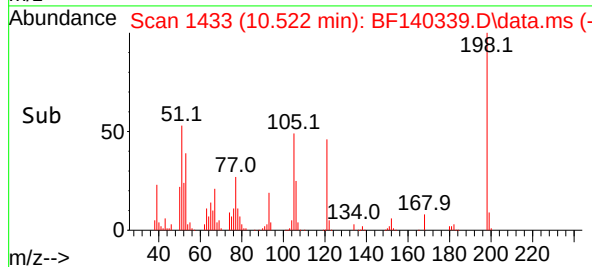
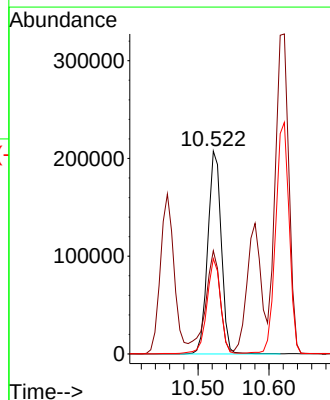
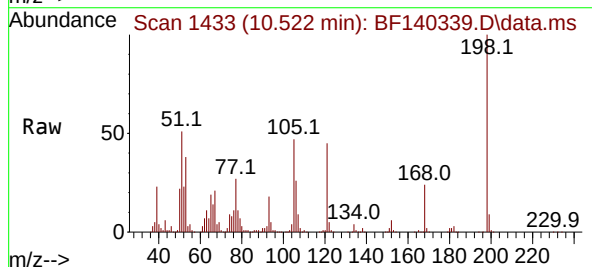
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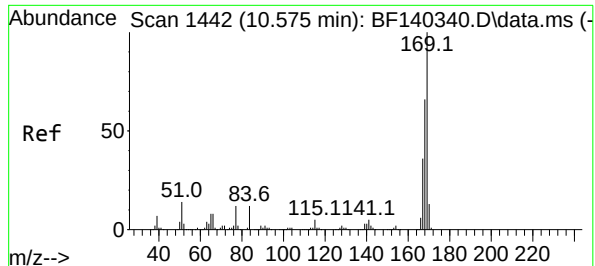
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 86.136 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:198 Resp: 274337
Ion Ratio Lower Upper
198 100
51 50.9 29.7 69.7
105 46.9 26.3 66.3





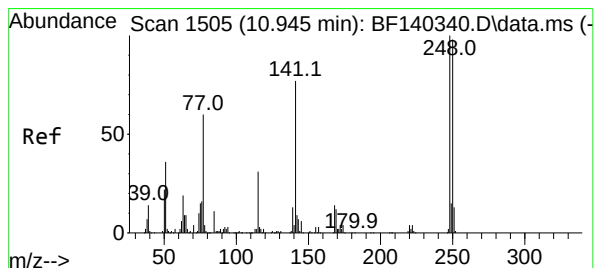
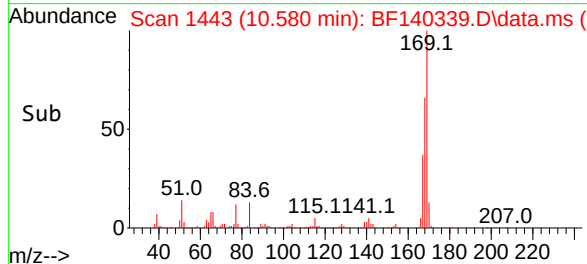
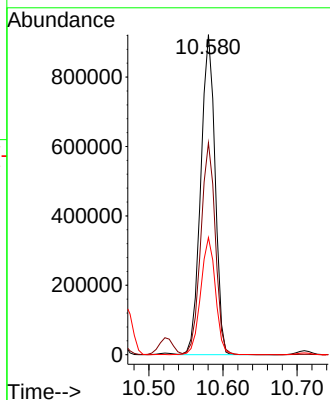
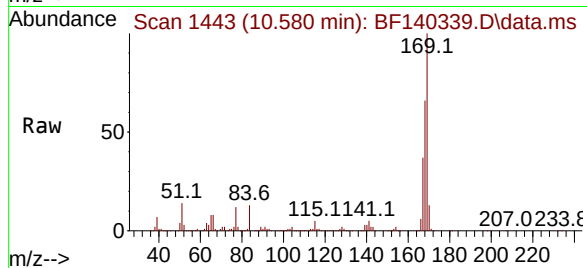
#66
n-Nitrosodiphenylamine
Concen: 72.330 ng
RT: 10.580 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 1237130
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.6 29.3 43.9

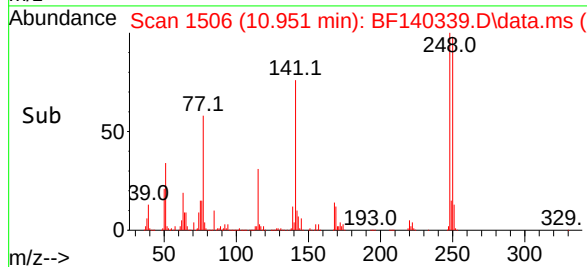
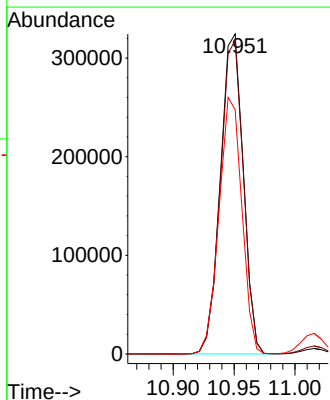
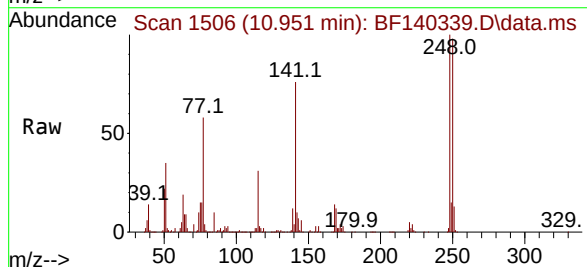
Manual Integrations
APPROVED

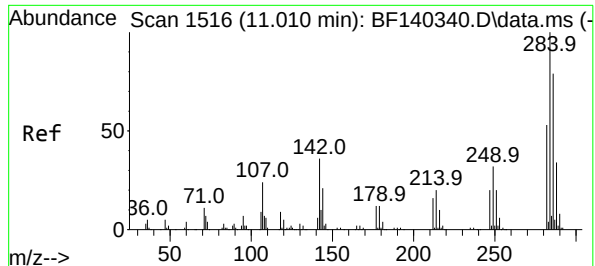
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#67
4-Bromophenyl-phenylether
Concen: 72.010 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:248 Resp: 426112
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 76.4 61.8 92.6





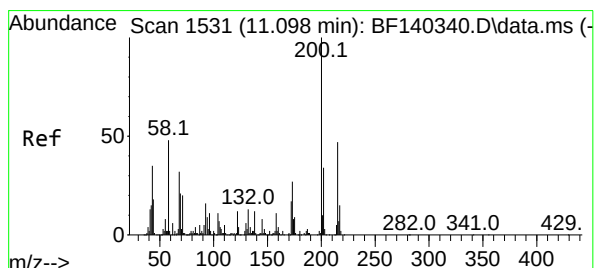
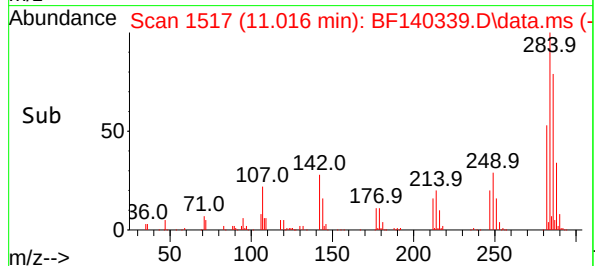
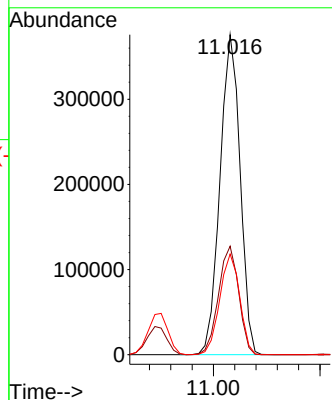
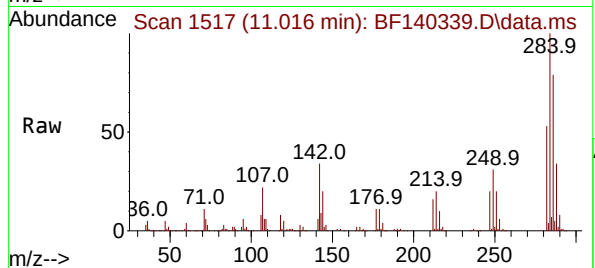
#68
Hexachlorobenzene
Concen: 73.871 ng
RT: 11.016 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 491825
Ion Ratio Lower Upper
284 100
142 33.9 28.1 42.1
249 31.4 24.9 37.3

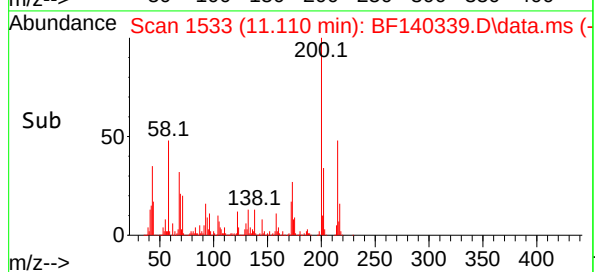
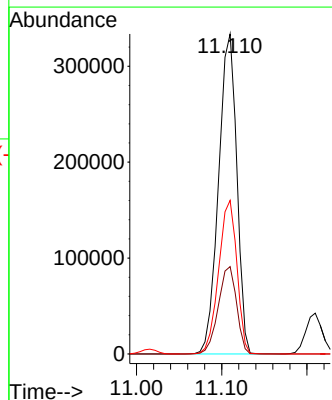
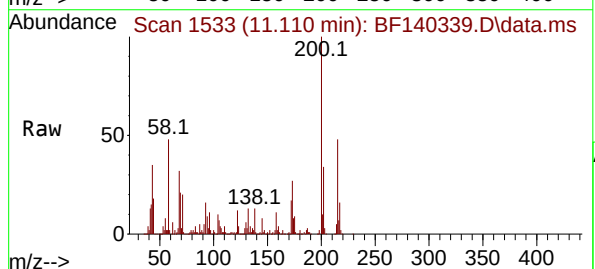
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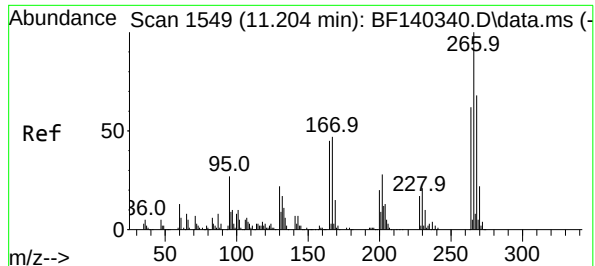
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#69
Atrazine
Concen: 95.702 ng
RT: 11.110 min Scan# 1533
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:200 Resp: 495230
Ion Ratio Lower Upper
200 100
173 27.3 6.6 46.6
215 48.0 27.2 67.2





#70

Pentachlorophenol

Concen: 85.908 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:266 Resp: 308099

Ion Ratio Lower Upper

266 100

268 67.1 52.9 79.3

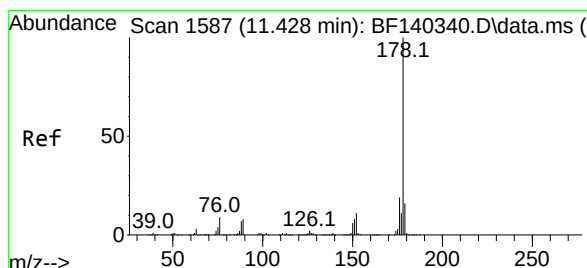
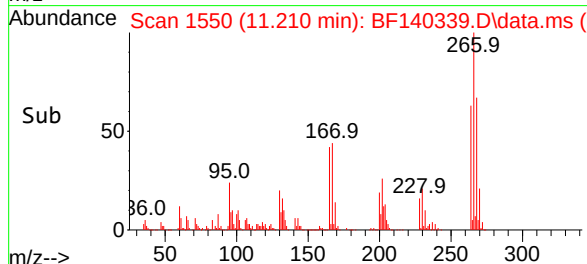
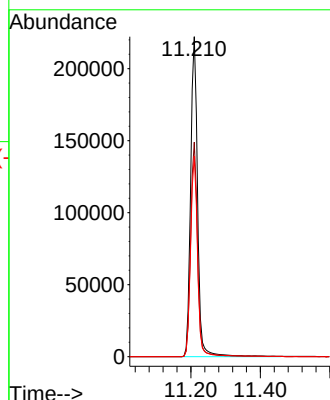
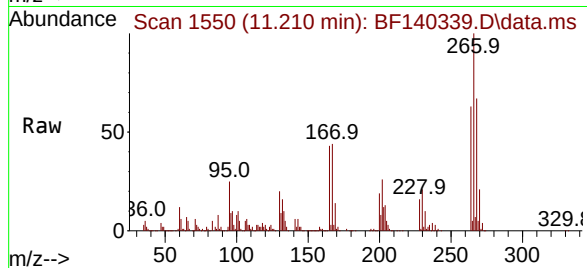
264 62.7 50.3 75.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#71

Phenanthrene

Concen: 69.825 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

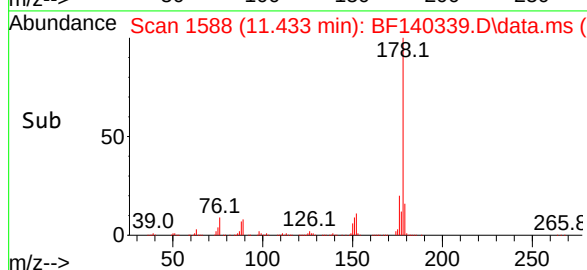
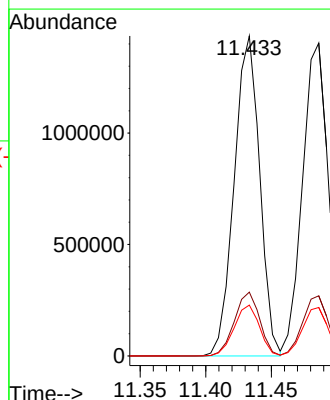
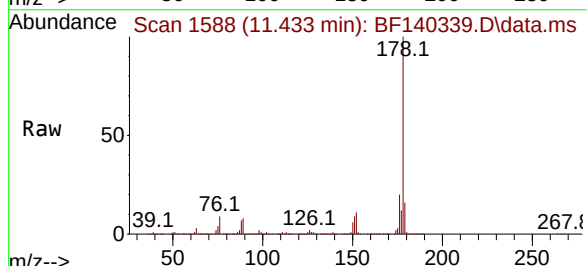
Tgt Ion:178 Resp: 1941678

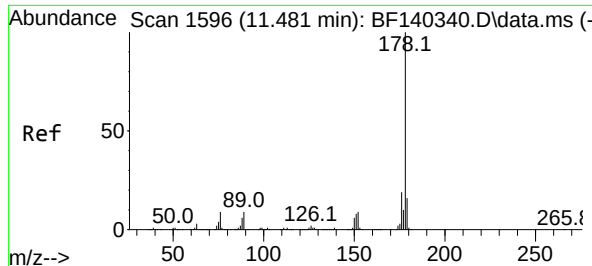
Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

179 15.9 12.4 18.6





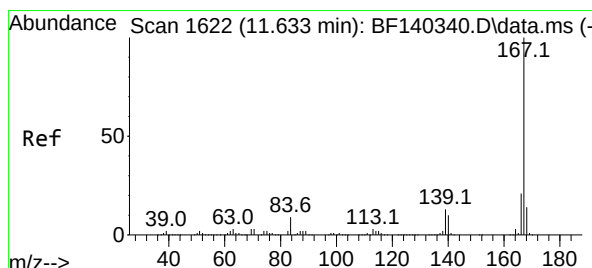
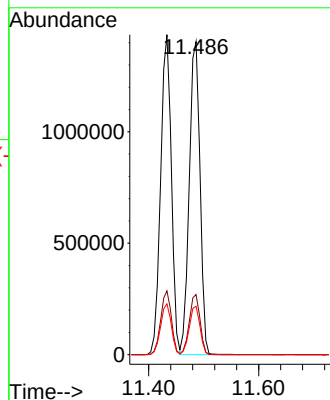
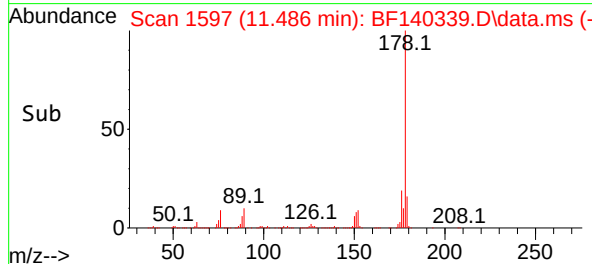
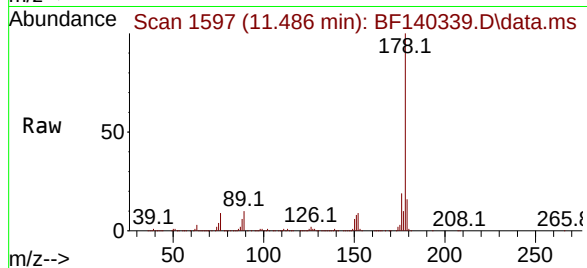
#72
Anthracene
Concen: 69.770 ng
RT: 11.486 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 190148
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.6 18.8

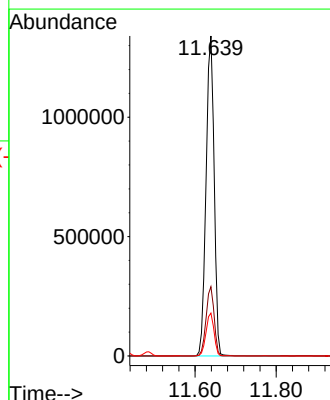
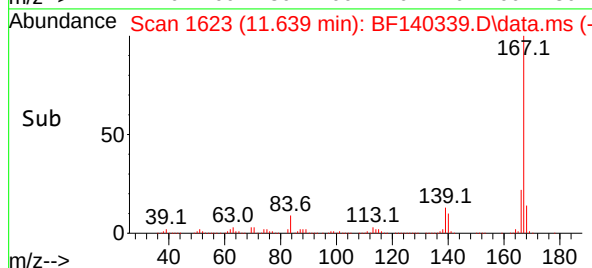
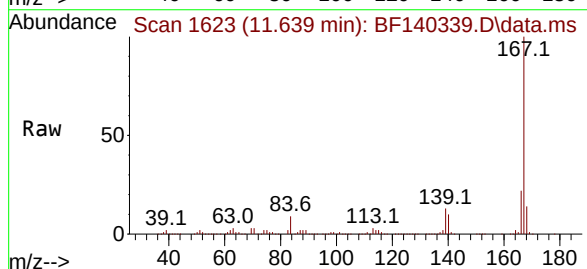
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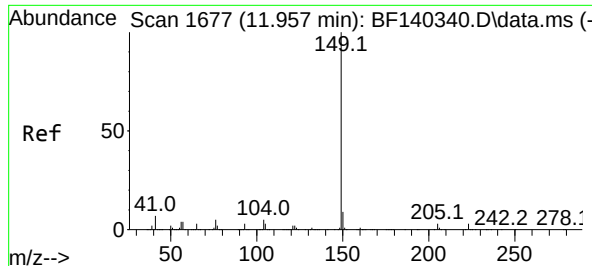
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#73
Carbazole
Concen: 68.878 ng
RT: 11.639 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

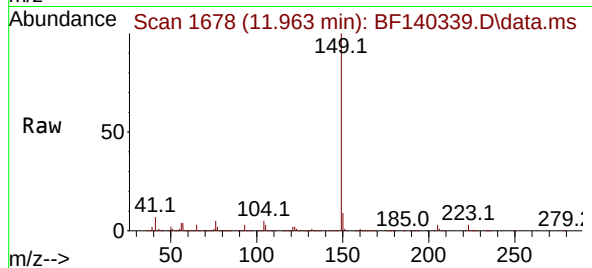
Tgt Ion:167 Resp: 1853513
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.4 10.4 15.6





#74
Di-n-butylphthalate
Concen: 70.708 ng
RT: 11.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

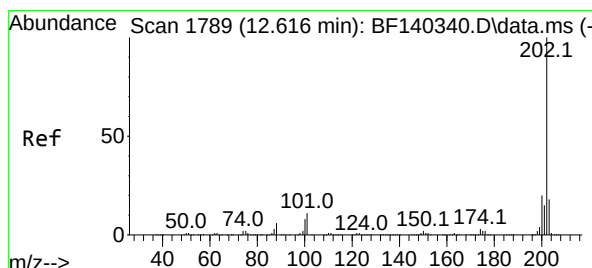
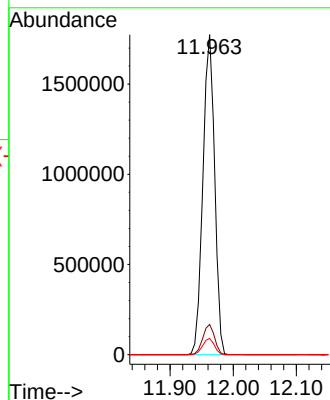
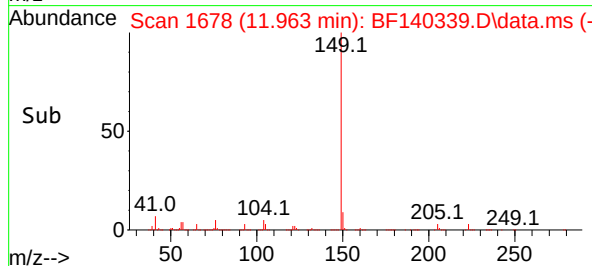
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



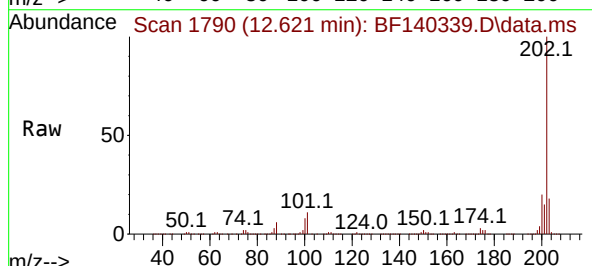
Tgt Ion:149 Resp: 2283744
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.1 4.0 6.0

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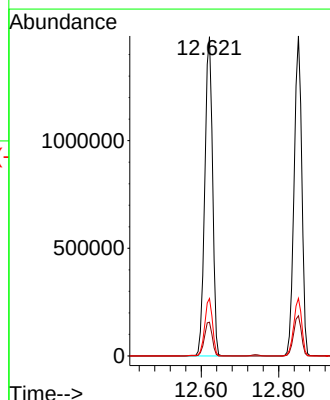
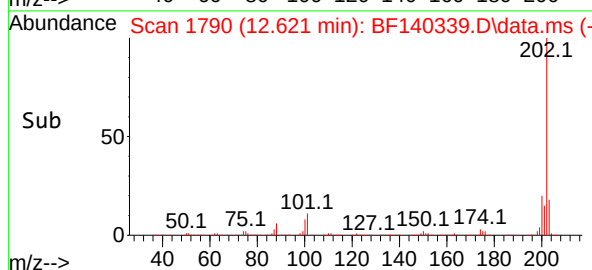
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

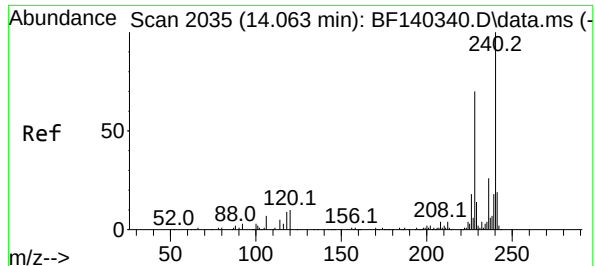


#75
Fluoranthene
Concen: 65.832 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:202 Resp: 2053832
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 18.0 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

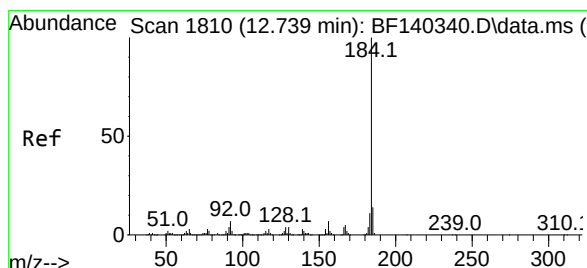
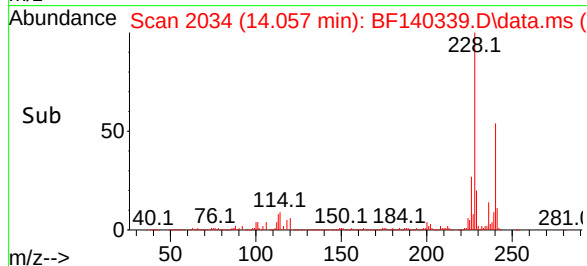
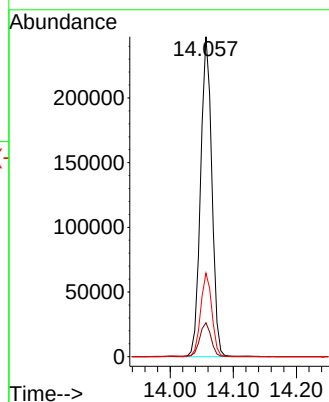
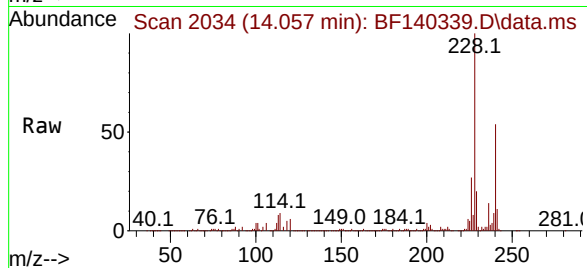
ClientSampleId :

SSTDICC080

Tgt Ion:240 Resp: 305715
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.1 20.9 31.3

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Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#77

Benzidine

Concen: 97.835 ng

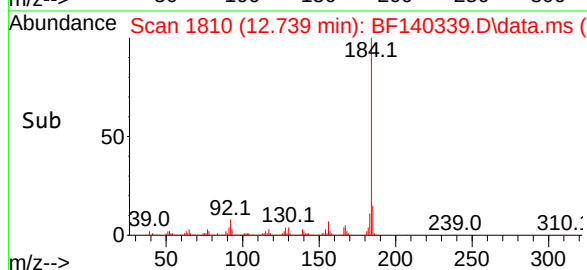
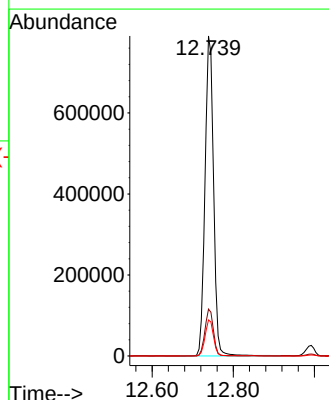
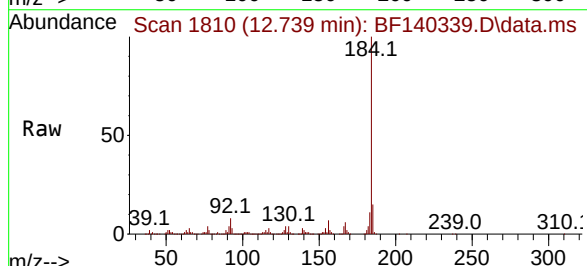
RT: 12.739 min Scan# 1810

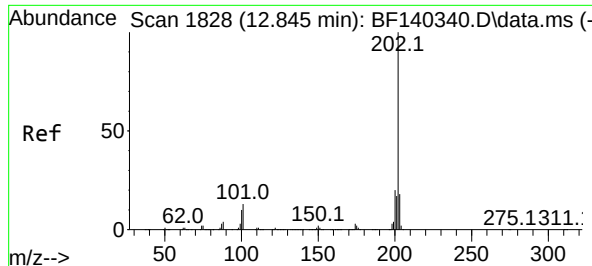
Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

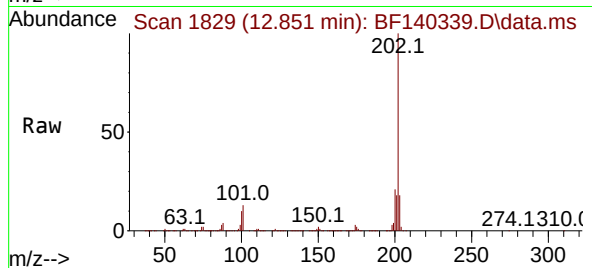
Tgt Ion:184 Resp: 1147944
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.2 8.6 13.0





#78
Pyrene
Concen: 78.173 ng
RT: 12.851 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

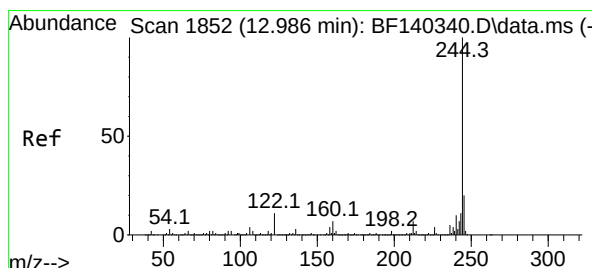
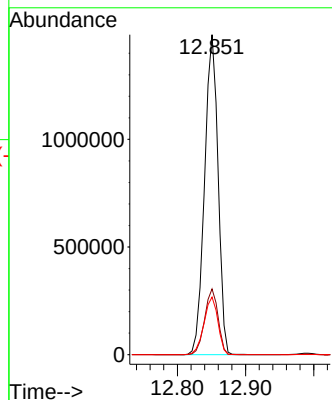
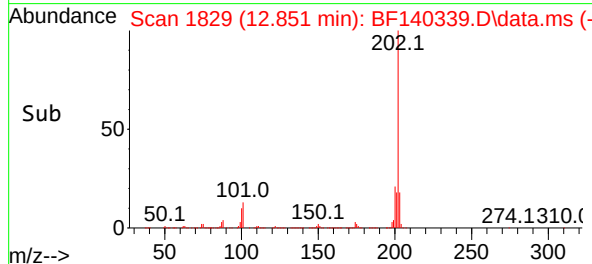
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 2044224
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.2
203 18.0 14.2 21.4

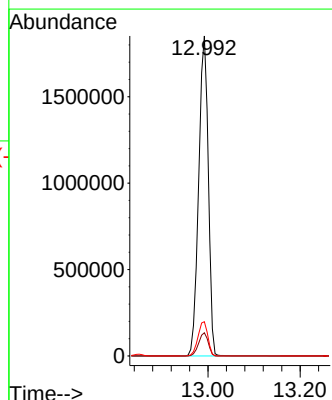
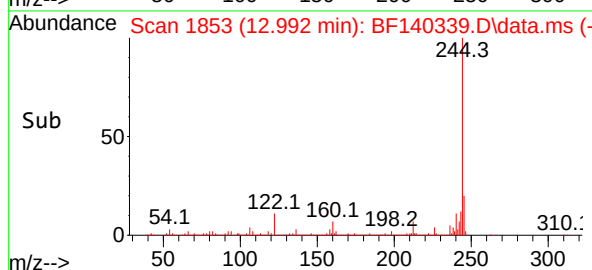
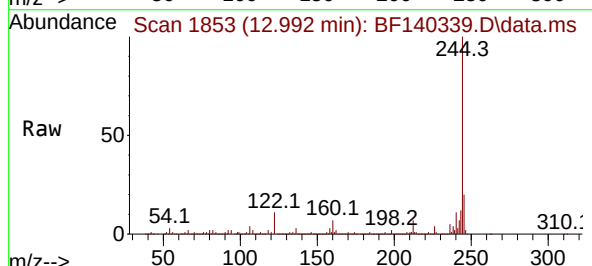
Manual Integrations
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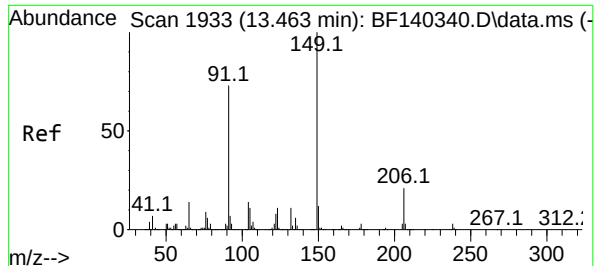
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#79
Terphenyl-d14
Concen: 151.833 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

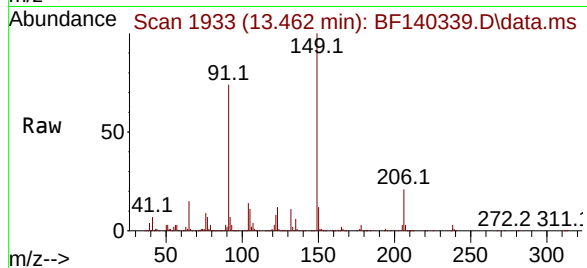
Tgt Ion:244 Resp: 2674139
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.7 8.8 13.2





#80
Butylbenzylphthalate
Concen: 76.487 ng
RT: 13.462 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

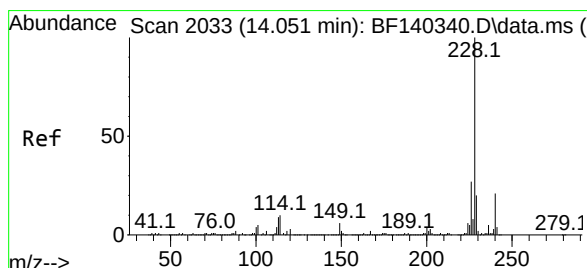
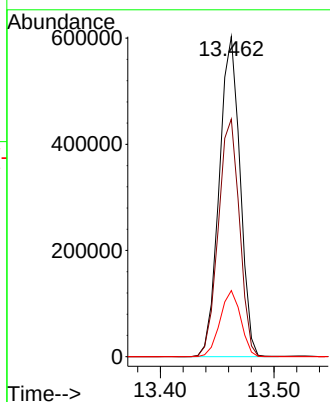
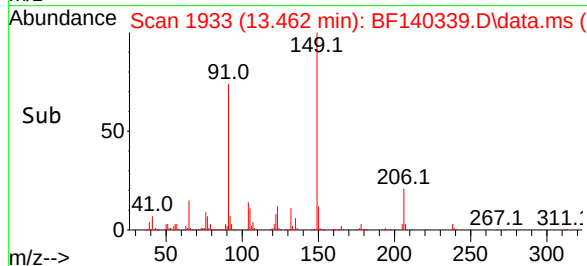
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



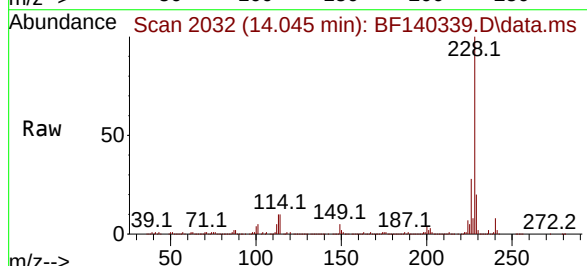
Tgt Ion:149 Resp: 768354
Ion Ratio Lower Upper
149 100
91 74.3 61.0 91.4
206 20.7 16.1 24.1

Manual Integrations
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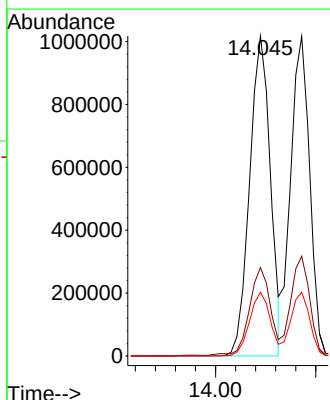
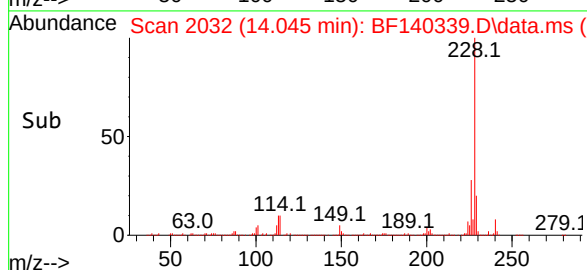
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

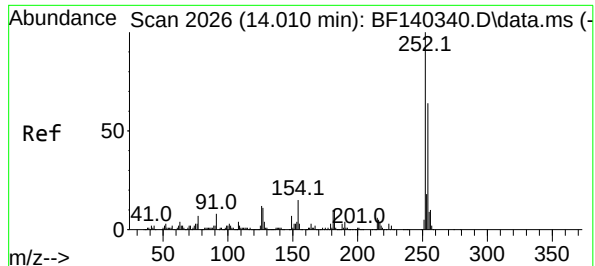


#81
Benzo(a)anthracene
Concen: 72.724 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:228 Resp: 1461193
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.9 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 76.486 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 48846

Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.2

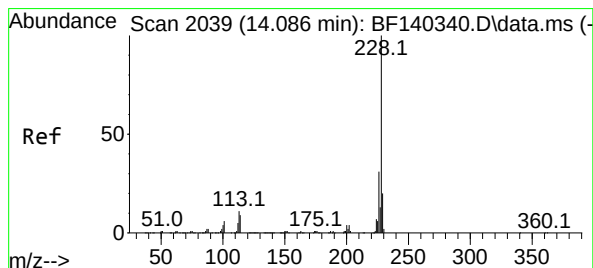
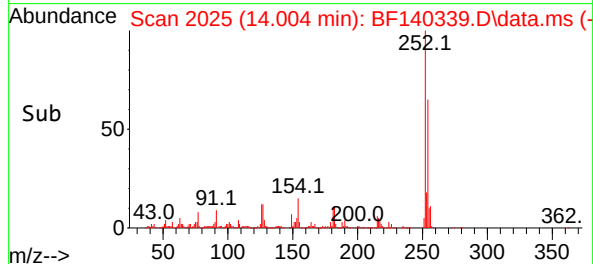
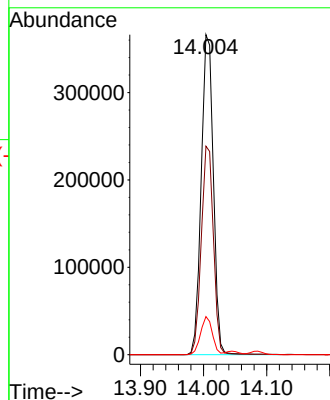
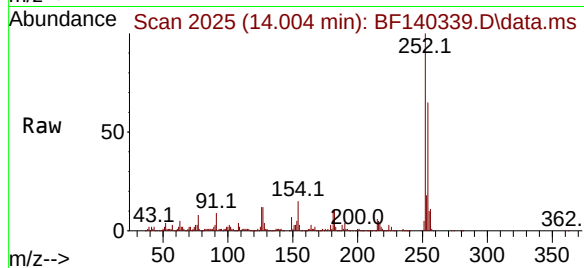
126 11.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#83

Chrysene

Concen: 73.275 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

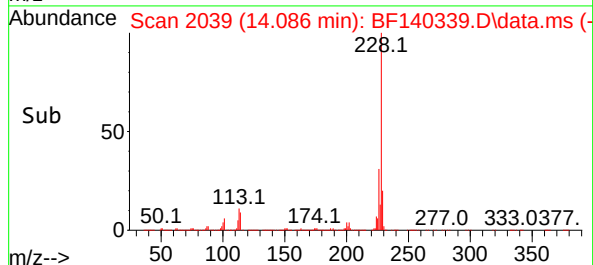
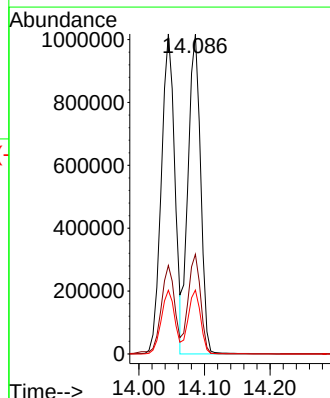
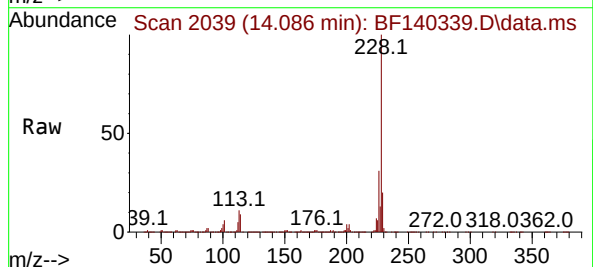
Tgt Ion:228 Resp: 1343316

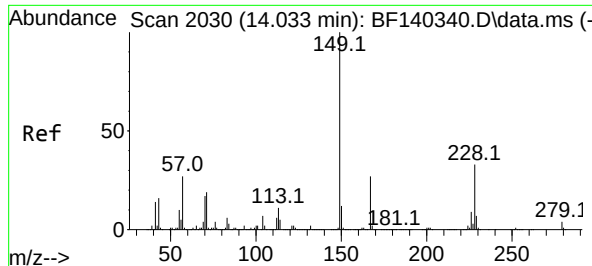
Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

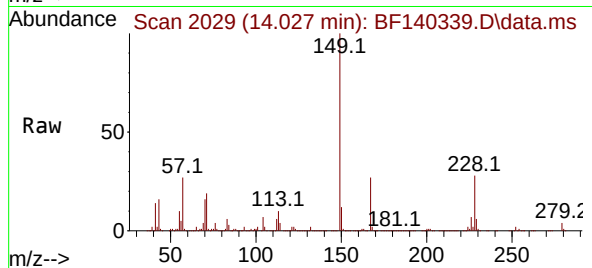
229 20.0 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 74.186 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

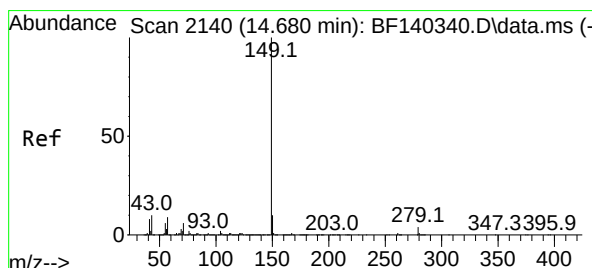
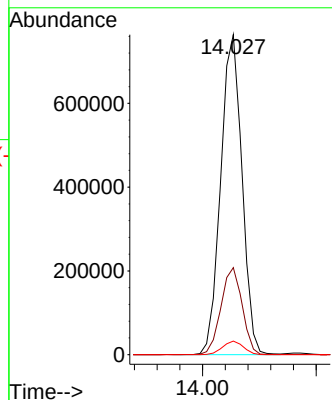
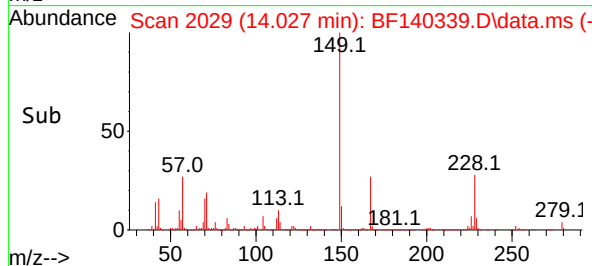
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 994724
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 4.2 3.0 4.6

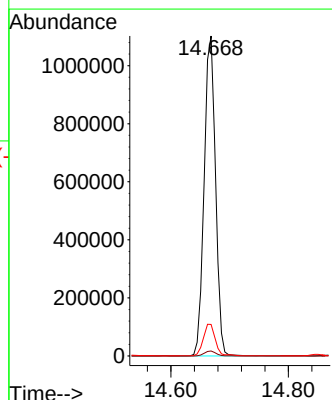
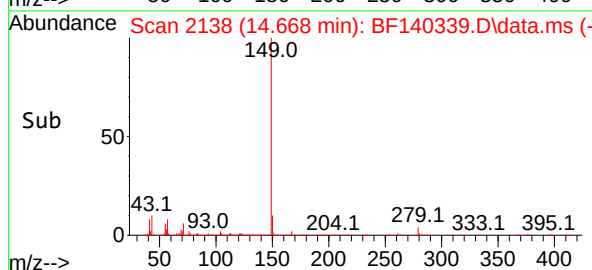
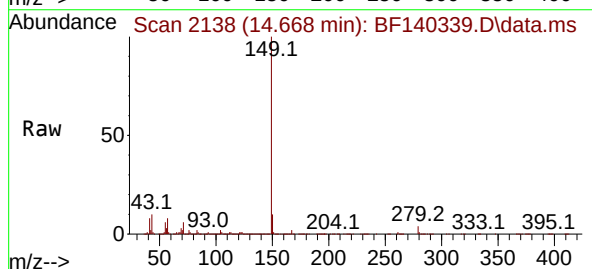
Manual Integrations
APPROVED

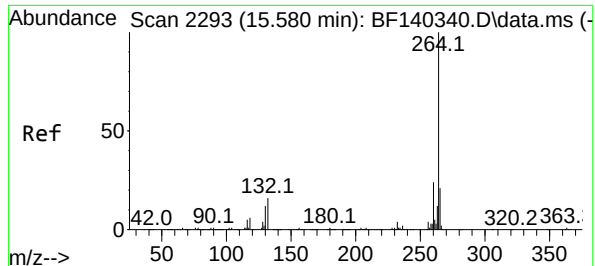
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#85
Di-n-octyl phthalate
Concen: 78.474 ng
RT: 14.668 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

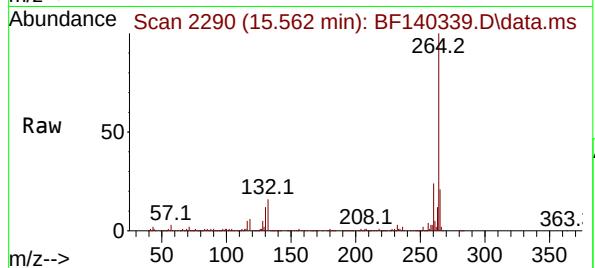
Tgt Ion:149 Resp: 1481946
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.4 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

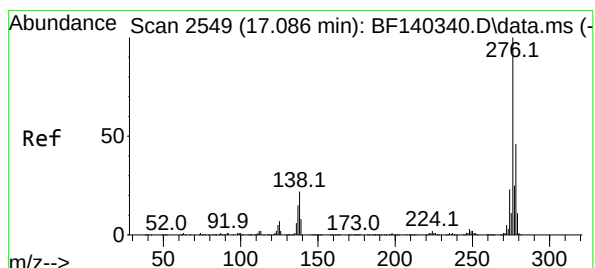
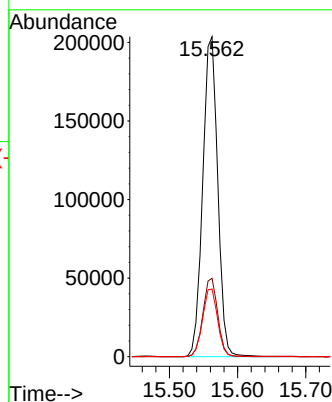
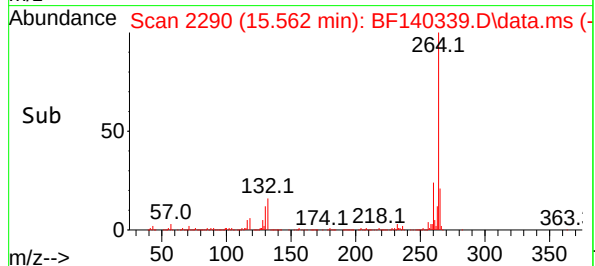
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:264 Resp: 310894
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.2 17.1 25.7

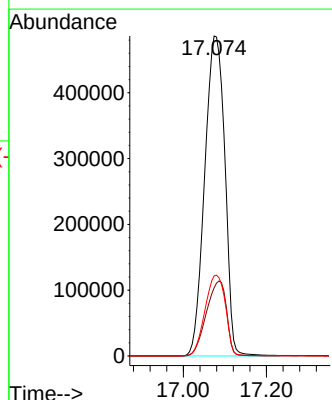
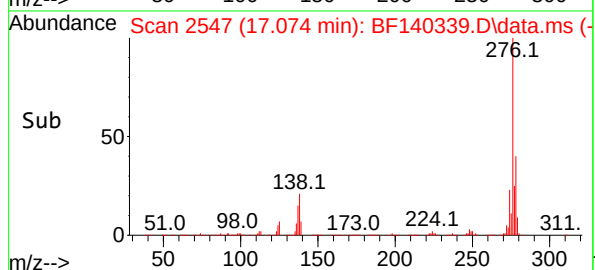
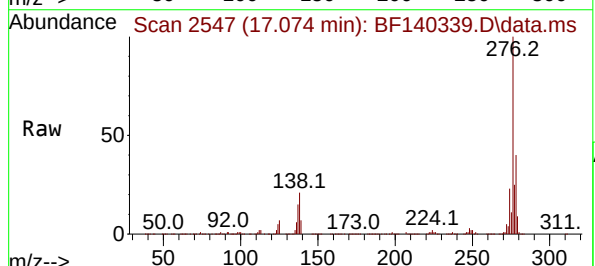
Manual Integrations
APPROVED

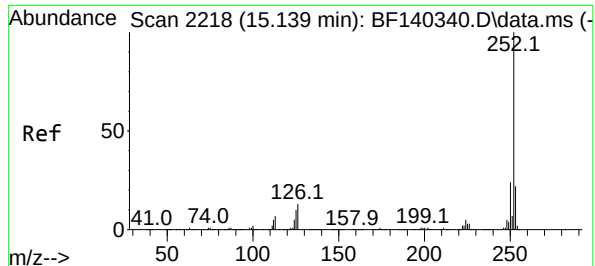
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 85.308 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:276 Resp: 1638318
Ion Ratio Lower Upper
276 100
138 23.4 18.8 28.2
277 25.7 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 73.300 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1490709

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

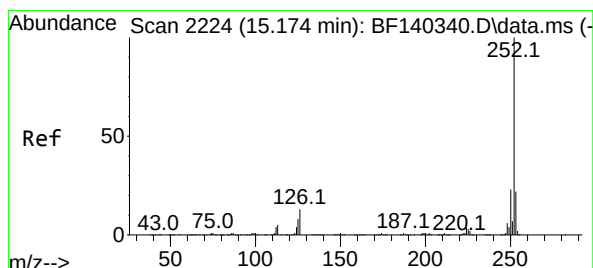
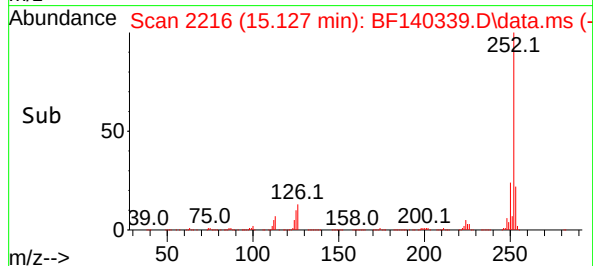
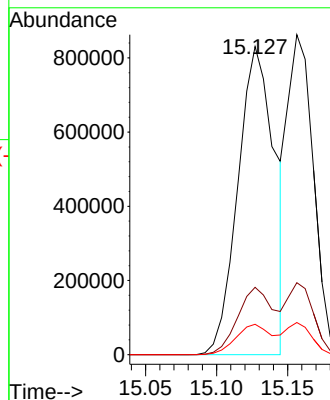
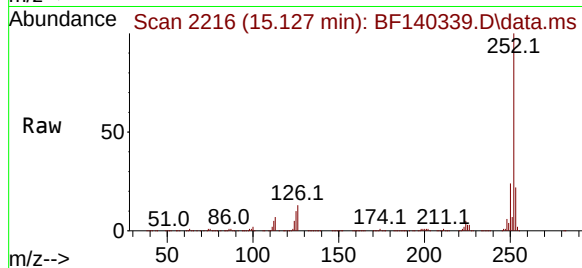
125 9.8 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



#89

Benzo(k)fluoranthene

Concen: 66.445 ng

RT: 15.156 min Scan# 2221

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

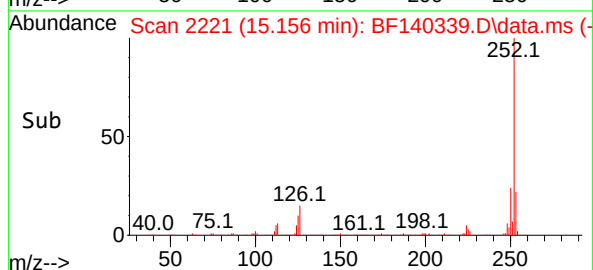
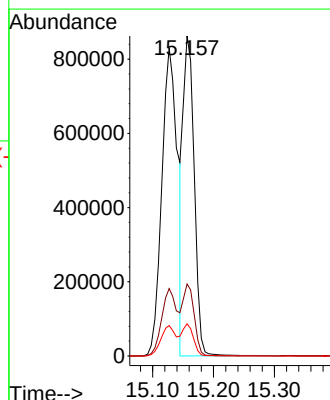
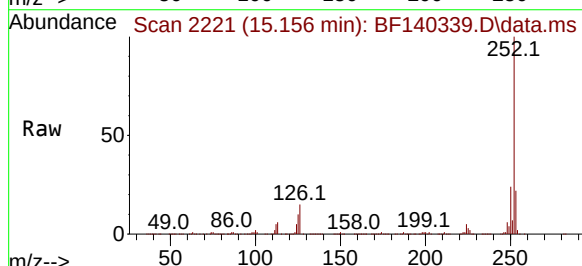
Tgt Ion:252 Resp: 1103915

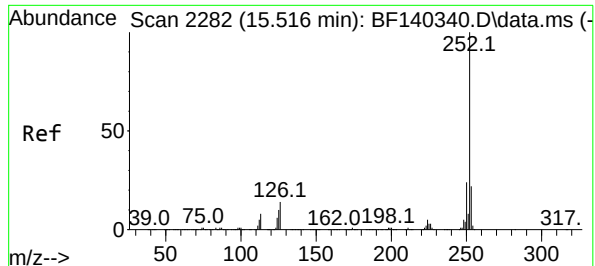
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

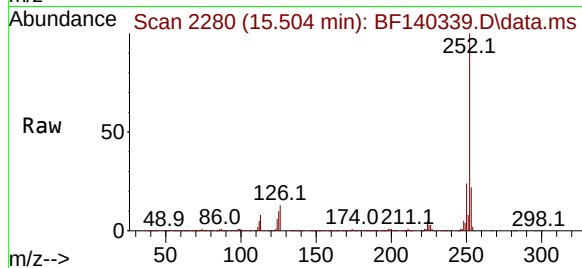
125 10.1 7.4 11.2





#90
Benzo(a)pyrene
Concen: 74.662 ng
RT: 15.504 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

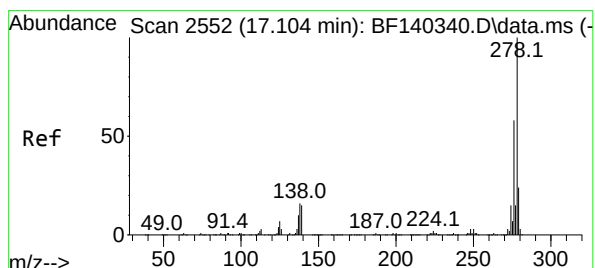
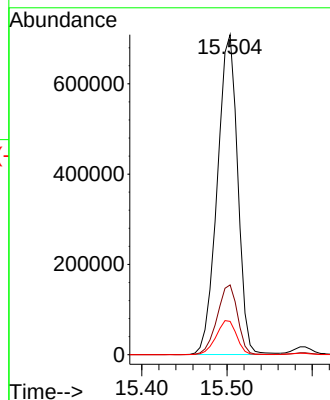
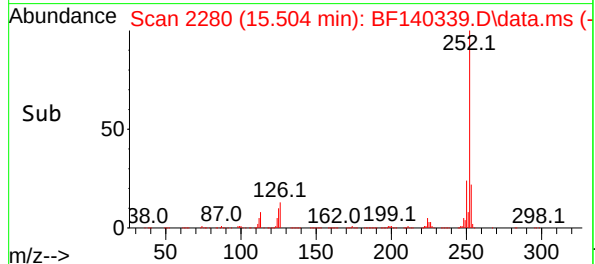
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



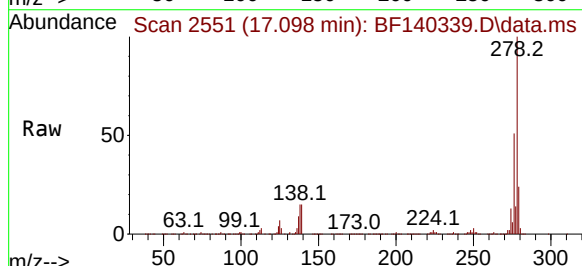
Tgt Ion:252 Resp: 117914
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.4 8.4 12.6

Manual Integrations
APPROVED

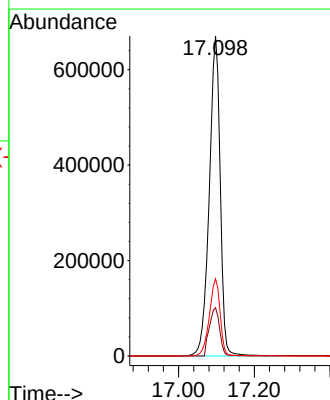
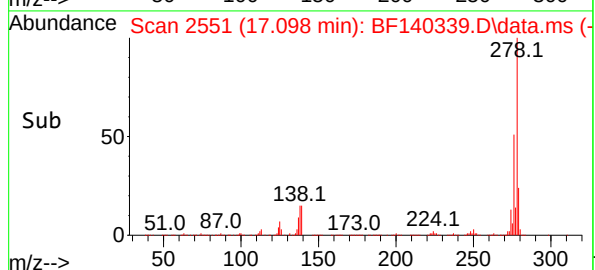
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

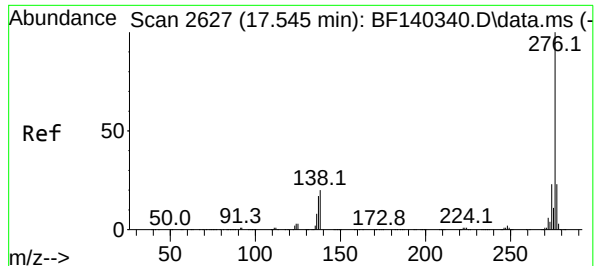


#91
Dibenzo(a,h)anthracene
Concen: 84.367 ng
RT: 17.098 min Scan# 2551
Delta R.T. 0.023 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:278 Resp: 1339293
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.8
279 24.1 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 85.805 ng

RT: 17.539 min Scan# 20

Delta R.T. 0.023 min

Lab File: BF140339.D

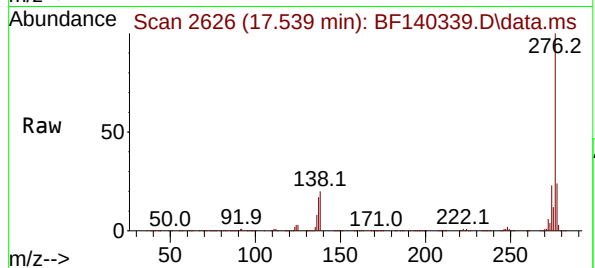
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 139252

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

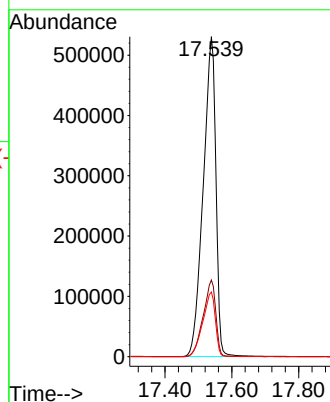
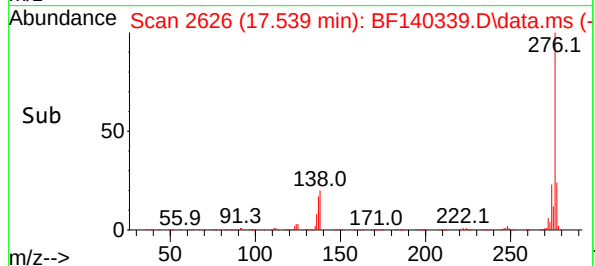
138 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/14/2024



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140340.D
Acq On : 13 Nov 2024 12:48
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 13 14:28:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147186	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	589077	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	334544	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	628587	20.000	ng	0.00
76) Chrysene-d12	14.063	240	385940	20.000	ng	0.01
86) Perylene-d12	15.580	264	322417	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	677089	78.544	ng	0.00
7) Phenol-d6	6.504	99	945074	80.918	ng	0.00
23) Nitrobenzene-d5	7.440	82	884247	78.210	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	257655	77.449	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1568502	75.369	ng	0.00
79) Terphenyl-d14	12.986	244	1733989	77.987	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.634	88	151541	39.442	ng	99
3) Pyridine	3.399	79	387454	41.019	ng	99
4) n-Nitrosodimethylamine	3.352	42	193917	40.620	ng	97
6) Aniline	6.540	93	427252	42.052	ng	100
8) 2-Chlorophenol	6.663	128	371904	40.162	ng	100
9) Benzaldehyde	6.428	77	262348	37.479	ng	99
10) Phenol	6.516	94	507443	41.199	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	371673	39.825	ng	99
12) 1,3-Dichlorobenzene	6.816	146	404387	39.579	ng	99
13) 1,4-Dichlorobenzene	6.893	146	409423	39.520	ng	99
14) 1,2-Dichlorobenzene	7.051	146	380948	39.610	ng	100
15) Benzyl Alcohol	7.016	79	356418	42.357	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	534596	41.471	ng	99
17) 2-Methylphenol	7.128	107	313127	41.105	ng	99
18) Hexachloroethane	7.387	117	151355	39.519	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	288974	40.966	ng	98
20) 3+4-Methylphenols	7.281	107	397692	41.745	ng	96
22) Acetophenone	7.287	105	529699	38.662	ng	98
24) Nitrobenzene	7.457	77	462701	39.307	ng	99
25) Isophorone	7.698	82	793806	39.616	ng	99
26) 2-Nitrophenol	7.775	139	210859	40.366	ng	99
27) 2,4-Dimethylphenol	7.804	122	262308	39.222	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	479505	39.027	ng	100
29) 2,4-Dichlorophenol	8.016	162	323936	39.193	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	355366	38.619	ng	100
31) Naphthalene	8.181	128	1157149	38.723	ng	100
32) Benzoic acid	7.928	122	249383	42.449	ng	96
33) 4-Chloroaniline	8.228	127	400271	38.516	ng	100
34) Hexachlorobutadiene	8.292	225	227805	38.855	ng	99
35) Caprolactam	8.598	113	108216	38.943	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	364230	39.766	ng	99
37) 2-Methylnaphthalene	8.869	142	744201	38.839	ng	99
38) 1-Methylnaphthalene	8.969	142	736798	39.267	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	354978	38.371	ng	99
41) Hexachlorocyclopentadiene	9.022	237	93127	39.207	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	240824	39.666	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140340.D
 Acq On : 13 Nov 2024 12:48
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 13 14:28:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

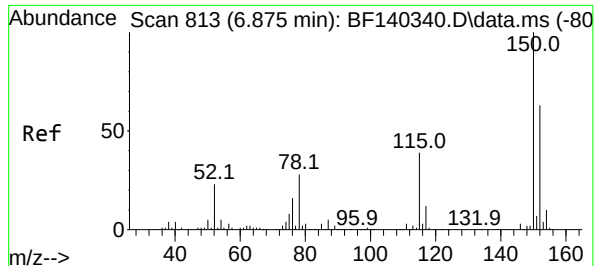
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	260135	39.190	ng	99
46) 1,1'-Biphenyl	9.334	154	939571	38.605	ng	99
47) 2-Chloronaphthalene	9.357	162	712904	38.453	ng	99
48) 2-Nitroaniline	9.457	65	243614	39.621	ng	99
49) Acenaphthylene	9.775	152	1094318	39.012	ng	100
50) Dimethylphthalate	9.634	163	843750	38.694	ng	100
51) 2,6-Dinitrotoluene	9.698	165	198967	40.024	ng	99
52) Acenaphthene	9.951	154	733408	38.711	ng	100
53) 3-Nitroaniline	9.869	138	207550	39.755	ng	100
54) 2,4-Dinitrophenol	9.975	184	98545	38.441	ng	98
55) Dibenzofuran	10.122	168	1042453	38.868	ng	100
56) 4-Nitrophenol	10.022	139	157938	41.475	ng	98
57) 2,4-Dinitrotoluene	10.104	165	258886	39.569	ng	98
58) Fluorene	10.463	166	804084	37.951	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	212533	40.586	ng	99
60) Diethylphthalate	10.334	149	861287	38.627	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	403914	38.614	ng	99
62) 4-Nitroaniline	10.481	138	213640	40.022	ng	100
63) Azobenzene	10.616	77	865008	39.263	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	136662	40.409	ng	98
66) n-Nitrosodiphenylamine	10.575	169	703286	38.723	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	243728	38.789	ng	100
68) Hexachlorobenzene	11.010	284	273839	38.734	ng	98
69) Atrazine	11.098	200	181993	33.121	ng	99
70) Pentachlorophenol	11.204	266	160120	42.046	ng	98
71) Phenanthrene	11.428	178	1135052	38.440	ng	100
72) Anthracene	11.481	178	1117453	38.613	ng	100
73) Carbazole	11.633	167	1101588	38.551	ng	100
74) Di-n-butylphthalate	11.957	149	1350065	39.365	ng	100
75) Fluoranthene	12.616	202	1279456	38.621	ng	100
77) Benzidine	12.739	184	504166	34.036	ng	99
78) Pyrene	12.845	202	1295809	39.252	ng	100
80) Butylbenzylphthalate	13.463	149	532219	41.968	ng	97
81) Benzo(a)anthracene	14.051	228	975194	38.447	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	310326	38.491	ng	99
83) Chrysene	14.086	228	901424	38.950	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	715490	42.269	ng	100
85) Di-n-octyl phthalate	14.680	149	995484	41.757	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	811059	40.723	ng	100
88) Benzo(b)fluoranthene	15.139	252	814405	38.614	ng	100
89) Benzo(k)fluoranthene	15.174	252	683609	39.676	ng	99
90) Benzo(a)pyrene	15.516	252	648346	39.585	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	670243	40.712	ng	99
92) Benzo(g,h,i)perylene	17.545	276	685184	40.711	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

- 1
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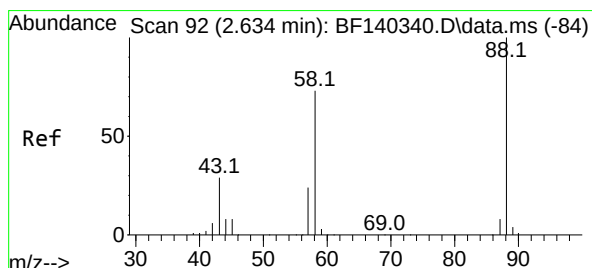
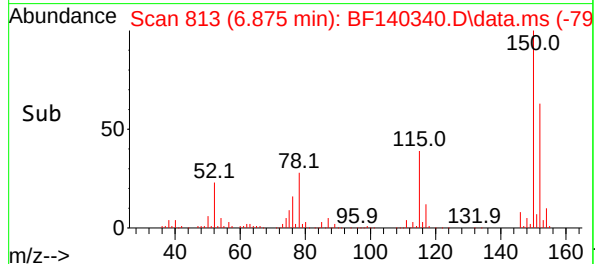
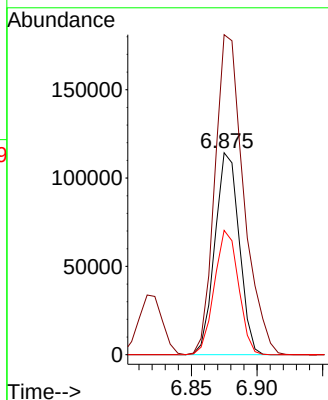
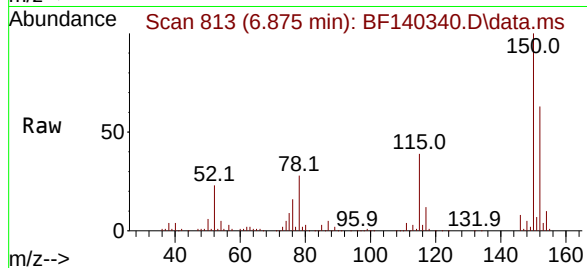




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

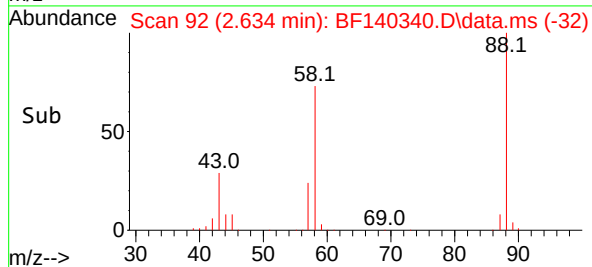
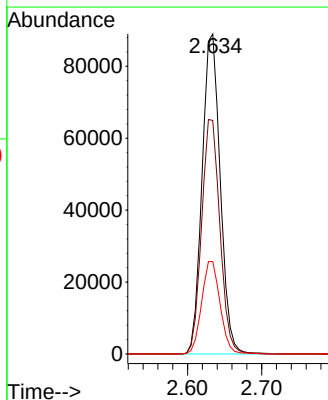
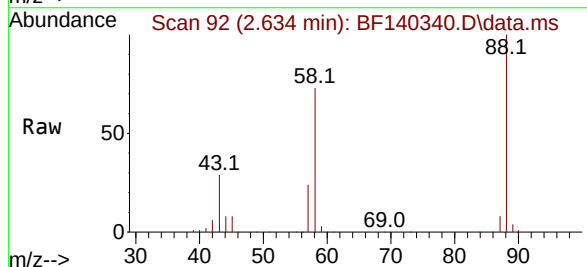
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

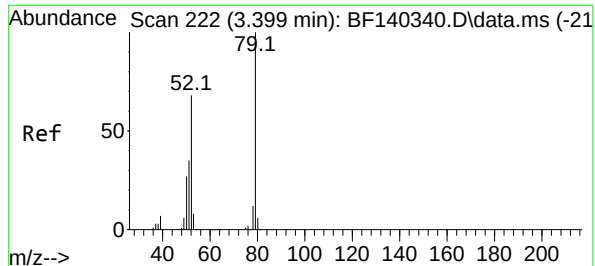
Tgt Ion:152 Resp: 147186
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.6 47.4 71.2



#2
1,4-Dioxane
Concen: 39.442 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 88 Resp: 151541
Ion Ratio Lower Upper
88 100
58 73.8 59.5 89.3
43 29.4 23.4 35.2





#3

Pyridine

Concen: 41.019 ng

RT: 3.399 min Scan# 211

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

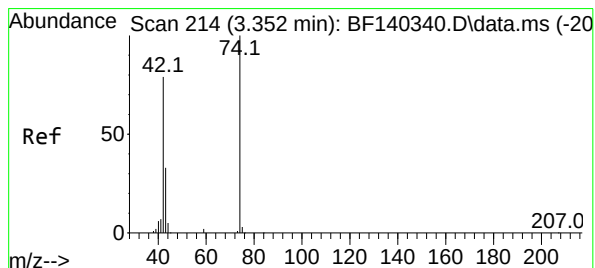
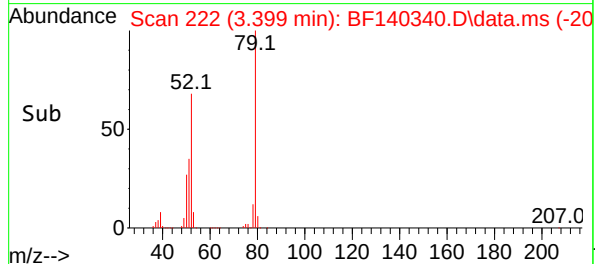
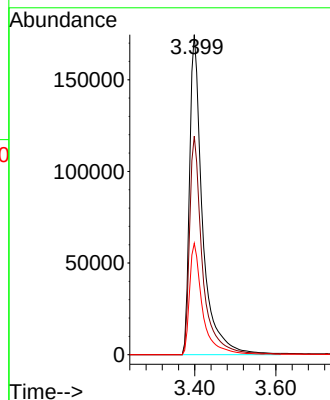
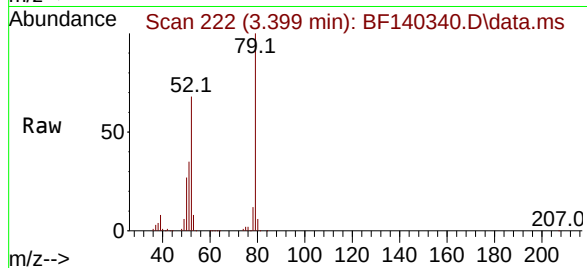
Tgt Ion: 79 Resp: 387454

Ion Ratio Lower Upper

79 100

52 68.3 53.8 80.6

51 34.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.620 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

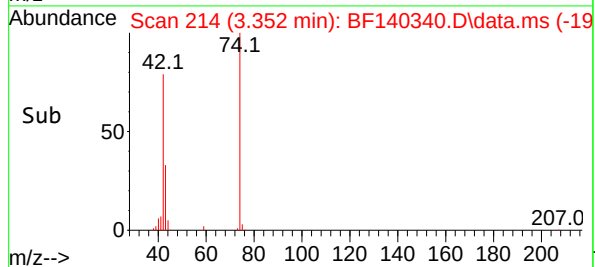
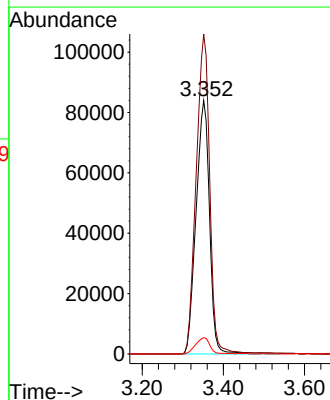
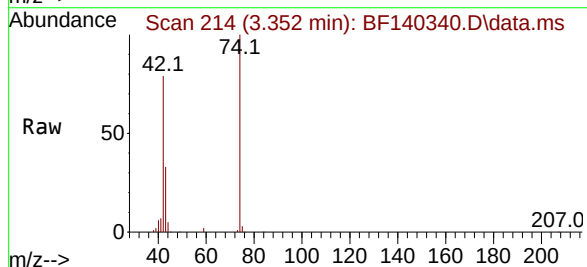
Tgt Ion: 42 Resp: 193917

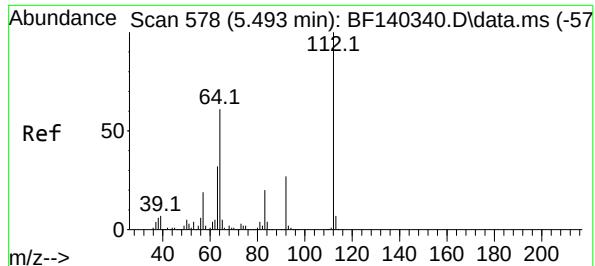
Ion Ratio Lower Upper

42 100

74 126.3 103.5 155.3

44 6.4 5.1 7.7

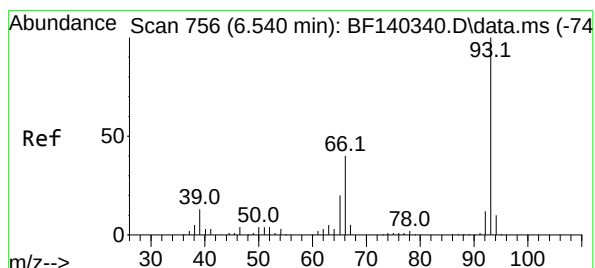
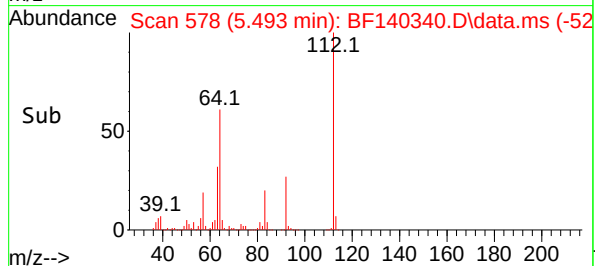
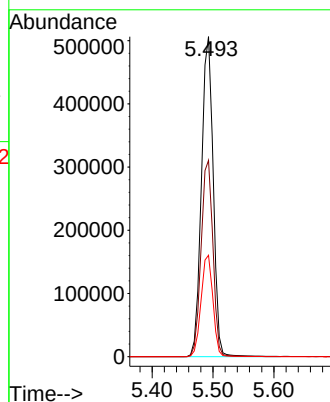
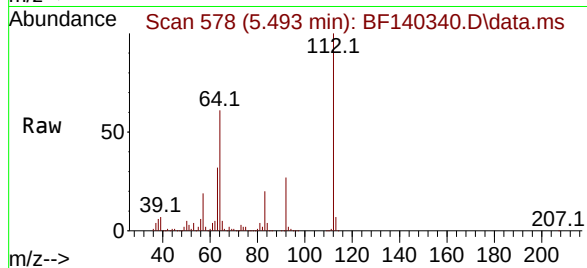




#5
2-Fluorophenol
Concen: 78.544 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

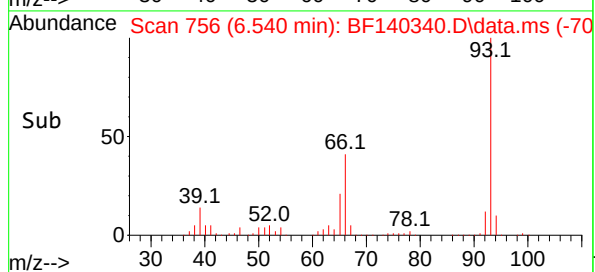
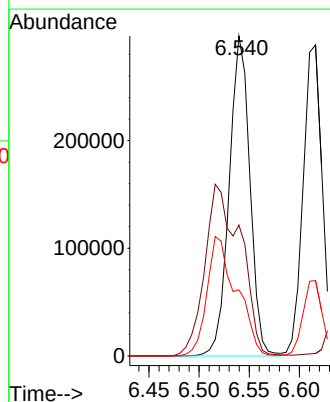
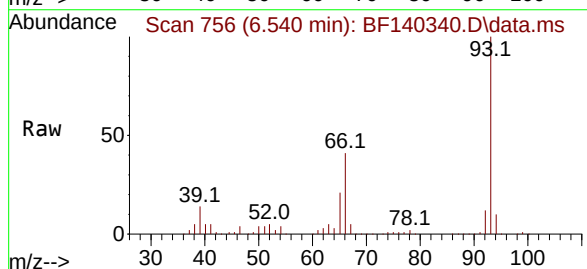
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

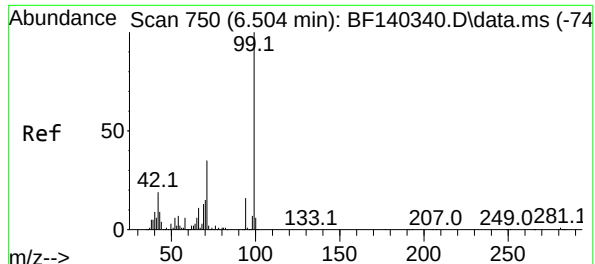
Tgt Ion:112 Resp: 677089
Ion Ratio Lower Upper
112 100
64 61.3 49.2 73.8
63 31.7 25.6 38.4



#6
Aniline
Concen: 42.052 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 93 Resp: 427252
Ion Ratio Lower Upper
93 100
66 40.9 32.8 49.2
65 20.6 16.6 25.0





#7

Phenol-d6

Concen: 80.918 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

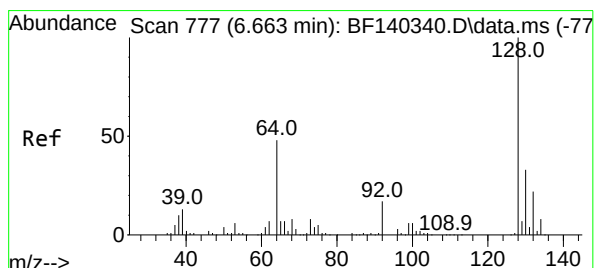
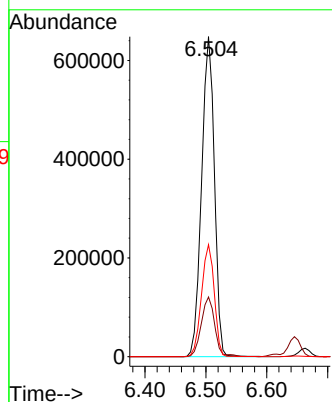
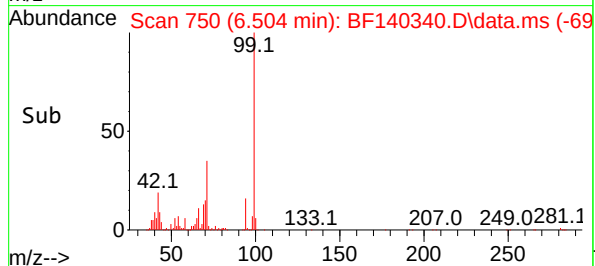
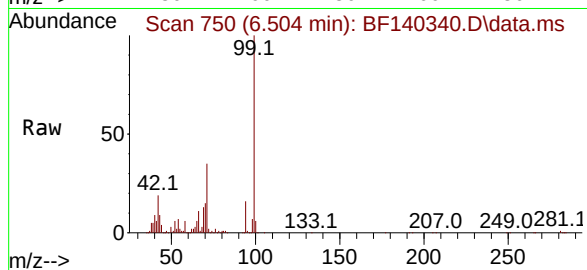
Tgt Ion: 99 Resp: 945074

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 35.0 27.9 41.9



#8

2-Chlorophenol

Concen: 40.162 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

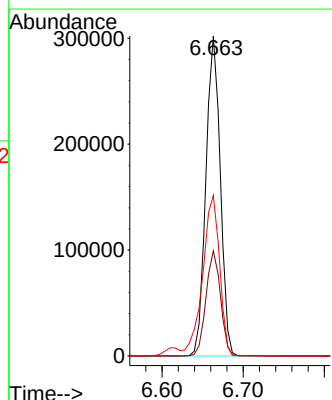
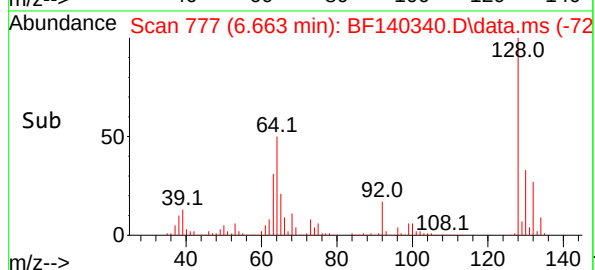
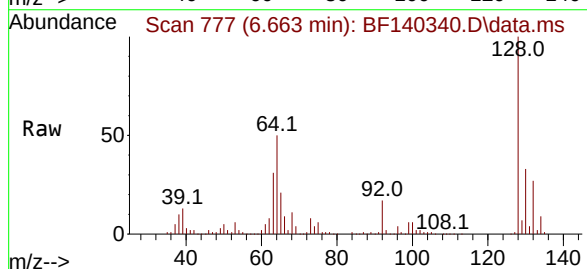
Tgt Ion: 128 Resp: 371904

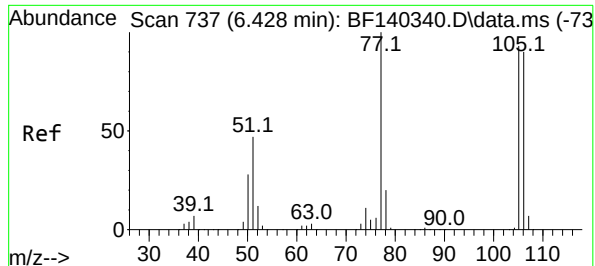
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 50.2 30.2 70.2





#9

Benzaldehyde

Concen: 37.479 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

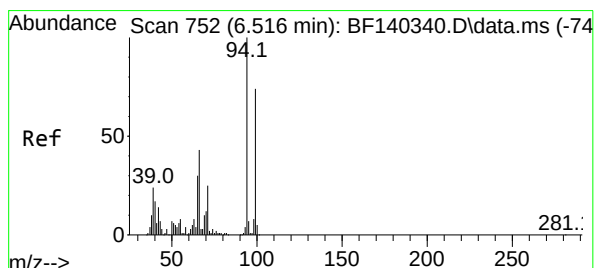
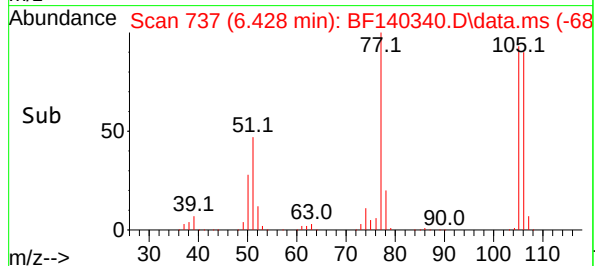
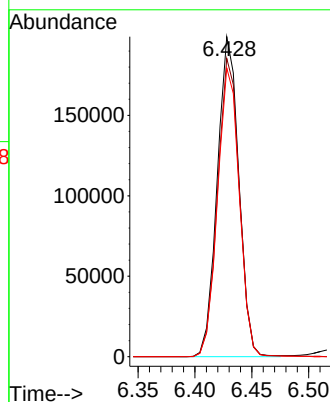
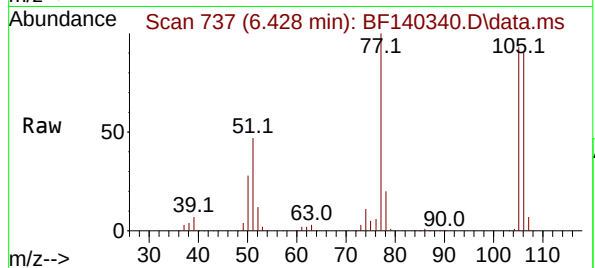
Tgt Ion: 77 Resp: 262348

Ion Ratio Lower Upper

77 100

105 93.2 74.4 114.4

106 90.2 69.9 109.9



#10

Phenol

Concen: 41.199 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

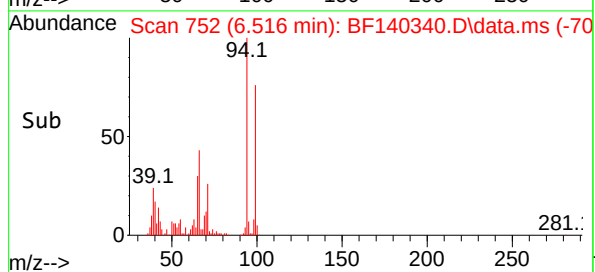
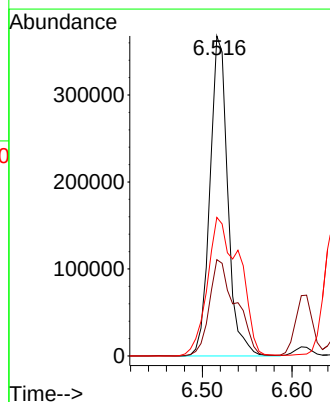
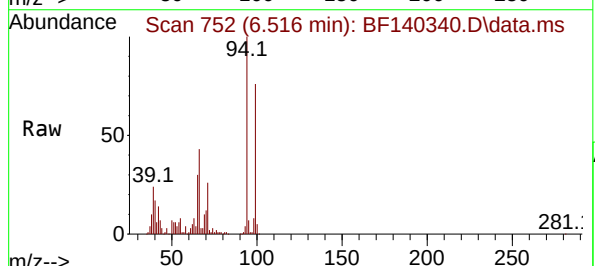
Tgt Ion: 94 Resp: 507443

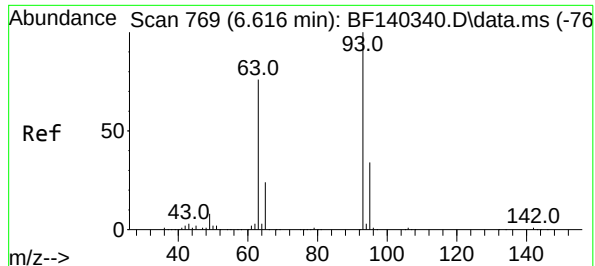
Ion Ratio Lower Upper

94 100

65 30.1 10.4 50.4

66 43.3 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 39.825 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

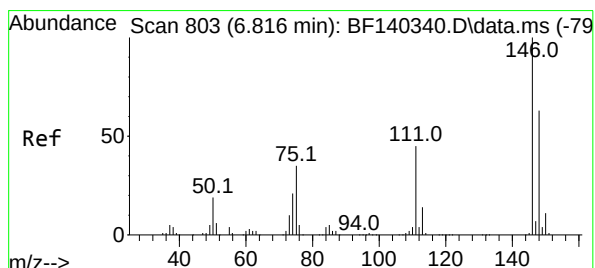
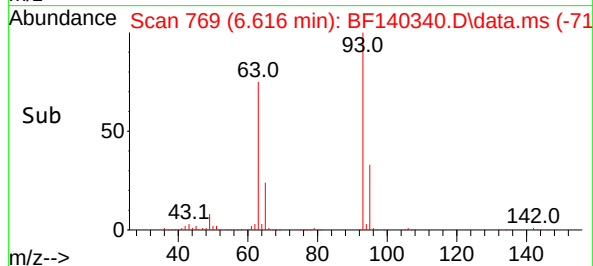
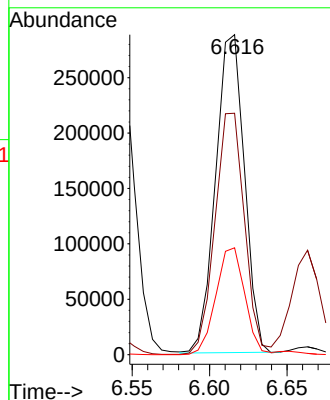
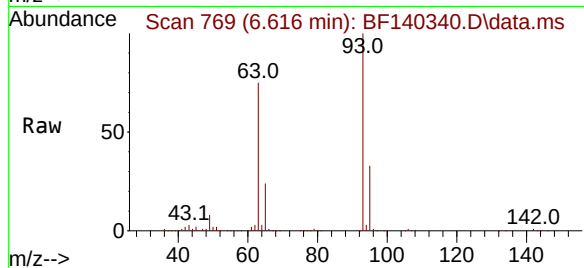
Tgt Ion: 93 Resp: 371673

Ion Ratio Lower Upper

93 100

63 75.5 54.0 94.0

95 33.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.579 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

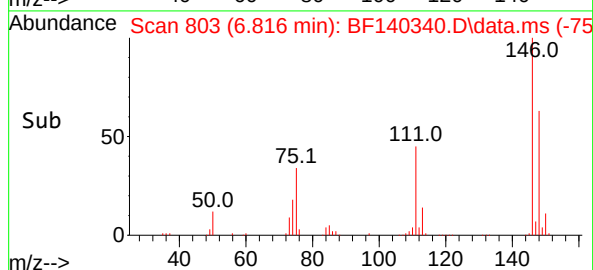
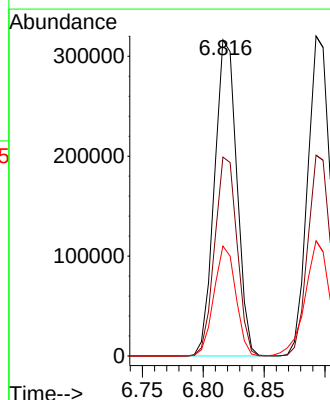
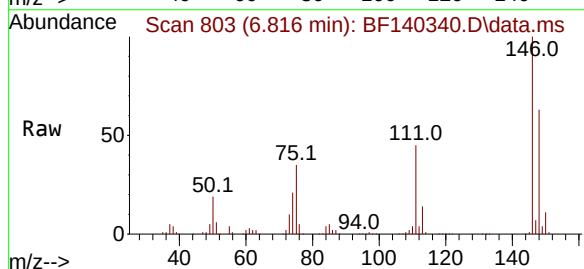
Tgt Ion: 146 Resp: 404387

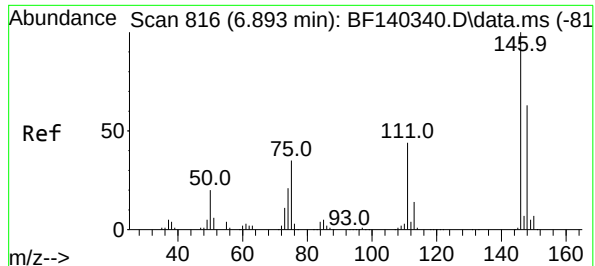
Ion Ratio Lower Upper

146 100

148 62.9 50.7 76.1

75 34.8 26.4 39.6

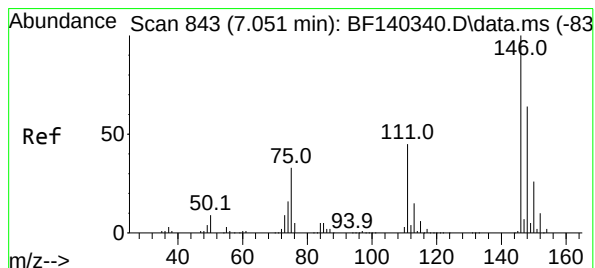
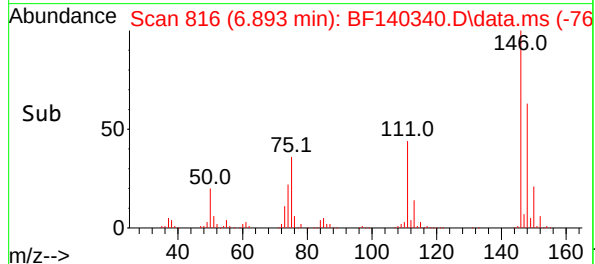
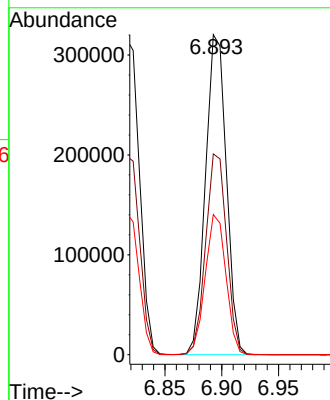
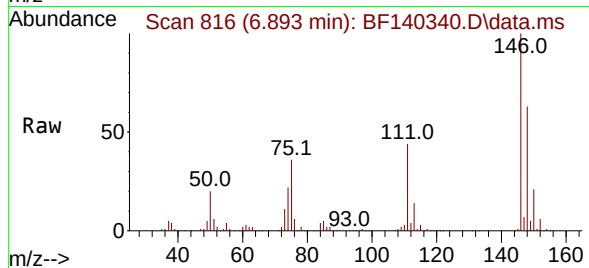




#13
1,4-Dichlorobenzene
Concen: 39.520 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

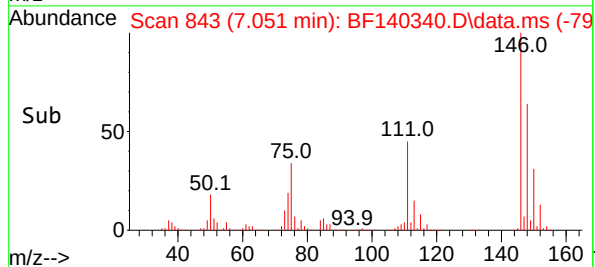
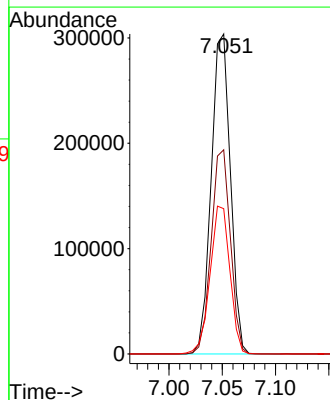
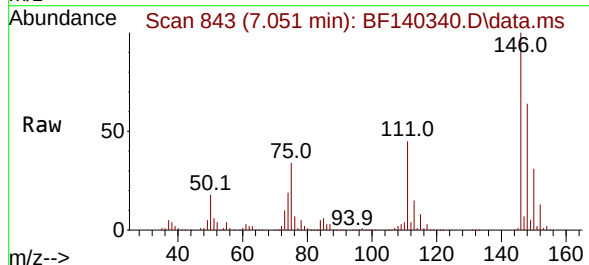
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

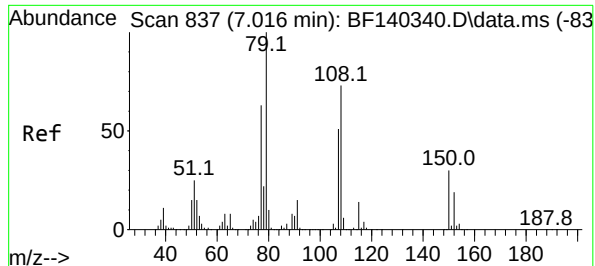
Tgt Ion:146 Resp: 409423
Ion Ratio Lower Upper
146 100
148 62.7 50.8 76.2
111 43.8 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 39.610 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:146 Resp: 380948
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 45.4 36.5 54.7





#15

Benzyl Alcohol

Concen: 42.357 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

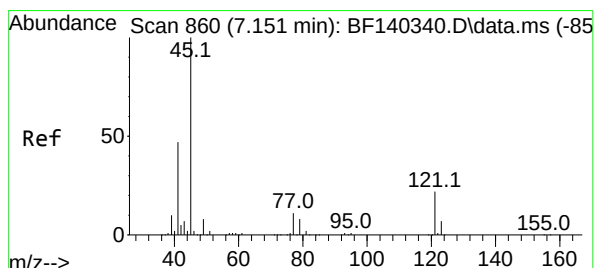
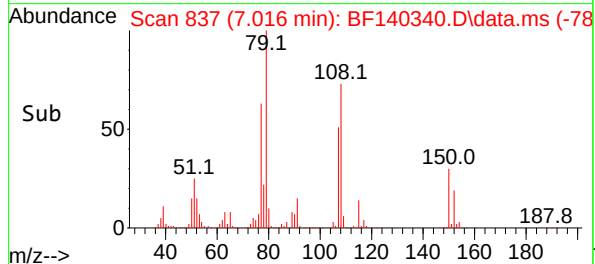
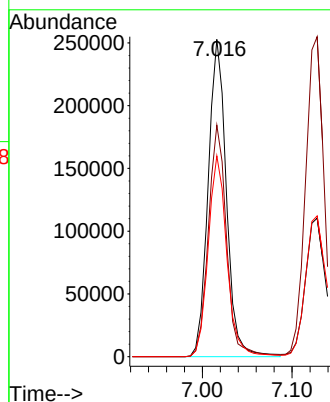
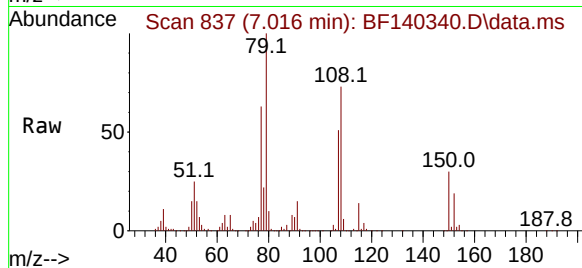
Tgt Ion: 79 Resp: 356418

Ion Ratio Lower Upper

79 100

108 73.0 57.8 86.6

77 63.3 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.471 ng

RT: 7.151 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

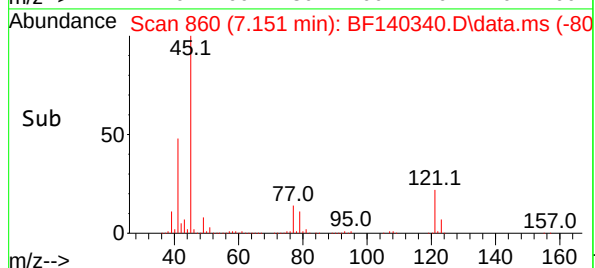
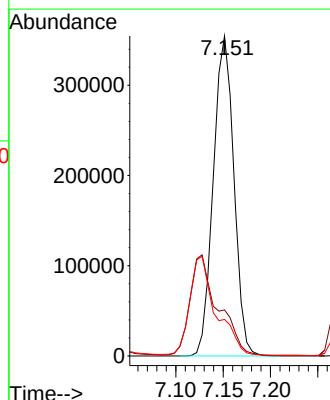
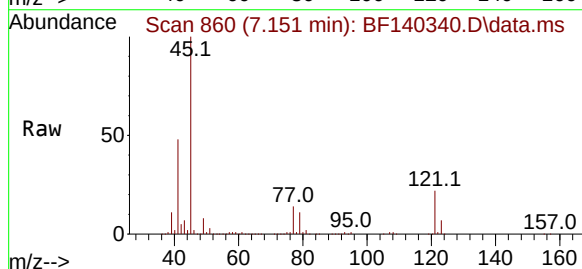
Tgt Ion: 45 Resp: 534596

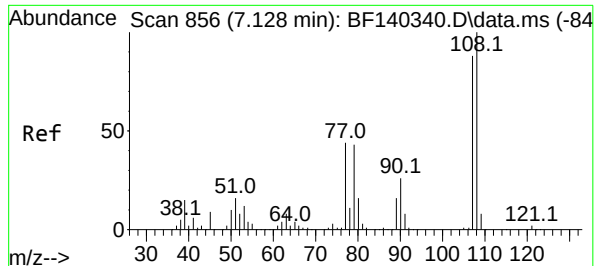
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.8

79 11.4 0.0 31.4

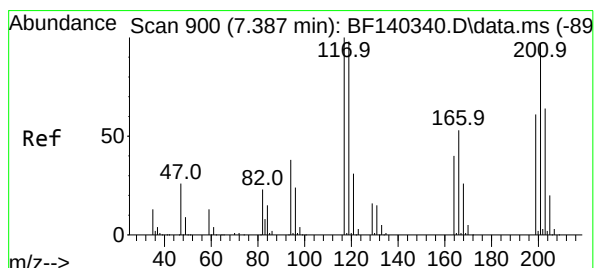
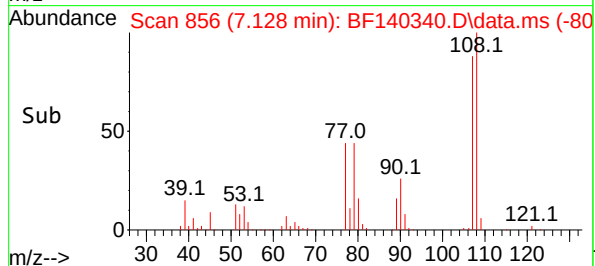
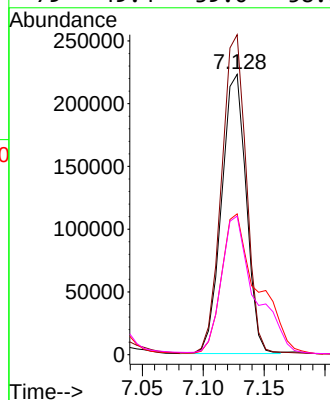
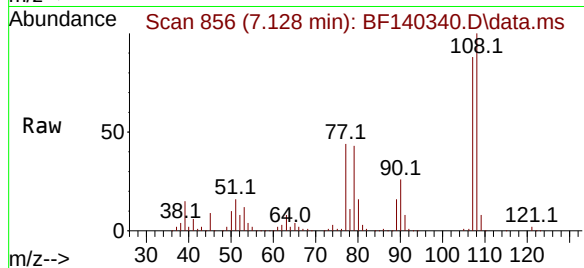




#17
2-Methylphenol
Concen: 41.105 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

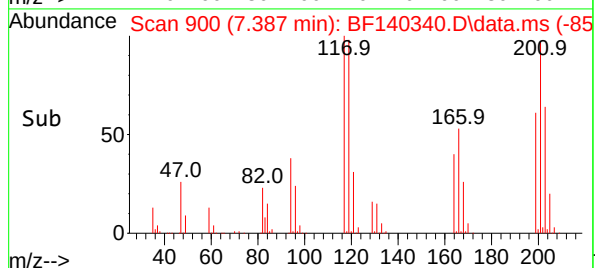
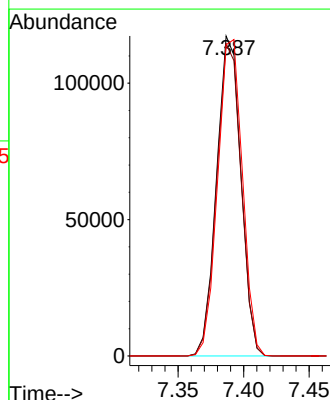
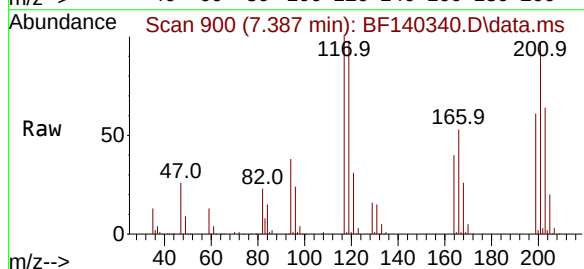
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

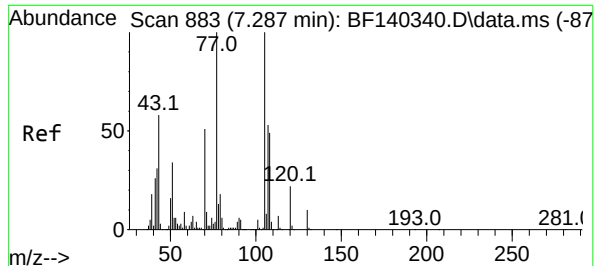
Tgt Ion:	107	Resp:	313127
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.9	137.9
77	50.2	39.7	59.5
79	49.4	39.0	58.6



#18
Hexachloroethane
Concen: 39.519 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:	117	Resp:	151355
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	97.3	80.2	120.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.966 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 288974

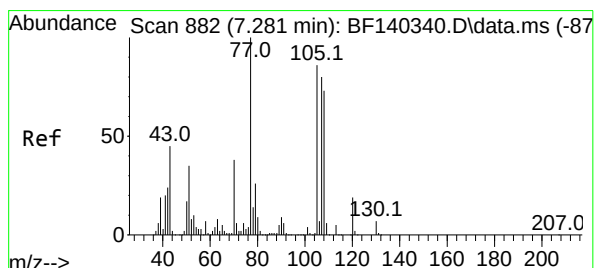
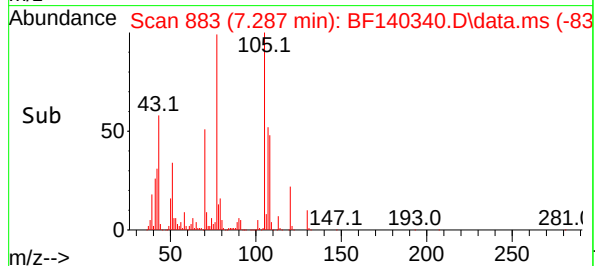
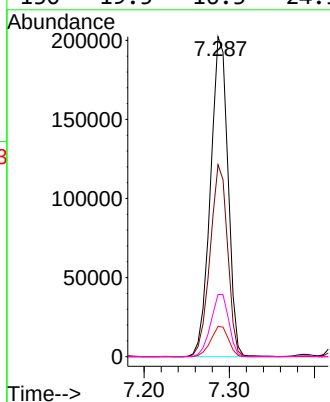
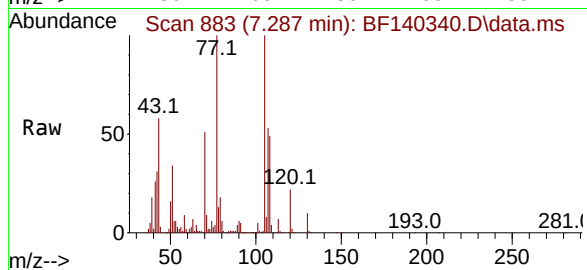
Ion Ratio Lower Upper

70 100

42 60.0 46.8 70.2

101 9.4 7.5 11.3

130 19.5 16.3 24.5



#20

3+4-Methylphenols

Concen: 41.745 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Tgt Ion: 107 Resp: 397692

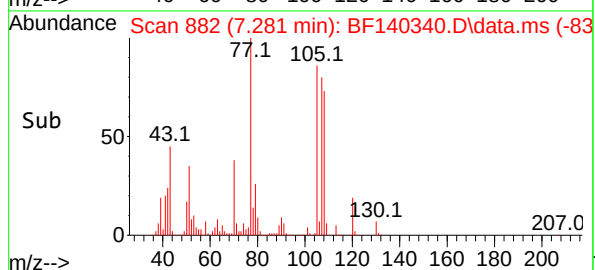
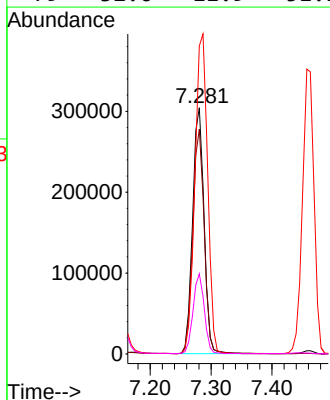
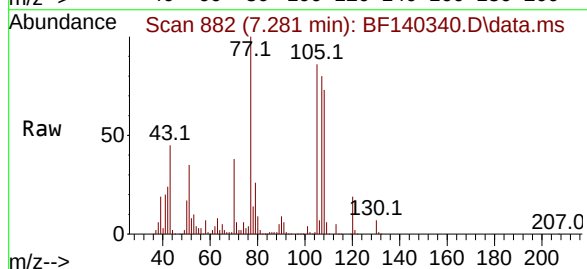
Ion Ratio Lower Upper

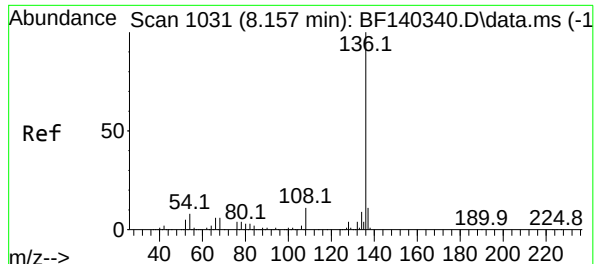
107 100

108 91.3 71.4 111.4

77 125.1 97.0 137.0

79 32.6 11.9 51.9

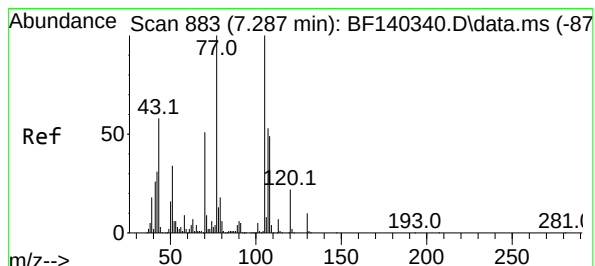
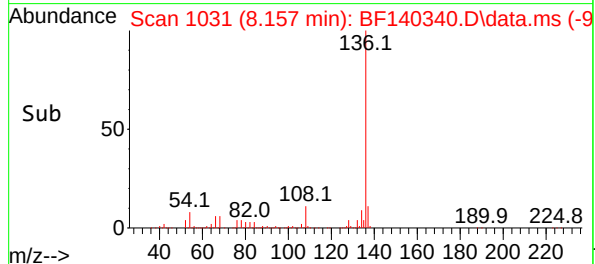
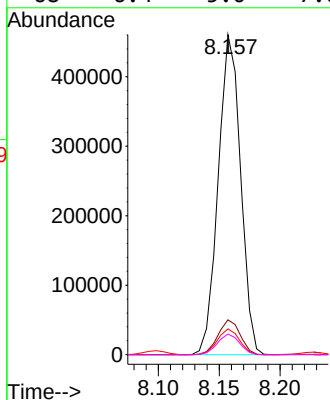
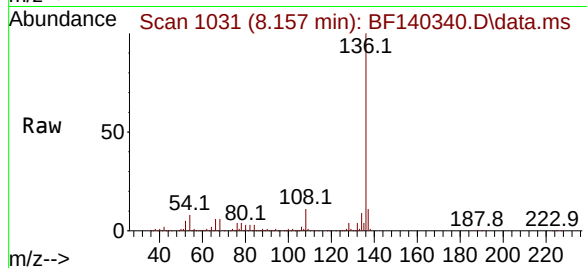




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

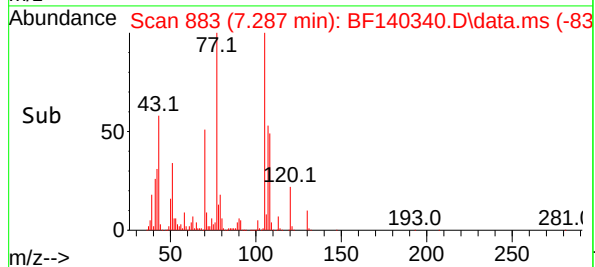
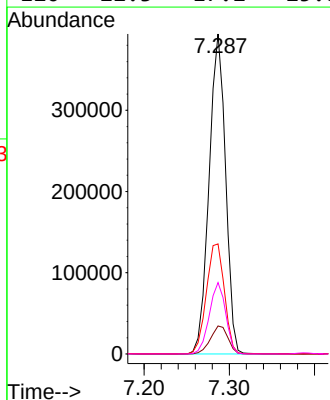
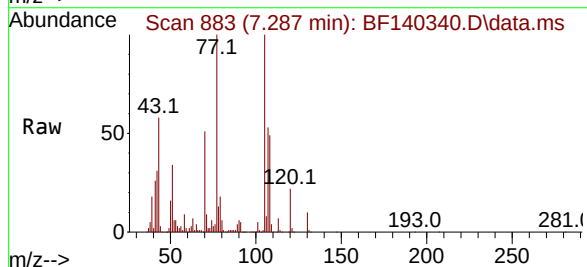
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

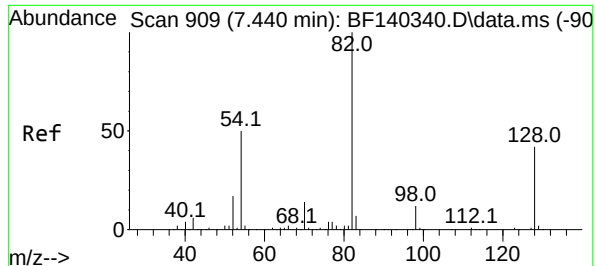
Tgt Ion:136 Resp: 589077
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.1 6.5 9.7
68 6.4 5.0 7.6



#22
Acetophenone
Concen: 38.662 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:105 Resp: 529699
Ion Ratio Lower Upper
105 100
71 8.7 6.9 10.3
51 34.4 28.6 43.0
120 22.3 17.2 25.8





#23

Nitrobenzene-d5

Concen: 78.210 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

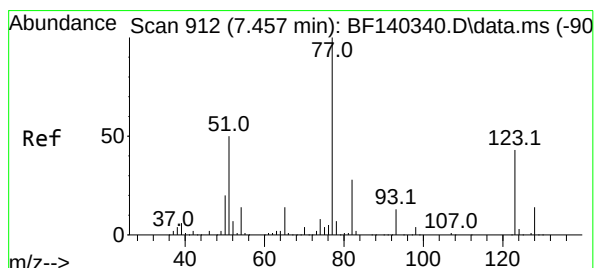
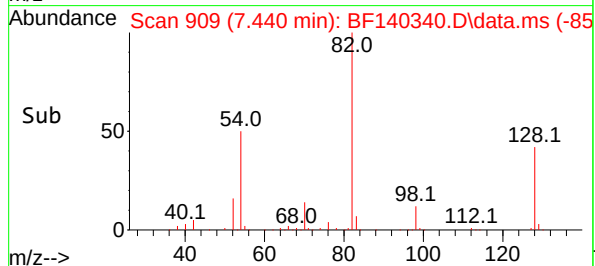
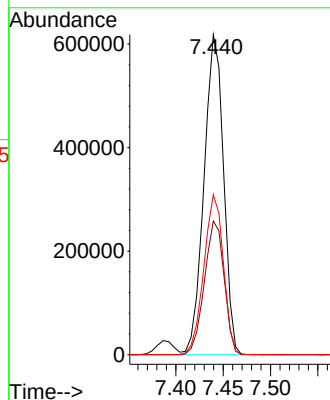
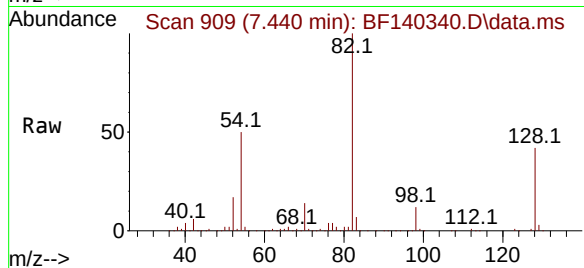
Tgt Ion: 82 Resp: 884247

Ion Ratio Lower Upper

82 100

128 41.7 33.3 49.9

54 50.0 39.8 59.8



#24

Nitrobenzene

Concen: 39.307 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

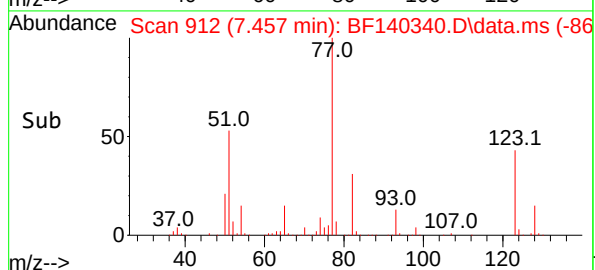
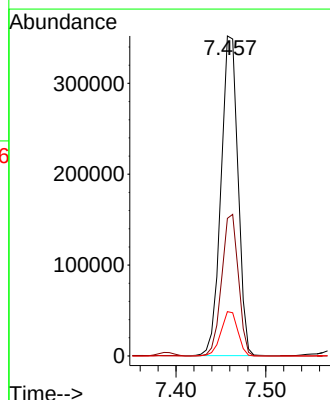
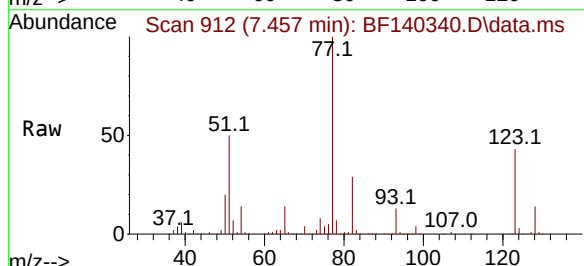
Tgt Ion: 77 Resp: 462701

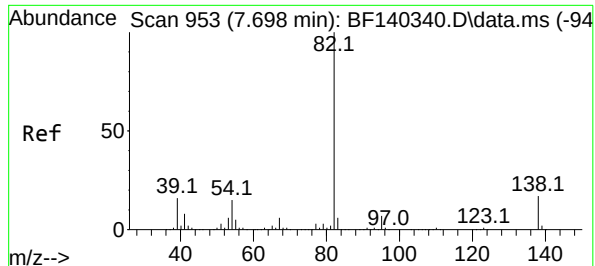
Ion Ratio Lower Upper

77 100

123 43.0 35.4 53.0

65 13.8 11.1 16.7

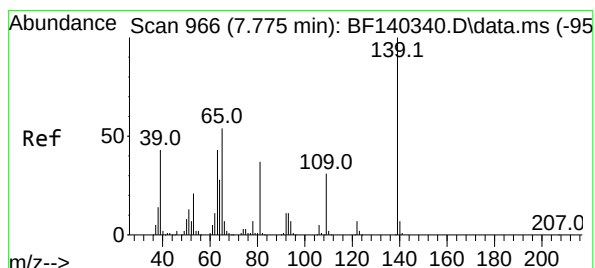
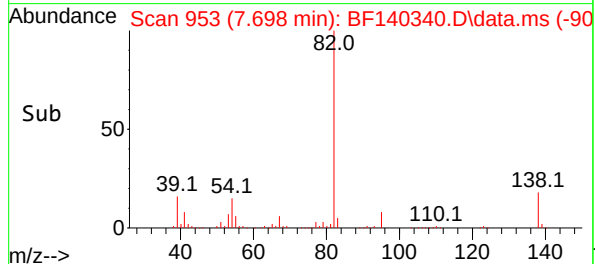
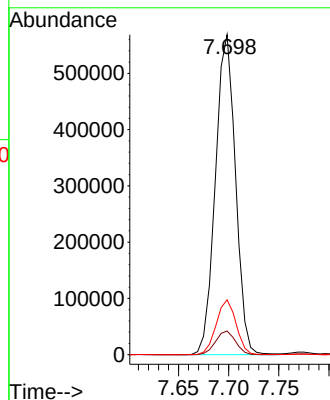
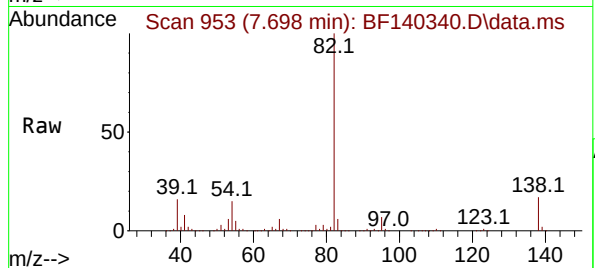




#25
Isophorone
Concen: 39.616 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

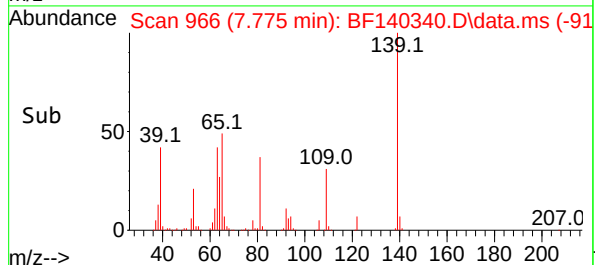
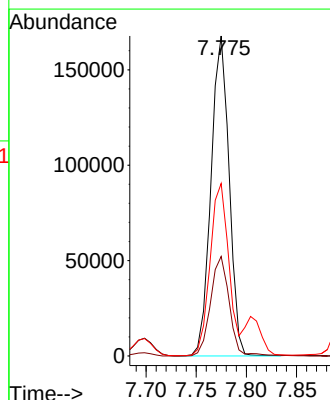
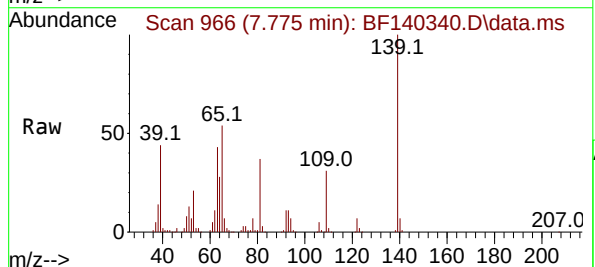
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

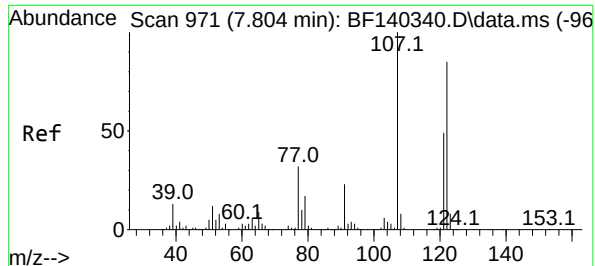
Tgt Ion: 82 Resp: 793806
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.2 13.4 20.2



#26
2-Nitrophenol
Concen: 40.366 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion: 139 Resp: 210859
Ion Ratio Lower Upper
139 100
109 31.1 24.4 36.6
65 53.9 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 39.222 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

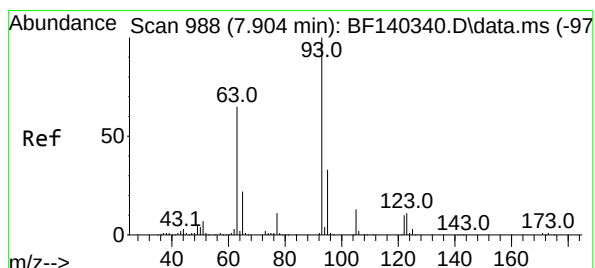
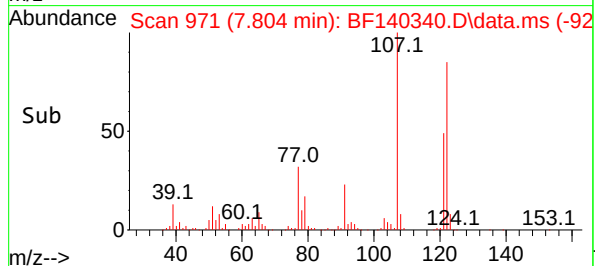
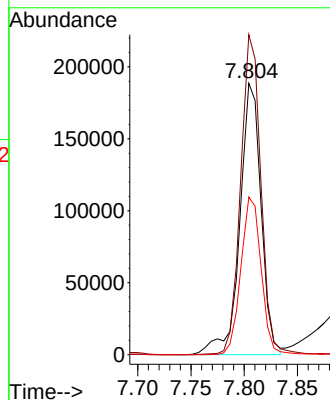
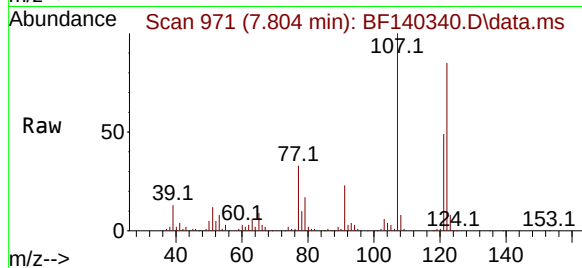
Tgt Ion:122 Resp: 262308

Ion Ratio Lower Upper

122 100

107 117.9 91.3 136.9

121 58.1 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.027 ng

RT: 7.904 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

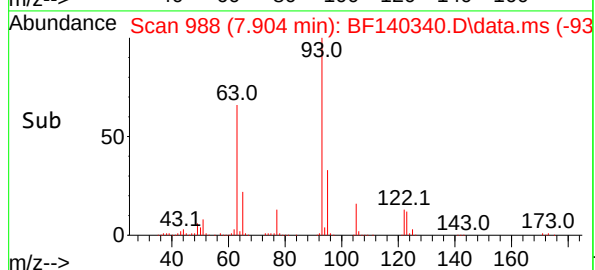
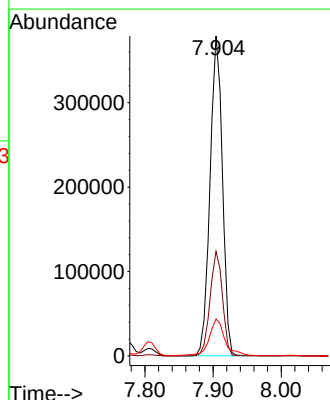
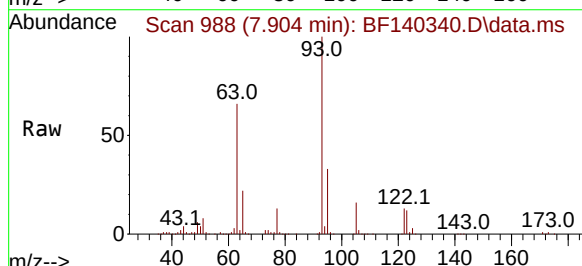
Tgt Ion: 93 Resp: 479505

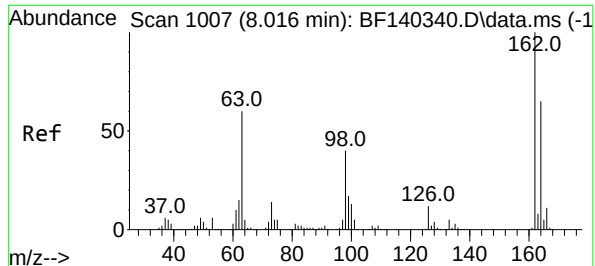
Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.193 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

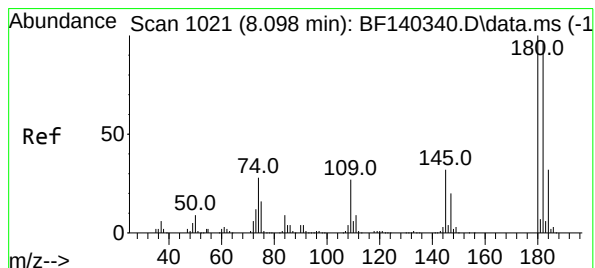
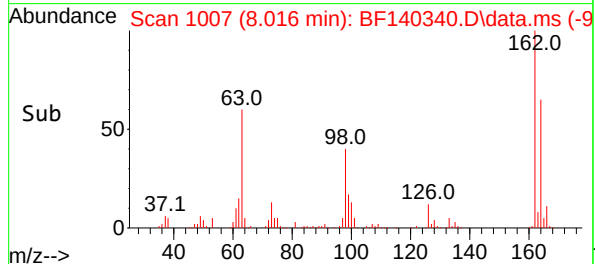
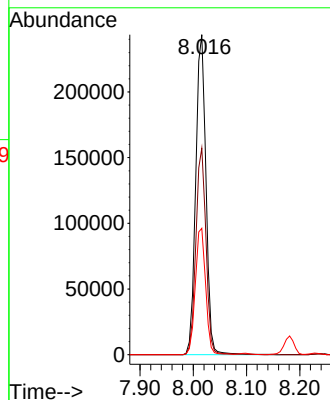
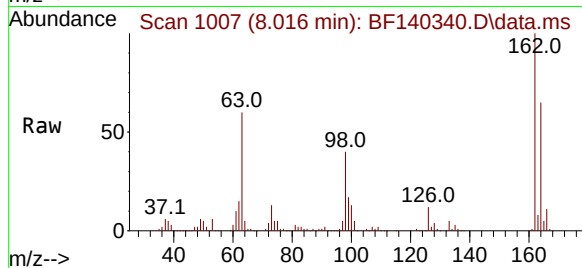
Tgt Ion:162 Resp: 323936

Ion Ratio Lower Upper

162 100

164 64.6 45.4 85.4

98 39.5 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 38.619 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

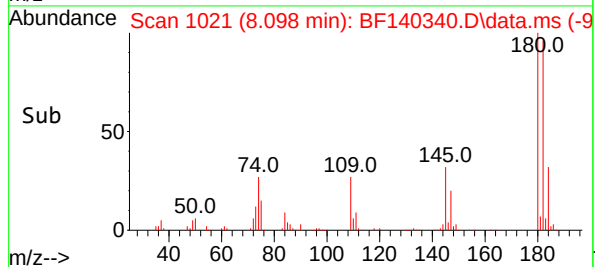
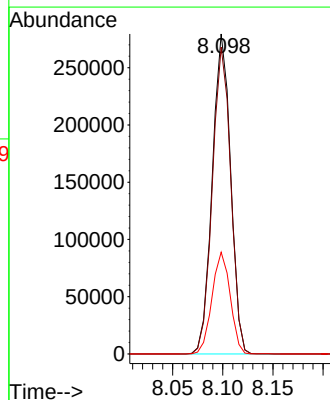
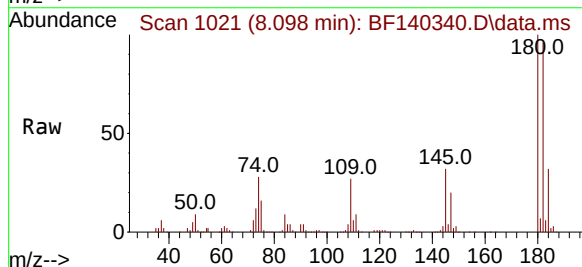
Tgt Ion:180 Resp: 355366

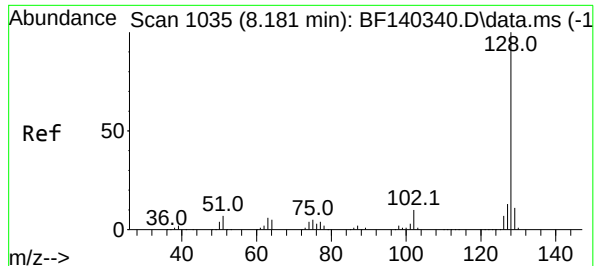
Ion Ratio Lower Upper

180 100

182 95.9 76.5 114.7

145 31.8 25.3 37.9

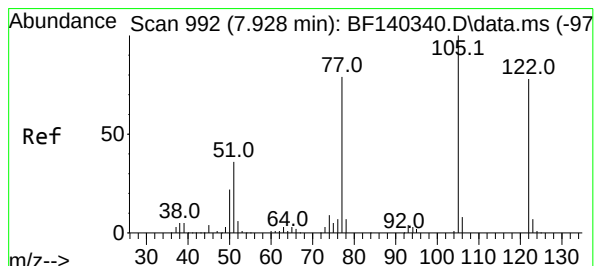
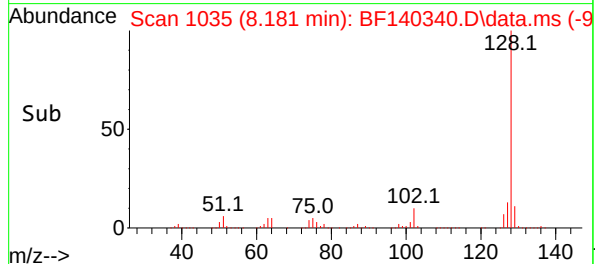
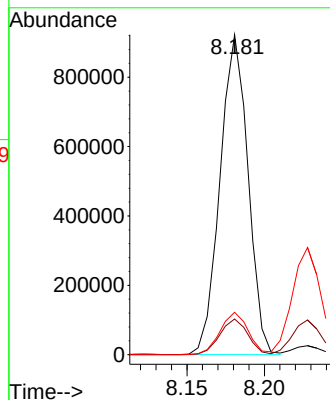
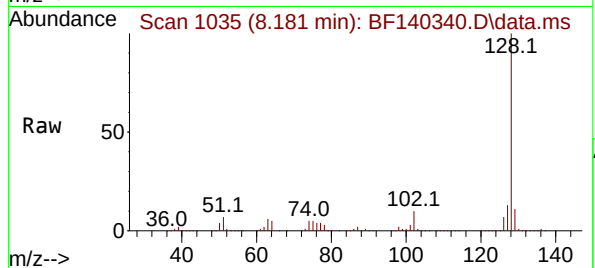




#31
Naphthalene
Concen: 38.723 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

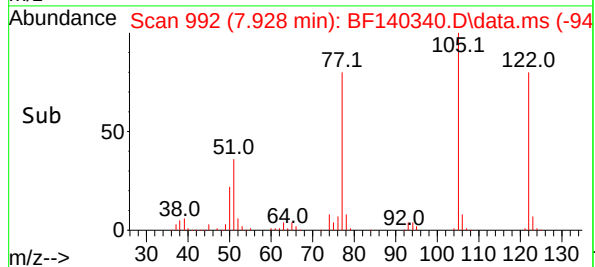
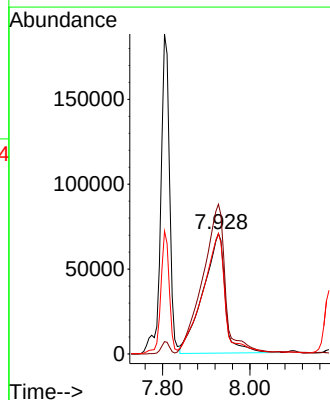
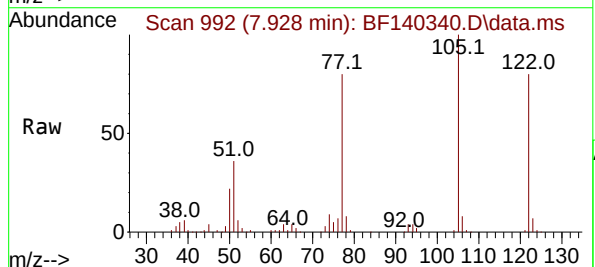
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

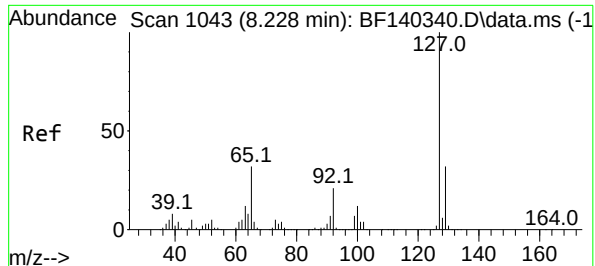
Tgt Ion:128 Resp: 1157149
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 42.449 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:122 Resp: 249383
Ion Ratio Lower Upper
122 100
105 124.5 100.9 140.9
77 100.1 76.0 116.0





#33

4-Chloroaniline

Concen: 38.516 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 400271

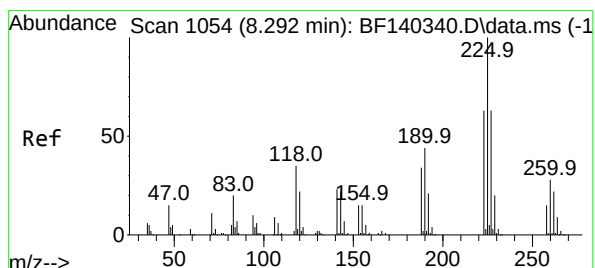
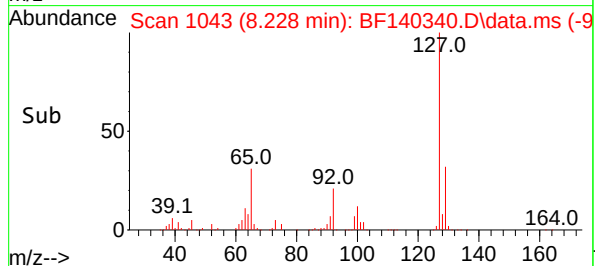
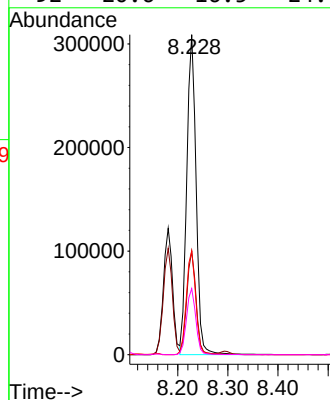
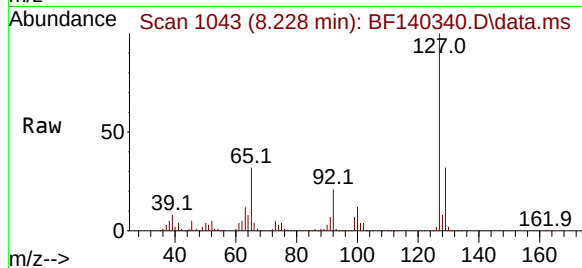
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.4

65 32.5 25.8 38.6

92 20.6 16.5 24.7



#34

Hexachlorobutadiene

Concen: 38.855 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

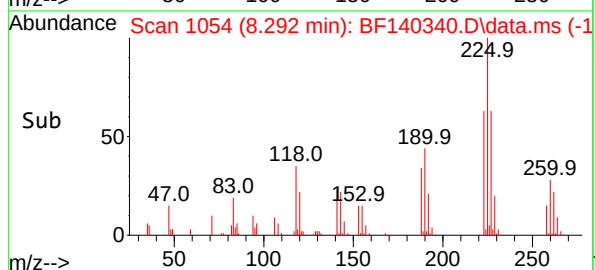
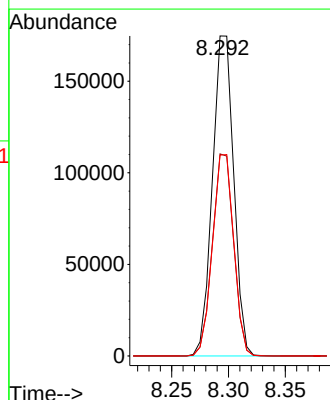
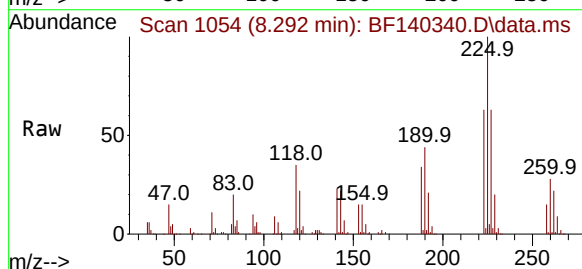
Tgt Ion:225 Resp: 227805

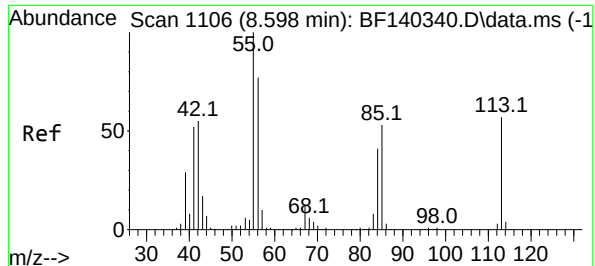
Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

227 62.8 51.3 76.9





#35

Caprolactam

Concen: 38.943 ng

RT: 8.598 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

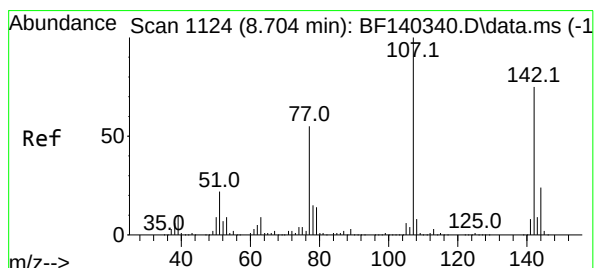
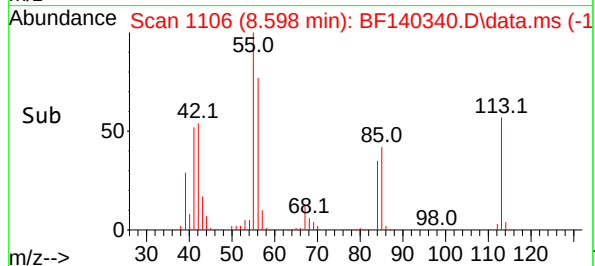
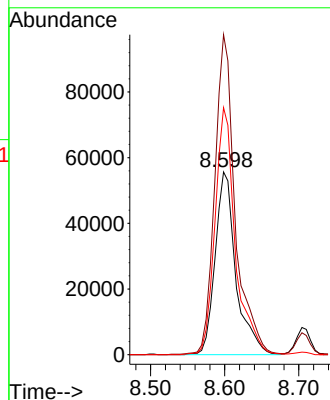
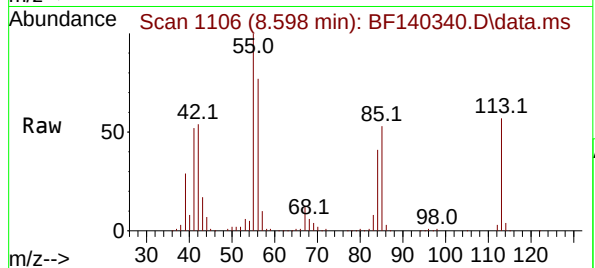
Tgt Ion:113 Resp: 108216

Ion Ratio Lower Upper

113 100

55 175.2 150.0 190.0

56 135.2 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 39.766 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

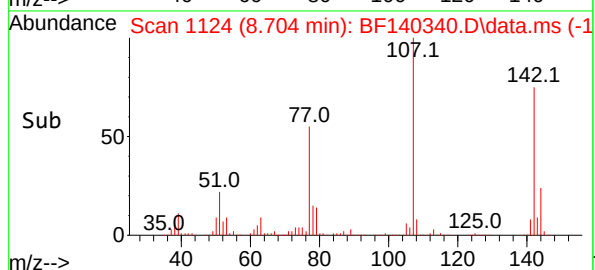
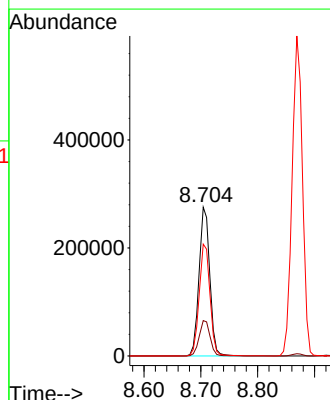
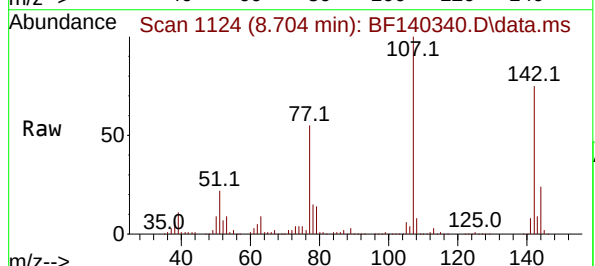
Tgt Ion:107 Resp: 364230

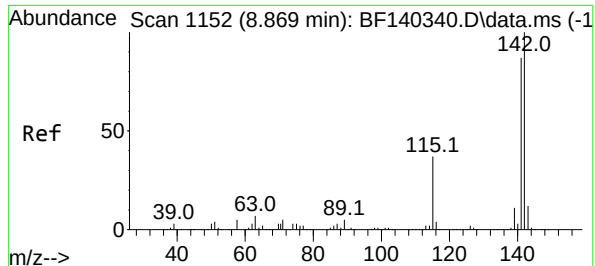
Ion Ratio Lower Upper

107 100

144 23.8 19.3 28.9

142 75.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 38.839 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

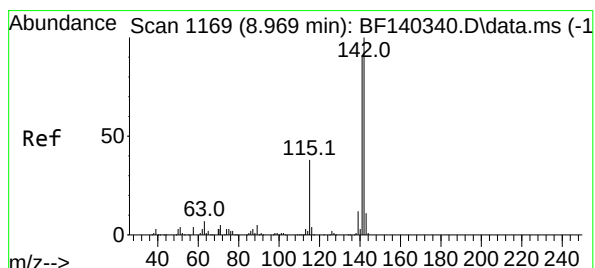
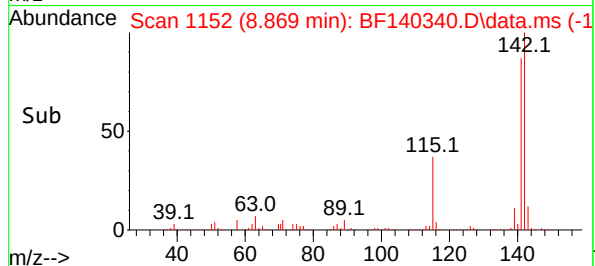
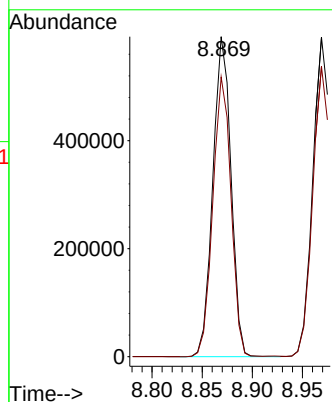
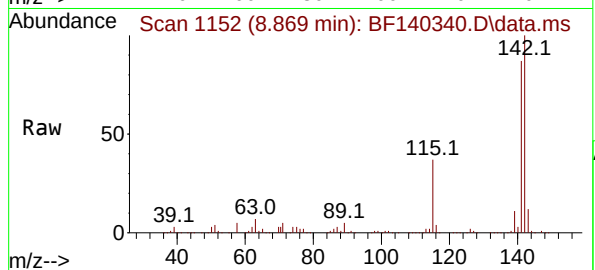
SSTDICCC040

Tgt Ion:142 Resp: 744201

Ion Ratio Lower Upper

142 100

141 87.4 70.4 105.6



#38

1-Methylnaphthalene

Concen: 39.267 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140340.D

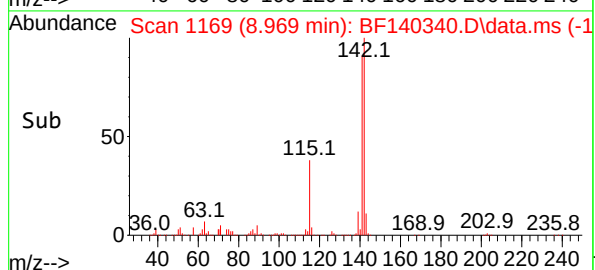
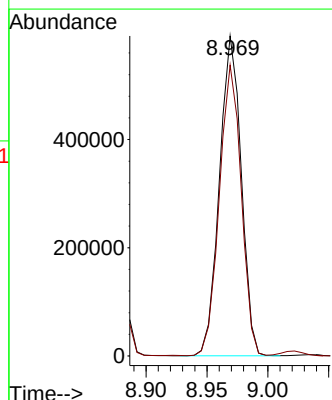
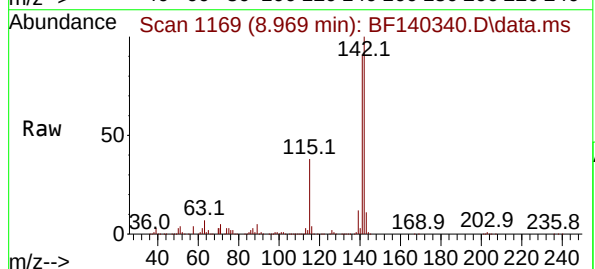
Acq: 13 Nov 2024 12:48

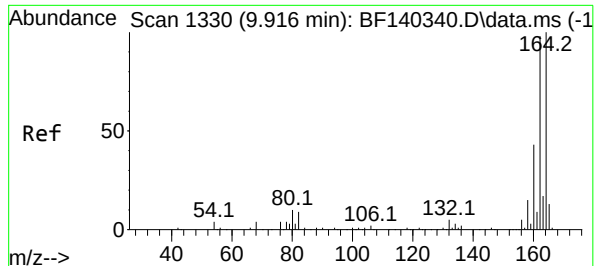
Tgt Ion:142 Resp: 736798

Ion Ratio Lower Upper

142 100

141 90.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

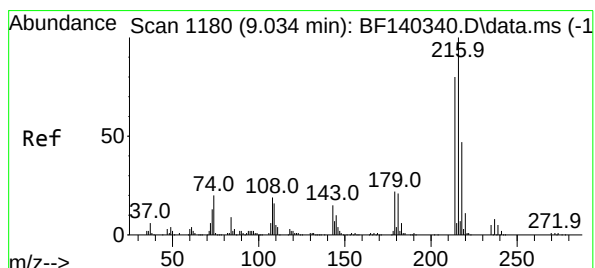
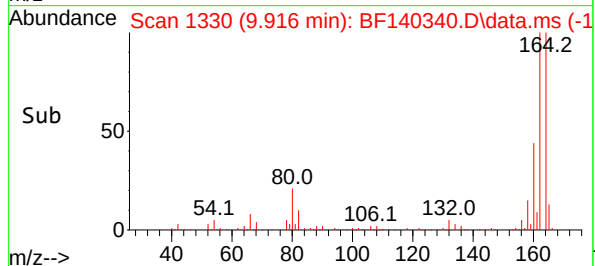
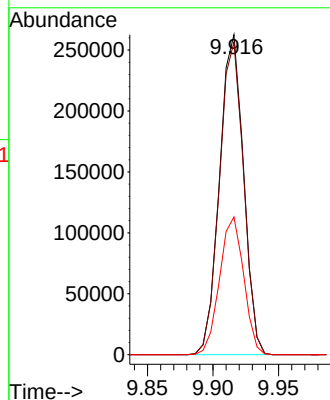
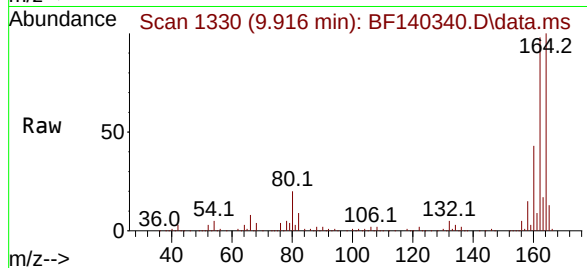
Tgt Ion:164 Resp: 334544

Ion Ratio Lower Upper

164 100

162 97.7 79.8 119.8

160 43.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.371 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Tgt Ion:216 Resp: 354978

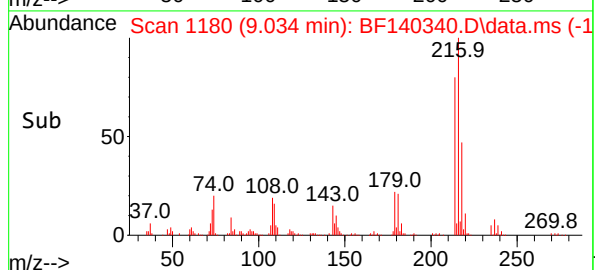
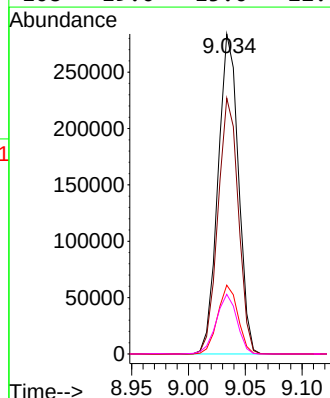
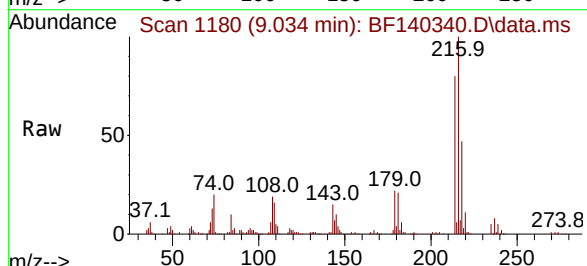
Ion Ratio Lower Upper

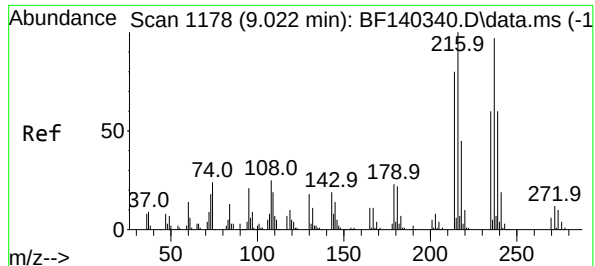
216 100

214 79.6 63.2 94.8

179 21.2 17.2 25.8

108 19.0 15.0 22.4

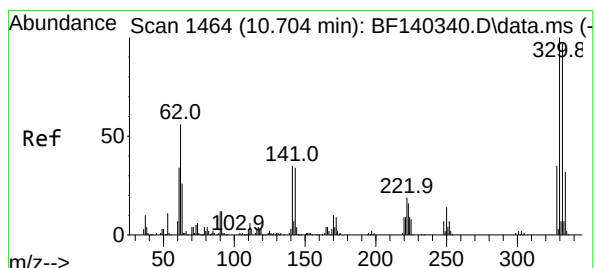
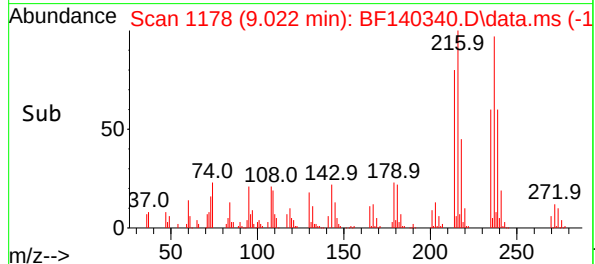
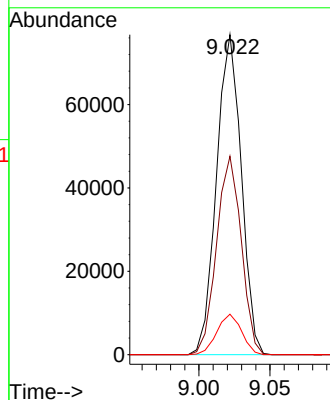
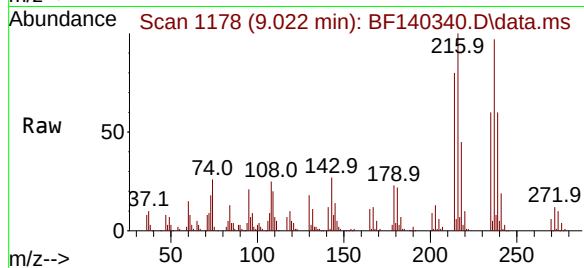




#41
Hexachlorocyclopentadiene
Concen: 39.207 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

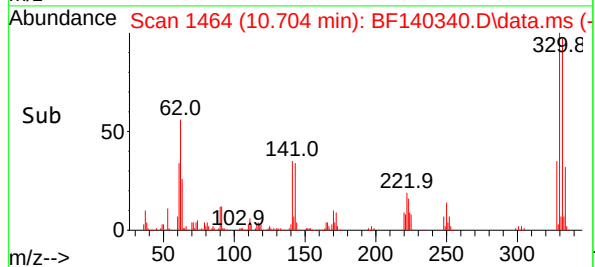
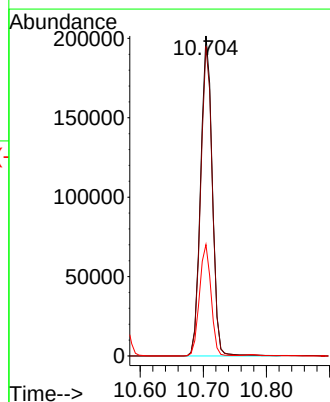
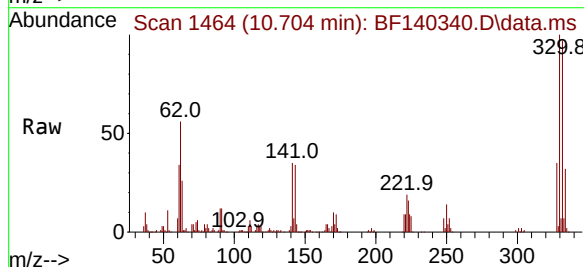
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

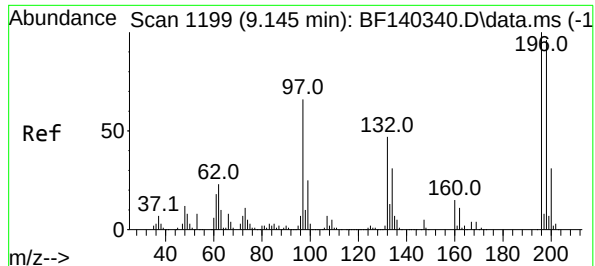
Tgt Ion:	237	Resp:	93127
Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.8	82.8
272	12.7	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 77.449 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:	330	Resp:	257655
Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.9	113.9
141	34.6	26.9	40.3





#43

2,4,6-Trichlorophenol

Concen: 39.666 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

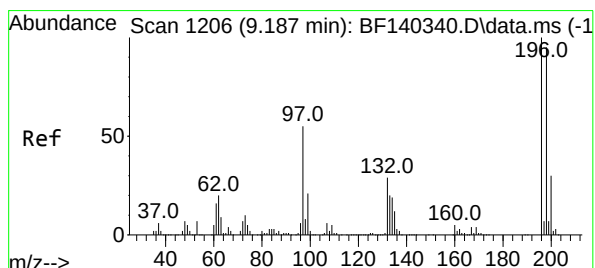
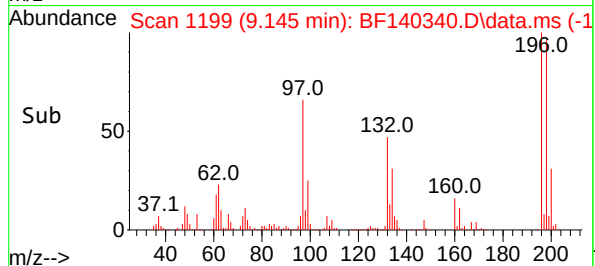
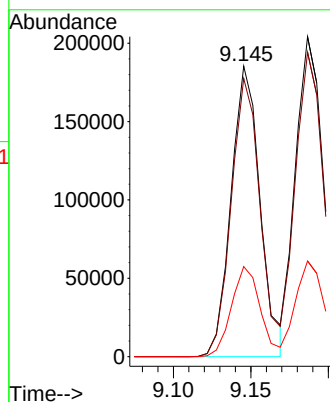
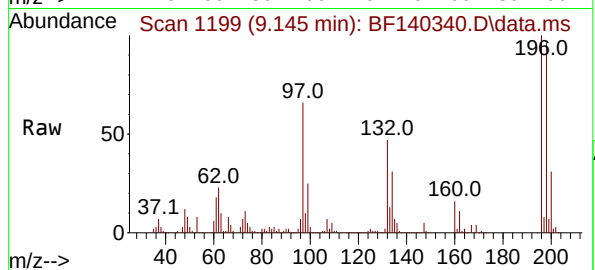
Tgt Ion:196 Resp: 240824

Ion Ratio Lower Upper

196 100

198 95.8 77.0 115.4

200 31.0 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 39.190 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Tgt Ion:196 Resp: 260135

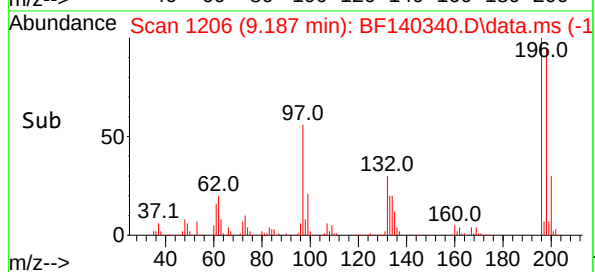
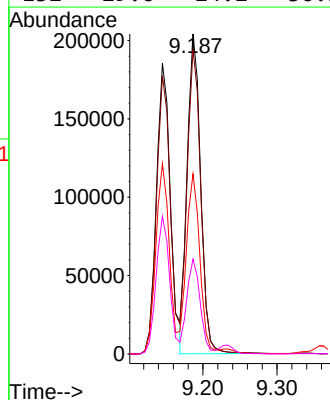
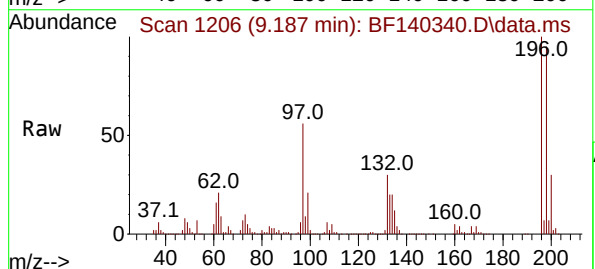
Ion Ratio Lower Upper

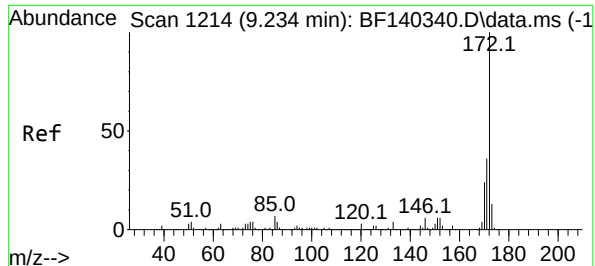
196 100

198 95.1 77.6 116.4

97 56.2 45.4 68.2

132 29.6 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 75.369 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

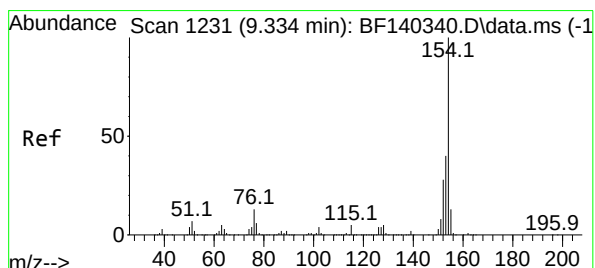
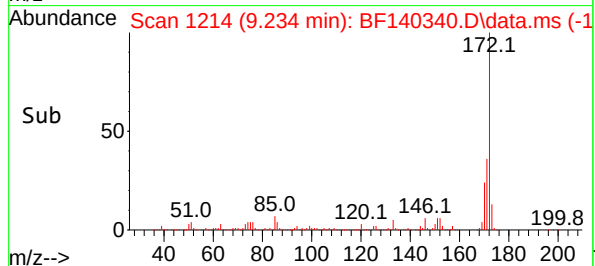
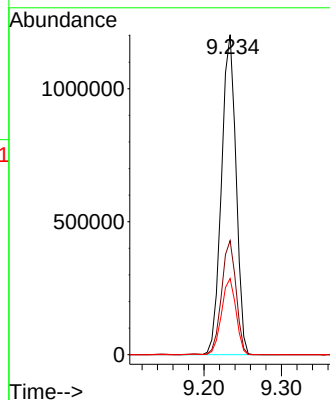
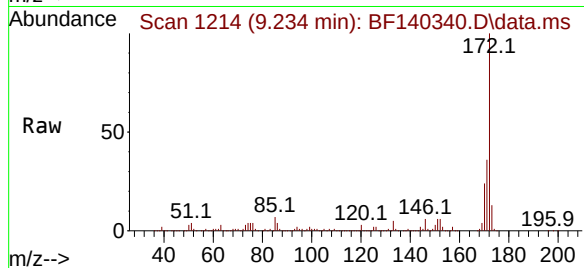
Tgt Ion:172 Resp: 1568502

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 38.605 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

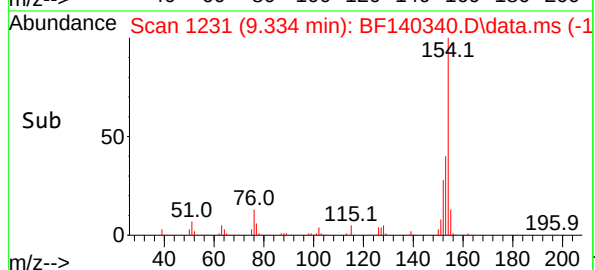
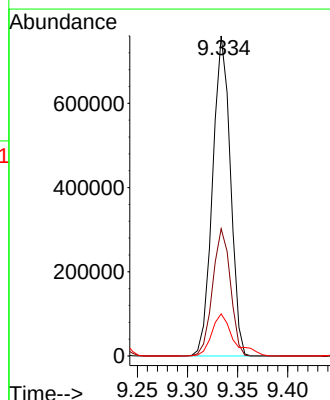
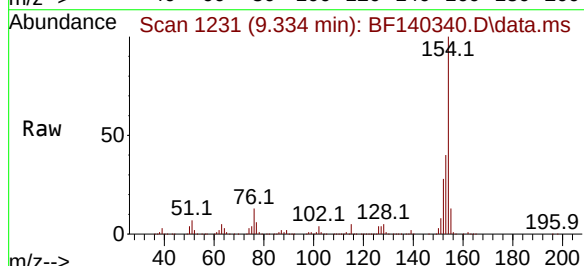
Tgt Ion:154 Resp: 939571

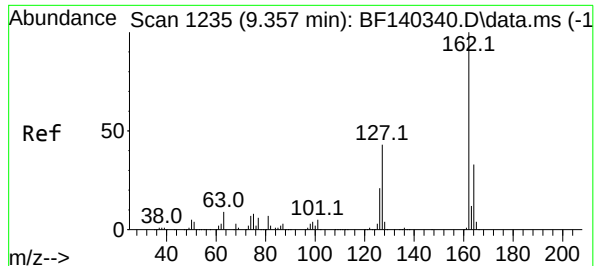
Ion Ratio Lower Upper

154 100

153 39.7 20.4 60.4

76 13.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 38.453 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

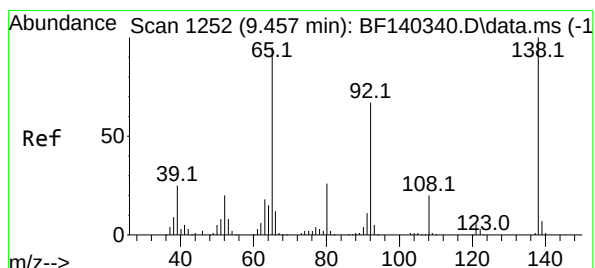
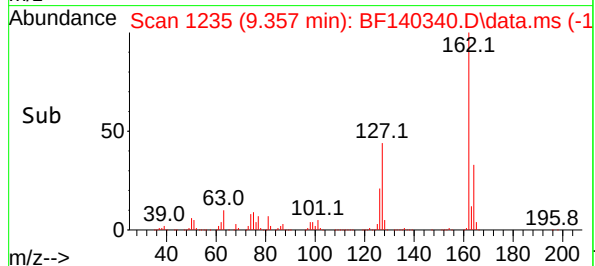
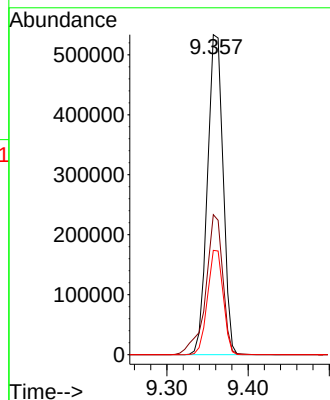
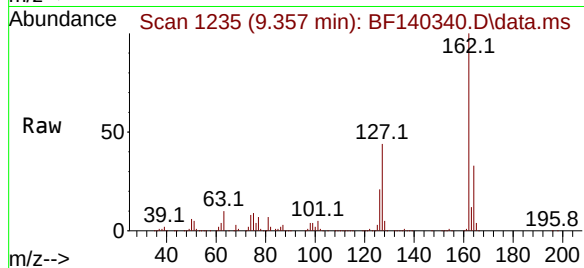
Tgt Ion:162 Resp: 712904

Ion Ratio Lower Upper

162 100

127 43.7 34.0 51.0

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 39.621 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

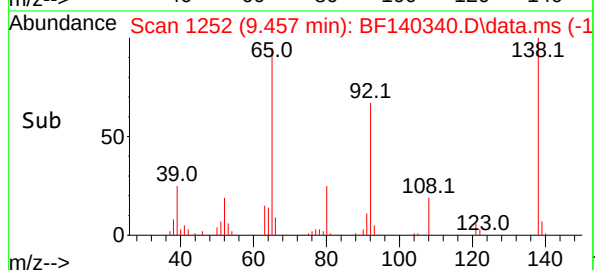
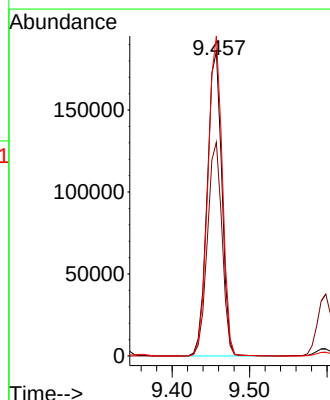
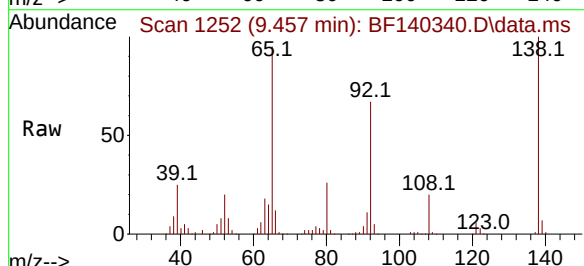
Tgt Ion: 65 Resp: 243614

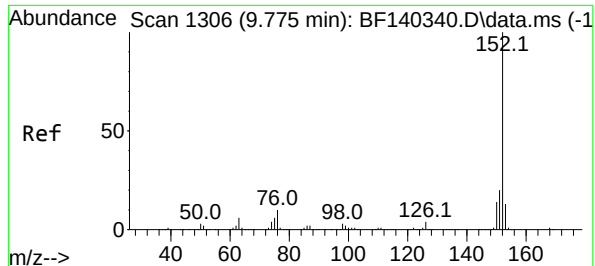
Ion Ratio Lower Upper

65 100

92 70.2 56.4 84.6

138 105.1 84.8 127.2





#49

Acenaphthylene

Concen: 39.012 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

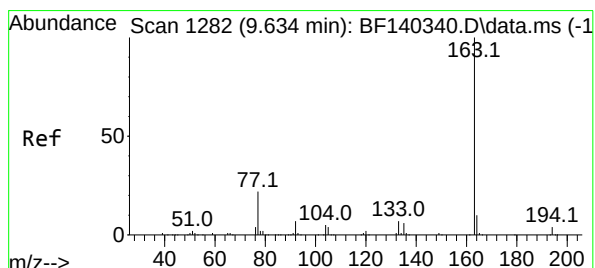
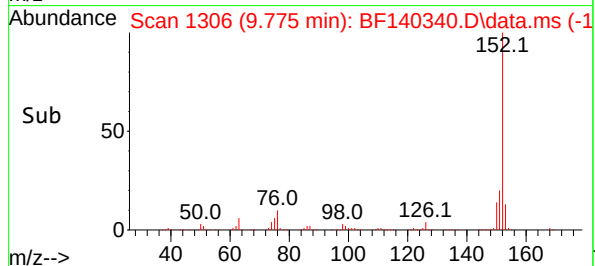
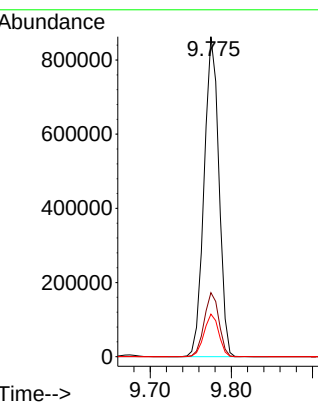
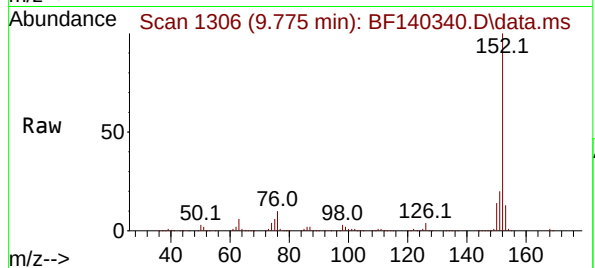
Tgt Ion:152 Resp: 1094318

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 38.694 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

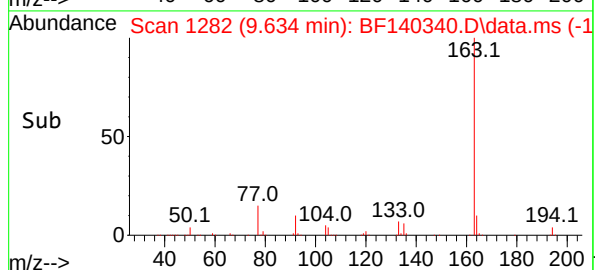
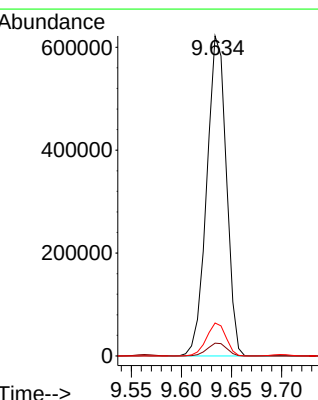
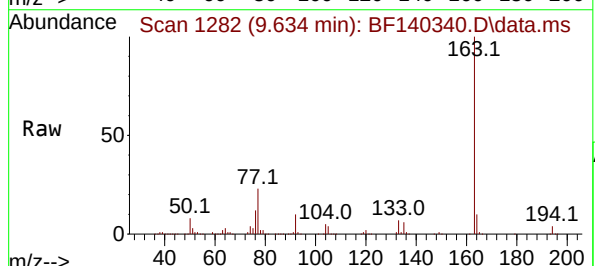
Tgt Ion:163 Resp: 843750

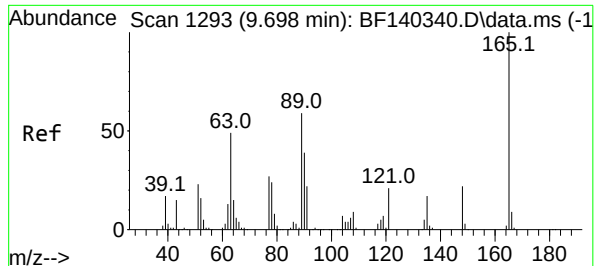
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 40.024 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

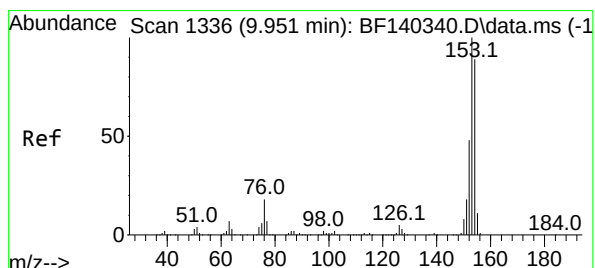
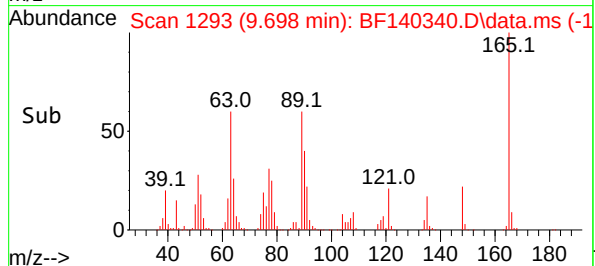
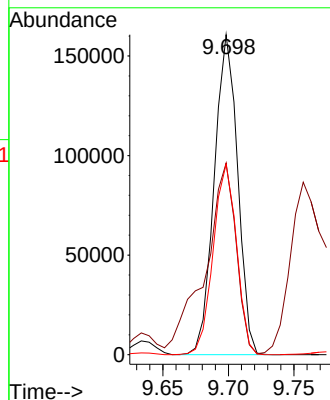
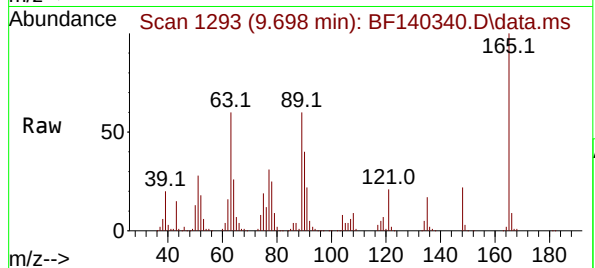
Tgt Ion:165 Resp: 198967

Ion Ratio Lower Upper

165 100

63 59.9 47.6 71.4

89 59.5 48.1 72.1



#52

Acenaphthene

Concen: 38.711 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

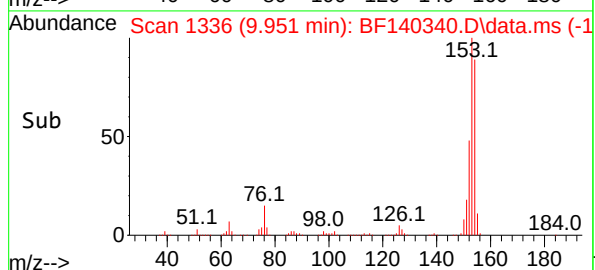
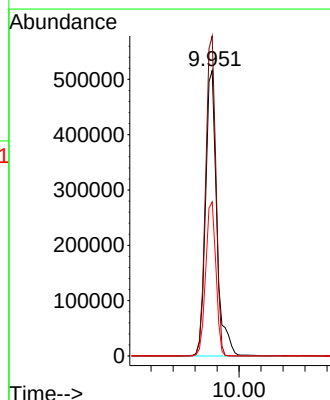
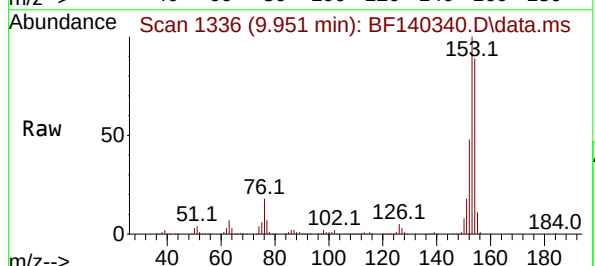
Tgt Ion:154 Resp: 733408

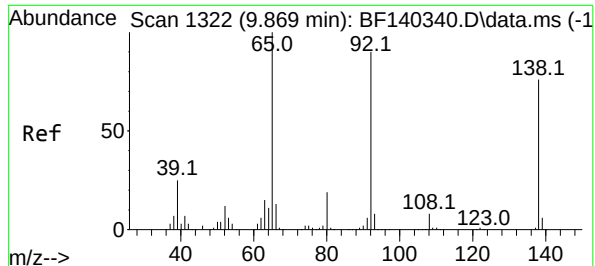
Ion Ratio Lower Upper

154 100

153 112.1 89.8 134.8

152 54.0 42.6 64.0

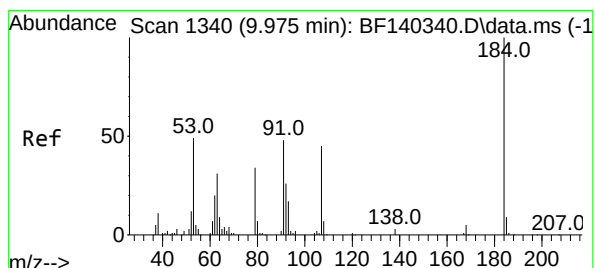
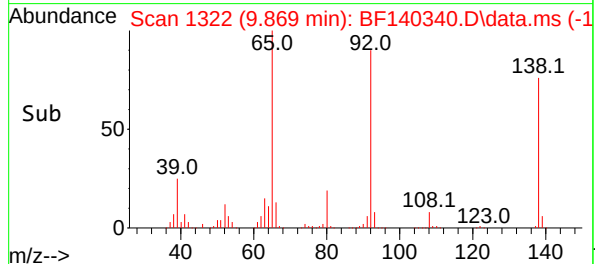
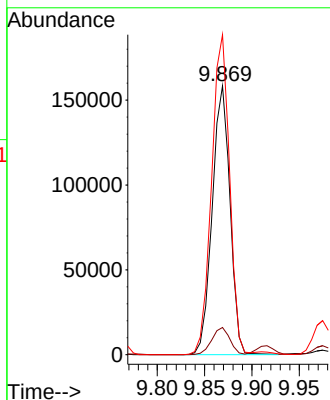
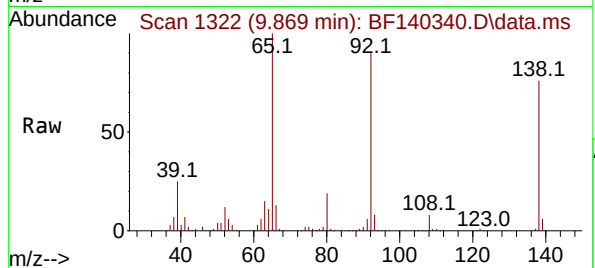




#53
3-Nitroaniline
Concen: 39.755 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

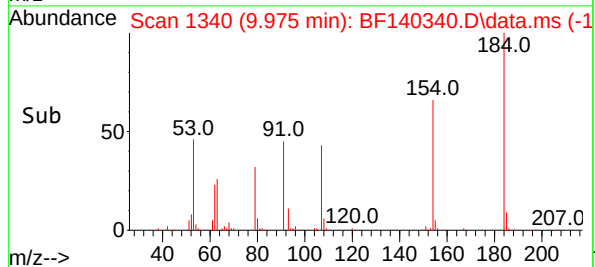
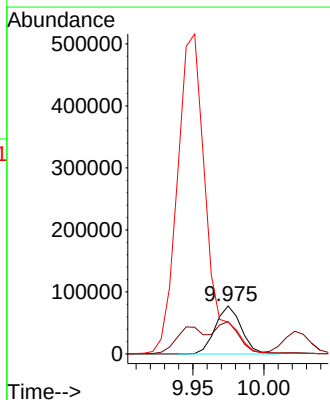
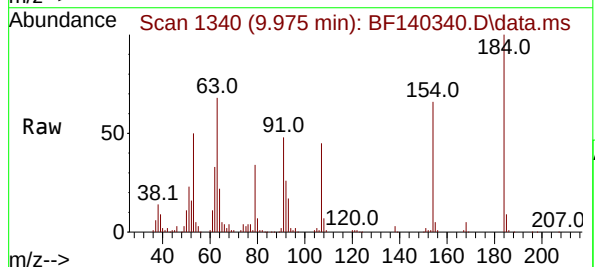
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

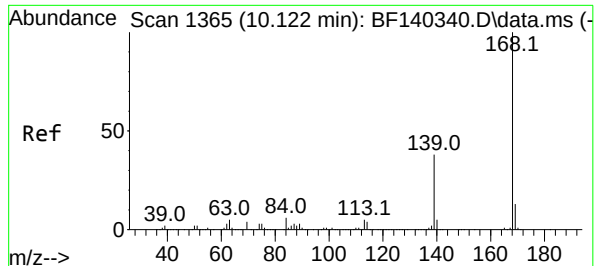
Tgt Ion:138 Resp: 207550
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 119.1 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 38.441 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:184 Resp: 98545
Ion Ratio Lower Upper
184 100
63 67.5 53.5 80.3
154 66.3 51.3 76.9





#55

Dibenzenofuran

Concen: 38.868 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

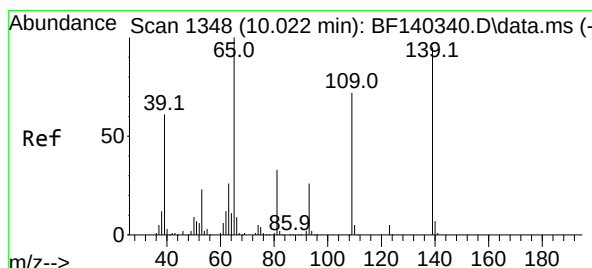
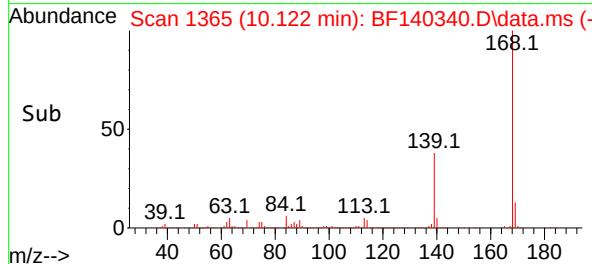
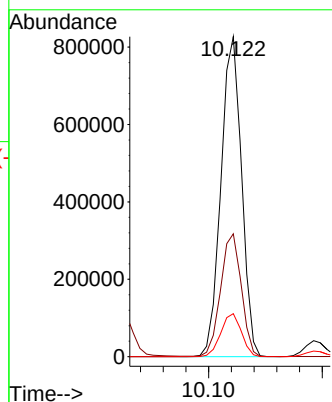
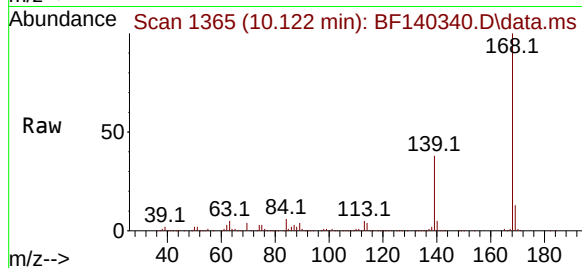
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 1042453

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.8	46.2
169	13.4	10.8	16.2



#56

4-Nitrophenol

Concen: 41.475 ng

RT: 10.022 min Scan# 1348

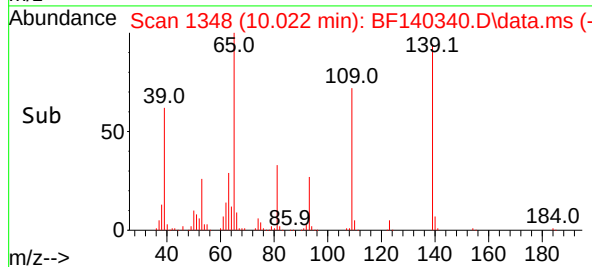
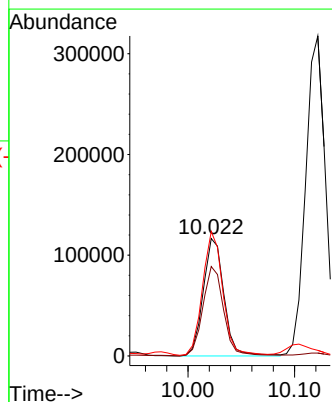
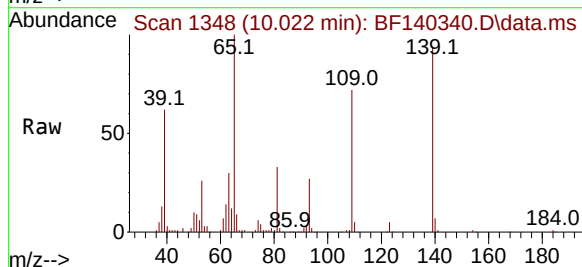
Delta R.T. 0.000 min

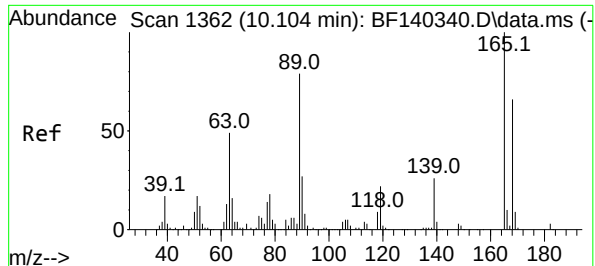
Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Tgt Ion:139 Resp: 157938

Ion	Ratio	Lower	Upper
139	100		
109	76.2	54.5	94.5
65	106.0	84.4	124.4

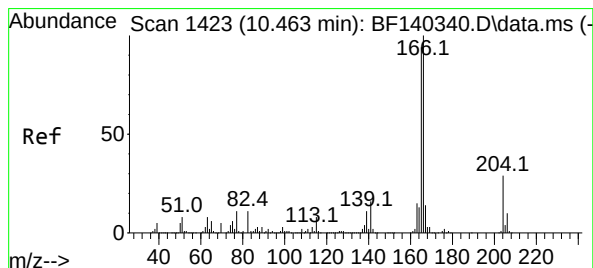
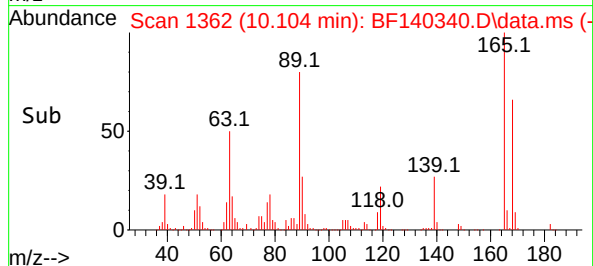
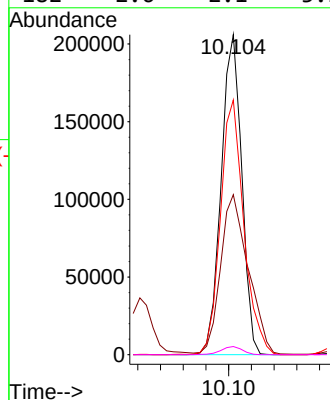
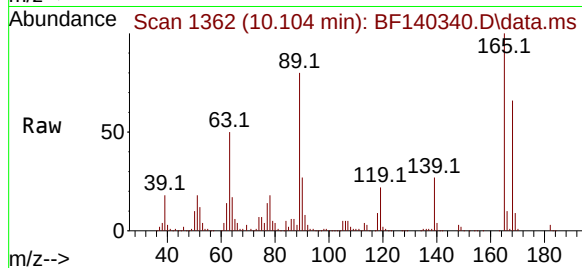




#57
2,4-Dinitrotoluene
Concen: 39.569 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

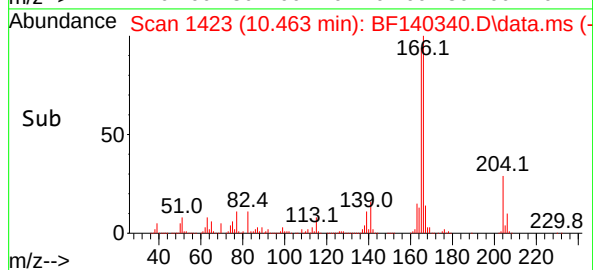
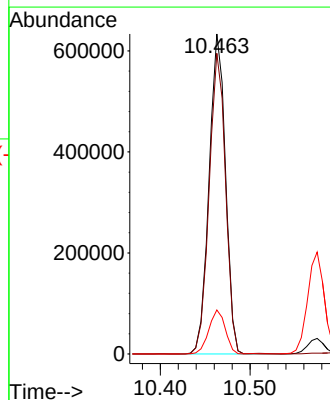
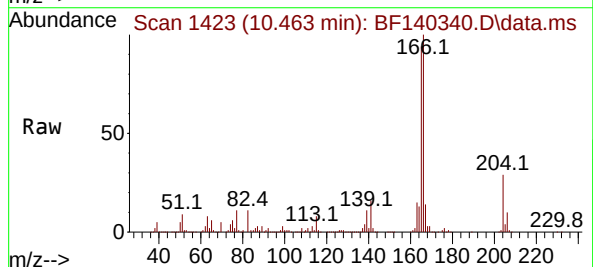
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

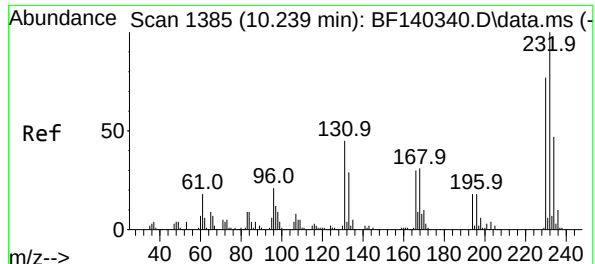
Tgt Ion:165 Resp: 258886
Ion Ratio Lower Upper
165 100
63 50.0 39.4 59.0
89 79.6 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 37.951 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:166 Resp: 804084
Ion Ratio Lower Upper
166 100
165 94.0 73.9 110.9
167 13.8 10.9 16.3

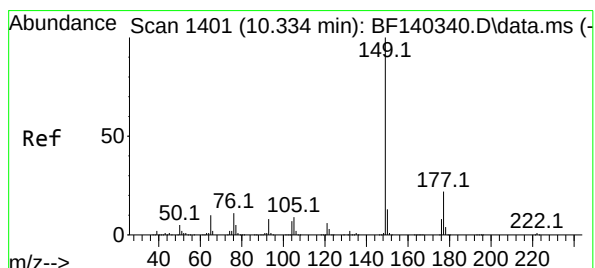
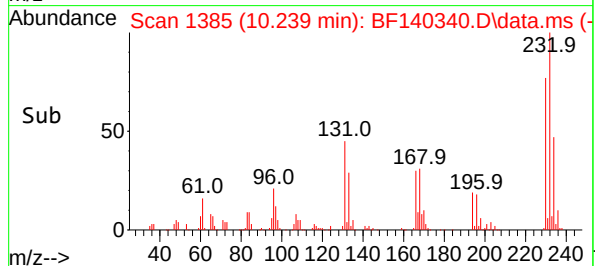
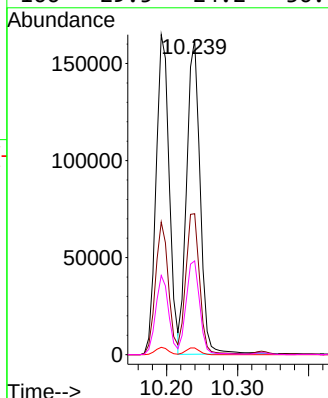
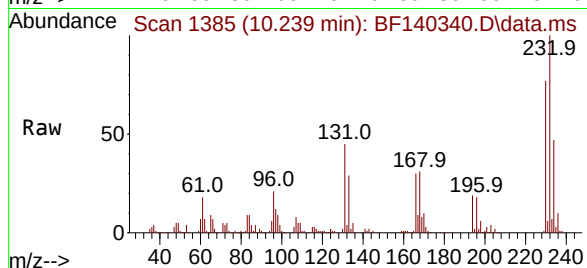




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.586 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

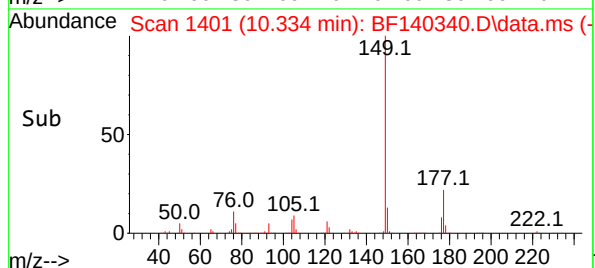
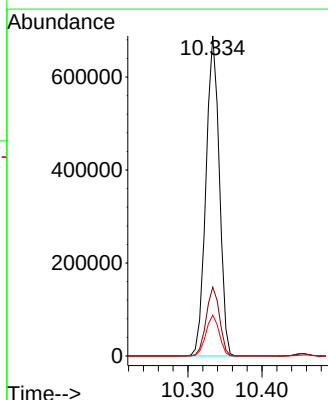
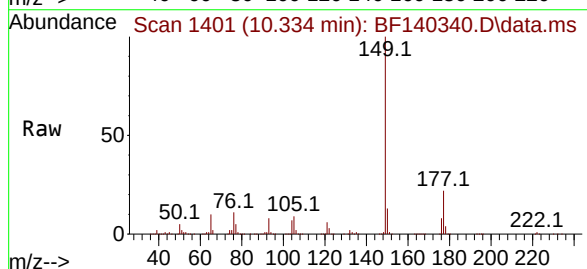
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

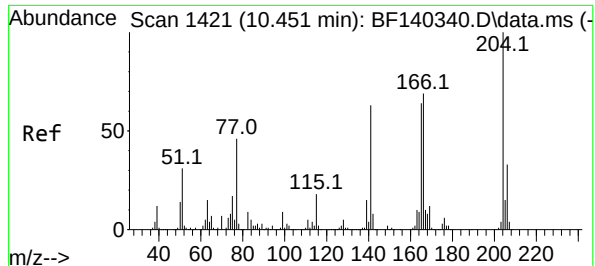
Tgt Ion:232 Resp: 212533
Ion Ratio Lower Upper
232 100
131 46.1 36.8 55.2
130 2.2 1.9 2.9
166 29.5 24.2 36.4



#60
Diethylphthalate
Concen: 38.627 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:149 Resp: 861287
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.8 10.1 15.1

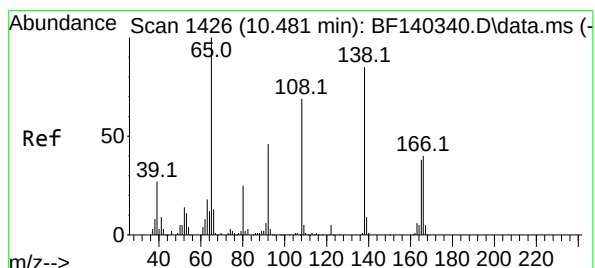
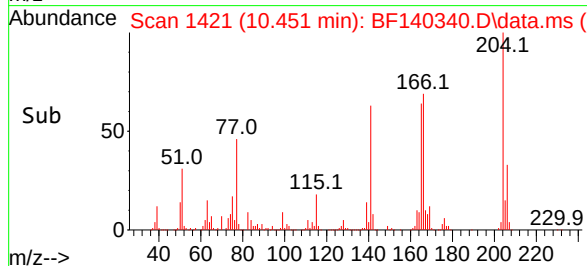
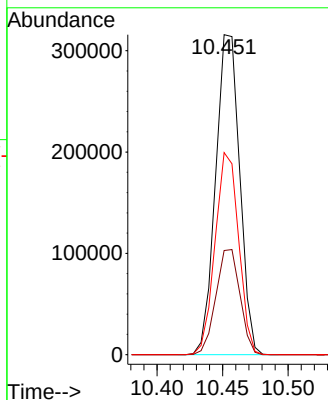
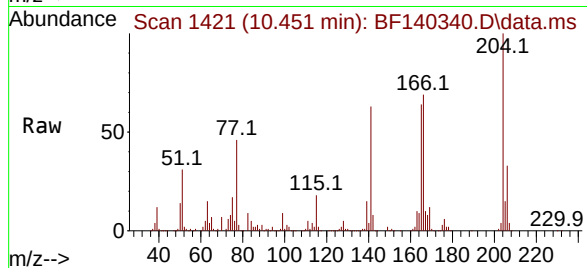




#61
4-Chlorophenyl-phenylether
Concen: 38.614 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

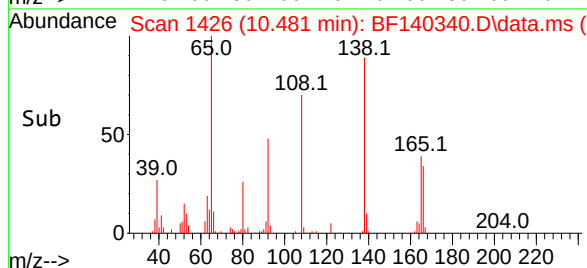
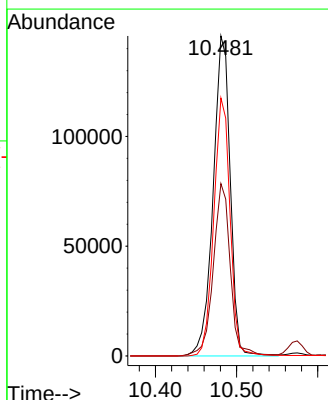
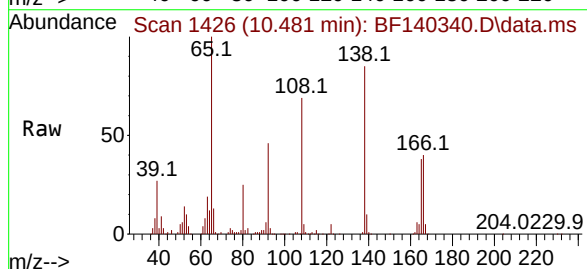
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

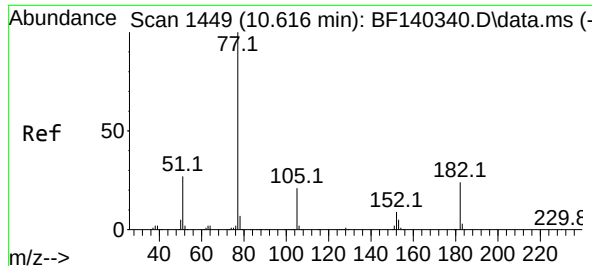
Tgt Ion:204 Resp: 403914
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 63.1 49.8 74.8



#62
4-Nitroaniline
Concen: 40.022 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:138 Resp: 213640
Ion Ratio Lower Upper
138 100
92 53.8 33.8 73.8
108 80.6 59.9 99.9

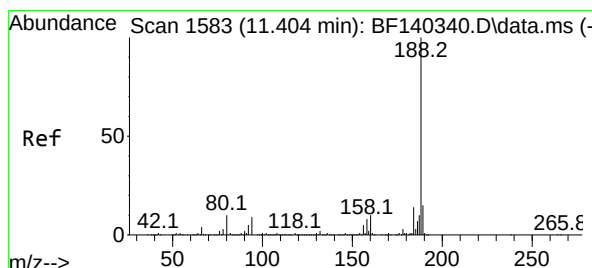
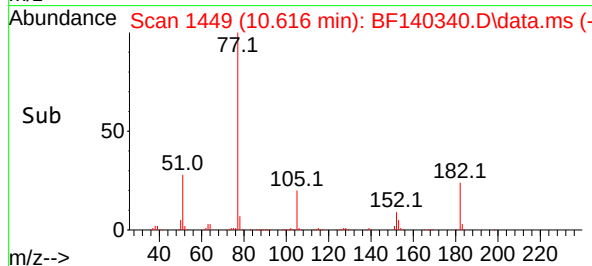
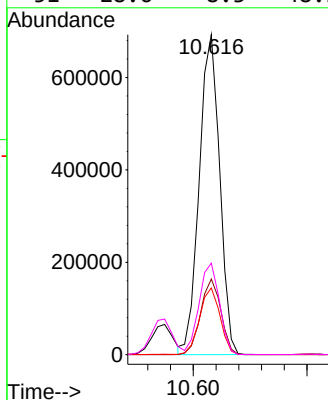
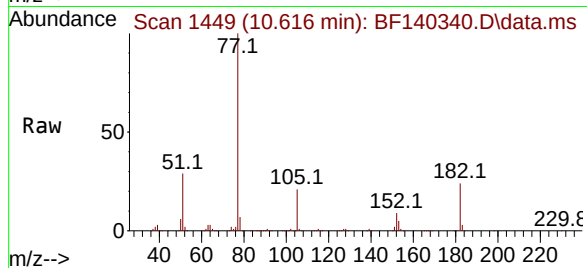




#63
Azobenzene
Concen: 39.263 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

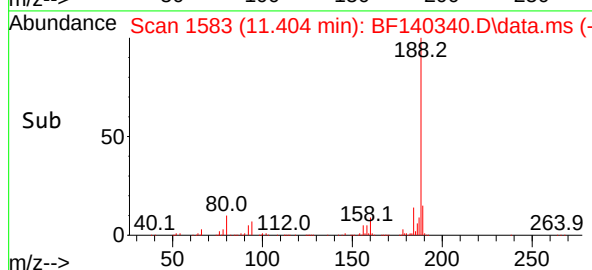
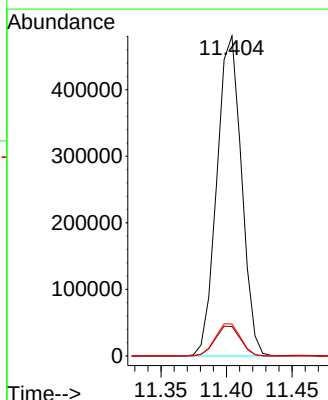
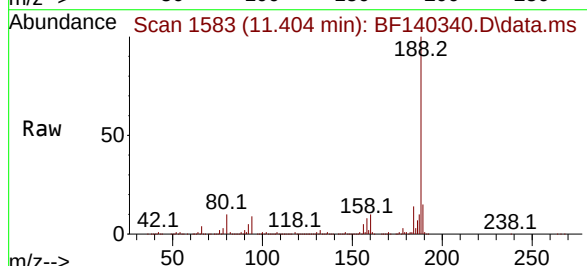
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

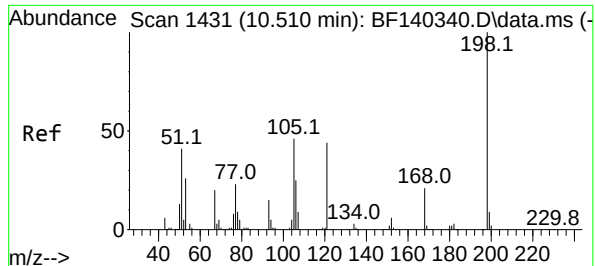
Tgt Ion:	77	Resp:	865008
Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.6	44.6
105	20.9	0.9	40.9
51	28.6	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:	188	Resp:	628587
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.6	11.4
80	10.0	8.0	12.0

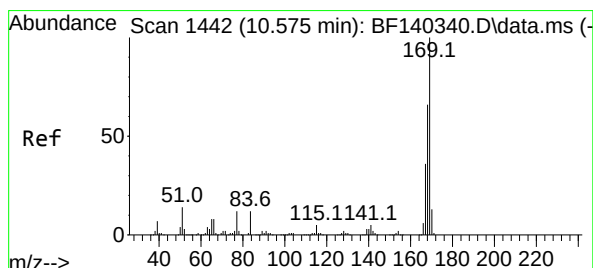
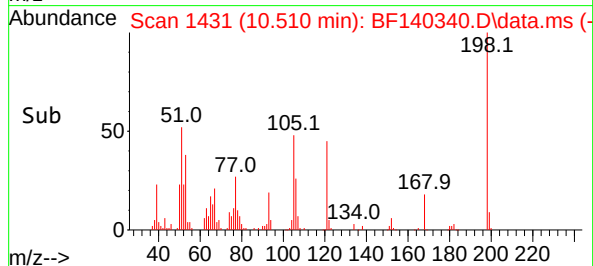
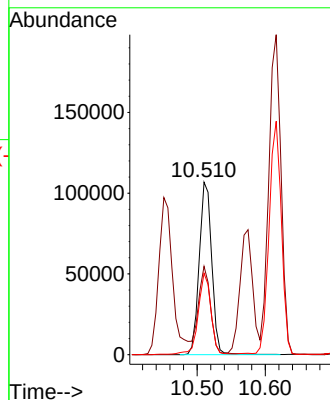
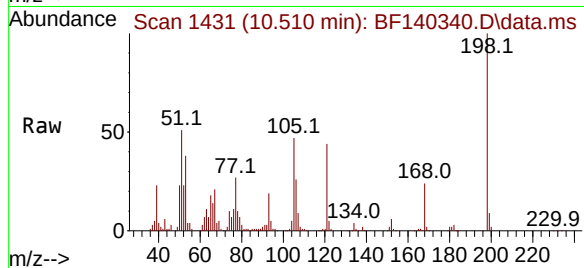




#65
4,6-Dinitro-2-methylphenol
Concen: 40.409 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

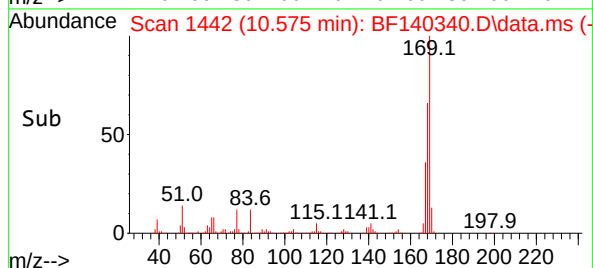
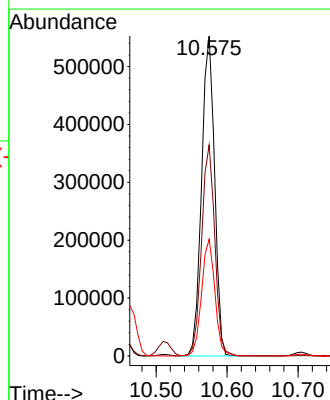
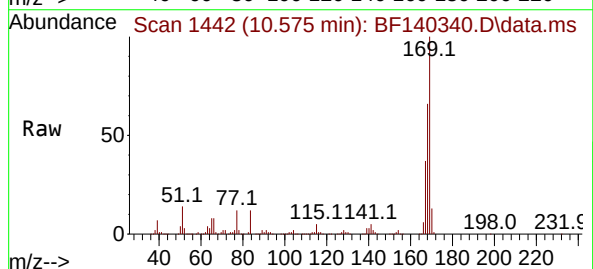
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

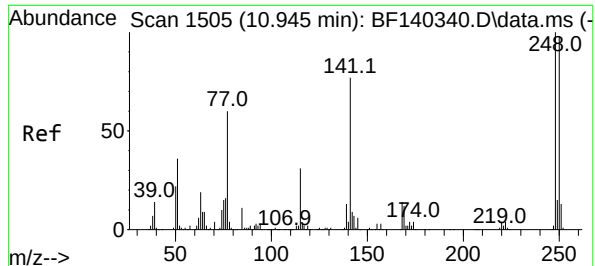
Tgt Ion:198 Resp: 136662
Ion Ratio Lower Upper
198 100
51 51.2 29.7 69.7
105 47.2 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 38.723 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:169 Resp: 703286
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 36.5 29.3 43.9

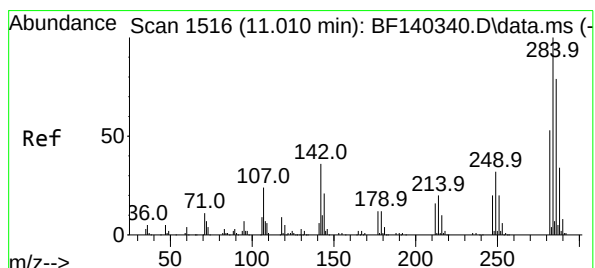
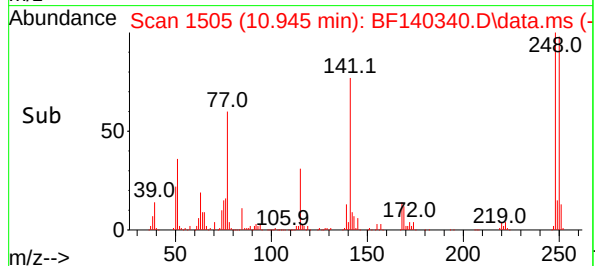
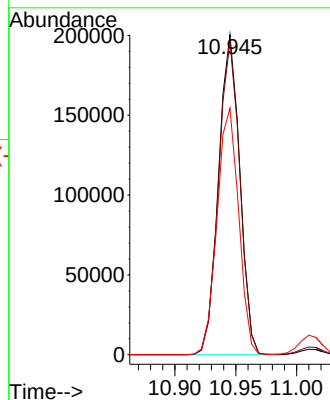
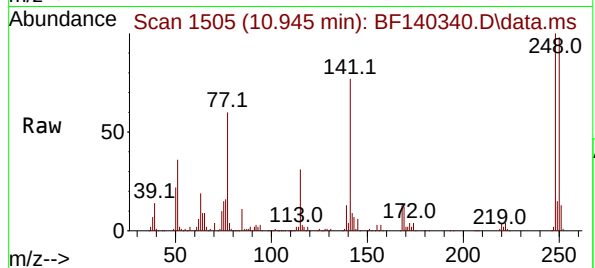




#67
4-Bromophenyl-phenylether
Concen: 38.789 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

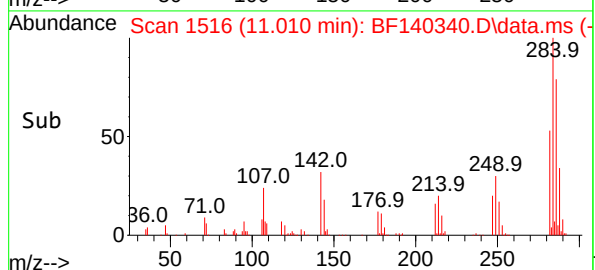
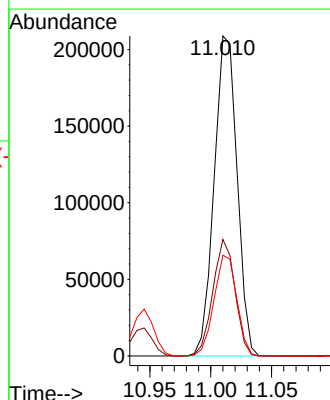
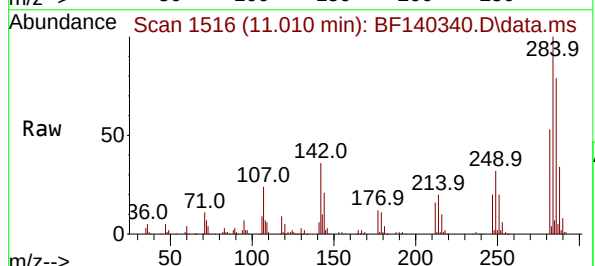
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

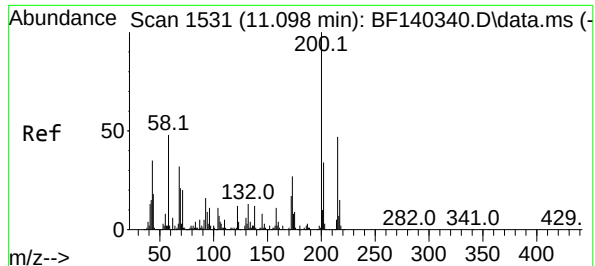
Tgt Ion:248 Resp: 243728
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 77.1 61.8 92.6



#68
Hexachlorobenzene
Concen: 38.734 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:284 Resp: 273839
Ion Ratio Lower Upper
284 100
142 36.4 28.1 42.1
249 31.5 24.9 37.3





#69

Atrazine

Concen: 33.121 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

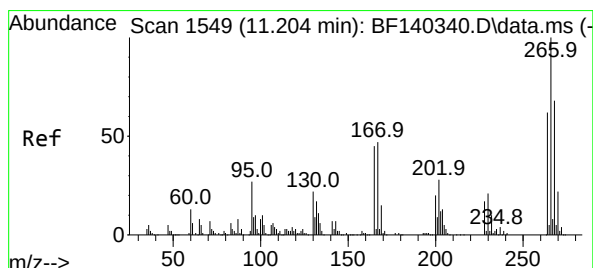
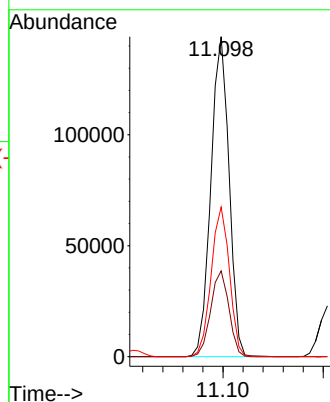
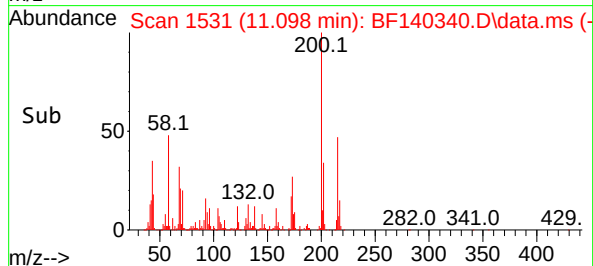
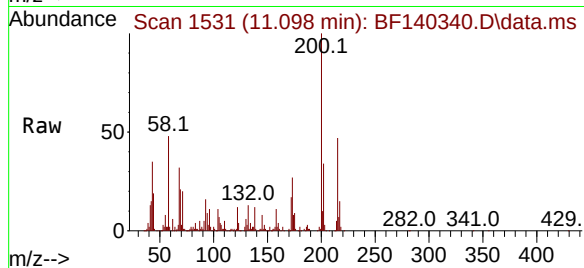
Tgt Ion:200 Resp: 181993

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

215 46.8 27.2 67.2



#70

Pentachlorophenol

Concen: 42.046 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

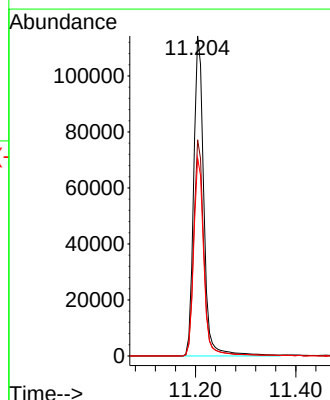
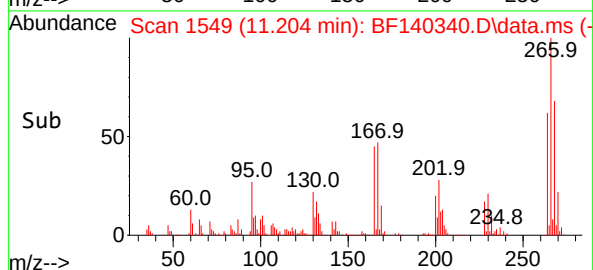
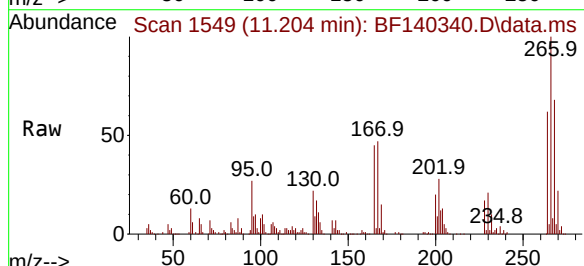
Tgt Ion:266 Resp: 160120

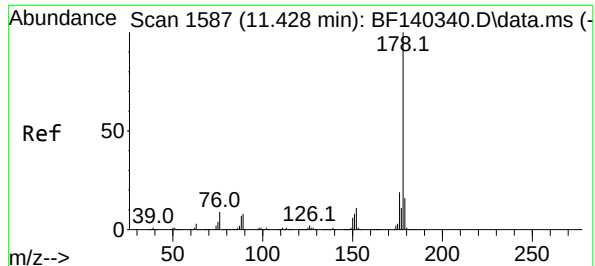
Ion Ratio Lower Upper

266 100

268 67.6 52.9 79.3

264 61.8 50.3 75.5





#71

Phenanthrene

Concen: 38.440 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

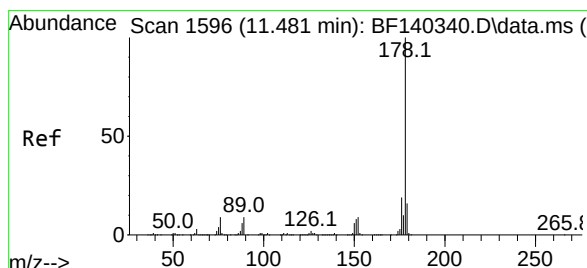
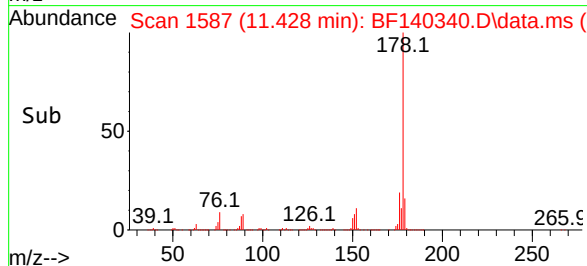
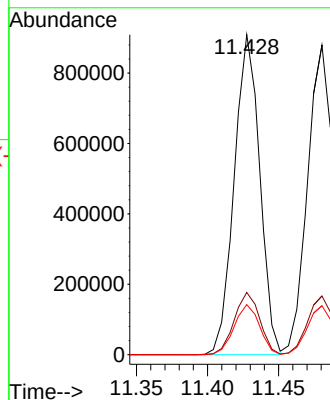
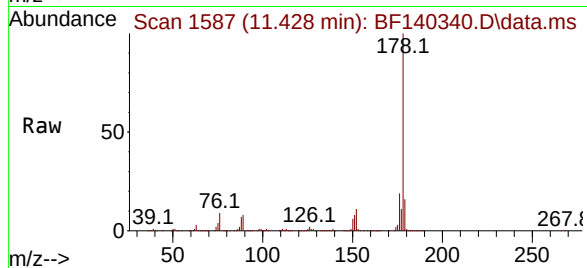
Tgt Ion:178 Resp: 1135052

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.6 12.4 18.6



#72

Anthracene

Concen: 38.613 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

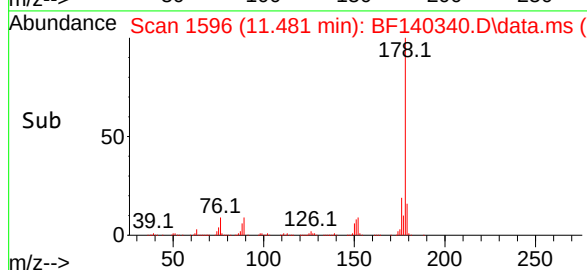
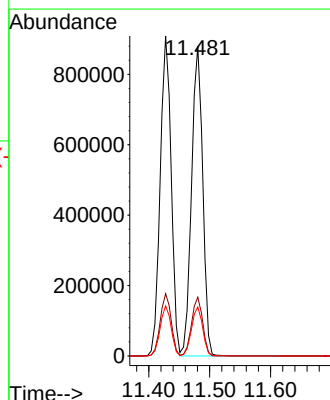
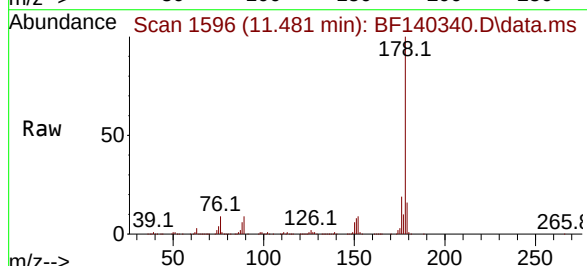
Tgt Ion:178 Resp: 1117453

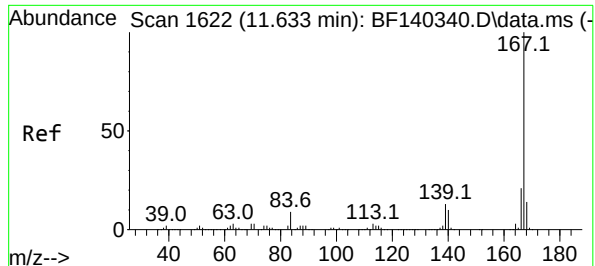
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.8 12.6 18.8

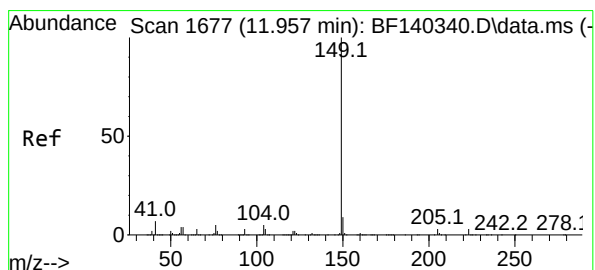
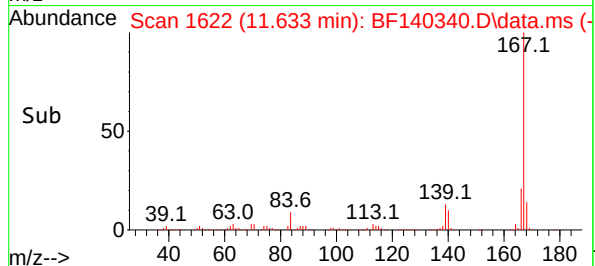
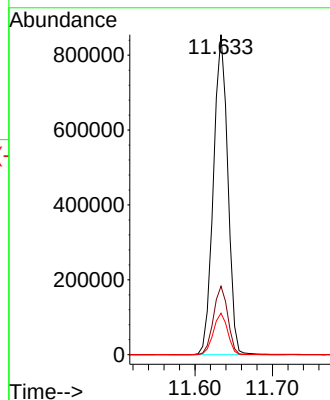
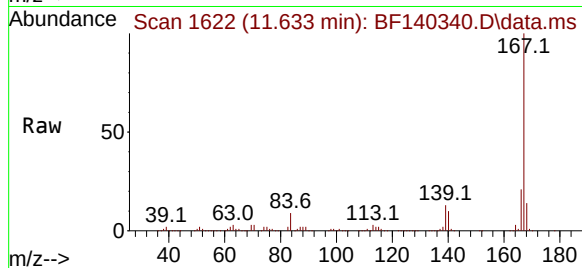




#73
Carbazole
Concen: 38.551 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

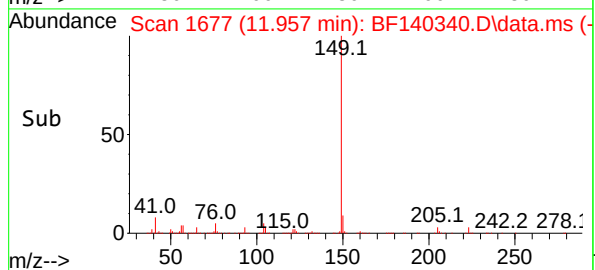
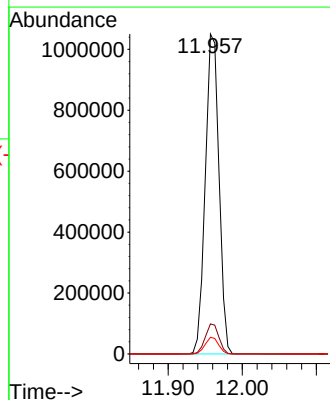
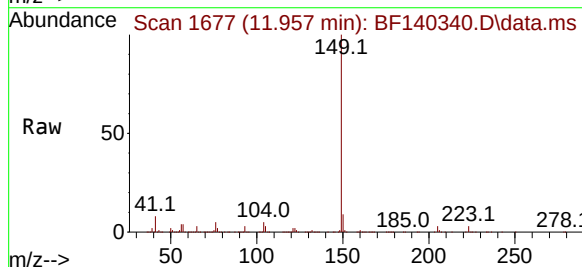
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

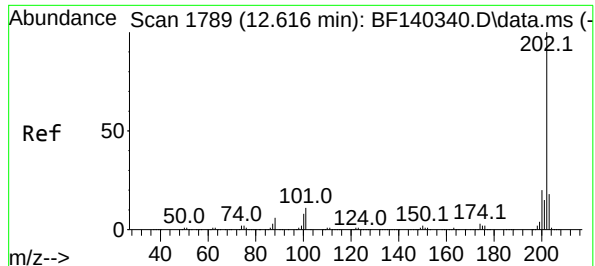
Tgt Ion:167 Resp: 1101588
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.0 10.4 15.6



#74
Di-n-butylphthalate
Concen: 39.365 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:149 Resp: 1350065
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.2 4.0 6.0

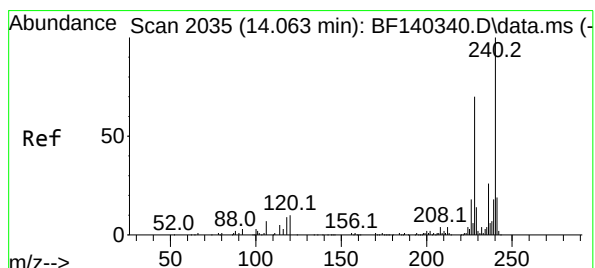
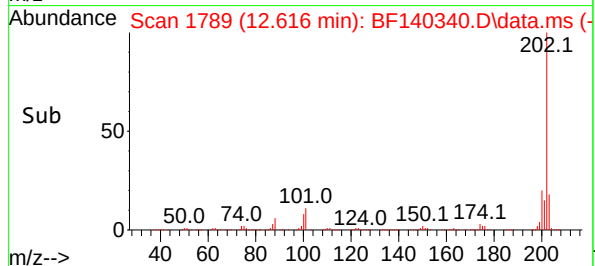
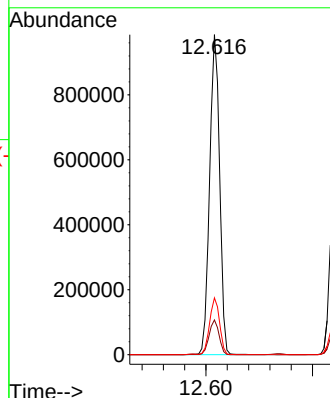
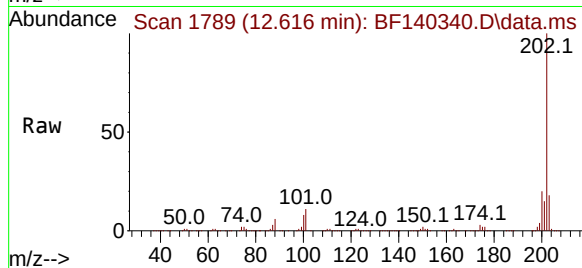




#75
Fluoranthene
Concen: 38.621 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

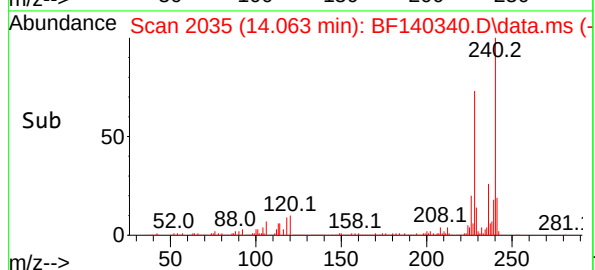
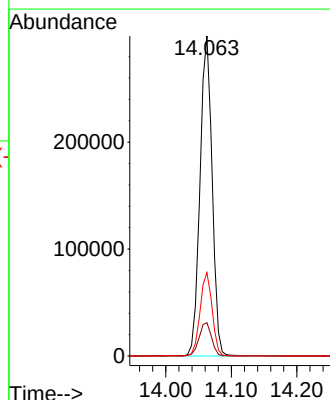
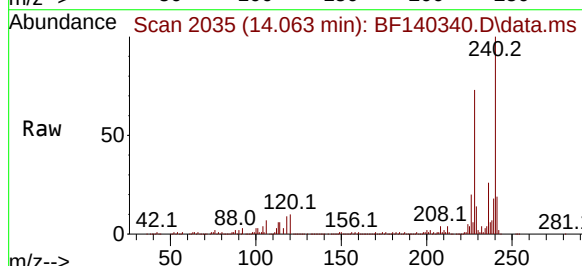
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

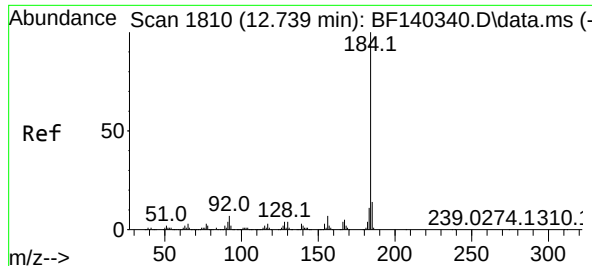
Tgt Ion:202 Resp: 1279456
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:240 Resp: 385940
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.1 20.9 31.3

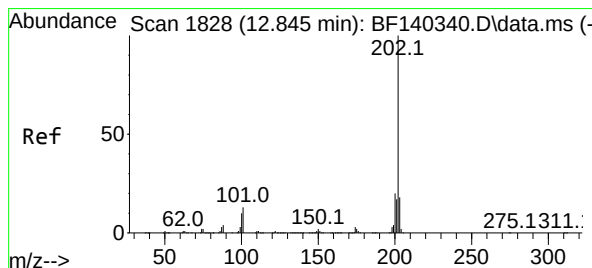
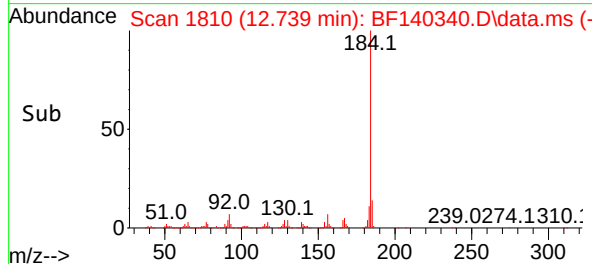
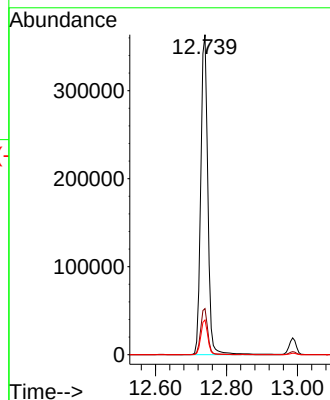
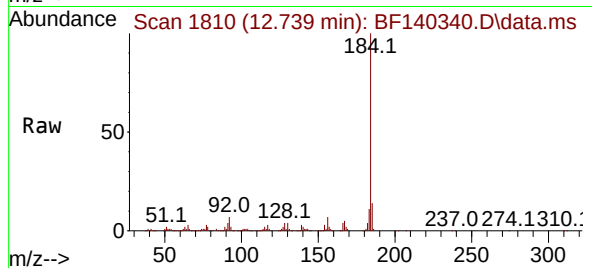




#77
Benzidine
Concen: 34.036 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

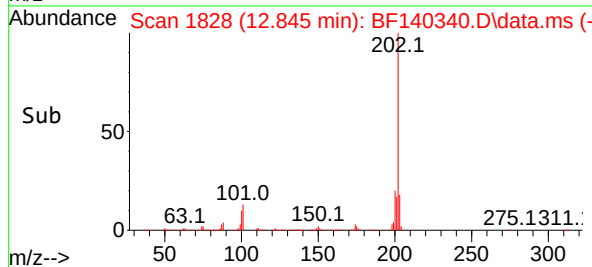
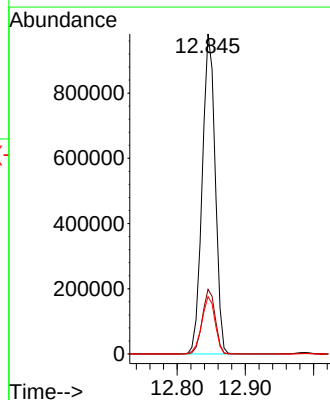
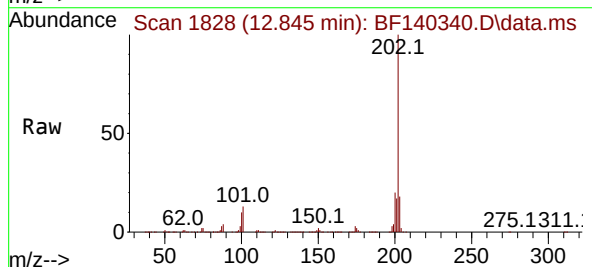
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

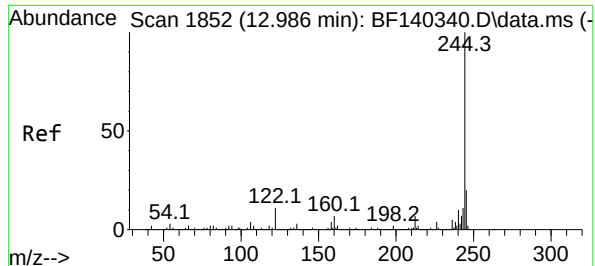
Tgt Ion:184 Resp: 504166
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 10.8 8.6 13.0



#78
Pyrene
Concen: 39.252 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:202 Resp: 1295809
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 77.987 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

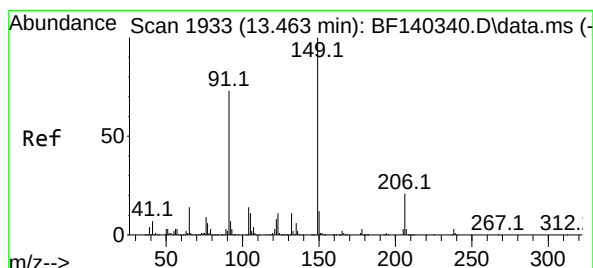
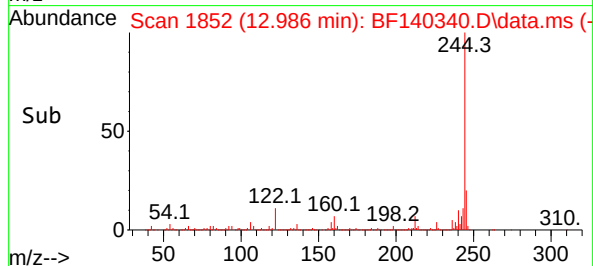
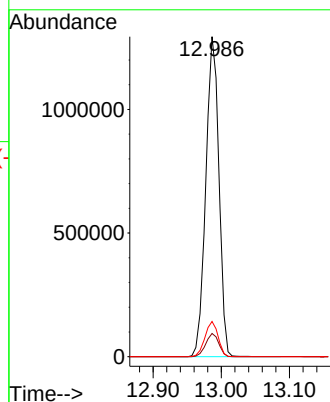
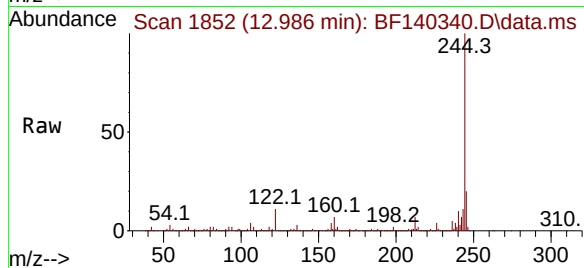
Tgt Ion:244 Resp: 1733989

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 41.968 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

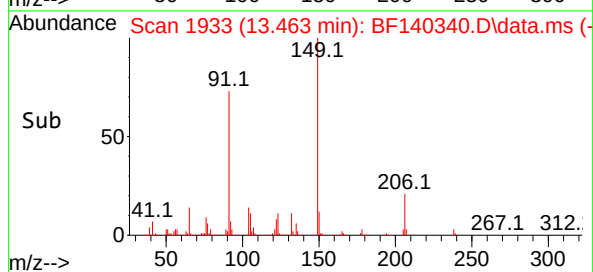
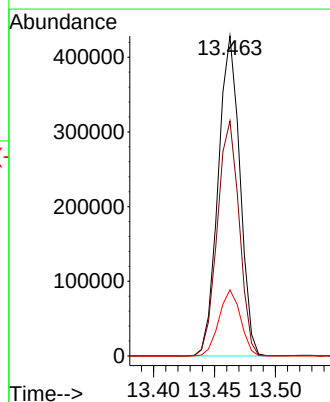
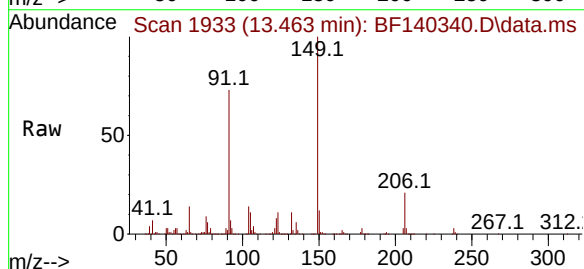
Tgt Ion:149 Resp: 532219

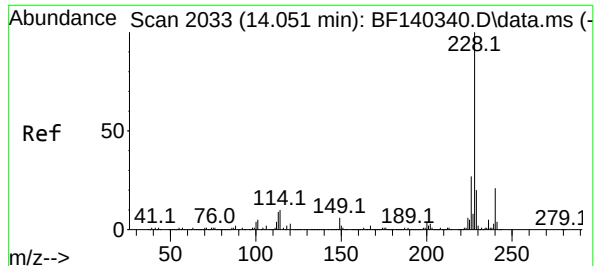
Ion Ratio Lower Upper

149 100

91 73.4 61.0 91.4

206 20.7 16.1 24.1

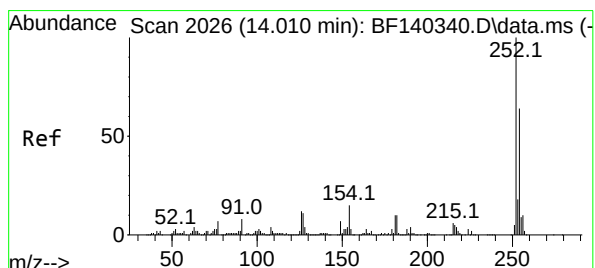
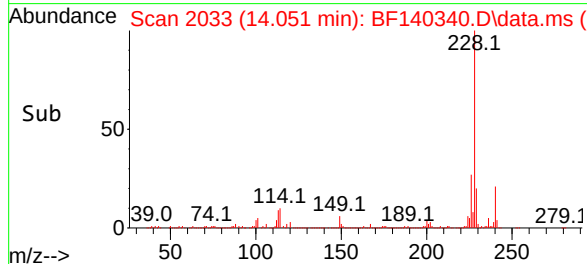
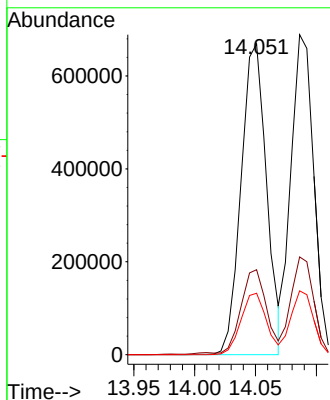
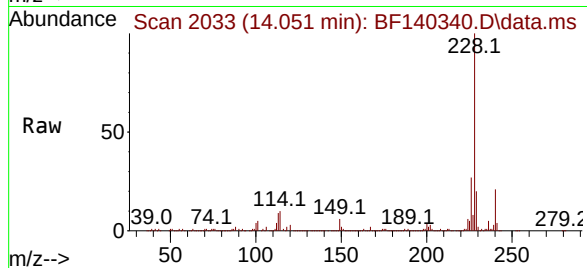




#81
Benzo(a)anthracene
Concen: 38.447 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

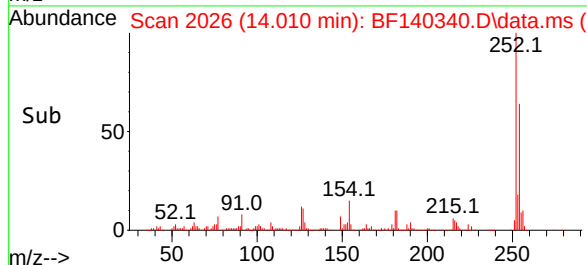
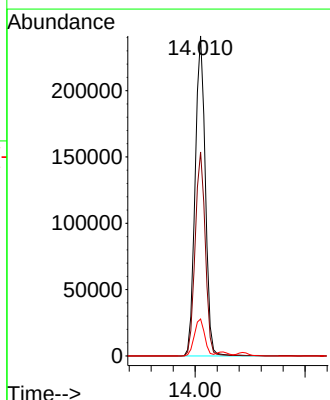
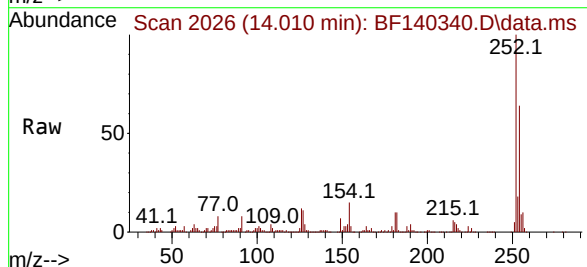
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

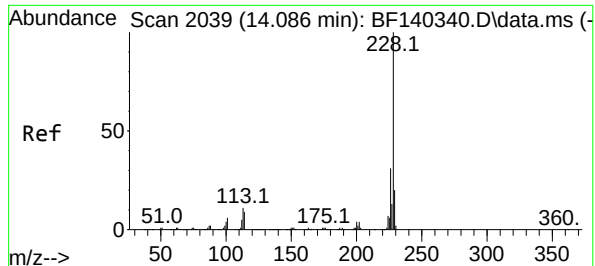
Tgt Ion:228 Resp: 975194
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.491 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:252 Resp: 310326
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 11.6 9.4 14.0

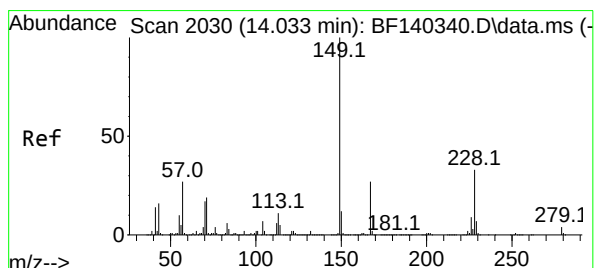
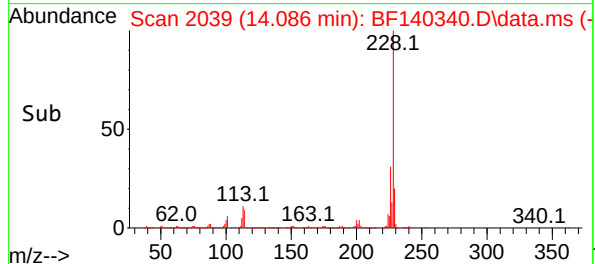
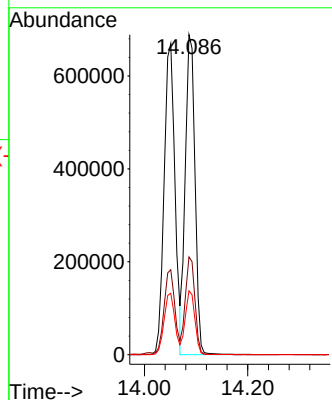
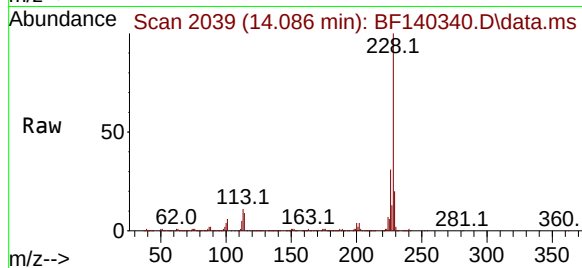




#83
Chrysene
Concen: 38.950 ng
RT: 14.086 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

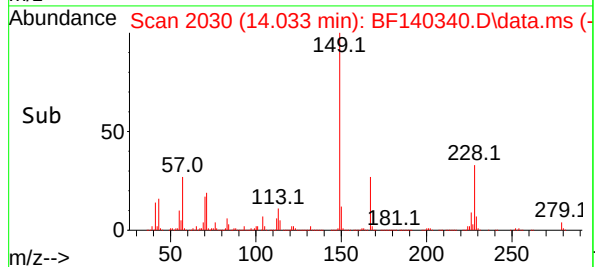
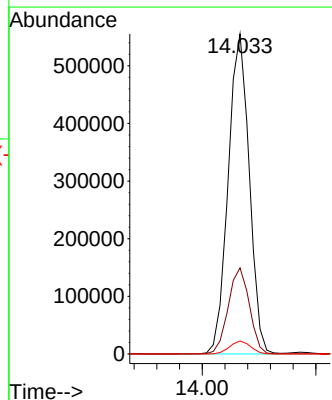
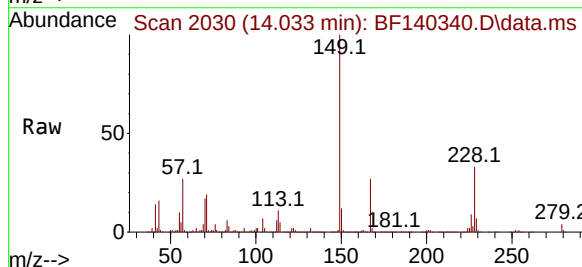
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

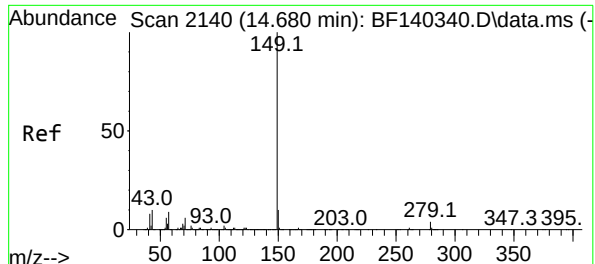
Tgt Ion:228 Resp: 901424
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.269 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:149 Resp: 715490
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 4.0 3.0 4.6

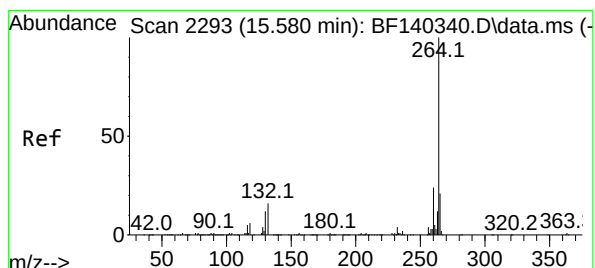
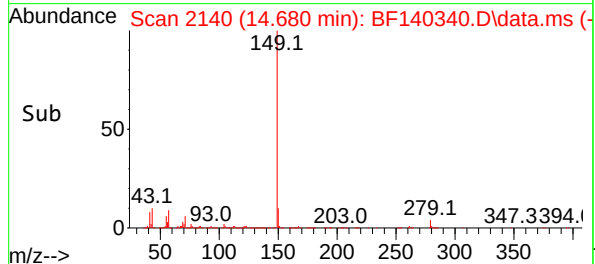
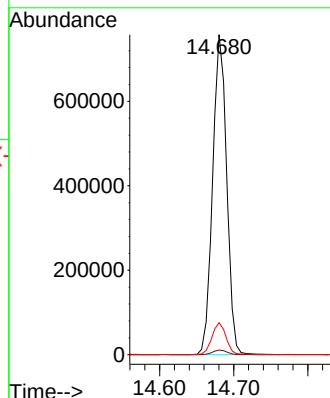
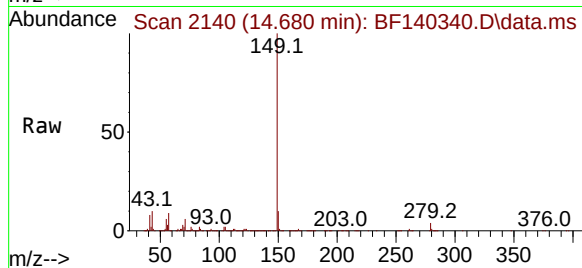




#85
Di-n-octyl phthalate
Concen: 41.757 ng
RT: 14.680 min Scan# 2140
Delta R.T. 0.018 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

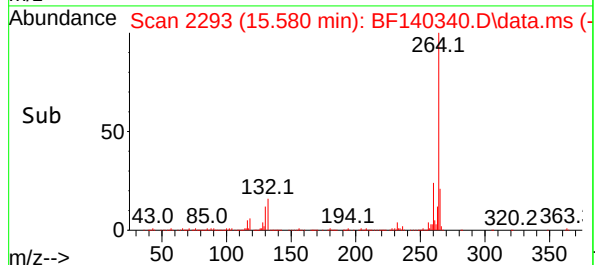
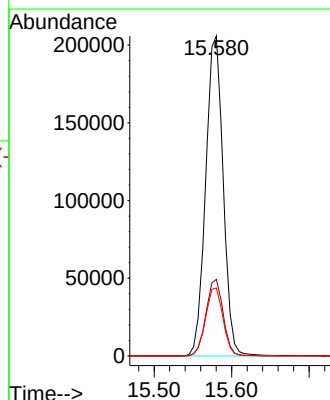
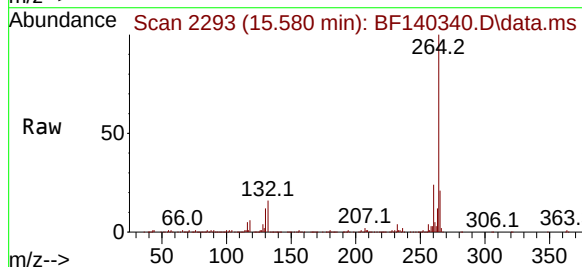
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

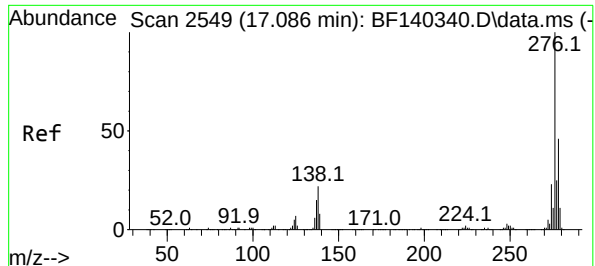
Tgt Ion:149 Resp: 995484
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2293
Delta R.T. 0.024 min
Lab File: BF140340.D
Acq: 13 Nov 2024 12:48

Tgt Ion:264 Resp: 322417
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.723 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

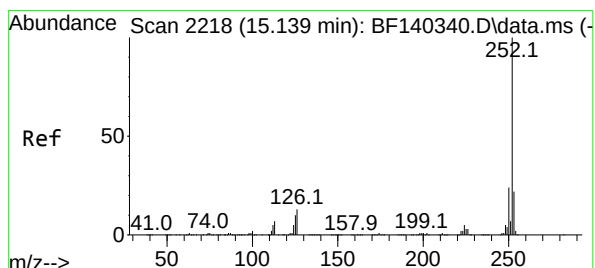
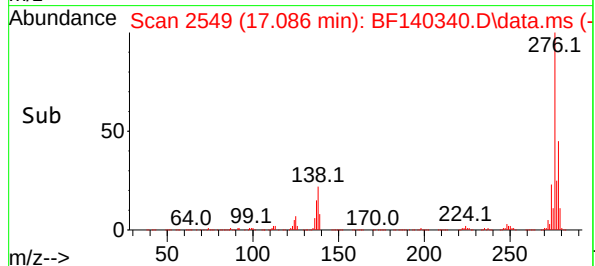
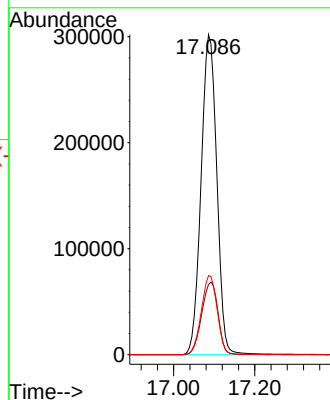
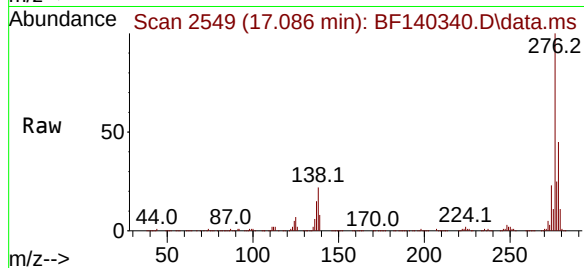
Tgt Ion:276 Resp: 811059

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.614 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.024 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

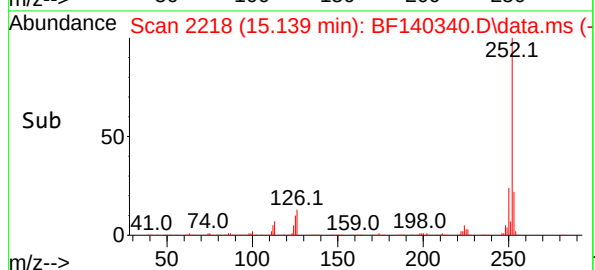
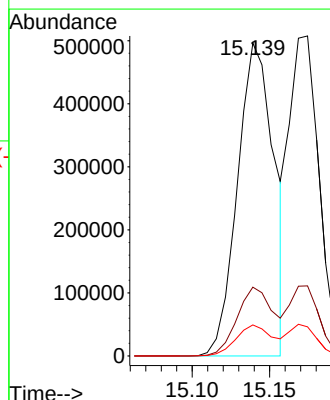
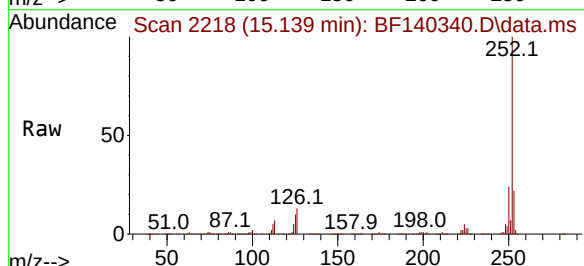
Tgt Ion:252 Resp: 814405

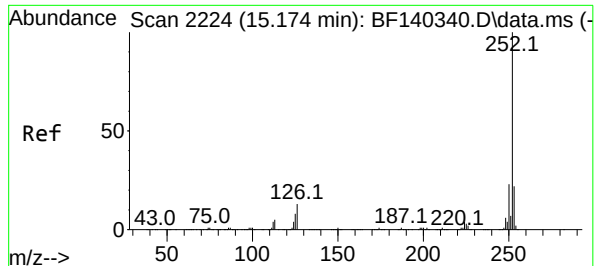
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.676 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

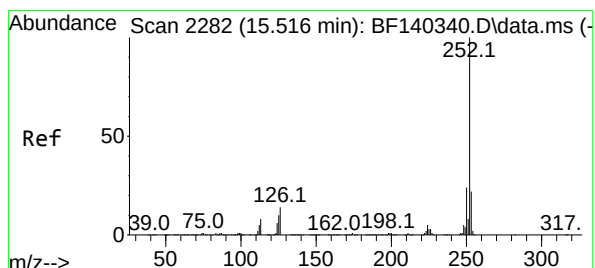
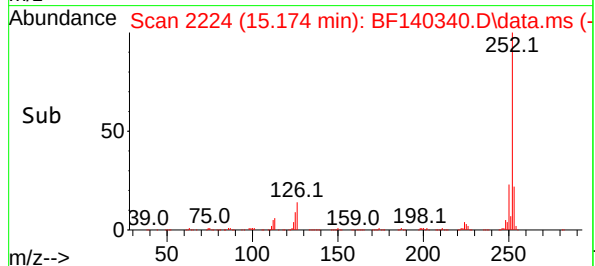
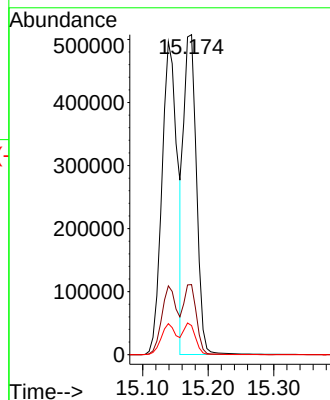
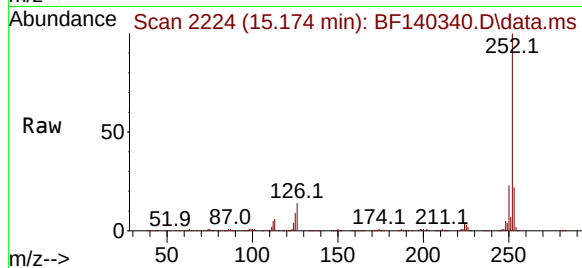
Tgt Ion:252 Resp: 683609

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.585 ng

RT: 15.516 min Scan# 2282

Delta R.T. 0.024 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

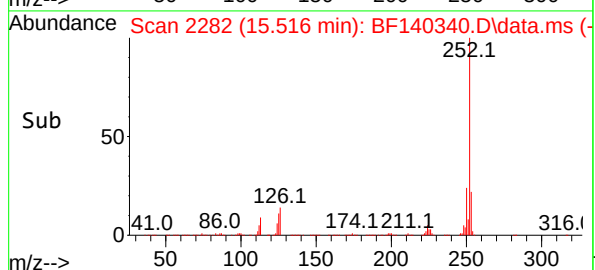
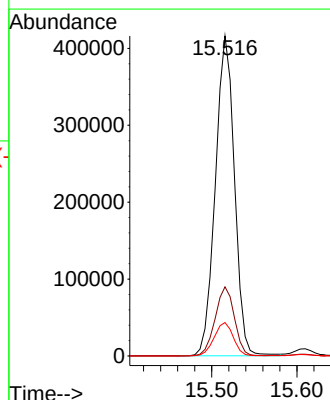
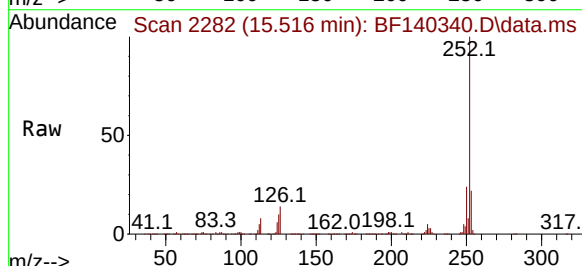
Tgt Ion:252 Resp: 648346

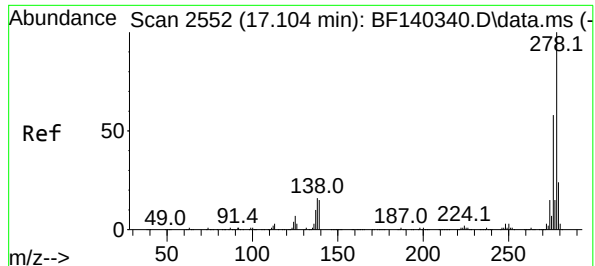
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 10.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 40.712 ng

RT: 17.104 min Scan# 2552

Delta R.T. 0.029 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

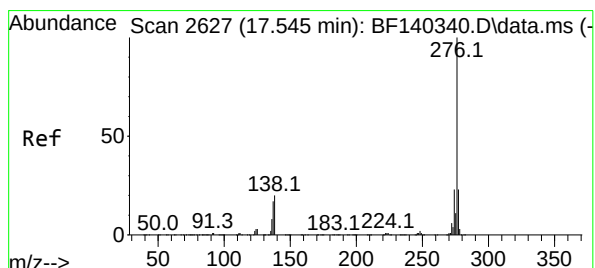
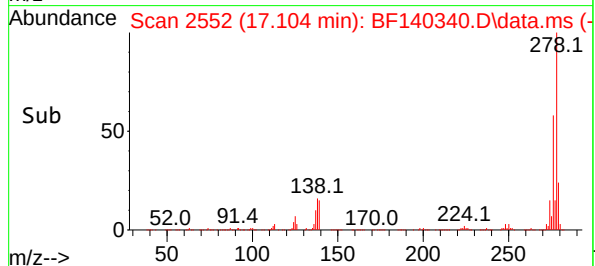
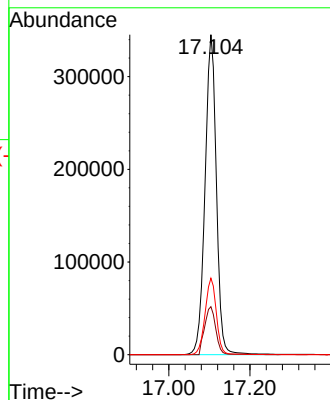
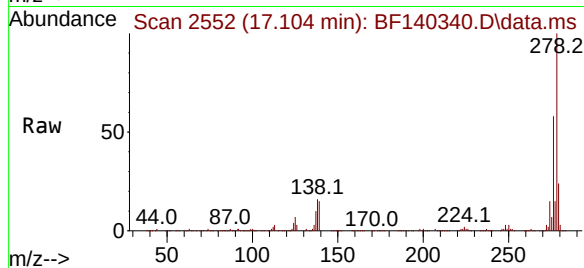
Tgt Ion:278 Resp: 670243

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.8

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.711 ng

RT: 17.545 min Scan# 2627

Delta R.T. 0.029 min

Lab File: BF140340.D

Acq: 13 Nov 2024 12:48

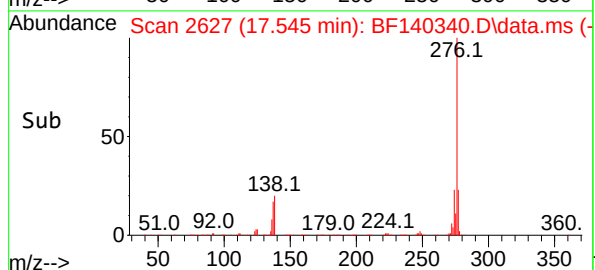
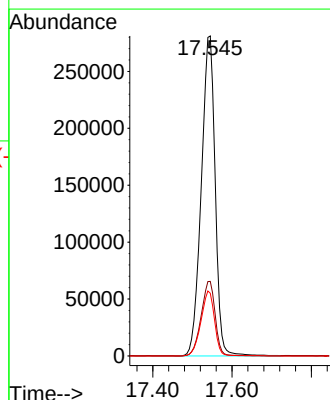
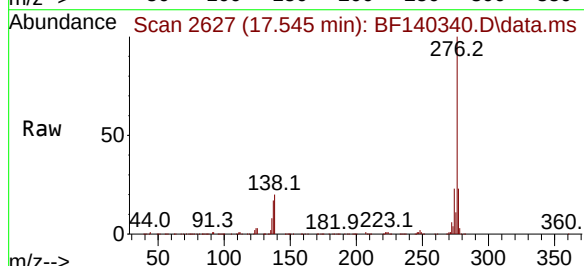
Tgt Ion:276 Resp: 685184

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.6 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140341.D
Acq On : 13 Nov 2024 13:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF111324

Quant Time: Nov 13 14:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	149980	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	587913	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	333123	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	631059	20.000	ng	0.00
76) Chrysene-d12	14.063	240	366437	20.000	ng	0.01
86) Perylene-d12	15.574	264	319261	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	684092	77.878	ng	0.00
7) Phenol-d6	6.504	99	943149	79.248	ng	0.00
23) Nitrobenzene-d5	7.440	82	885901	78.511	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	260432	78.617	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1568824	75.707	ng	0.00
79) Terphenyl-d14	12.986	244	1705668	80.797	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.634	88	155026	39.597	ng	99
3) Pyridine	3.405	79	391304	40.655	ng	99
4) n-Nitrosodimethylamine	3.357	42	194133	39.908	ng	98
6) Aniline	6.540	93	429973	41.531	ng	99
8) 2-Chlorophenol	6.663	128	373546	39.588	ng	100
9) Benzaldehyde	6.428	77	266318	37.337	ng	99
10) Phenol	6.516	94	505284	40.259	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	374368	39.367	ng	99
12) 1,3-Dichlorobenzene	6.816	146	407569	39.148	ng	99
13) 1,4-Dichlorobenzene	6.898	146	410968	38.930	ng	100
14) 1,2-Dichlorobenzene	7.051	146	381749	38.953	ng	100
15) Benzyl Alcohol	7.016	79	356665	41.596	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	529417	40.304	ng	100
17) 2-Methylphenol	7.128	107	312261	40.228	ng	99
18) Hexachloroethane	7.387	117	152783	39.149	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	288082	40.079	ng	99
20) 3+4-Methylphenols	7.281	107	398279	41.028	ng	99
22) Acetophenone	7.287	105	530294	38.782	ng	99
24) Nitrobenzene	7.463	77	461518	39.284	ng	99
25) Isophorone	7.698	82	791096	39.558	ng	100
26) 2-Nitrophenol	7.775	139	212967	40.850	ng	100
27) 2,4-Dimethylphenol	7.804	122	270554	40.536	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	481393	39.258	ng	99
29) 2,4-Dichlorophenol	8.016	162	326198	39.545	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	356725	38.843	ng	99
31) Naphthalene	8.181	128	1159811	38.889	ng	100
32) Benzoic acid	7.928	122	250402	42.635	ng	97
33) 4-Chloroaniline	8.228	127	404464	38.996	ng	99
34) Hexachlorobutadiene	8.298	225	227054	38.804	ng	99
35) Caprolactam	8.598	113	110611	40.345	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	368906	40.356	ng	100
37) 2-Methylnaphthalene	8.869	142	747189	39.072	ng	100
38) 1-Methylnaphthalene	8.969	142	729079	38.933	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	356102	38.657	ng	100
41) Hexachlorocyclopentadiene	9.022	237	90509	38.267	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	240423	39.769	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140341.D
Acq On : 13 Nov 2024 13:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF111324

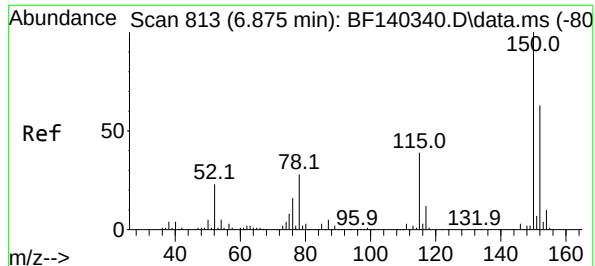
Quant Time: Nov 13 14:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	254749	38.542	ng	100
46) 1,1'-Biphenyl	9.334	154	946801	39.068	ng	99
47) 2-Chloronaphthalene	9.363	162	711544	38.543	ng	100
48) 2-Nitroaniline	9.457	65	243803	39.821	ng	99
49) Acenaphthylene	9.775	152	1088251	38.962	ng	100
50) Dimethylphthalate	9.634	163	845361	38.933	ng	99
51) 2,6-Dinitrotoluene	9.698	165	197768	39.952	ng	100
52) Acenaphthene	9.951	154	738443	39.143	ng	100
53) 3-Nitroaniline	9.869	138	206946	39.809	ng	99
54) 2,4-Dinitrophenol	9.975	184	102497	40.153	ng	99
55) Dibenzofuran	10.122	168	1049030	39.280	ng	99
56) 4-Nitrophenol	10.022	139	158431	41.782	ng	99
57) 2,4-Dinitrotoluene	10.104	165	262271	40.258	ng	100
58) Fluorene	10.463	166	811348	38.457	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	206672	39.601	ng	99
60) Diethylphthalate	10.333	149	864678	38.945	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	400645	38.465	ng	99
62) 4-Nitroaniline	10.481	138	210281	39.561	ng	99
63) Azobenzene	10.616	77	869821	39.649	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	139694	41.144	ng	100
66) n-Nitrosodiphenylamine	10.575	169	709758	38.926	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	246390	39.059	ng	99
68) Hexachlorobenzene	11.010	284	277113	39.043	ng	99
69) Atrazine	11.098	200	180055	32.640	ng	98
70) Pentachlorophenol	11.204	266	159402	41.693	ng	99
71) Phenanthrene	11.428	178	1127194	38.024	ng	99
72) Anthracene	11.480	178	1114551	38.362	ng	100
73) Carbazole	11.633	167	1109519	38.676	ng	100
74) Di-n-butylphthalate	11.957	149	1356287	39.391	ng	100
75) Fluoranthene	12.616	202	1270353	38.196	ng	99
77) Benzidine	12.739	184	546613	38.866	ng	99
78) Pyrene	12.845	202	1274659	40.667	ng	100
80) Butylbenzylphthalate	13.463	149	512452	42.560	ng	98
81) Benzo(a)anthracene	14.051	228	947117	39.327	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	304604	39.793	ng	99
83) Chrysene	14.086	228	869491	39.569	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	678437	42.213	ng	100
85) Di-n-octyl phthalate	14.680	149	915547	40.448	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	815903	41.371	ng	100
88) Benzo(b)fluoranthene	15.139	252	775920	37.153	ng	99
89) Benzo(k)fluoranthene	15.168	252	693105	40.625	ng	99
90) Benzo(a)pyrene	15.510	252	637970	39.337	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	682579	41.871	ng	100
92) Benzo(g,h,i)perylene	17.539	276	677222	40.635	ng	99

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

Instrument :
BNA_F
ClientSampleId :
ICVBF111324

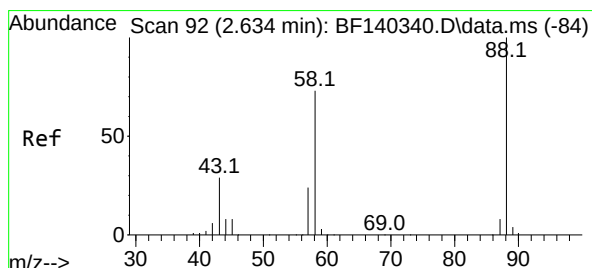
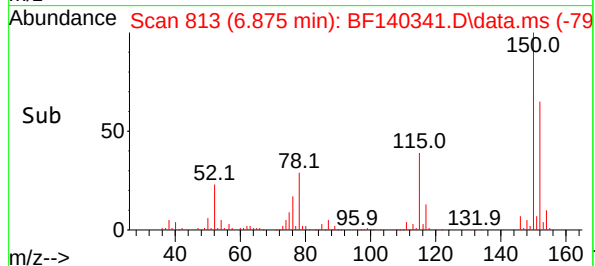
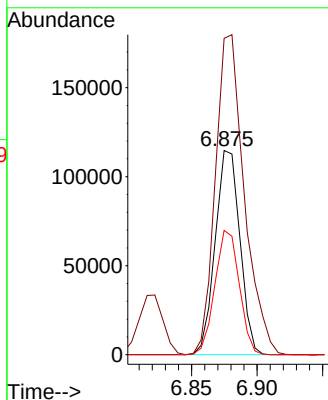
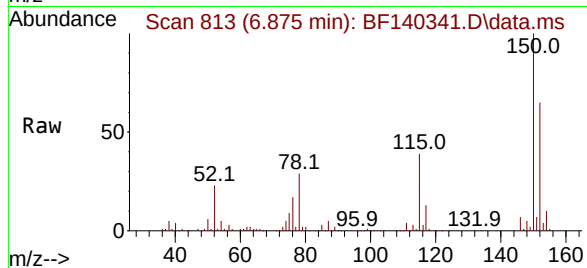
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- 15
- 16
- 17



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

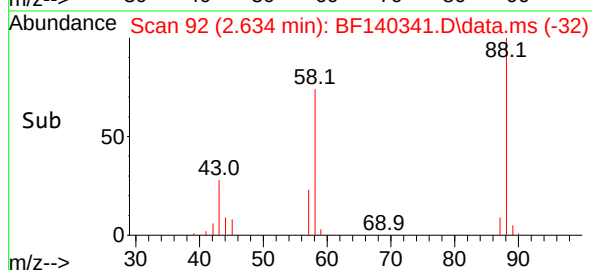
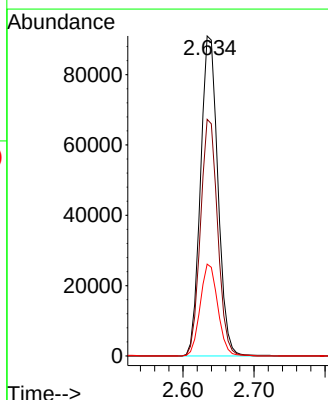
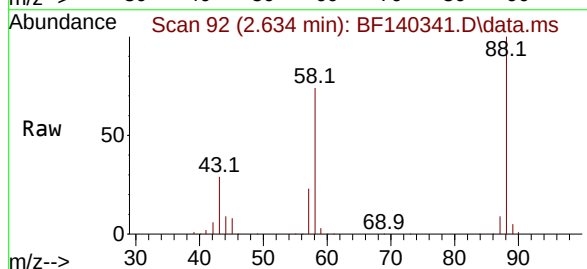
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

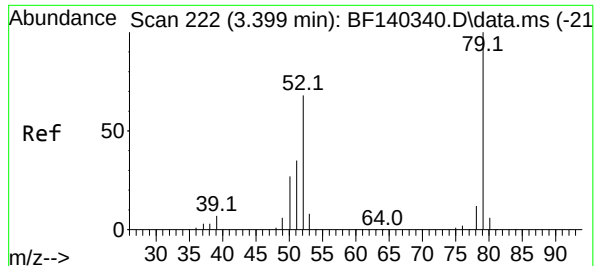
Tgt Ion:152 Resp: 149980
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 60.9 47.4 71.2



#2
1,4-Dioxane
Concen: 39.597 ng
RT: 2.634 min Scan# 92
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion: 88 Resp: 155026
Ion Ratio Lower Upper
88 100
58 73.0 59.5 89.3
43 29.0 23.4 35.2





#3

Pyridine

Concen: 40.655 ng

RT: 3.405 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

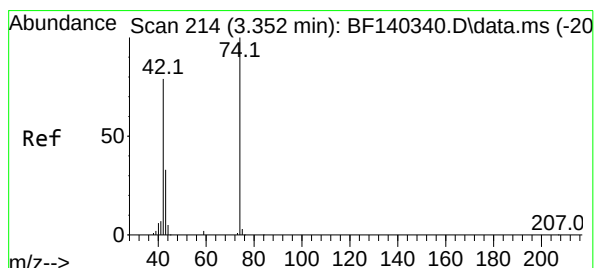
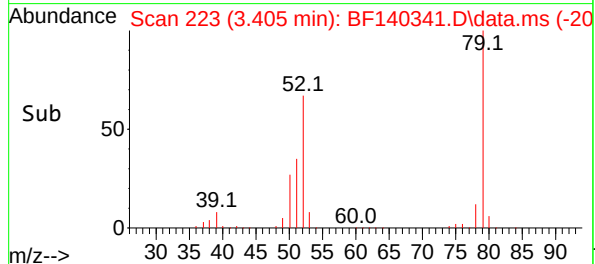
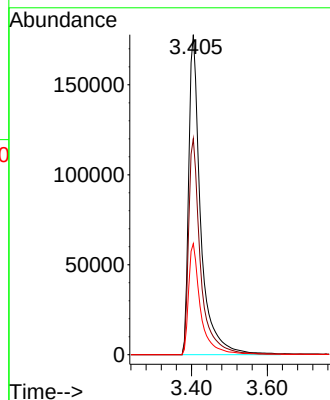
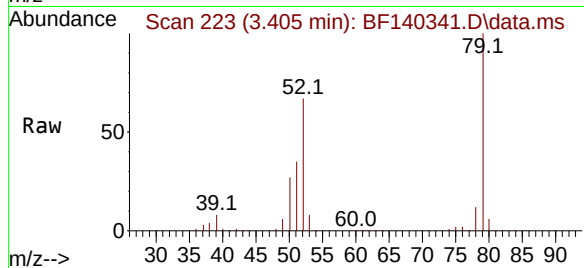
Tgt Ion: 79 Resp: 391304

Ion Ratio Lower Upper

79 100

52 67.5 53.8 80.6

51 34.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.908 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

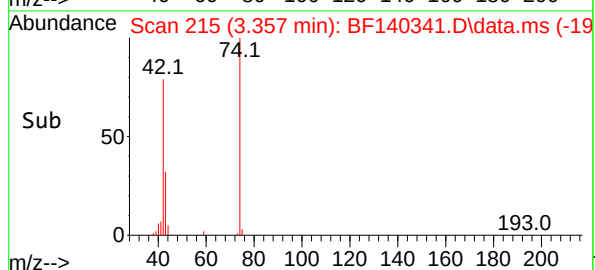
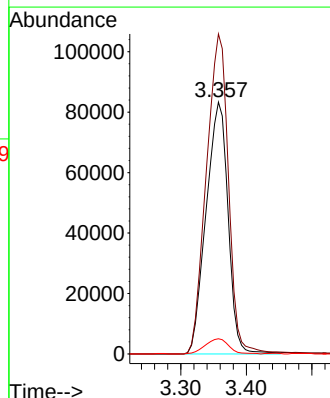
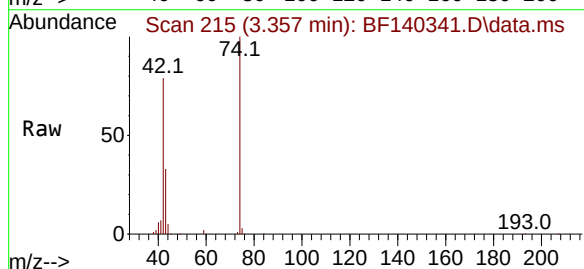
Tgt Ion: 42 Resp: 194133

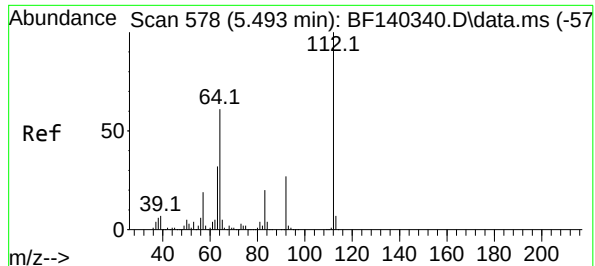
Ion Ratio Lower Upper

42 100

74 127.1 103.5 155.3

44 6.0 5.1 7.7

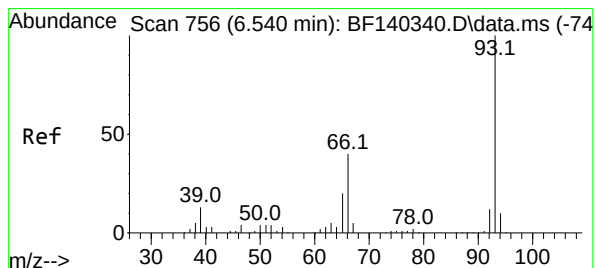
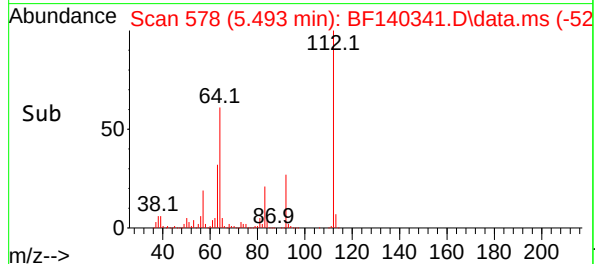
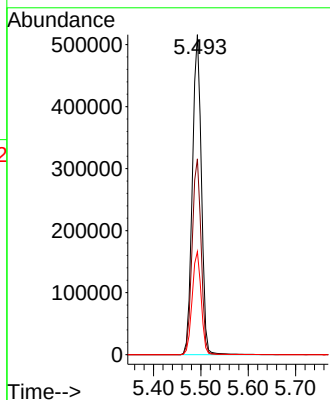
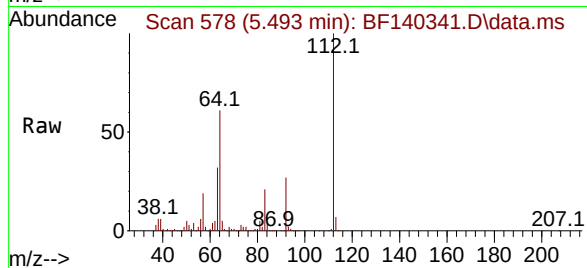




#5
2-Fluorophenol
Concen: 77.878 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

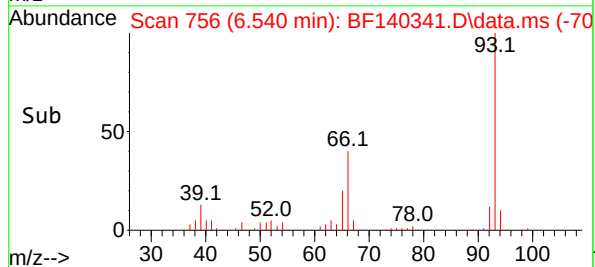
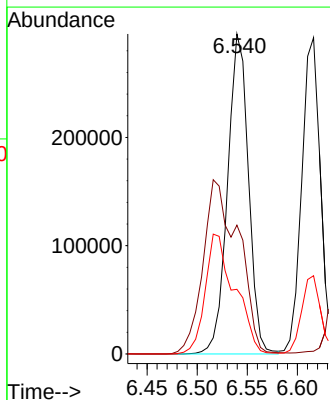
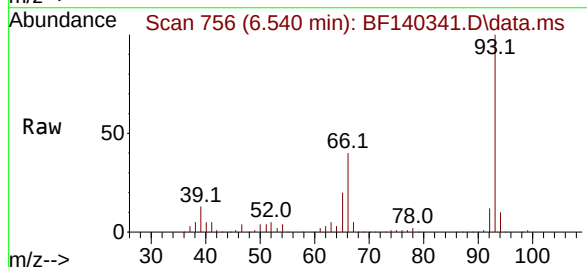
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

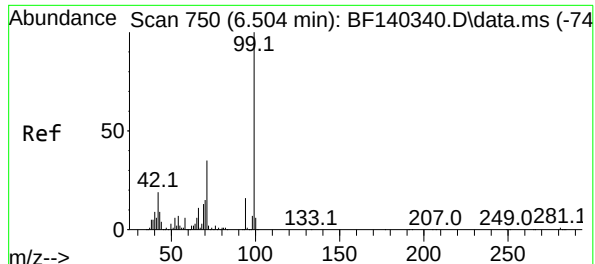
Tgt Ion:112 Resp: 684092
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.2 25.6 38.4



#6
Aniline
Concen: 41.531 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion: 93 Resp: 429973
Ion Ratio Lower Upper
93 100
66 40.2 32.8 49.2
65 20.2 16.6 25.0

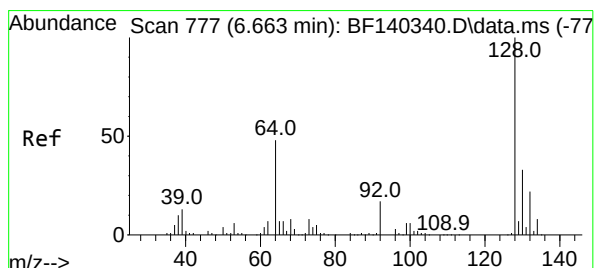
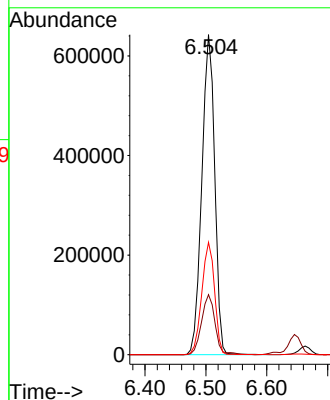
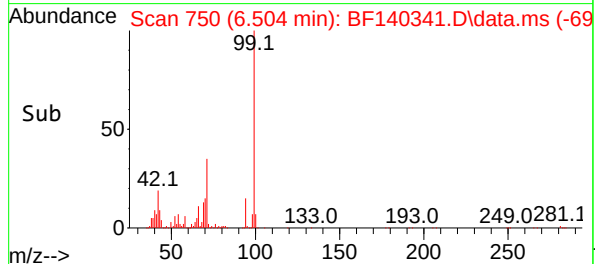
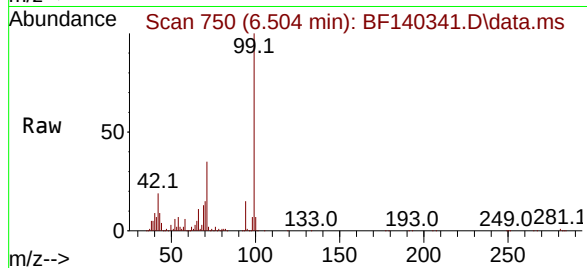




#7
Phenol-d6
Concen: 79.248 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

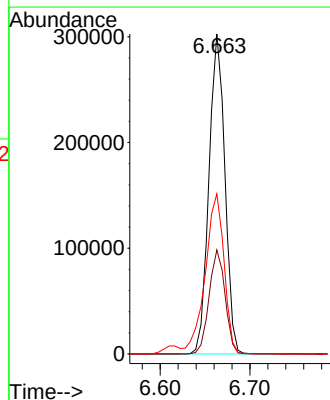
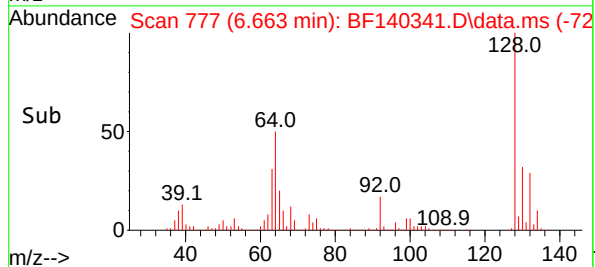
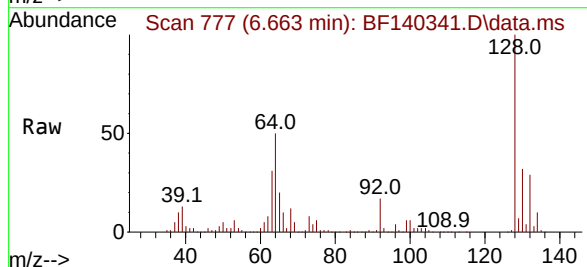
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

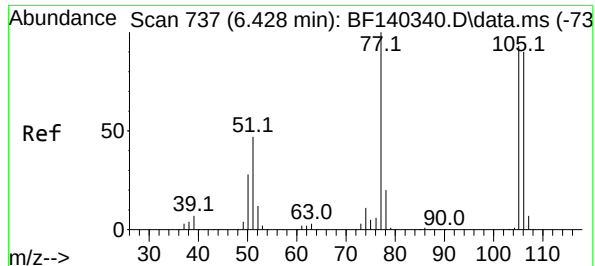
Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	35.1	27.9	41.9



#8
2-Chlorophenol
Concen: 39.588 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	50.1	30.2	70.2





#9

Benzaldehyde

Concen: 37.337 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

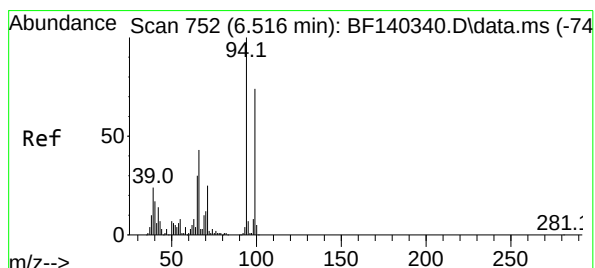
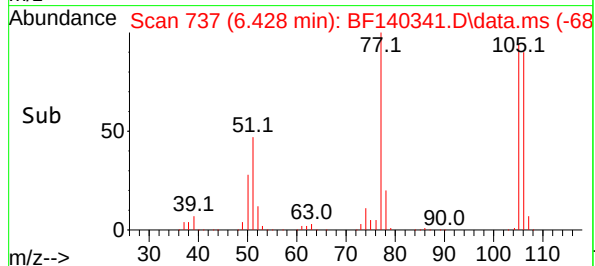
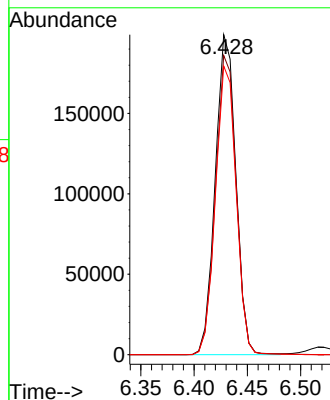
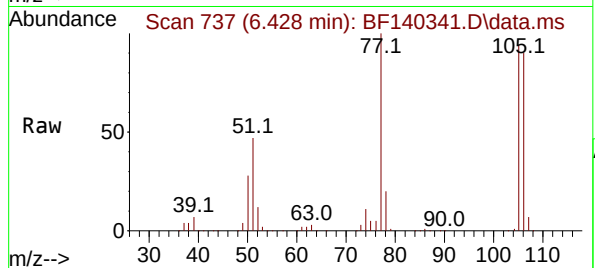
Tgt Ion: 77 Resp: 266318

Ion Ratio Lower Upper

77 100

105 93.5 74.4 114.4

106 90.2 69.9 109.9



#10

Phenol

Concen: 40.259 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

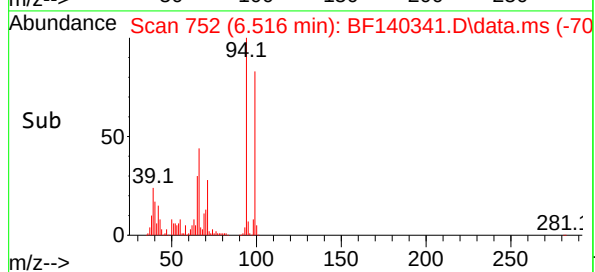
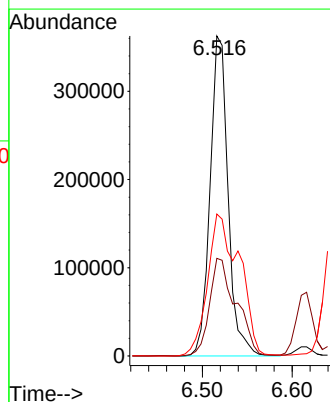
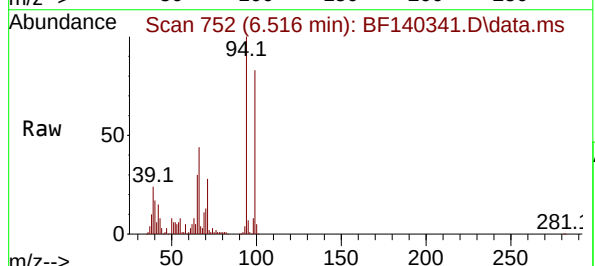
Tgt Ion: 94 Resp: 505284

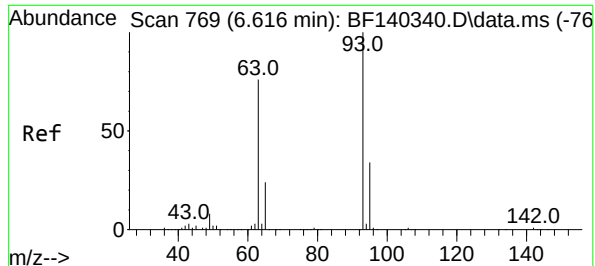
Ion Ratio Lower Upper

94 100

65 30.5 10.4 50.4

66 44.4 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 39.367 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

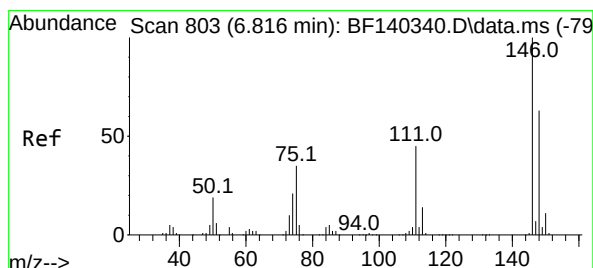
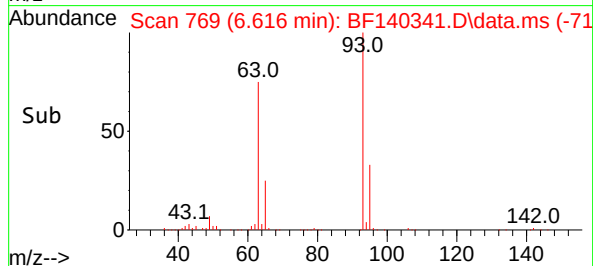
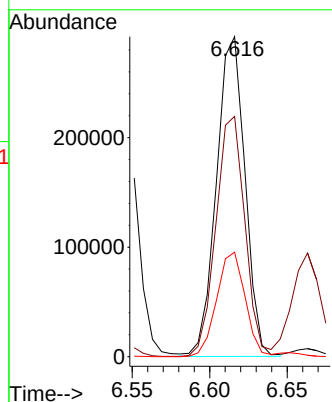
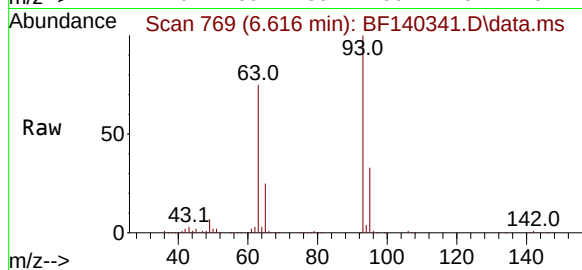
Tgt Ion: 93 Resp: 374368

Ion Ratio Lower Upper

93 100

63 75.1 54.0 94.0

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.148 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

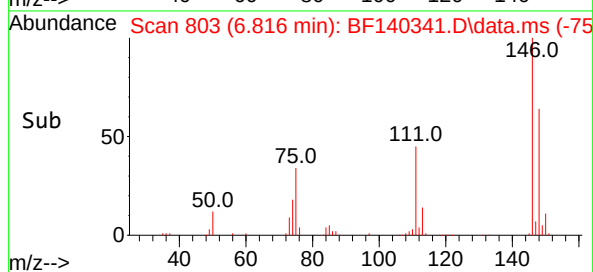
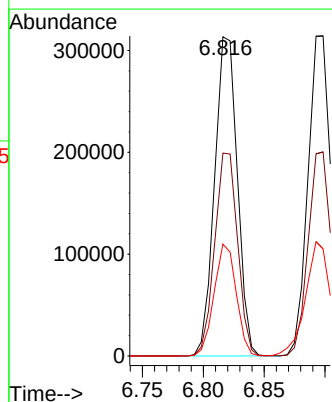
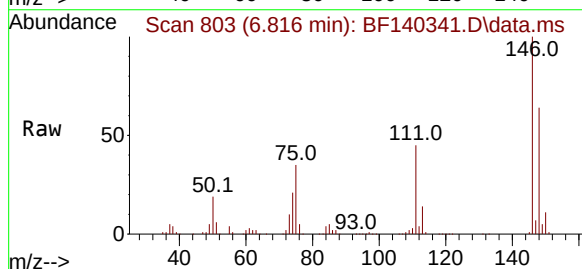
Tgt Ion: 146 Resp: 407569

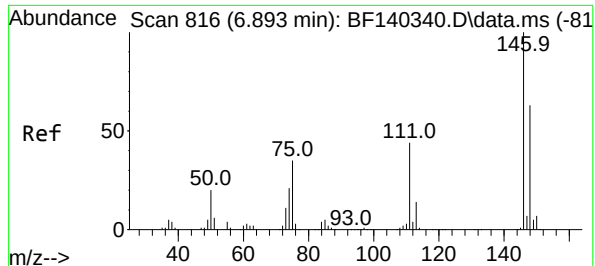
Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

75 35.0 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 38.930 ng

RT: 6.898 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

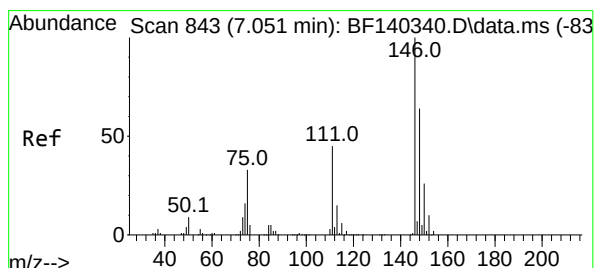
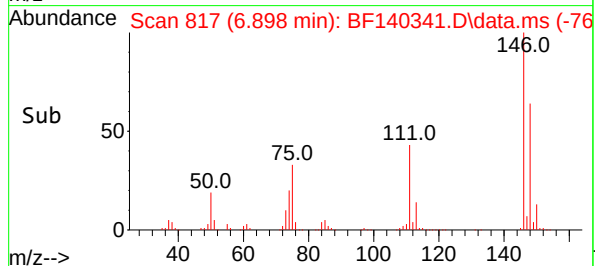
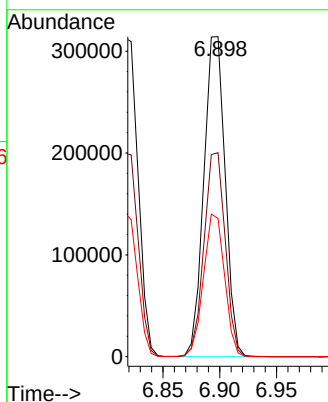
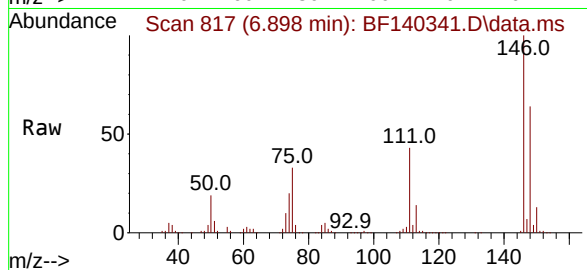
Tgt Ion:146 Resp: 410968

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 43.2 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 38.953 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

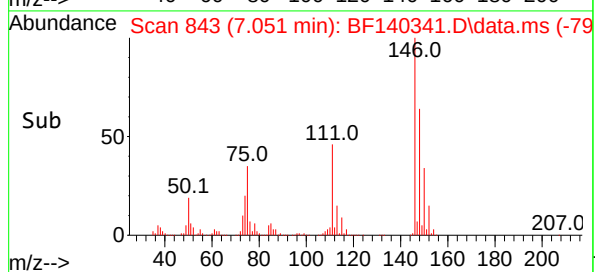
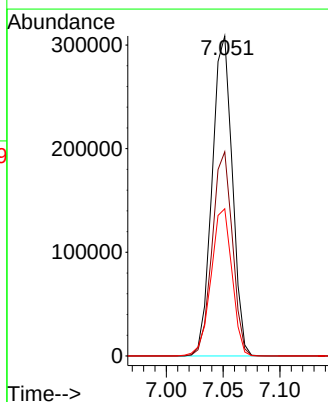
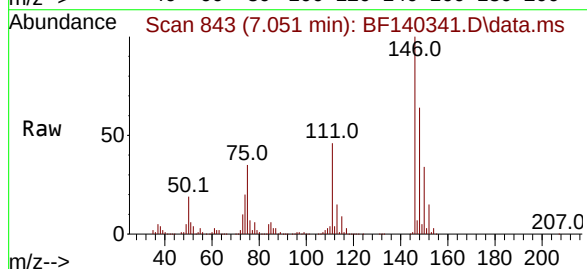
Tgt Ion:146 Resp: 381749

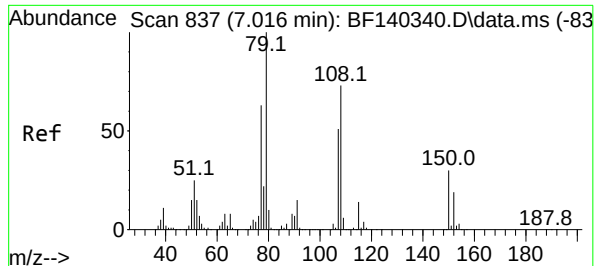
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 46.0 36.5 54.7





#15

Benzyl Alcohol

Concen: 41.596 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

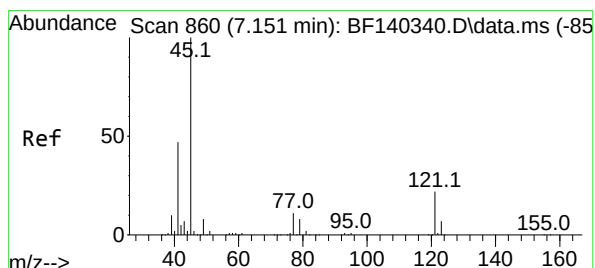
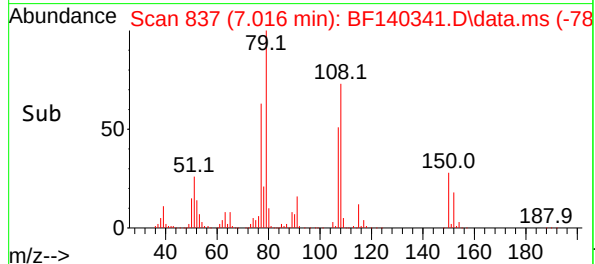
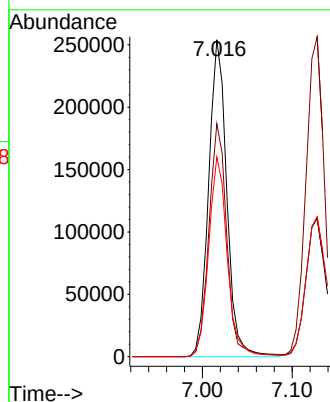
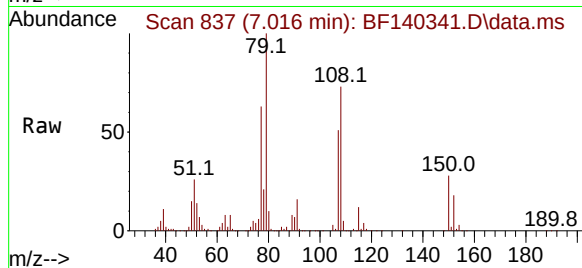
Tgt Ion: 79 Resp: 356665

Ion Ratio Lower Upper

79 100

108 73.5 57.8 86.6

77 63.0 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.304 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

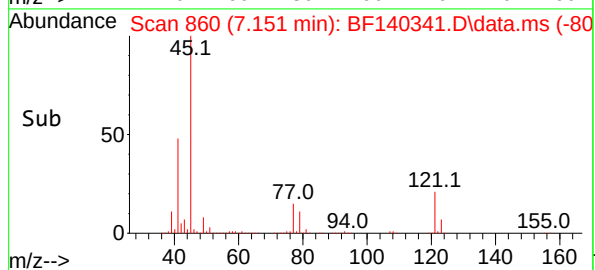
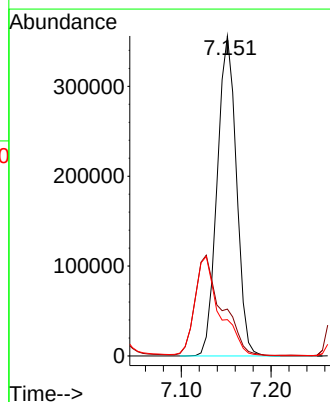
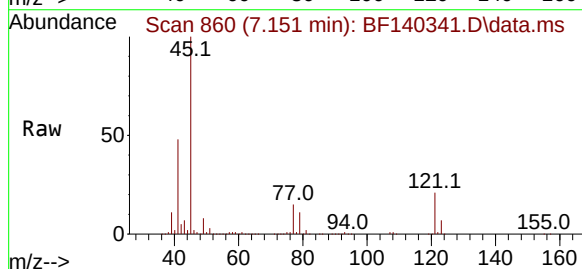
Tgt Ion: 45 Resp: 529417

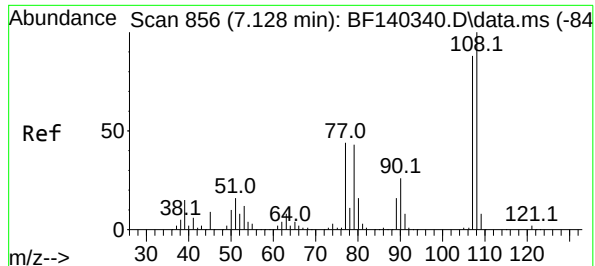
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.8

79 11.4 0.0 31.4





#17

2-Methylphenol

Concen: 40.228 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

Tgt Ion:107 Resp: 312261

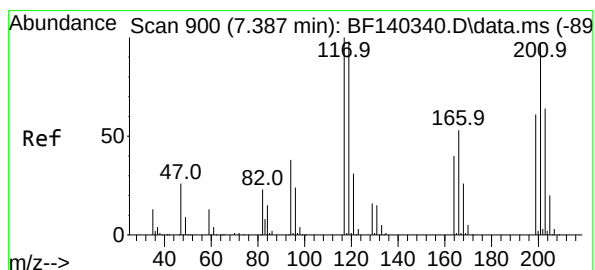
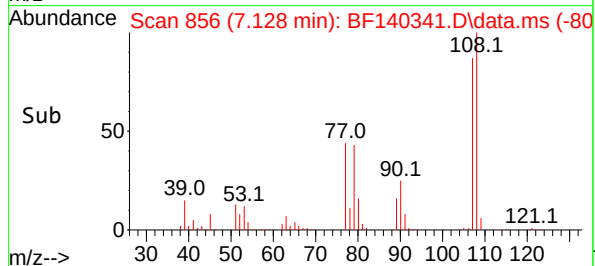
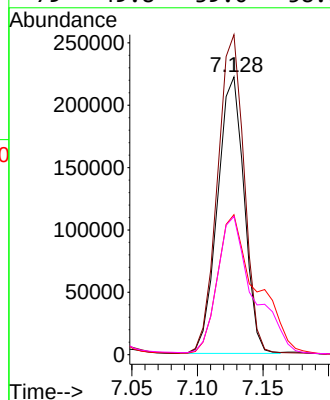
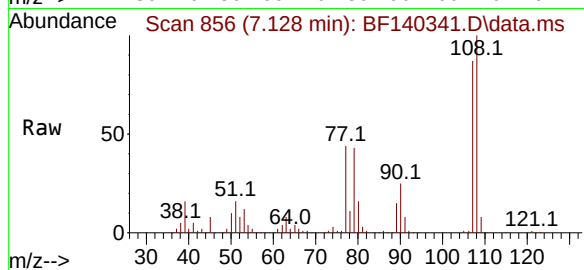
Ion Ratio Lower Upper

107 100

108 115.2 91.9 137.9

77 50.4 39.7 59.5

79 49.8 39.0 58.6



#18

Hexachloroethane

Concen: 39.149 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

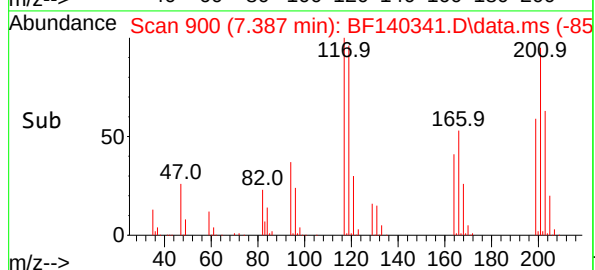
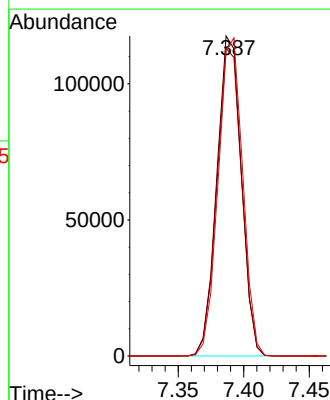
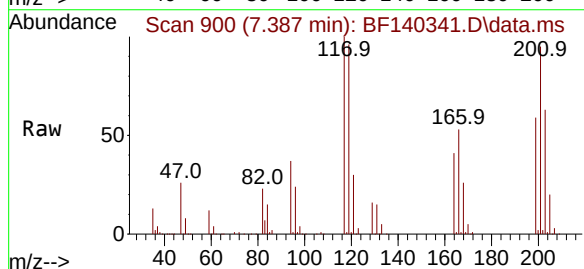
Tgt Ion:117 Resp: 152783

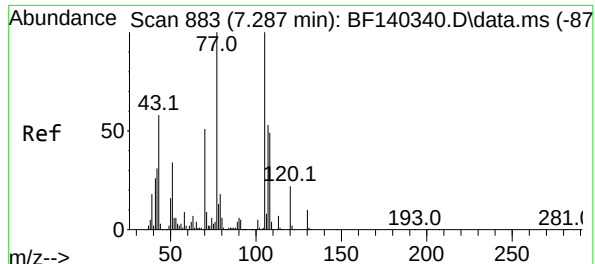
Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3

201 95.4 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.079 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF140341.D

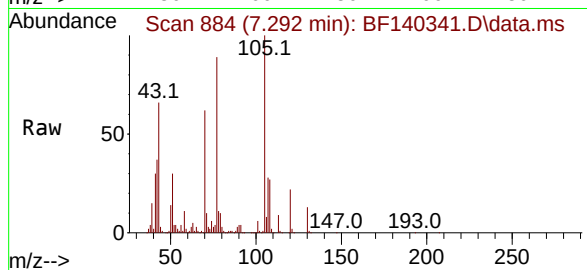
Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324



Tgt Ion: 70 Resp: 288082

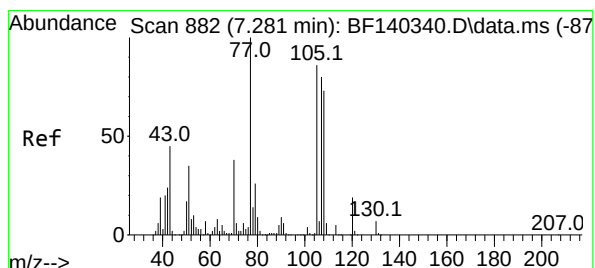
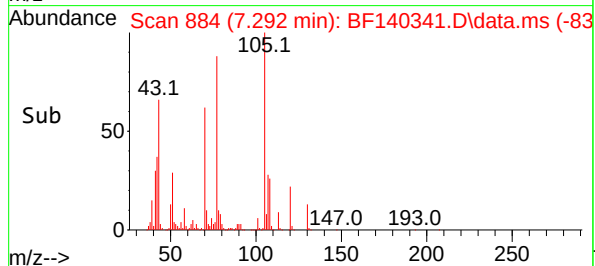
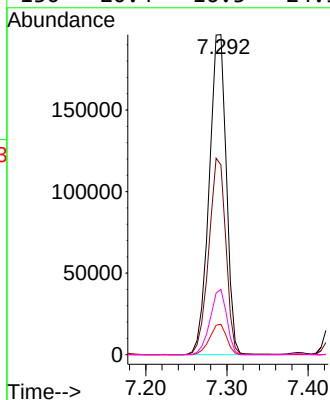
Ion Ratio Lower Upper

70 100

42 59.3 46.8 70.2

101 9.5 7.5 11.3

130 20.4 16.3 24.5



#20

3+4-Methylphenols

Concen: 41.028 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Tgt Ion: 107 Resp: 398279

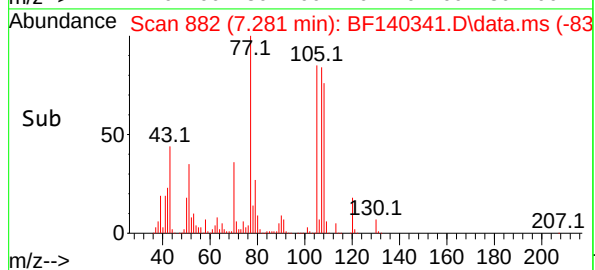
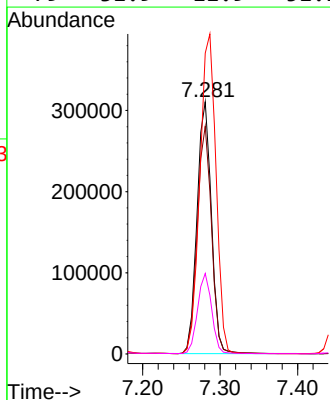
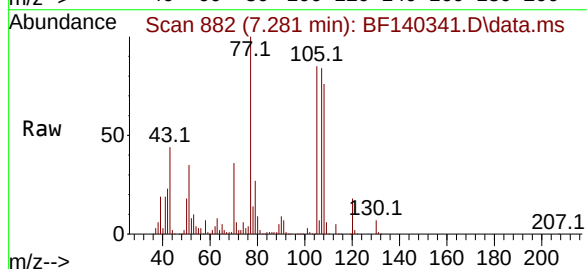
Ion Ratio Lower Upper

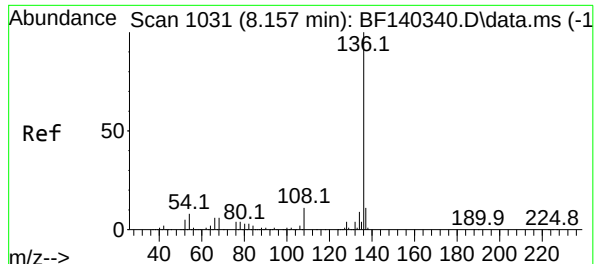
107 100

108 90.3 71.4 111.4

77 119.3 97.0 137.0

79 31.9 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

Tgt Ion:136 Resp: 587913

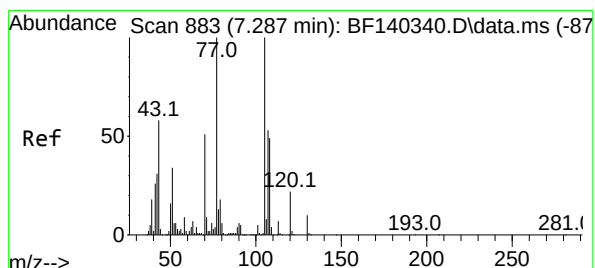
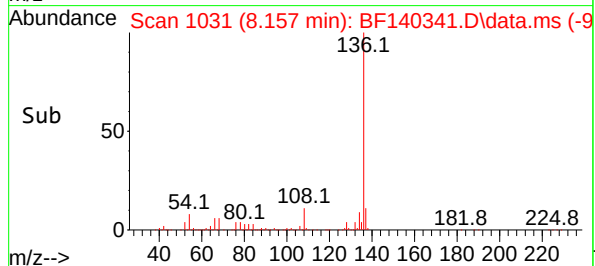
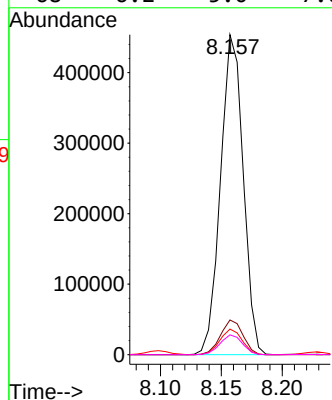
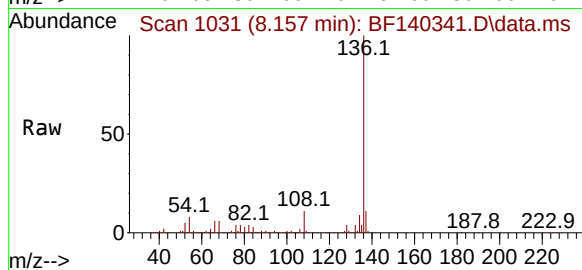
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.0 6.5 9.7

68 6.2 5.0 7.6



#22

Acetophenone

Concen: 38.782 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Tgt Ion:105 Resp: 530294

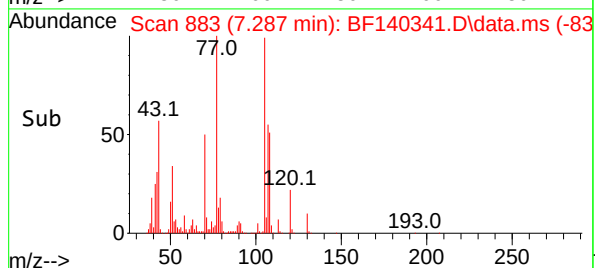
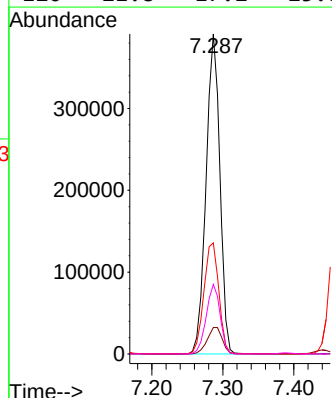
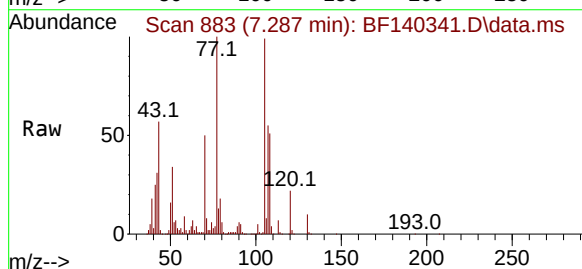
Ion Ratio Lower Upper

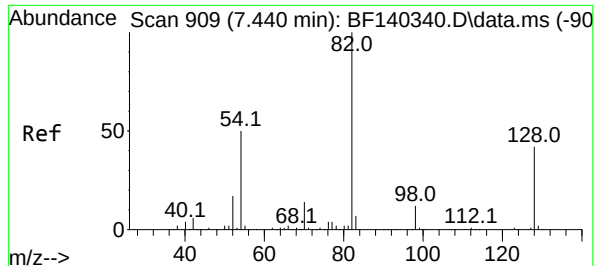
105 100

71 8.3 6.9 10.3

51 34.7 28.6 43.0

120 21.8 17.2 25.8





#23

Nitrobenzene-d5

Concen: 78.511 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

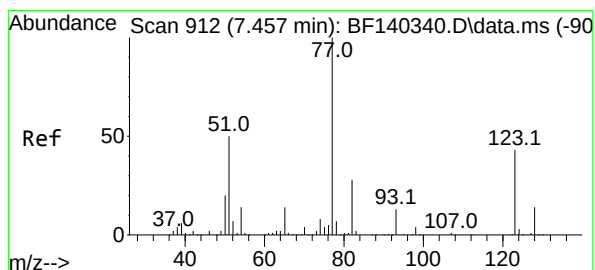
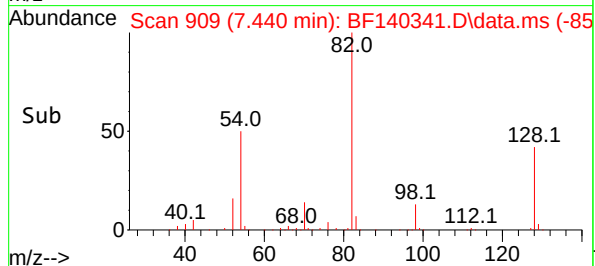
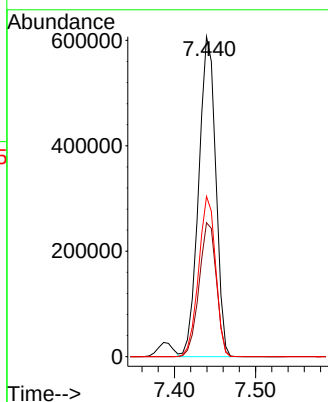
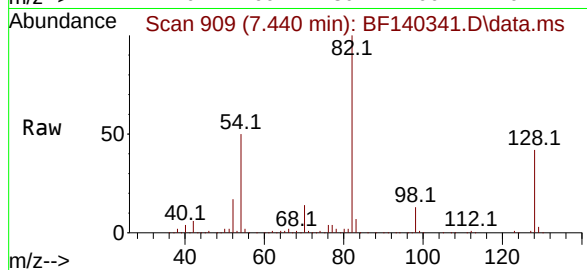
Tgt Ion: 82 Resp: 885901

Ion Ratio Lower Upper

82 100

128 41.8 33.3 49.9

54 50.1 39.8 59.8



#24

Nitrobenzene

Concen: 39.284 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

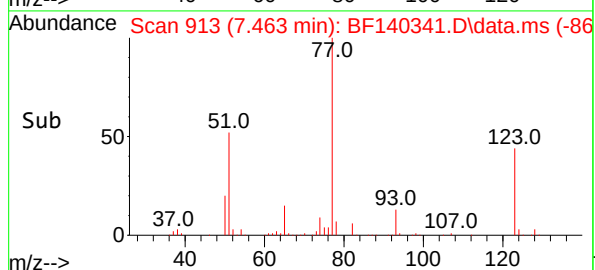
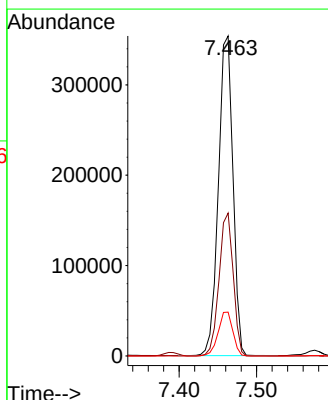
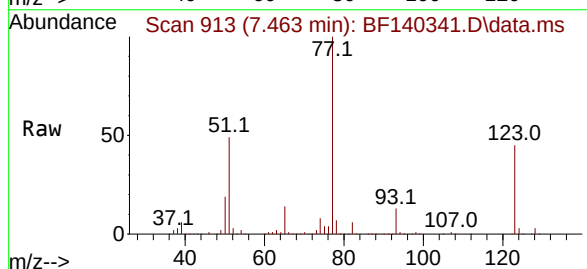
Tgt Ion: 77 Resp: 461518

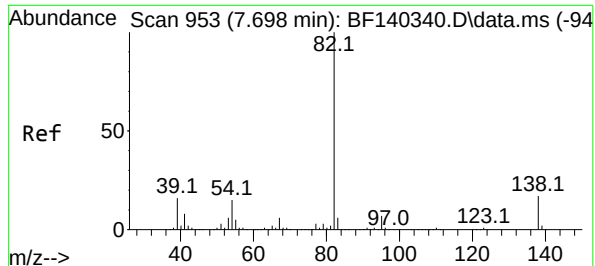
Ion Ratio Lower Upper

77 100

123 44.6 35.4 53.0

65 13.7 11.1 16.7





#25

Isophorone

Concen: 39.558 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

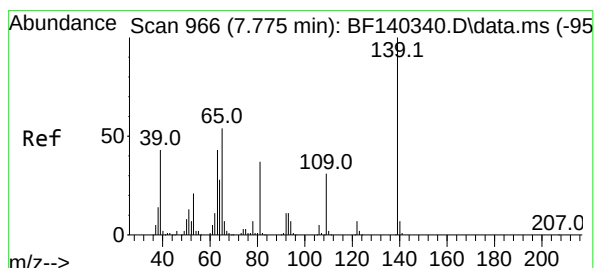
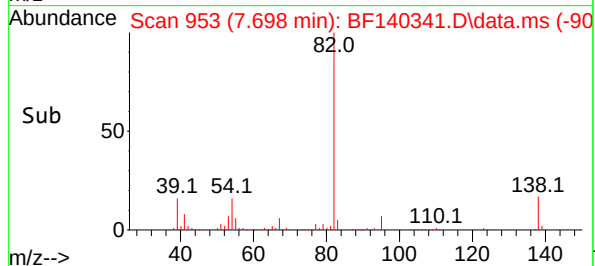
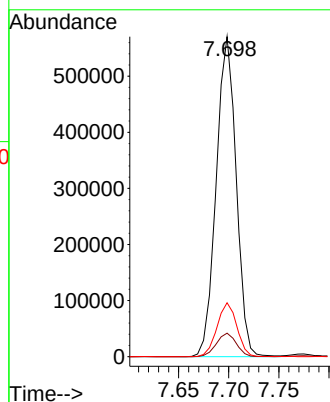
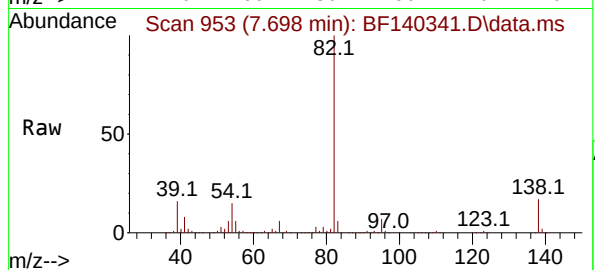
Tgt Ion: 82 Resp: 791096

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 16.8 13.4 20.2



#26

2-Nitrophenol

Concen: 40.850 ng

RT: 7.775 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

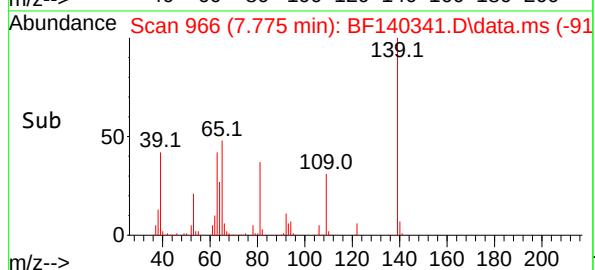
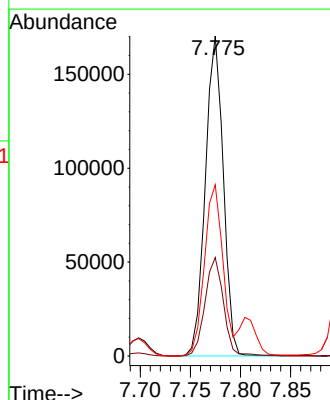
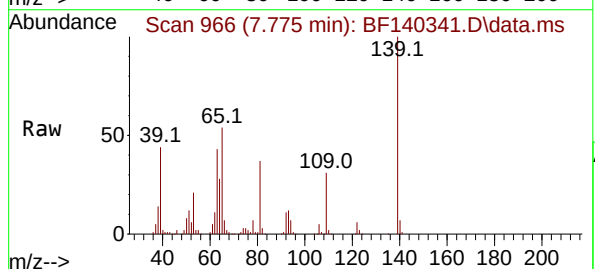
Tgt Ion:139 Resp: 212967

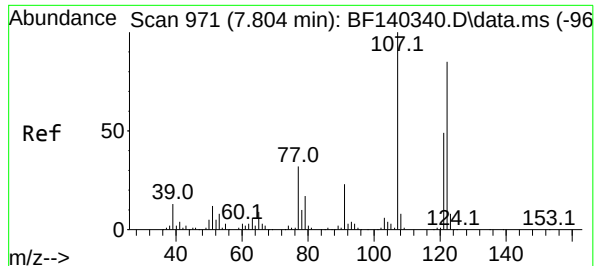
Ion Ratio Lower Upper

139 100

109 30.8 24.4 36.6

65 53.5 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 40.536 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

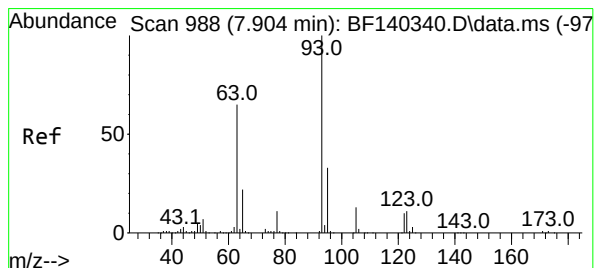
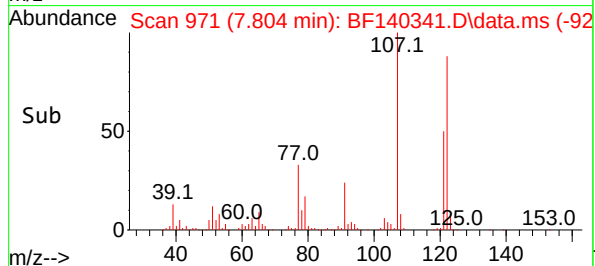
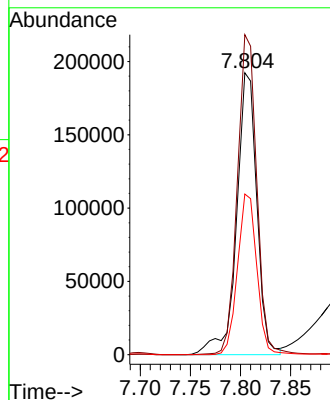
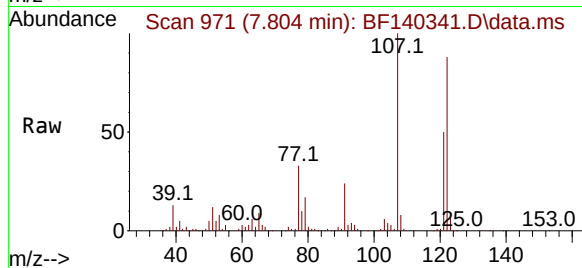
Tgt Ion:122 Resp: 270554

Ion Ratio Lower Upper

122 100

107 113.5 91.3 136.9

121 57.0 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.258 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

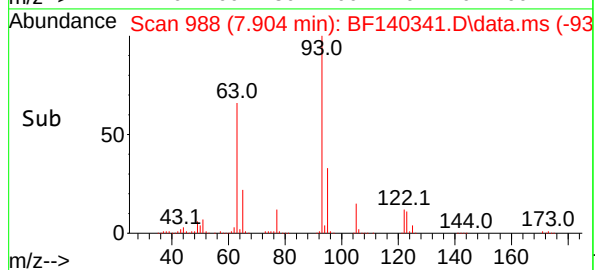
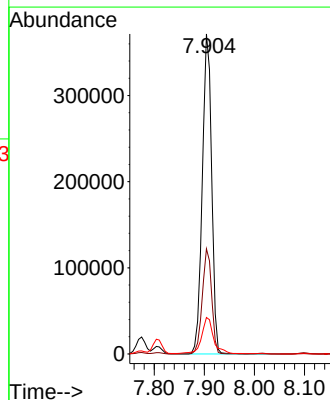
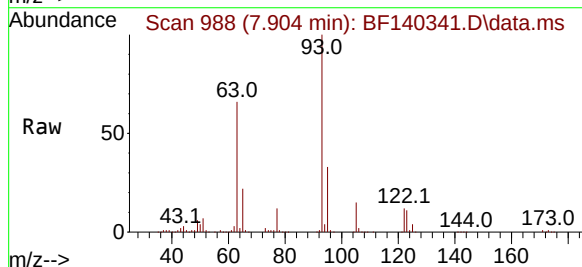
Tgt Ion: 93 Resp: 481393

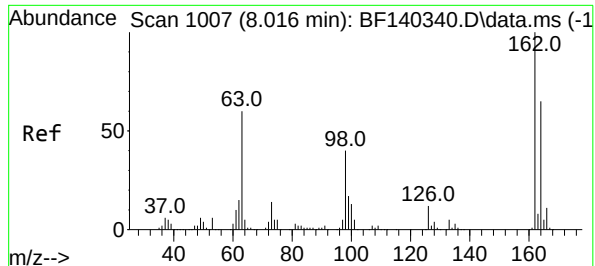
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.545 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

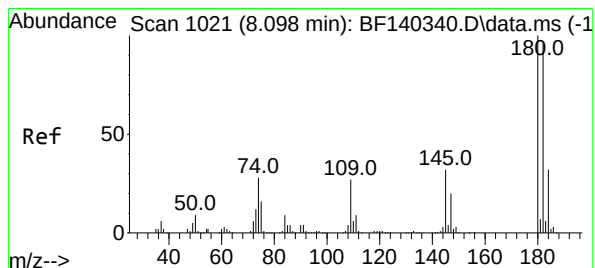
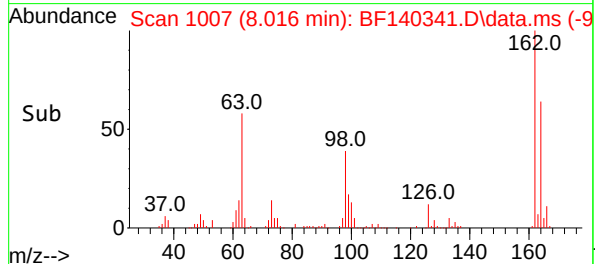
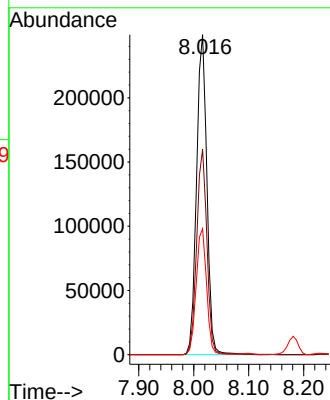
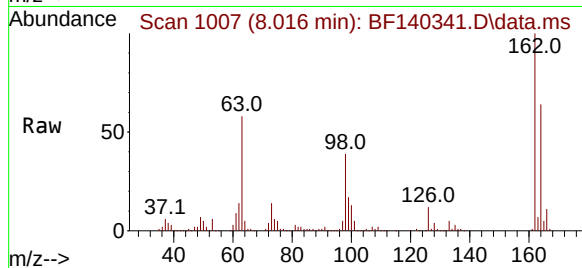
Tgt Ion:162 Resp: 326198

Ion Ratio Lower Upper

162 100

164 64.1 45.4 85.4

98 39.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 38.843 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

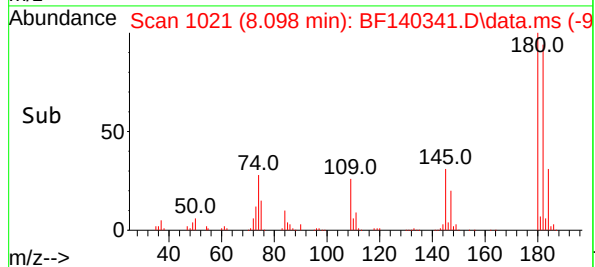
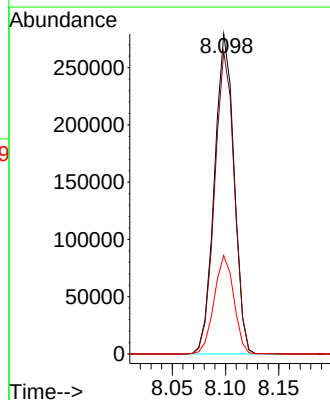
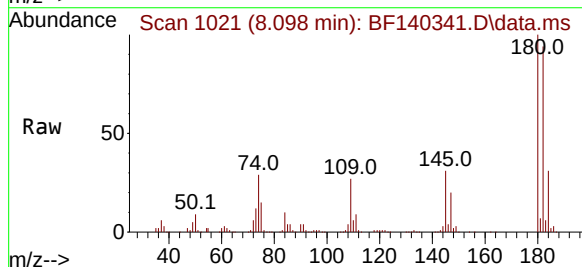
Tgt Ion:180 Resp: 356725

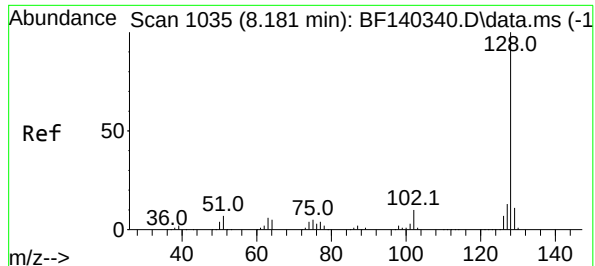
Ion Ratio Lower Upper

180 100

182 94.4 76.5 114.7

145 30.8 25.3 37.9

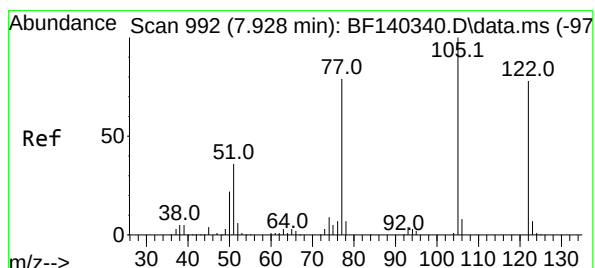
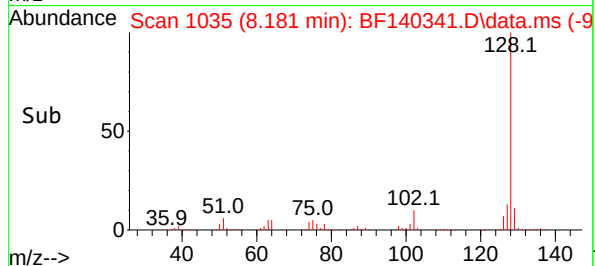
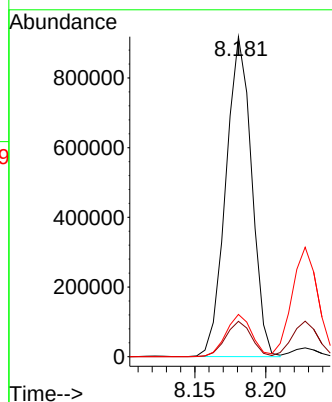
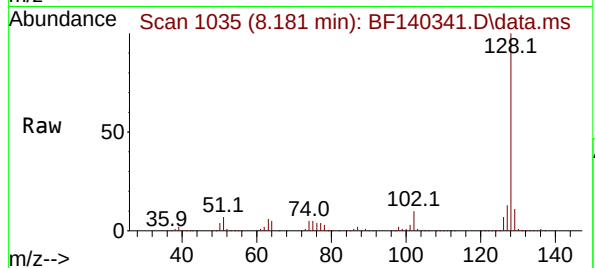




#31
Naphthalene
Concen: 38.889 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

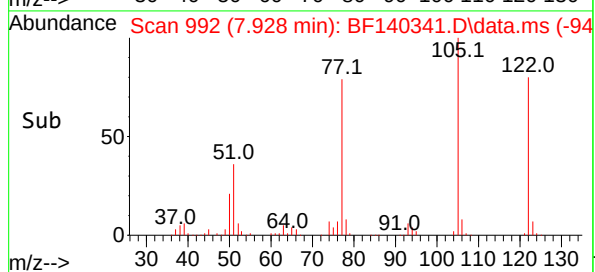
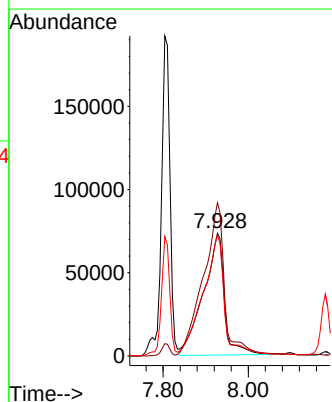
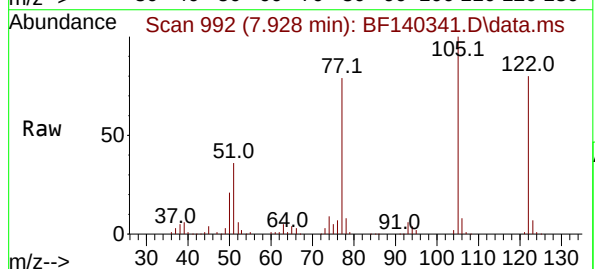
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

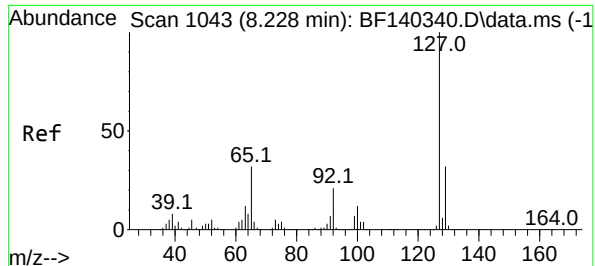
Tgt Ion:128 Resp: 1159811
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 42.635 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:122 Resp: 250402
Ion Ratio Lower Upper
122 100
105 124.8 100.9 140.9
77 98.6 76.0 116.0





#33

4-Chloroaniline

Concen: 38.996 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

Tgt Ion:127 Resp: 404464

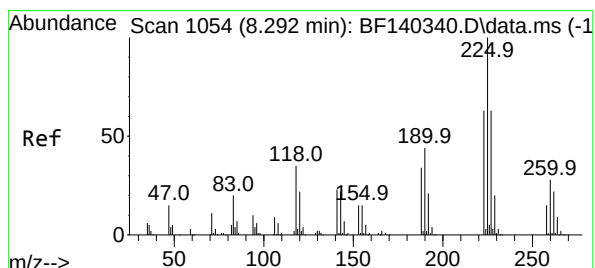
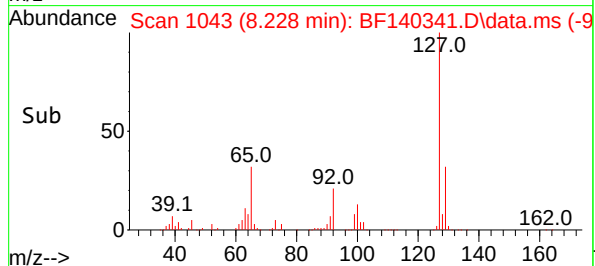
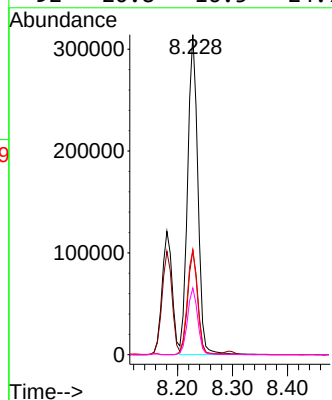
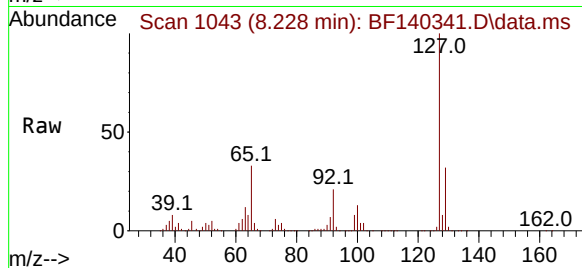
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.4

65 32.8 25.8 38.6

92 20.8 16.5 24.7



#34

Hexachlorobutadiene

Concen: 38.804 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

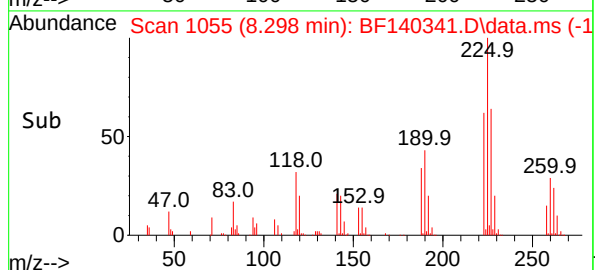
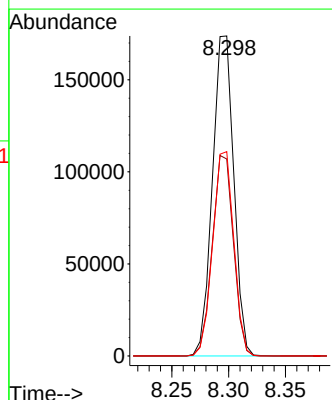
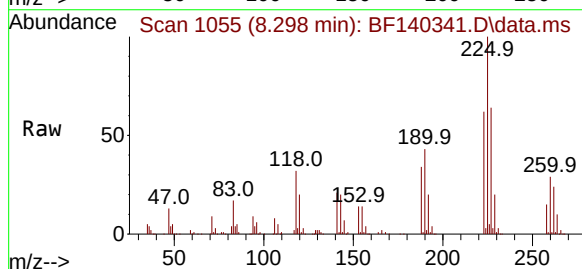
Tgt Ion:225 Resp: 227054

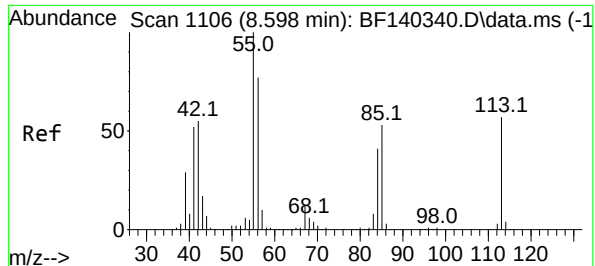
Ion Ratio Lower Upper

225 100

223 61.5 50.1 75.1

227 63.9 51.3 76.9





#35

Caprolactam

Concen: 40.345 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

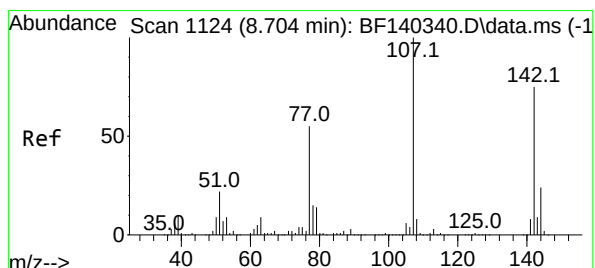
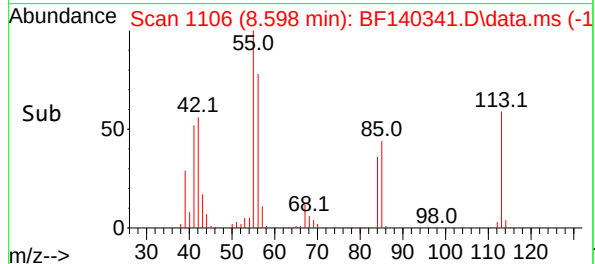
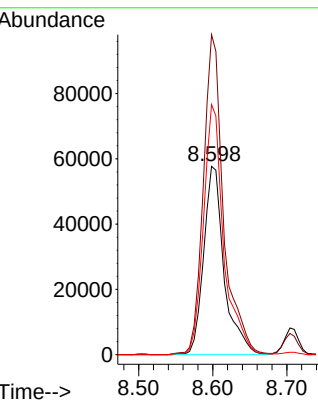
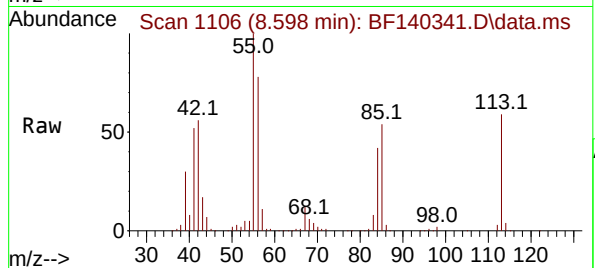
Tgt Ion:113 Resp: 110611

Ion Ratio Lower Upper

113 100

55 169.9 150.0 190.0

56 132.9 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 40.356 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

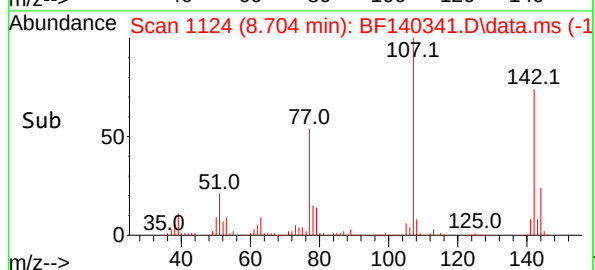
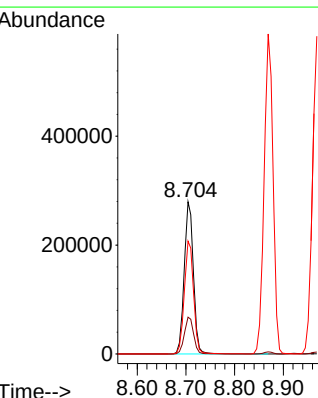
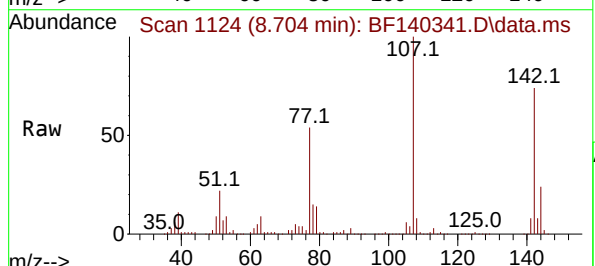
Tgt Ion:107 Resp: 368906

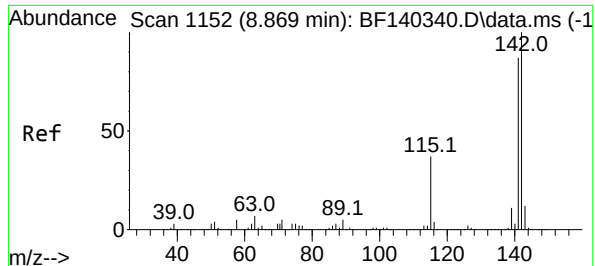
Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

142 74.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 39.072 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

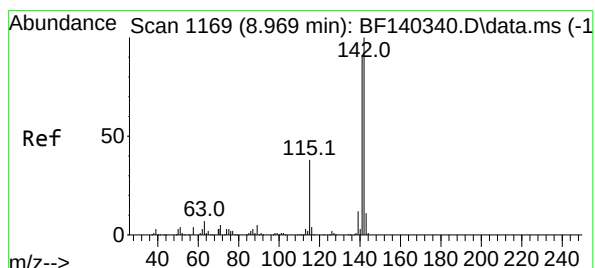
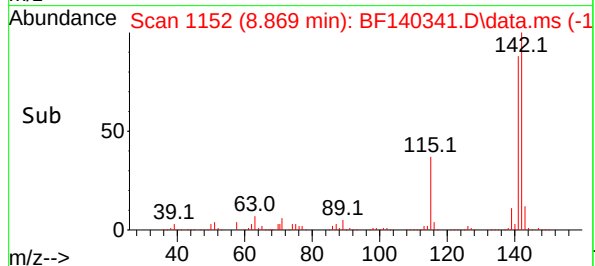
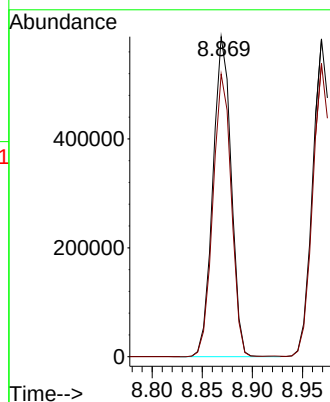
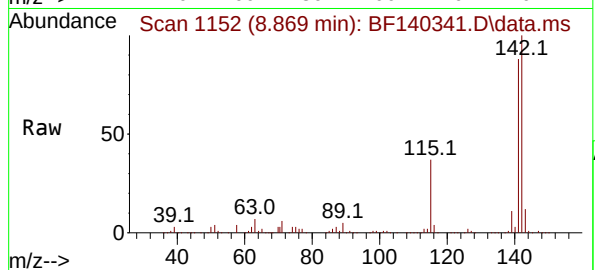
ICVBF111324

Tgt Ion:142 Resp: 747189

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6



#38

1-Methylnaphthalene

Concen: 38.933 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140341.D

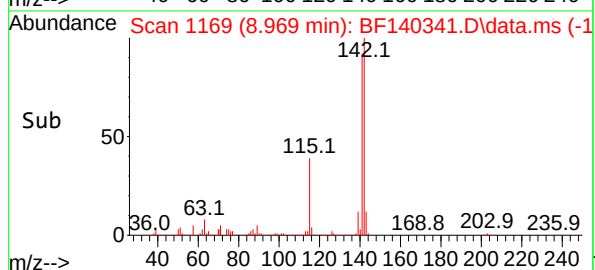
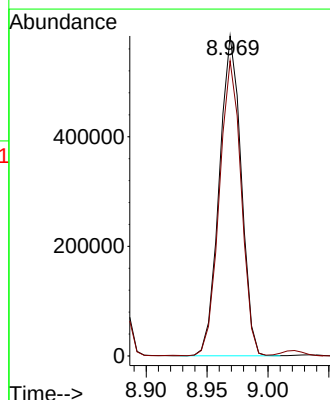
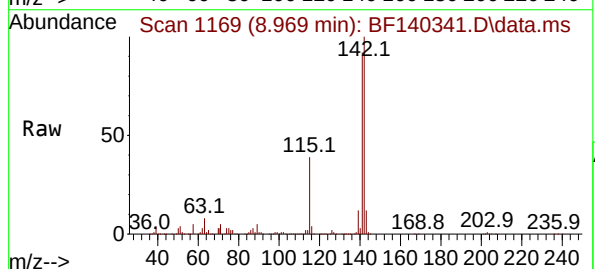
Acq: 13 Nov 2024 13:19

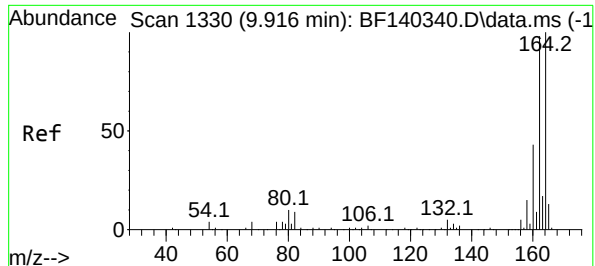
Tgt Ion:142 Resp: 729079

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

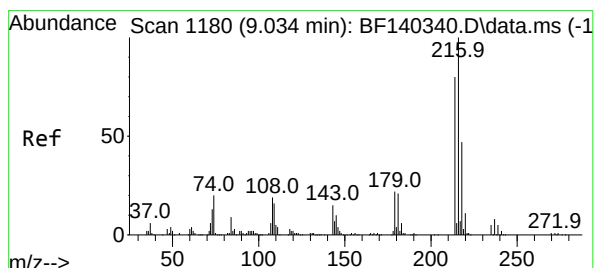
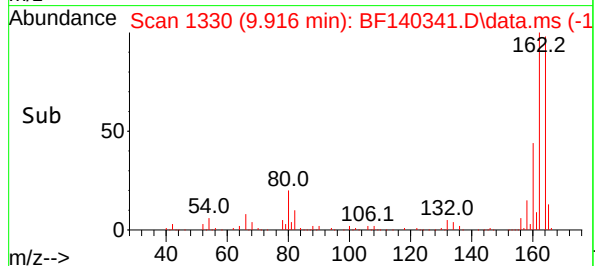
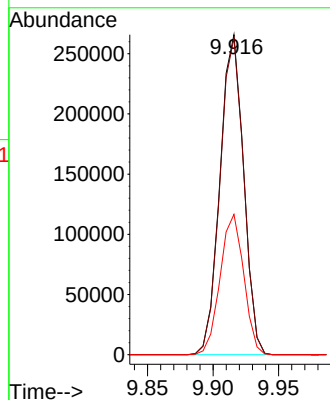
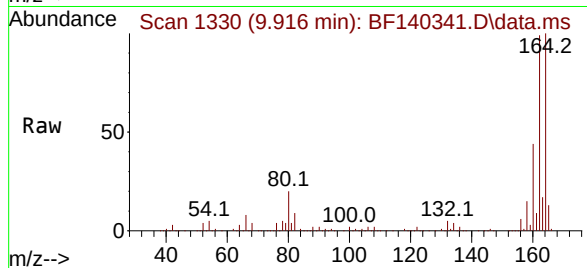
Tgt Ion:164 Resp: 333123

Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.8

160 43.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.657 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Tgt Ion:216 Resp: 356102

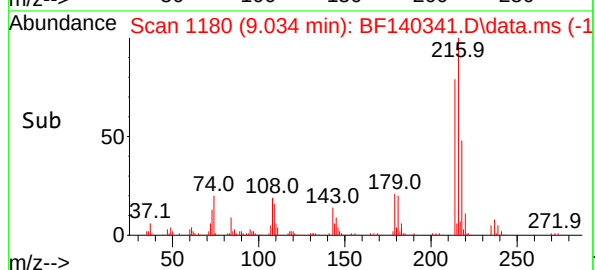
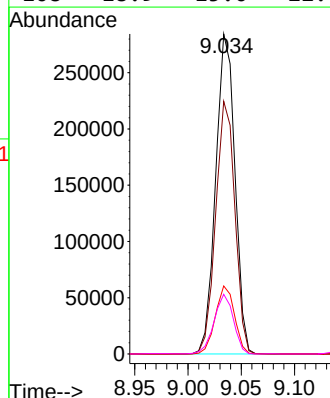
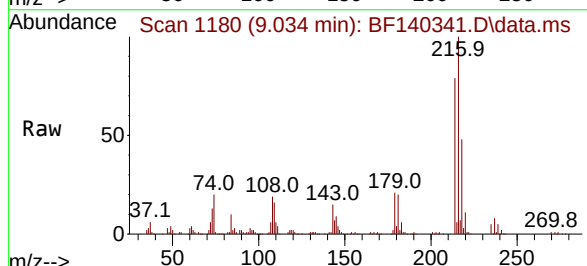
Ion Ratio Lower Upper

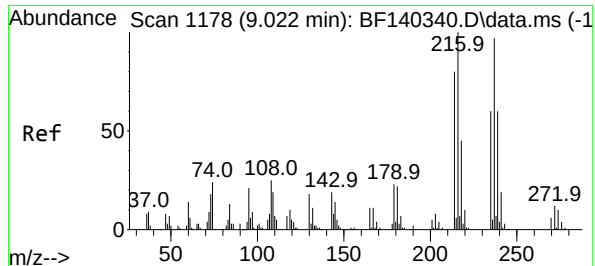
216 100

214 78.9 63.2 94.8

179 21.1 17.2 25.8

108 18.9 15.0 22.4

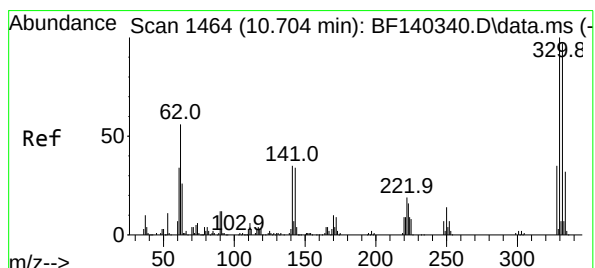
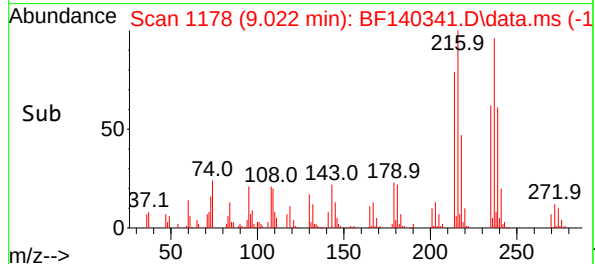
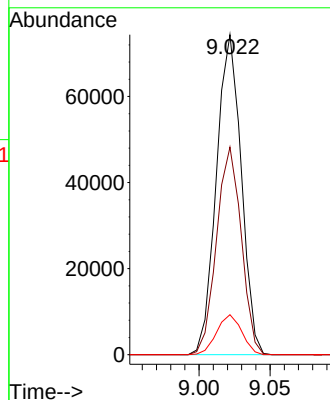
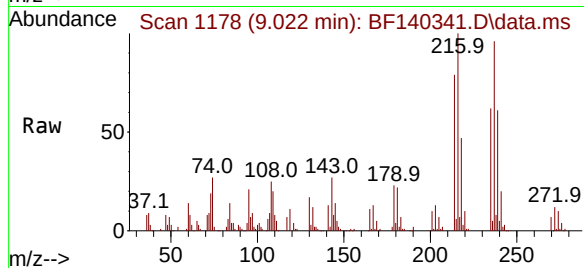




#41
Hexachlorocyclopentadiene
Concen: 38.267 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

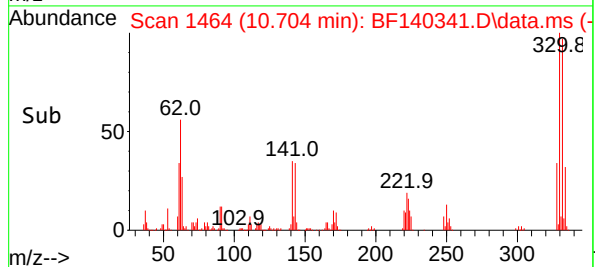
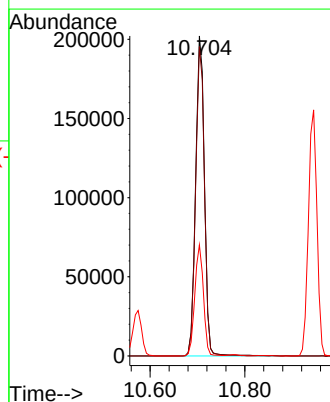
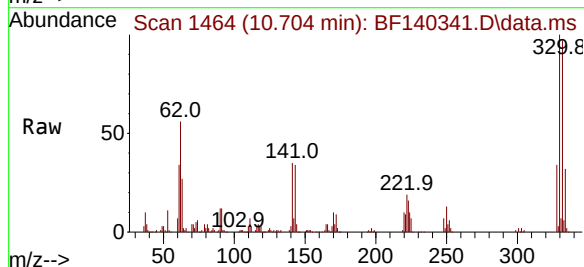
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

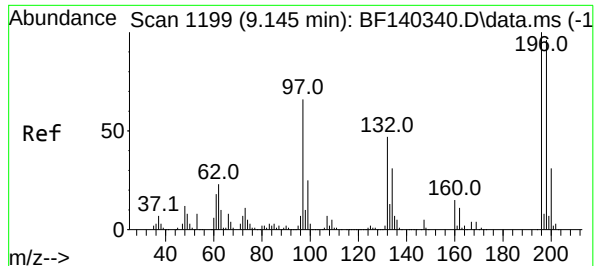
Tgt Ion:	237	Resp:	90509
Ion Ratio	Lower	Upper	
237	100		
235	64.9	42.8	82.8
272	12.5	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 78.617 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:	330	Resp:	260432
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.9	113.9
141	34.0	26.9	40.3





#43

2,4,6-Trichlorophenol

Concen: 39.769 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

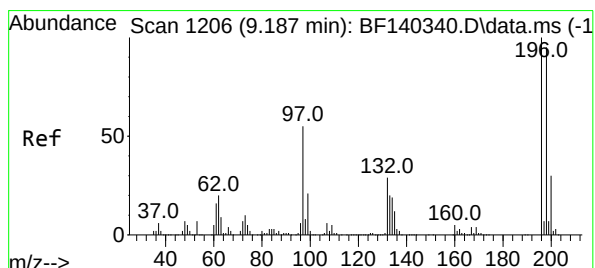
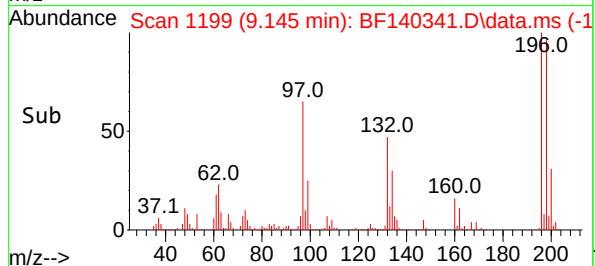
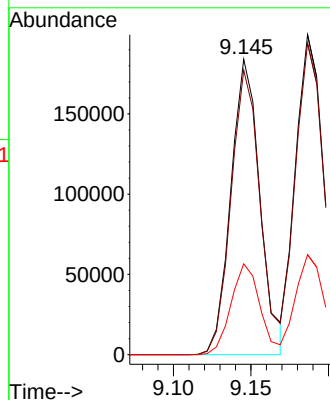
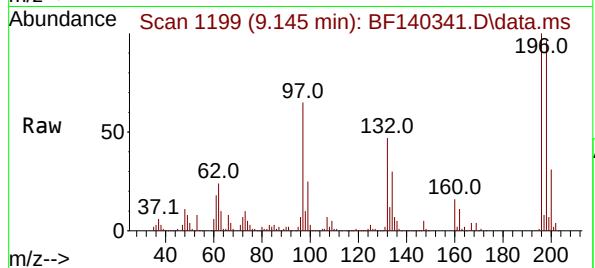
Tgt Ion:196 Resp: 240423

Ion Ratio Lower Upper

196 100

198 96.2 77.0 115.4

200 30.8 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 38.542 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Tgt Ion:196 Resp: 254749

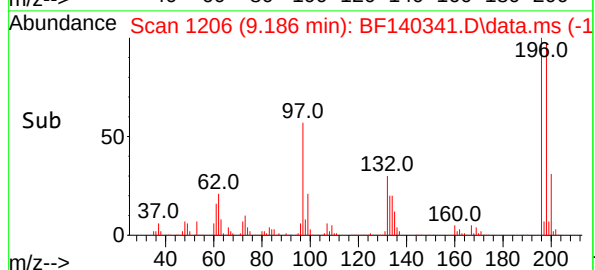
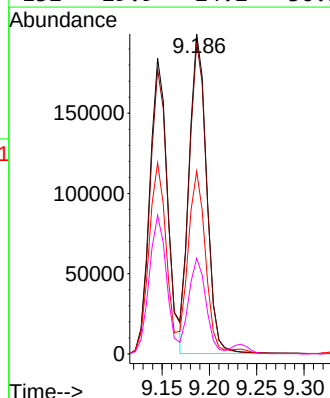
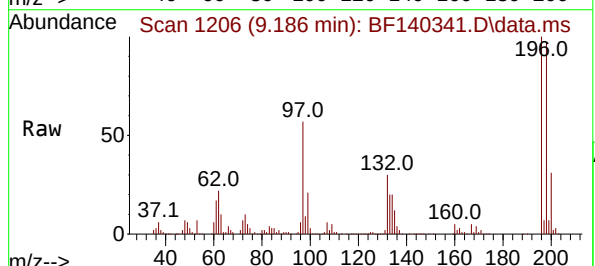
Ion Ratio Lower Upper

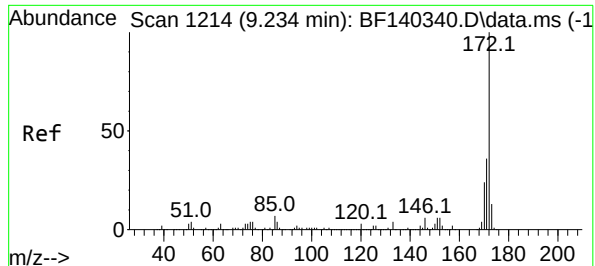
196 100

198 97.4 77.6 116.4

97 57.1 45.4 68.2

132 29.9 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 75.707 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

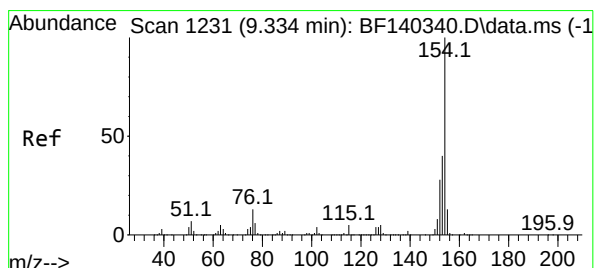
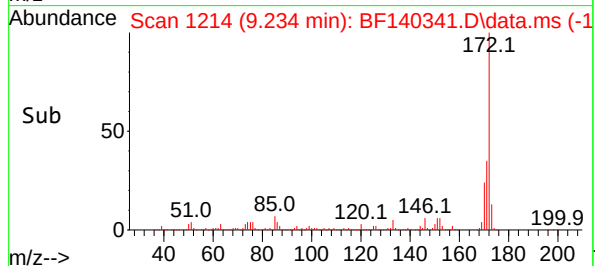
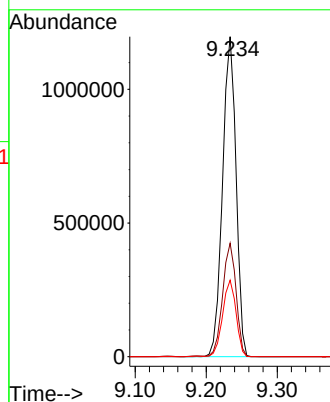
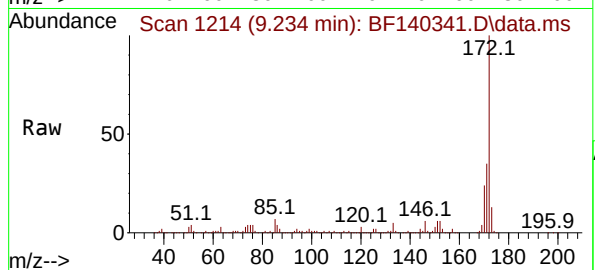
Tgt Ion:172 Resp: 1568824

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.068 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

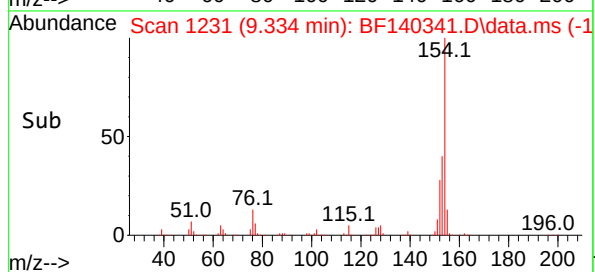
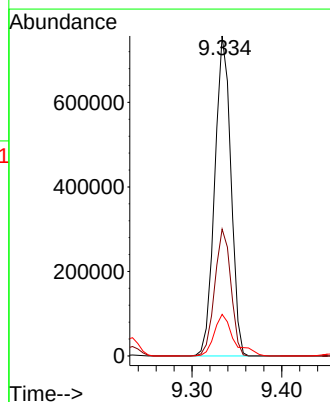
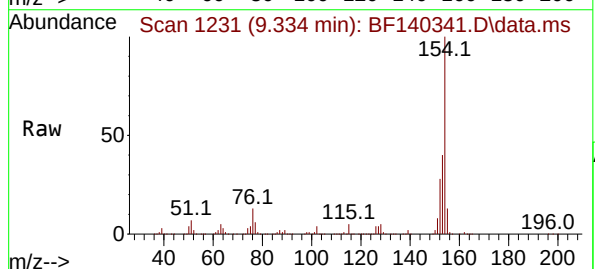
Tgt Ion:154 Resp: 946801

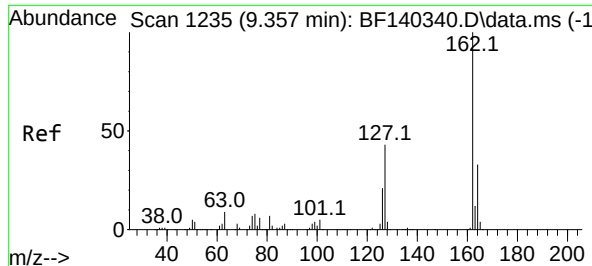
Ion Ratio Lower Upper

154 100

153 39.7 20.4 60.4

76 13.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 38.543 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

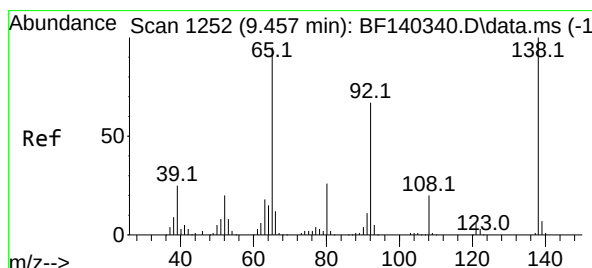
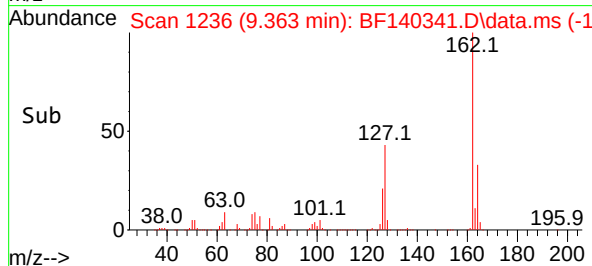
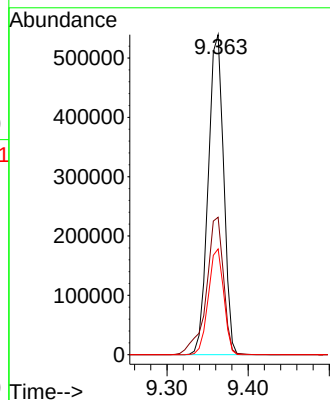
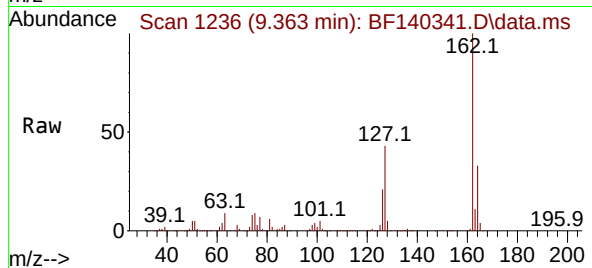
Tgt Ion:162 Resp: 711544

Ion Ratio Lower Upper

162 100

127 43.0 34.0 51.0

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 39.821 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

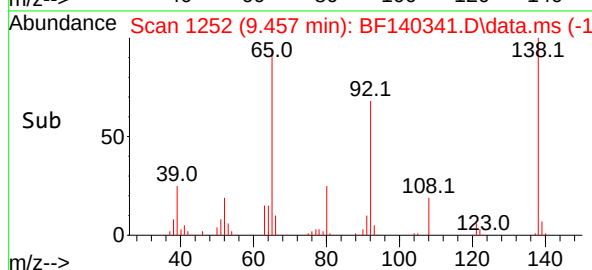
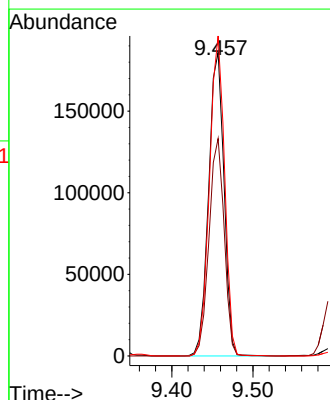
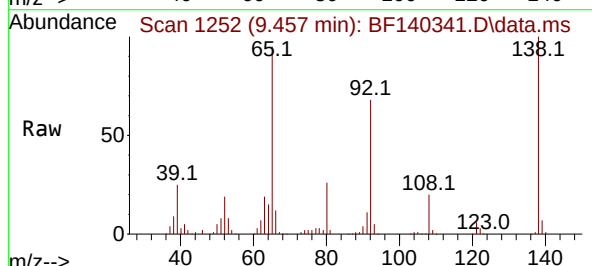
Tgt Ion: 65 Resp: 243803

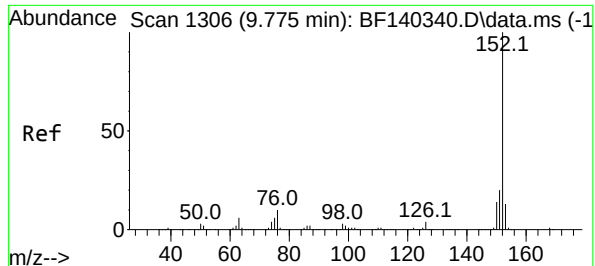
Ion Ratio Lower Upper

65 100

92 71.6 56.4 84.6

138 105.4 84.8 127.2





#49

Acenaphthylene

Concen: 38.962 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

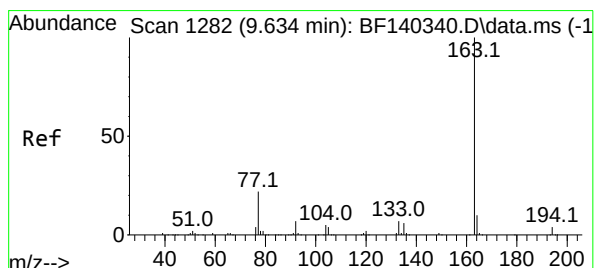
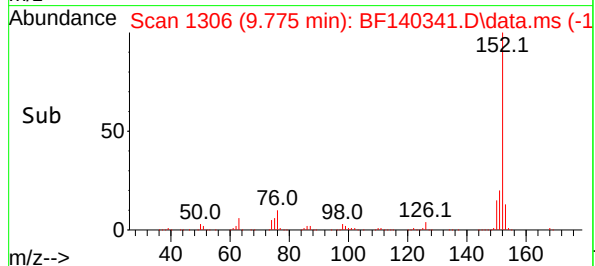
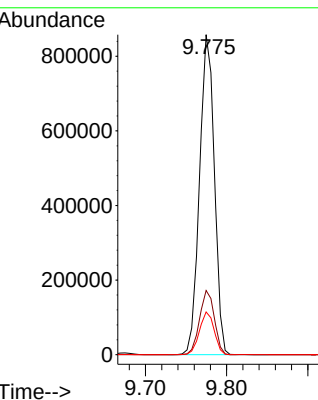
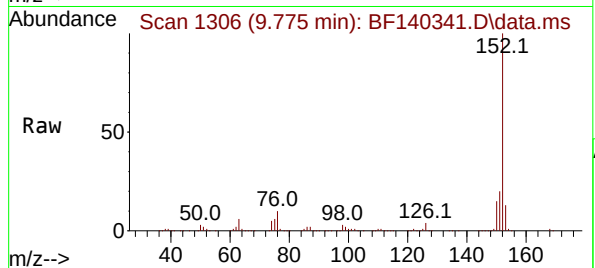
BNA_F

ClientSampleId :

ICVBF111324

Tgt Ion:152 Resp: 1088251

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.3	10.7	16.1



#50

Dimethylphthalate

Concen: 38.933 ng

RT: 9.634 min Scan# 1282

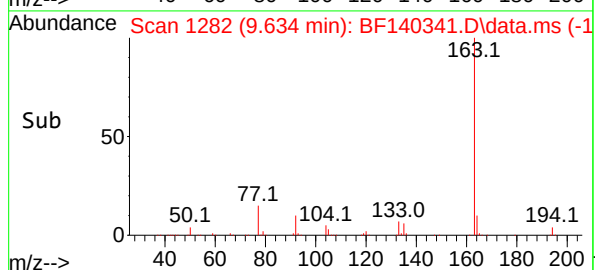
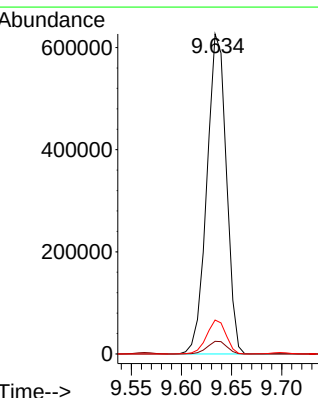
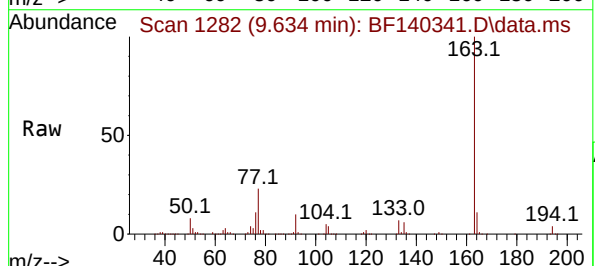
Delta R.T. -0.000 min

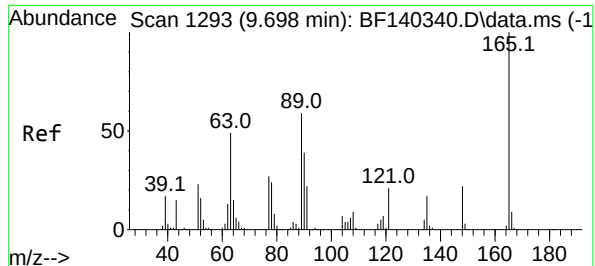
Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Tgt Ion:163 Resp: 845361

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.6	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 39.952 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

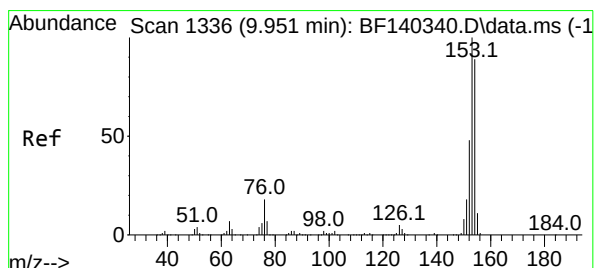
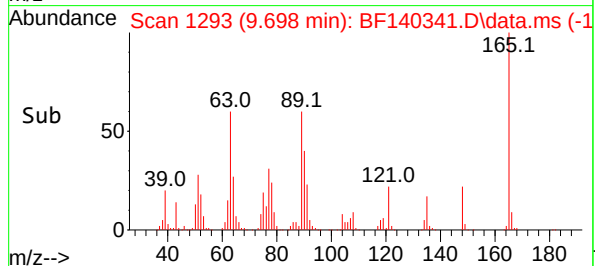
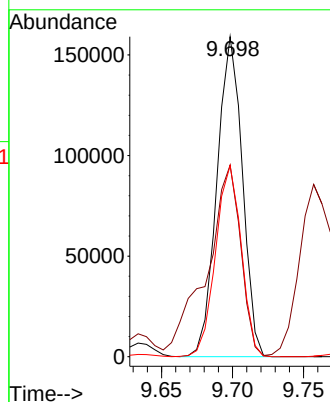
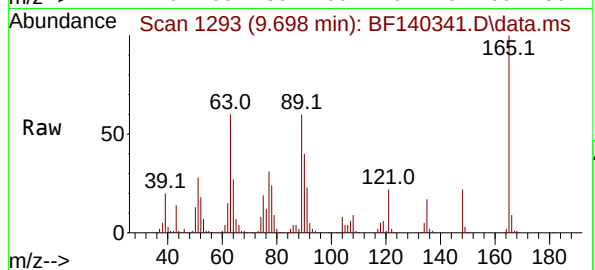
Tgt Ion:165 Resp: 197768

Ion Ratio Lower Upper

165 100

63 59.9 47.6 71.4

89 59.7 48.1 72.1



#52

Acenaphthene

Concen: 39.143 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

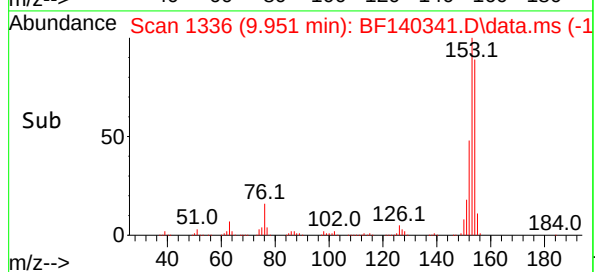
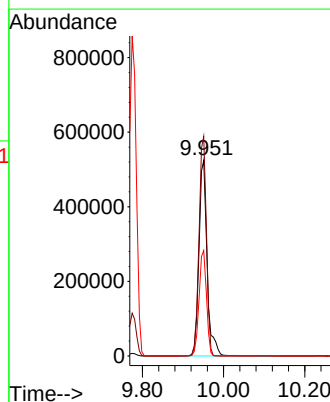
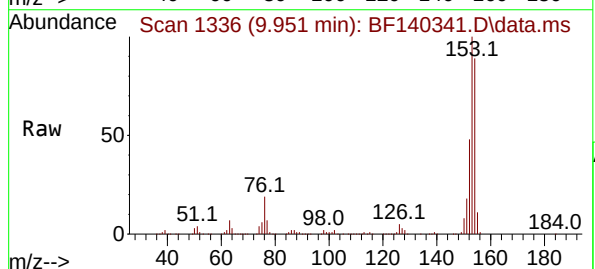
Tgt Ion:154 Resp: 738443

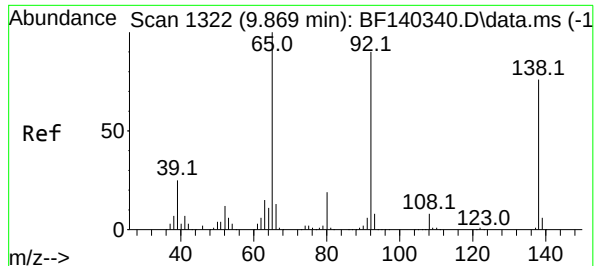
Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.8

152 53.9 42.6 64.0

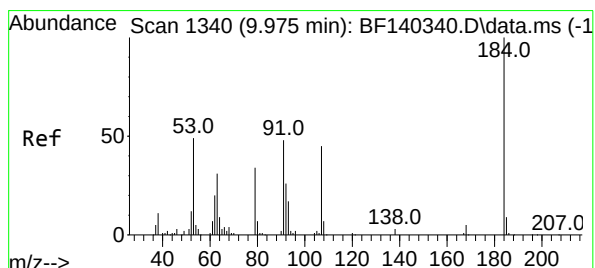
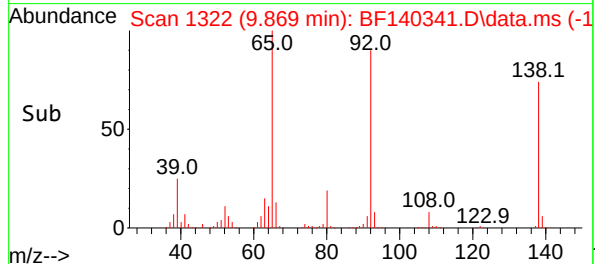
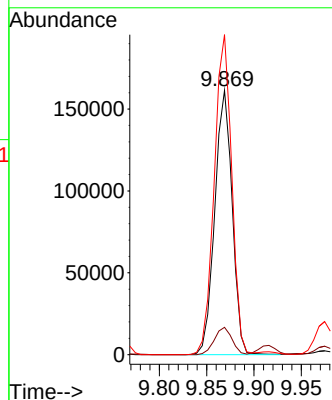
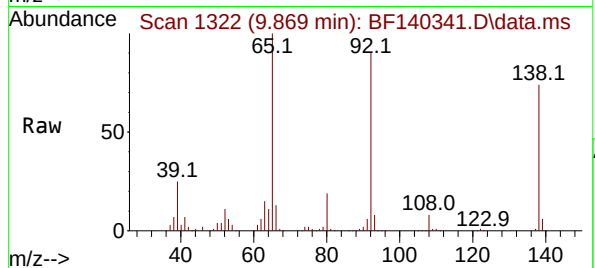




#53
3-Nitroaniline
Concen: 39.809 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

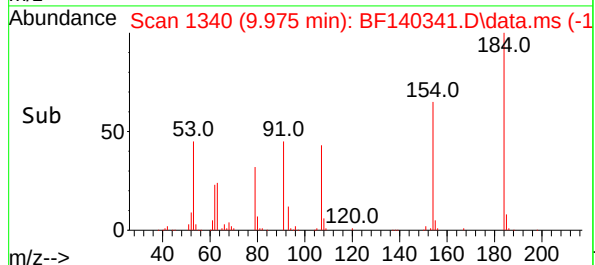
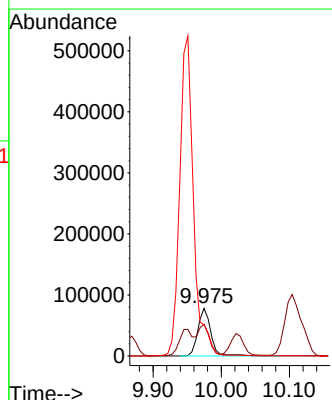
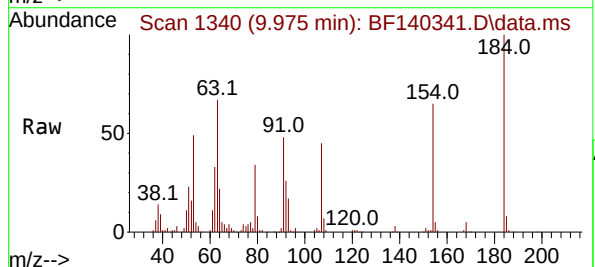
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

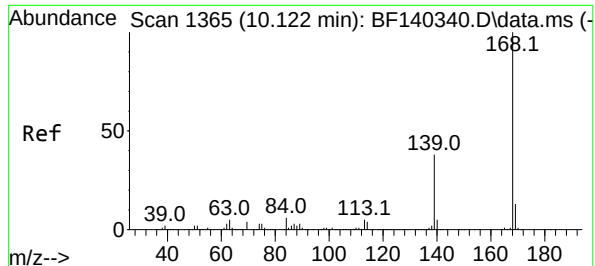
Tgt Ion:138 Resp: 206946
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 121.1 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 40.153 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:184 Resp: 102497
Ion Ratio Lower Upper
184 100
63 66.9 53.5 80.3
154 65.2 51.3 76.9





#55

Dibenzenofuran

Concen: 39.280 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

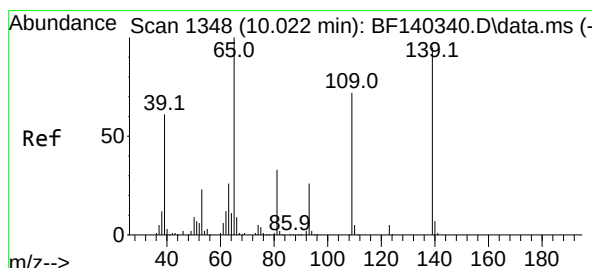
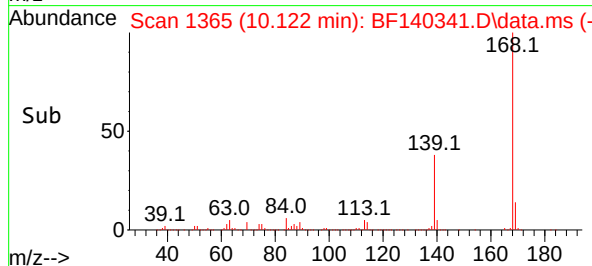
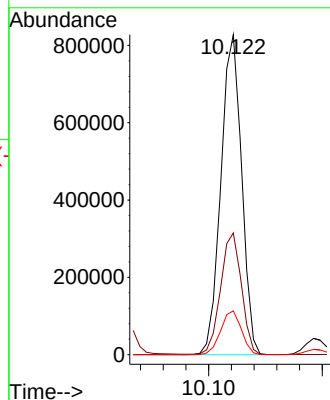
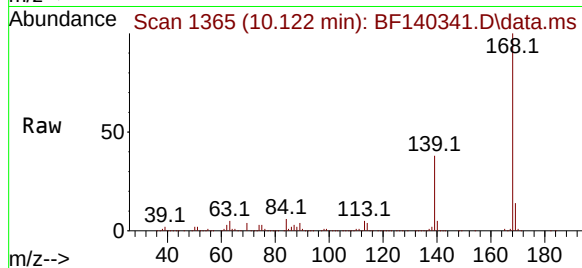
Tgt Ion:168 Resp: 1049030

Ion Ratio Lower Upper

168 100

139 38.0 30.8 46.2

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 41.782 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

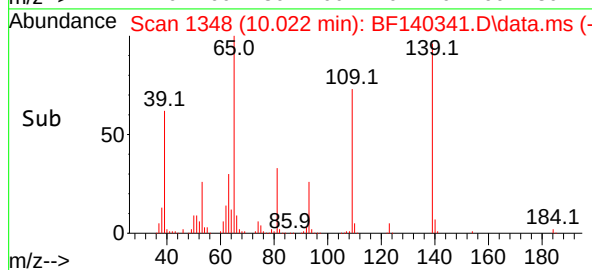
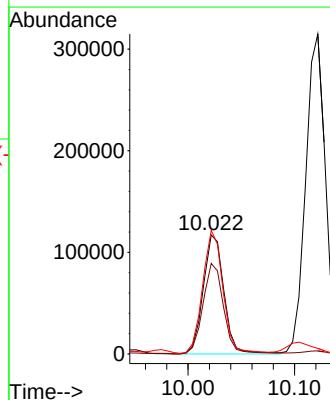
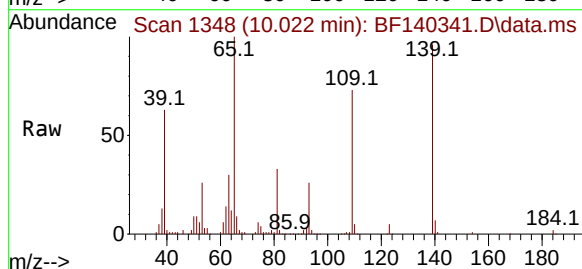
Tgt Ion:139 Resp: 158431

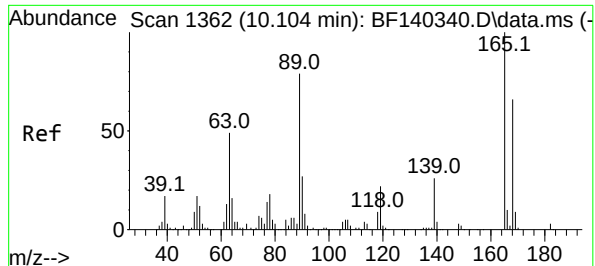
Ion Ratio Lower Upper

139 100

109 76.1 54.5 94.5

65 103.9 84.4 124.4

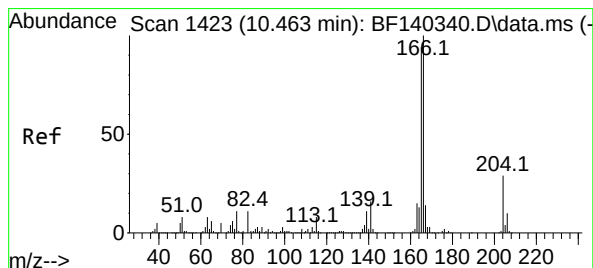
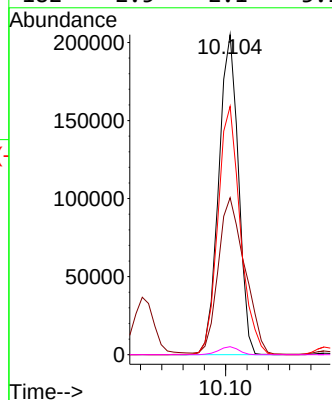
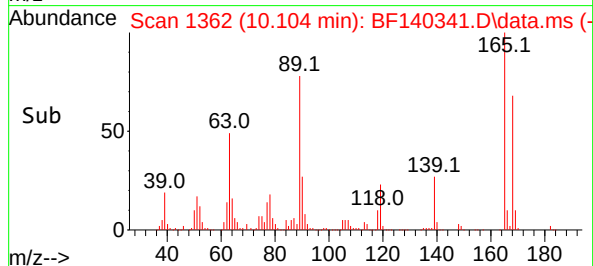
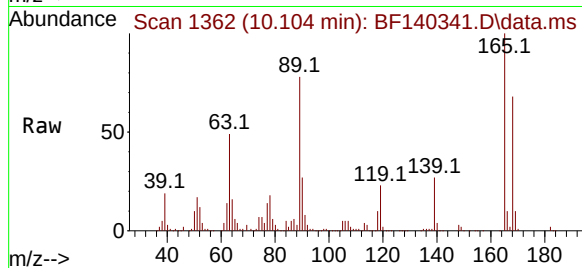




#57
2,4-Dinitrotoluene
Concen: 40.258 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

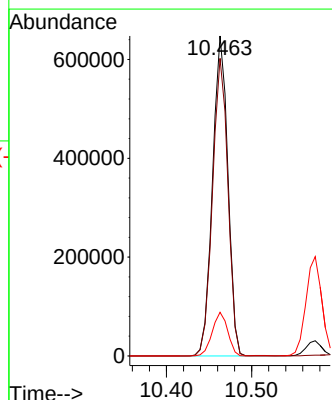
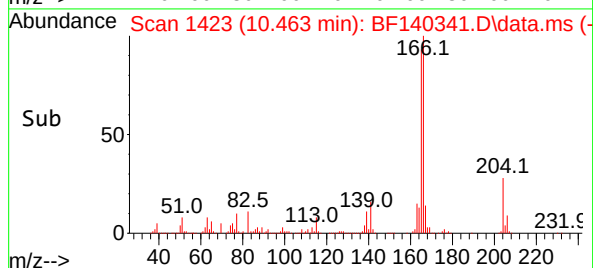
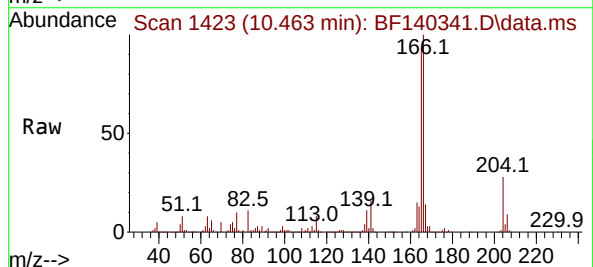
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

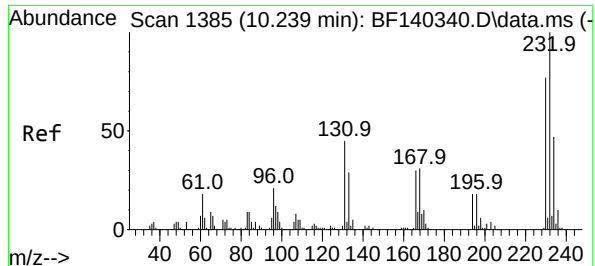
Tgt Ion:165 Resp: 262271
Ion Ratio Lower Upper
165 100
63 49.1 39.4 59.0
89 77.6 62.4 93.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 38.457 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:166 Resp: 811348
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.6 10.9 16.3

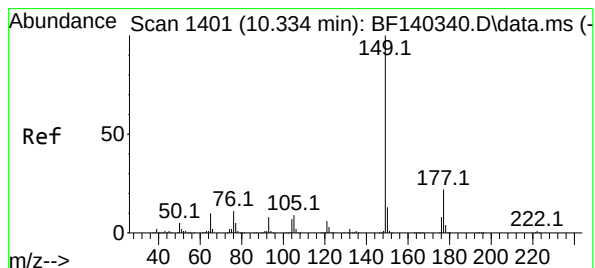
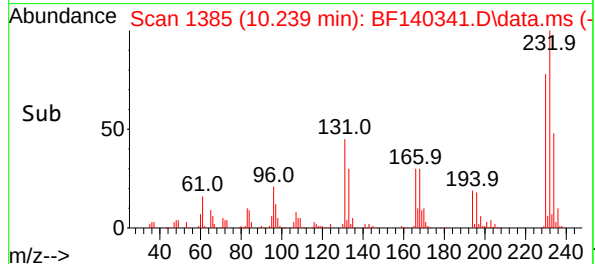
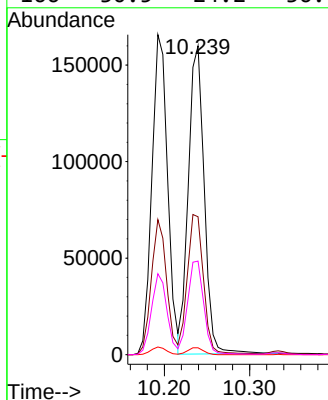
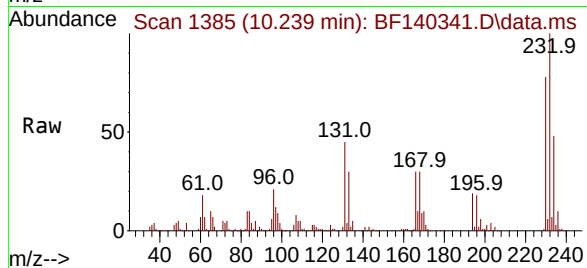




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.601 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

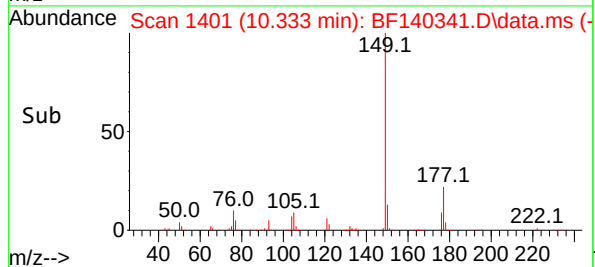
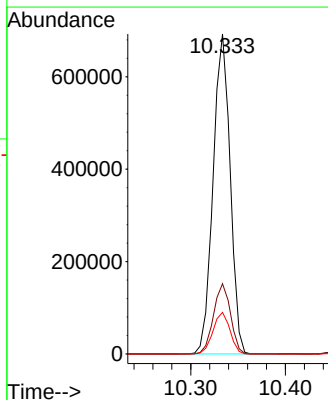
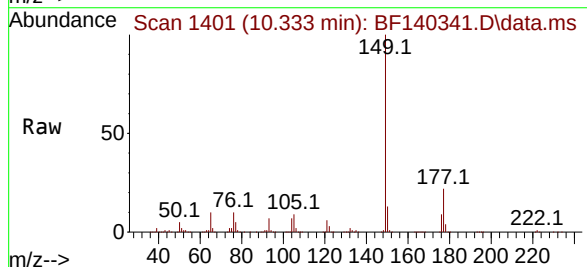
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

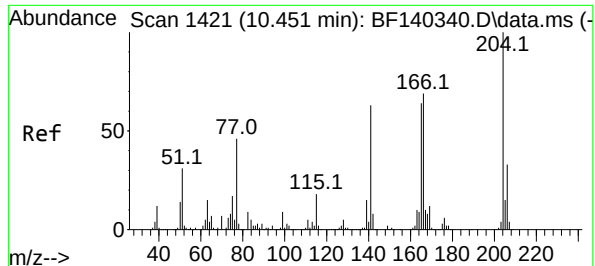
Tgt Ion:232 Resp: 206672
Ion Ratio Lower Upper
232 100
131 46.5 36.8 55.2
130 2.3 1.9 2.9
166 30.5 24.2 36.4



#60
Diethylphthalate
Concen: 38.945 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:149 Resp: 864678
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 13.0 10.1 15.1

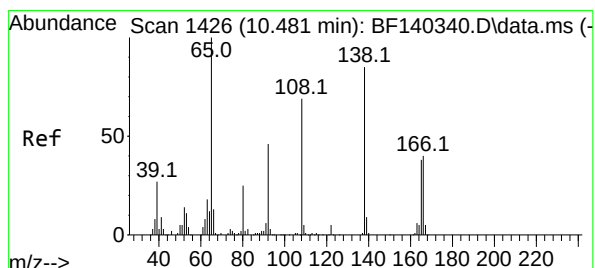
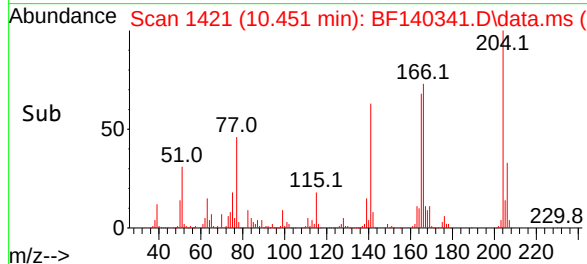
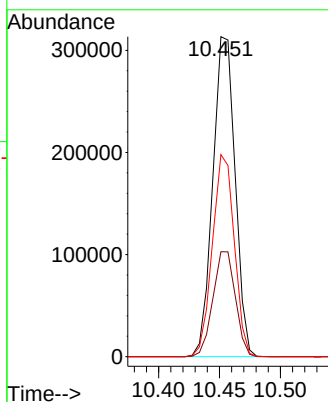
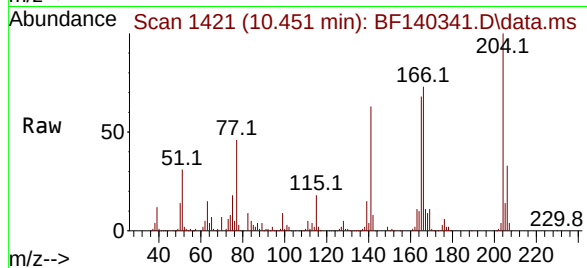




#61
4-Chlorophenyl-phenylether
Concen: 38.465 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

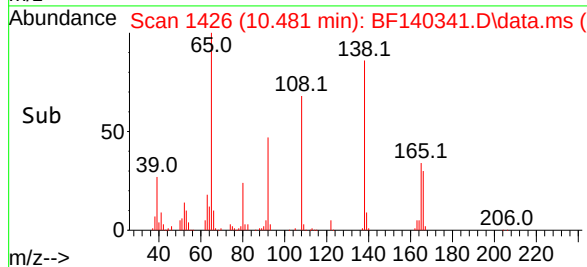
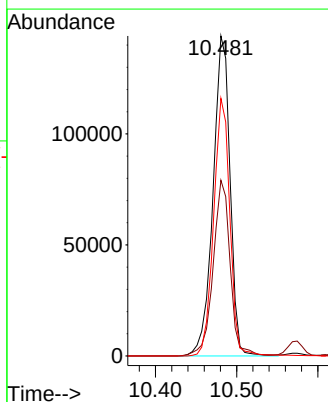
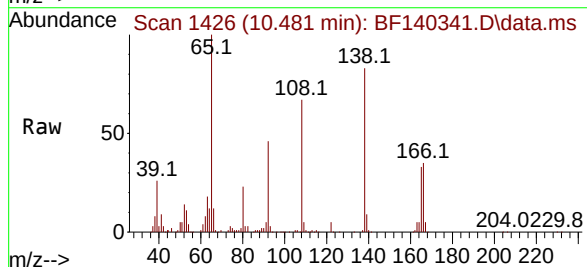
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

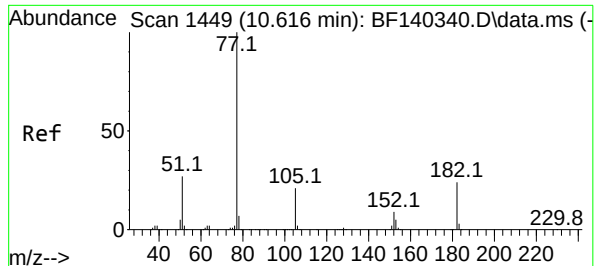
Tgt Ion:204 Resp: 400645
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 63.2 49.8 74.8



#62
4-Nitroaniline
Concen: 39.561 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:138 Resp: 210281
Ion Ratio Lower Upper
138 100
92 54.9 33.8 73.8
108 80.5 59.9 99.9

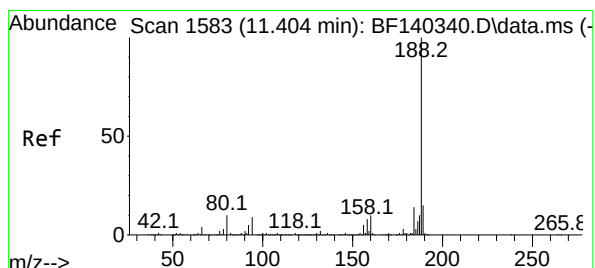
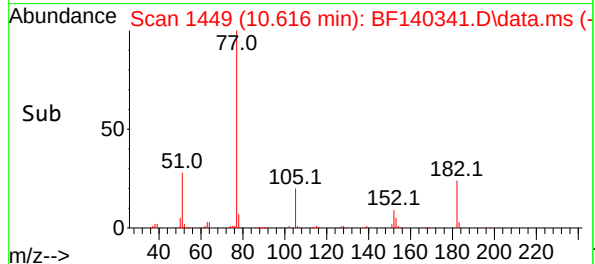
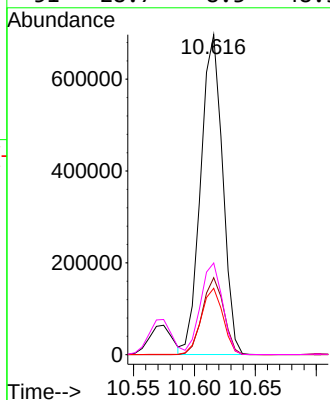
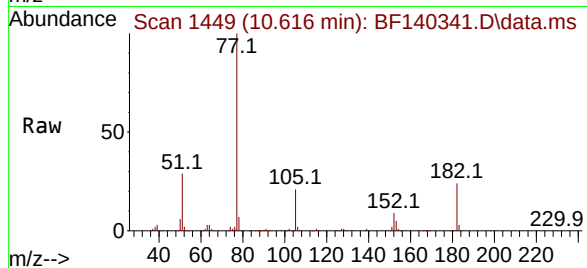




#63
Azobenzene
Concen: 39.649 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

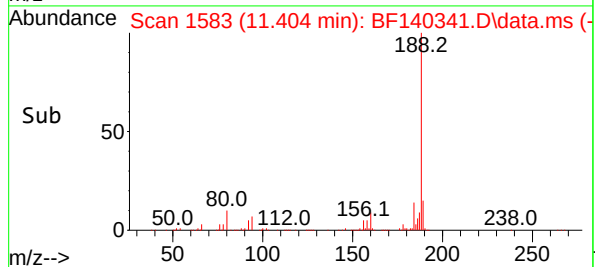
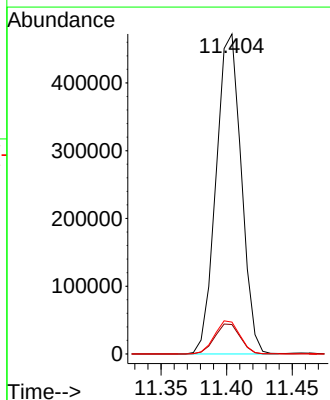
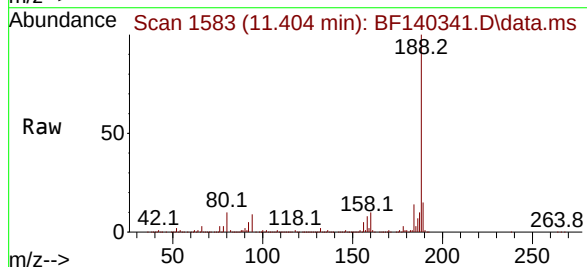
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

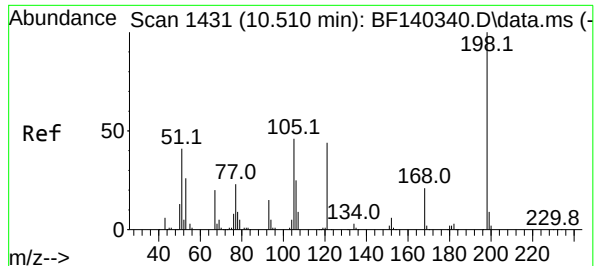
Tgt Ion: 77	Resp: 869821
Ion Ratio	Lower Upper
77	100
182	24.0 4.6 44.6
105	20.8 0.9 40.9
51	28.7 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion: 188	Resp: 631059
Ion Ratio	Lower Upper
188	100
94	9.2 7.6 11.4
80	10.0 8.0 12.0

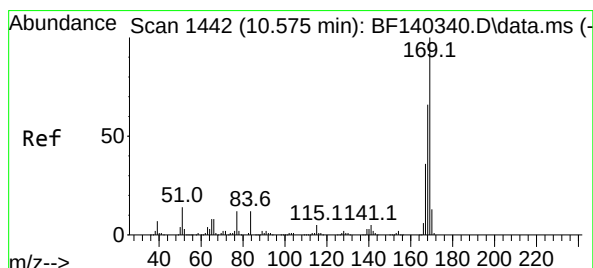
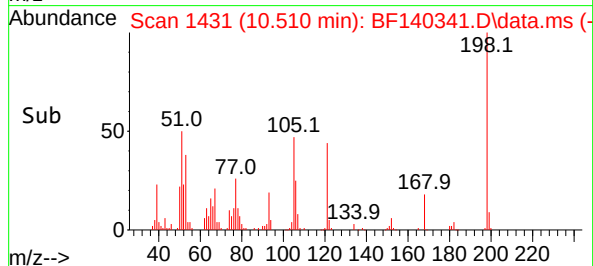
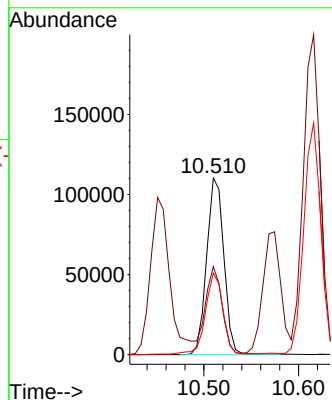
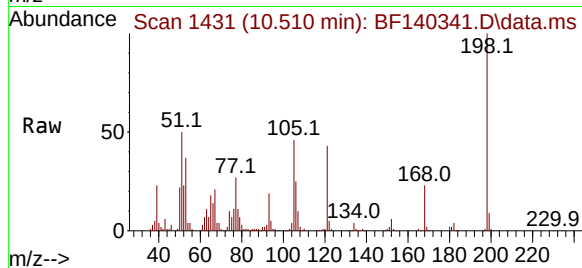




#65
4,6-Dinitro-2-methylphenol
Concen: 41.144 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

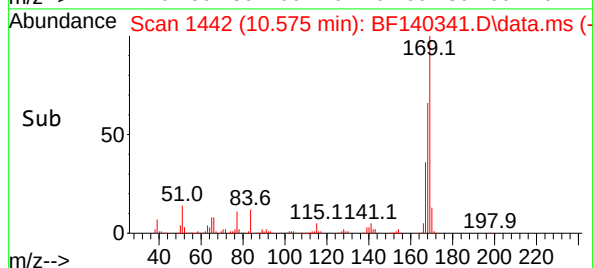
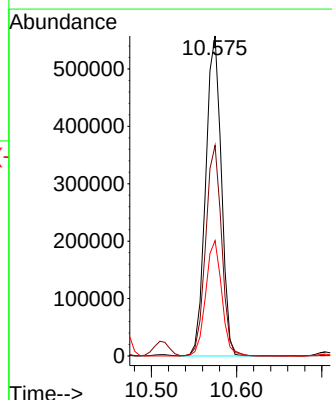
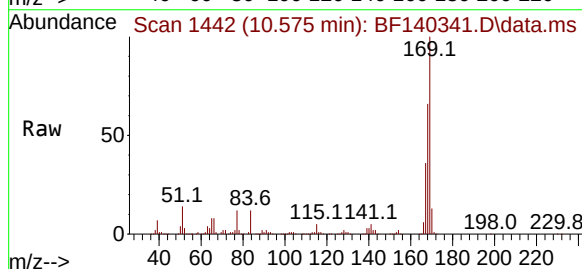
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

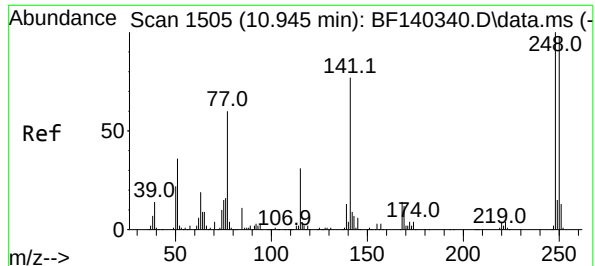
Tgt Ion:198 Resp: 139694
Ion Ratio Lower Upper
198 100
51 49.8 29.7 69.7
105 46.3 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 38.926 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:169 Resp: 709758
Ion Ratio Lower Upper
169 100
168 65.8 52.7 79.1
167 36.1 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 39.059 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

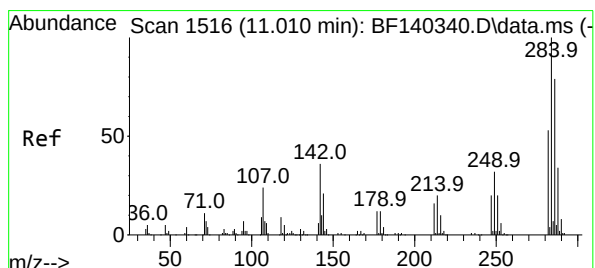
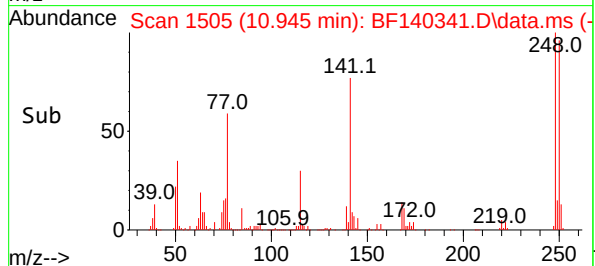
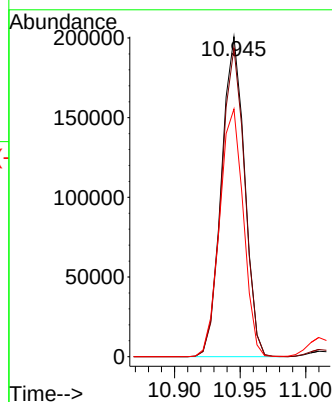
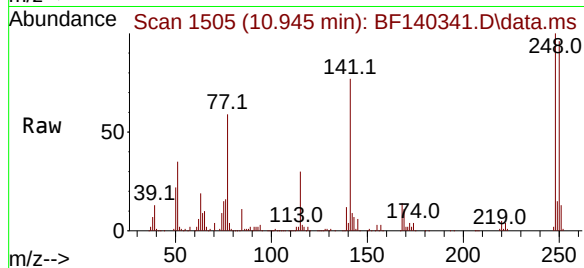
Tgt Ion:248 Resp: 246390

Ion Ratio Lower Upper

248 100

250 96.5 77.9 116.9

141 77.4 61.8 92.6



#68

Hexachlorobenzene

Concen: 39.043 ng

RT: 11.010 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

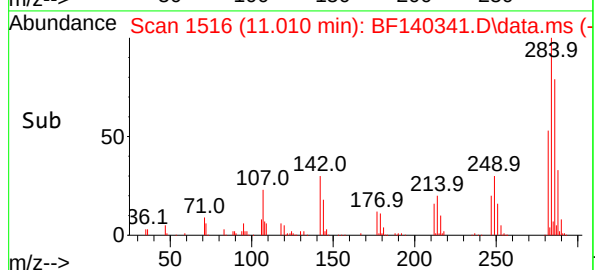
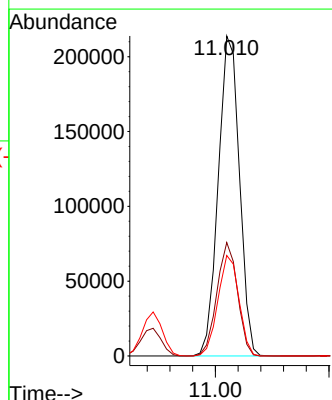
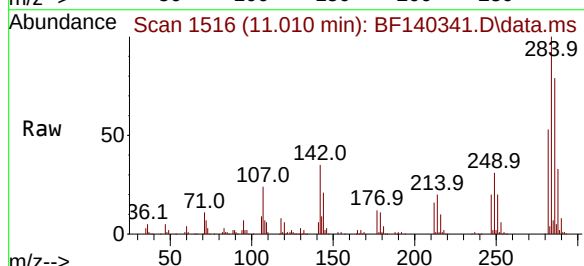
Tgt Ion:284 Resp: 277113

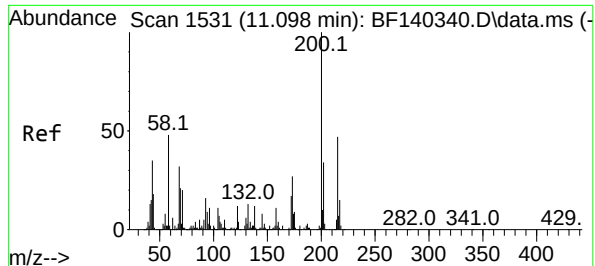
Ion Ratio Lower Upper

284 100

142 35.5 28.1 42.1

249 31.4 24.9 37.3





#69

Atrazine

Concen: 32.640 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

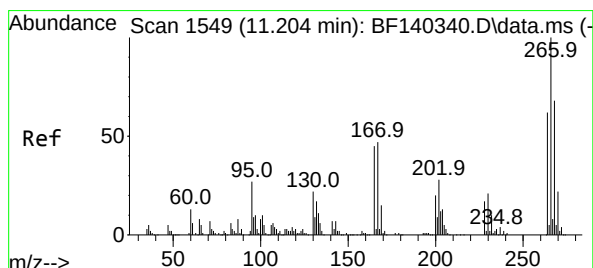
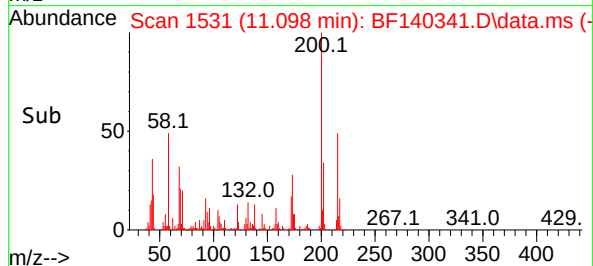
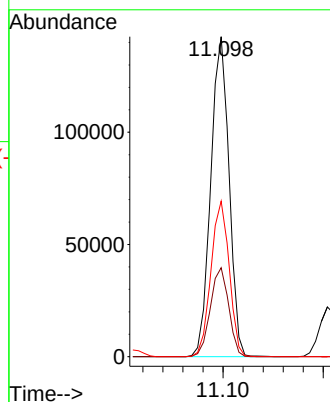
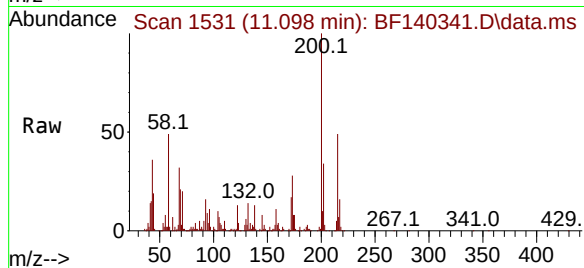
Tgt Ion:200 Resp: 180055

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

215 48.6 27.2 67.2



#70

Pentachlorophenol

Concen: 41.693 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

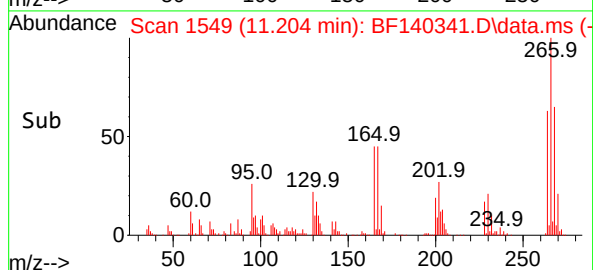
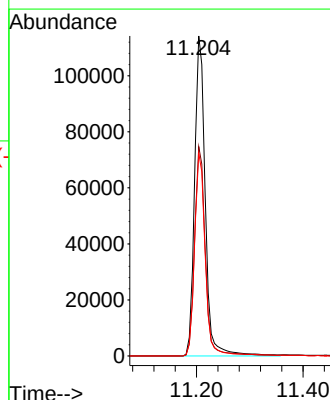
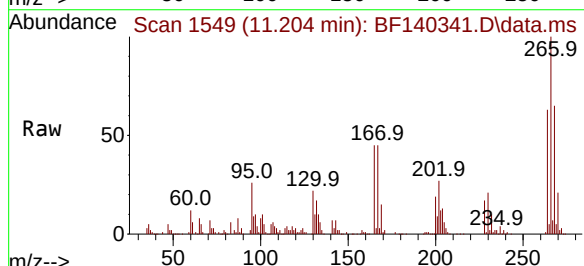
Tgt Ion:266 Resp: 159402

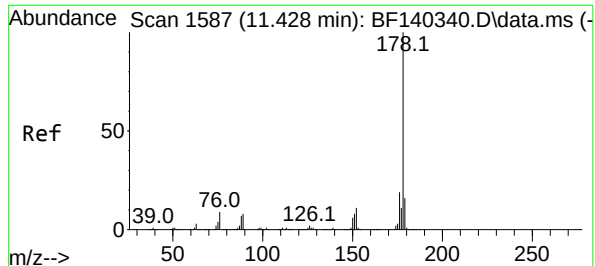
Ion Ratio Lower Upper

266 100

268 65.4 52.9 79.3

264 63.3 50.3 75.5

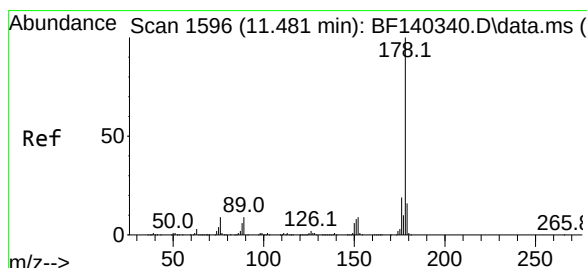
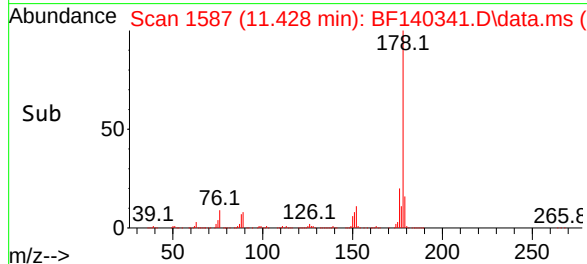
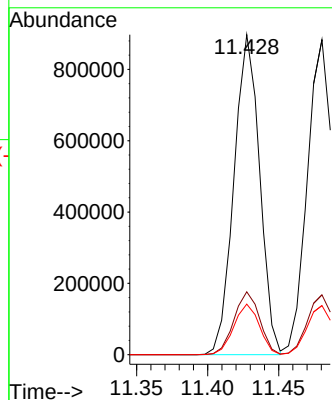
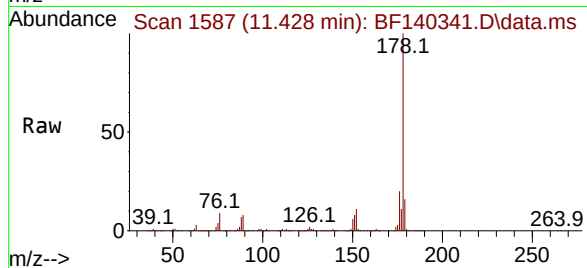




#71
Phenanthrene
Concen: 38.024 ng
RT: 11.428 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

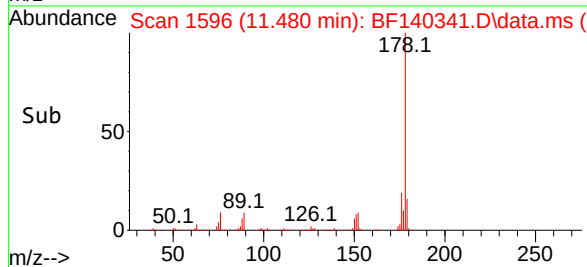
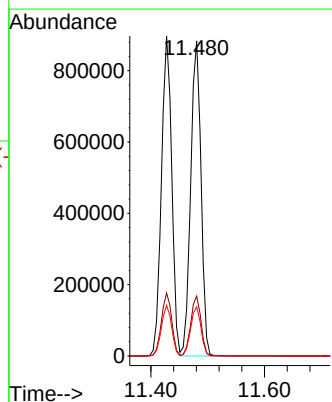
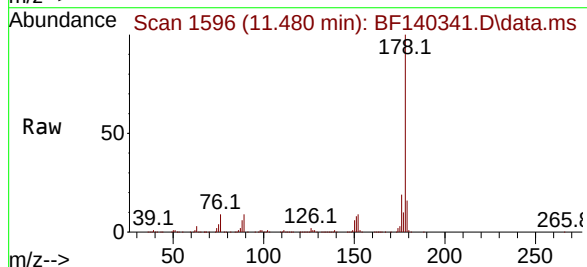
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

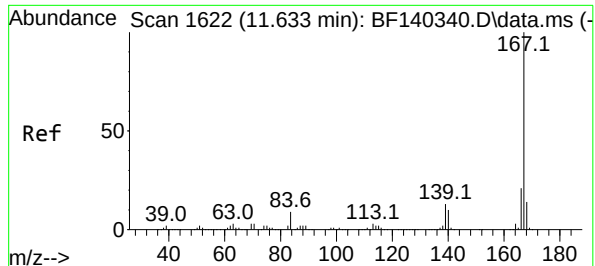
Tgt Ion:178 Resp: 1127194
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.8 12.4 18.6



#72
Anthracene
Concen: 38.362 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:178 Resp: 1114551
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.6 18.8

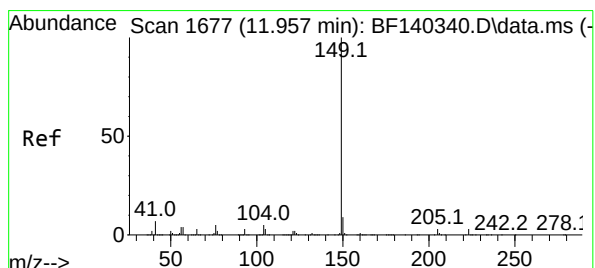
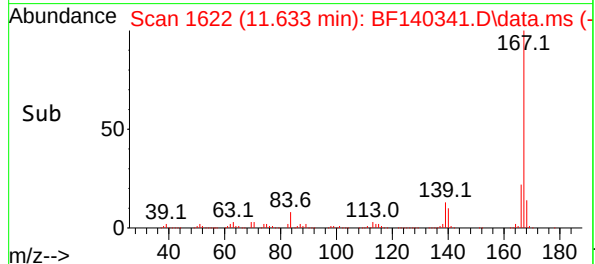
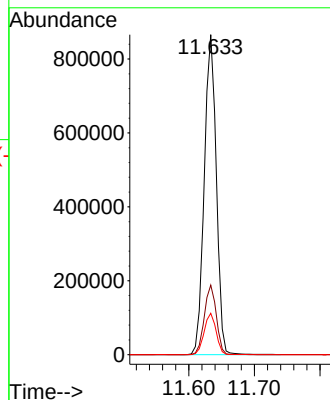
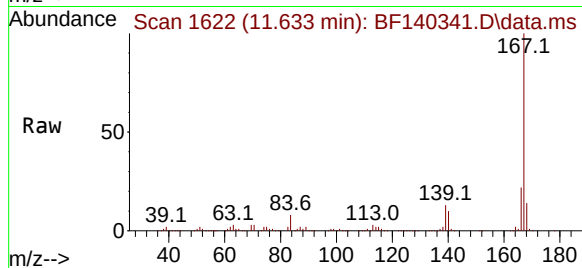




#73
Carbazole
Concen: 38.676 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

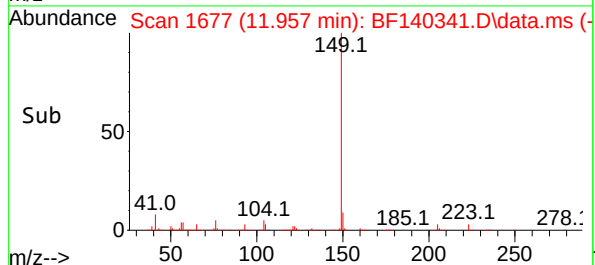
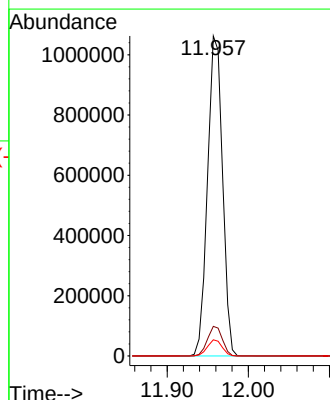
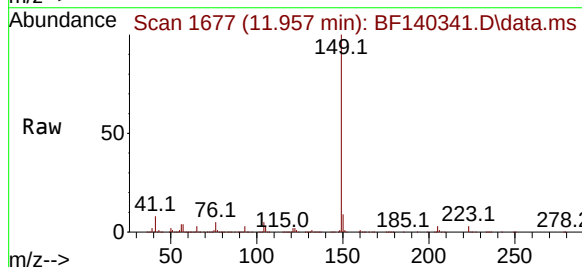
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

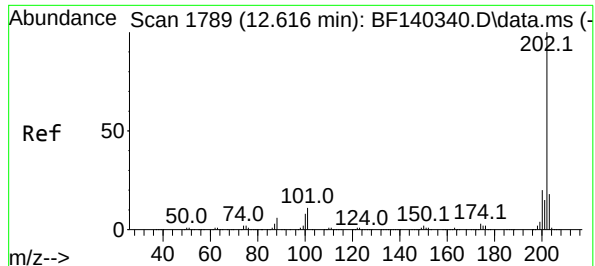
Tgt Ion:167 Resp: 1109519
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 12.9 10.4 15.6



#74
Di-n-butylphthalate
Concen: 39.391 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:149 Resp: 1356287
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.0 4.0 6.0

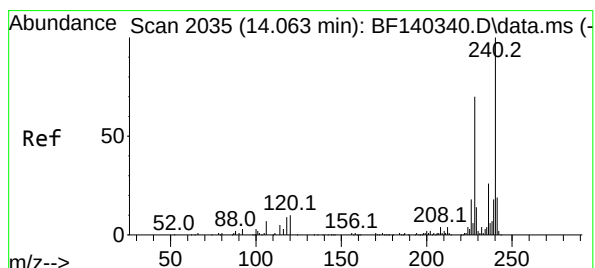
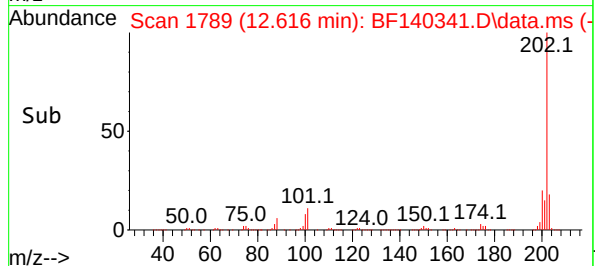
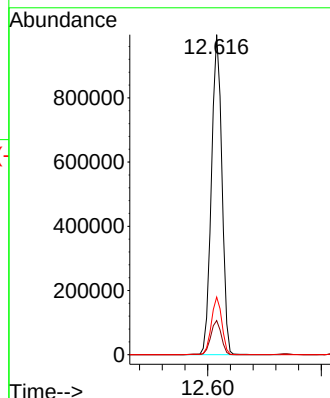
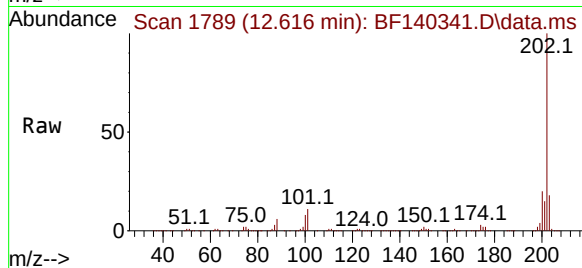




#75
Fluoranthene
Concen: 38.196 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

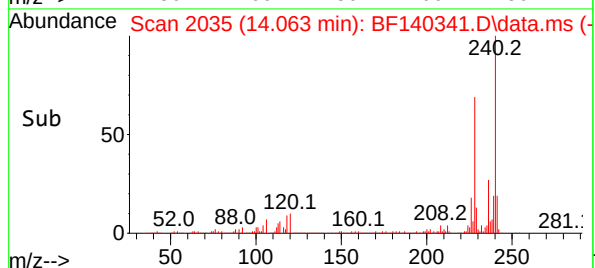
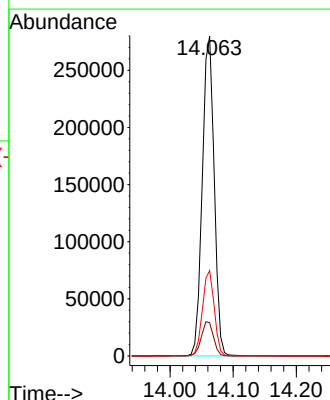
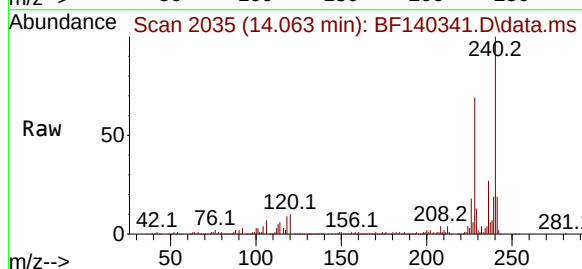
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

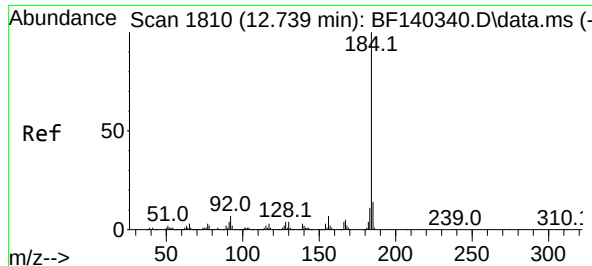
Tgt Ion:202 Resp: 1270353
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:240 Resp: 366437
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.7 20.9 31.3





#77

Benzidine

Concen: 38.866 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

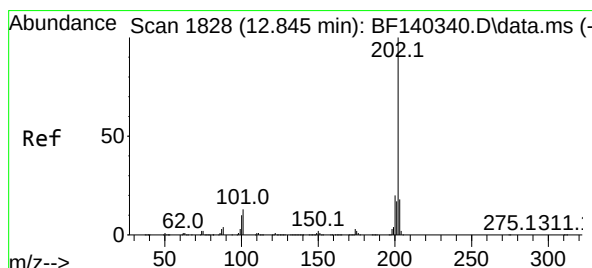
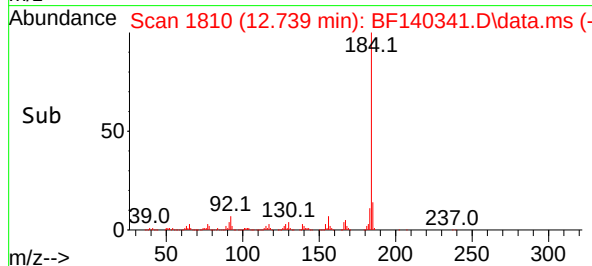
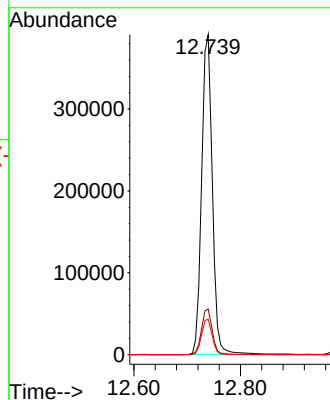
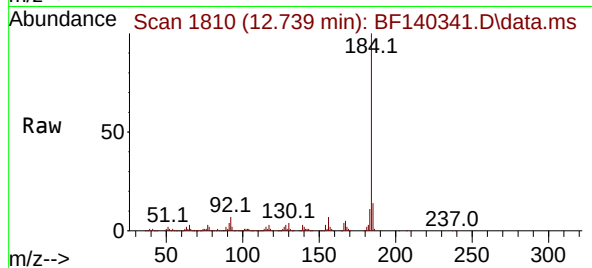
Tgt Ion:184 Resp: 546613

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

183 11.0 8.6 13.0



#78

Pyrene

Concen: 40.667 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

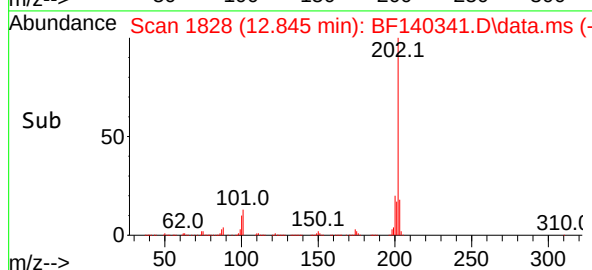
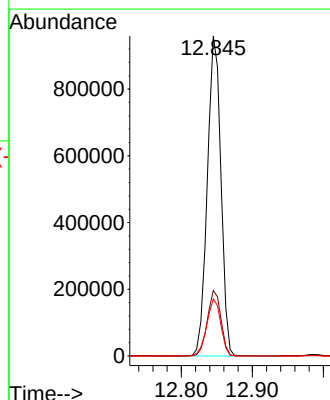
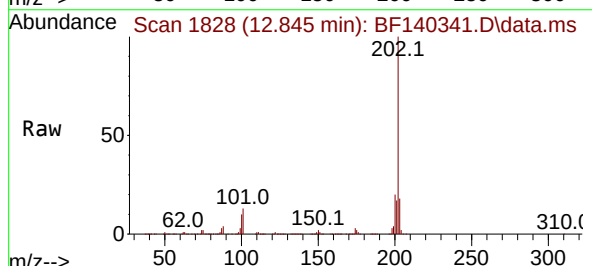
Tgt Ion:202 Resp: 1274659

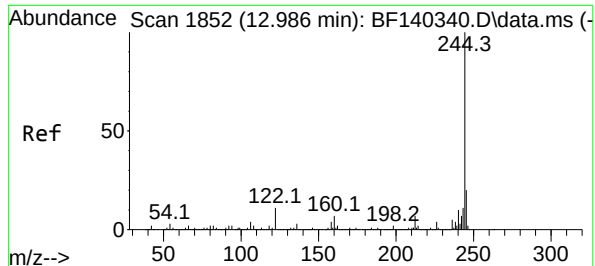
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.8 14.2 21.4

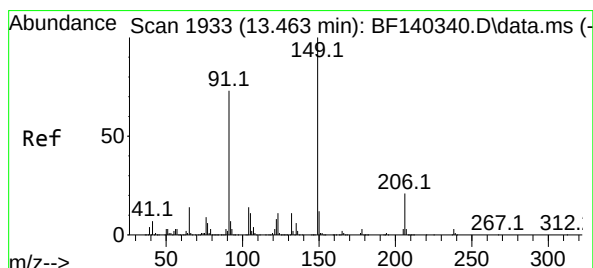
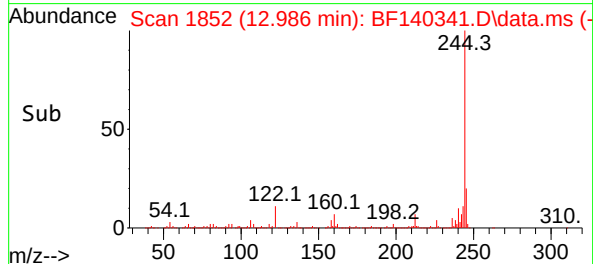
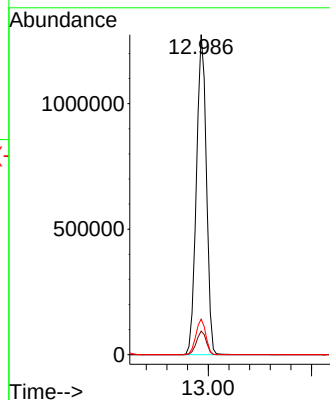
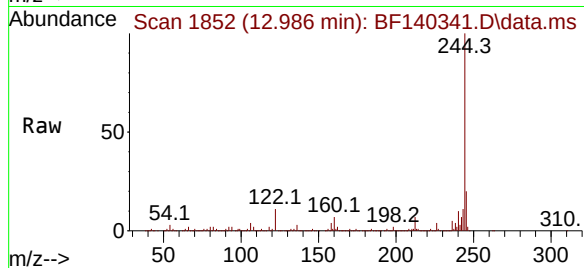




#79
Terphenyl-d14
Concen: 80.797 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

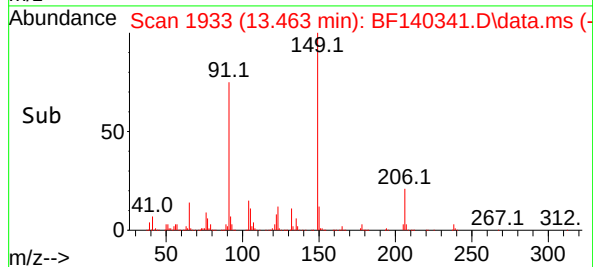
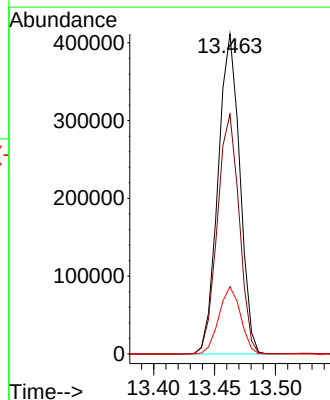
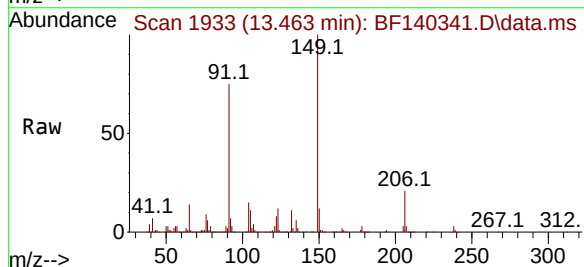
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

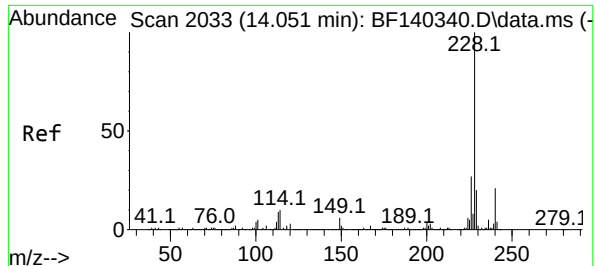
Tgt Ion:244 Resp: 1705668
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.1 8.8 13.2



#80
Butylbenzylphthalate
Concen: 42.560 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:149 Resp: 512452
Ion Ratio Lower Upper
149 100
91 74.9 61.0 91.4
206 21.0 16.1 24.1

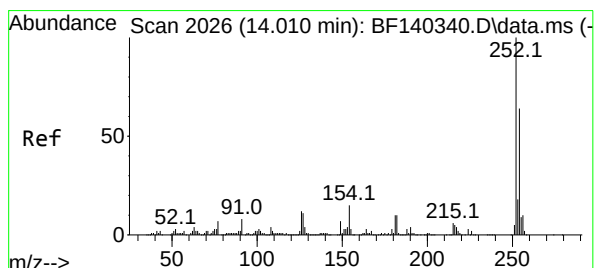
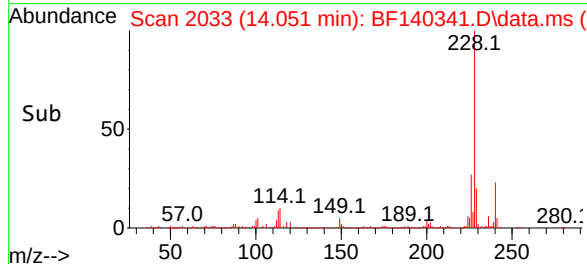
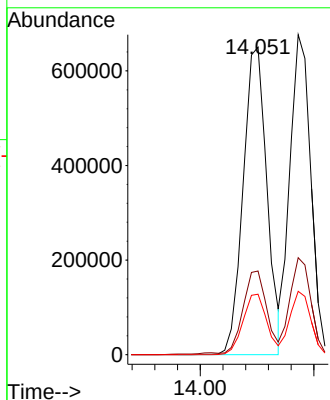
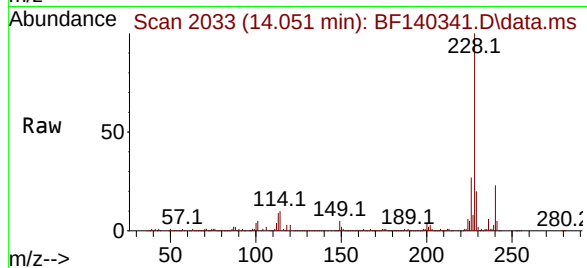




#81
Benzo(a)anthracene
Concen: 39.327 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

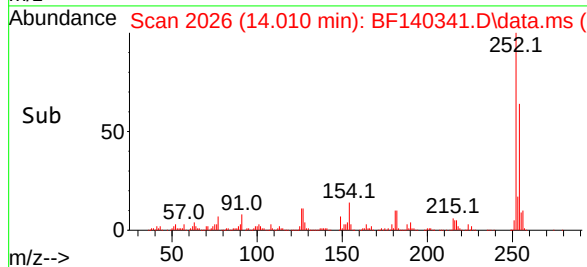
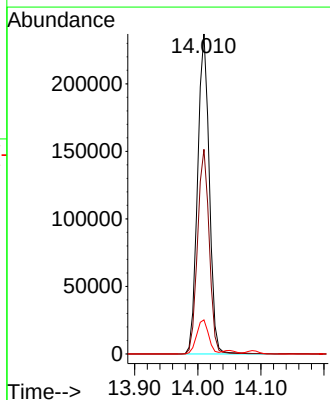
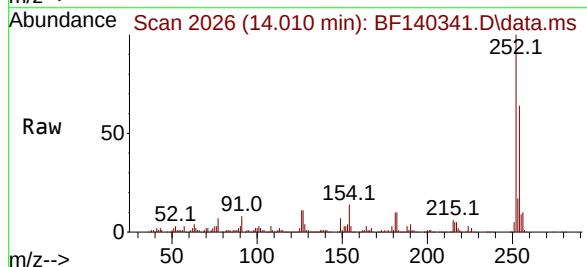
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

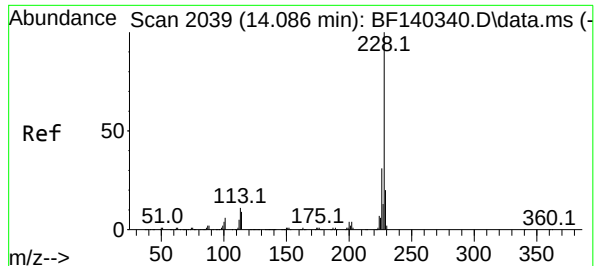
Tgt Ion:228 Resp: 947117
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.793 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:252 Resp: 304604
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 10.6 9.4 14.0





#83

Chrysene

Concen: 39.569 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

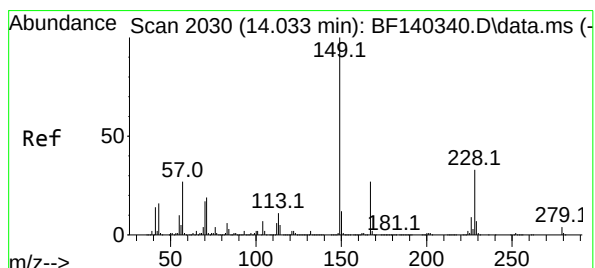
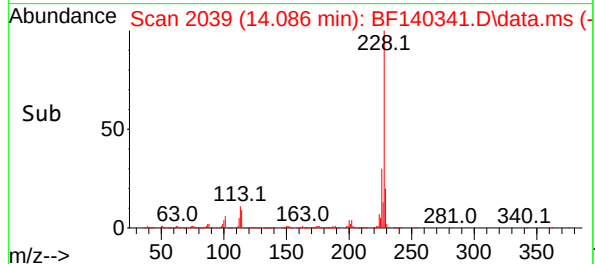
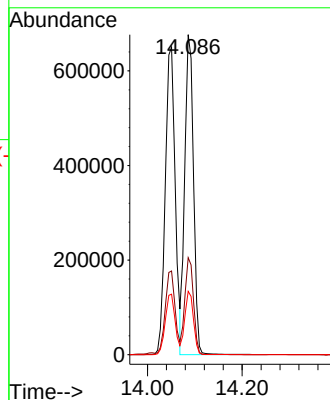
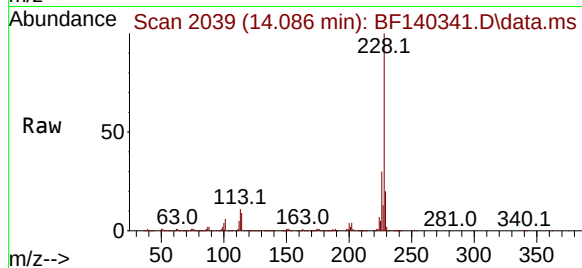
Tgt Ion:228 Resp: 869491

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.213 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

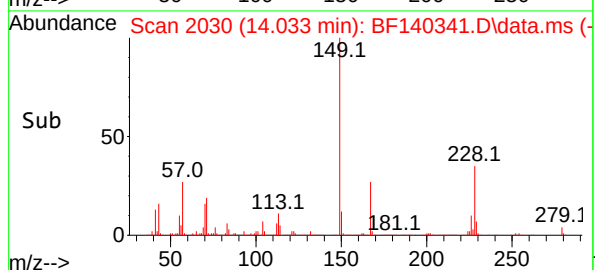
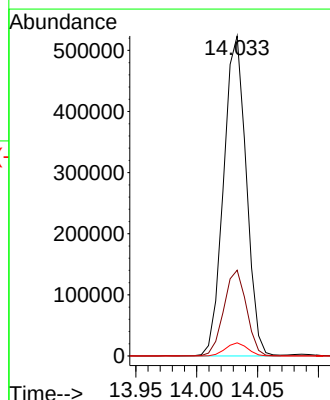
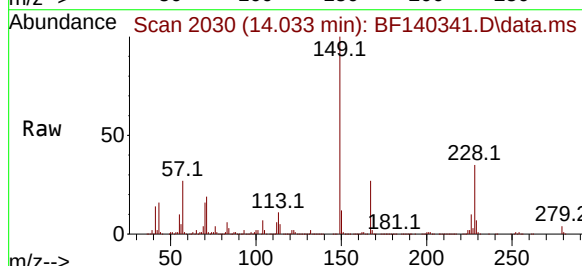
Tgt Ion:149 Resp: 678437

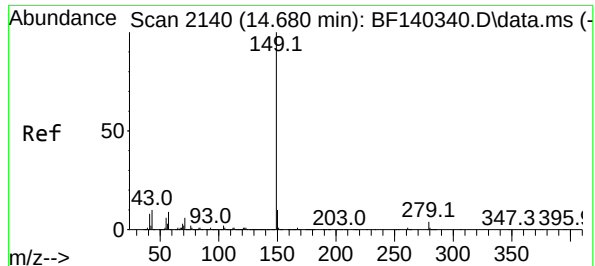
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.1 3.0 4.6

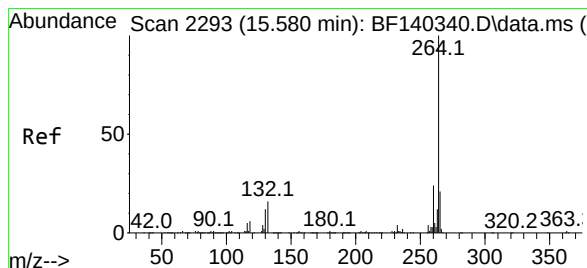
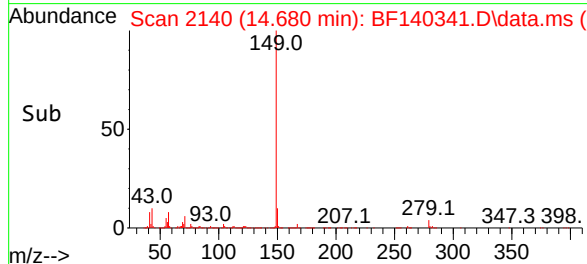
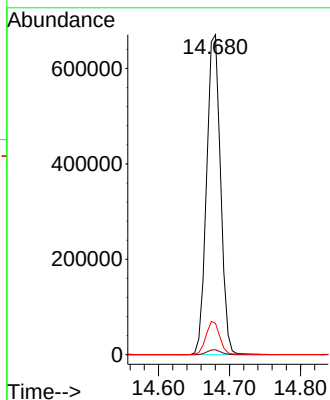
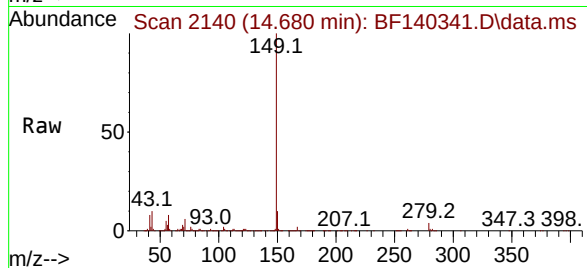




#85
Di-n-octyl phthalate
Concen: 40.448 ng
RT: 14.680 min Scan# 2140
Delta R.T. 0.018 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

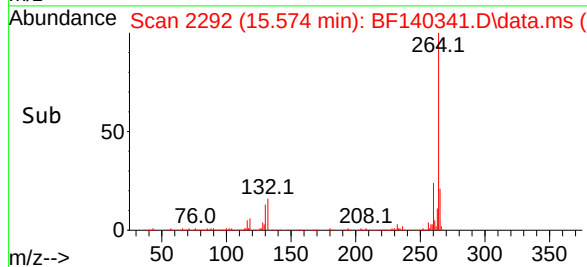
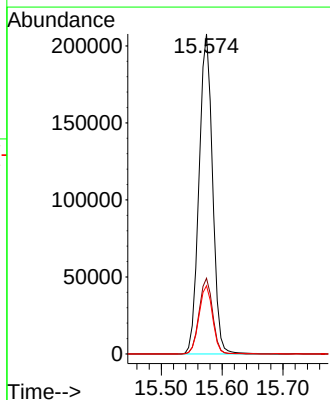
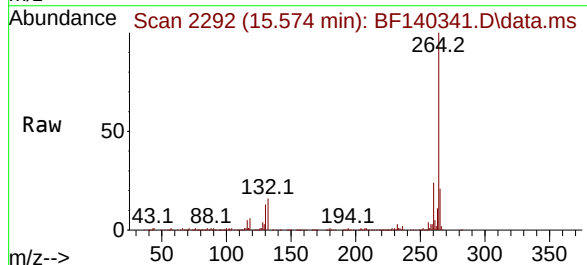
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

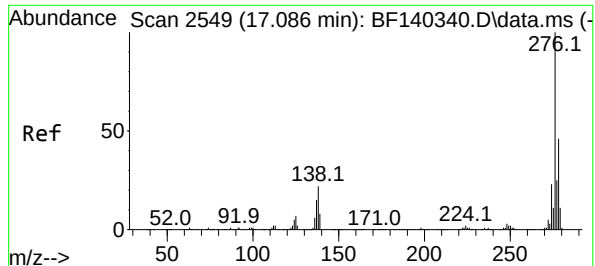
Tgt Ion:149 Resp: 915547
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.3 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:264 Resp: 319261
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.371 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

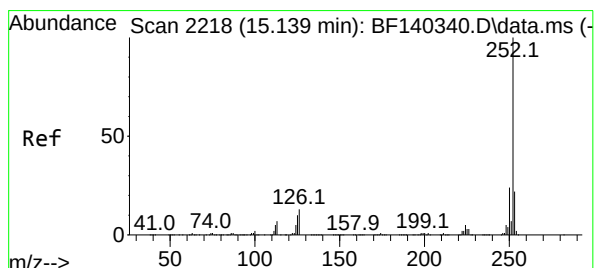
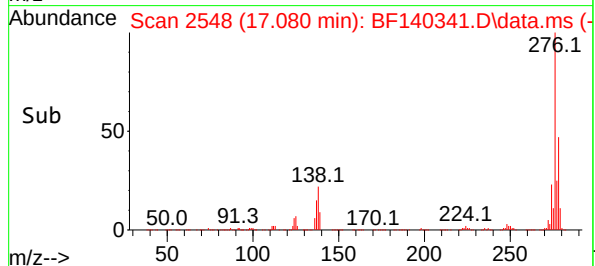
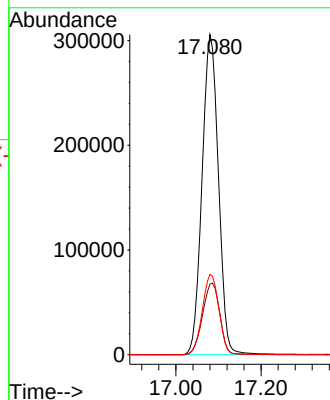
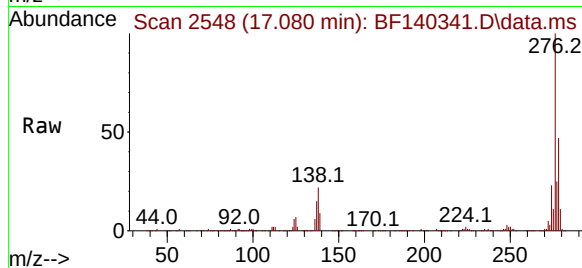
Tgt Ion:276 Resp: 815903

Ion Ratio Lower Upper

276 100

138 23.6 18.8 28.2

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.153 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.024 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

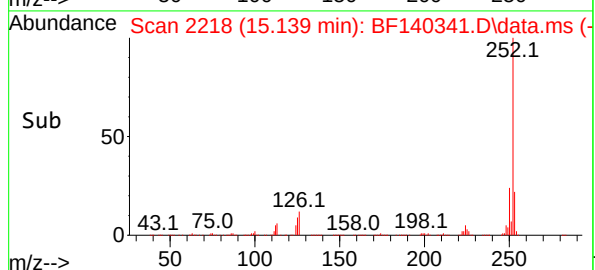
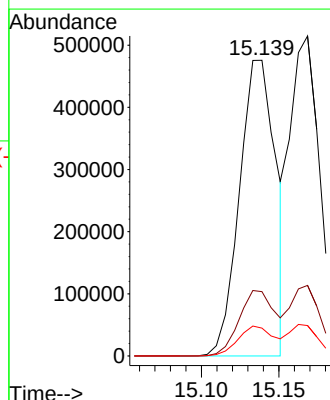
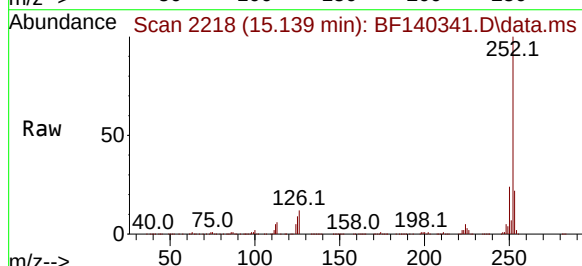
Tgt Ion:252 Resp: 775920

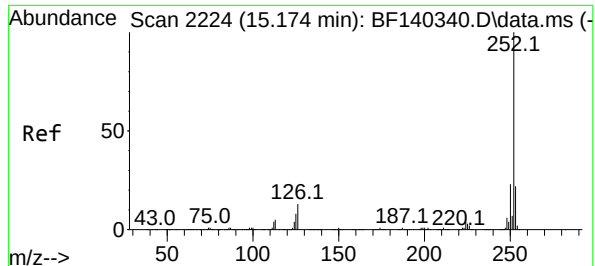
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 40.625 ng

RT: 15.168 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

Instrument :

BNA_F

ClientSampleId :

ICVBF111324

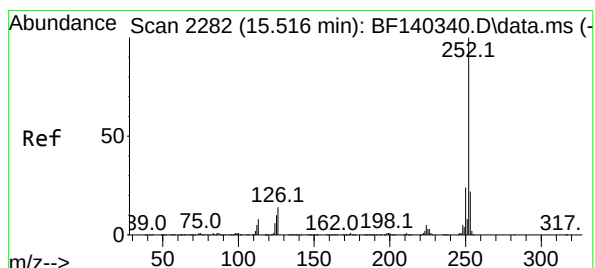
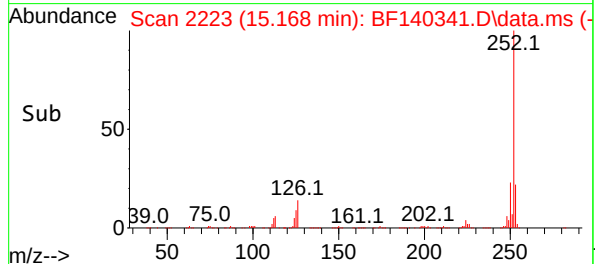
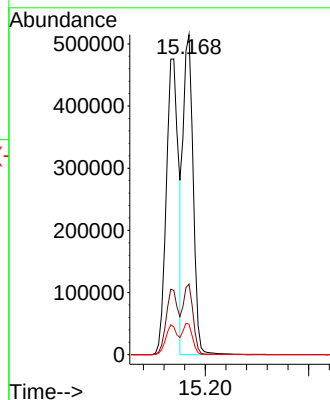
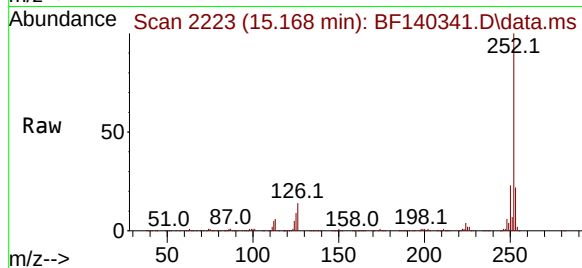
Tgt Ion:252 Resp: 693105

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.337 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.018 min

Lab File: BF140341.D

Acq: 13 Nov 2024 13:19

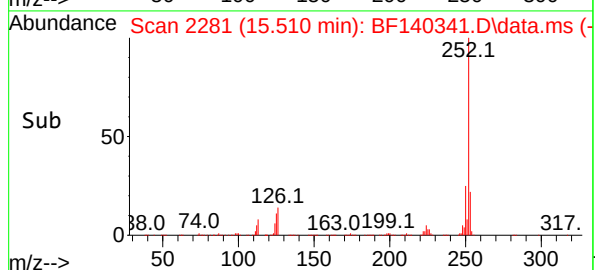
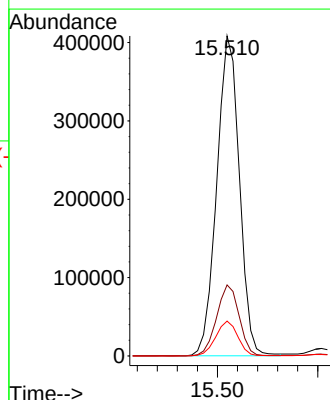
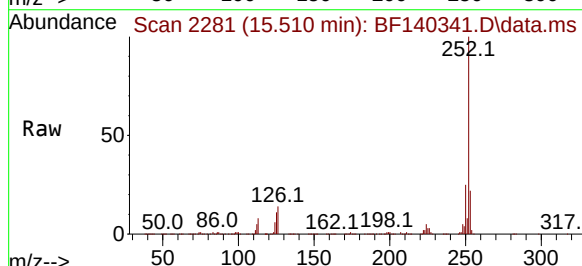
Tgt Ion:252 Resp: 637970

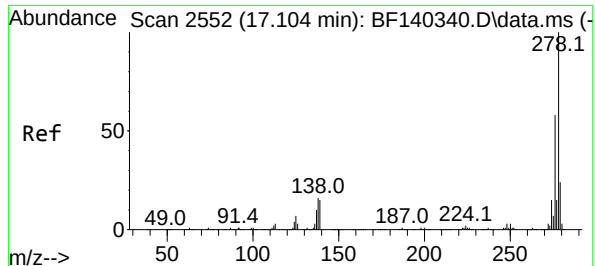
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.9 8.4 12.6

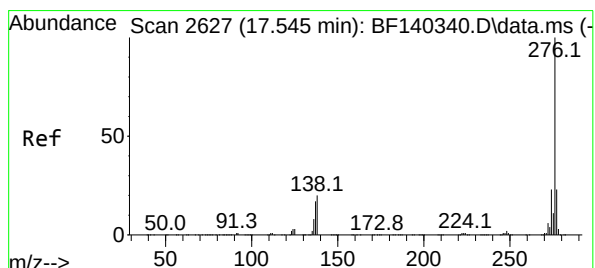
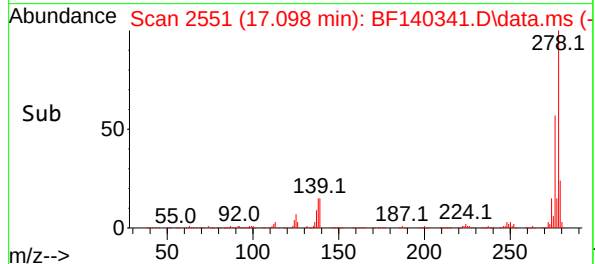
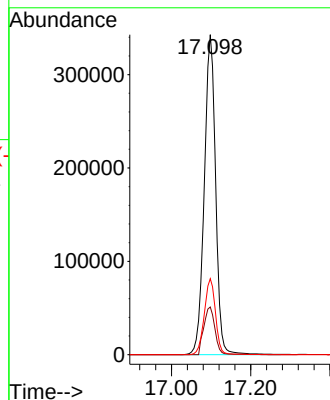
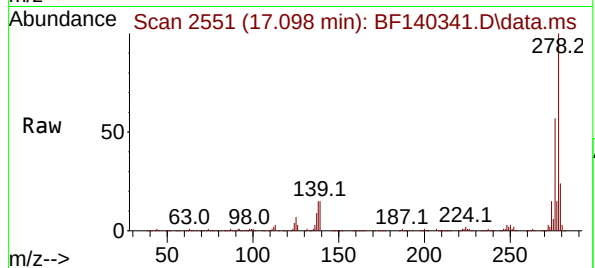




#91
Dibenzo(a,h)anthracene
Concen: 41.871 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

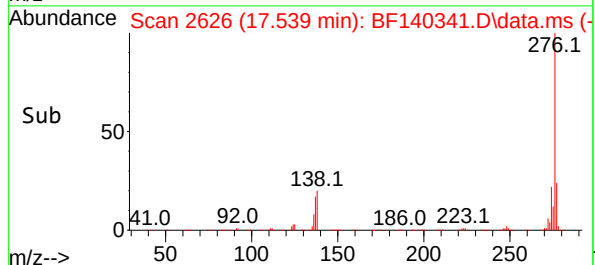
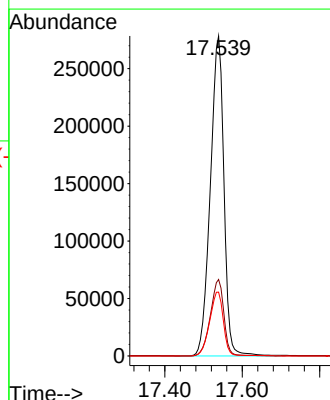
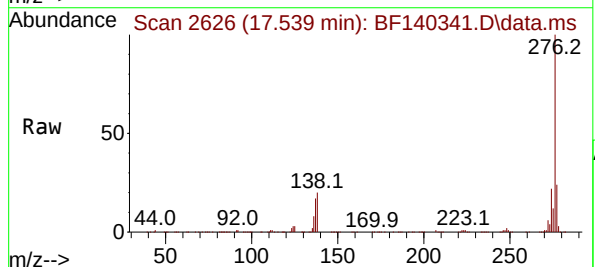
Instrument :
BNA_F
ClientSampleId :
ICVBF111324

Tgt Ion:278 Resp: 682579
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.8
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.635 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.024 min
Lab File: BF140341.D
Acq: 13 Nov 2024 13:19

Tgt Ion:276 Resp: 677222
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 19.9 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140341.D
Acq On : 13 Nov 2024 13:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF111324

Quant Time: Nov 13 14:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	102	0.00
2	1,4-Dioxane	0.522	0.517	1.0	102	0.00
3	Pyridine	1.283	1.305	-1.7	101	0.00
4	n-Nitrosodimethylamine	0.649	0.647	0.3	100	0.00
5 S	2-Fluorophenol	1.171	1.140	2.6	101	0.00
6	Aniline	1.381	1.433	-3.8	101	0.00
7 S	Phenol-d6	1.587	1.572	0.9	100	0.00
8	2-Chlorophenol	1.258	1.245	1.0	100	0.00
9	Benzaldehyde	0.951	0.888	6.6	102	0.00
10 C	Phenol	1.674	1.685	-0.7	100	0.00
11	bis(2-Chloroethyl)ether	1.268	1.248	1.6	101	0.00
12	1,3-Dichlorobenzene	1.388	1.359	2.1	101	0.00
13 C	1,4-Dichlorobenzene	1.408	1.370	2.7	100	0.00
14	1,2-Dichlorobenzene	1.307	1.273	2.6	100	0.00
15	Benzyl Alcohol	1.143	1.189	-4.0	100	0.00
16	2,2'-oxybis(1-Chloropropane	1.752	1.765	-0.7	99	0.00
17	2-Methylphenol	1.035	1.041	-0.6	100	0.00
18	Hexachloroethane	0.520	0.509	2.1	101	0.00
19 P	n-Nitroso-di-n-propylamine	0.959	0.960	-0.1	100	0.00
20	3+4-Methylphenols	1.294	1.328	-2.6	100	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
22	Acetophenone	0.465	0.451	3.0	100	0.00
23 S	Nitrobenzene-d5	0.384	0.377	1.8	100	0.00
24	Nitrobenzene	0.400	0.393	1.8	100	0.00
25	Isophorone	0.680	0.673	1.0	100	0.00
26 C	2-Nitrophenol	0.177	0.181	-2.3	101	0.00
27	2,4-Dimethylphenol	0.227	0.230	-1.3	103	0.00
28	bis(2-Chloroethoxy)methane	0.417	0.409	1.9	100	0.00
29 C	2,4-Dichlorophenol	0.281	0.277	1.4	101	0.00
30	1,2,4-Trichlorobenzene	0.312	0.303	2.9	100	0.00
31	Naphthalene	1.015	0.986	2.9	100	0.00
32	Benzoic acid	0.200	0.213	-6.5	100	0.00
33	4-Chloroaniline	0.353	0.344	2.5	101	0.00
34 C	Hexachlorobutadiene	0.199	0.193	3.0	100	0.00
35	Caprolactam	0.093	0.094	-1.1	102	0.00
36 C	4-Chloro-3-methylphenol	0.311	0.314	-1.0	101	0.00
37	2-Methylnaphthalene	0.651	0.635	2.5	100	0.00
38	1-Methylnaphthalene	0.637	0.620	2.7	99	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	100	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.534	3.4	100	0.00
41 P	Hexachlorocyclopentadiene	0.142	0.136	4.2	97	0.00
42 S	2,4,6-Tribromophenol	0.199	0.195	2.0	101	0.00
43 C	2,4,6-Trichlorophenol	0.363	0.361	0.6	100	0.00
44	2,4,5-Trichlorophenol	0.397	0.382	3.8	98	0.00
45 S	2-Fluorobiphenyl	1.244	1.177	5.4	100	0.00
46	1,1'-Biphenyl	1.455	1.421	2.3	101	0.00
47	2-Chloronaphthalene	1.108	1.068	3.6	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140341.D
Acq On : 13 Nov 2024 13:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF111324

Quant Time: Nov 13 14:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	0.368	0.366	0.5	100	0.00
49	Acenaphthylene	1.677	1.633	2.6	99	0.00
50	Dimethylphthalate	1.304	1.269	2.7	100	0.00
51	2,6-Dinitrotoluene	0.297	0.297	0.0	99	0.00
52 C	Acenaphthene	1.133	1.108	2.2	101	0.00
53	3-Nitroaniline	0.312	0.311	0.3	100	0.00
54 P	2,4-Dinitrophenol	0.153	0.154	-0.7	104	0.00
55	Dibenzofuran	1.603	1.575	1.7	101	0.00
56 P	4-Nitrophenol	0.228	0.238	-4.4	100	0.00
57	2,4-Dinitrotoluene	0.391	0.394	-0.8	101	0.00
58	Fluorene	1.267	1.218	3.9	101	0.00
59	2,3,4,6-Tetrachlorophenol	0.313	0.310	1.0	97	0.00
60	Diethylphthalate	1.333	1.298	2.6	100	0.00
61	4-Chlorophenyl-phenylether	0.625	0.601	3.8	99	0.00
62	4-Nitroaniline	0.319	0.316	0.9	98	0.00
63	Azobenzene	1.317	1.306	0.8	101	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	0.108	0.111	-2.8	102	0.00
66 c	n-Nitrosodiphenylamine	0.578	0.562	2.8	101	0.00
67	4-Bromophenyl-phenylether	0.200	0.195	2.5	101	0.00
68	Hexachlorobenzene	0.225	0.220	2.2	101	0.00
69	Atrazine	0.175	0.143	18.3	99	0.00
70 C	Pentachlorophenol	0.121	0.126	-4.1	100	0.00
71	Phenanthrene	0.940	0.893	5.0	99	0.00
72	Anthracene	0.921	0.883	4.1	100	0.00
73	Carbazole	0.909	0.879	3.3	101	0.00
74	Di-n-butylphthalate	1.091	1.075	1.5	100	0.00
75 C	Fluoranthene	1.054	1.007	4.5	99	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	95	0.01
77	Benzydine	0.768	0.746	2.9	108	0.00
78	Pyrene	1.711	1.739	-1.6	98	0.00
79 S	Terphenyl-d14	1.152	1.164	-1.0	98	0.00
80	Butylbenzylphthalate	0.657	0.699	-6.4	96	0.00
81	Benzo(a)anthracene	1.314	1.292	1.7	97	0.01
82	3,3'-Dichlorobenzidine	0.418	0.416	0.5	98	0.01
83	Chrysene	1.199	1.186	1.1	96	0.00
84	Bis(2-ethylhexyl)phthalate	0.877	0.926	-5.6	95	0.01
85 c	Di-n-octyl phthalate	1.235	1.249	-1.1	92	0.02
86 I	Perylene-d12	1.000	1.000	0.0	99	0.02
87	Indeno(1,2,3-cd)pyrene	1.235	1.278	-3.5	101	0.02
88	Benzo(b)fluoranthene	1.308	1.215	7.1	95	0.02
89	Benzo(k)fluoranthene	1.069	1.085	-1.5	101	0.02
90 C	Benzo(a)pyrene	1.016	0.999	1.7	98	0.02
91	Dibenzo(a,h)anthracene	1.021	1.069	-4.7	102	0.02
92	Benzo(g,h,i)perylene	1.044	1.061	-1.6	99	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140341.D
Acq On : 13 Nov 2024 13:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF111324

Quant Time: Nov 13 14:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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\BF111324\
Data File : BF140341.D
Acq On : 13 Nov 2024 13:19
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	102	0.00
2	1,4-Dioxane	40.000	39.597	1.0	102	0.00
3	Pyridine	40.000	40.655	-1.6	101	0.00
4	n-Nitrosodimethylamine	40.000	39.908	0.2	100	0.00
5 S	2-Fluorophenol	80.000	77.878	2.7	101	0.00
6	Aniline	40.000	41.531	-3.8	101	0.00
7 S	Phenol-d6	80.000	79.248	0.9	100	0.00
8	2-Chlorophenol	40.000	39.588	1.0	100	0.00
9	Benzaldehyde	40.000	37.337	6.7	102	0.00
10 C	Phenol	40.000	40.259	-0.6	100	0.00
11	bis(2-Chloroethyl)ether	40.000	39.367	1.6	101	0.00
12	1,3-Dichlorobenzene	40.000	39.148	2.1	101	0.00
13 C	1,4-Dichlorobenzene	40.000	38.930	2.7	100	0.00
14	1,2-Dichlorobenzene	40.000	38.953	2.6	100	0.00
15	Benzyl Alcohol	40.000	41.596	-4.0	100	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.304	-0.8	99	0.00
17	2-Methylphenol	40.000	40.228	-0.6	100	0.00
18	Hexachloroethane	40.000	39.149	2.1	101	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.079	-0.2	100	0.00
20	3+4-Methylphenols	40.000	41.028	-2.6	100	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	100	0.00
22	Acetophenone	40.000	38.782	3.0	100	0.00
23 S	Nitrobenzene-d5	80.000	78.511	1.9	100	0.00
24	Nitrobenzene	40.000	39.284	1.8	100	0.00
25	Isophorone	40.000	39.558	1.1	100	0.00
26 C	2-Nitrophenol	40.000	40.850	-2.1	101	0.00
27	2,4-Dimethylphenol	40.000	40.536	-1.3	103	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.258	1.9	100	0.00
29 C	2,4-Dichlorophenol	40.000	39.545	1.1	101	0.00
30	1,2,4-Trichlorobenzene	40.000	38.843	2.9	100	0.00
31	Naphthalene	40.000	38.889	2.8	100	0.00
32	Benzoic acid	40.000	42.635	-6.6	100	0.00
33	4-Chloroaniline	40.000	38.996	2.5	101	0.00
34 C	Hexachlorobutadiene	40.000	38.804	3.0	100	0.00
35	Caprolactam	40.000	40.345	-0.9	102	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.356	-0.9	101	0.00
37	2-Methylnaphthalene	40.000	39.072	2.3	100	0.00
38	1-Methylnaphthalene	40.000	38.933	2.7	99	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	100	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.657	3.4	100	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.267	4.3	97	0.00
42 S	2,4,6-Tribromophenol	80.000	78.617	1.7	101	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.769	0.6	100	0.00
44	2,4,5-Trichlorophenol	40.000	38.542	3.6	98	0.00
45 S	2-Fluorobiphenyl	80.000	75.707	5.4	100	0.00
46	1,1'-Biphenyl	40.000	39.068	2.3	101	0.00
47	2-Chloronaphthalene	40.000	38.543	3.6	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140341.D
Acq On : 13 Nov 2024 13:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF111324

Quant Time: Nov 13 14:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	39.821	0.4	100	0.00
49	Acenaphthylene	40.000	38.962	2.6	99	0.00
50	Dimethylphthalate	40.000	38.933	2.7	100	0.00
51	2,6-Dinitrotoluene	40.000	39.952	0.1	99	0.00
52 C	Acenaphthene	40.000	39.143	2.1	101	0.00
53	3-Nitroaniline	40.000	39.809	0.5	100	0.00
54 P	2,4-Dinitrophenol	40.000	40.153	-0.4	104	0.00
55	Dibenzofuran	40.000	39.280	1.8	101	0.00
56 P	4-Nitrophenol	40.000	41.782	-4.5	100	0.00
57	2,4-Dinitrotoluene	40.000	40.258	-0.6	101	0.00
58	Fluorene	40.000	38.457	3.9	101	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.601	1.0	97	0.00
60	Diethylphthalate	40.000	38.945	2.6	100	0.00
61	4-Chlorophenyl-phenylether	40.000	38.465	3.8	99	0.00
62	4-Nitroaniline	40.000	39.561	1.1	98	0.00
63	Azobenzene	40.000	39.649	0.9	101	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.144	-2.9	102	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.926	2.7	101	0.00
67	4-Bromophenyl-phenylether	40.000	39.059	2.4	101	0.00
68	Hexachlorobenzene	40.000	39.043	2.4	101	0.00
69	Atrazine	40.000	32.640	18.4	99	0.00
70 C	Pentachlorophenol	40.000	41.693	-4.2	100	0.00
71	Phenanthrene	40.000	38.024	4.9	99	0.00
72	Anthracene	40.000	38.362	4.1	100	0.00
73	Carbazole	40.000	38.676	3.3	101	0.00
74	Di-n-butylphthalate	40.000	39.391	1.5	100	0.00
75 C	Fluoranthene	40.000	38.196	4.5	99	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	95	0.01
77	Benzydine	40.000	38.866	2.8	108	0.00
78	Pyrene	40.000	40.667	-1.7	98	0.00
79 S	Terphenyl-d14	80.000	80.797	-1.0	98	0.00
80	Butylbenzylphthalate	40.000	42.560	-6.4	96	0.00
81	Benzo(a)anthracene	40.000	39.327	1.7	97	0.01
82	3,3'-Dichlorobenzidine	40.000	39.793	0.5	98	0.01
83	Chrysene	40.000	39.569	1.1	96	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.213	-5.5	95	0.01
85 c	Di-n-octyl phthalate	40.000	40.448	-1.1	92	0.02
86 I	Perylene-d12	20.000	20.000	0.0	99	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.371	-3.4	101	0.02
88	Benzo(b)fluoranthene	40.000	37.153	7.1	95	0.02
89	Benzo(k)fluoranthene	40.000	40.625	-1.6	101	0.02
90 C	Benzo(a)pyrene	40.000	39.337	1.7	98	0.02
91	Dibenzo(a,h)anthracene	40.000	41.871	-4.7	102	0.02
92	Benzo(g,h,i)perylene	40.000	40.635	-1.6	99	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140341.D
Acq On : 13 Nov 2024 13:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF111324

Quant Time: Nov 13 14:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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: TETR06

Lab Code: CHEM Case No.: P4868 SAS No.: P4868 SDG No.: P4868

Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 09:31

Lab File ID: BF140488.D Init. Calib. Date(s): 11/13/2024 11/13/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 12:48

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.171	1.183		1.0	
Benzaldehyde	0.951	1.434		50.8	
Phenol-d6	1.587	1.579		-0.5	
Phenol	1.674	1.657		-1.0	20.0
bis(2-Chloroethyl)ether	1.268	1.277		0.7	
2-Chlorophenol	1.258	1.268		0.8	
2-Methylphenol	1.035	1.032		-0.3	
2,2-oxybis(1-Chloropropane)	1.752	1.634		-6.7	
Acetophenone	0.465	0.469		0.9	
3+4-Methylphenols	1.295	1.290		-0.4	
n-Nitroso-di-n-propylamine	0.959	0.916	0.050	-4.5	
Nitrobenzene-d5	0.384	0.392		2.1	
Hexachloroethane	0.520	0.535		2.9	
Nitrobenzene	0.400	0.409		2.3	
Isophorone	0.680	0.680		0.0	
2-Nitrophenol	0.177	0.189		6.8	20.0
2,4-Dimethylphenol	0.227	0.234		3.1	
bis(2-Chloroethoxy)methane	0.417	0.423		1.4	
2,4-Dichlorophenol	0.281	0.294		4.6	20.0
Naphthalene	1.015	1.040		2.5	
4-Chloroaniline	0.353	0.342		-3.1	
Hexachlorobutadiene	0.199	0.209		5.0	20.0
Caprolactam	0.093	0.096		3.2	
4-Chloro-3-methylphenol	0.311	0.322		3.5	20.0
2-Methylnaphthalene	0.651	0.663		1.8	
Hexachlorocyclopentadiene	0.142	0.127	0.050	-10.6	
2,4,6-Trichlorophenol	0.363	0.377		3.9	20.0
2-Fluorobiphenyl	1.244	1.282		3.1	
2,4,5-Trichlorophenol	0.397	0.418		5.3	
1,1-Biphenyl	1.455	1.501		3.2	
2-Chloronaphthalene	1.108	1.144		3.2	
2-Nitroaniline	0.368	0.375		1.9	
Dimethylphthalate	1.304	1.342		2.9	
Acenaphthylene	1.677	1.721		2.6	
2,6-Dinitrotoluene	0.297	0.314		5.7	
3-Nitroaniline	0.312	0.318		1.9	
Acenaphthene	1.133	1.176		3.8	20.0
2,4-Dinitrophenol	0.153	0.154	0.050	0.7	
4-Nitrophenol	0.228	0.216	0.050	-5.3	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P4868 SAS No.: P4868 SDG No.: P4868

Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 09:31

Lab File ID: BF140488.D Init. Calib. Date(s): 11/13/2024 11/13/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 12:48

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.603	1.638		2.2	
2,4-Dinitrotoluene	0.391	0.410		4.9	
Diethylphthalate	1.333	1.357		1.8	
4-Chlorophenyl-phenylether	0.625	0.650		4.0	
Fluorene	1.267	1.310		3.4	
4-Nitroaniline	0.319	0.317		-0.6	
4,6-Dinitro-2-methylphenol	0.108	0.121		12.0	
n-Nitrosodiphenylamine	0.578	0.600		3.8	20.0
2,4,6-Tribromophenol	0.199	0.210		5.5	
4-Bromophenyl-phenylether	0.200	0.207		3.5	
Hexachlorobenzene	0.225	0.237		5.3	
Atrazine	0.175	0.161		-8.0	
Pentachlorophenol	0.121	0.122		0.8	20.0
Phenanthrene	0.940	0.958		1.9	
Anthracene	0.921	0.940		2.1	
Carbazole	0.909	0.919		1.1	
Di-n-butylphthalate	1.091	1.108		1.6	
Fluoranthene	1.054	1.040		-1.3	20.0
Pyrene	1.711	1.993		16.5	
Terphenyl-d14	1.152	1.323		14.8	
Butylbenzylphthalate	0.657	0.733		11.6	
3,3-Dichlorobenzidine	0.418	0.425		1.7	
Benzo (a) anthracene	1.314	1.367		4.0	
Chrysene	1.199	1.229		2.5	
Bis (2-ethylhexyl) phthalate	0.877	0.895		2.1	
Di-n-octyl phthalate	1.235	1.193		-3.4	20.0
Benzo (b) fluoranthene	1.308	1.186		-9.3	
Benzo (k) fluoranthene	1.069	1.134		6.1	
Benzo (a) pyrene	1.016	1.047		3.1	20.0
Indeno (1,2,3-cd) pyrene	1.235	1.428		15.6	
Dibenzo (a,h) anthracene	1.021	1.170		14.6	
Benzo (g,h,i) perylene	1.044	1.208		15.7	
1,2,4,5-Tetrachlorobenzene	0.553	0.581		5.1	
1,4-Dioxane	0.522	0.523		0.2	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.321		2.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140488.D
 Acq On : 20 Nov 2024 09:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 10:35:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 13 14:40:06 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	132364	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	490485	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	273054	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	510213	20.000	ng	0.00
76) Chrysene-d12	14.051	240	268548	20.000	ng	0.00
86) Perylene-d12	15.539	264	246006	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	626328	80.791	ng	0.01
7) Phenol-d6	6.516	99	835879	79.582	ng	0.01
23) Nitrobenzene-d5	7.439	82	768178	81.601	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	229869	84.657	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1400225	82.435	ng	0.00
79) Terphenyl-d14	12.986	244	1421238	91.863	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	138405	40.057	ng	98
3) Pyridine	3.404	79	335412	39.486	ng	100
4) n-Nitrosodimethylamine	3.357	42	165619	38.578	ng	99
6) Aniline	6.540	93	342599	37.496	ng	# 61
8) 2-Chlorophenol	6.663	128	335737	40.316	ng	99
9) Benzaldehyde	6.428	77	379602	60.302	ng	98
10) Phenol	6.528	94	438741	39.610	ng	86
11) bis(2-Chloroethyl)ether	6.610	93	338041	40.278	ng	99
12) 1,3-Dichlorobenzene	6.816	146	373631	40.664	ng	99
13) 1,4-Dichlorobenzene	6.892	146	378996	40.679	ng	99
14) 1,2-Dichlorobenzene	7.045	146	351114	40.596	ng	99
15) Benzyl Alcohol	7.016	79	302807	40.015	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	432663	37.322	ng	66
17) 2-Methylphenol	7.134	107	273264	39.889	ng	96
18) Hexachloroethane	7.386	117	141716	41.146	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	242440	38.218	ng	99
20) 3+4-Methylphenols	7.287	107	341542	39.866	ng	# 90
22) Acetophenone	7.281	105	459893	40.314	ng	99
24) Nitrobenzene	7.457	77	400779	40.890	ng	99
25) Isophorone	7.692	82	667210	39.991	ng	100
26) 2-Nitrophenol	7.775	139	185216	42.584	ng	99
27) 2,4-Dimethylphenol	7.810	122	229224m	41.165	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	414691	40.536	ng	100
29) 2,4-Dichlorophenol	8.022	162	288595	41.936	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	318306	41.545	ng	100
31) Naphthalene	8.181	128	1020666	41.021	ng	100
32) Benzoic acid	7.939	122	209323	42.721	ng	99
33) 4-Chloroaniline	8.228	127	335737	38.800	ng	99
34) Hexachlorobutadiene	8.292	225	204877	41.969	ng	99
35) Caprolactam	8.598	113	93813	41.015	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	316051	41.442	ng	98
37) 2-Methylnaphthalene	8.869	142	650164	40.752	ng	99
38) 1-Methylnaphthalene	8.969	142	636817	40.761	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	317385	42.033	ng	99
41) Hexachlorocyclopentadiene	9.016	237	69250	35.720	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	206019	41.575	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140488.D
 Acq On : 20 Nov 2024 09:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 10:35:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 13 14:40:06 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	228093	42.101	ng	97
46) 1,1'-Biphenyl	9.333	154	819790	41.269	ng	99
47) 2-Chloronaphthalene	9.357	162	624878	41.295	ng	99
48) 2-Nitroaniline	9.457	65	204862	40.822	ng	99
49) Acenaphthylene	9.775	152	939848	41.051	ng	99
50) Dimethylphthalate	9.633	163	733122	41.191	ng	100
51) 2,6-Dinitrotoluene	9.698	165	171295	42.217	ng	99
52) Acenaphthene	9.945	154	642037m	41.519	ng	
53) 3-Nitroaniline	9.869	138	173780	40.783	ng	99
54) 2,4-Dinitrophenol	9.980	184	84341	40.309	ng	97
55) Dibenzofuran	10.122	168	894341	40.855	ng	100
56) 4-Nitrophenol	10.039	139	118069	37.987	ng	98
57) 2,4-Dinitrotoluene	10.104	165	224038	41.954	ng	100
58) Fluorene	10.463	166	715498	41.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	175256	40.969	ng	98
60) Diethylphthalate	10.328	149	741052	40.719	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	354853	41.564	ng	99
62) 4-Nitroaniline	10.486	138	173157	39.743	ng	99
63) Azobenzene	10.610	77	722195	40.162	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	123832	45.111	ng	96
66) n-Nitrosodiphenylamine	10.575	169	611778	41.500	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	211410	41.452	ng	98
68) Hexachlorobenzene	11.010	284	241874	42.150	ng	100
69) Atrazine	11.098	200	163963	36.762	ng	100
70) Pentachlorophenol	11.210	266	124117	40.153	ng	99
71) Phenanthrene	11.427	178	977064	40.766	ng	100
72) Anthracene	11.480	178	959400	40.843	ng	99
73) Carbazole	11.633	167	938052	40.444	ng	100
74) Di-n-butylphthalate	11.957	149	1130305	40.603	ng	100
75) Fluoranthene	12.616	202	1061273	39.468	ng	100
77) Benzidine	12.739	184	309358	30.014	ng	98
78) Pyrene	12.845	202	1070626	46.608	ng	100
80) Butylbenzylphthalate	13.457	149	393746	44.621	ng	98
81) Benzo(a)anthracene	14.039	228	734108	41.593	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	228373	40.709	ng	99
83) Chrysene	14.074	228	660037	40.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	480832	40.823	ng	99
85) Di-n-octyl phthalate	14.639	149	640686	38.622	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	702801	46.248	ng	99
88) Benzo(b)fluoranthene	15.104	252	583767	36.276	ng	99
89) Benzo(k)fluoranthene	15.133	252	557943	42.441	ng	100
90) Benzo(a)pyrene	15.474	252	515079	41.217	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	575521	45.817	ng	100
92) Benzo(g,h,i)perylene	17.509	276	594253	46.275	ng	100

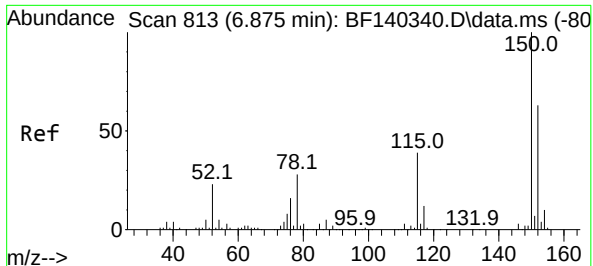
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

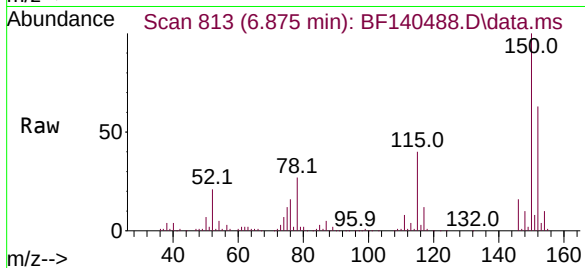
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

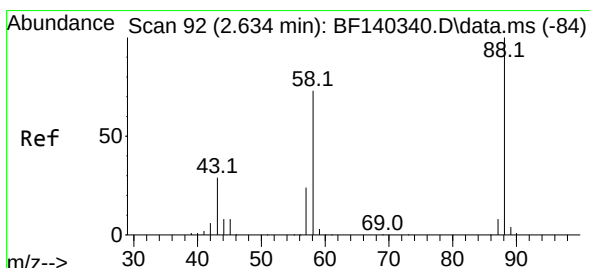
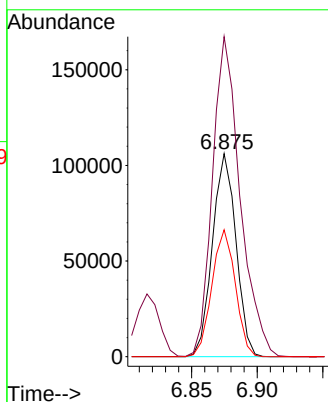
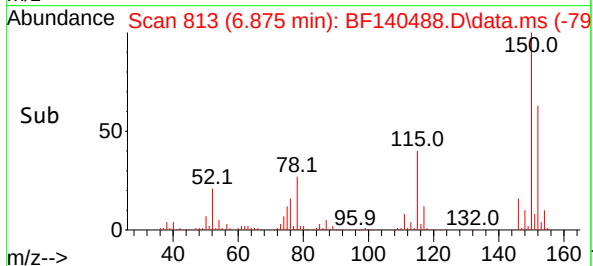
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 132364
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 62.5 47.4 71.2

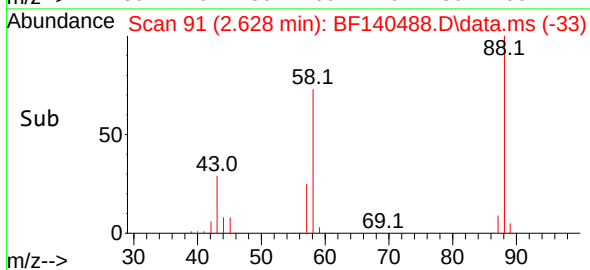
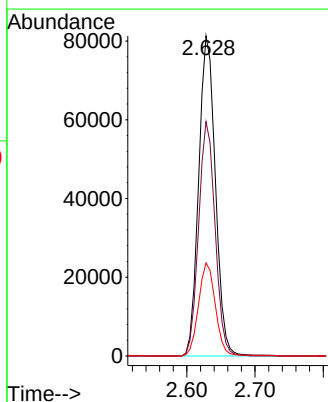
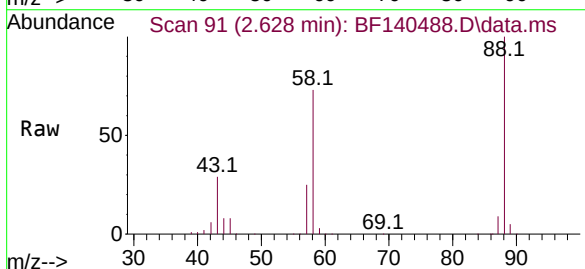
Manual Integrations
APPROVED

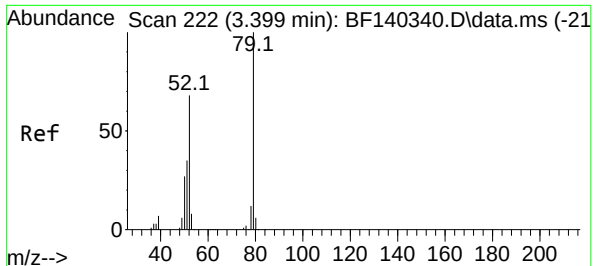
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#2
1,4-Dioxane
Concen: 40.057 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

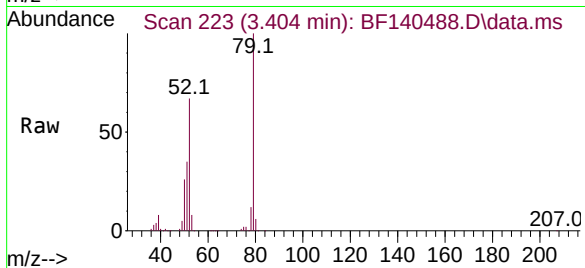
Tgt Ion: 88 Resp: 138405
Ion Ratio Lower Upper
88 100
58 72.1 59.5 89.3
43 29.4 23.4 35.2





#3
Pyridine
Concen: 39.486 ng
RT: 3.404 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

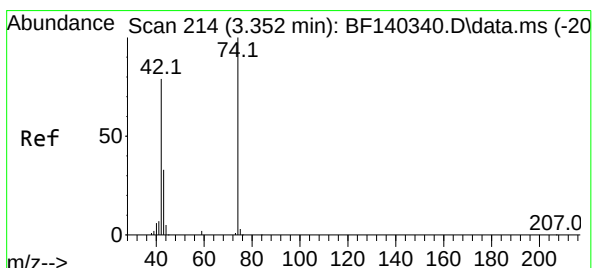
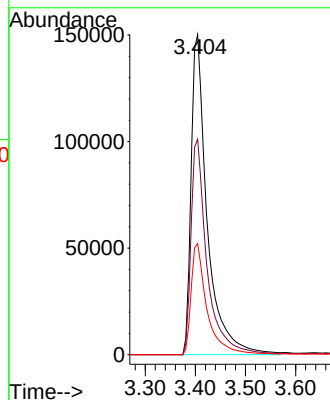
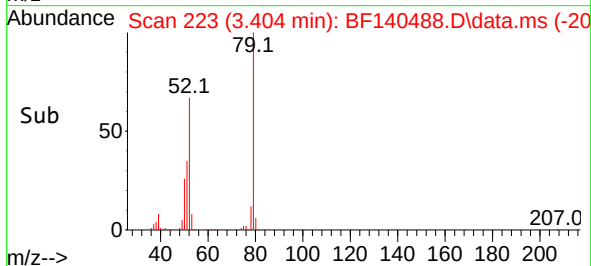
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 335412
Ion Ratio Lower Upper
79 100
52 67.3 53.8 80.6
51 34.7 27.3 40.9

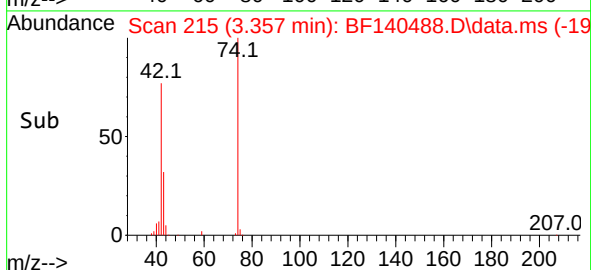
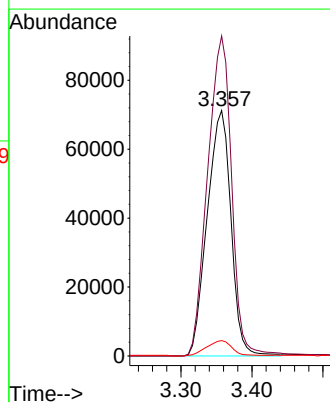
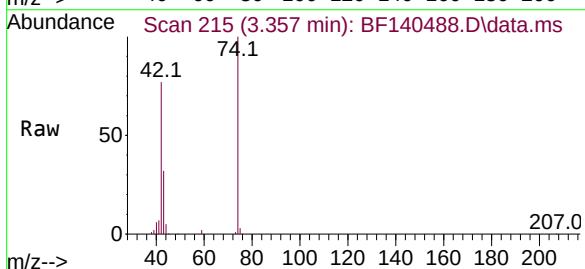
Manual Integrations
APPROVED

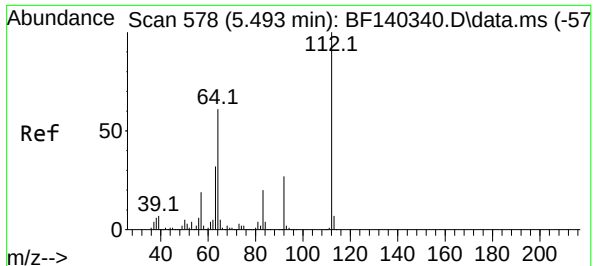
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#4
n-Nitrosodimethylamine
Concen: 38.578 ng
RT: 3.357 min Scan# 215
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 42 Resp: 165619
Ion Ratio Lower Upper
42 100
74 130.3 103.5 155.3
44 6.3 5.1 7.7





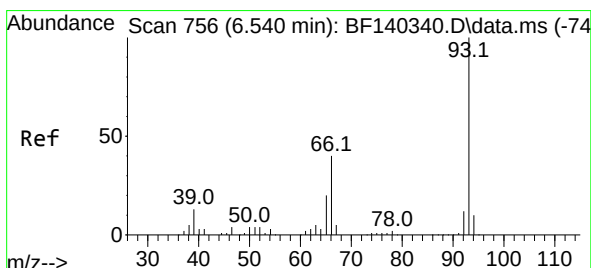
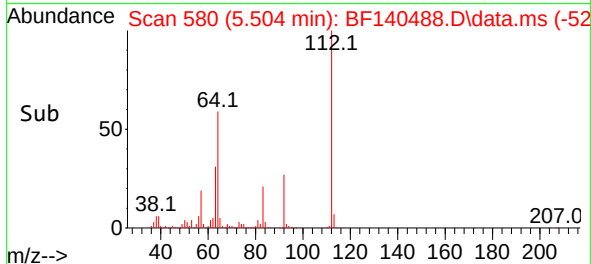
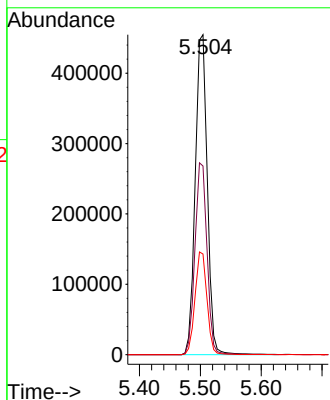
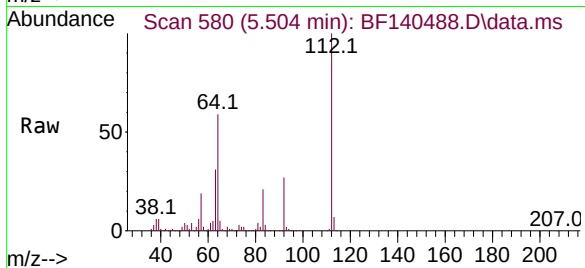
#5
2-Fluorophenol
Concen: 80.791 ng
RT: 5.504 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 112 Resp: 626328
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.5 25.6 38.4

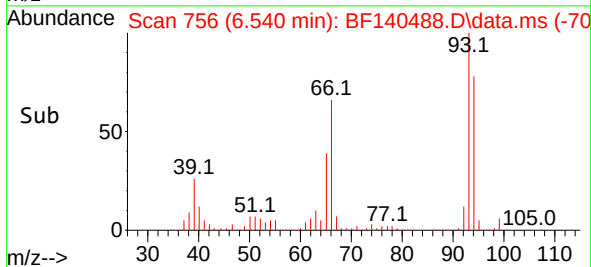
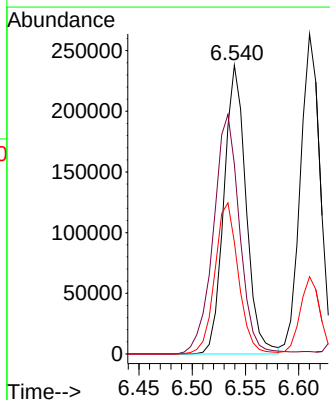
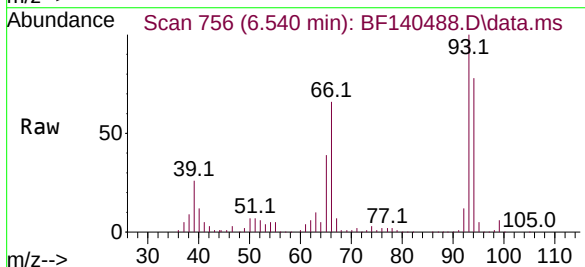
Manual Integrations
APPROVED

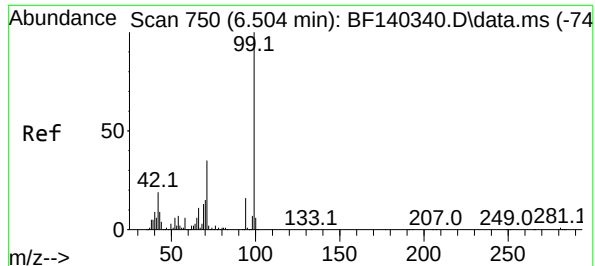
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#6
Aniline
Concen: 37.496 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

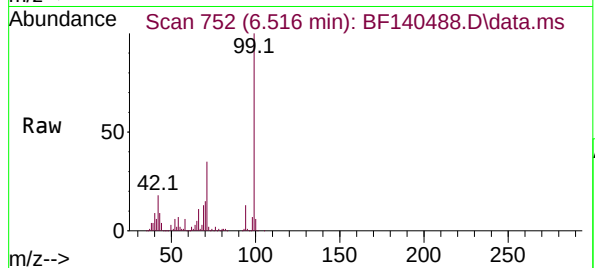
Tgt Ion: 93 Resp: 342599
Ion Ratio Lower Upper
93 100
66 65.7 32.8 49.2#
65 38.8 16.6 25.0#





#7
Phenol-d6
Concen: 79.582 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

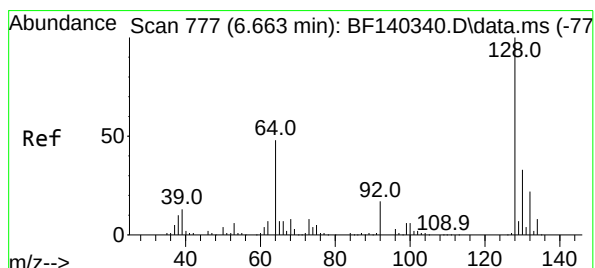
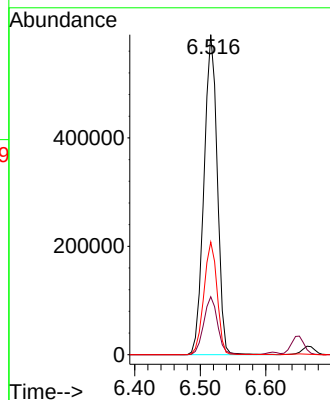
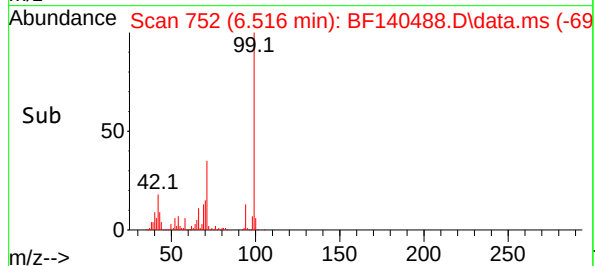
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 835879
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 35.2 27.9 41.9

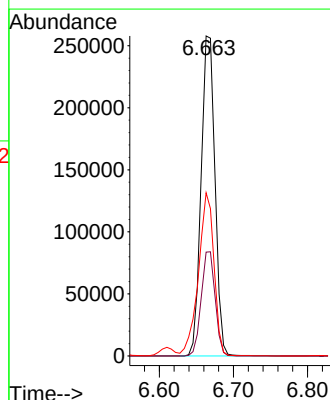
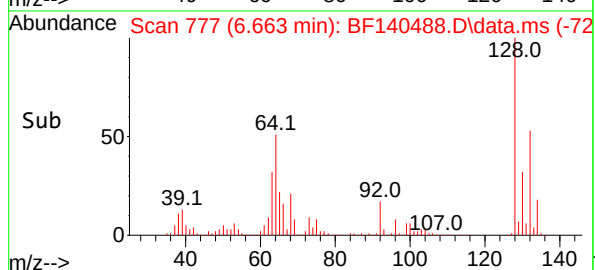
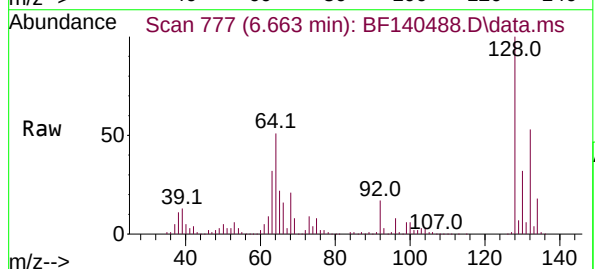
Manual Integrations
APPROVED

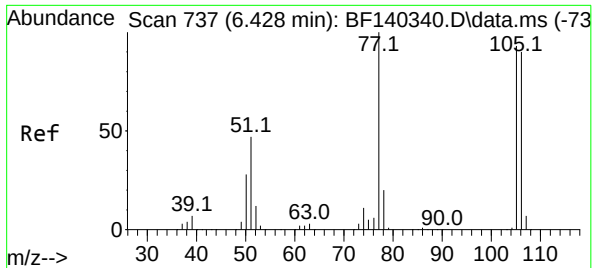
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#8
2-Chlorophenol
Concen: 40.316 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:128 Resp: 335737
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 51.0 30.2 70.2





#9

Benzaldehyde

Concen: 60.302 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 37960

Ion Ratio Lower Upper

77 100

105 95.2 74.4 114.4

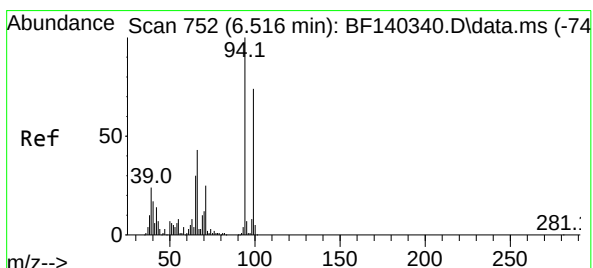
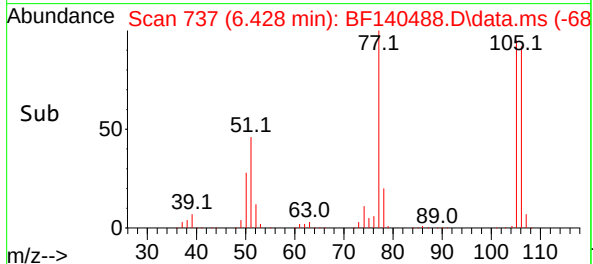
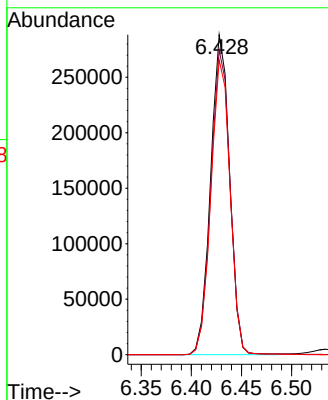
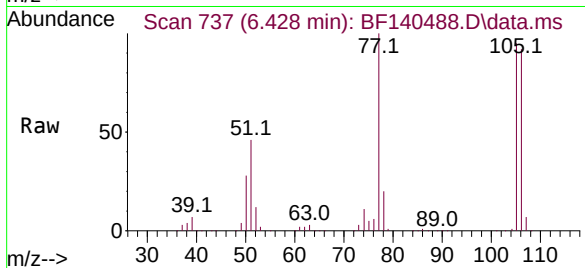
106 92.1 69.9 109.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#10

Phenol

Concen: 39.610 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

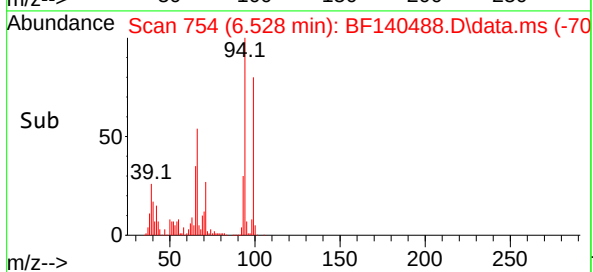
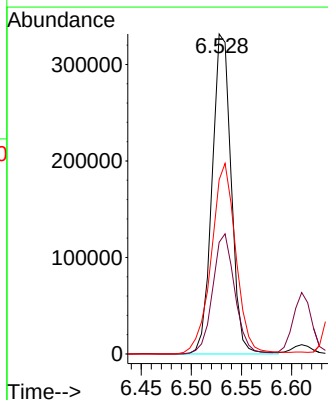
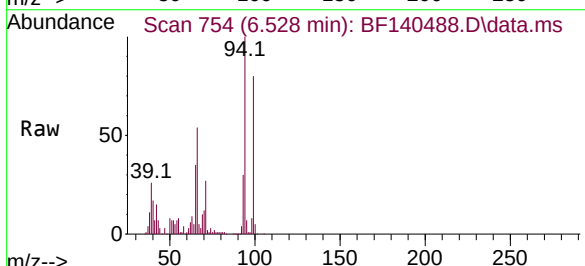
Tgt Ion: 94 Resp: 438741

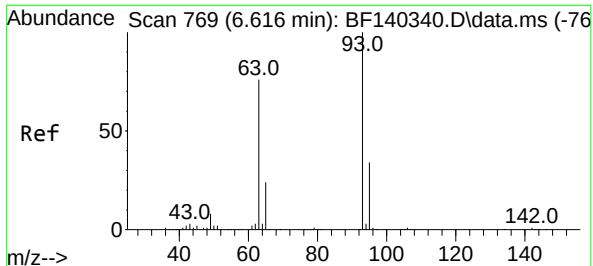
Ion Ratio Lower Upper

94 100

65 34.9 10.4 50.4

66 54.5 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 40.278 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 33804

Ion Ratio Lower Upper

93 100

63 74.5 54.0 94.0

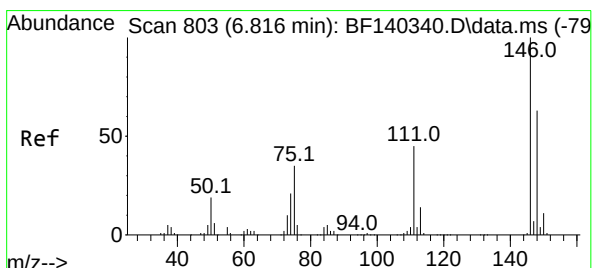
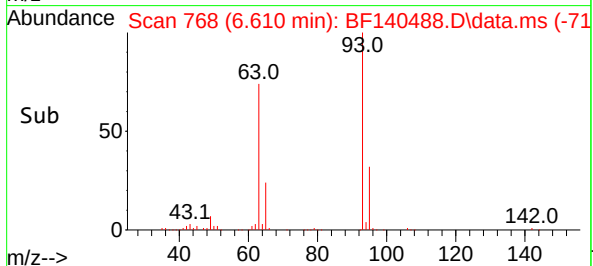
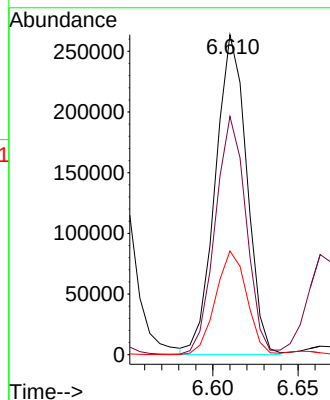
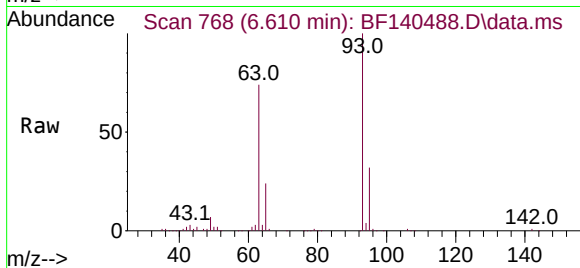
95 32.4 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#12

1,3-Dichlorobenzene

Concen: 40.664 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

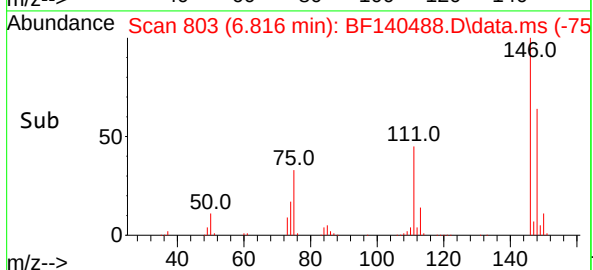
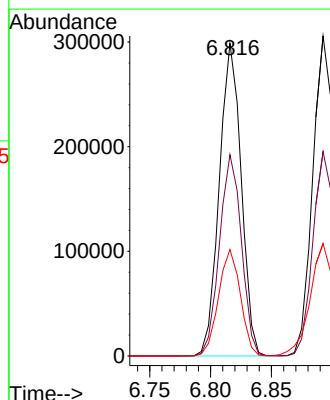
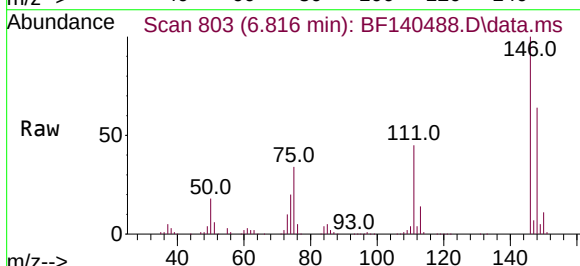
Tgt Ion:146 Resp: 373631

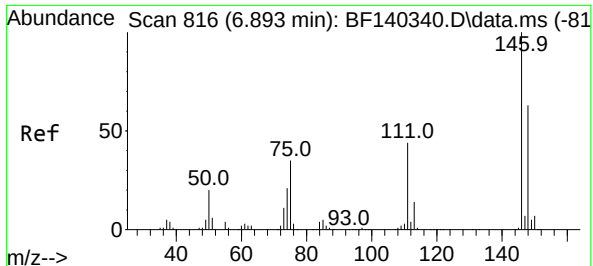
Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

75 34.0 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 40.679 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 378990

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

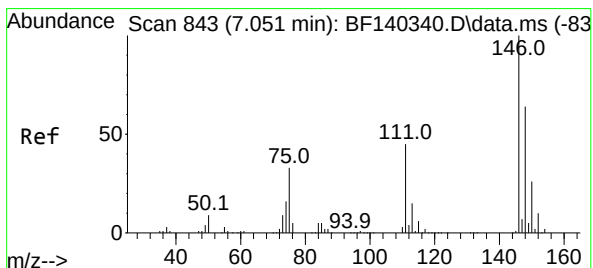
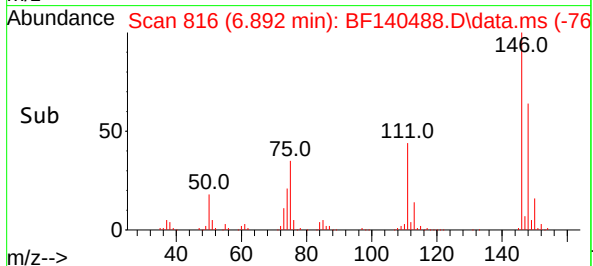
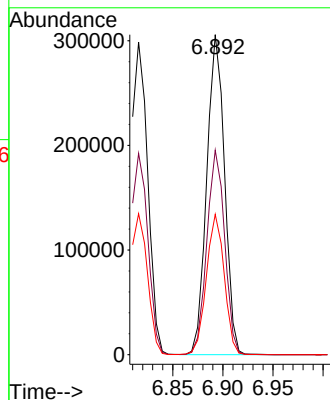
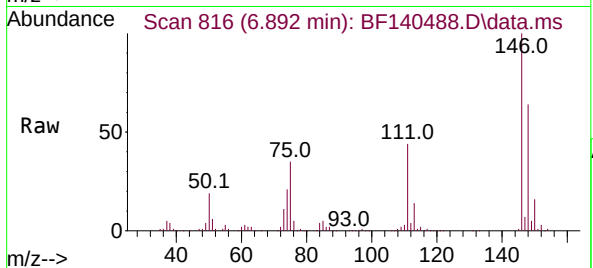
111 43.8 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#14

1,2-Dichlorobenzene

Concen: 40.596 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

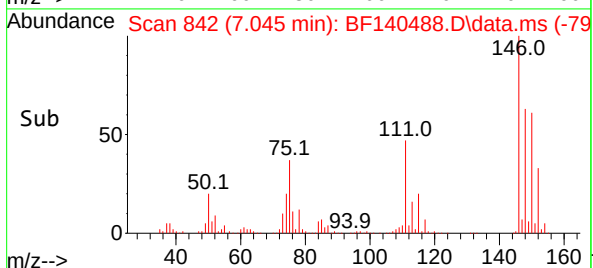
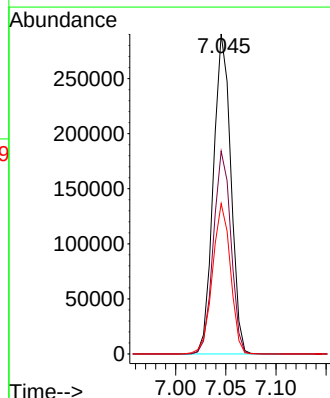
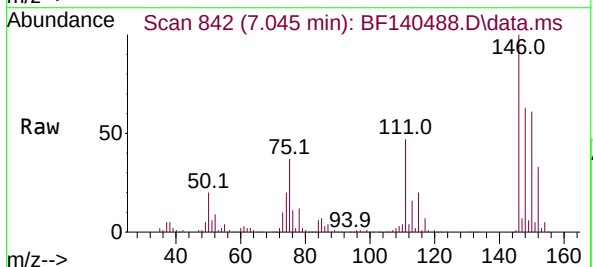
Tgt Ion:146 Resp: 351114

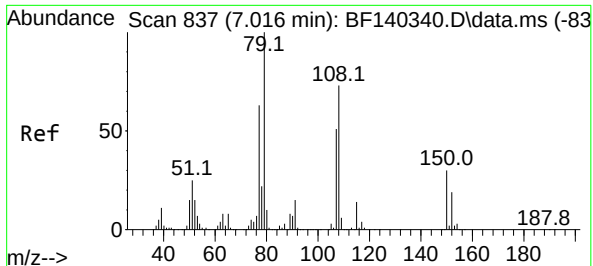
Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

111 47.0 36.5 54.7





#15

Benzyl Alcohol

Concen: 40.015 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 30280

Ion Ratio Lower Upper

79 100

108 72.9 57.8 86.6

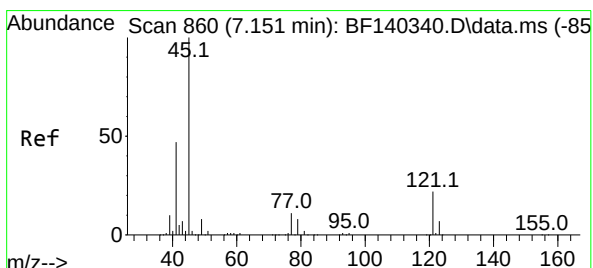
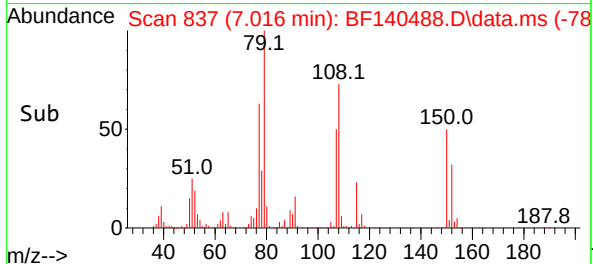
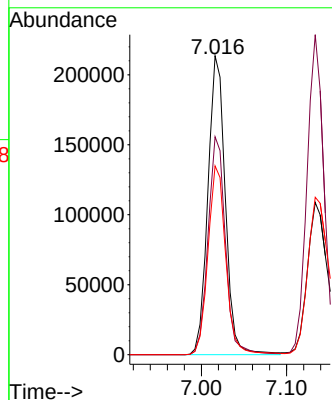
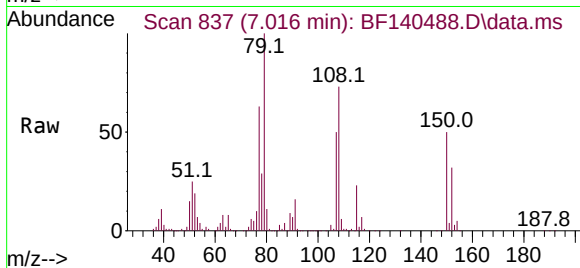
77 63.2 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.322 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

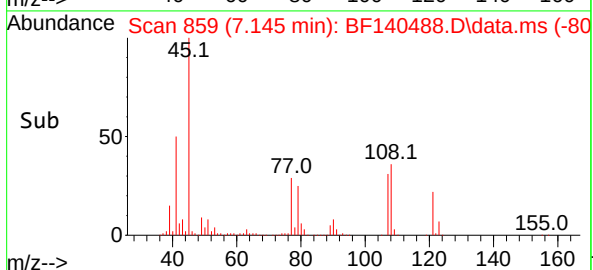
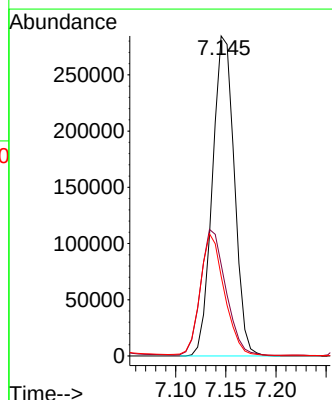
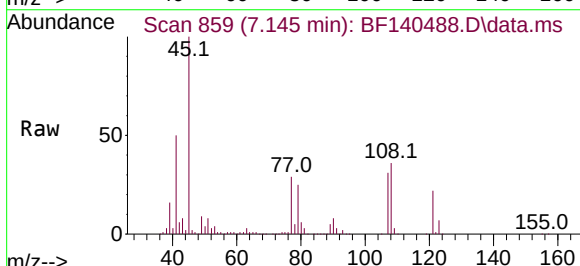
Tgt Ion: 45 Resp: 432663

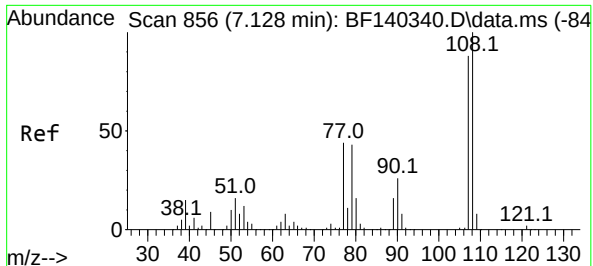
Ion Ratio Lower Upper

45 100

77 28.6 0.0 34.8

79 24.9 0.0 31.4





#17
2-Methylphenol
Concen: 39.889 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

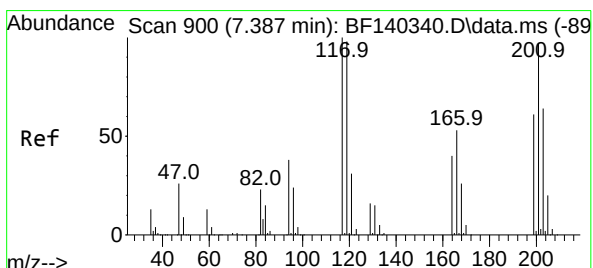
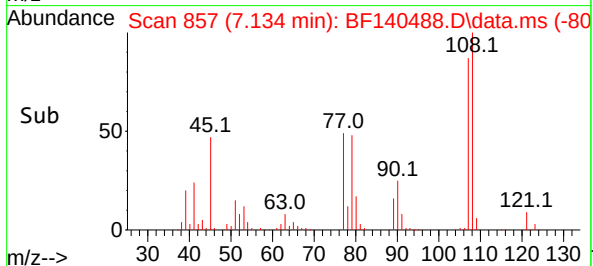
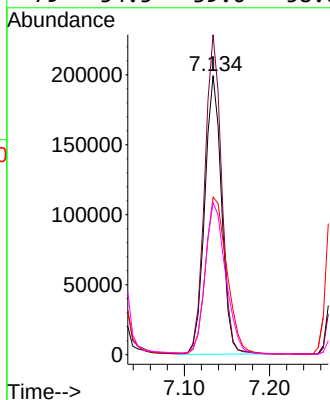
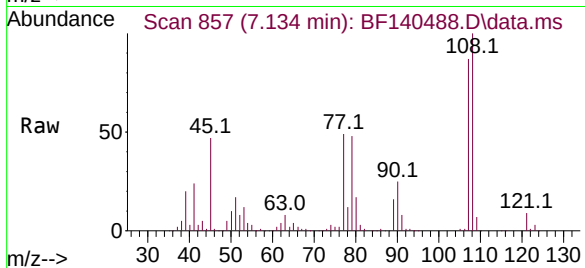
ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 273264
Ion Ratio Lower Upper
107 100
108 114.7 91.9 137.9
77 56.4 39.7 59.5
79 54.5 39.0 58.6

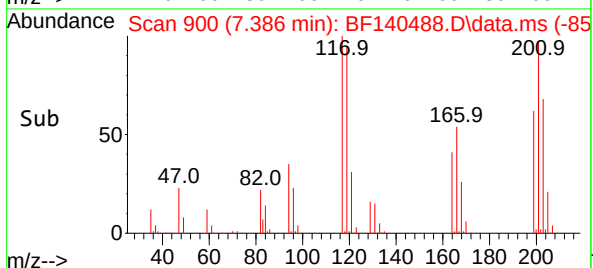
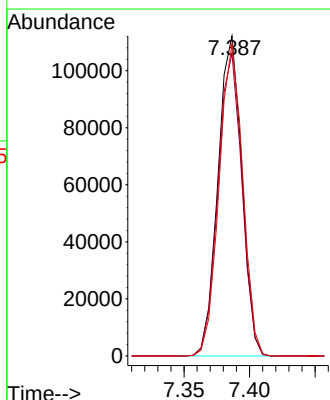
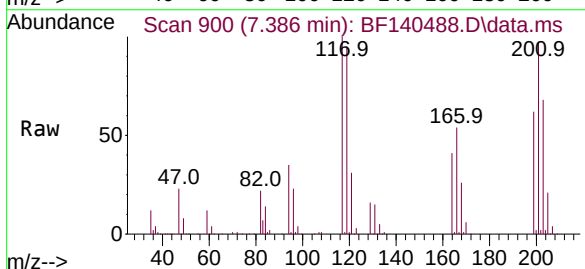
Manual Integrations
APPROVED

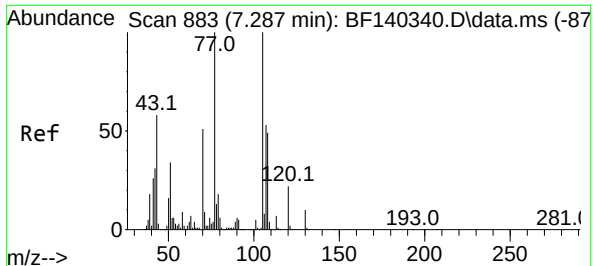
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#18
Hexachloroethane
Concen: 41.146 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:117 Resp: 141716
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3
201 97.4 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.218 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF140488.D

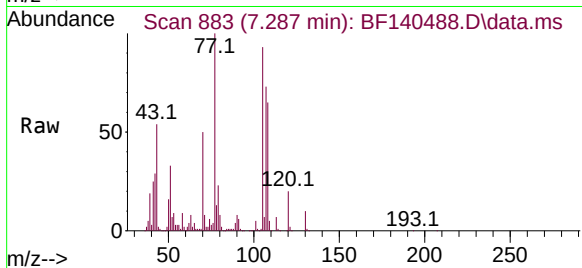
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 242440

Ion Ratio Lower Upper

70 100

42 57.8 46.8 70.2

101 9.7 7.5 11.3

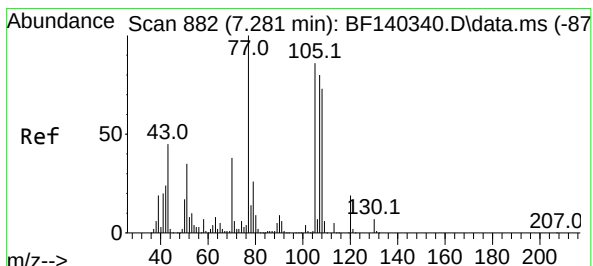
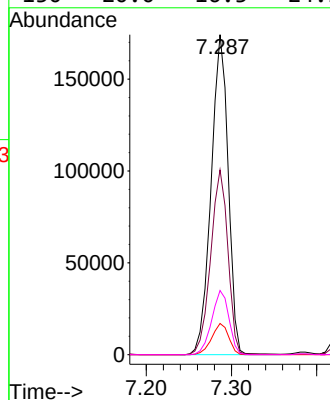
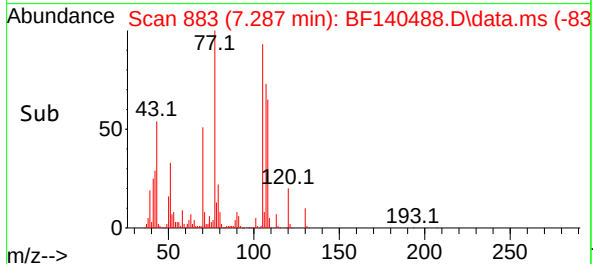
130 20.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#20

3+4-Methylphenols

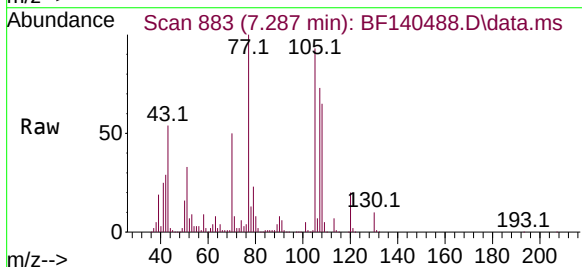
Concen: 39.866 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31



Tgt Ion:107 Resp: 341542

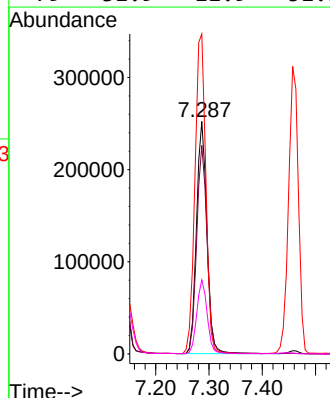
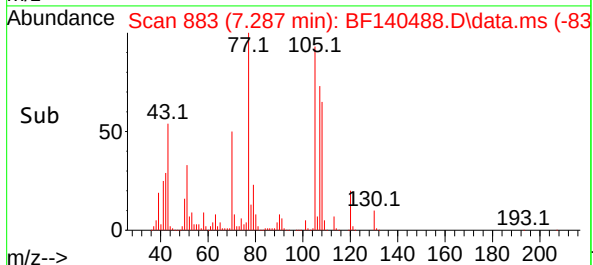
Ion Ratio Lower Upper

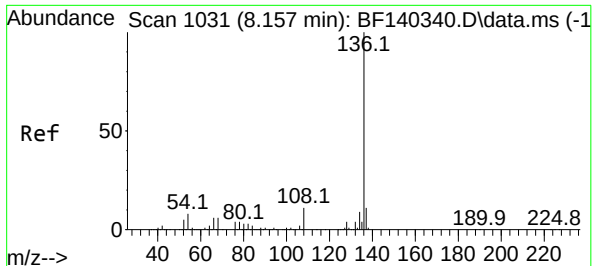
107 100

108 89.7 71.4 111.4

77 137.7 97.0 137.0#

79 31.9 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 490489

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.6 6.5 9.7

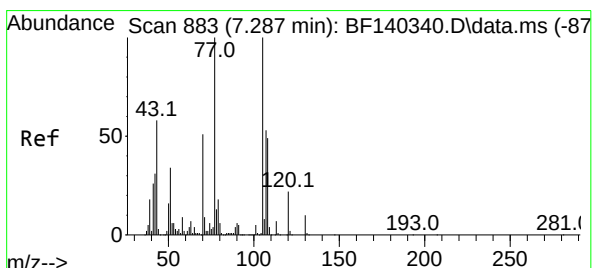
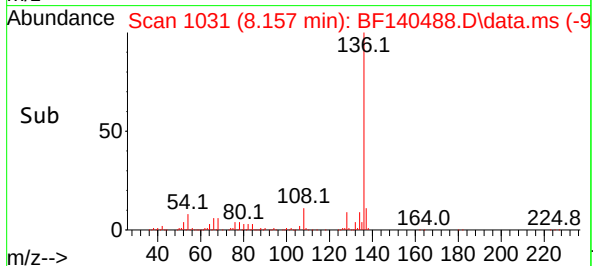
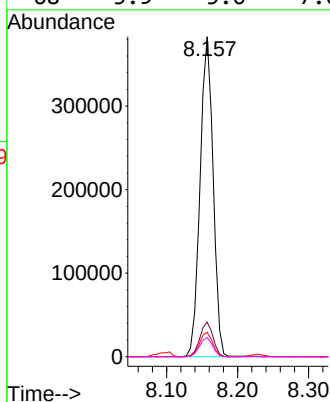
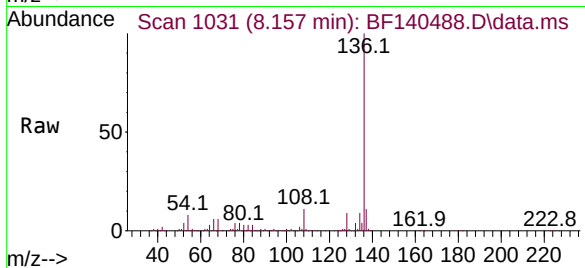
68 5.9 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#22

Acetophenone

Concen: 40.314 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Tgt Ion:105 Resp: 459893

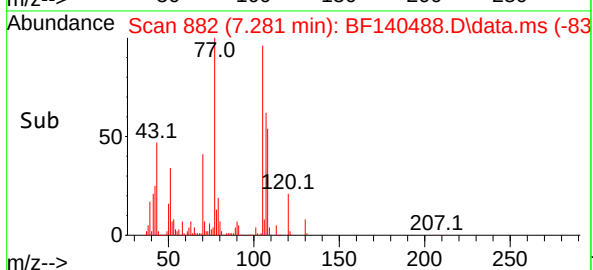
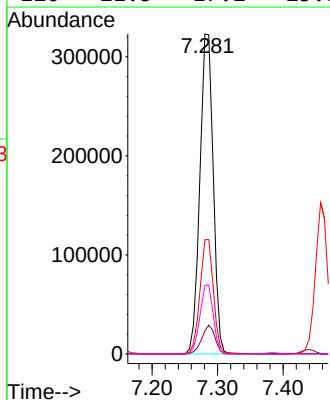
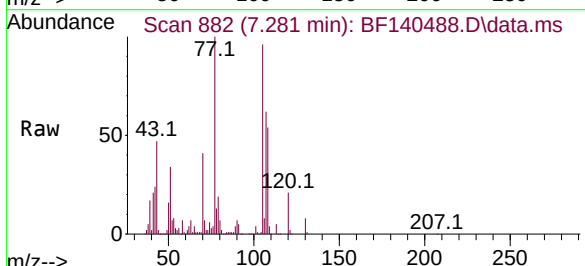
Ion Ratio Lower Upper

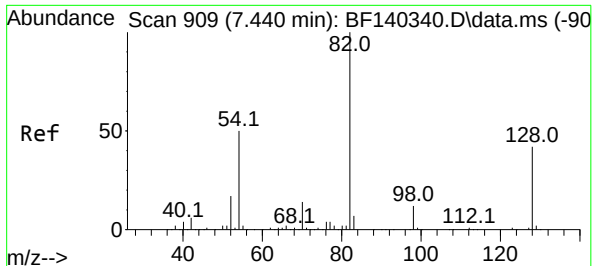
105 100

71 7.2 6.9 10.3

51 35.7 28.6 43.0

120 21.5 17.2 25.8





#23

Nitrobenzene-d5

Concen: 81.601 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 768178

Ion Ratio Lower Upper

82 100

128 42.5 33.3 49.9

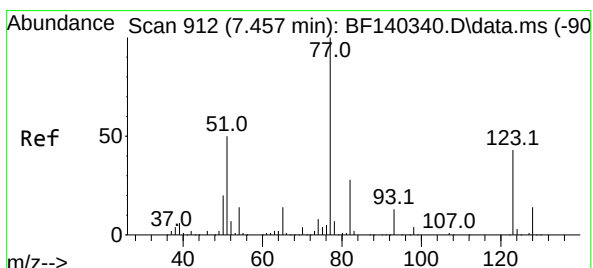
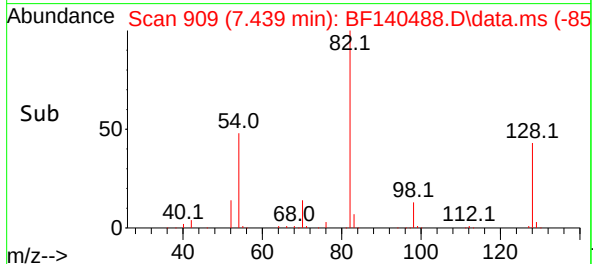
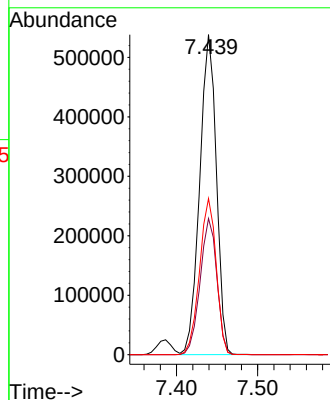
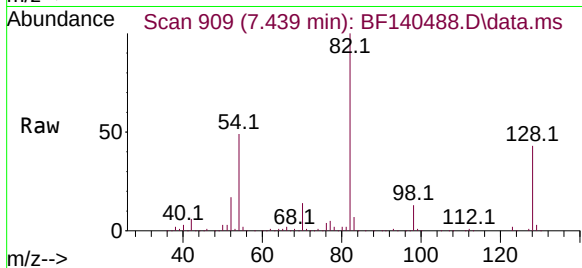
54 48.8 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#24

Nitrobenzene

Concen: 40.890 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

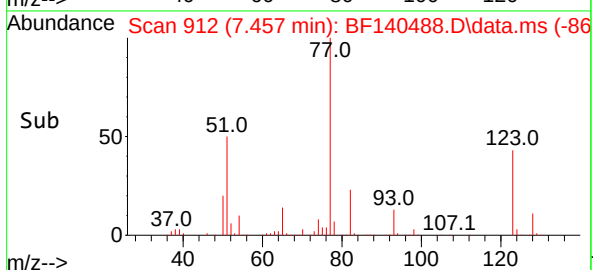
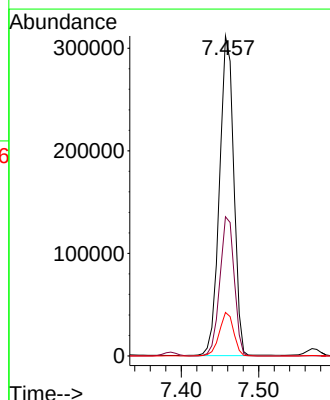
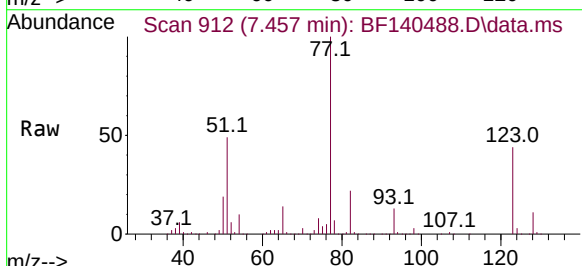
Tgt Ion: 77 Resp: 400779

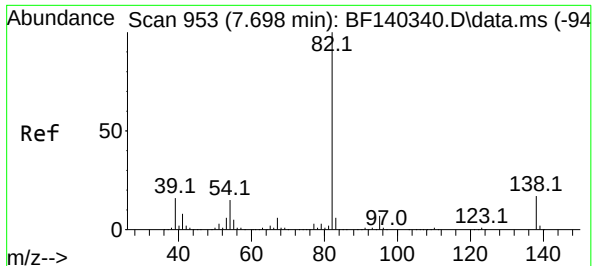
Ion Ratio Lower Upper

77 100

123 43.5 35.4 53.0

65 13.6 11.1 16.7





#25

Isophorone

Concen: 39.991 ng

RT: 7.692 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 667210

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

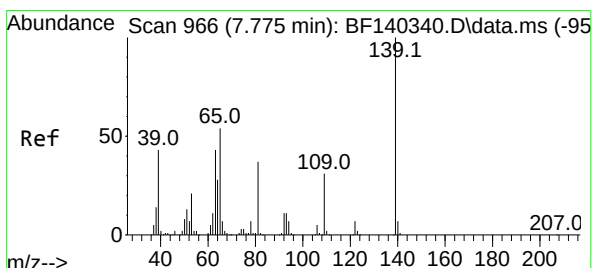
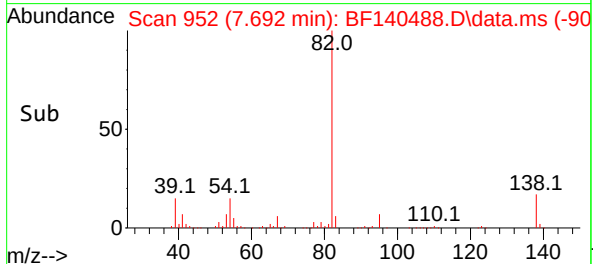
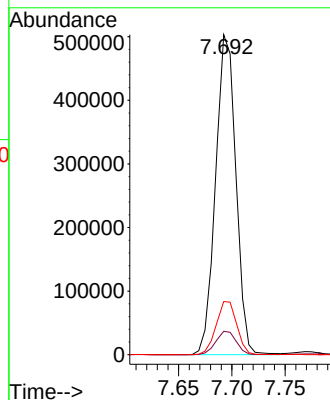
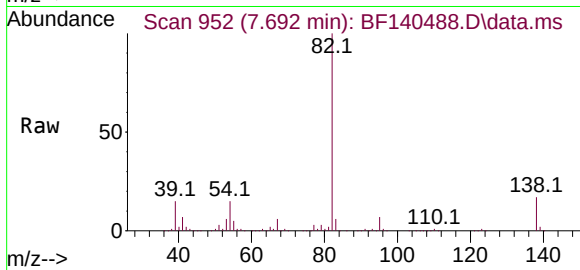
138 16.6 13.4 20.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#26

2-Nitrophenol

Concen: 42.584 ng

RT: 7.775 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

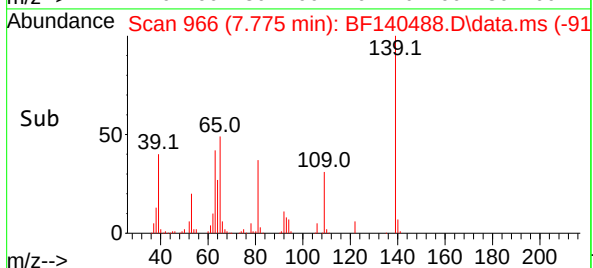
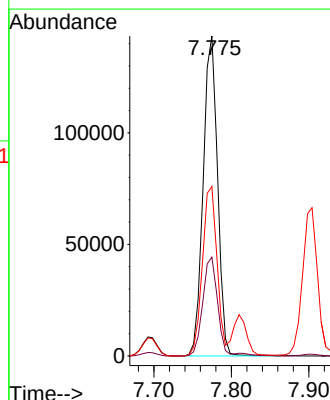
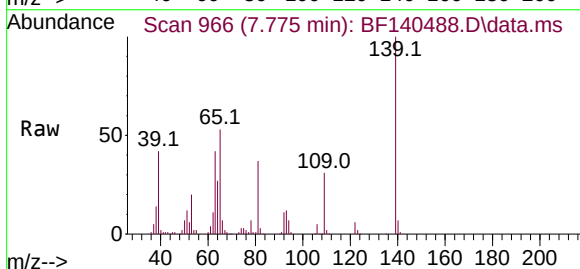
Tgt Ion:139 Resp: 185216

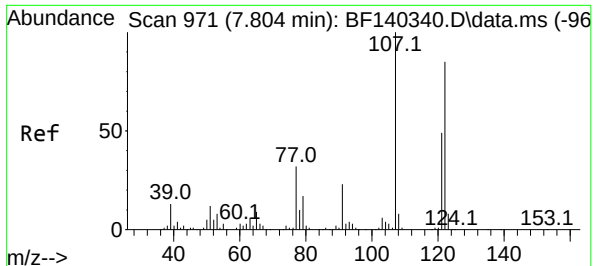
Ion Ratio Lower Upper

139 100

109 30.9 24.4 36.6

65 52.9 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 41.165 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 229224

Ion Ratio Lower Upper

122 100

107 117.1 91.3 136.9

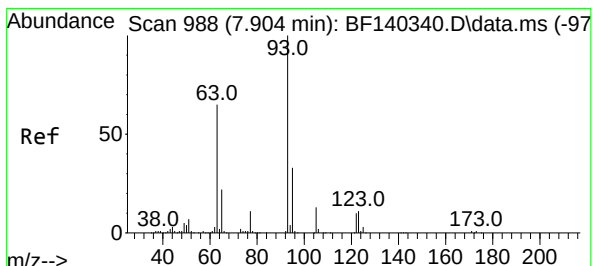
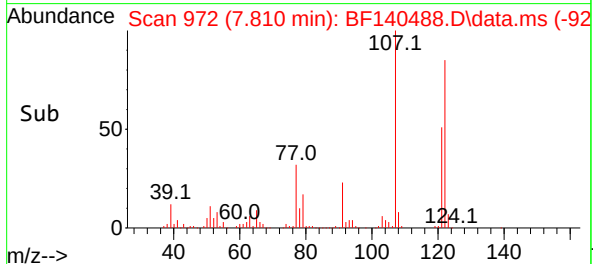
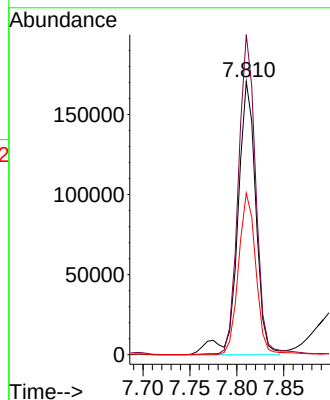
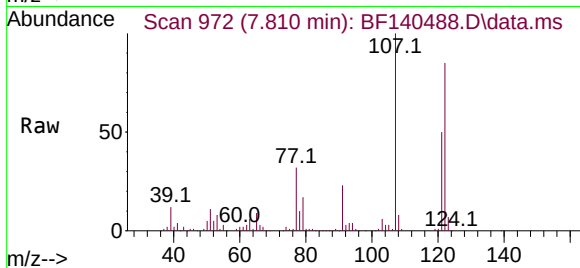
121 59.2 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.536 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

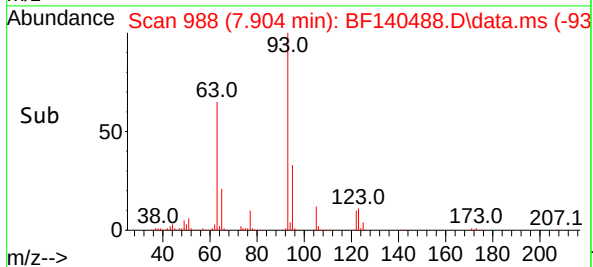
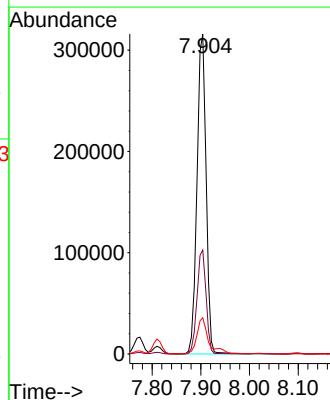
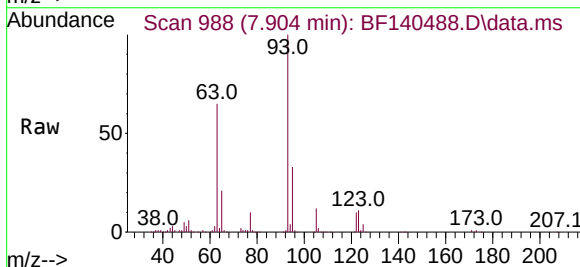
Tgt Ion: 93 Resp: 414691

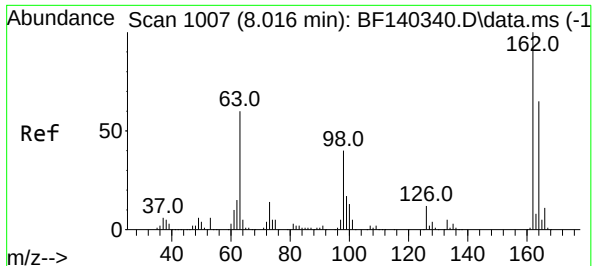
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.3 9.2 13.8





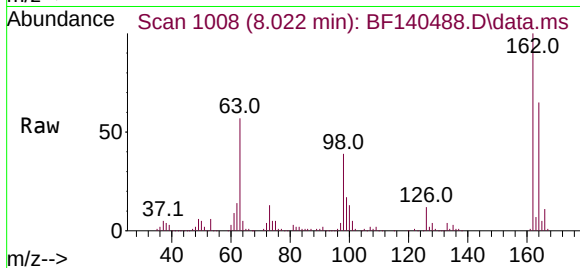
#29
2,4-Dichlorophenol
Concen: 41.936 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

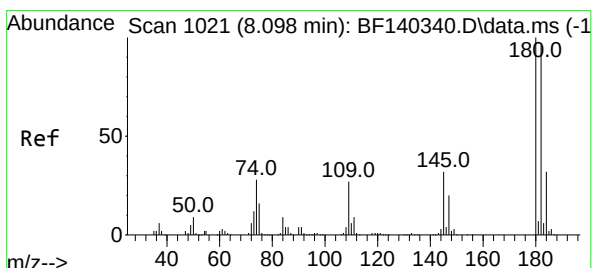
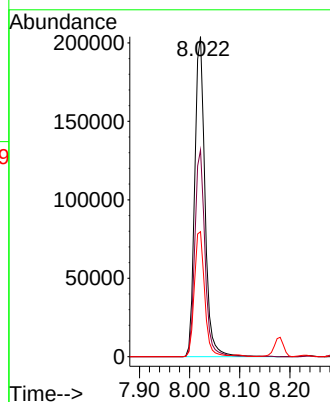
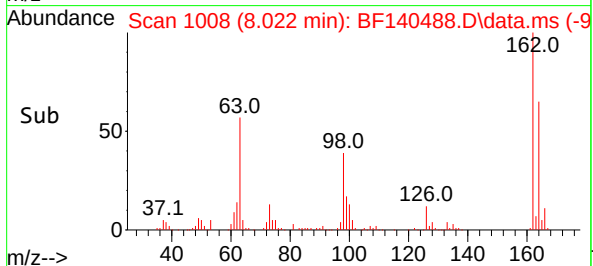
SSTDCCC040



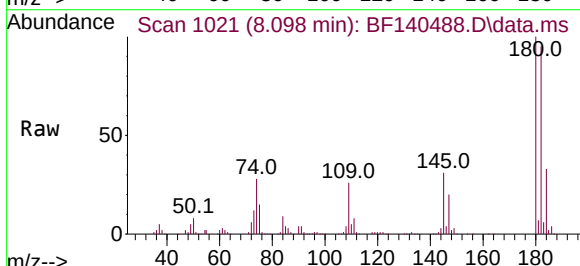
Tgt Ion:162 Resp: 28859
Ion Ratio Lower Upper
162 100
164 64.6 45.4 85.4
98 39.0 19.9 59.9

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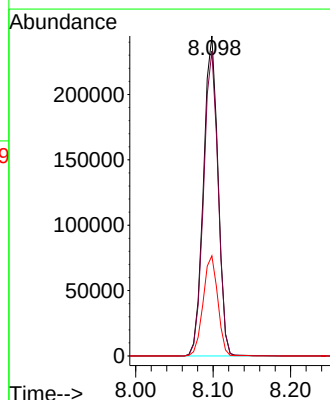
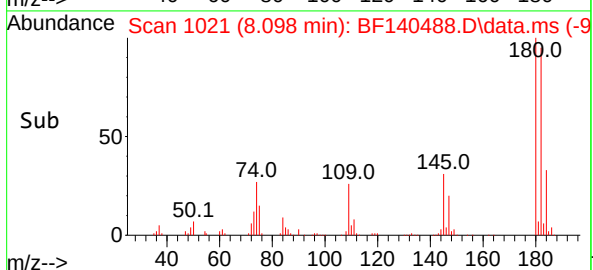
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

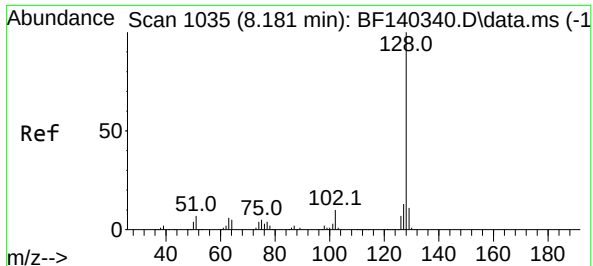


#30
1,2,4-Trichlorobenzene
Concen: 41.545 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



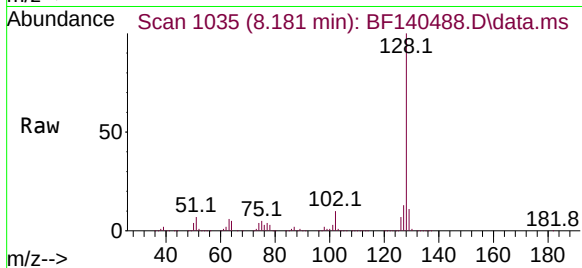
Tgt Ion:180 Resp: 318306
Ion Ratio Lower Upper
180 100
182 95.3 76.5 114.7
145 31.3 25.3 37.9





#31
Naphthalene
Concen: 41.021 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

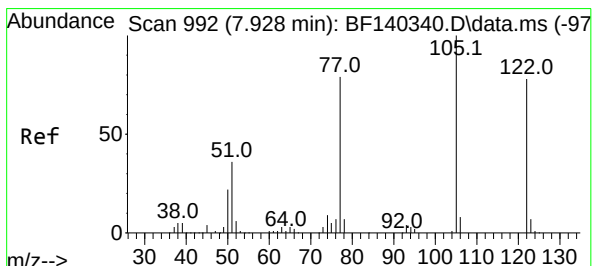
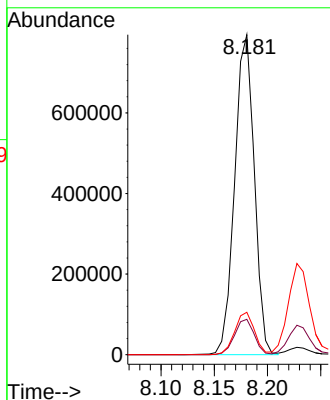
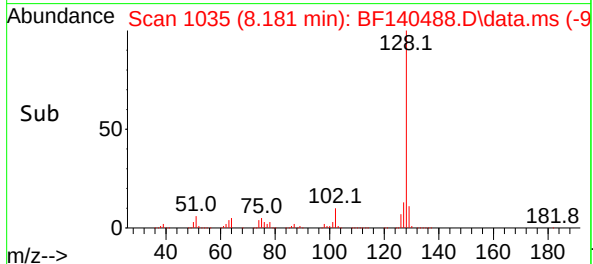
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1020660
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 15.8

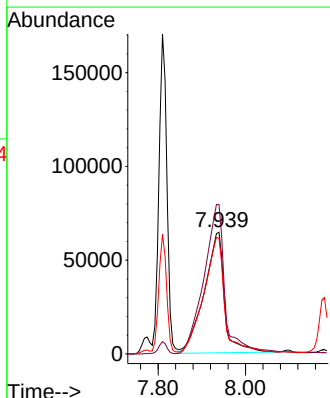
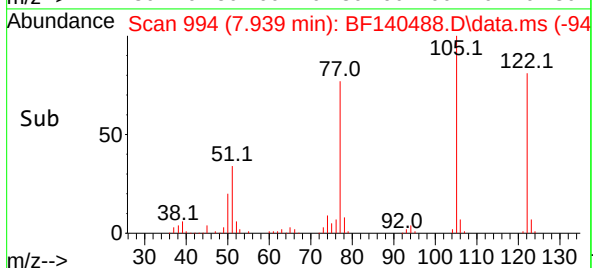
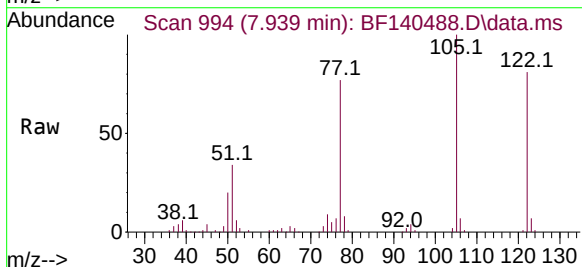
Manual Integrations
APPROVED

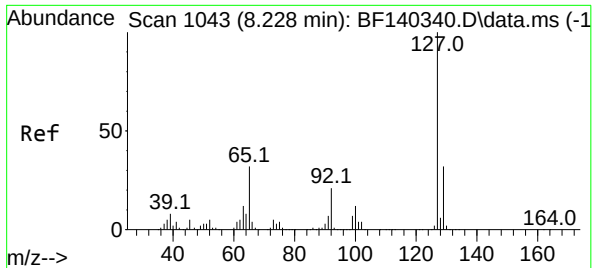
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#32
Benzoic acid
Concen: 42.721 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:122 Resp: 209323
Ion Ratio Lower Upper
122 100
105 122.7 100.9 140.9
77 95.0 76.0 116.0





#33
4-Chloroaniline
Concen: 38.800 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

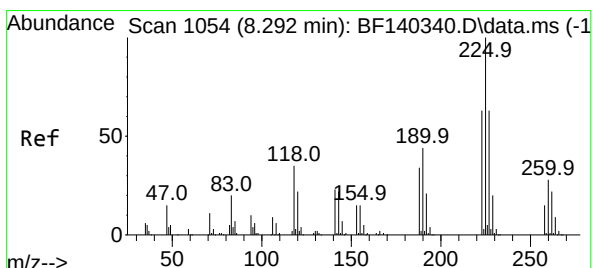
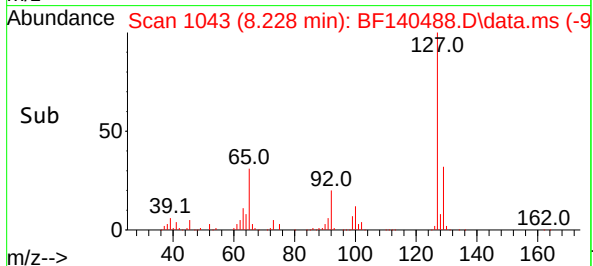
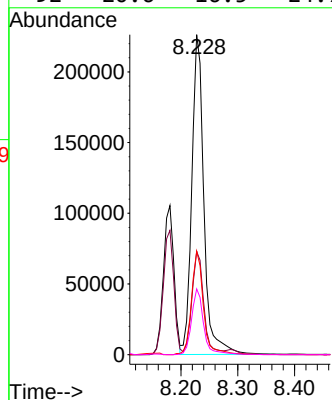
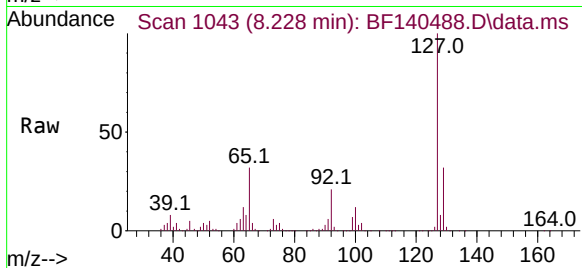
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	32.3	25.8	38.6
92	20.6	16.5	24.7

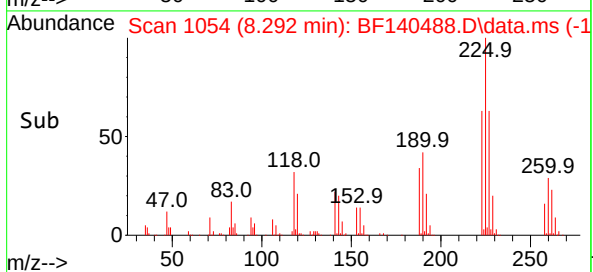
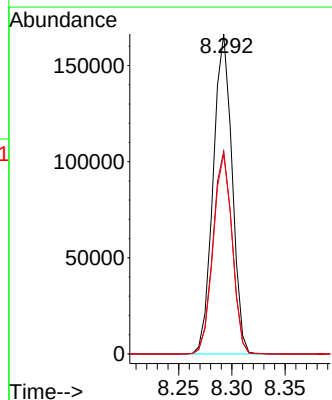
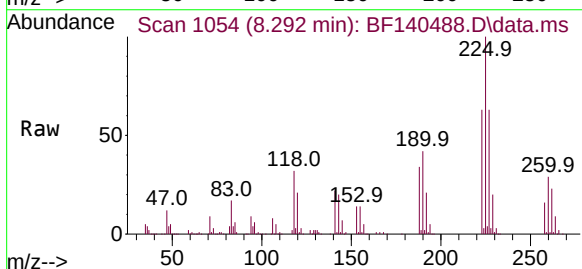
Manual Integrations
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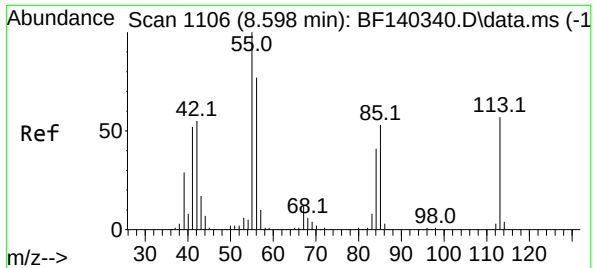
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#34
Hexachlorobutadiene
Concen: 41.969 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.1	75.1
227	62.5	51.3	76.9





#35

Caprolactam

Concen: 41.015 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 9381

Ion Ratio Lower Upper

113 100

55 166.1 150.0 190.0

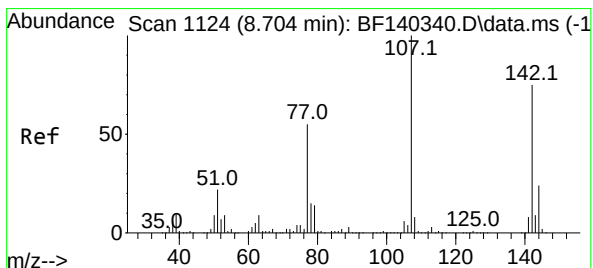
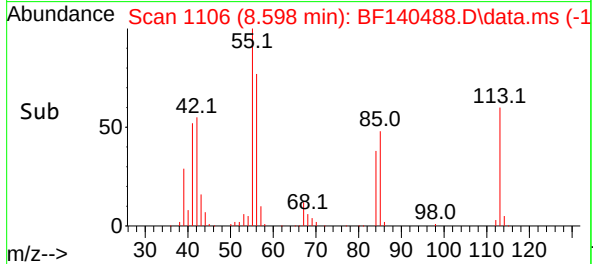
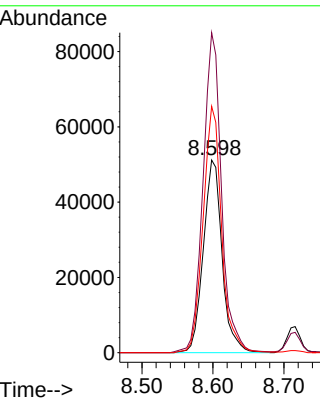
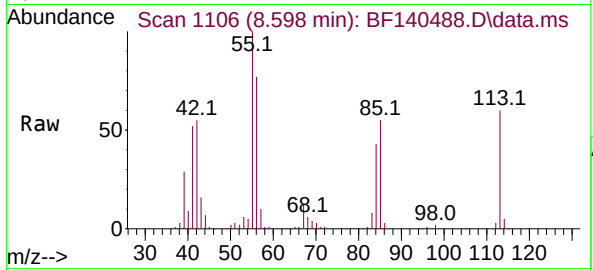
56 127.9 111.1 151.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#36

4-Chloro-3-methylphenol

Concen: 41.442 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

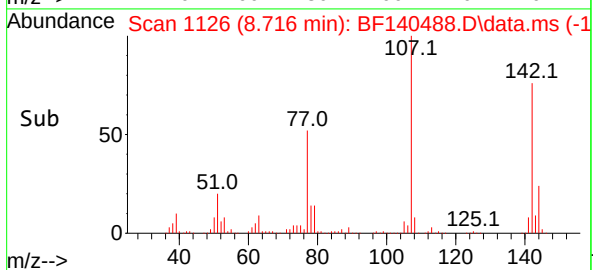
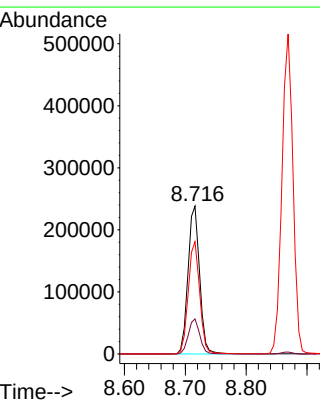
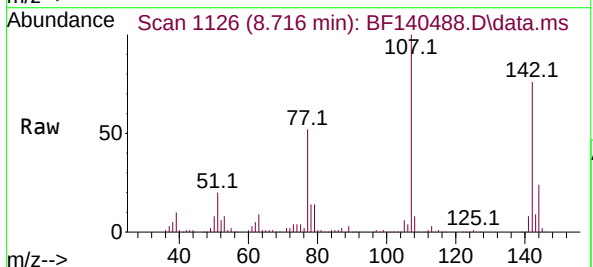
Tgt Ion:107 Resp: 316051

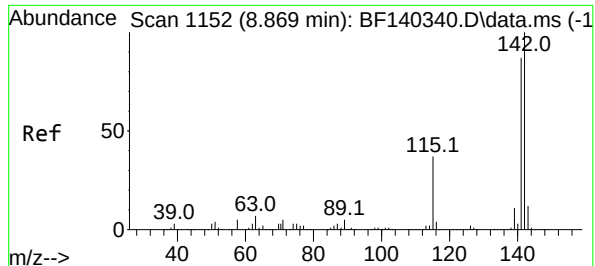
Ion Ratio Lower Upper

107 100

144 23.7 19.3 28.9

142 75.9 59.4 89.0





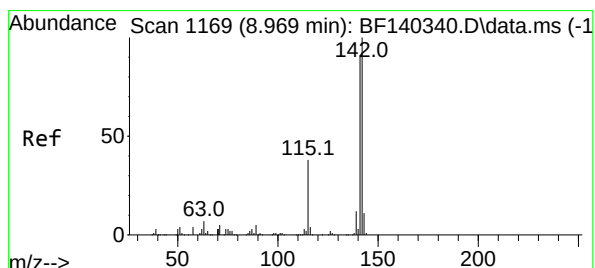
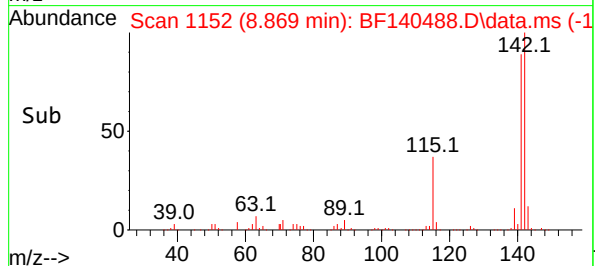
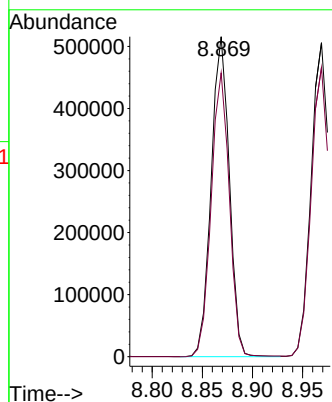
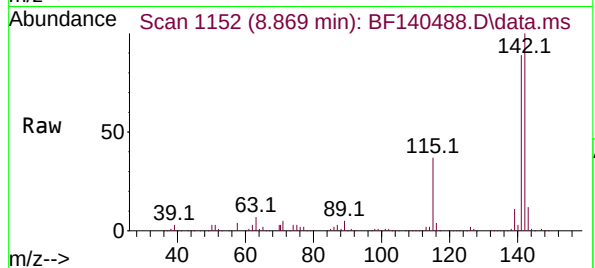
#37
2-Methylnaphthalene
Concen: 40.752 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 650164
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6

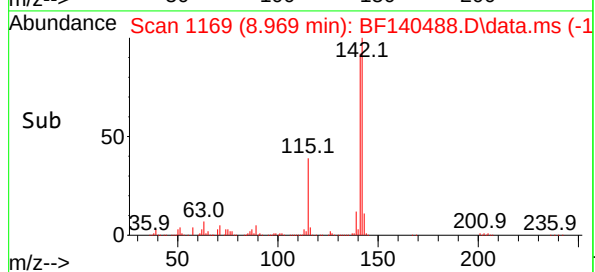
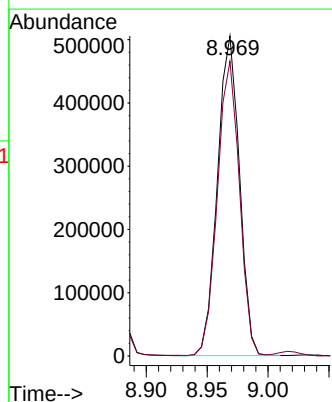
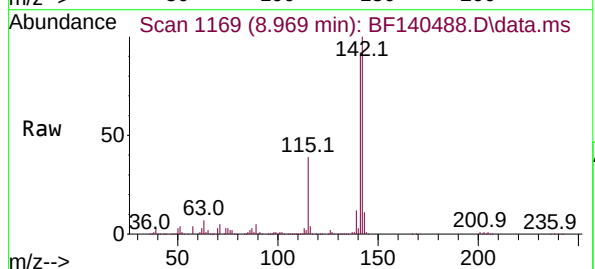
Manual Integrations
APPROVED

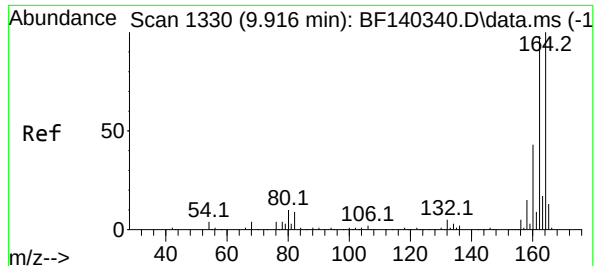
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#38
1-Methylnaphthalene
Concen: 40.761 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:142 Resp: 636817
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 273054

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

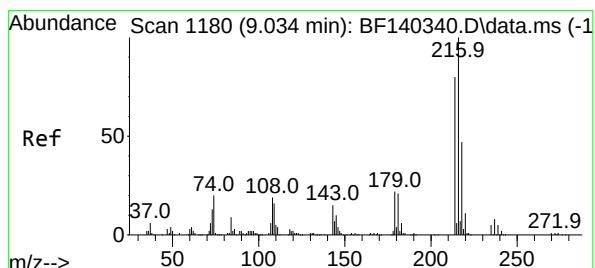
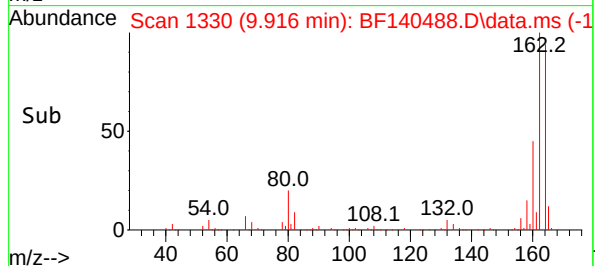
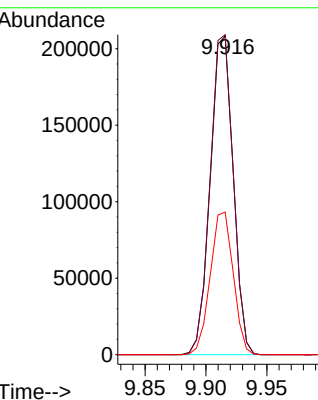
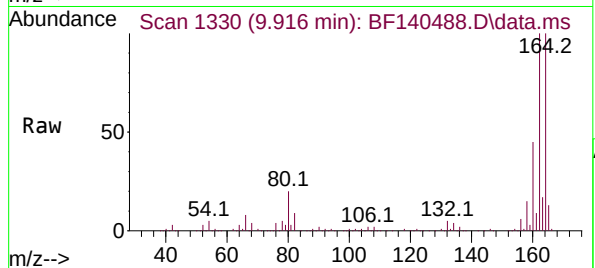
160 44.8 35.4 53.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.033 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Tgt Ion:216 Resp: 317385

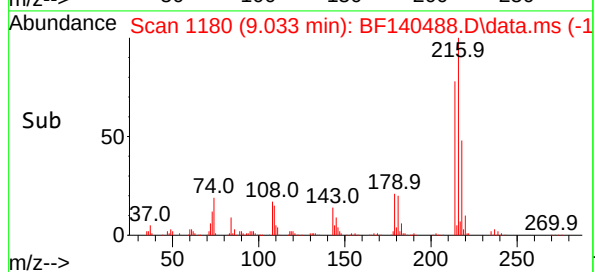
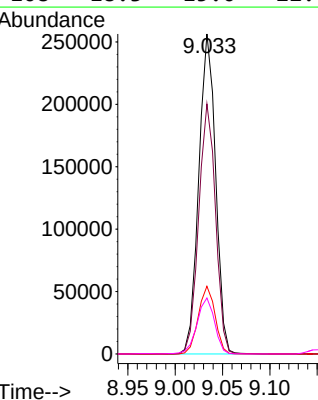
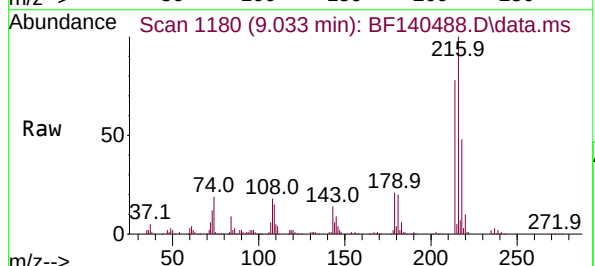
Ion Ratio Lower Upper

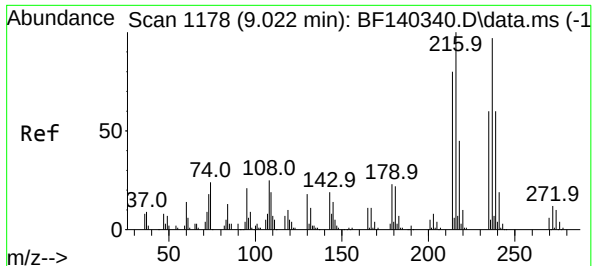
216 100

214 78.0 63.2 94.8

179 21.0 17.2 25.8

108 18.3 15.0 22.4





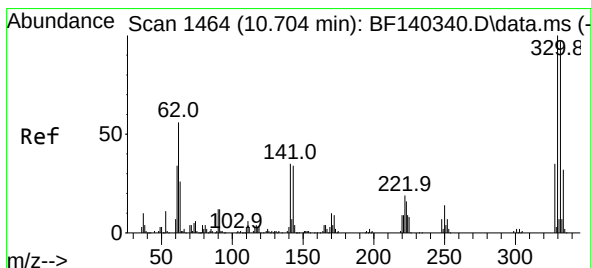
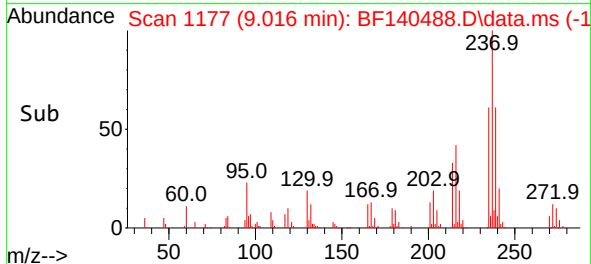
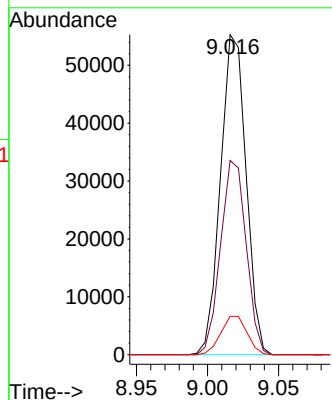
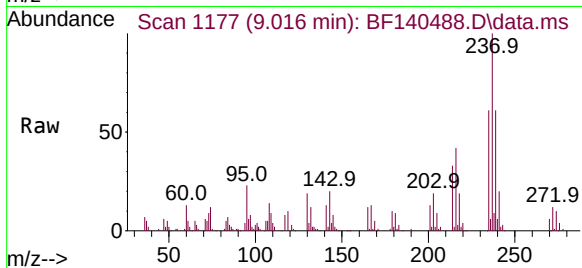
#41
Hexachlorocyclopentadiene
Concen: 35.720 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 69250
Ion Ratio Lower Upper
237 100
235 60.7 42.8 82.8
272 12.0 0.0 33.1

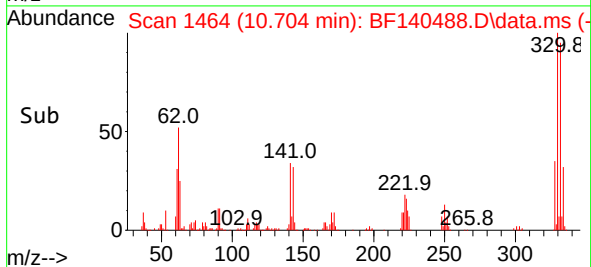
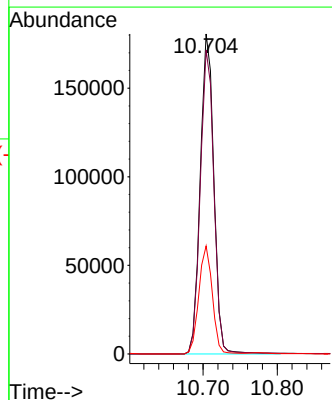
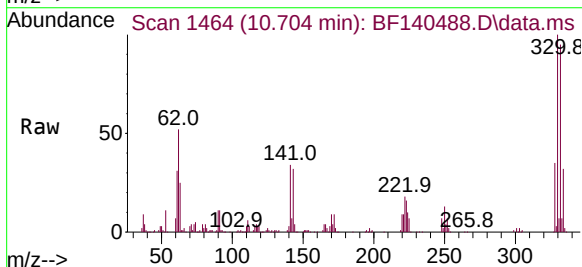
Manual Integrations
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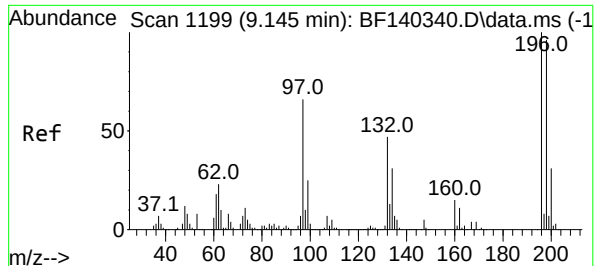
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#42
2,4,6-Tribromophenol
Concen: 84.657 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

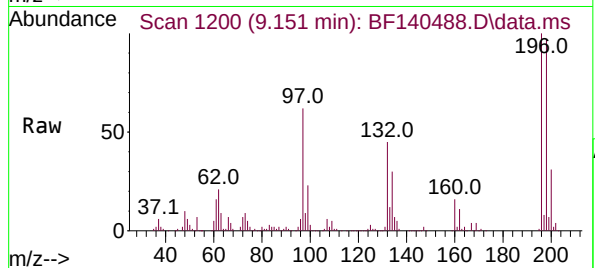
Tgt Ion:330 Resp: 229869
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 33.6 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 41.575 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

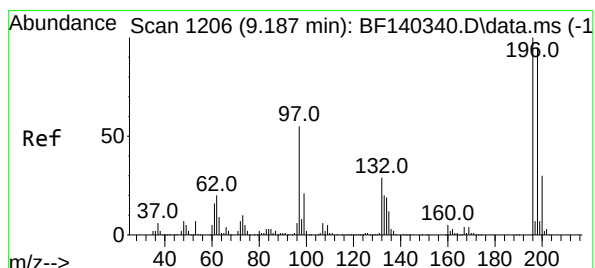
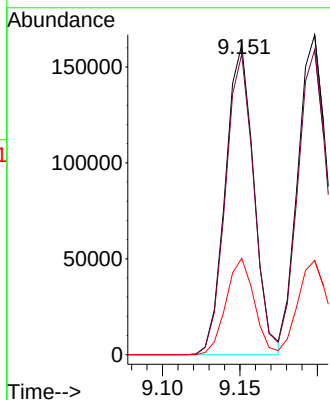
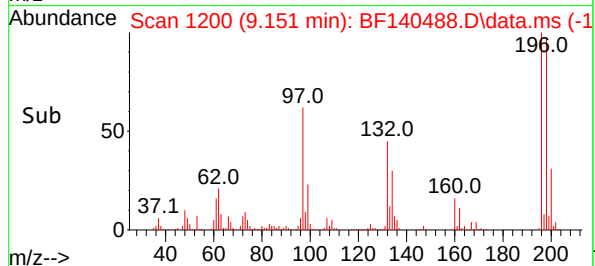
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



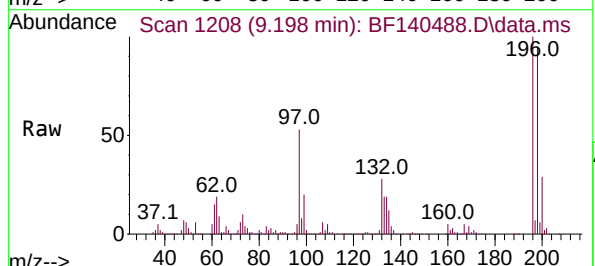
Tgt Ion:196 Resp: 206019
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.4
200 31.1 24.2 36.4

Manual Integrations
APPROVED

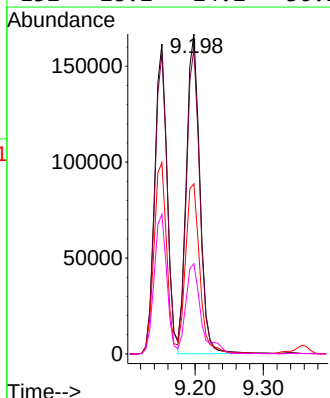
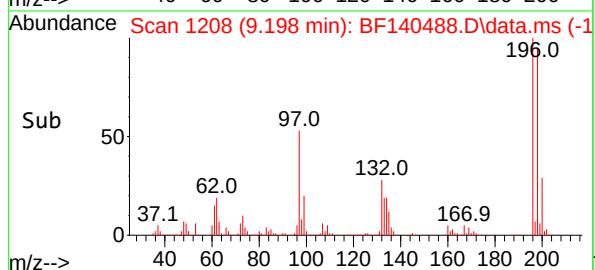
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

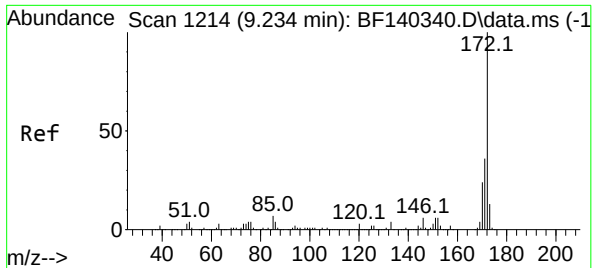


#44
2,4,5-Trichlorophenol
Concen: 42.101 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:196 Resp: 228093
Ion Ratio Lower Upper
196 100
198 95.4 77.6 116.4
97 53.2 45.4 68.2
132 28.2 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 82.435 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1400225

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

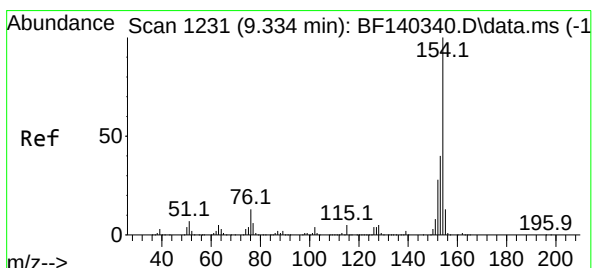
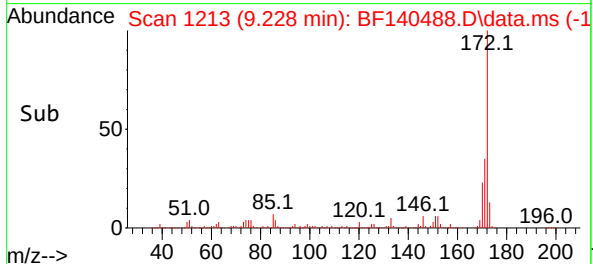
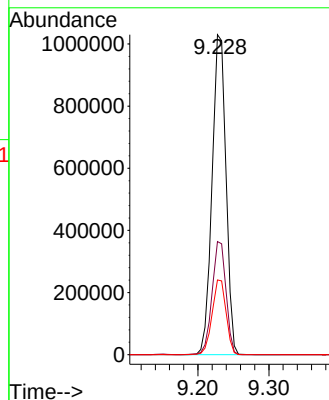
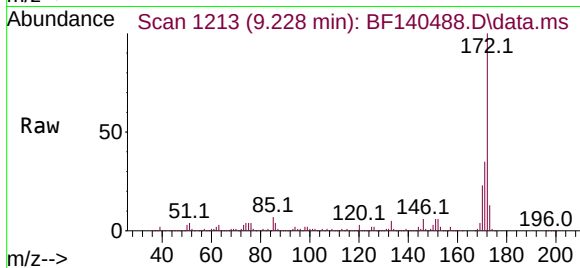
170 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#46

1,1'-Biphenyl

Concen: 41.269 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

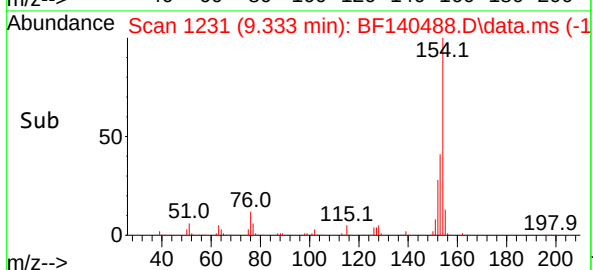
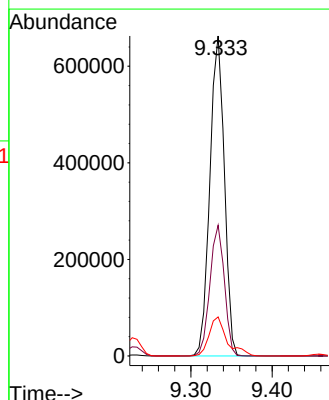
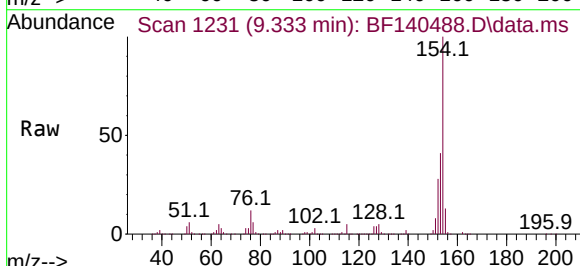
Tgt Ion:154 Resp: 819790

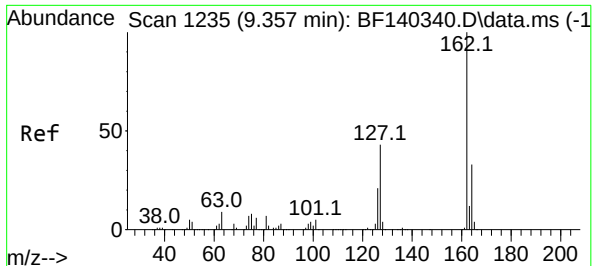
Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

76 12.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.295 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 624878

Ion Ratio Lower Upper

162 100

127 43.6 34.0 51.0

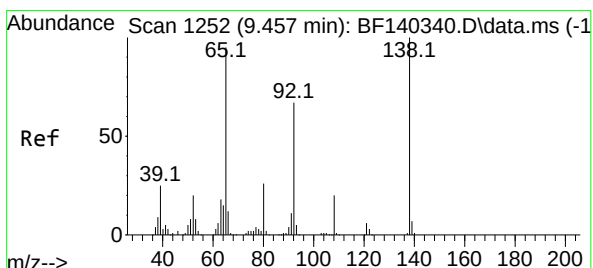
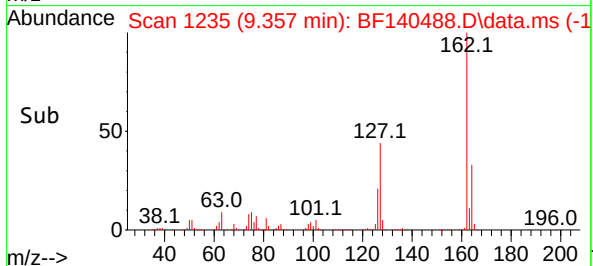
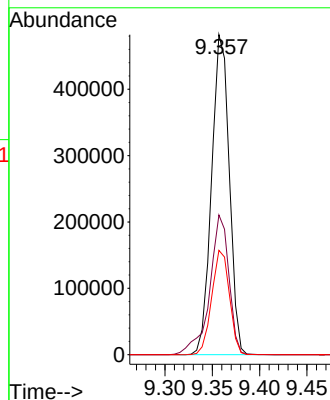
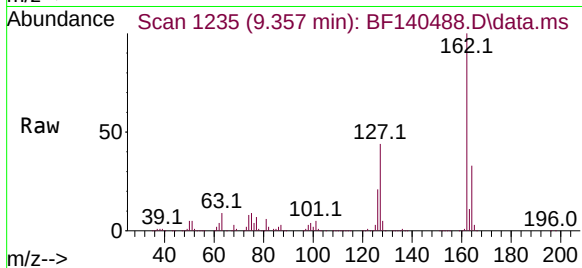
164 32.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#48

2-Nitroaniline

Concen: 40.822 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

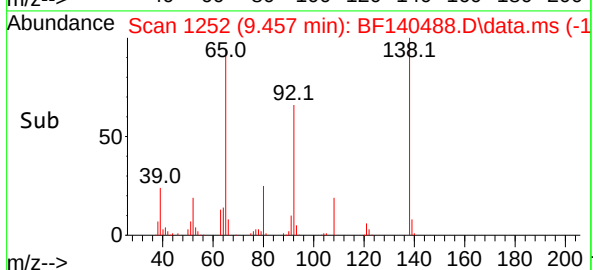
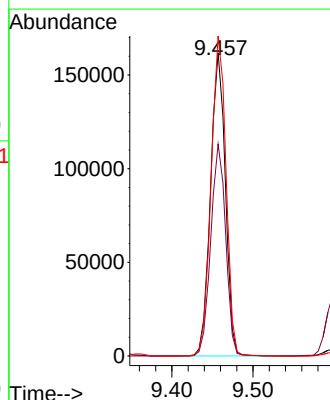
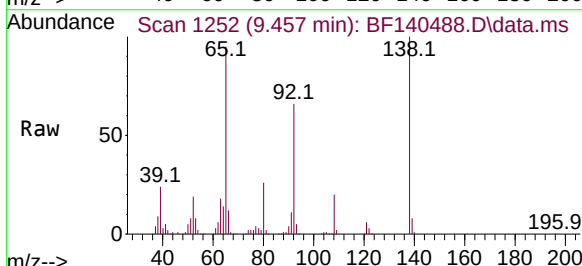
Tgt Ion: 65 Resp: 204862

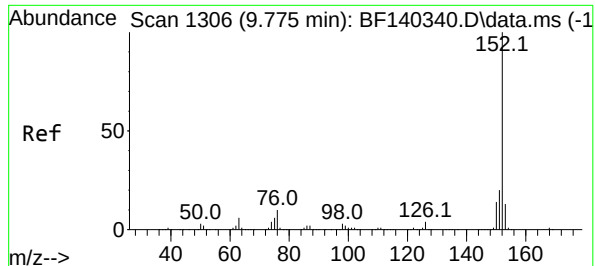
Ion Ratio Lower Upper

65 100

92 69.9 56.4 84.6

138 105.5 84.8 127.2





#49

Acenaphthylene

Concen: 41.051 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 93984

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

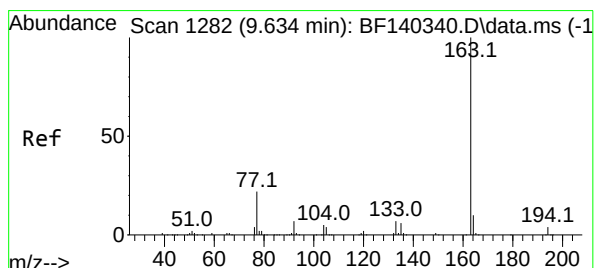
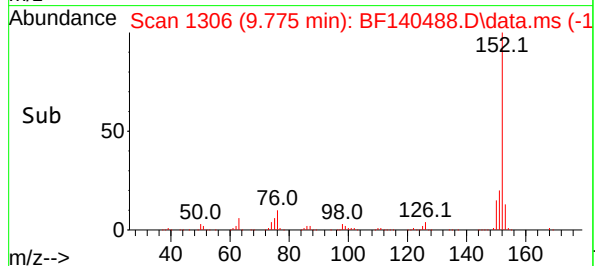
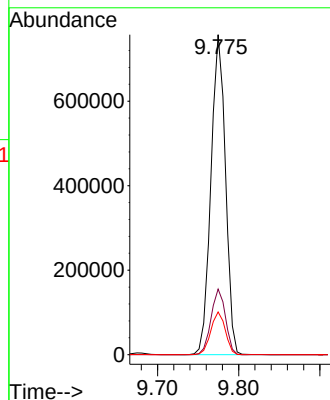
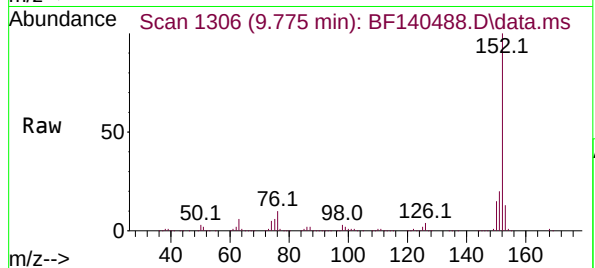
153 13.4 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#50

Dimethylphthalate

Concen: 41.191 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

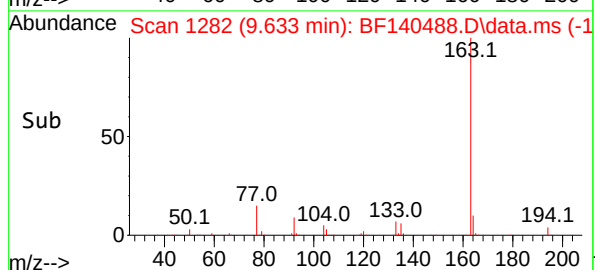
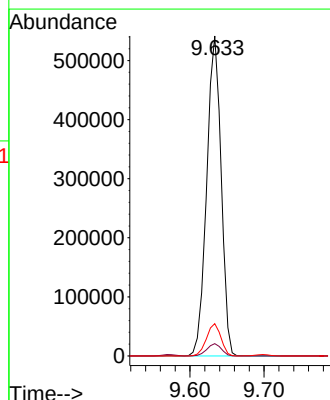
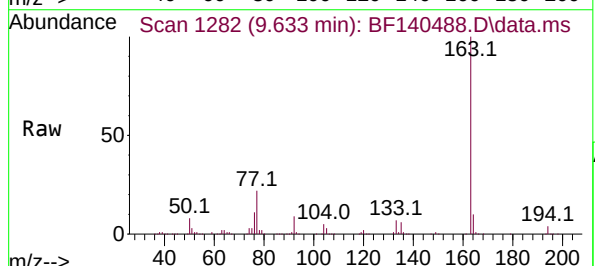
Tgt Ion:163 Resp: 733122

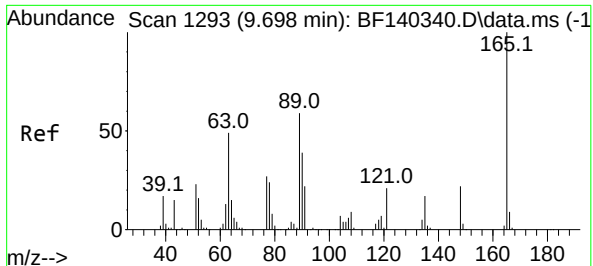
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.2 12.4





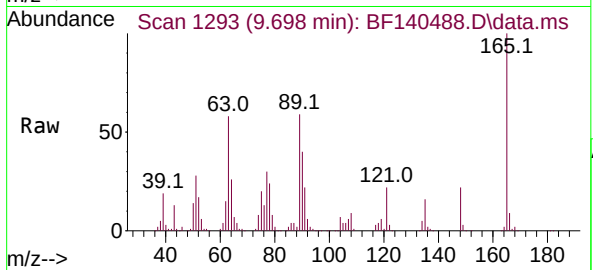
#51
2,6-Dinitrotoluene
Concen: 42.217 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

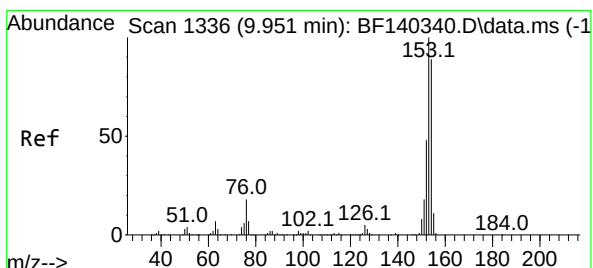
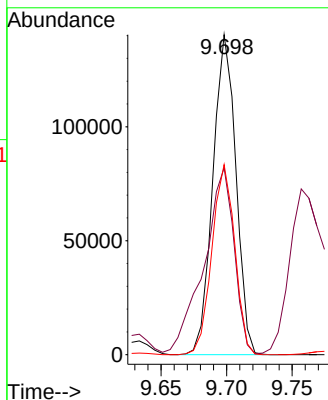
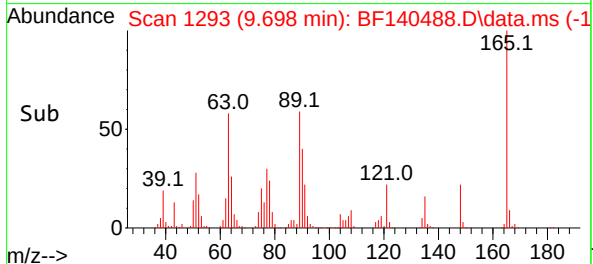
SSTDCCC040



Tgt Ion:165 Resp: 171298
Ion Ratio Lower Upper
165 100
63 58.4 47.6 71.4
89 59.4 48.1 72.1

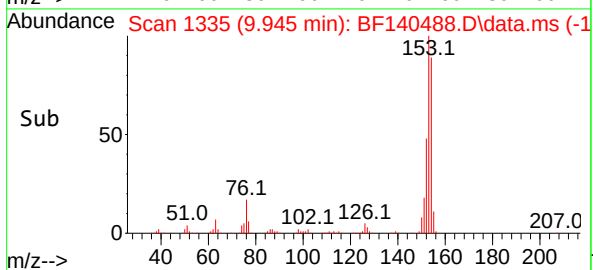
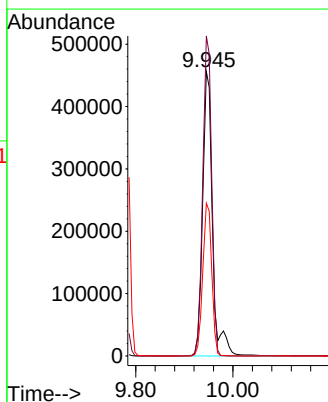
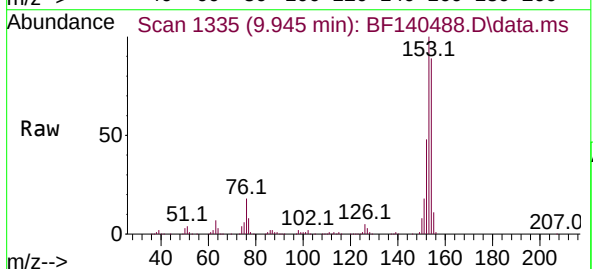
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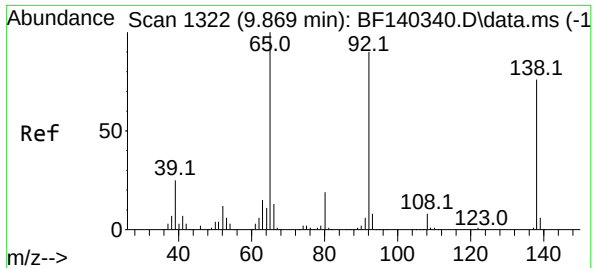
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#52
Acenaphthene
Concen: 41.519 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:154 Resp: 642037
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.8
152 53.7 42.6 64.0





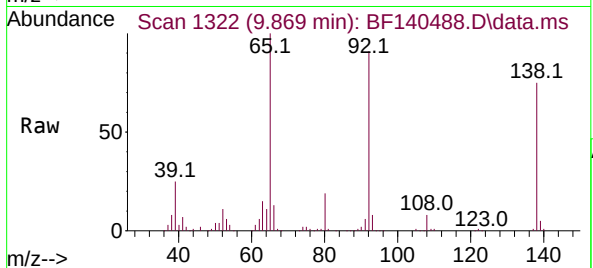
#53
3-Nitroaniline
Concen: 40.783 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

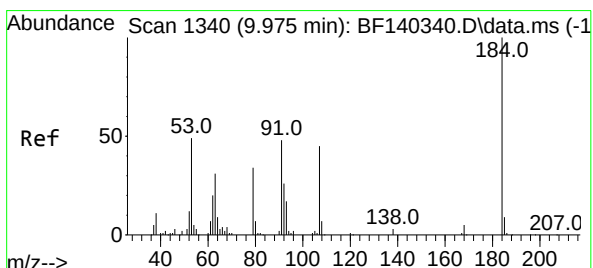
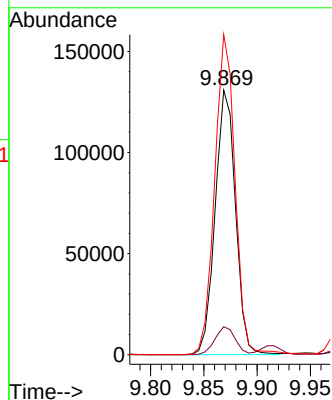
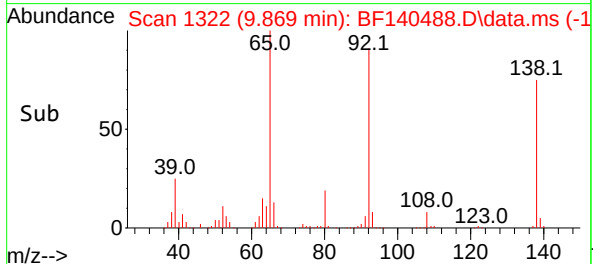
SSTDCCC040



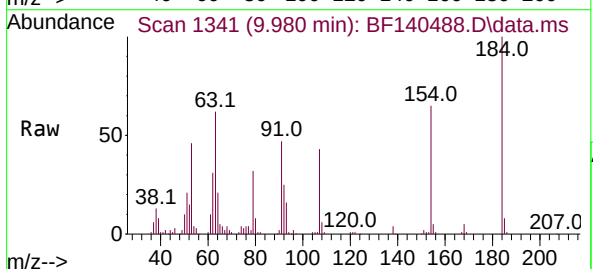
Tgt Ion:138 Resp: 173780
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 121.0 95.5 143.3

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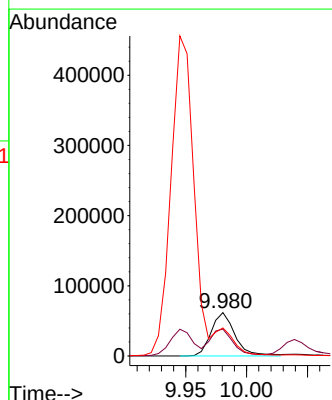
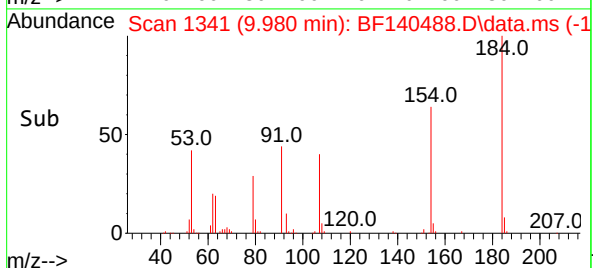
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

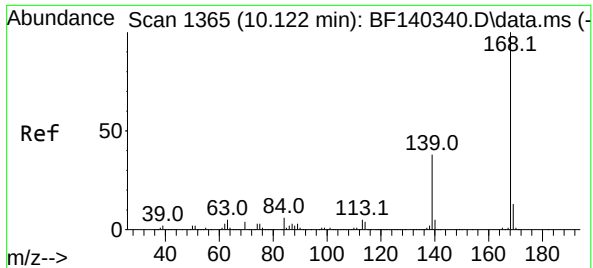


#54
2,4-Dinitrophenol
Concen: 40.309 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



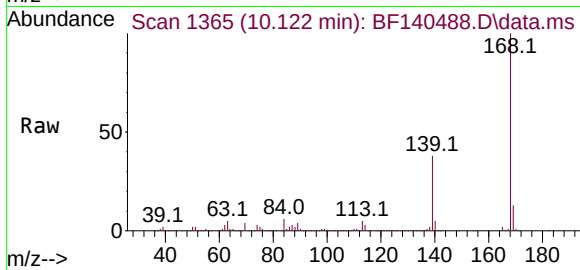
Tgt Ion:184 Resp: 84341
Ion Ratio Lower Upper
184 100
63 62.1 53.5 80.3
154 64.6 51.3 76.9





#55
Dibenzenofuran
Concen: 40.855 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

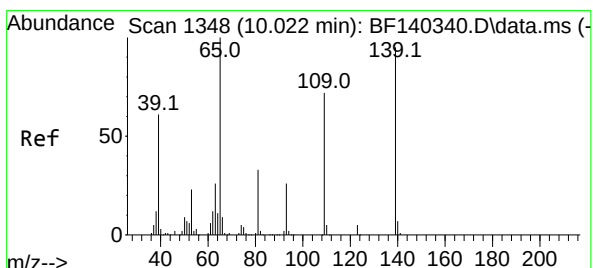
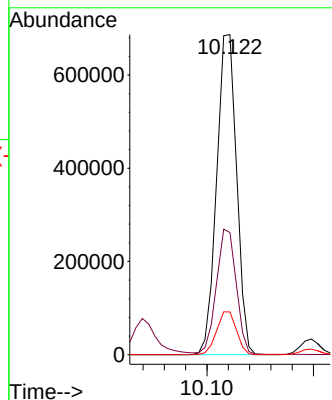
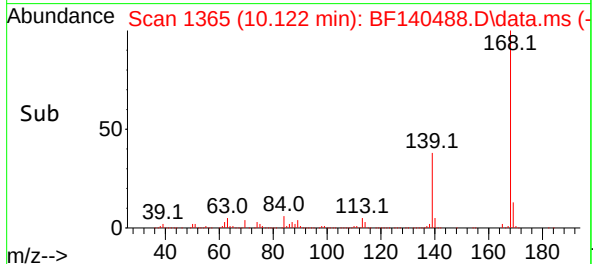
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 89434
Ion Ratio Lower Upper
168 100
139 38.2 30.8 46.2
169 13.3 10.8 16.2

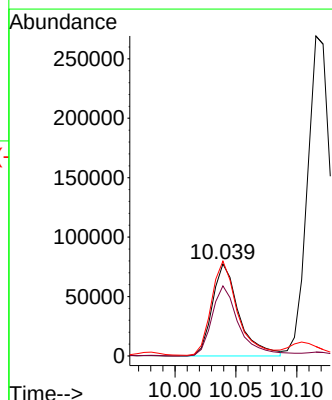
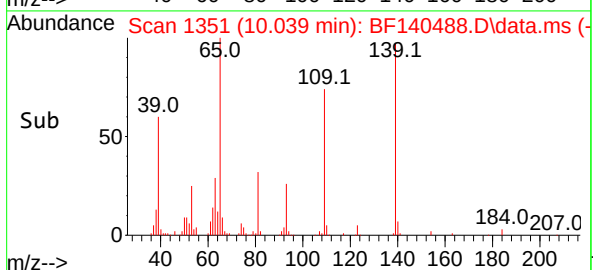
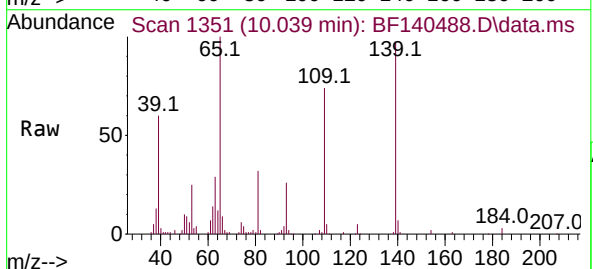
Manual Integrations
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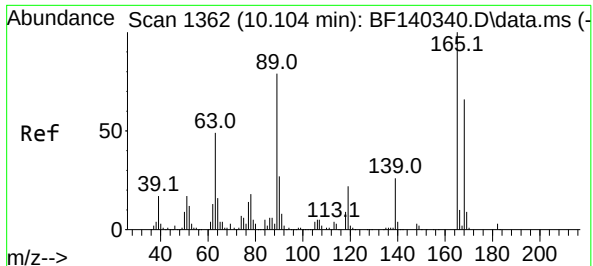
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#56
4-Nitrophenol
Concen: 37.987 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:139 Resp: 118069
Ion Ratio Lower Upper
139 100
109 76.2 54.5 94.5
65 103.1 84.4 124.4





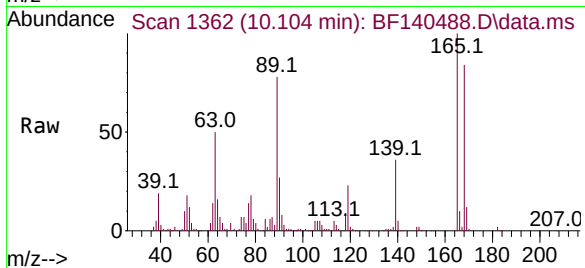
#57
2,4-Dinitrotoluene
Concen: 41.954 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

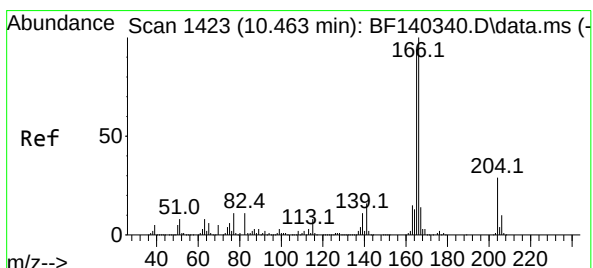
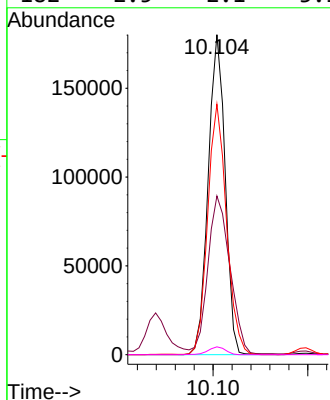
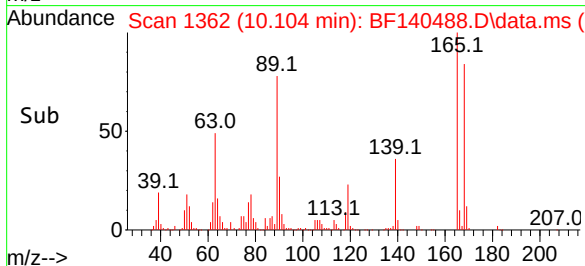
SSTDCCC040



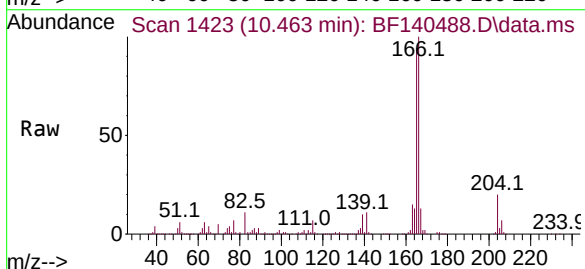
Tgt Ion:165 Resp: 224038
Ion Ratio Lower Upper
165 100
63 49.6 39.4 59.0
89 78.3 62.4 93.6
182 2.5 2.1 3.1

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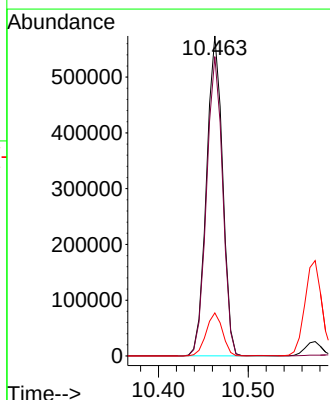
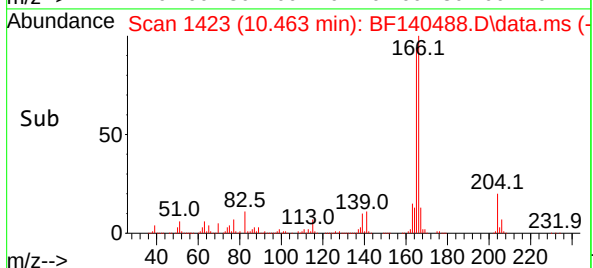
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

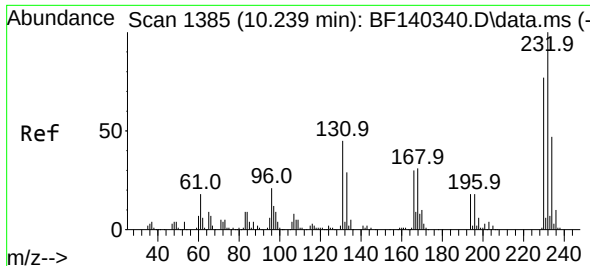


#58
Fluorene
Concen: 41.374 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



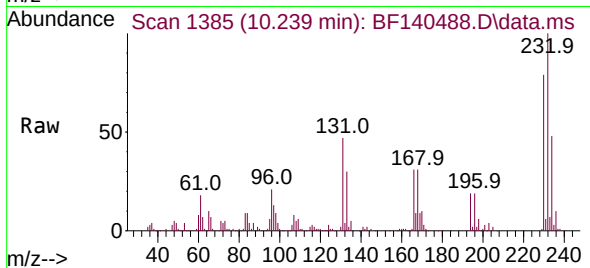
Tgt Ion:166 Resp: 715498
Ion Ratio Lower Upper
166 100
165 93.6 73.9 110.9
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.969 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

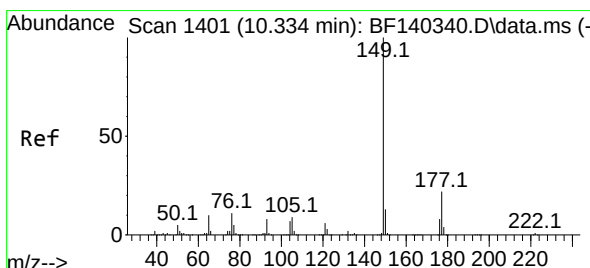
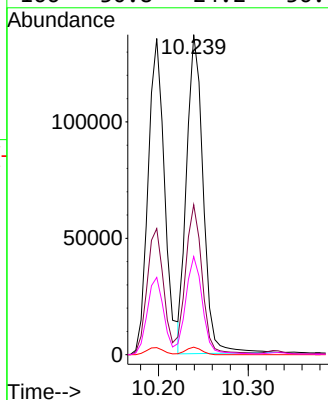
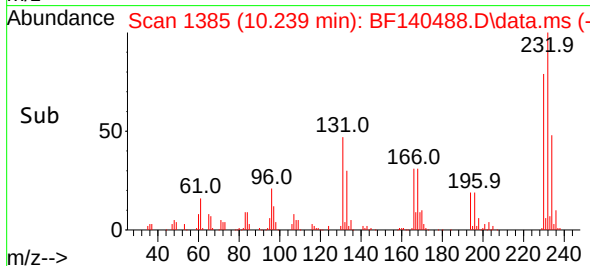
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



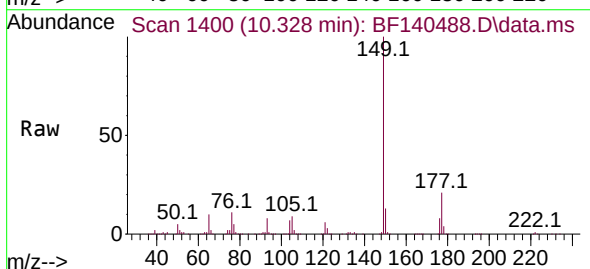
Tgt Ion:232 Resp: 175250
Ion Ratio Lower Upper
232 100
131 47.5 36.8 55.2
130 2.3 1.9 2.9
166 30.8 24.2 36.4

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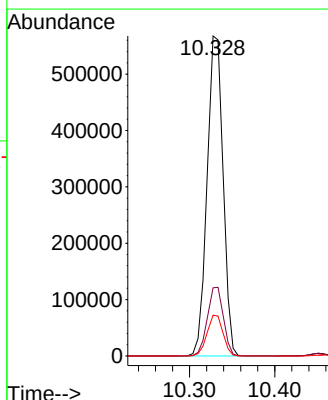
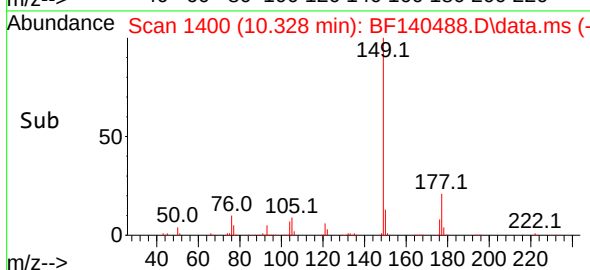
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

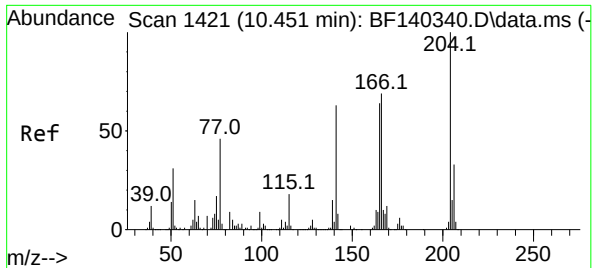


#60
Diethylphthalate
Concen: 40.719 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



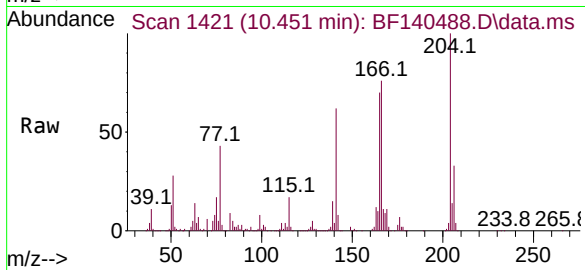
Tgt Ion:149 Resp: 741052
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.564 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

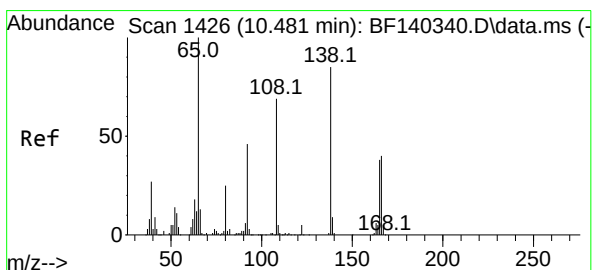
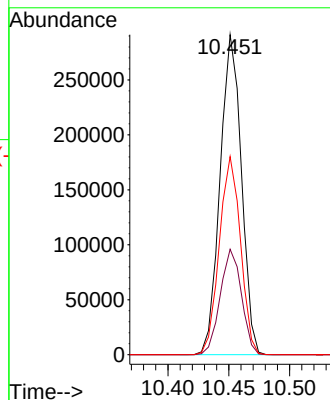
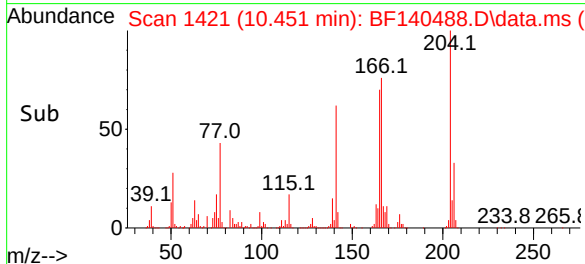
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 35485
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 61.9 49.8 74.8

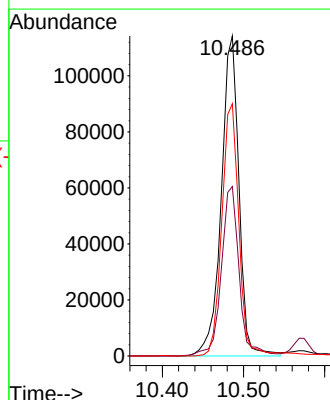
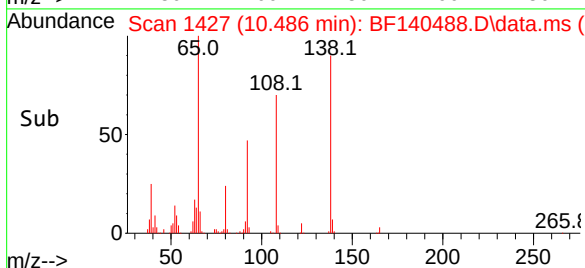
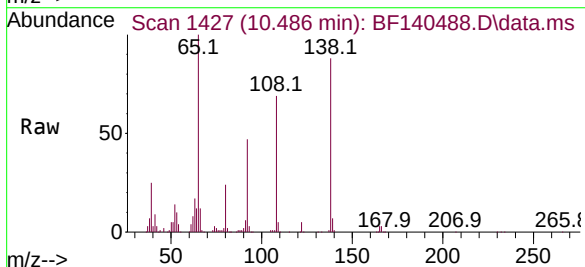
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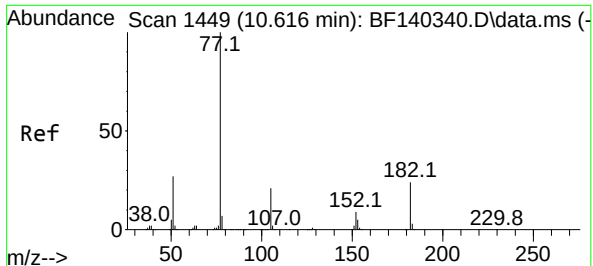
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#62
4-Nitroaniline
Concen: 39.743 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

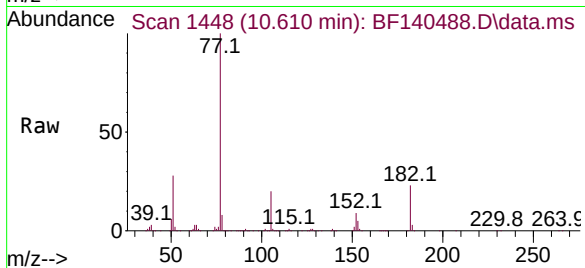
Tgt Ion:138 Resp: 173157
Ion Ratio Lower Upper
138 100
92 53.0 33.8 73.8
108 78.8 59.9 99.9





#63
Azobenzene
Concen: 40.162 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

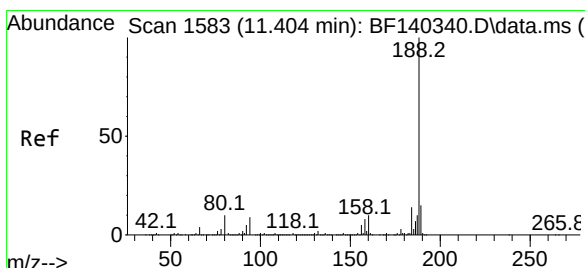
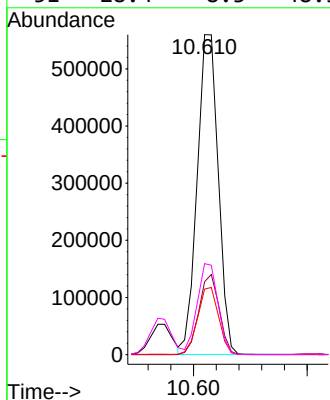
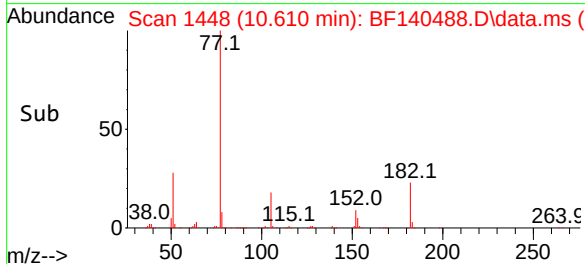
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



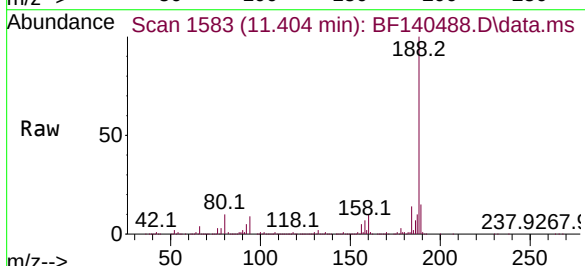
Tgt Ion: 77 Resp: 72219
Ion Ratio Lower Upper
77 100
182 22.8 4.6 44.6
105 20.5 0.9 40.9
51 28.4 8.3 48.3

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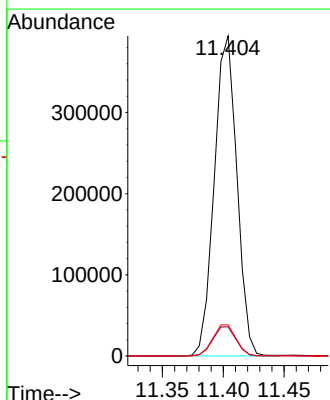
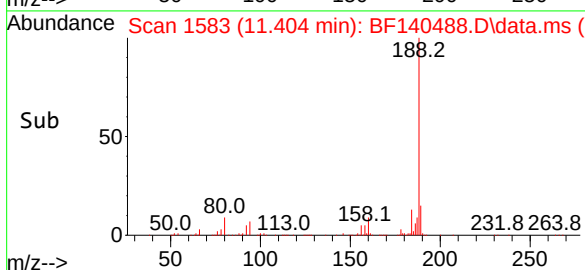
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

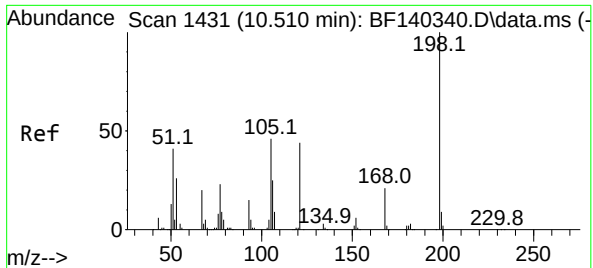


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:188 Resp: 510213
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.7 8.0 12.0





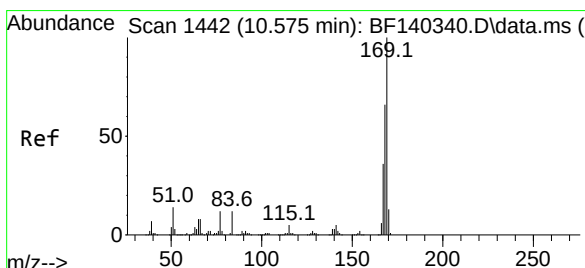
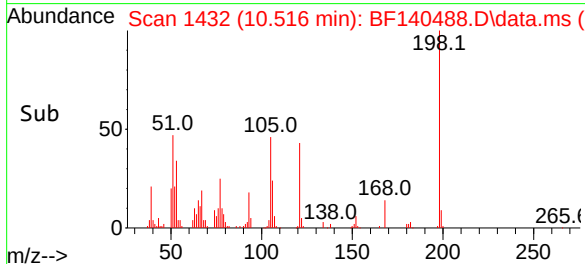
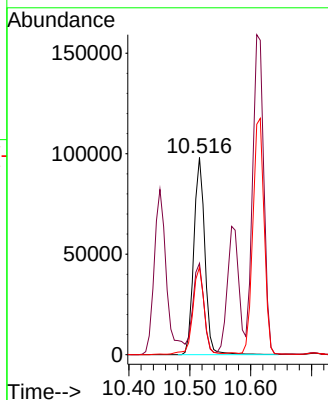
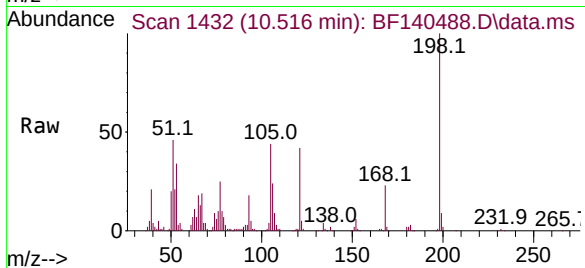
#65
4,6-Dinitro-2-methylphenol
Concen: 45.111 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 12383
Ion Ratio Lower Upper
198 100
51 46.3 29.7 69.7
105 44.3 26.3 66.3

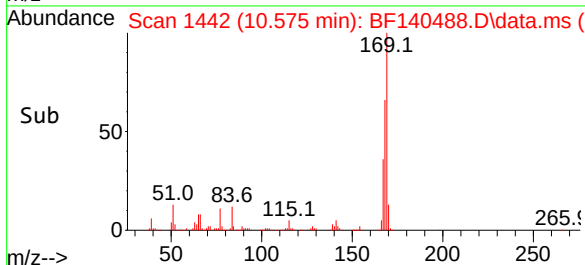
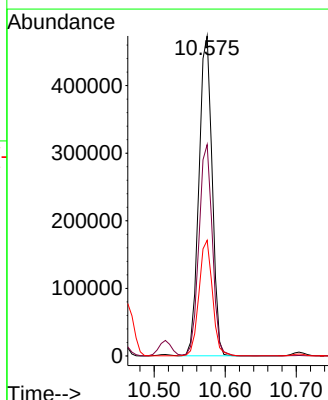
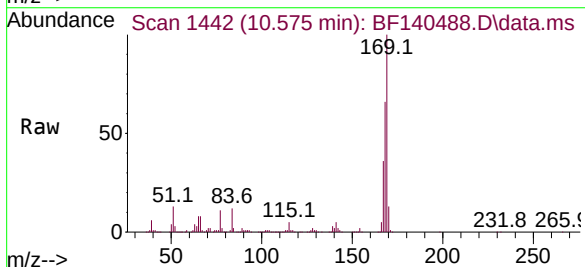
Manual Integrations
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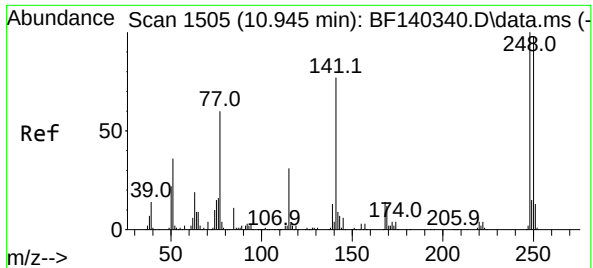
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#66
n-Nitrosodiphenylamine
Concen: 41.500 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

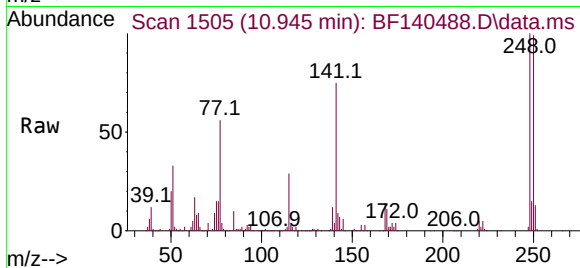
Tgt Ion:169 Resp: 611778
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 36.1 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 41.452 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

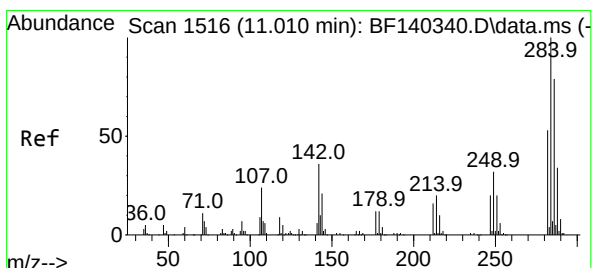
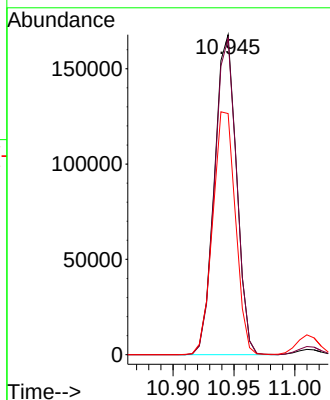
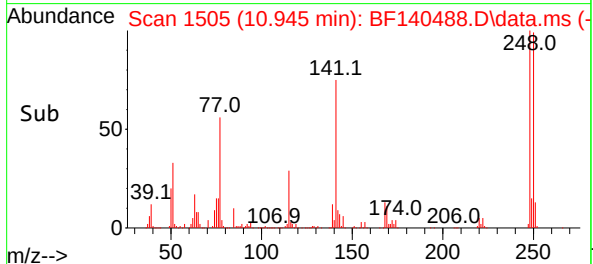
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 211410
Ion Ratio Lower Upper
248 100
250 98.9 77.9 116.9
141 75.3 61.8 92.6

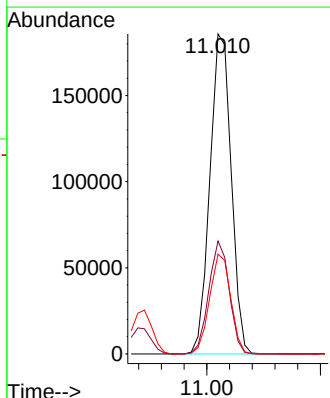
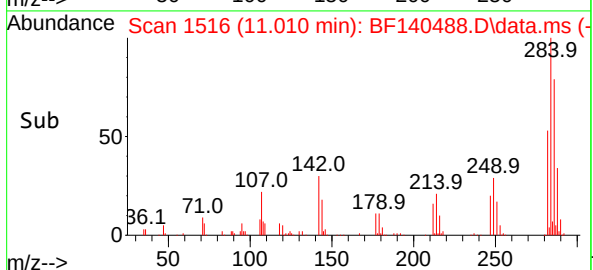
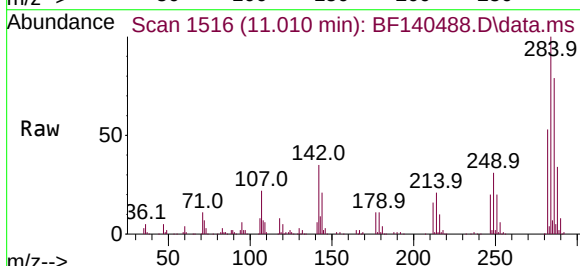
Manual Integrations
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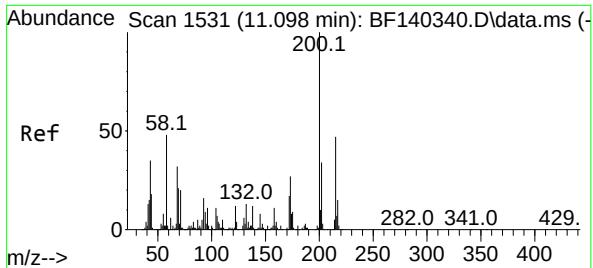
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#68
Hexachlorobenzene
Concen: 42.150 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:284 Resp: 241874
Ion Ratio Lower Upper
284 100
142 35.3 28.1 42.1
249 31.2 24.9 37.3





#69

Atrazine

Concen: 36.762 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 16396

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

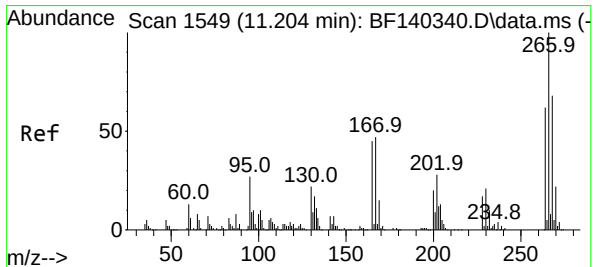
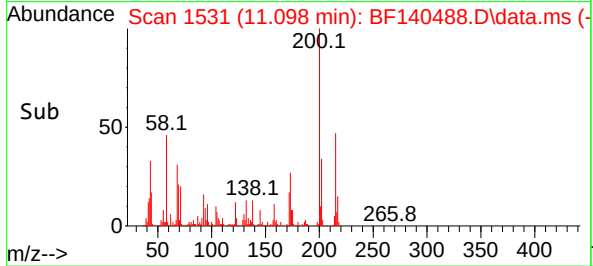
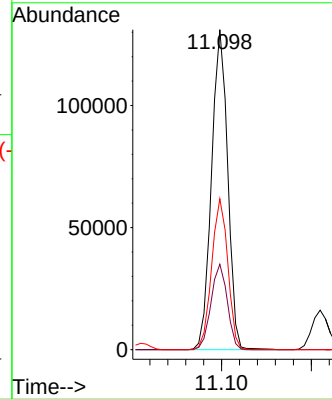
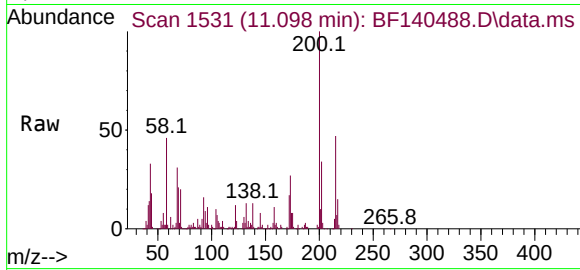
215 47.2 27.2 67.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#70

Pentachlorophenol

Concen: 40.153 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

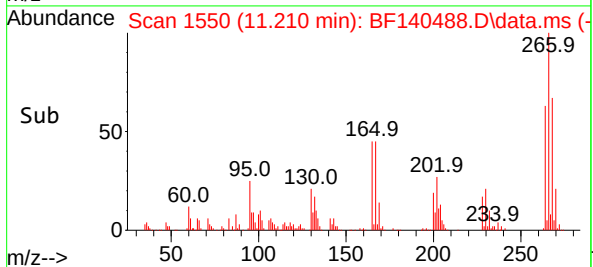
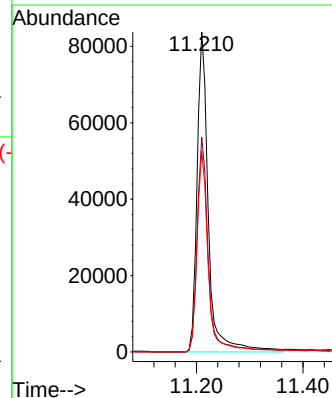
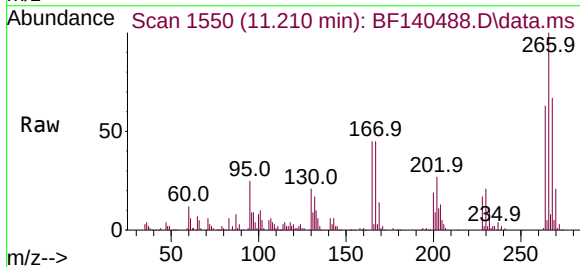
Tgt Ion:266 Resp: 124117

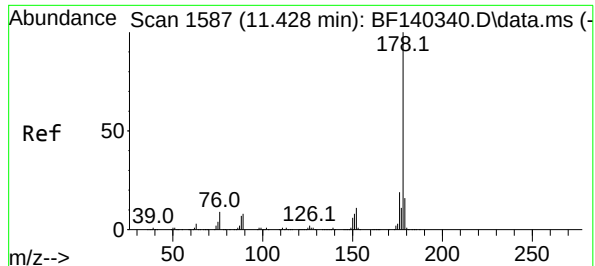
Ion Ratio Lower Upper

266 100

268 67.1 52.9 79.3

264 62.7 50.3 75.5





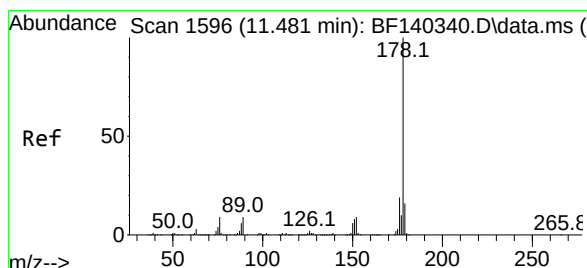
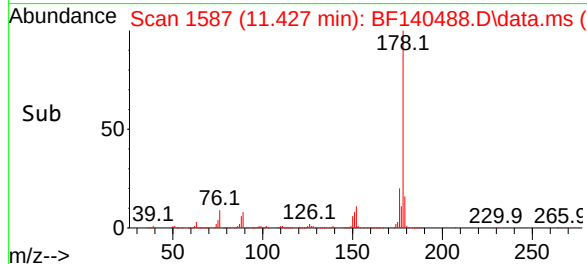
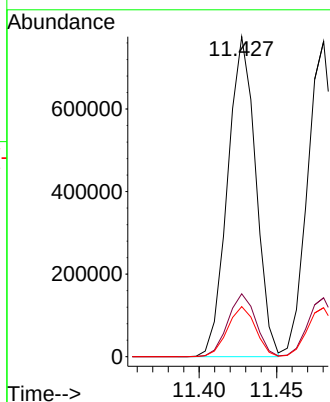
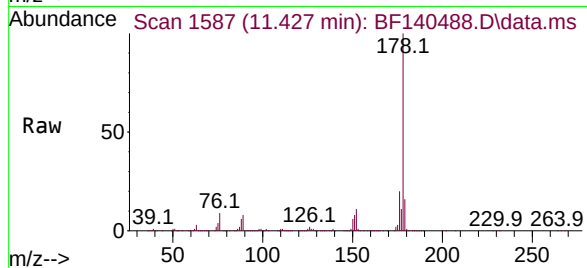
#71
Phenanthrene
Concen: 40.766 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 977064
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.4 18.6

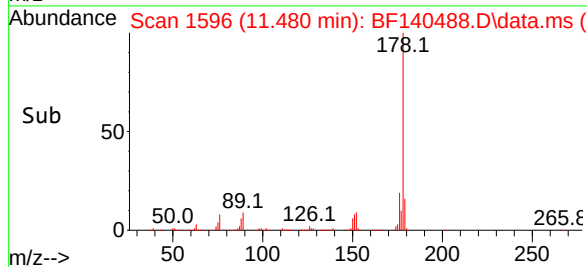
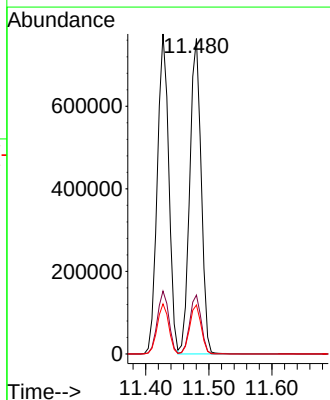
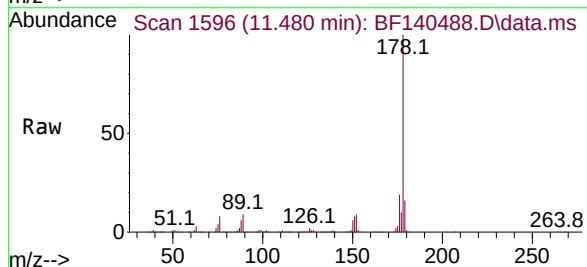
Manual Integrations
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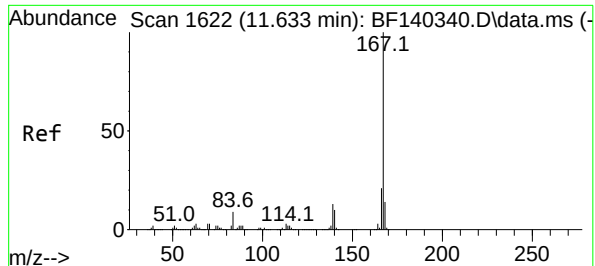
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#72
Anthracene
Concen: 40.843 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

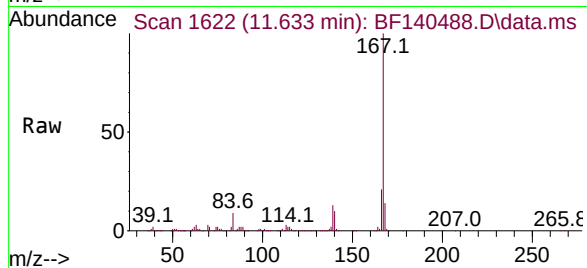
Tgt Ion:178 Resp: 959400
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.5 12.6 18.8





#73
Carbazole
Concen: 40.444 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

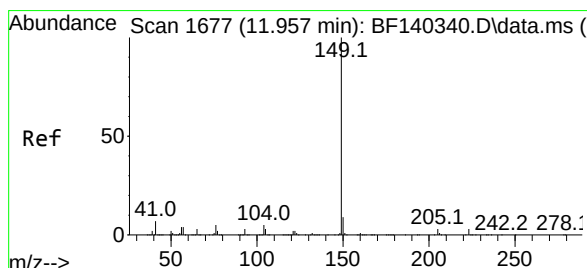
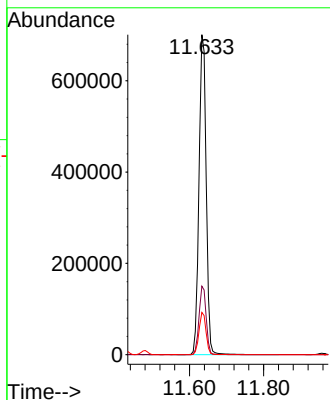
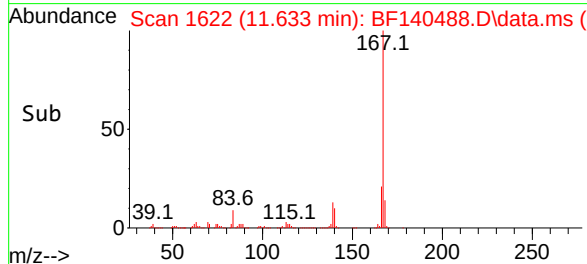
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:167 Resp: 938052
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 13.2 10.4 15.6

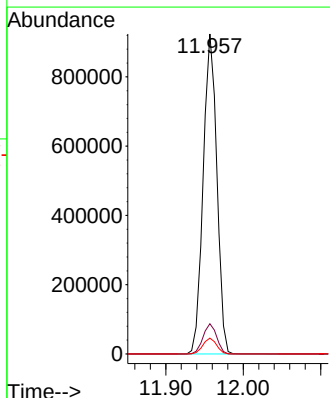
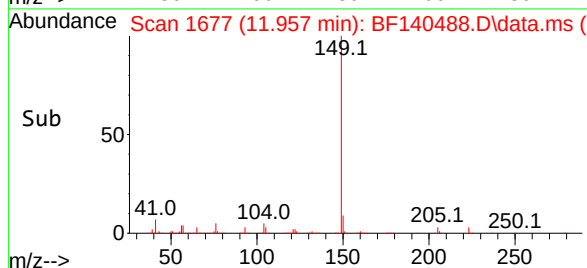
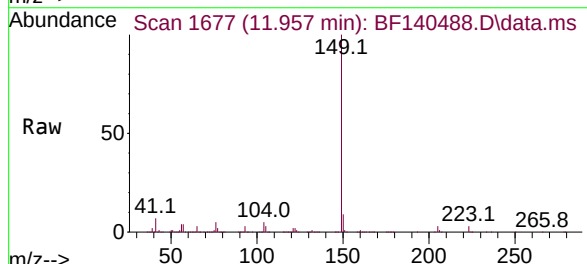
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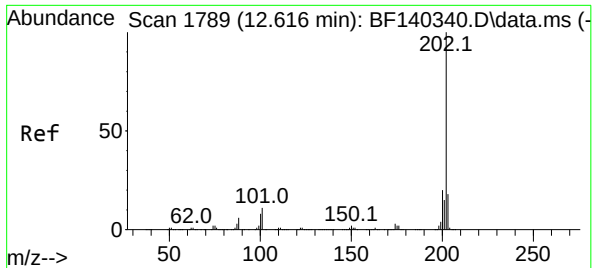
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#74
Di-n-butylphthalate
Concen: 40.603 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

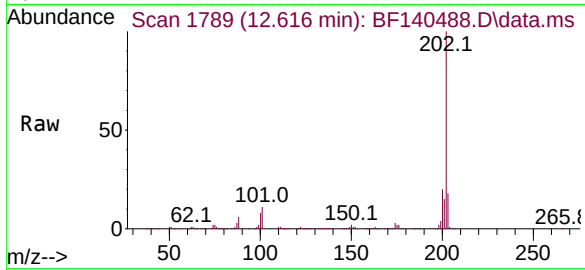
Tgt Ion:149 Resp: 1130305
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 39.468 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

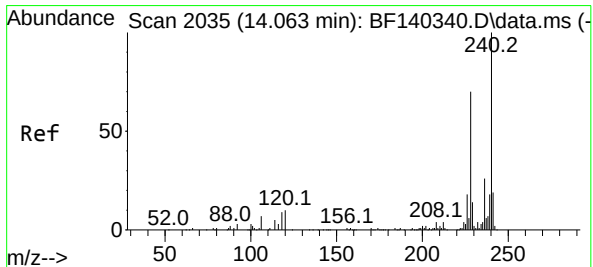
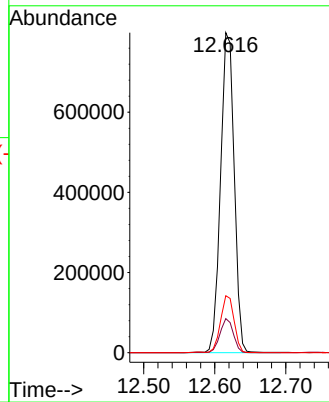
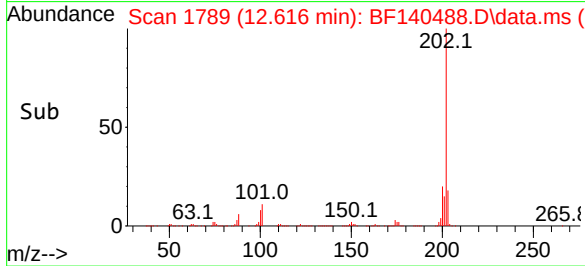
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



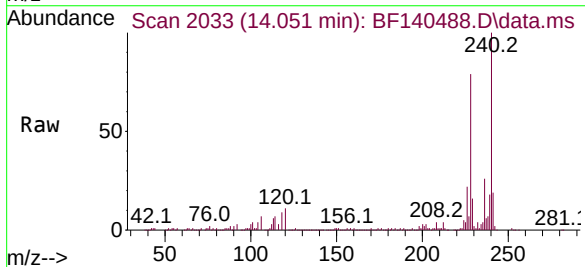
Tgt Ion:202 Resp: 106127
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.8 0.0 37.7

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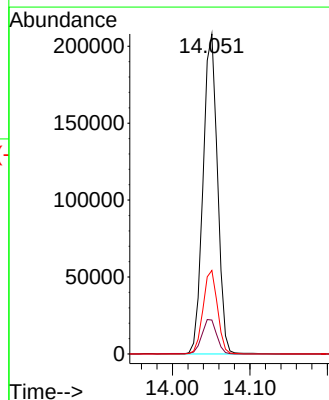
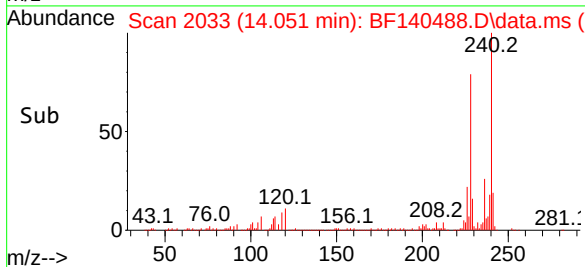
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

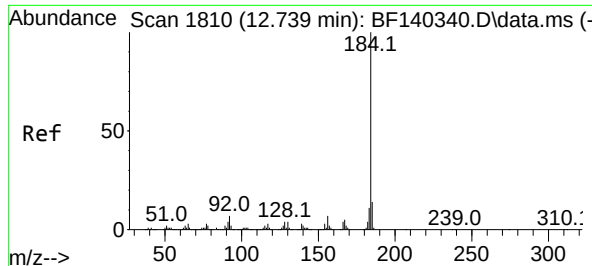


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



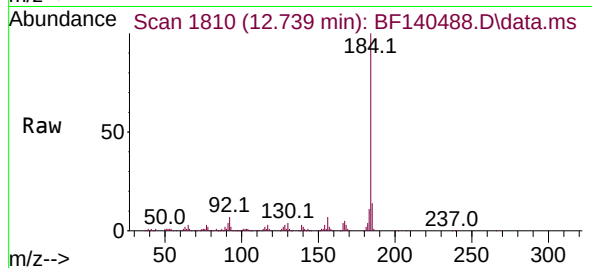
Tgt Ion:240 Resp: 268548
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 30.014 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

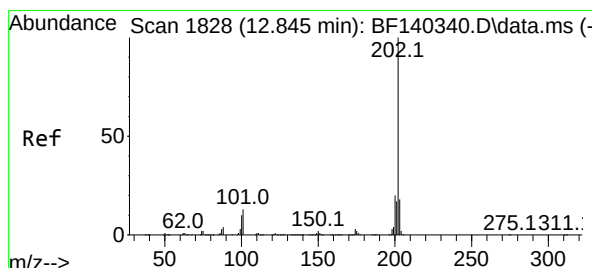
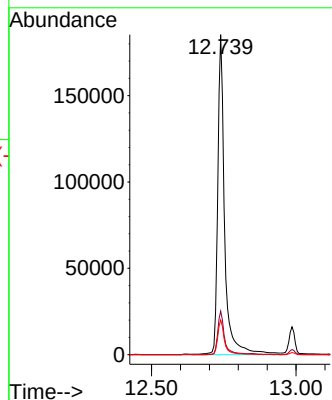
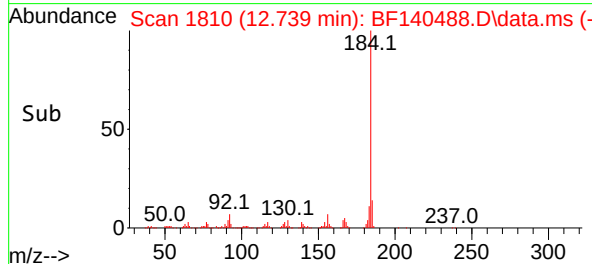
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



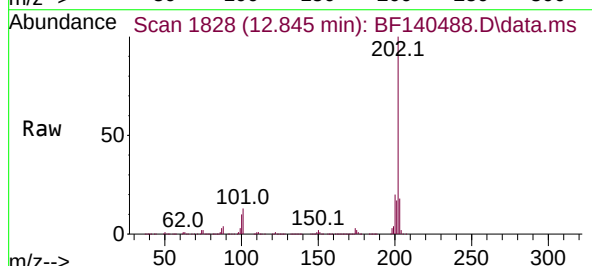
Tgt Ion:184 Resp: 309358
Ion Ratio Lower Upper
184 100
185 13.6 11.9 17.9
183 10.9 8.6 13.0

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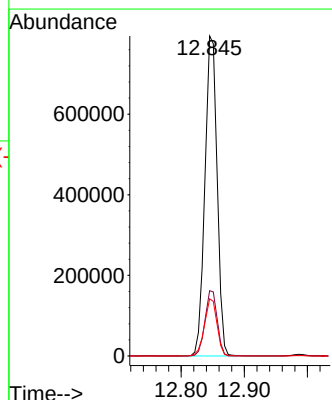
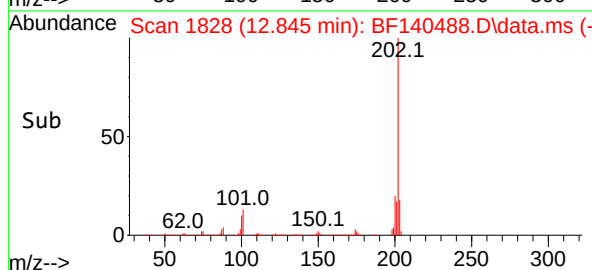
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

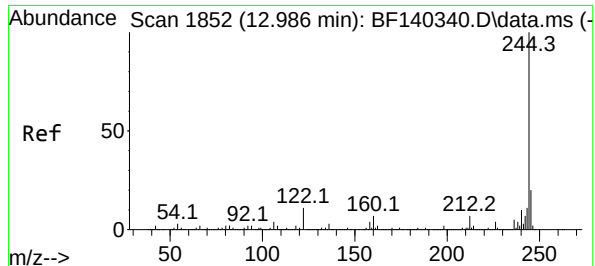


#78
Pyrene
Concen: 46.608 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:202 Resp: 1070626
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 91.863 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140488.D

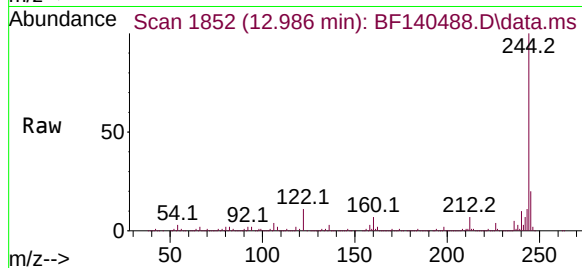
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 1421238

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

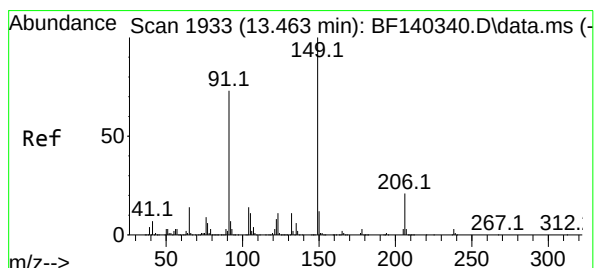
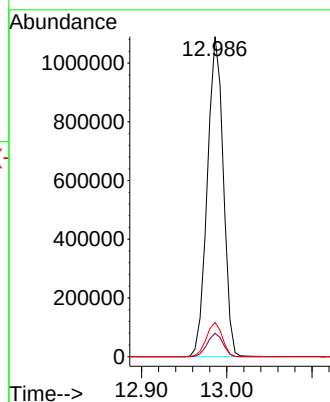
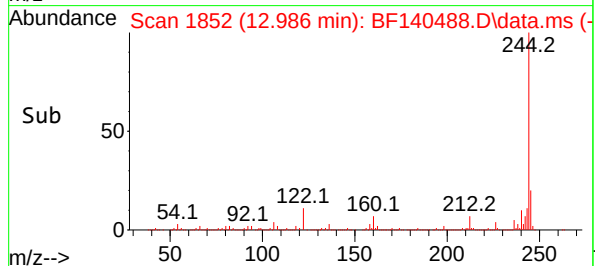
122 10.7 8.8 13.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#80

Butylbenzylphthalate

Concen: 44.621 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

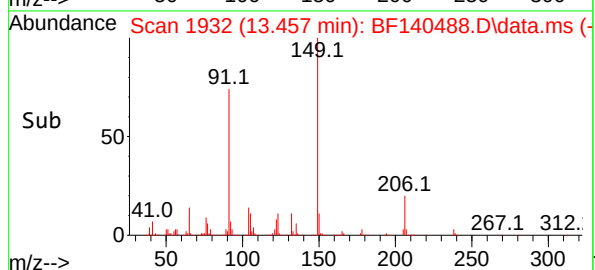
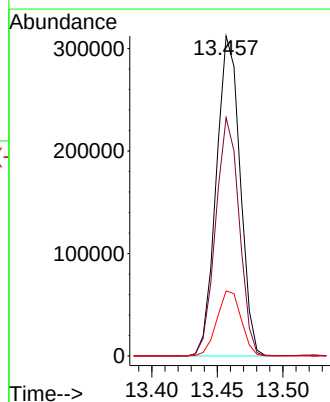
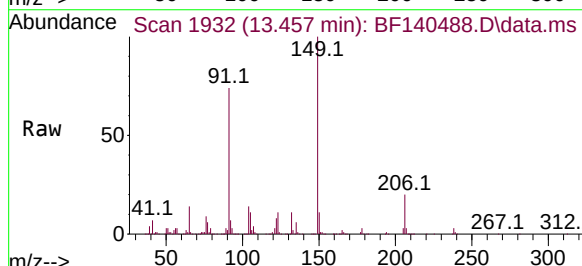
Tgt Ion:149 Resp: 393746

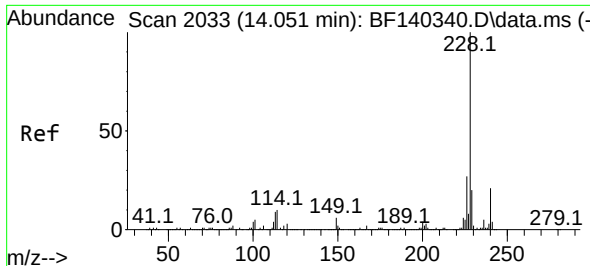
Ion Ratio Lower Upper

149 100

91 74.5 61.0 91.4

206 20.4 16.1 24.1





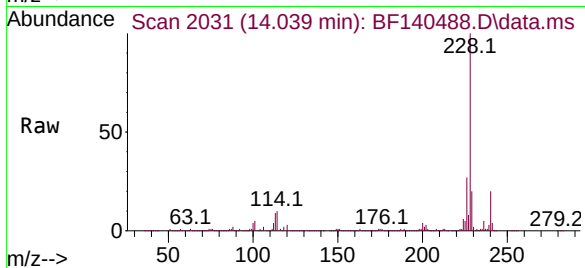
#81
Benzo(a)anthracene
Concen: 41.593 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

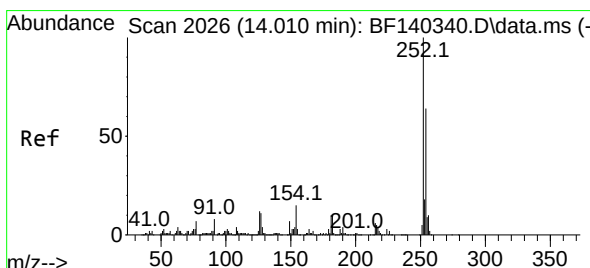
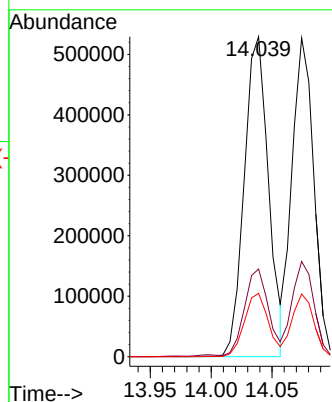
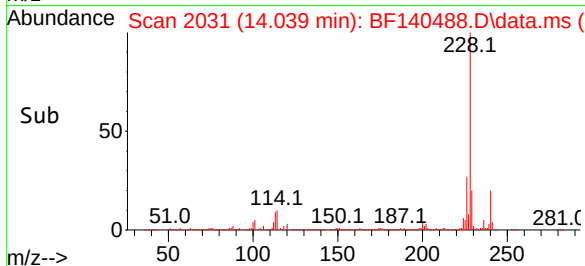


Tgt Ion:228 Resp: 734108
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.8 15.8 23.6

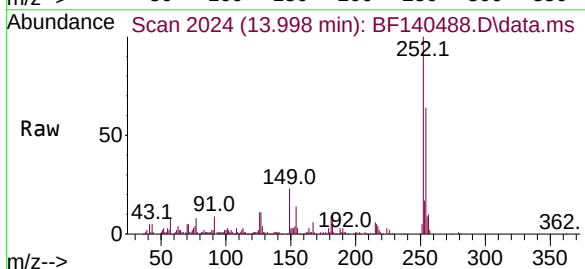
Manual Integrations

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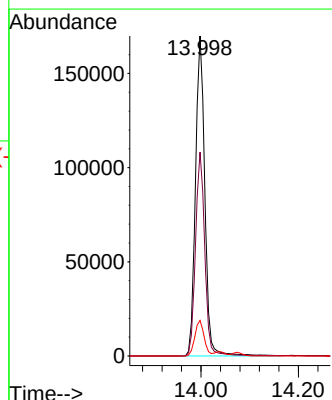
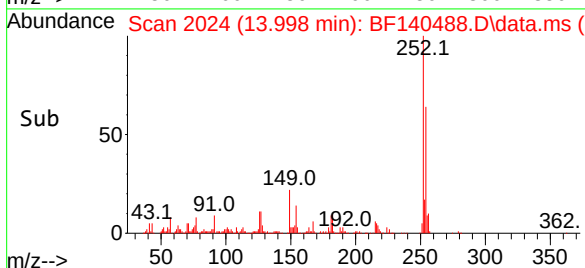
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

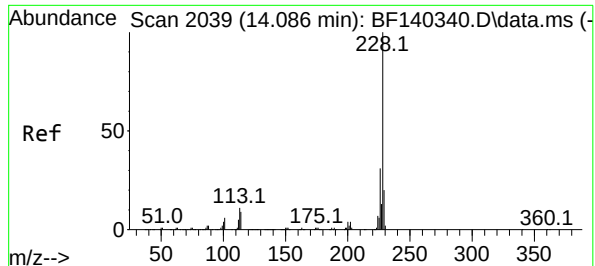


#82
3,3'-Dichlorobenzidine
Concen: 40.709 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:252 Resp: 228373
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.2
126 11.1 9.4 14.0





#83

Chrysene

Concen: 40.986 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 66003

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

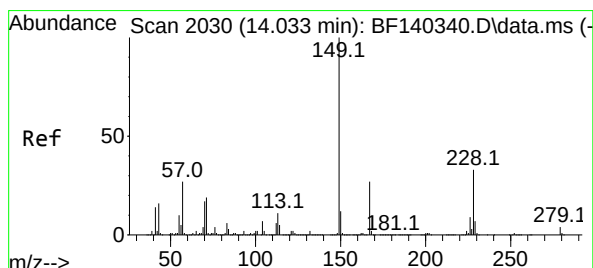
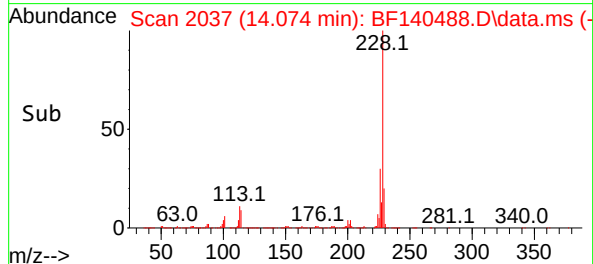
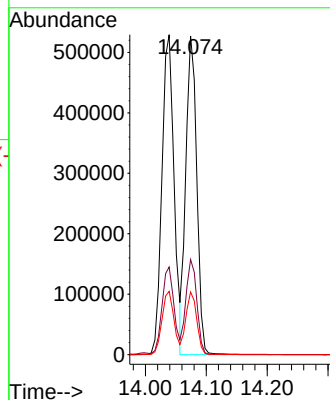
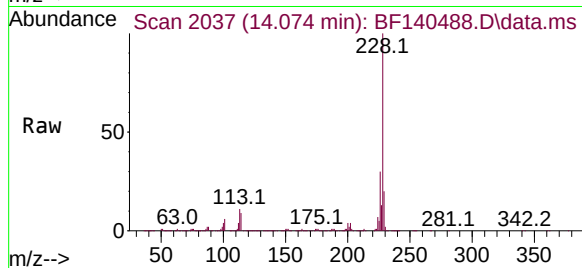
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.823 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

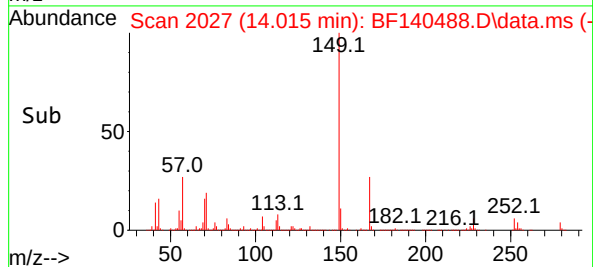
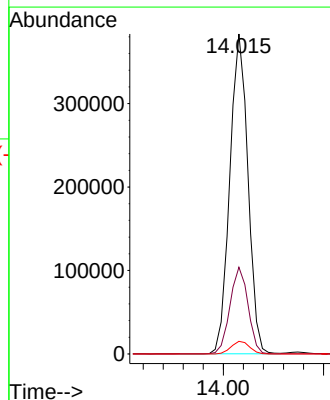
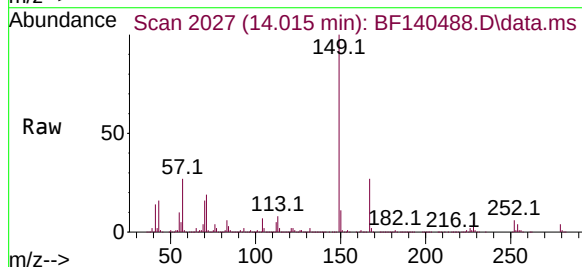
Tgt Ion:149 Resp: 480832

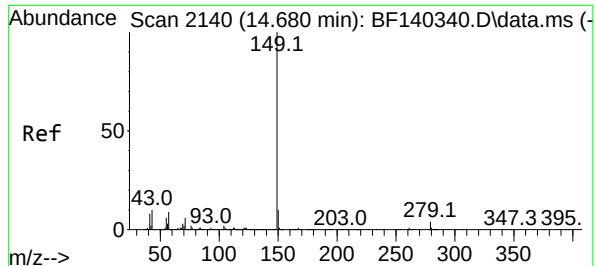
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

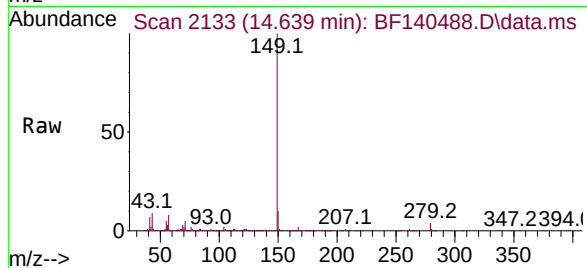
279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 38.622 ng
RT: 14.639 min Scan# 2140
Delta R.T. -0.024 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

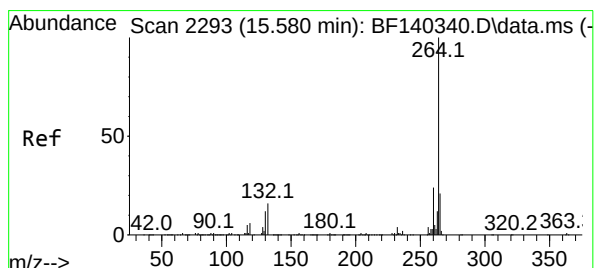
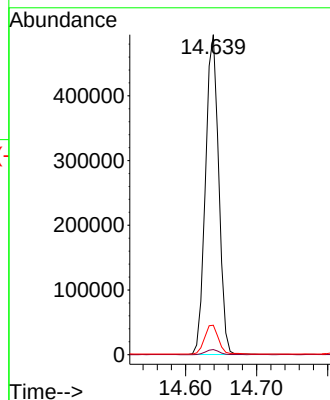
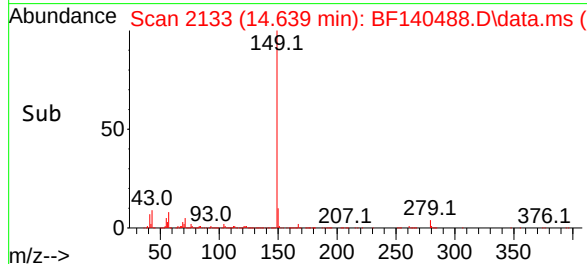
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



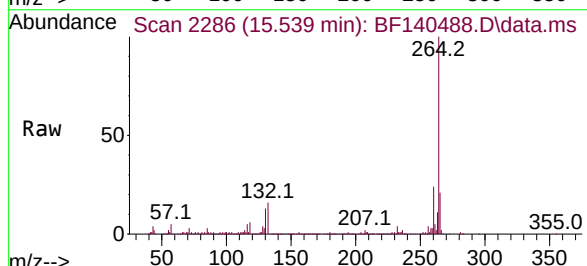
Tgt Ion:149 Resp: 640680
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.6 8.0 12.0

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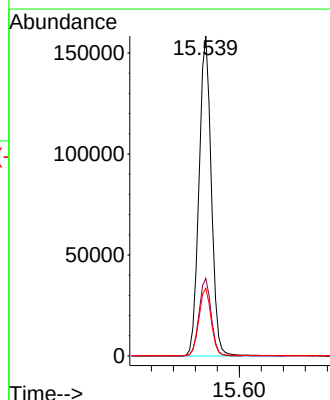
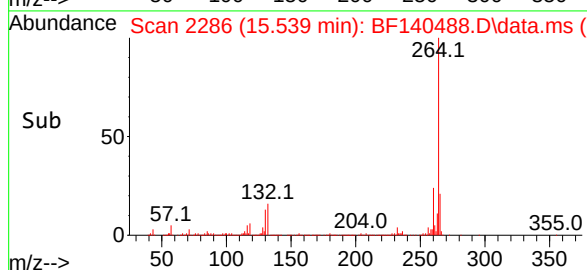
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

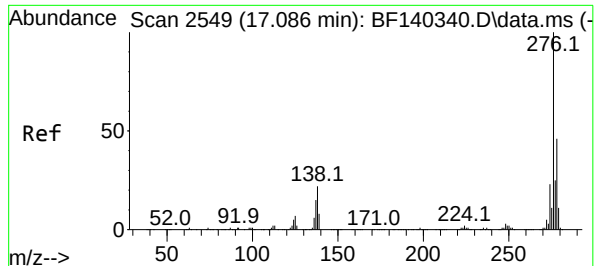


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:264 Resp: 246006
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.248 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140488.D

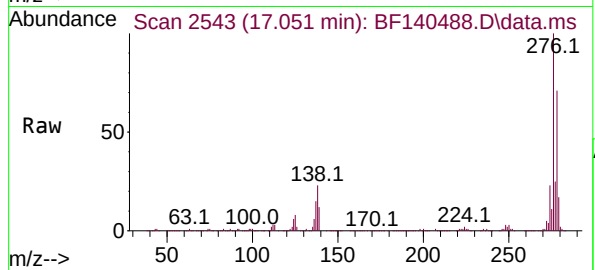
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 70280

Ion Ratio Lower Upper

276 100

138 23.0 18.8 28.2

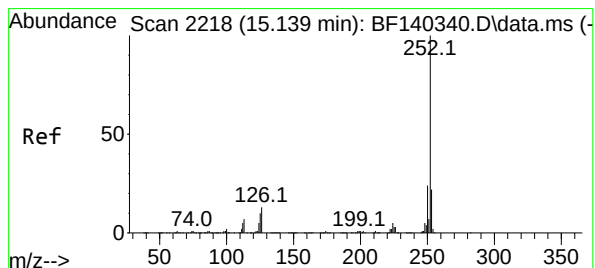
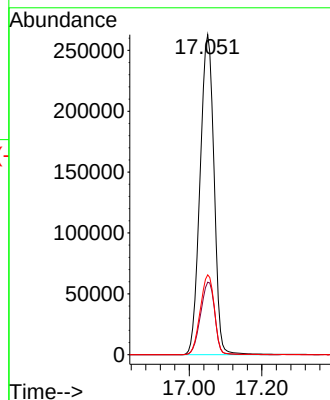
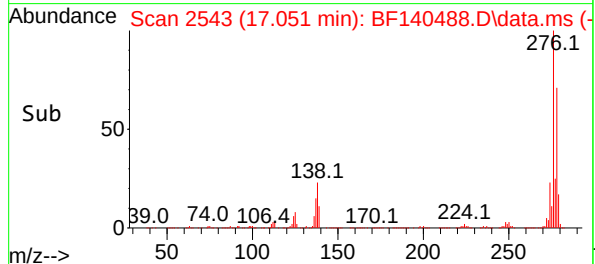
277 25.2 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#88

Benzo(b)fluoranthene

Concen: 36.276 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

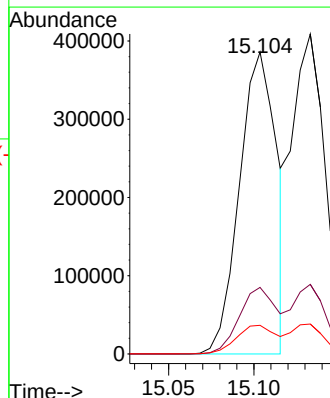
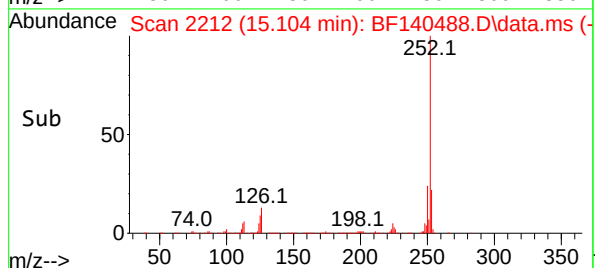
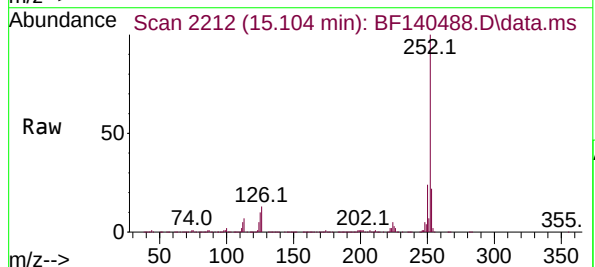
Tgt Ion:252 Resp: 583767

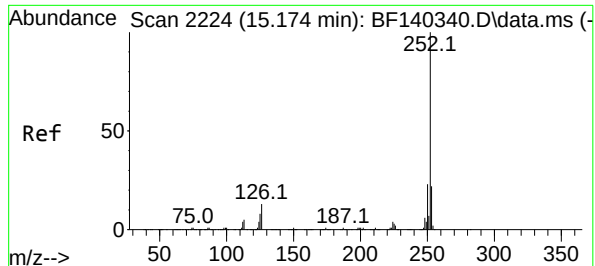
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.441 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 55794

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

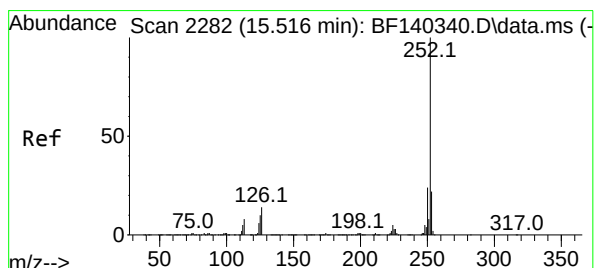
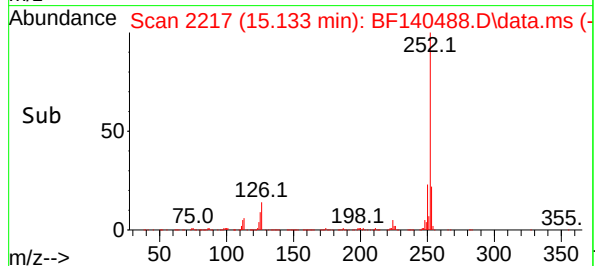
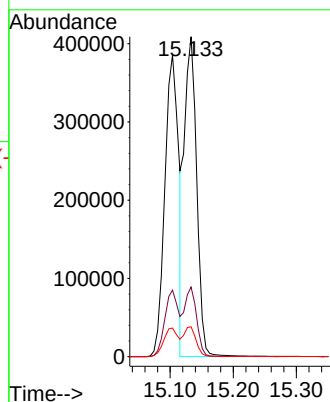
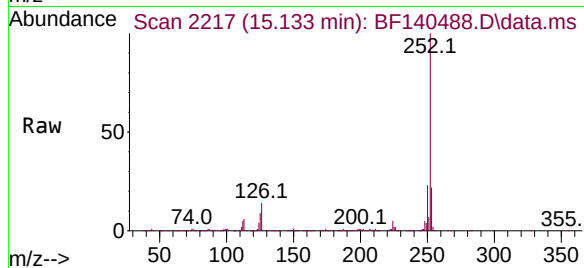
125 9.3 7.4 11.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#90

Benzo(a)pyrene

Concen: 41.217 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.018 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

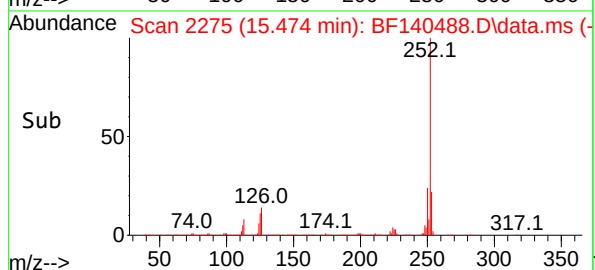
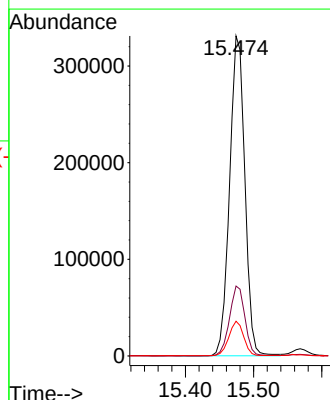
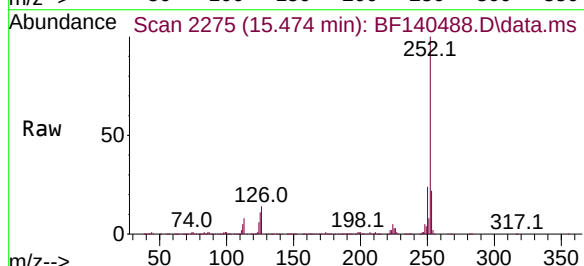
Tgt Ion:252 Resp: 515079

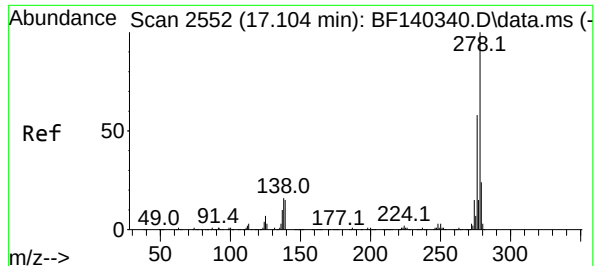
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.9 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 45.817 ng
RT: 17.062 min Scan# 2545
Delta R.T. -0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

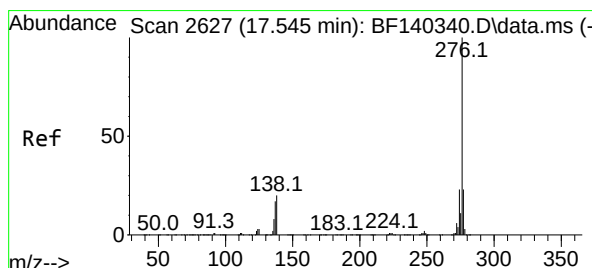
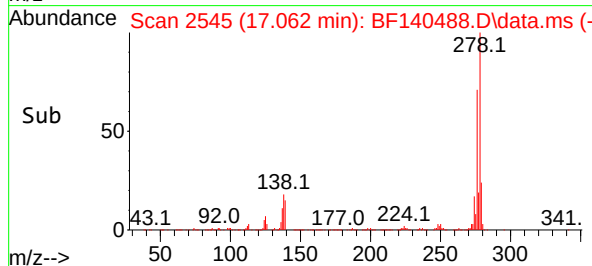
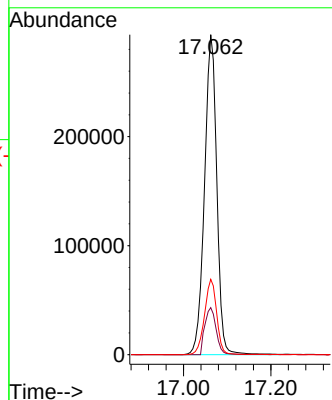
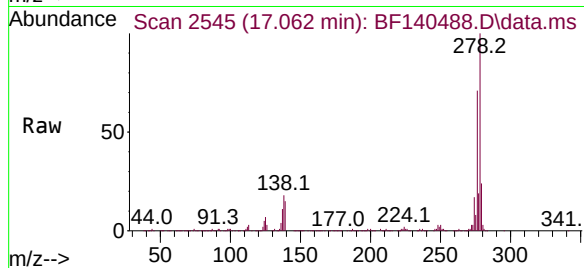
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 57552
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.6 18.9 28.3

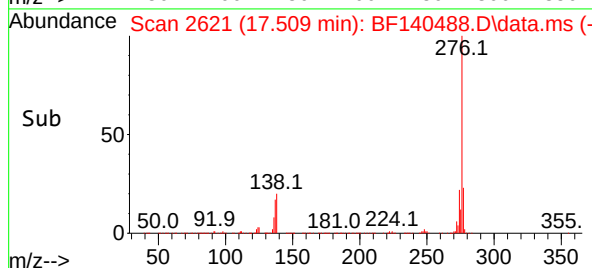
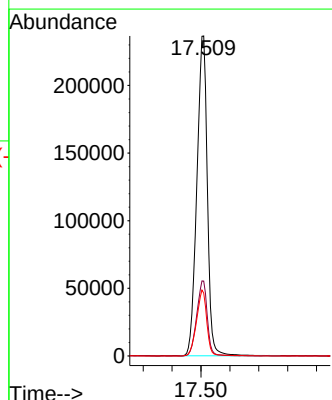
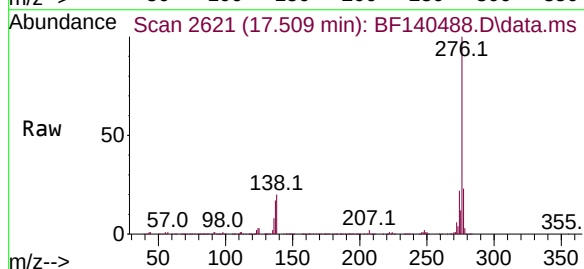
Manual Integrations
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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#92
Benzo(g,h,i)perylene
Concen: 46.275 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:276 Resp: 594253
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 19.6 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140488.D
Acq On : 20 Nov 2024 09:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 10:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	90	0.00
2	1,4-Dioxane	0.522	0.523	-0.2	91	0.00
3	Pyridine	1.283	1.267	1.2	87	0.00
4	n-Nitrosodimethylamine	0.649	0.626	3.5	85	0.00
5 S	2-Fluorophenol	1.171	1.183	-1.0	93	0.01
6	Aniline	1.381	1.294	6.3	80	0.00
7 S	Phenol-d6	1.587	1.579	0.5	88	0.01
8	2-Chlorophenol	1.258	1.268	-0.8	90	0.00
9	Benzaldehyde	0.951	1.434	-50.8#	145	0.00
10 C	Phenol	1.674	1.657	1.0	86	0.00
11	bis(2-Chloroethyl)ether	1.268	1.277	-0.7	91	0.00
12	1,3-Dichlorobenzene	1.388	1.411	-1.7	92	0.00
13 C	1,4-Dichlorobenzene	1.408	1.432	-1.7	93	0.00
14	1,2-Dichlorobenzene	1.307	1.326	-1.5	92	0.00
15	Benzyl Alcohol	1.143	1.144	-0.1	85	0.00
16	2,2'-oxybis(1-Chloropropane	1.752	1.634	6.7	81	0.00
17	2-Methylphenol	1.035	1.032	0.3	87	0.00
18	Hexachloroethane	0.520	0.535	-2.9	94	0.00
19 P	n-Nitroso-di-n-propylamine	0.959	0.916	4.5	84	0.00
20	3+4-Methylphenols	1.294	1.290	0.3	86	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	83	0.00
22	Acetophenone	0.465	0.469	-0.9	87	0.00
23 S	Nitrobenzene-d5	0.384	0.392	-2.1	87	0.00
24	Nitrobenzene	0.400	0.409	-2.2	87	0.00
25	Isophorone	0.680	0.680	0.0	84	0.00
26 C	2-Nitrophenol	0.177	0.189	-6.8	88	0.00
27	2,4-Dimethylphenol	0.227	0.234	-3.1	87	0.00
28	bis(2-Chloroethoxy)methane	0.417	0.423	-1.4	86	0.00
29 C	2,4-Dichlorophenol	0.281	0.294	-4.6	89	0.00
30	1,2,4-Trichlorobenzene	0.312	0.324	-3.8	90	0.00
31	Naphthalene	1.015	1.040	-2.5	88	0.00
32	Benzoic acid	0.200	0.213	-6.5	84	0.01
33	4-Chloroaniline	0.353	0.342	3.1	84	0.00
34 C	Hexachlorobutadiene	0.199	0.209	-5.0	90	0.00
35	Caprolactam	0.093	0.096	-3.2	87	0.00
36 C	4-Chloro-3-methylphenol	0.311	0.322	-3.5	87	0.01
37	2-Methylnaphthalene	0.651	0.663	-1.8	87	0.00
38	1-Methylnaphthalene	0.637	0.649	-1.9	86	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	82	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.581	-5.1	89	0.00
41 P	Hexachlorocyclopentadiene	0.142	0.127	10.6	74	0.00
42 S	2,4,6-Tribromophenol	0.199	0.210	-5.5	89	0.00
43 C	2,4,6-Trichlorophenol	0.363	0.377	-3.9	86	0.00
44	2,4,5-Trichlorophenol	0.397	0.418	-5.3	88	0.01
45 S	2-Fluorobiphenyl	1.244	1.282	-3.1	89	0.00
46	1,1'-Biphenyl	1.455	1.501	-3.2	87	0.00
47	2-Chloronaphthalene	1.108	1.144	-3.2	88	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140488.D
Acq On : 20 Nov 2024 09:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 10:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	0.368	0.375	-1.9	84	0.00
49	Acenaphthylene	1.677	1.721	-2.6	86	0.00
50	Dimethylphthalate	1.304	1.342	-2.9	87	0.00
51	2,6-Dinitrotoluene	0.297	0.314	-5.7	86	0.00
52 C	Acenaphthene	1.133	1.176	-3.8	88	0.00
53	3-Nitroaniline	0.312	0.318	-1.9	84	0.00
54 P	2,4-Dinitrophenol	0.153	0.154	-0.7	86	0.00
55	Dibenzofuran	1.603	1.638	-2.2	86	0.00
56 P	4-Nitrophenol	0.228	0.216	5.3	75	0.02
57	2,4-Dinitrotoluene	0.391	0.410	-4.9	87	0.00
58	Fluorene	1.267	1.310	-3.4	89	0.00
59	2,3,4,6-Tetrachlorophenol	0.313	0.321	-2.6	82	0.00
60	Diethylphthalate	1.333	1.357	-1.8	86	0.00
61	4-Chlorophenyl-phenylether	0.625	0.650	-4.0	88	0.00
62	4-Nitroaniline	0.319	0.317	0.6	81	0.00
63	Azobenzene	1.317	1.322	-0.4	83	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	81	0.00
65	4,6-Dinitro-2-methylphenol	0.108	0.121	-12.0	91	0.00
66 c	n-Nitrosodiphenylamine	0.578	0.600	-3.8	87	0.00
67	4-Bromophenyl-phenylether	0.200	0.207	-3.5	87	0.00
68	Hexachlorobenzene	0.225	0.237	-5.3	88	0.00
69	Atrazine	0.175	0.161	8.0	90	0.00
70 C	Pentachlorophenol	0.121	0.122	-0.8	78	0.00
71	Phenanthrene	0.940	0.958	-1.9	86	0.00
72	Anthracene	0.921	0.940	-2.1	86	0.00
73	Carbazole	0.909	0.919	-1.1	85	0.00
74	Di-n-butylphthalate	1.091	1.108	-1.6	84	0.00
75 C	Fluoranthene	1.054	1.040	1.3	83	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	70	0.00
77	Benزيدine	0.768	0.576	25.0#	61	0.00
78	Pyrene	1.711	1.993	-16.5	83	0.00
79 S	Terphenyl-d14	1.152	1.323	-14.8	82	0.00
80	Butylbenzylphthalate	0.657	0.733	-11.6	74	0.00
81	Benzo(a)anthracene	1.314	1.367	-4.0	75	0.00
82	3,3'-Dichlorobenzidine	0.418	0.425	-1.7	74	0.00
83	Chrysene	1.199	1.229	-2.5	73	0.00
84	Bis(2-ethylhexyl)phthalate	0.877	0.895	-2.1	67	0.00
85 c	Di-n-octyl phthalate	1.235	1.193	3.4	64	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	76	-0.02
87	Indeno(1,2,3-cd)pyrene	1.235	1.428	-15.6	87	0.00
88	Benzo(b)fluoranthene	1.308	1.186	9.3	72	-0.01
89	Benzo(k)fluoranthene	1.069	1.134	-6.1	82	-0.02
90 C	Benzo(a)pyrene	1.016	1.047	-3.1	79	-0.02
91	Dibenzo(a,h)anthracene	1.021	1.170	-14.6	86	-0.01
92	Benzo(g,h,i)perylene	1.044	1.208	-15.7	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140488.D
Acq On : 20 Nov 2024 09:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 10:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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\BF112024\
Data File : BF140488.D
Acq On : 20 Nov 2024 09:31
Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	90	0.00
2	1,4-Dioxane	40.000	40.057	-0.1	91	0.00
3	Pyridine	40.000	39.486	1.3	87	0.00
4	n-Nitrosodimethylamine	40.000	38.578	3.6	85	0.00
5 S	2-Fluorophenol	80.000	80.791	-1.0	93	0.01
6	Aniline	40.000	37.496	6.3	80	0.00
7 S	Phenol-d6	80.000	79.582	0.5	88	0.01
8	2-Chlorophenol	40.000	40.316	-0.8	90	0.00
9	Benzaldehyde	40.000	60.302	-50.8#	145	0.00
10 C	Phenol	40.000	39.610	1.0	86	0.00
11	bis(2-Chloroethyl)ether	40.000	40.278	-0.7	91	0.00
12	1,3-Dichlorobenzene	40.000	40.664	-1.7	92	0.00
13 C	1,4-Dichlorobenzene	40.000	40.679	-1.7	93	0.00
14	1,2-Dichlorobenzene	40.000	40.596	-1.5	92	0.00
15	Benzyl Alcohol	40.000	40.015	-0.0	85	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.322	6.7	81	0.00
17	2-Methylphenol	40.000	39.889	0.3	87	0.00
18	Hexachloroethane	40.000	41.146	-2.9	94	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.218	4.5	84	0.00
20	3+4-Methylphenols	40.000	39.866	0.3	86	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	83	0.00
22	Acetophenone	40.000	40.314	-0.8	87	0.00
23 S	Nitrobenzene-d5	80.000	81.601	-2.0	87	0.00
24	Nitrobenzene	40.000	40.890	-2.2	87	0.00
25	Isophorone	40.000	39.991	0.0	84	0.00
26 C	2-Nitrophenol	40.000	42.584	-6.5	88	0.00
27	2,4-Dimethylphenol	40.000	41.165	-2.9	87	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.536	-1.3	86	0.00
29 C	2,4-Dichlorophenol	40.000	41.936	-4.8	89	0.00
30	1,2,4-Trichlorobenzene	40.000	41.545	-3.9	90	0.00
31	Naphthalene	40.000	41.021	-2.6	88	0.00
32	Benzoic acid	40.000	42.721	-6.8	84	0.01
33	4-Chloroaniline	40.000	38.800	3.0	84	0.00
34 C	Hexachlorobutadiene	40.000	41.969	-4.9	90	0.00
35	Caprolactam	40.000	41.015	-2.5	87	0.00
36 C	4-Chloro-3-methylphenol	40.000	41.442	-3.6	87	0.01
37	2-Methylnaphthalene	40.000	40.752	-1.9	87	0.00
38	1-Methylnaphthalene	40.000	40.761	-1.9	86	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	82	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	42.033	-5.1	89	0.00
41 P	Hexachlorocyclopentadiene	40.000	35.720	10.7	74	0.00
42 S	2,4,6-Tribromophenol	80.000	84.657	-5.8	89	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.575	-3.9	86	0.00
44	2,4,5-Trichlorophenol	40.000	42.101	-5.3	88	0.01
45 S	2-Fluorobiphenyl	80.000	82.435	-3.0	89	0.00
46	1,1'-Biphenyl	40.000	41.269	-3.2	87	0.00
47	2-Chloronaphthalene	40.000	41.295	-3.2	88	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140488.D
Acq On : 20 Nov 2024 09:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 10:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	40.822	-2.1	84	0.00
49	Acenaphthylene	40.000	41.051	-2.6	86	0.00
50	Dimethylphthalate	40.000	41.191	-3.0	87	0.00
51	2,6-Dinitrotoluene	40.000	42.217	-5.5	86	0.00
52 C	Acenaphthene	40.000	41.519	-3.8	88	0.00
53	3-Nitroaniline	40.000	40.783	-2.0	84	0.00
54 P	2,4-Dinitrophenol	40.000	40.309	-0.8	86	0.00
55	Dibenzofuran	40.000	40.855	-2.1	86	0.00
56 P	4-Nitrophenol	40.000	37.987	5.0	75	0.02
57	2,4-Dinitrotoluene	40.000	41.954	-4.9	87	0.00
58	Fluorene	40.000	41.374	-3.4	89	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.969	-2.4	82	0.00
60	Diethylphthalate	40.000	40.719	-1.8	86	0.00
61	4-Chlorophenyl-phenylether	40.000	41.564	-3.9	88	0.00
62	4-Nitroaniline	40.000	39.743	0.6	81	0.00
63	Azobenzene	40.000	40.162	-0.4	83	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	81	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.111	-12.8	91	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.500	-3.8	87	0.00
67	4-Bromophenyl-phenylether	40.000	41.452	-3.6	87	0.00
68	Hexachlorobenzene	40.000	42.150	-5.4	88	0.00
69	Atrazine	40.000	36.762	8.1	90	0.00
70 C	Pentachlorophenol	40.000	40.153	-0.4	78	0.00
71	Phenanthrene	40.000	40.766	-1.9	86	0.00
72	Anthracene	40.000	40.843	-2.1	86	0.00
73	Carbazole	40.000	40.444	-1.1	85	0.00
74	Di-n-butylphthalate	40.000	40.603	-1.5	84	0.00
75 C	Fluoranthene	40.000	39.468	1.3	83	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	70	0.00
77	Benzydine	40.000	30.014	25.0	61	0.00
78	Pyrene	40.000	46.608	-16.5	83	0.00
79 S	Terphenyl-d14	80.000	91.863	-14.8	82	0.00
80	Butylbenzylphthalate	40.000	44.621	-11.6	74	0.00
81	Benzo(a)anthracene	40.000	41.593	-4.0	75	0.00
82	3,3'-Dichlorobenzidine	40.000	40.709	-1.8	74	0.00
83	Chrysene	40.000	40.986	-2.5	73	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.823	-2.1	67	0.00
85 c	Di-n-octyl phthalate	40.000	38.622	3.4	64	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	76	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	46.248	-15.6	87	0.00
88	Benzo(b)fluoranthene	40.000	36.276	9.3	72	-0.01
89	Benzo(k)fluoranthene	40.000	42.441	-6.1	82	-0.02
90 C	Benzo(a)pyrene	40.000	41.217	-3.0	79	-0.02
91	Dibenzo(a,h)anthracene	40.000	45.817	-14.5	86	-0.01
92	Benzo(g,h,i)perylene	40.000	46.275	-15.7	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140488.D
Acq On : 20 Nov 2024 09:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 10:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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: TETR06

Lab Code: CHEM Case No.: P4868 SAS No.: P4868 SDG No.: P4868

Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 14:34

Lab File ID: BF140499.D Init. Calib. Date(s): 11/13/2024 11/13/2024

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:01 12:48

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.171	1.177		0.5	50.0
Benzaldehyde	0.951	1.385		45.6	50.0
Phenol-d6	1.587	1.558		-1.8	50.0
Phenol	1.674	1.601		-4.4	50.0
bis(2-Chloroethyl)ether	1.268	1.301		2.6	50.0
2-Chlorophenol	1.258	1.255		-0.2	50.0
2-Methylphenol	1.035	1.015		-1.9	50.0
2,2-oxybis(1-Chloropropane)	1.752	1.576		-10.0	50.0
Acetophenone	0.465	0.475		2.2	50.0
3+4-Methylphenols	1.295	1.265		-2.3	50.0
n-Nitroso-di-n-propylamine	0.959	0.897	0.050	-6.5	50.0
Nitrobenzene-d5	0.384	0.399		3.9	50.0
Hexachloroethane	0.520	0.523		0.6	50.0
Nitrobenzene	0.400	0.412		3.0	50.0
Isophorone	0.680	0.686		0.9	50.0
2-Nitrophenol	0.177	0.191		7.9	50.0
2,4-Dimethylphenol	0.227	0.237		4.4	50.0
bis(2-Chloroethoxy)methane	0.417	0.422		1.2	50.0
2,4-Dichlorophenol	0.281	0.298		6.1	50.0
Naphthalene	1.015	1.040		2.5	50.0
4-Chloroaniline	0.353	0.232		-34.3	50.0
Hexachlorobutadiene	0.199	0.208		4.5	50.0
Caprolactam	0.093	0.096		3.2	50.0
4-Chloro-3-methylphenol	0.311	0.321		3.2	50.0
2-Methylnaphthalene	0.651	0.658		1.1	50.0
Hexachlorocyclopentadiene	0.142	0.132	0.050	-7.0	50.0
2,4,6-Trichlorophenol	0.363	0.380		4.7	50.0
2-Fluorobiphenyl	1.244	1.256		1.0	50.0
2,4,5-Trichlorophenol	0.397	0.417		5.0	50.0
1,1-Biphenyl	1.455	1.469		1.0	50.0
2-Chloronaphthalene	1.108	1.126		1.6	50.0
2-Nitroaniline	0.368	0.373		1.4	50.0
Dimethylphthalate	1.304	1.328		1.8	50.0
Acenaphthylene	1.677	1.715		2.3	50.0
2,6-Dinitrotoluene	0.297	0.308		3.7	50.0
3-Nitroaniline	0.312	0.310		-0.6	50.0
Acenaphthene	1.133	1.182		4.3	50.0
2,4-Dinitrophenol	0.153	0.170	0.050	11.1	50.0
4-Nitrophenol	0.228	0.215	0.050	-5.7	50.0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P4868 SAS No.: P4868 SDG No.: P4868

Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 14:34

Lab File ID: BF140499.D Init. Calib. Date(s): 11/13/2024 11/13/2024

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:01 12:48

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.603	1.639		2.2	50.0
2,4-Dinitrotoluene	0.391	0.412		5.4	50.0
Diethylphthalate	1.333	1.338		0.4	50.0
4-Chlorophenyl-phenylether	0.625	0.636		1.8	50.0
Fluorene	1.267	1.285		1.4	50.0
4-Nitroaniline	0.319	0.311		-2.5	50.0
4,6-Dinitro-2-methylphenol	0.108	0.126		16.7	50.0
n-Nitrosodiphenylamine	0.578	0.597		3.3	50.0
2,4,6-Tribromophenol	0.199	0.208		4.5	50.0
4-Bromophenyl-phenylether	0.200	0.210		5.0	50.0
Hexachlorobenzene	0.225	0.235		4.4	50.0
Atrazine	0.175	0.154		-12.0	50.0
Pentachlorophenol	0.121	0.119		-1.7	50.0
Phenanthrene	0.940	0.960		2.1	50.0
Anthracene	0.921	0.945		2.6	50.0
Carbazole	0.909	0.928		2.1	50.0
Di-n-butylphthalate	1.091	1.108		1.6	50.0
Fluoranthene	1.054	1.050		-0.4	50.0
Pyrene	1.711	1.890		10.5	50.0
Terphenyl-d14	1.152	1.256		9.0	50.0
Butylbenzylphthalate	0.657	0.713		8.5	50.0
3,3-Dichlorobenzidine	0.418	0.374		-10.5	50.0
Benzo (a) anthracene	1.314	1.385		5.4	50.0
Chrysene	1.199	1.203		0.3	50.0
Bis (2-ethylhexyl) phthalate	0.877	0.913		4.1	50.0
Di-n-octyl phthalate	1.235	1.267		2.6	50.0
Benzo (b) fluoranthene	1.308	1.245		-4.8	50.0
Benzo (k) fluoranthene	1.069	1.104		3.3	50.0
Benzo (a) pyrene	1.016	1.045		2.9	50.0
Indeno (1,2,3-cd) pyrene	1.235	1.280		3.6	50.0
Dibenzo (a,h) anthracene	1.021	1.063		4.1	50.0
Benzo (g,h,i) perylene	1.044	1.081		3.5	50.0
1,2,4,5-Tetrachlorobenzene	0.553	0.573		3.6	50.0
1,4-Dioxane	0.522	0.528		1.1	50.0
2,3,4,6-Tetrachlorophenol	0.313	0.324		3.5	50.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140499.D
 Acq On : 20 Nov 2024 14:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 15:17:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 13 14:40:06 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140286	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	505022	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	281514	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	514713	20.000	ng	0.00
76) Chrysene-d12	14.045	240	286743	20.000	ng	0.00
86) Perylene-d12	15.539	264	269781	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	660198	80.351	ng	0.00
7) Phenol-d6	6.516	99	874391	78.548	ng	0.01
23) Nitrobenzene-d5	7.439	82	806985	83.256	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	233944	83.568	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1414875	80.794	ng	0.00
79) Terphenyl-d14	12.986	244	1440888	87.224	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	148088	40.439	ng	98
3) Pyridine	3.410	79	318859	35.418	ng	99
4) n-Nitrosodimethylamine	3.363	42	182316	40.069	ng	100
6) Aniline	6.539	93	213341	22.031	ng	# 8
8) 2-Chlorophenol	6.669	128	352081	39.891	ng	96
9) Benzaldehyde	6.428	77	388456	58.224	ng	99
10) Phenol	6.534	94	449166	38.261	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	365051	41.040	ng	99
12) 1,3-Dichlorobenzene	6.816	146	393877	40.447	ng	99
13) 1,4-Dichlorobenzene	6.892	146	394841	39.987	ng	99
14) 1,2-Dichlorobenzene	7.045	146	368337	40.182	ng	99
15) Benzyl Alcohol	7.016	79	315533	39.342	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	442205	35.991	ng	51
17) 2-Methylphenol	7.133	107	284771	39.222	ng	95
18) Hexachloroethane	7.386	117	146798	40.214	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	251629	37.427	ng	99
20) 3+4-Methylphenols	7.286	107	354993	39.096	ng	# 88
22) Acetophenone	7.281	105	479439	40.818	ng	# 97
24) Nitrobenzene	7.457	77	416268	41.248	ng	100
25) Isophorone	7.692	82	692448	40.309	ng	100
26) 2-Nitrophenol	7.775	139	193085	43.115	ng	99
27) 2,4-Dimethylphenol	7.810	122	238983m	41.682	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	426209	40.462	ng	99
29) 2,4-Dichlorophenol	8.022	162	300826	42.455	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	328809	41.680	ng	98
31) Naphthalene	8.181	128	1050557	41.007	ng	100
32) Benzoic acid	7.939	122	217259	43.064	ng	96
33) 4-Chloroaniline	8.233	127	234173	26.284	ng	99
34) Hexachlorobutadiene	8.292	225	210080	41.796	ng	99
35) Caprolactam	8.598	113	97298	41.314	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	323958	41.256	ng	99
37) 2-Methylnaphthalene	8.869	142	664450	40.448	ng	100
38) 1-Methylnaphthalene	8.969	142	646666	40.200	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	322871	41.475	ng	100
41) Hexachlorocyclopentadiene	9.016	237	74235	37.140	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	213835	41.856	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140499.D
 Acq On : 20 Nov 2024 14:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 15:17:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	234576	41.996	ng	97
46) 1,1'-Biphenyl	9.333	154	827252	40.393	ng	99
47) 2-Chloronaphthalene	9.357	162	633955	40.636	ng	99
48) 2-Nitroaniline	9.457	65	209767	40.543	ng	99
49) Acenaphthylene	9.775	152	965593	40.908	ng	99
50) Dimethylphthalate	9.633	163	747490	40.737	ng	100
51) 2,6-Dinitrotoluene	9.698	165	173433	41.459	ng	98
52) Acenaphthene	9.945	154	665249	41.728	ng	100
53) 3-Nitroaniline	9.869	138	174429	39.705	ng	98
54) 2,4-Dinitrophenol	9.980	184	95639	44.335	ng	97
55) Dibenzofuran	10.116	168	922615	40.880	ng	100
56) 4-Nitrophenol	10.039	139	120846	37.712	ng	98
57) 2,4-Dinitrotoluene	10.104	165	232114	42.160	ng	99
58) Fluorene	10.463	166	723765	40.595	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	182383	41.353	ng	99
60) Diethylphthalate	10.327	149	753283	40.147	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	358252	40.701	ng	99
62) 4-Nitroaniline	10.486	138	174915	38.940	ng	98
63) Azobenzene	10.610	77	727819	39.259	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	129251	46.673	ng	92
66) n-Nitrosodiphenylamine	10.569	169	614645	41.330	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	215812	41.945	ng	98
68) Hexachlorobenzene	11.010	284	242082	41.818	ng	99
69) Atrazine	11.098	200	158743	35.281	ng	100
70) Pentachlorophenol	11.210	266	122415	39.256	ng	99
71) Phenanthrene	11.427	178	988286	40.874	ng	100
72) Anthracene	11.480	178	972834	41.053	ng	99
73) Carbazole	11.633	167	955103	40.819	ng	100
74) Di-n-butylphthalate	11.957	149	1140587	40.615	ng	100
75) Fluoranthene	12.616	202	1081347	39.863	ng	99
77) Benzidine	12.739	184	167843	15.251	ng	99
78) Pyrene	12.845	202	1083741	44.185	ng	100
80) Butylbenzylphthalate	13.457	149	408841	43.392	ng	97
81) Benzo(a)anthracene	14.033	228	794220	42.144	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	214376	35.789	ng	100
83) Chrysene	14.074	228	689797	40.116	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	523748	41.645	ng	99
85) Di-n-octyl phthalate	14.639	149	726628	41.023	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	690766	41.450	ng	100
88) Benzo(b)fluoranthene	15.104	252	671623	38.057	ng	99
89) Benzo(k)fluoranthene	15.133	252	595643	41.316	ng	99
90) Benzo(a)pyrene	15.474	252	564020	41.155	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	573556	41.637	ng	100
92) Benzo(g,h,i)perylene	17.498	276	583216	41.413	ng	99

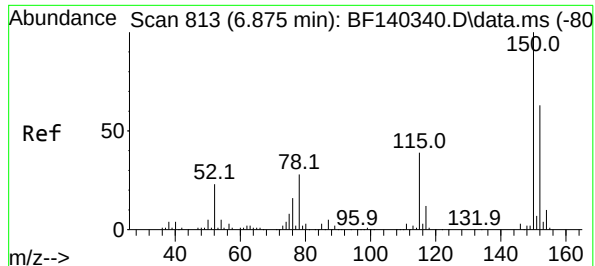
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations

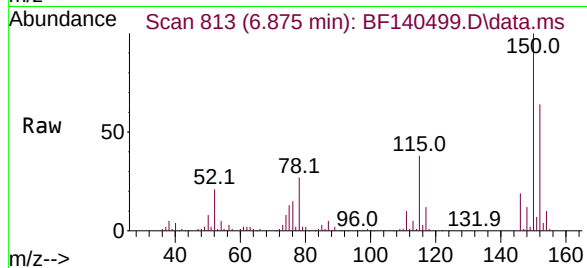
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

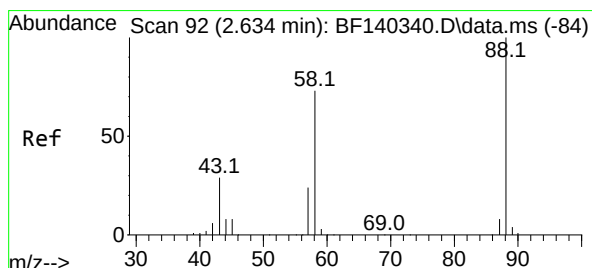
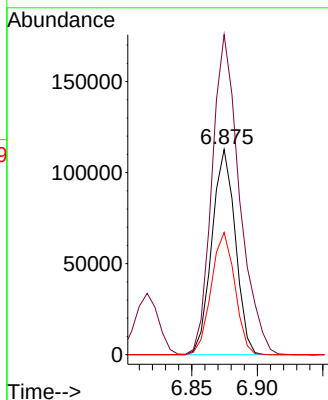
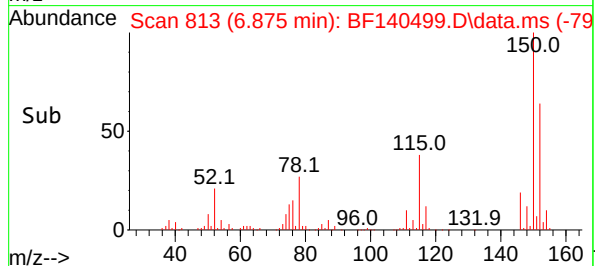
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:152 Resp: 140280
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 59.5 47.4 71.2

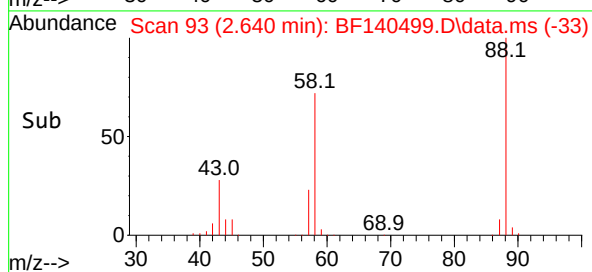
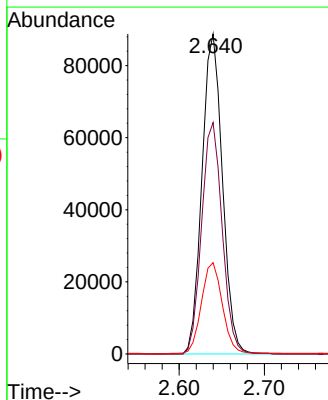
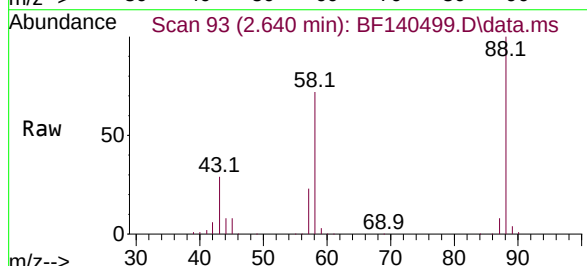
Manual Integrations
APPROVED

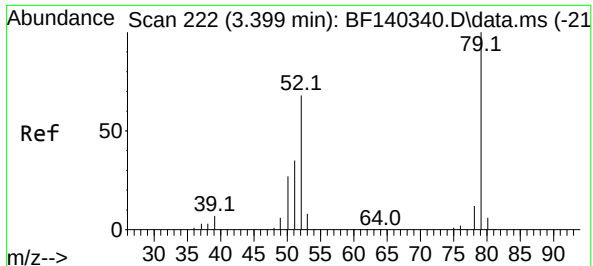
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#2
1,4-Dioxane
Concen: 40.439 ng
RT: 2.640 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 88 Resp: 148088
Ion Ratio Lower Upper
88 100
58 72.7 59.5 89.3
43 29.9 23.4 35.2





#3

Pyridine

Concen: 35.418 ng

RT: 3.410 min Scan# 210

Delta R.T. 0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 31855

Ion Ratio Lower Upper

79 100

52 67.7 53.8 80.6

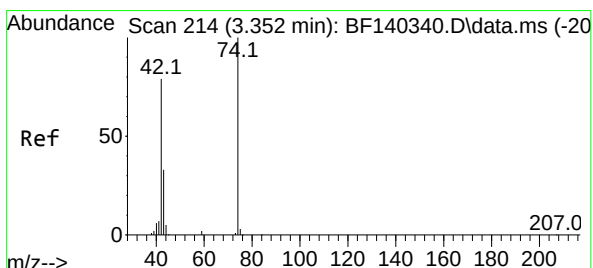
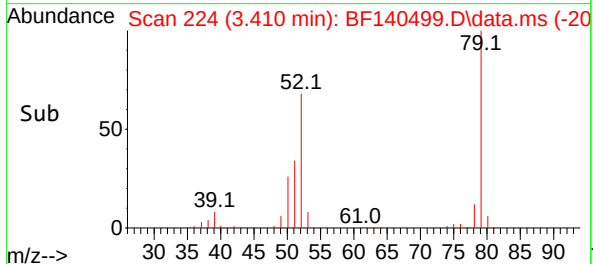
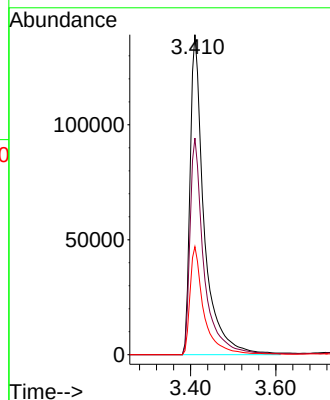
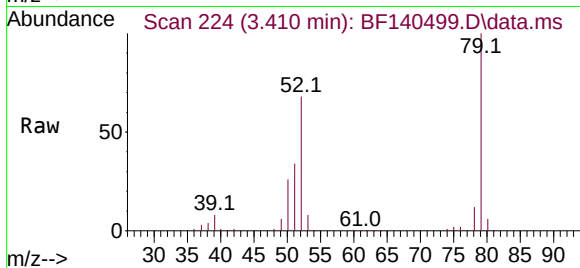
51 33.8 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#4

n-Nitrosodimethylamine

Concen: 40.069 ng

RT: 3.363 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

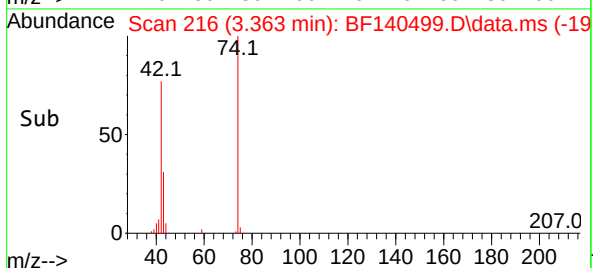
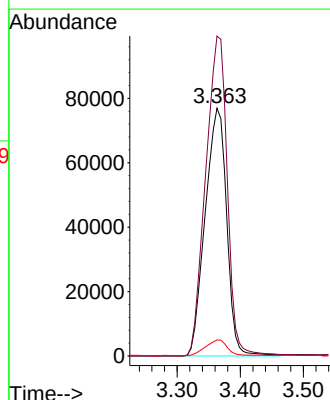
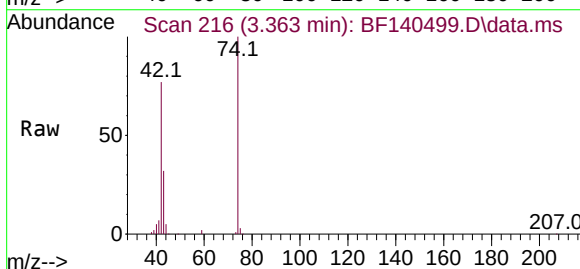
Tgt Ion: 42 Resp: 182316

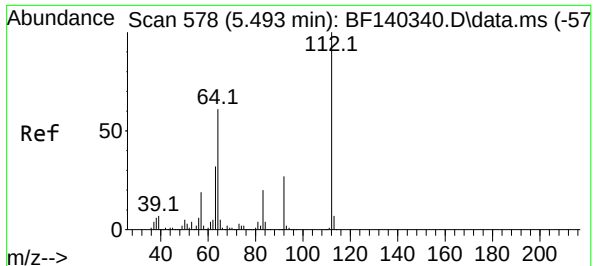
Ion Ratio Lower Upper

42 100

74 129.2 103.5 155.3

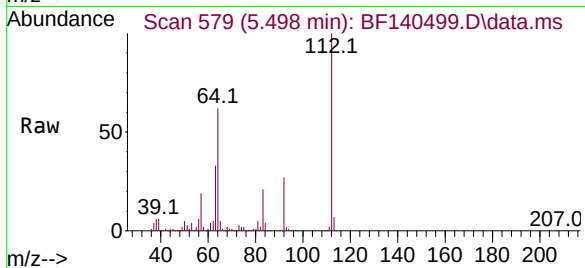
44 6.5 5.1 7.7





#5
2-Fluorophenol
Concen: 80.351 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

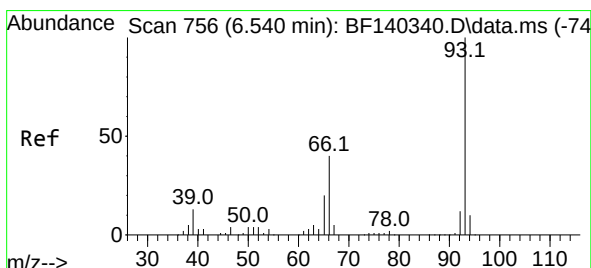
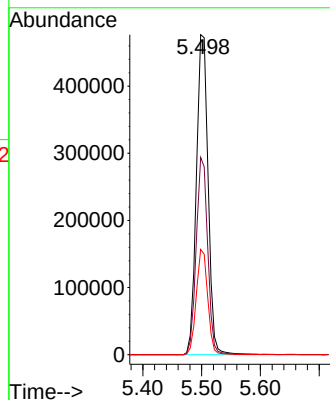
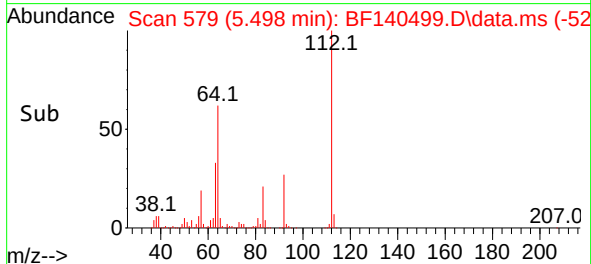
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 112 Resp: 660198
Ion Ratio Lower Upper
112 100
64 61.6 49.2 73.8
63 32.9 25.6 38.4

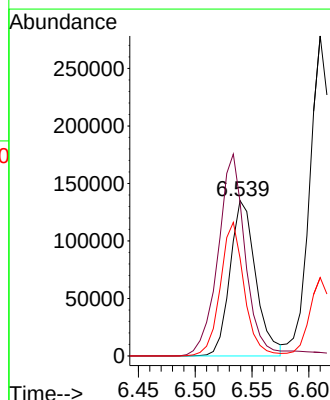
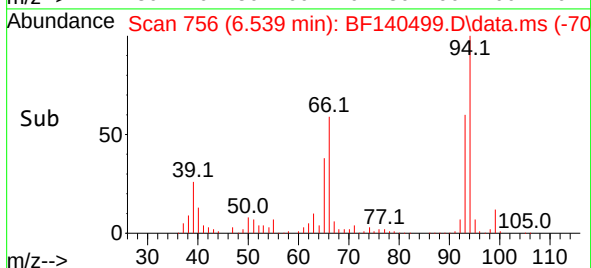
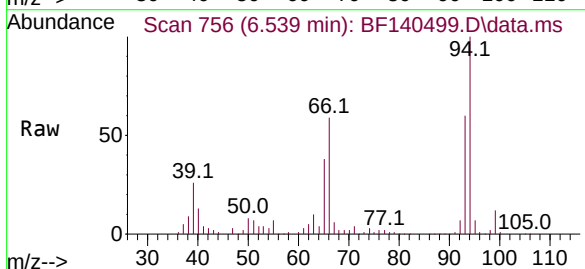
Manual Integrations
APPROVED

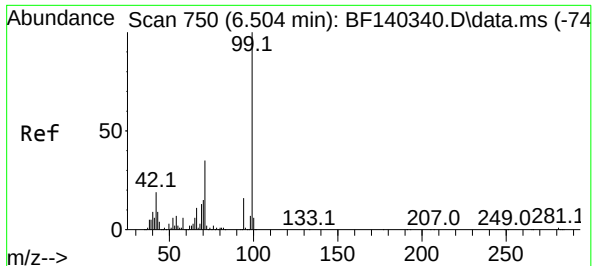
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#6
Aniline
Concen: 22.031 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 93 Resp: 213341
Ion Ratio Lower Upper
93 100
66 99.1 32.8 49.2#
65 63.0 16.6 25.0#





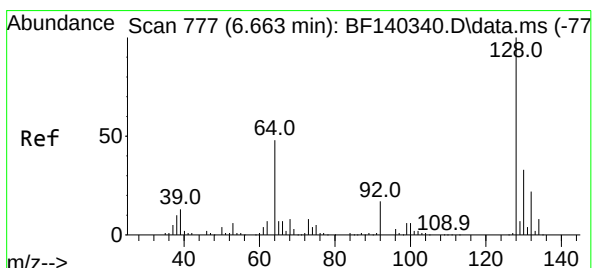
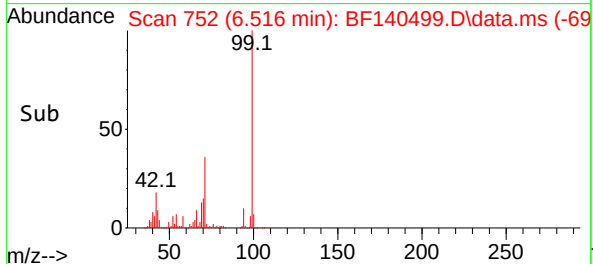
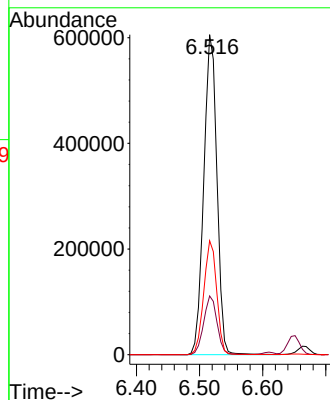
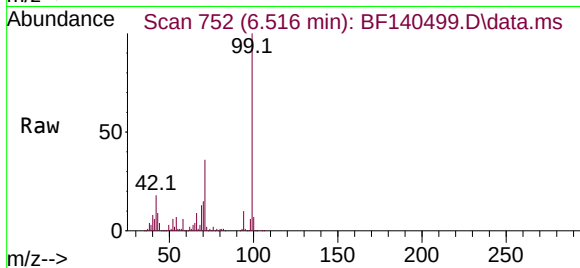
#7
Phenol-d6
Concen: 78.548 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 87439
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 35.6 27.9 41.9

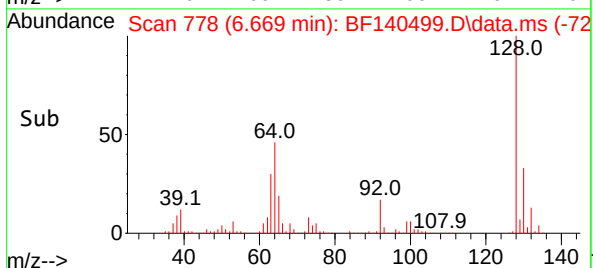
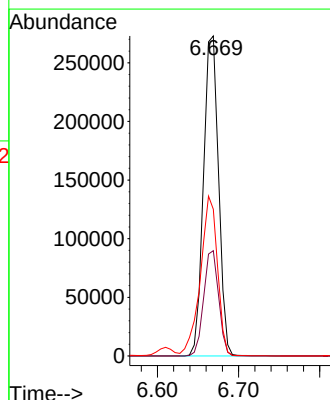
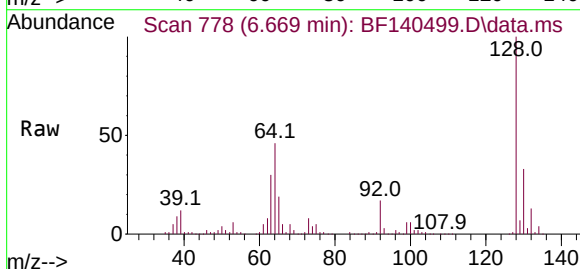
Manual Integrations
APPROVED

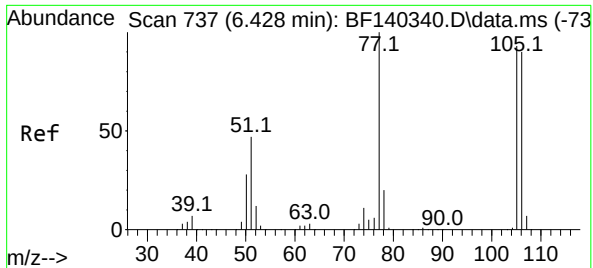
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#8
2-Chlorophenol
Concen: 39.891 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:128 Resp: 352081
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 45.9 30.2 70.2





#9

Benzaldehyde

Concen: 58.224 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 388450

Ion Ratio Lower Upper

77 100

105 94.9 74.4 114.4

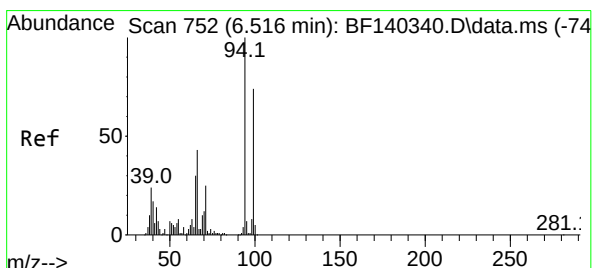
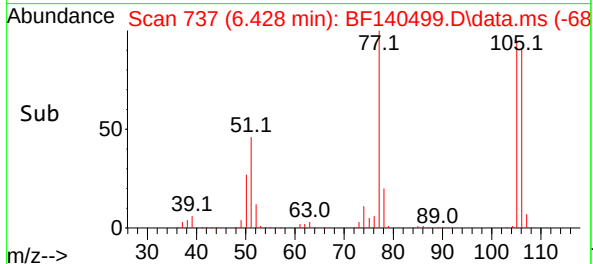
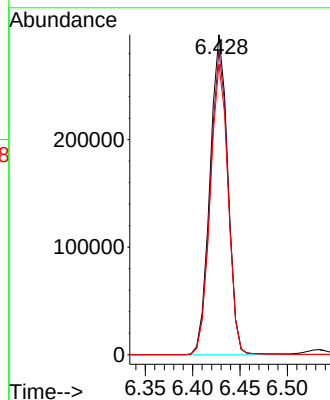
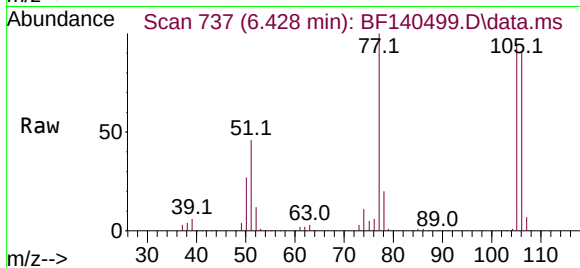
106 90.7 69.9 109.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#10

Phenol

Concen: 38.261 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

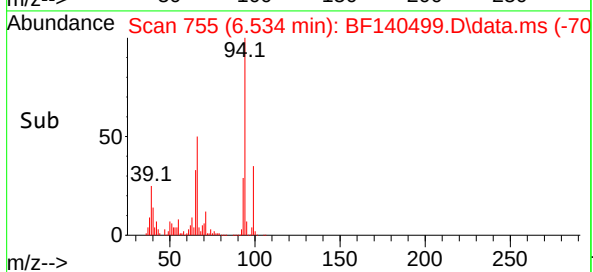
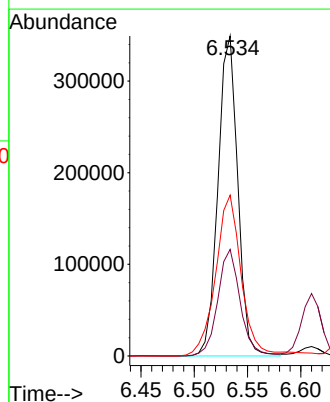
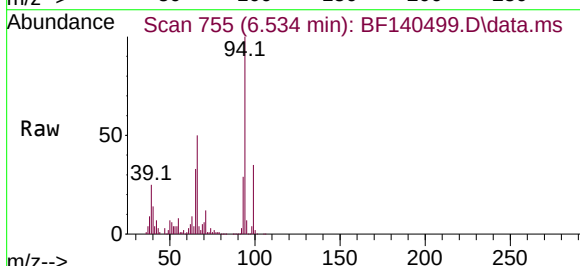
Tgt Ion: 94 Resp: 449166

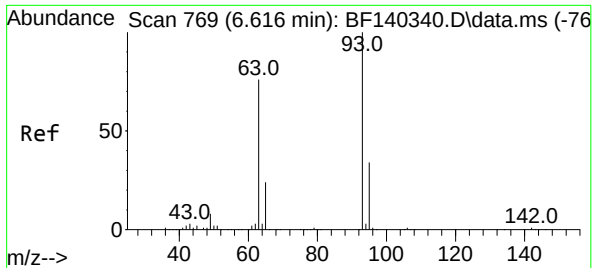
Ion Ratio Lower Upper

94 100

65 33.3 10.4 50.4

66 50.3 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 41.040 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 36505

Ion Ratio Lower Upper

93 100

63 73.3 54.0 94.0

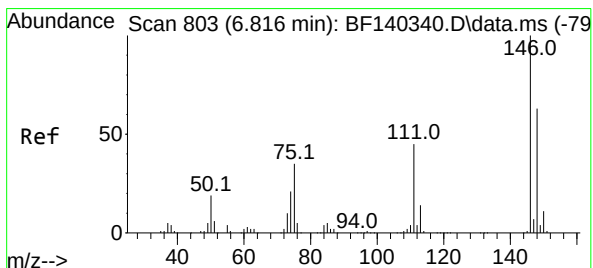
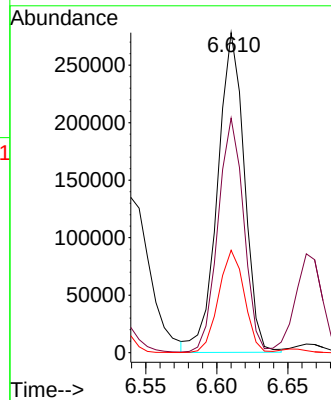
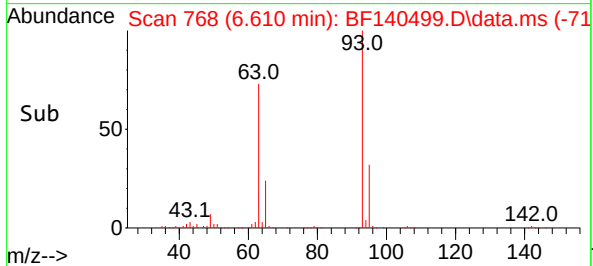
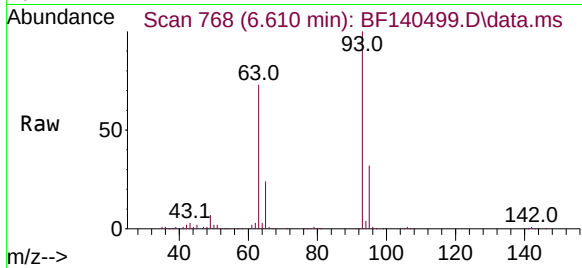
95 32.0 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#12

1,3-Dichlorobenzene

Concen: 40.447 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

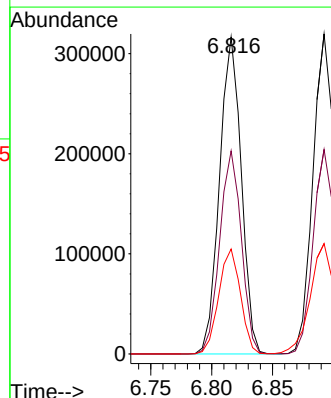
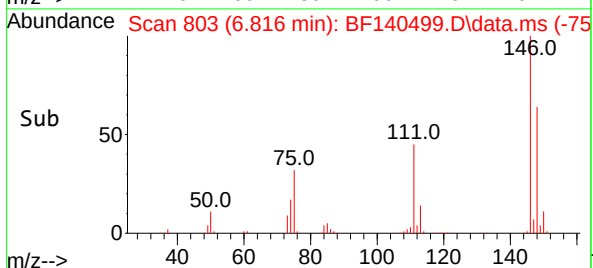
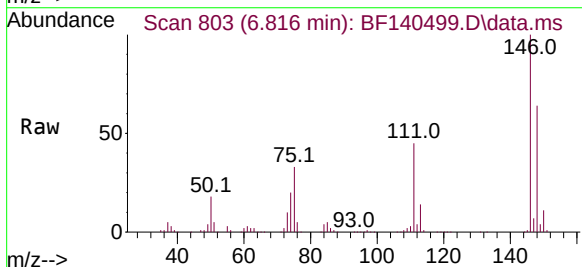
Tgt Ion:146 Resp: 393877

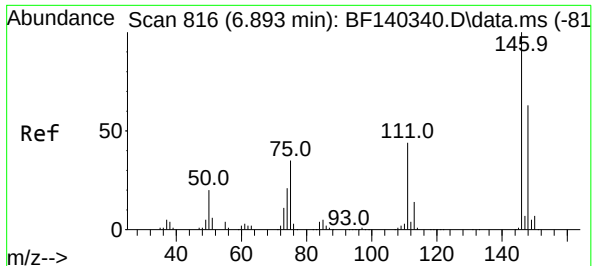
Ion Ratio Lower Upper

146 100

148 64.0 50.7 76.1

75 33.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 39.987 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 39484

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

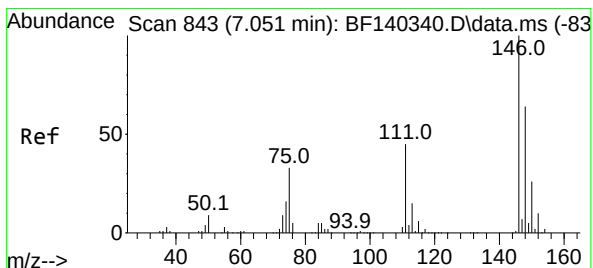
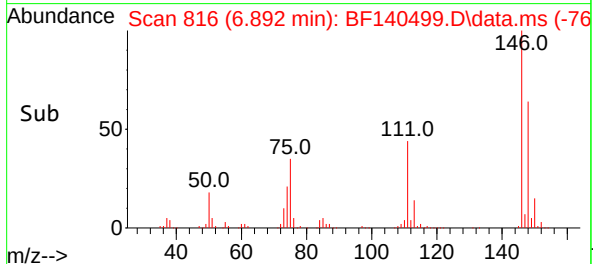
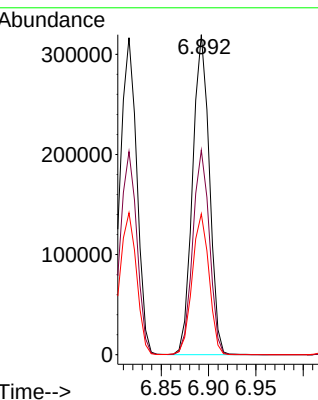
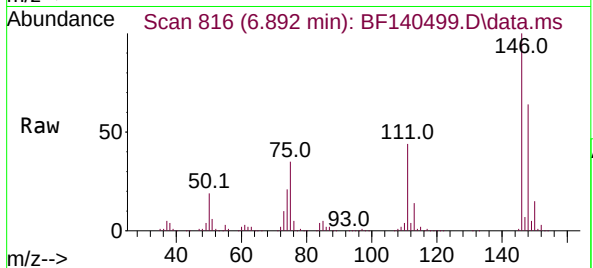
111 44.0 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#14

1,2-Dichlorobenzene

Concen: 40.182 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

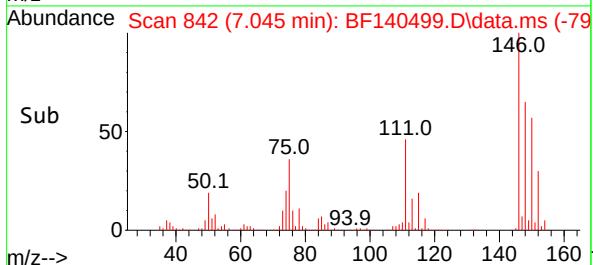
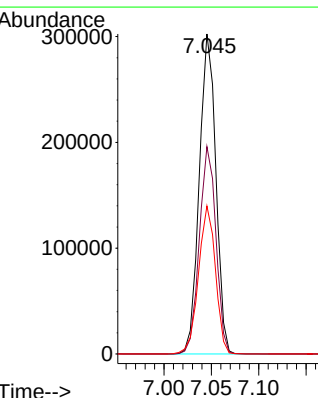
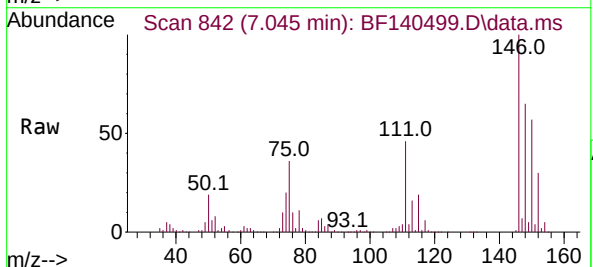
Tgt Ion:146 Resp: 368337

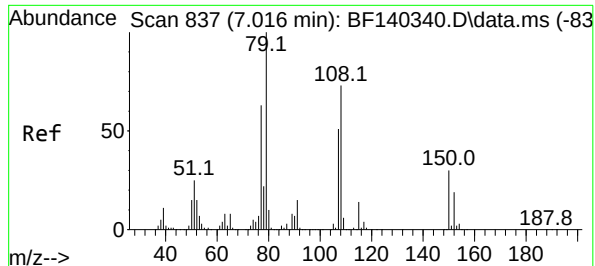
Ion Ratio Lower Upper

146 100

148 64.8 51.2 76.8

111 46.3 36.5 54.7





#15

Benzyl Alcohol

Concen: 39.342 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 31553

Ion Ratio Lower Upper

79 100

108 71.4 57.8 86.6

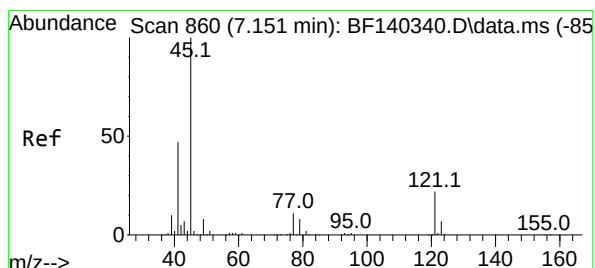
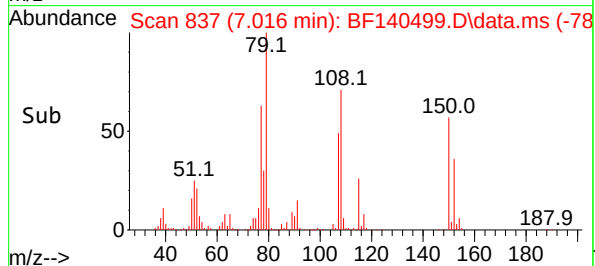
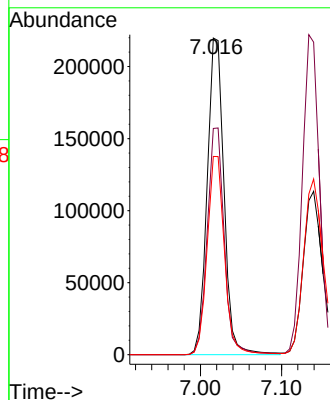
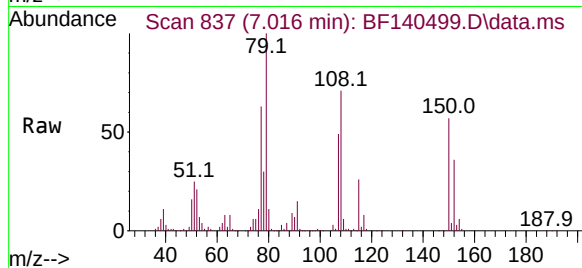
77 62.6 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.991 ng

RT: 7.145 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

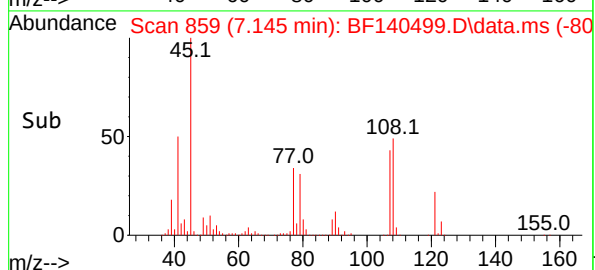
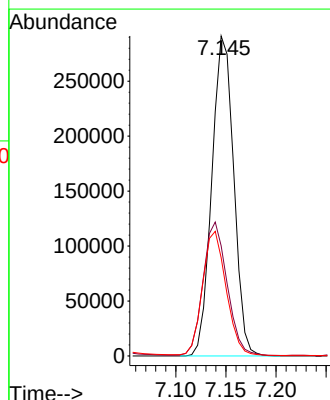
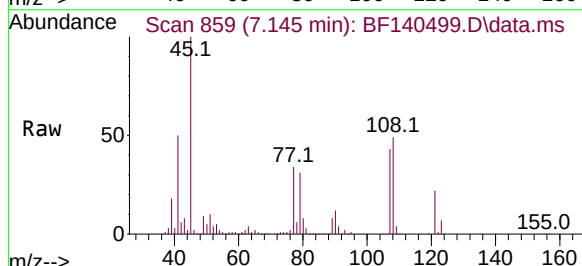
Tgt Ion: 45 Resp: 442205

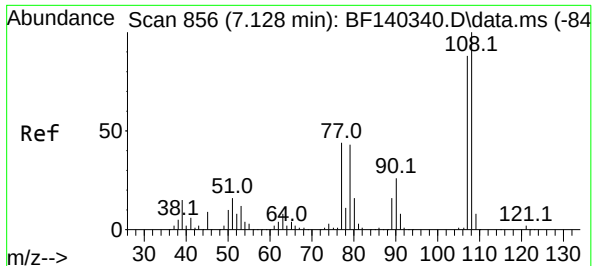
Ion Ratio Lower Upper

45 100

77 34.4 0.0 34.8

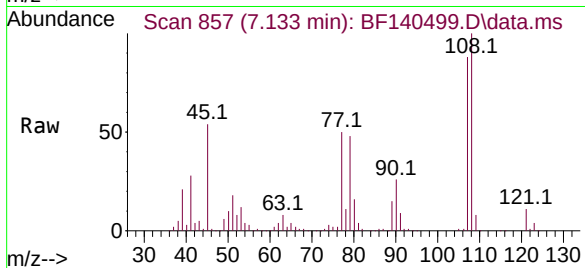
79 30.7 0.0 31.4





#17
2-Methylphenol
Concen: 39.222 ng
RT: 7.133 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

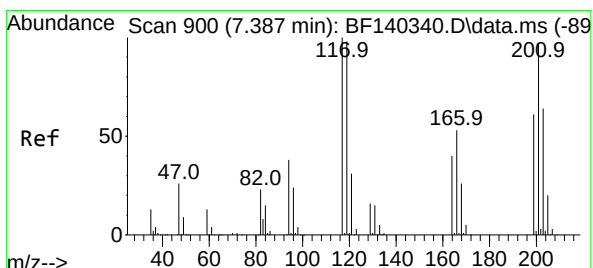
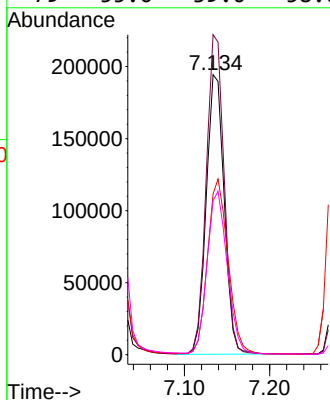
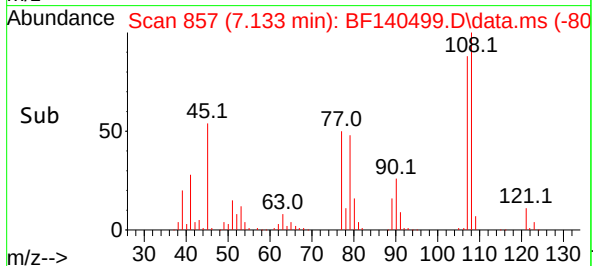
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



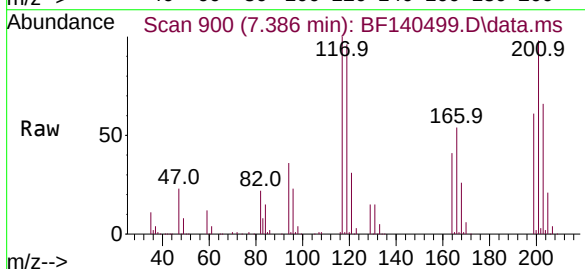
Tgt Ion:107 Resp: 28477
Ion Ratio Lower Upper
107 100
108 114.3 91.9 137.9
77 57.3 39.7 59.5
79 55.0 39.0 58.6

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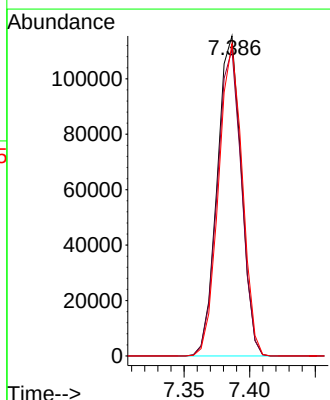
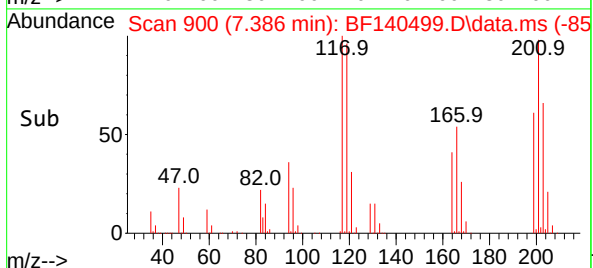
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

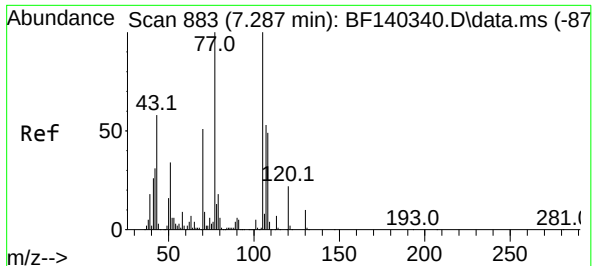


#18
Hexachloroethane
Concen: 40.214 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34



Tgt Ion:117 Resp: 146798
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3
201 97.6 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 37.427 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF140499.D

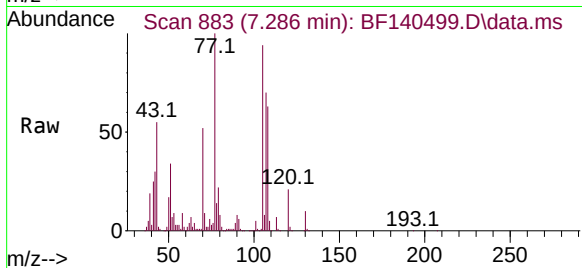
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 251629

Ion Ratio Lower Upper

70 100

42 59.1 46.8 70.2

101 9.5 7.5 11.3

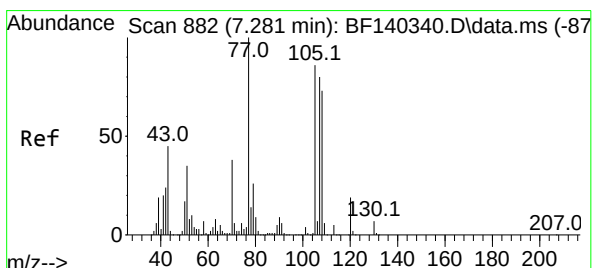
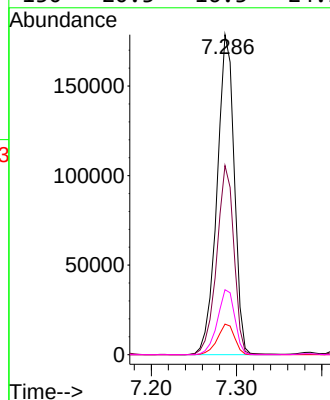
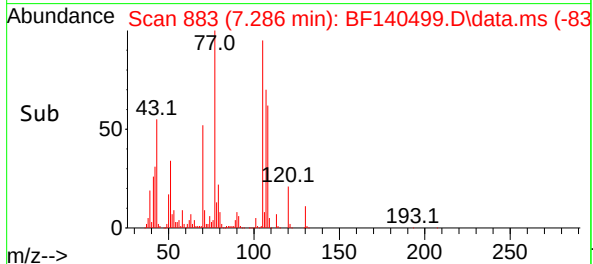
130 20.3 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#20

3+4-Methylphenols

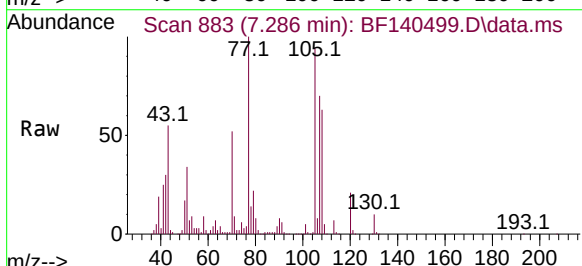
Concen: 39.096 ng

RT: 7.286 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34



Tgt Ion:107 Resp: 354993

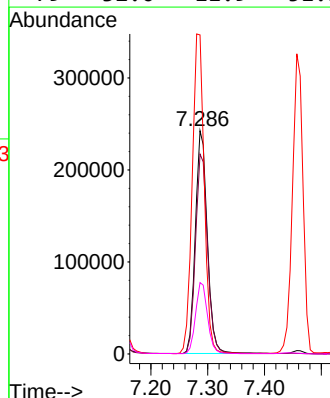
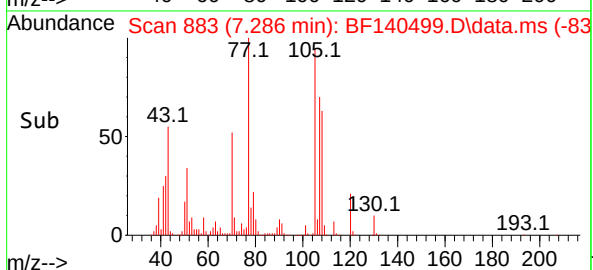
Ion Ratio Lower Upper

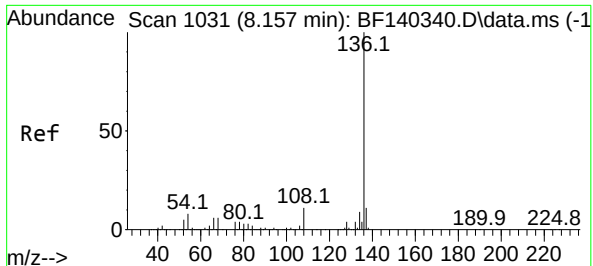
107 100

108 89.5 71.4 111.4

77 142.9 97.0 137.0#

79 32.0 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 50502

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.7 6.5 9.7

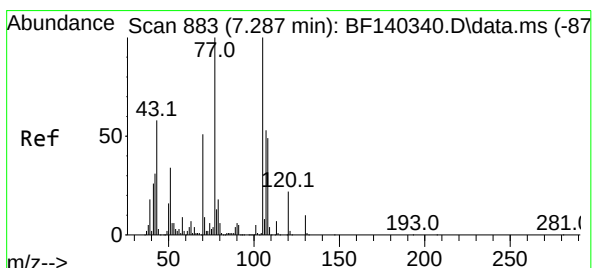
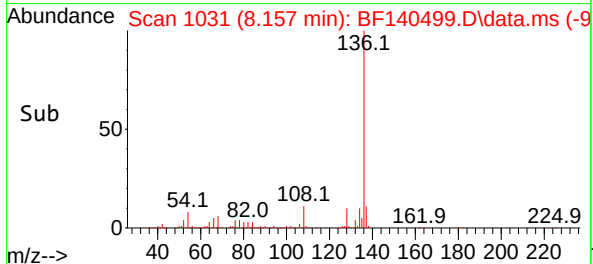
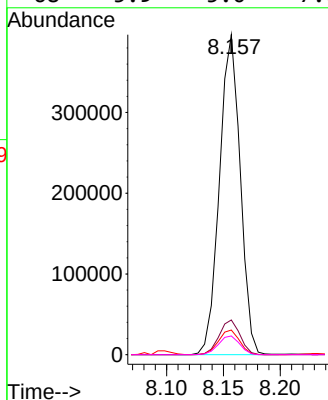
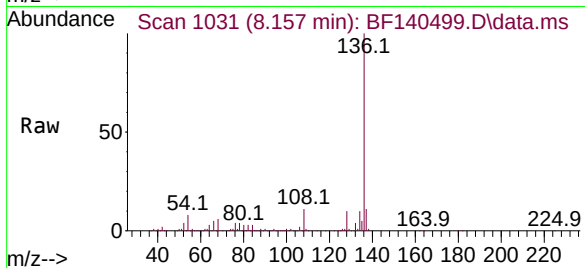
68 5.9 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#22

Acetophenone

Concen: 40.818 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Tgt Ion:105 Resp: 479439

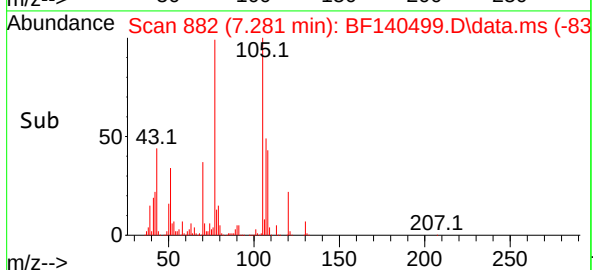
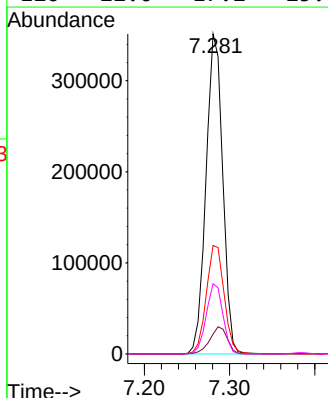
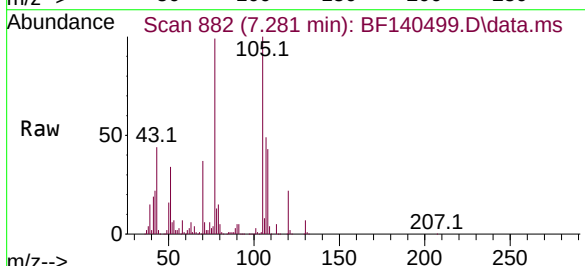
Ion Ratio Lower Upper

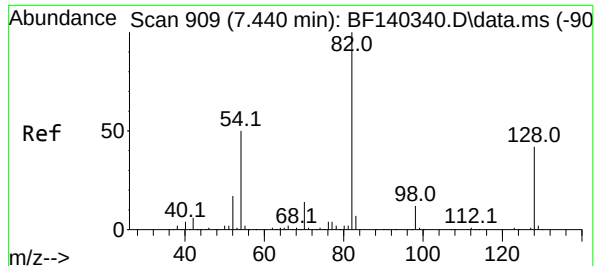
105 100

71 6.2 6.9 10.3#

51 33.9 28.6 43.0

120 22.0 17.2 25.8





#23

Nitrobenzene-d5

Concen: 83.256 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 80698

Ion Ratio Lower Upper

82 100

128 42.0 33.3 49.9

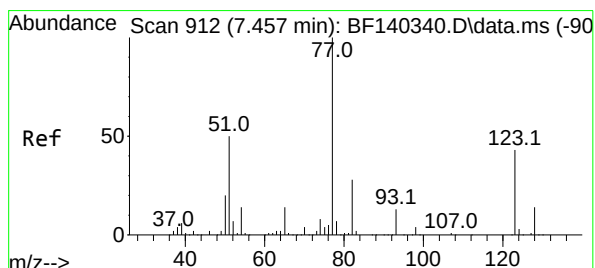
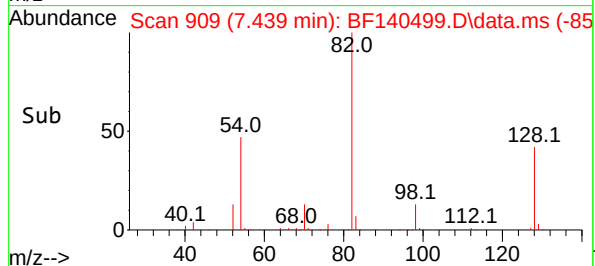
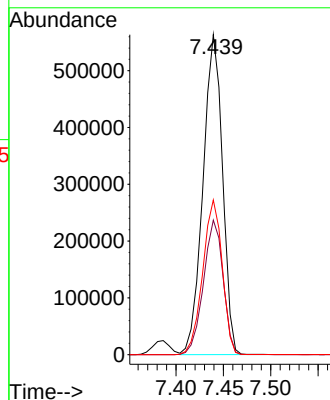
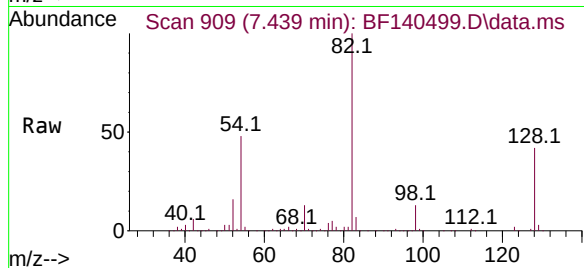
54 48.4 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#24

Nitrobenzene

Concen: 41.248 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

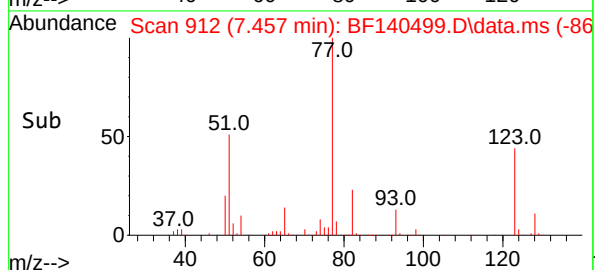
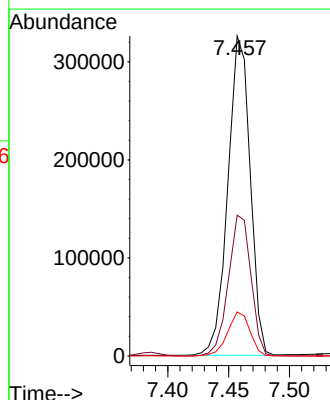
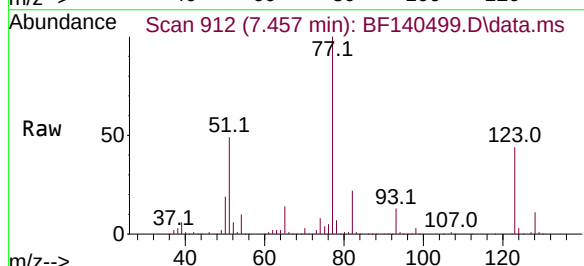
Tgt Ion: 77 Resp: 416268

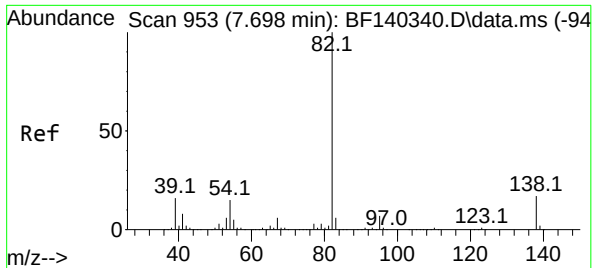
Ion Ratio Lower Upper

77 100

123 44.0 35.4 53.0

65 13.8 11.1 16.7





#25
Isophorone
Concen: 40.309 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

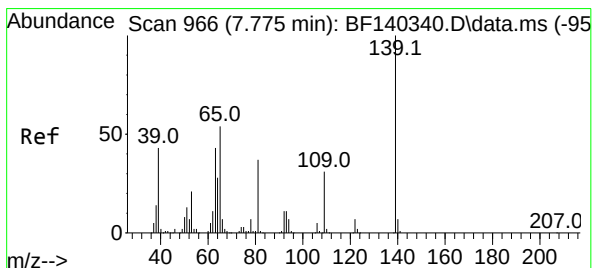
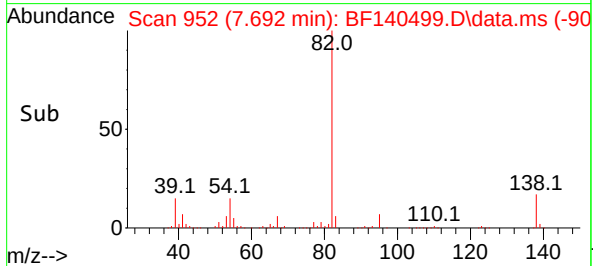
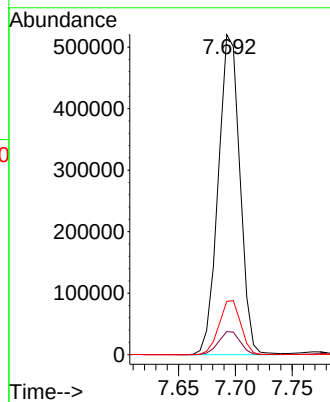
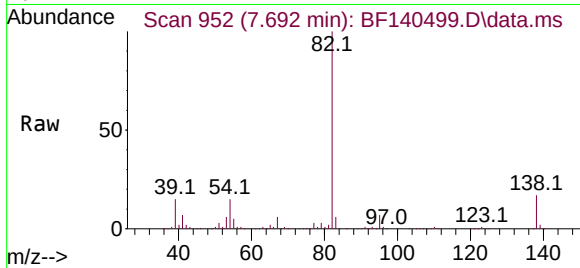
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 692448
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.7 13.4 20.2

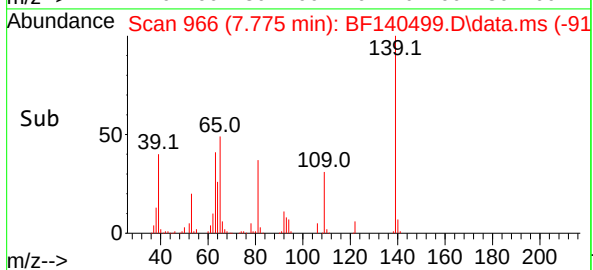
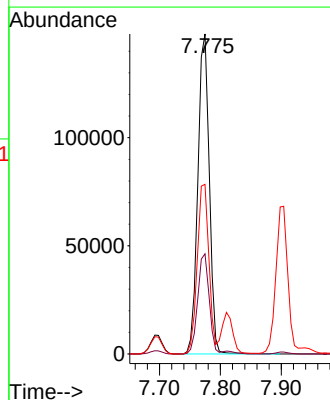
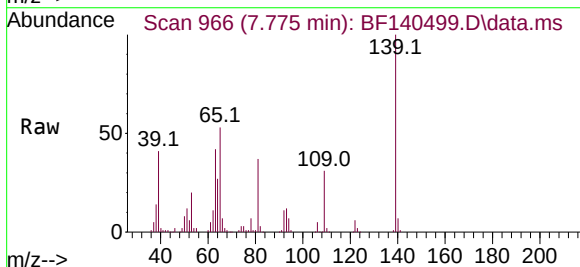
Manual Integrations
APPROVED

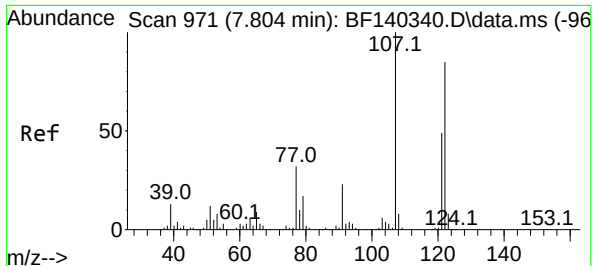
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#26
2-Nitrophenol
Concen: 43.115 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:139 Resp: 193085
Ion Ratio Lower Upper
139 100
109 31.3 24.4 36.6
65 53.0 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 41.682 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:122 Resp: 23898

Ion Ratio Lower Upper

122 100

107 115.7 91.3 136.9

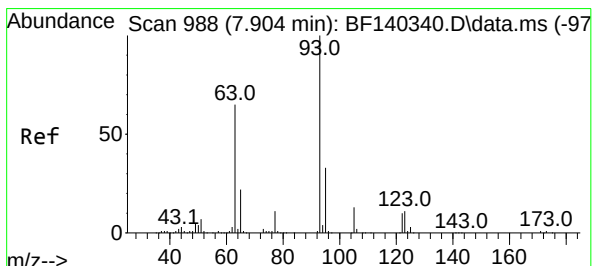
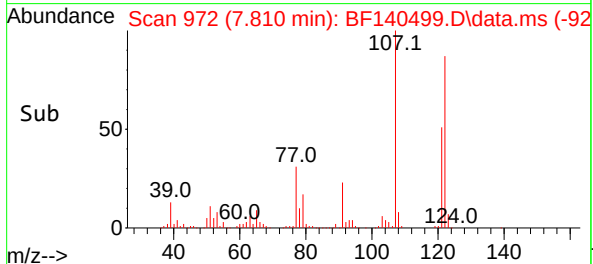
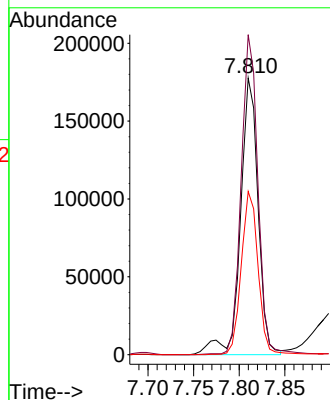
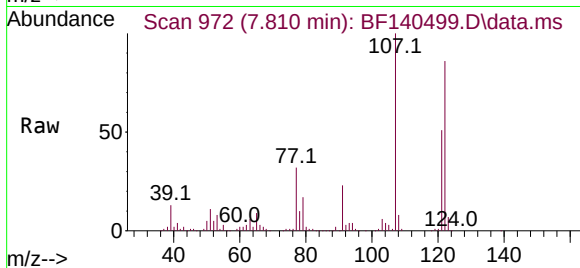
121 59.0 45.5 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.462 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

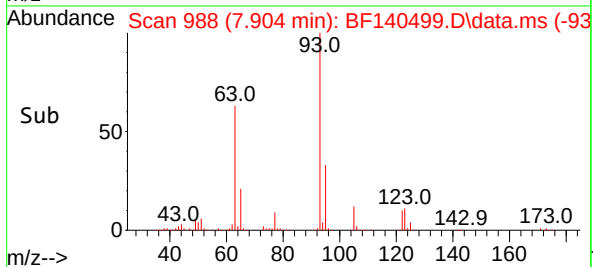
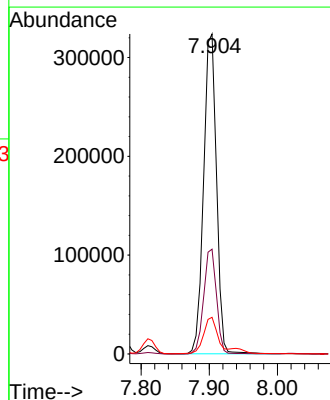
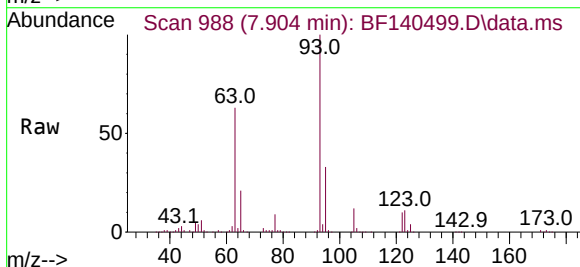
Tgt Ion: 93 Resp: 426209

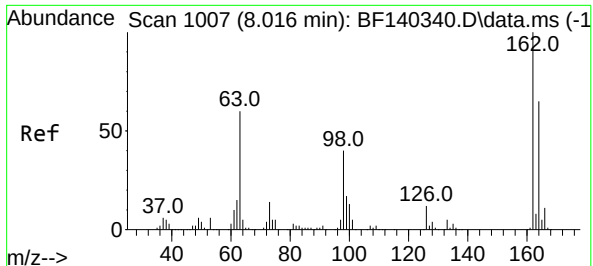
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.5 9.2 13.8





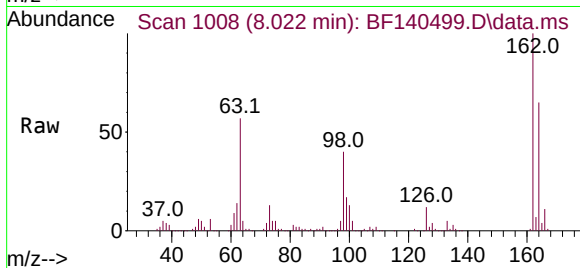
#29
2,4-Dichlorophenol
Concen: 42.455 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

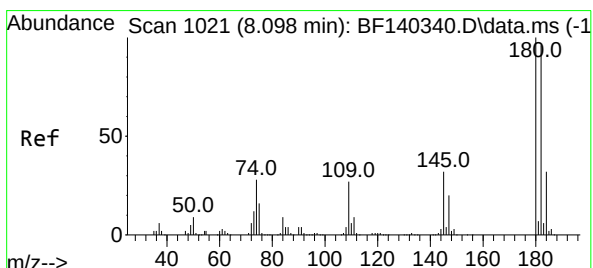
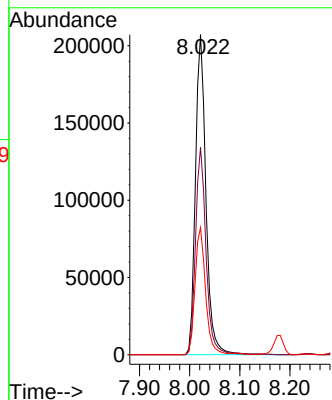
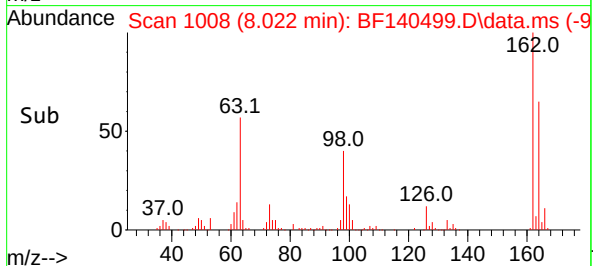
SSTDCCC040EC



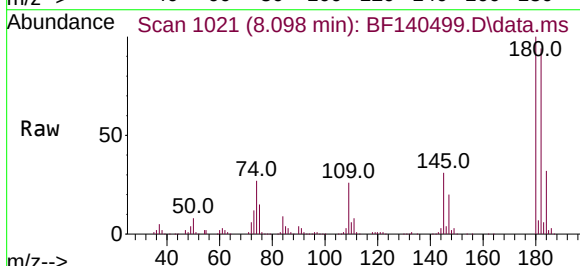
Tgt Ion:162 Resp: 300820
Ion Ratio Lower Upper
162 100
164 64.8 45.4 85.4
98 39.7 19.9 59.9

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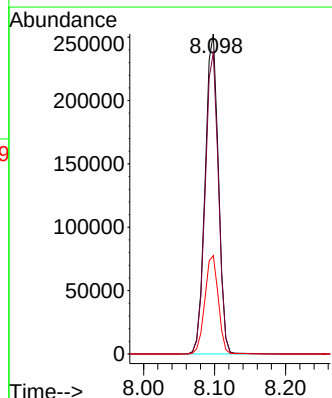
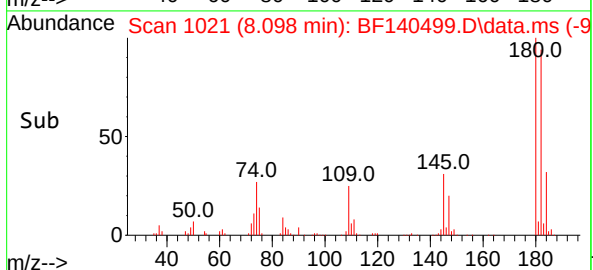
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

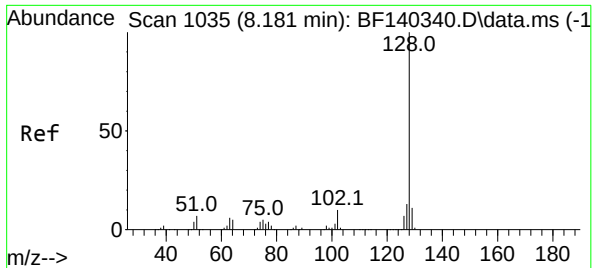


#30
1,2,4-Trichlorobenzene
Concen: 41.680 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34



Tgt Ion:180 Resp: 328809
Ion Ratio Lower Upper
180 100
182 94.1 76.5 114.7
145 30.8 25.3 37.9





#31

Naphthalene

Concen: 41.007 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 105055

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

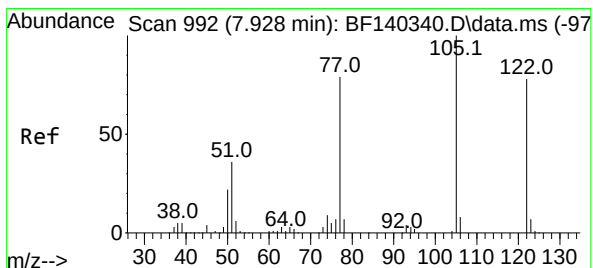
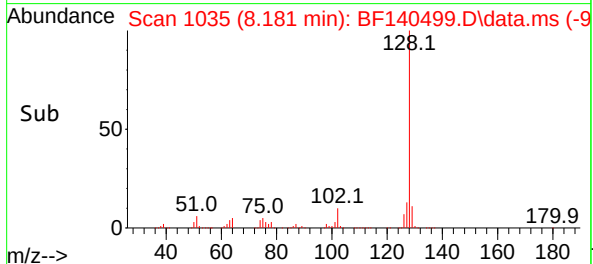
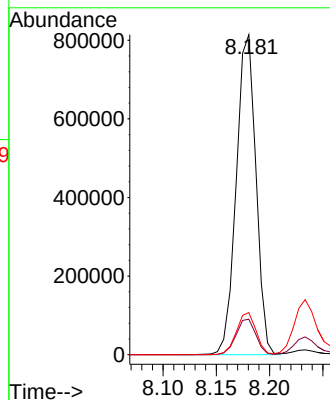
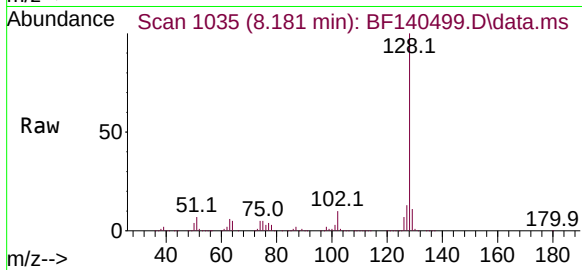
127 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#32

Benzoic acid

Concen: 43.064 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.012 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

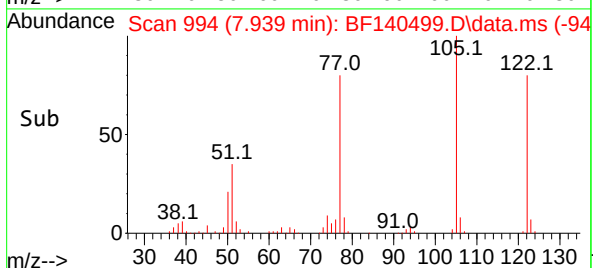
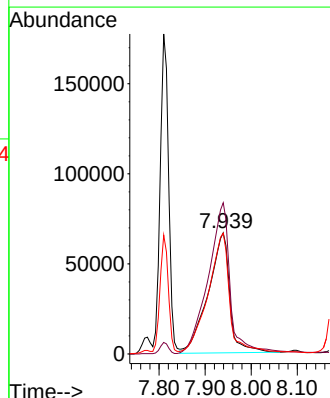
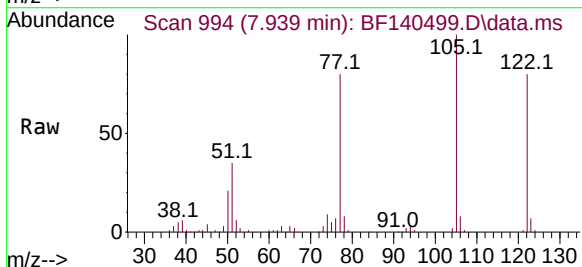
Tgt Ion:122 Resp: 217259

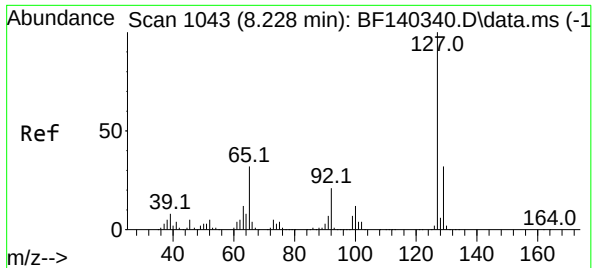
Ion Ratio Lower Upper

122 100

105 124.9 100.9 140.9

77 99.8 76.0 116.0





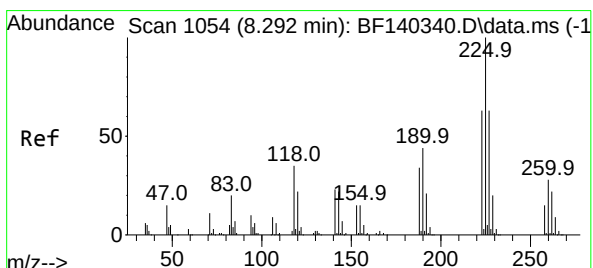
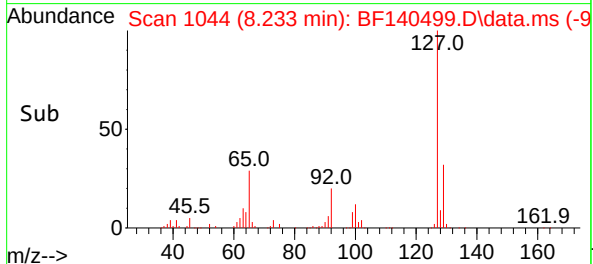
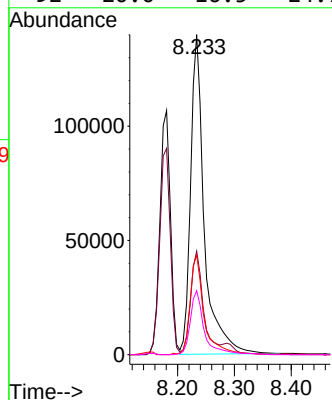
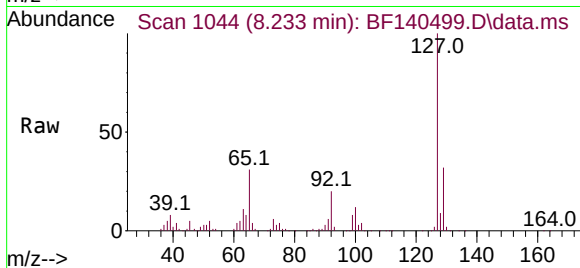
#33
4-Chloroaniline
Concen: 26.284 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 23417
Ion Ratio Lower Upper
127 100
129 32.4 26.2 39.4
65 31.1 25.8 38.6
92 20.0 16.5 24.7

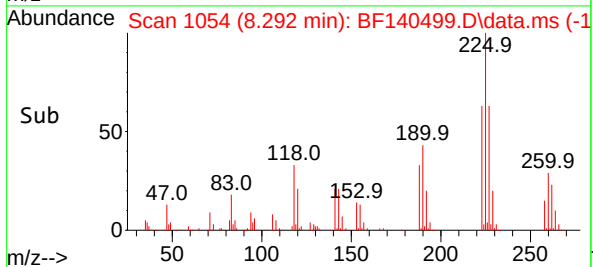
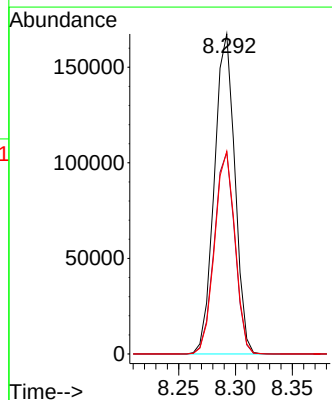
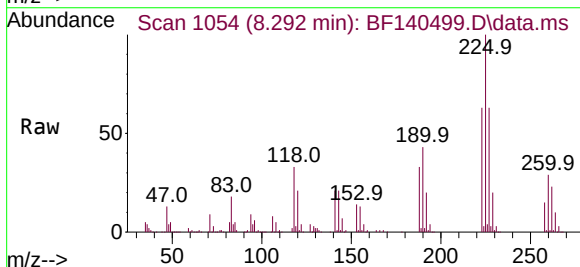
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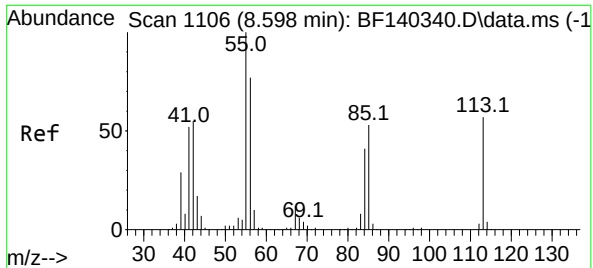
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#34
Hexachlorobutadiene
Concen: 41.796 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

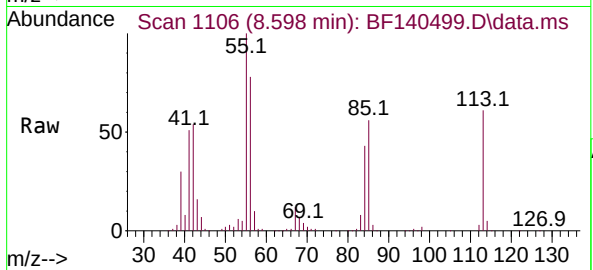
Tgt Ion:225 Resp: 210080
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 63.3 51.3 76.9





#35
Caprolactam
Concen: 41.314 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

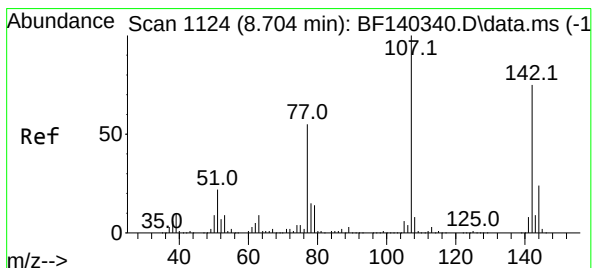
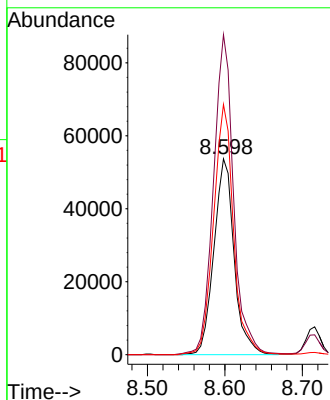
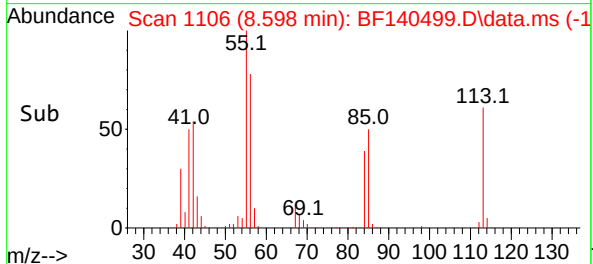
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 97298
Ion Ratio Lower Upper
113 100
55 163.3 150.0 190.0
56 127.8 111.1 151.1

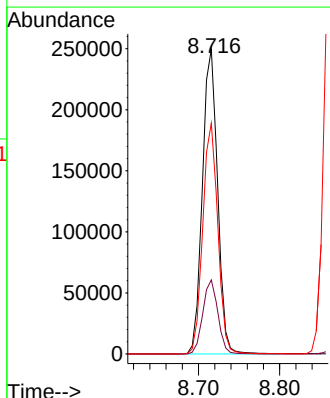
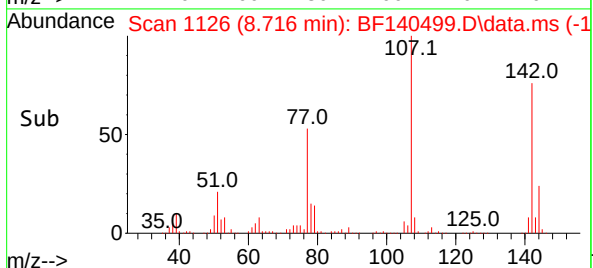
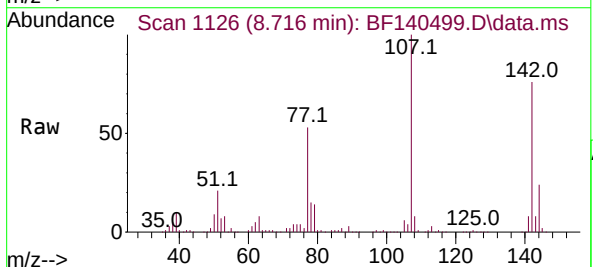
Manual Integrations
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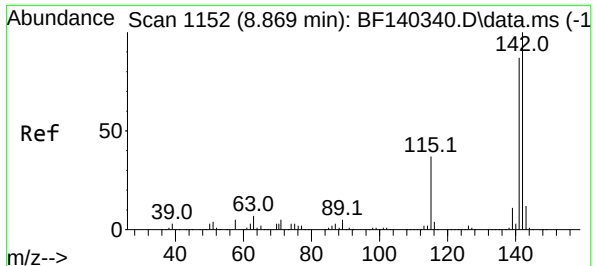
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#36
4-Chloro-3-methylphenol
Concen: 41.256 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

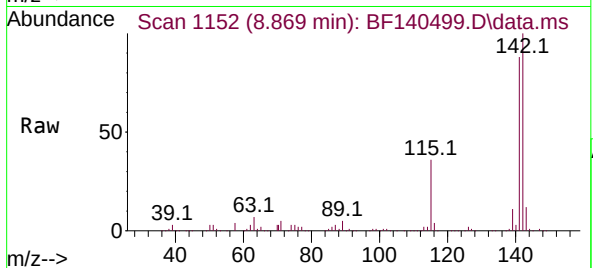
Tgt Ion:107 Resp: 323958
Ion Ratio Lower Upper
107 100
144 24.3 19.3 28.9
142 75.7 59.4 89.0





#37
2-Methylnaphthalene
Concen: 40.448 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

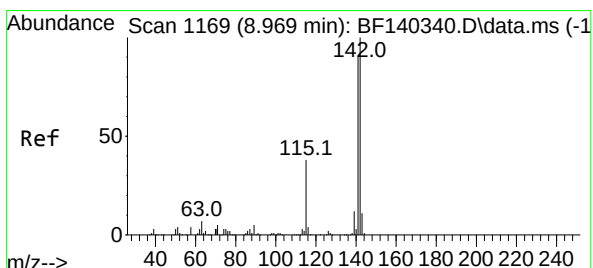
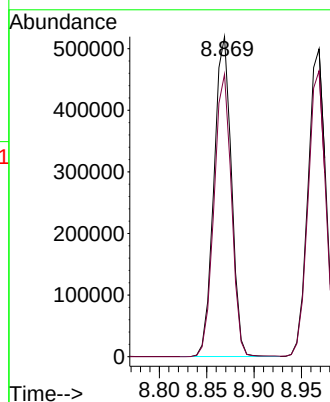
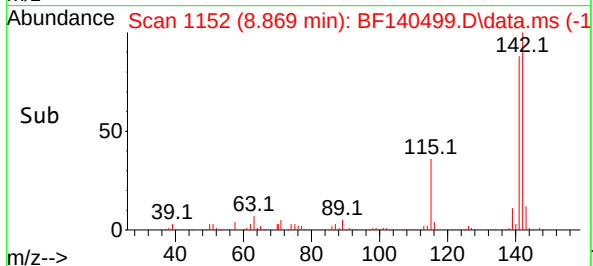
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:142 Resp: 664450
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6

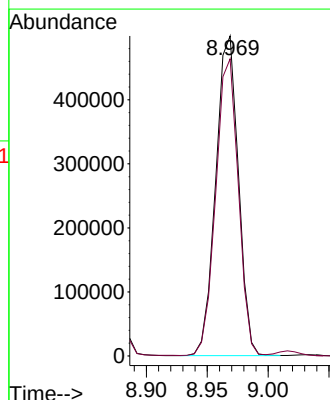
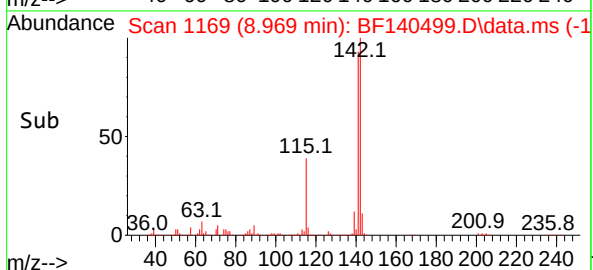
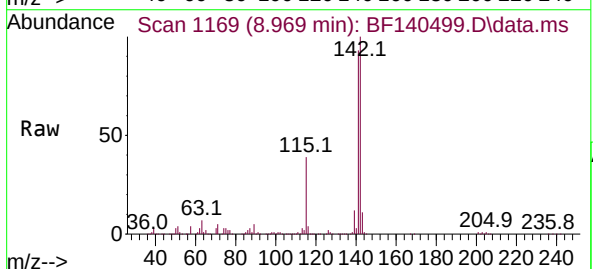
Manual Integrations
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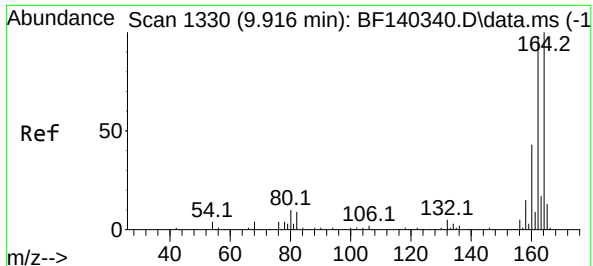
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#38
1-Methylnaphthalene
Concen: 40.200 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:142 Resp: 646666
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:164 Resp: 281514

Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.8

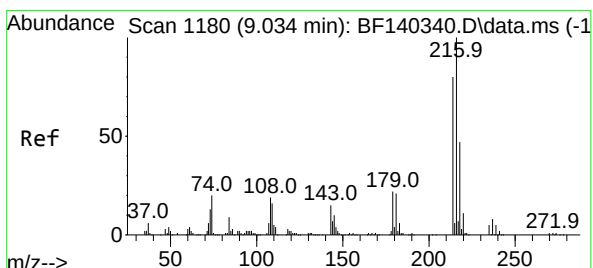
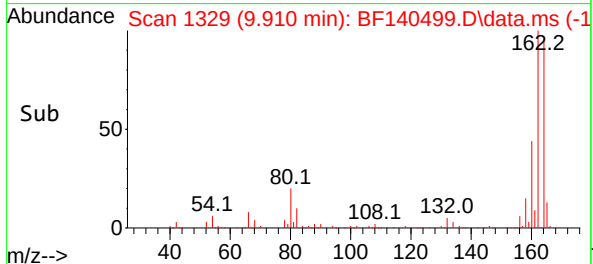
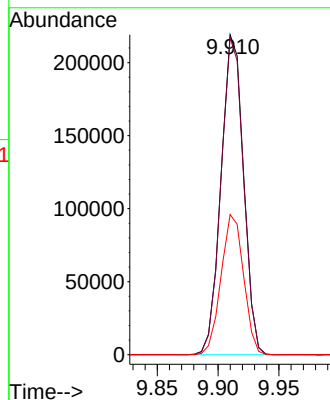
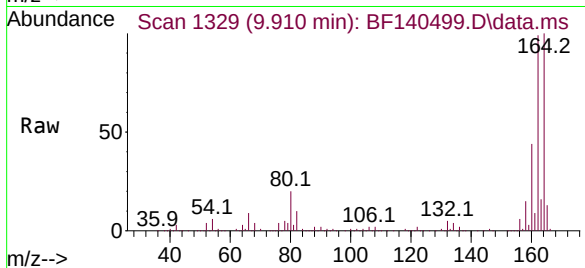
160 43.8 35.4 53.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.475 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Tgt Ion:216 Resp: 322871

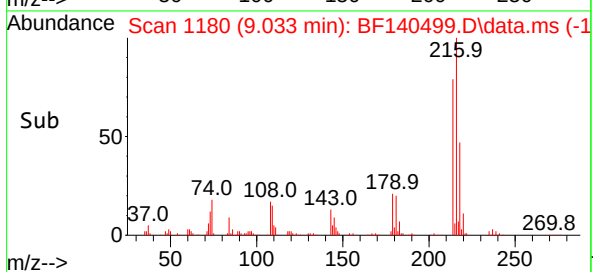
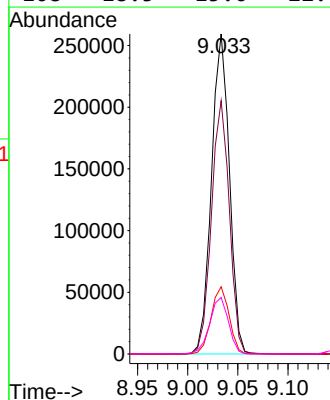
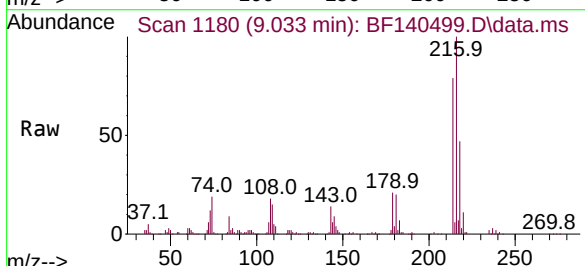
Ion Ratio Lower Upper

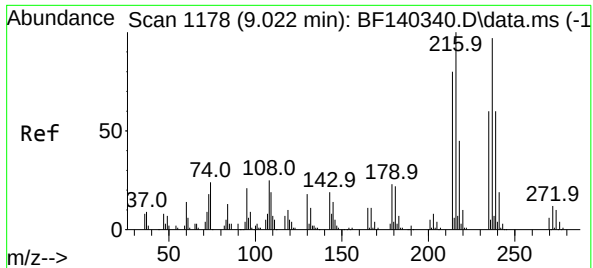
216 100

214 79.0 63.2 94.8

179 21.0 17.2 25.8

108 18.5 15.0 22.4





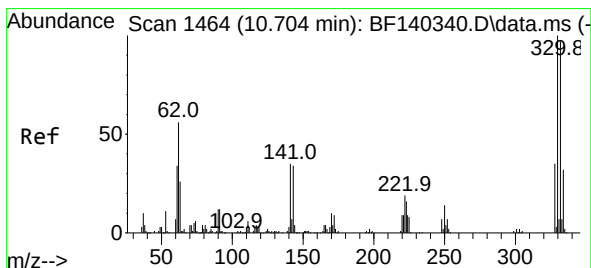
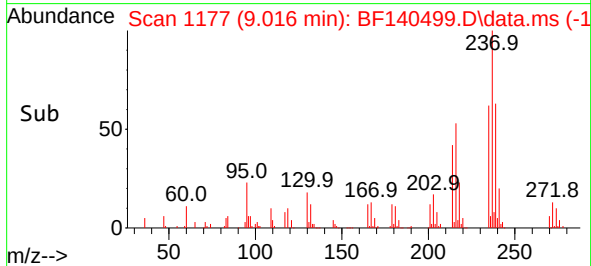
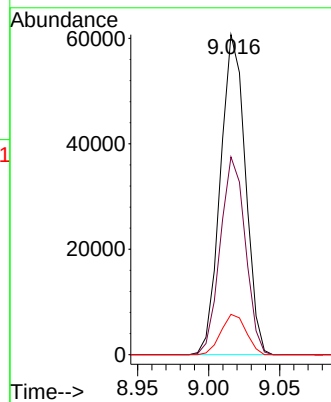
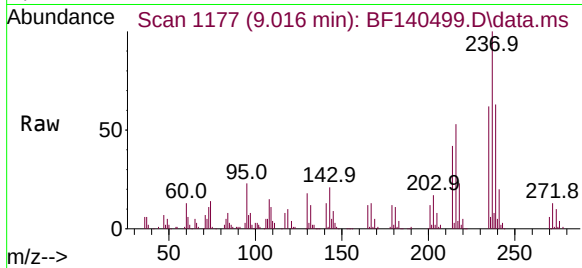
#41
Hexachlorocyclopentadiene
Concen: 37.140 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 74235
Ion Ratio Lower Upper
237 100
235 61.8 42.8 82.8
272 12.6 0.0 33.1

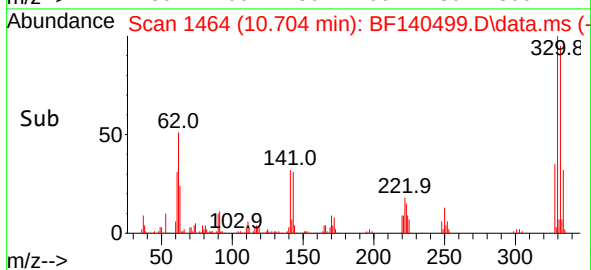
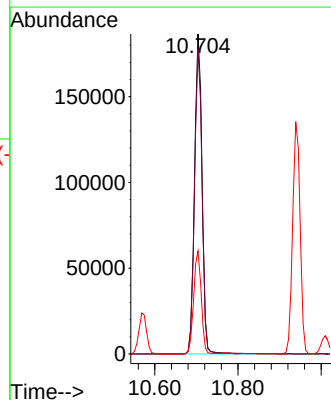
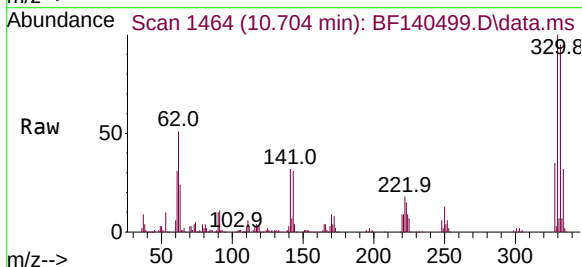
Manual Integrations
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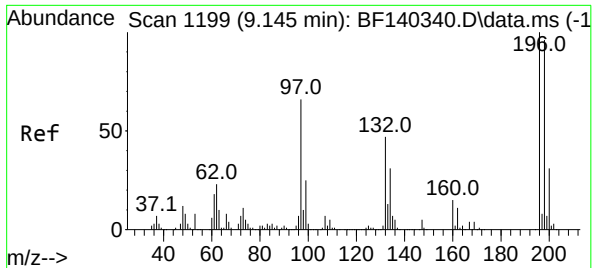
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#42
2,4,6-Tribromophenol
Concen: 83.568 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:330 Resp: 233944
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 32.4 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 41.856 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

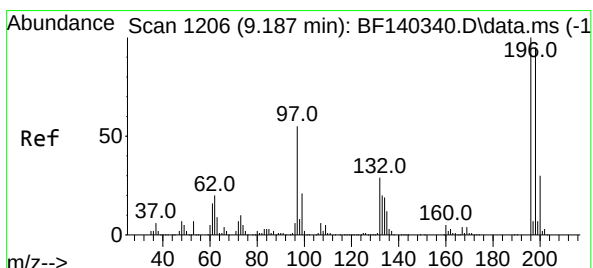
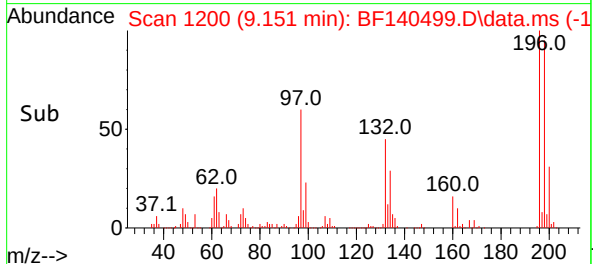
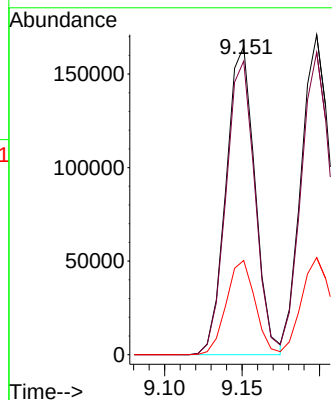
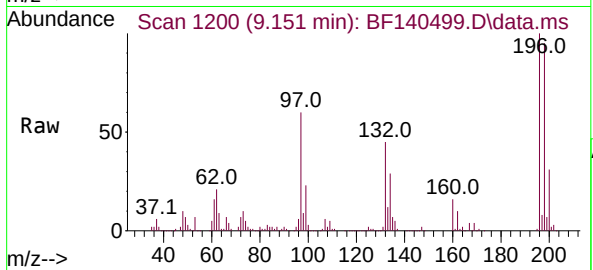
ClientSampleId :

SSTDCCC040EC

Tgt Ion	196	198	200
Resp	21383	95.3	30.6
Lower		77.0	24.2
Upper		115.4	36.4

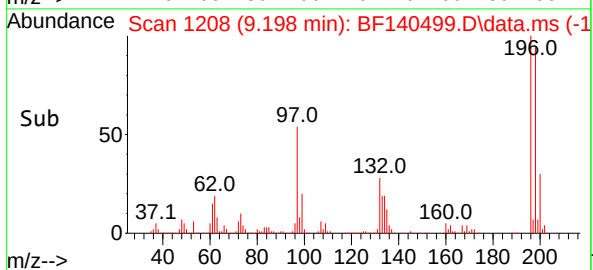
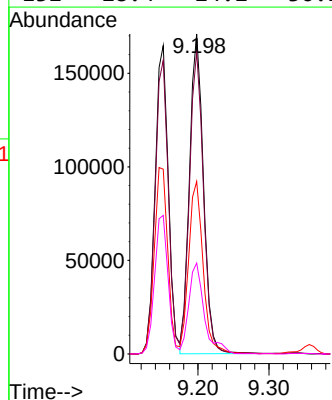
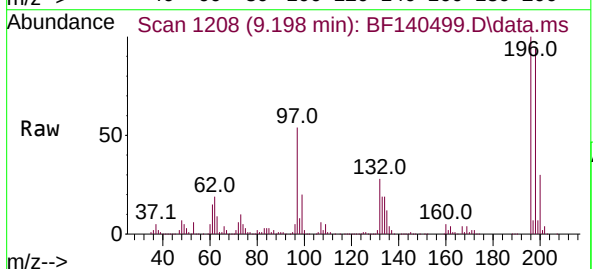
Manual Integrations
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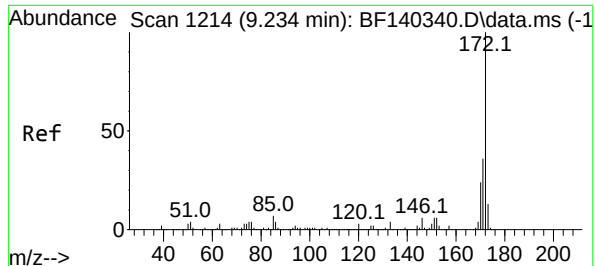
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#44
2,4,5-Trichlorophenol
Concen: 41.996 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion	196	198	97	132
Resp	234576	94.5	53.9	28.4
Lower		77.6	45.4	24.2
Upper		116.4	68.2	36.2





#45

2-Fluorobiphenyl

Concen: 80.794 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 141487

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

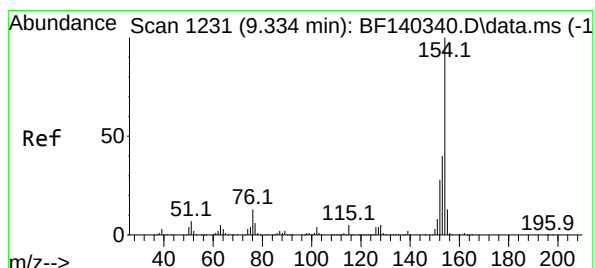
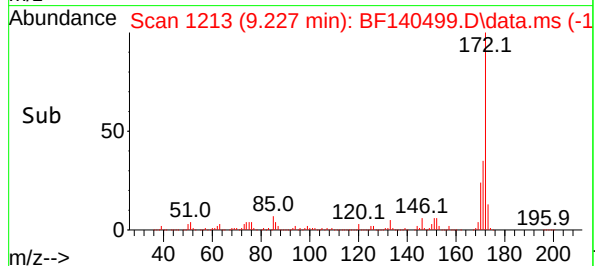
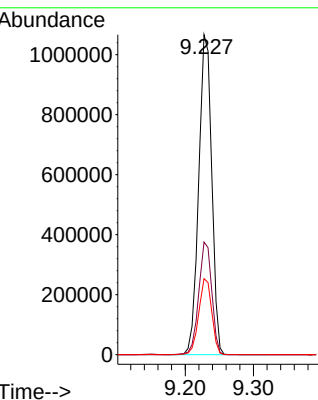
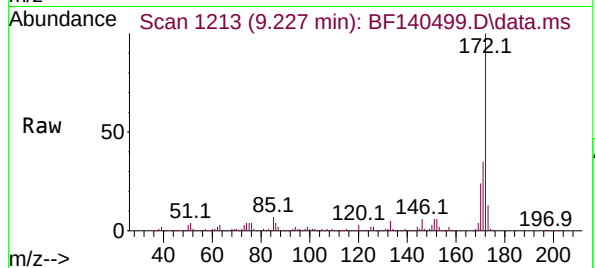
170 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#46

1,1'-Biphenyl

Concen: 40.393 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

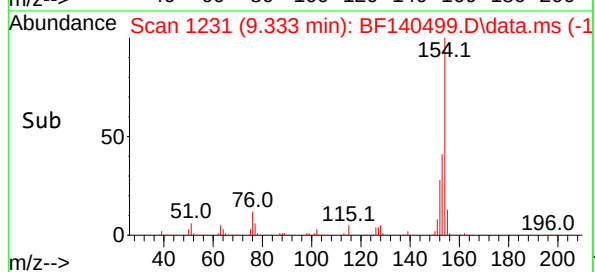
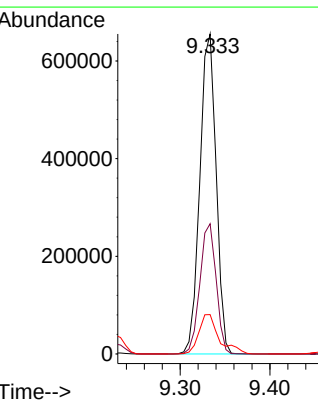
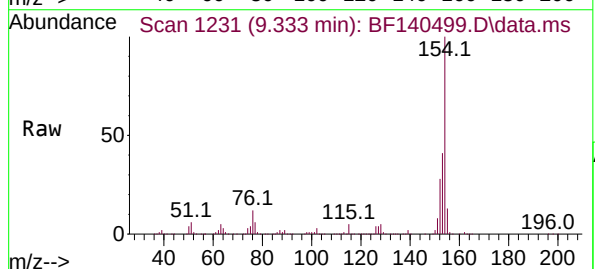
Tgt Ion:154 Resp: 827252

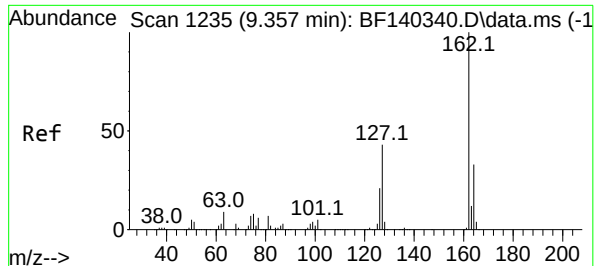
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 12.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.636 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 63395

Ion Ratio Lower Upper

162 100

127 43.4 34.0 51.0

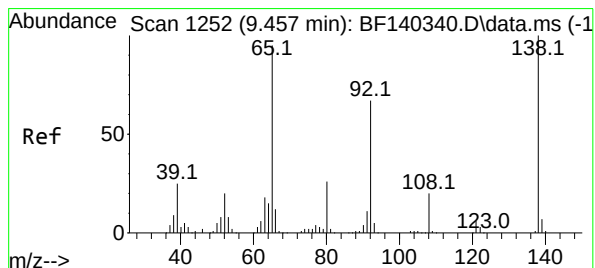
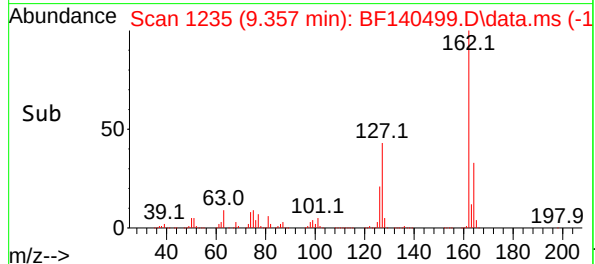
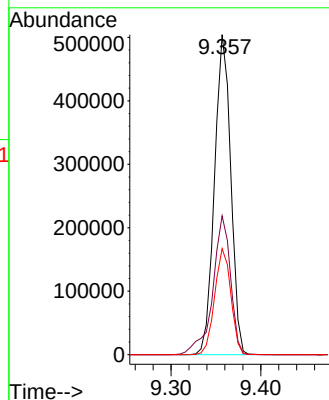
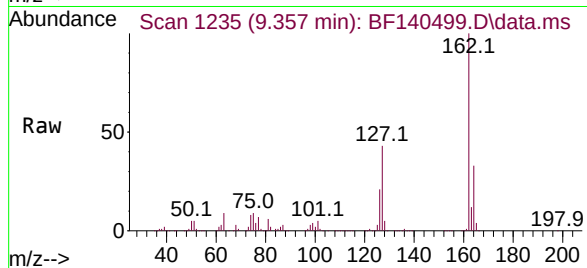
164 33.2 26.5 39.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#48

2-Nitroaniline

Concen: 40.543 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

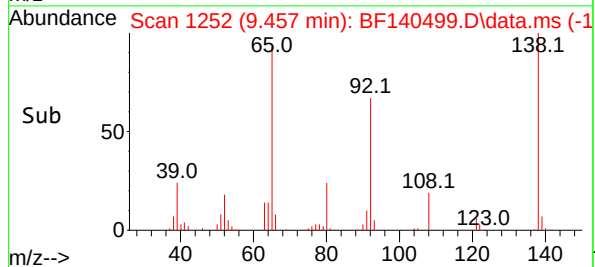
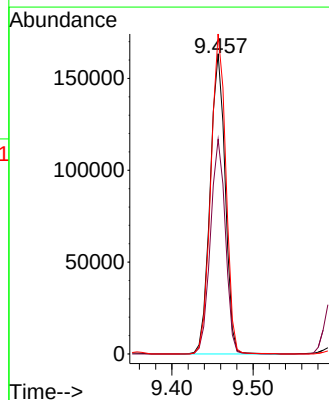
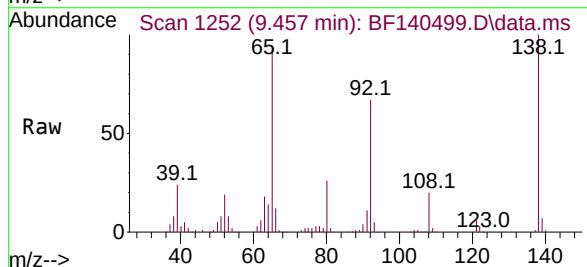
Tgt Ion: 65 Resp: 209767

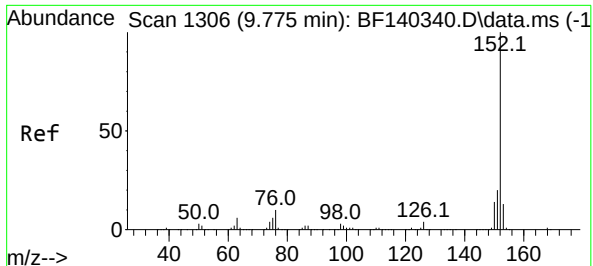
Ion Ratio Lower Upper

65 100

92 71.5 56.4 84.6

138 106.5 84.8 127.2





#49

Acenaphthylene

Concen: 40.908 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:152 Resp: 96559

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

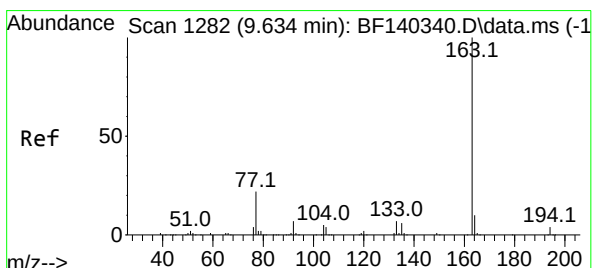
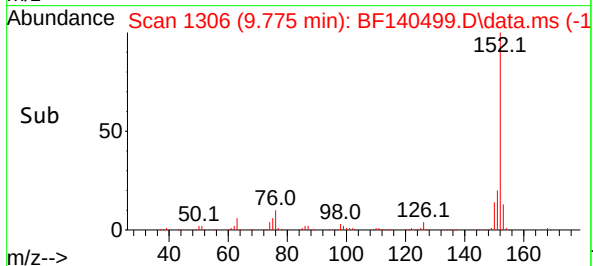
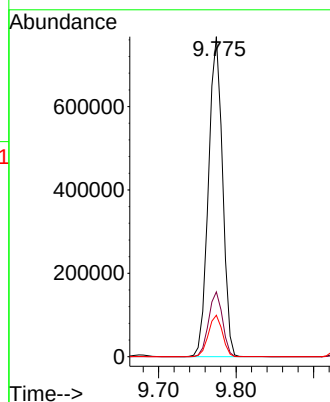
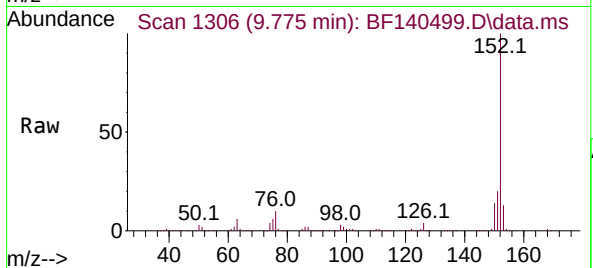
153 13.0 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#50

Dimethylphthalate

Concen: 40.737 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

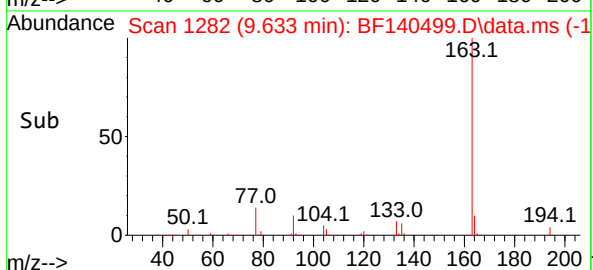
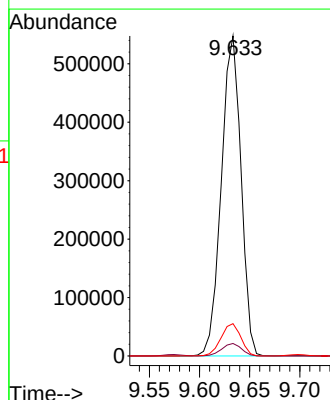
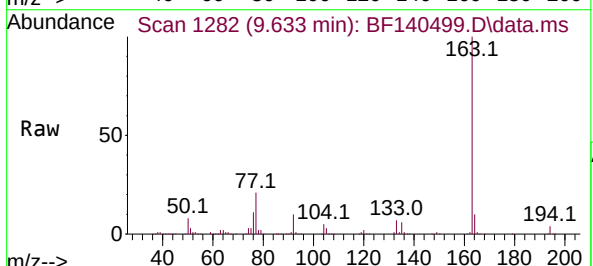
Tgt Ion:163 Resp: 747490

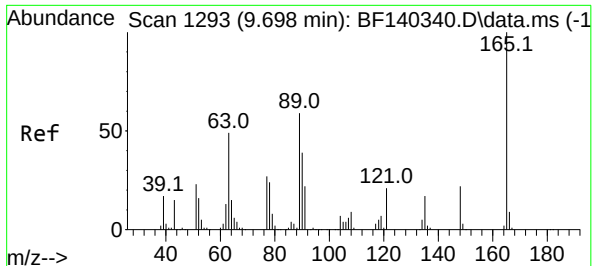
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

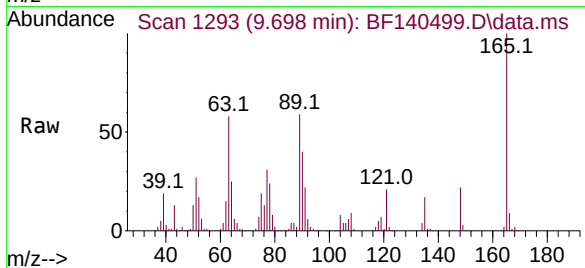
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.459 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

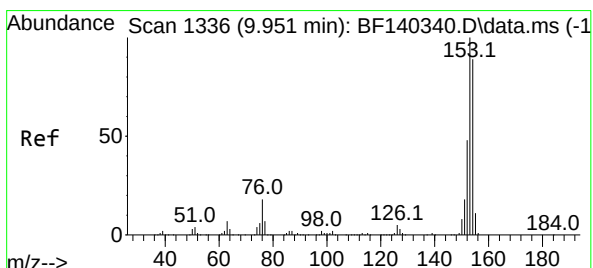
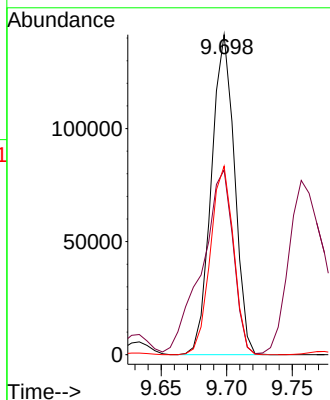
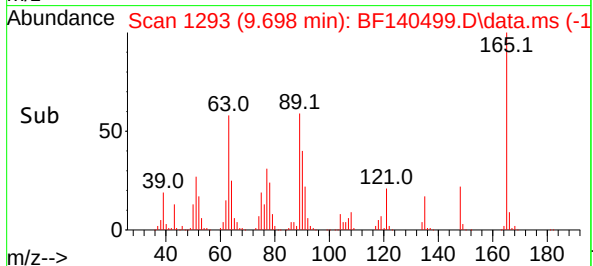
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 17343
Ion Ratio Lower Upper
165 100
63 57.7 47.6 71.4
89 58.9 48.1 72.1

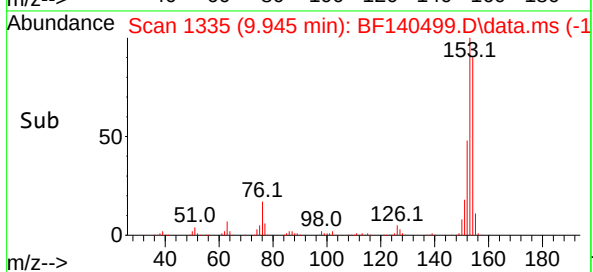
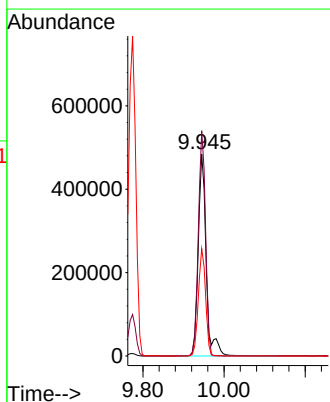
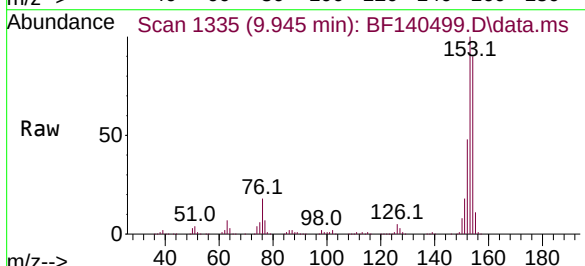
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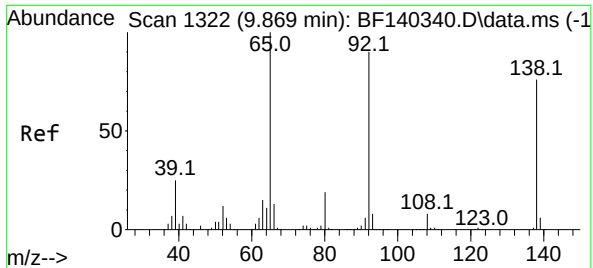
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#52
Acenaphthene
Concen: 41.728 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:154 Resp: 665249
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 53.1 42.6 64.0





#53

3-Nitroaniline

Concen: 39.705 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:138 Resp: 174429

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

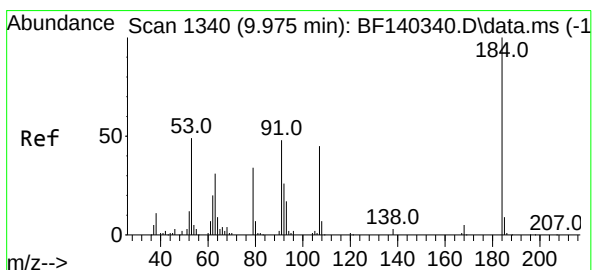
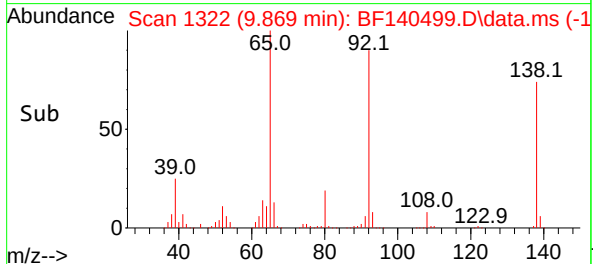
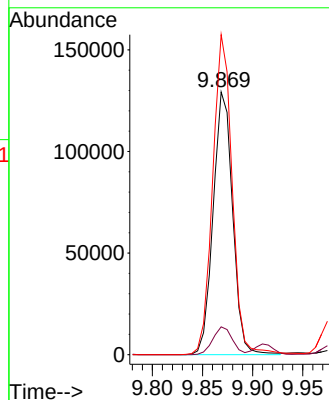
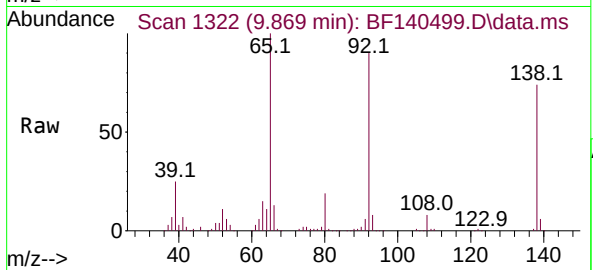
92 121.8 95.5 143.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#54

2,4-Dinitrophenol

Concen: 44.335 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

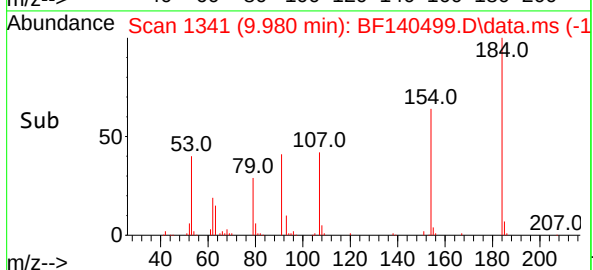
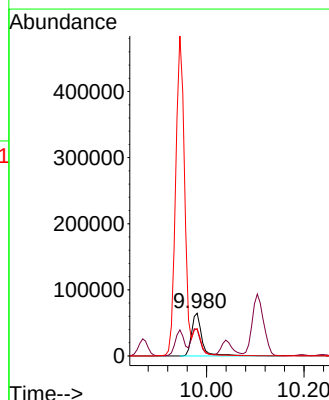
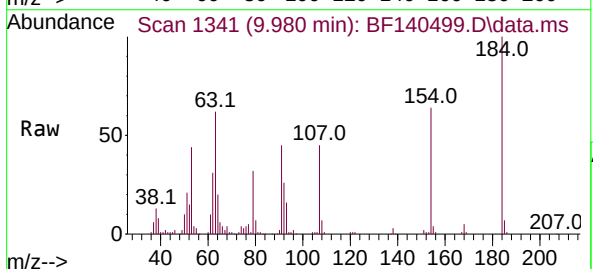
Tgt Ion:184 Resp: 95639

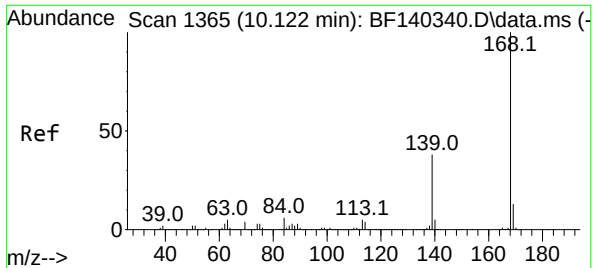
Ion Ratio Lower Upper

184 100

63 61.6 53.5 80.3

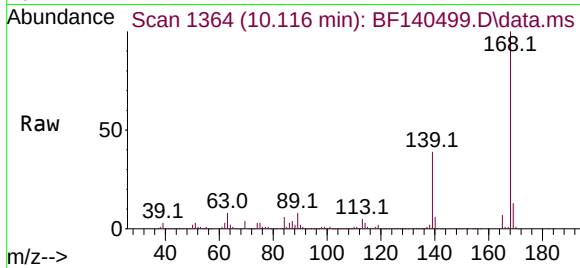
154 64.0 51.3 76.9





#55
Dibenzenofuran
Concen: 40.880 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

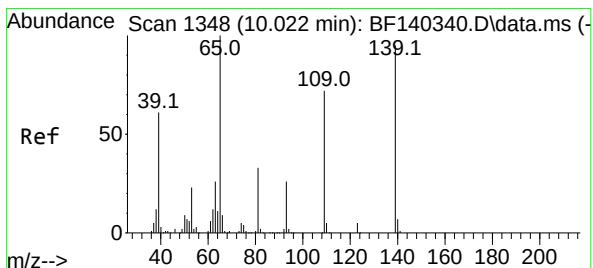
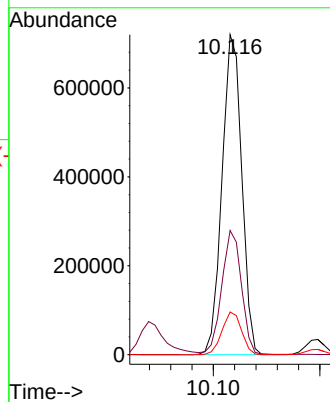
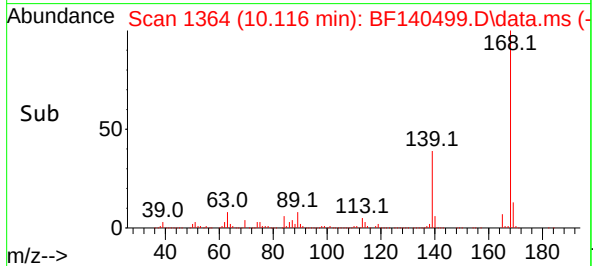
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



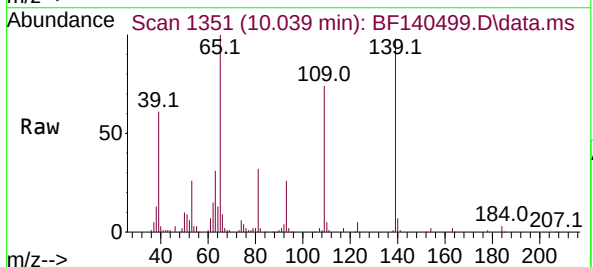
Tgt Ion:168 Resp: 92261
Ion Ratio Lower Upper
168 100
139 38.8 30.8 46.2
169 13.3 10.8 16.2

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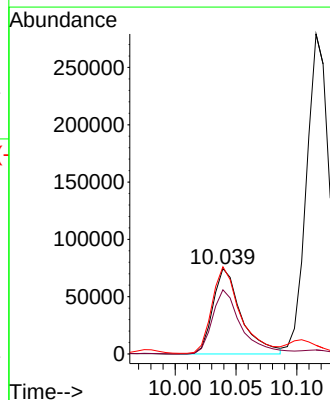
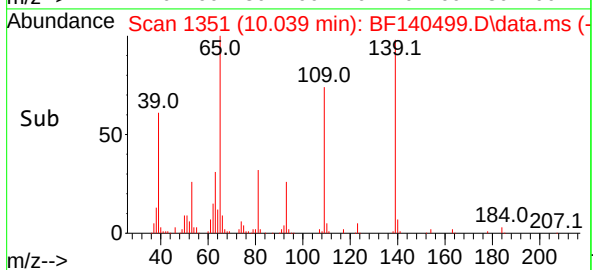
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

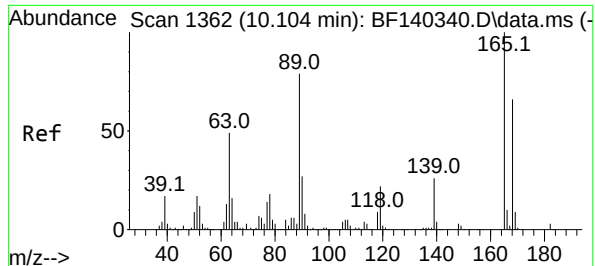


#56
4-Nitrophenol
Concen: 37.712 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.017 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34



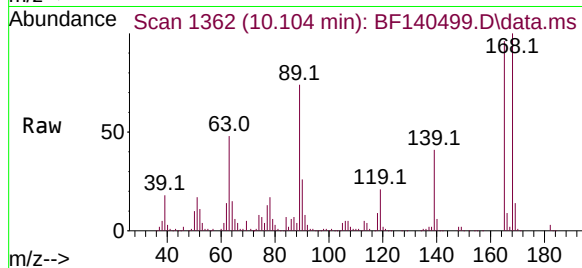
Tgt Ion:139 Resp: 120846
Ion Ratio Lower Upper
139 100
109 75.1 54.5 94.5
65 102.1 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 42.160 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

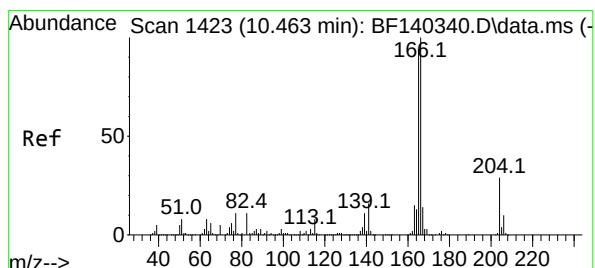
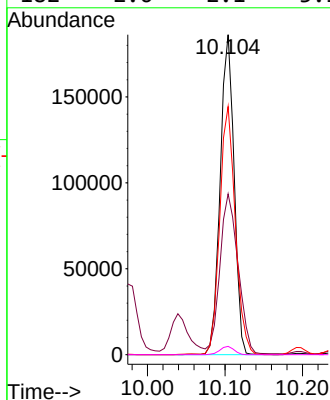
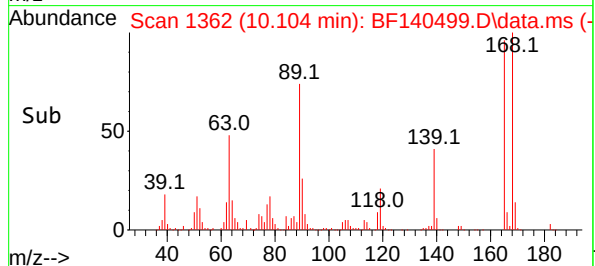
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 232114
Ion Ratio Lower Upper
165 100
63 50.2 39.4 59.0
89 77.6 62.4 93.6
182 2.6 2.1 3.1

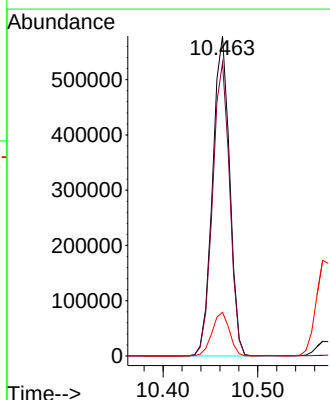
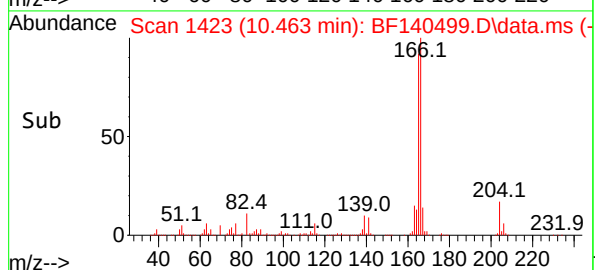
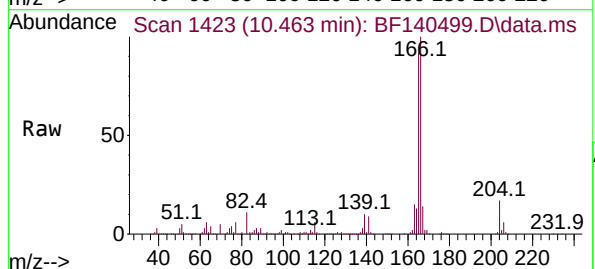
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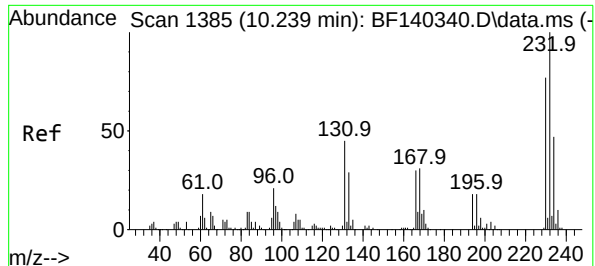
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#58
Fluorene
Concen: 40.595 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:166 Resp: 723765
Ion Ratio Lower Upper
166 100
165 91.7 73.9 110.9
167 13.6 10.9 16.3





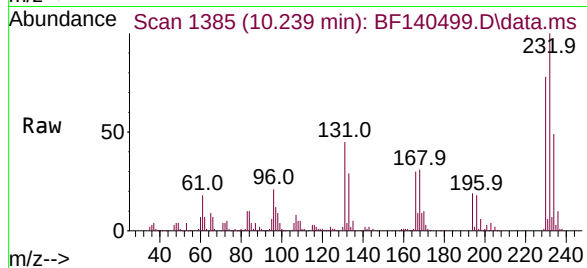
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.353 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



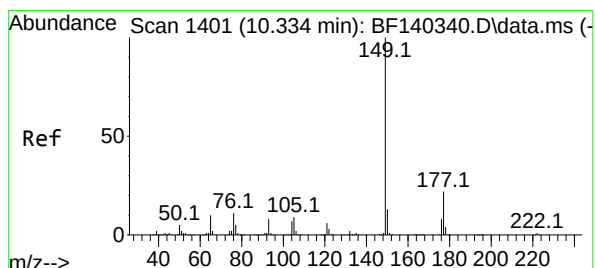
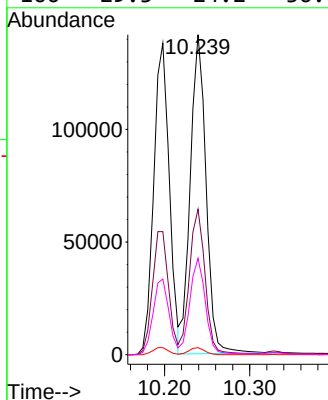
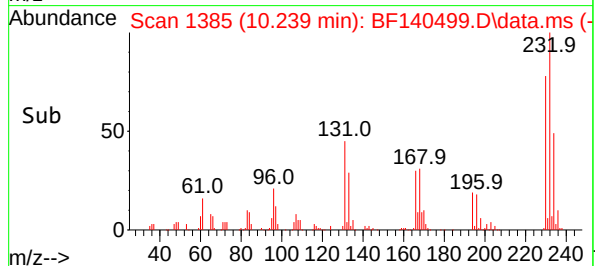
Tgt Ion:232 Resp: 18238
Ion Ratio Lower Upper
232 100
131 45.4 36.8 55.2
130 2.2 1.9 2.9
166 29.3 24.2 36.4

Manual Integrations

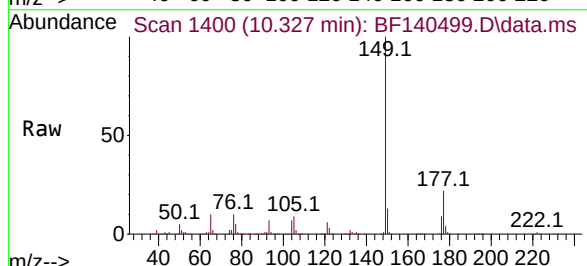
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

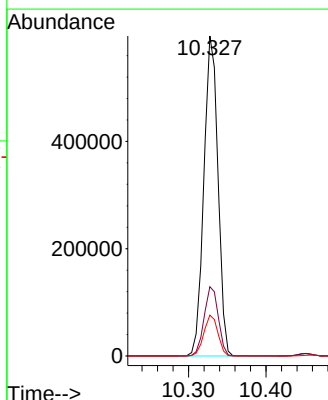
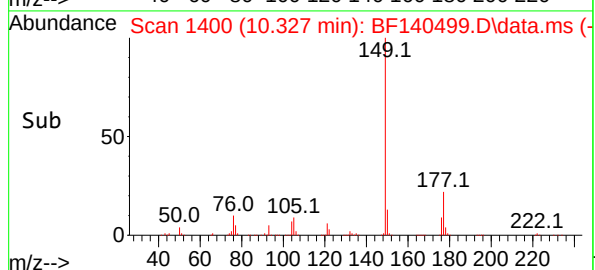
Supervised By :mohammad ahmed 11/22/2024

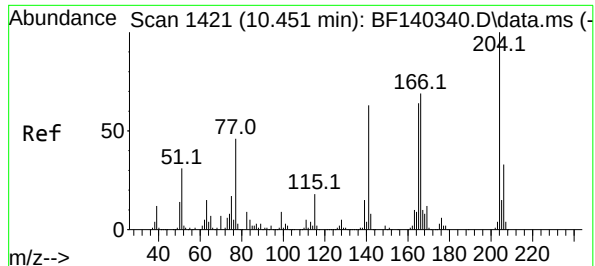


#60
Diethylphthalate
Concen: 40.147 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34



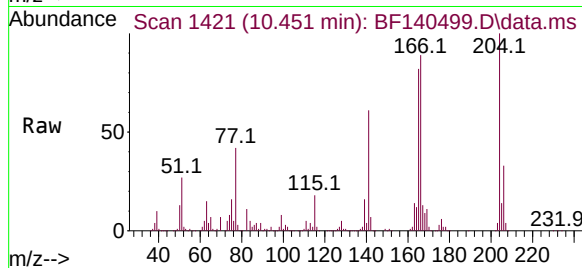
Tgt Ion:149 Resp: 753283
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.701 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

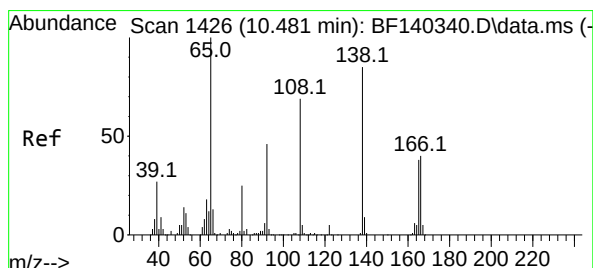
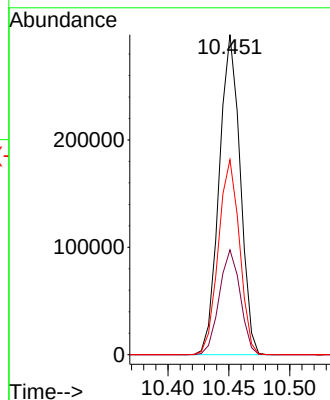
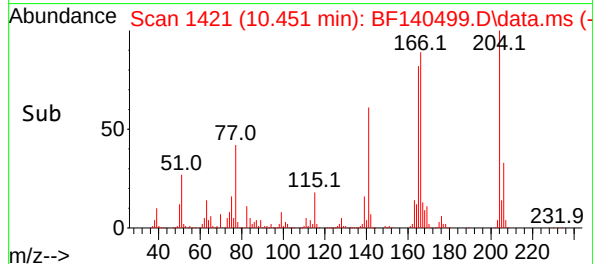
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 35825
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 61.0 49.8 74.8

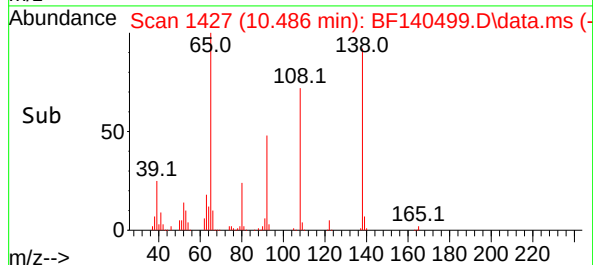
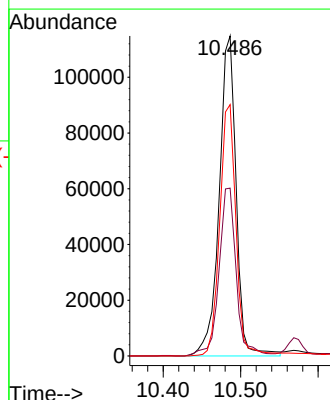
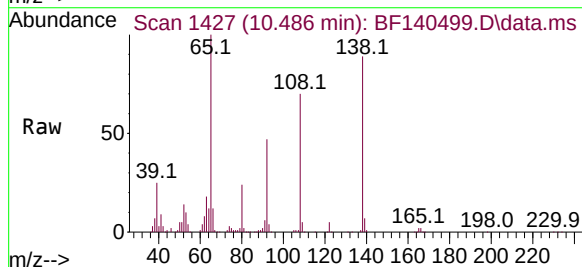
Manual Integrations
APPROVED

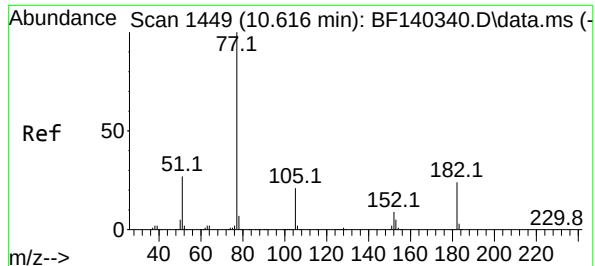
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#62
4-Nitroaniline
Concen: 38.940 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:138 Resp: 174915
Ion Ratio Lower Upper
138 100
92 52.4 33.8 73.8
108 78.5 59.9 99.9





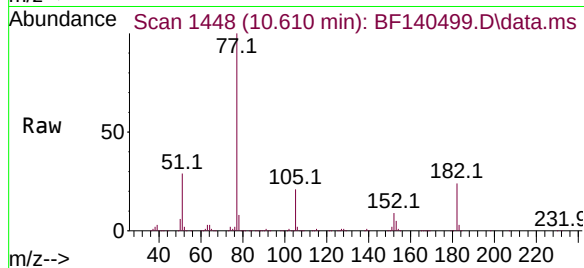
#63
Azobenzene
Concen: 39.259 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

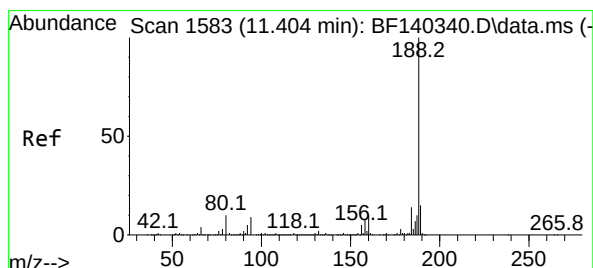
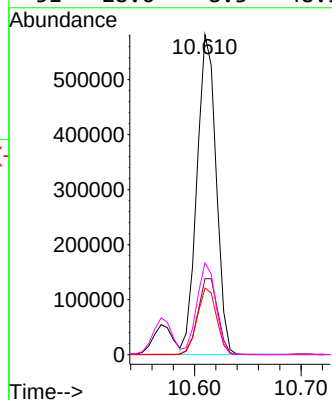
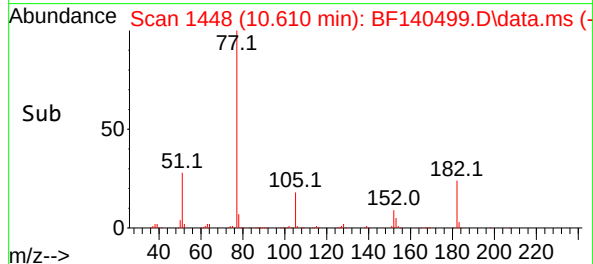
SSTDCCC040EC



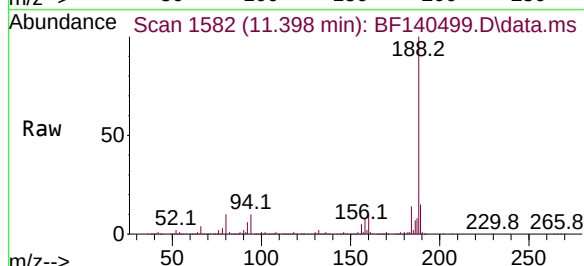
Tgt Ion: 77 Resp: 727819
Ion Ratio Lower Upper
77 100
182 23.8 4.6 44.6
105 20.9 0.9 40.9
51 28.6 8.3 48.3

Manual Integrations
APPROVED

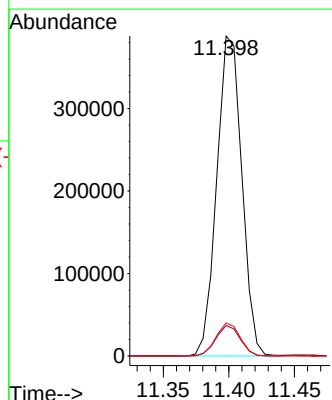
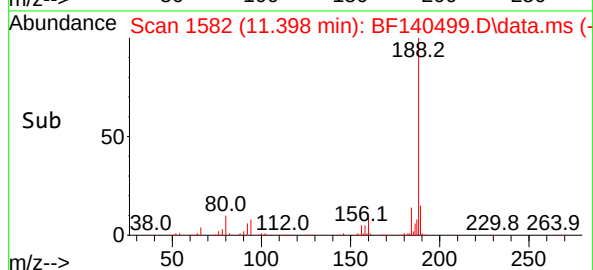
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

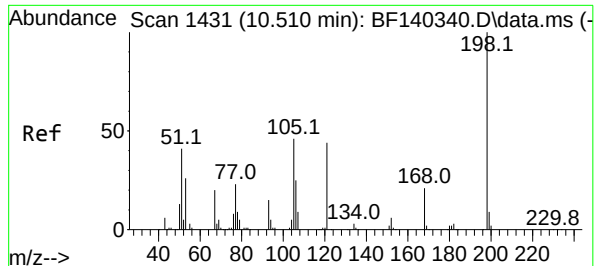


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34



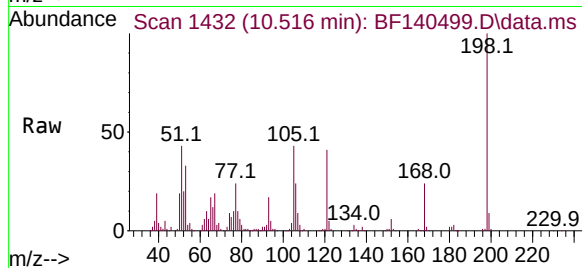
Tgt Ion:188 Resp: 514713
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 46.673 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

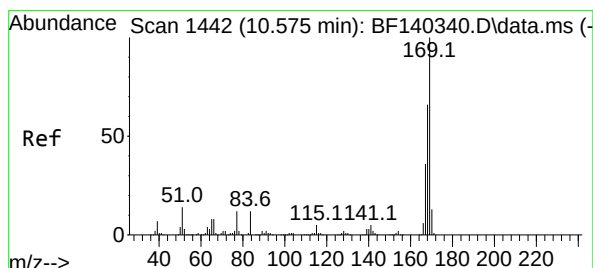
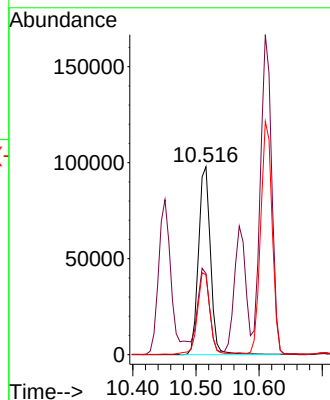
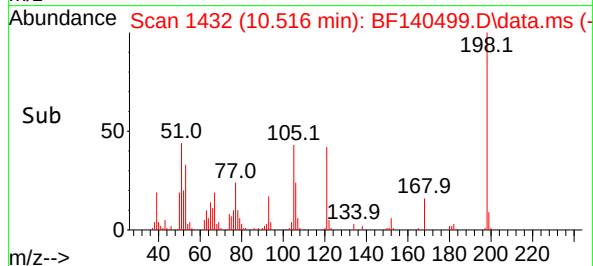
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:198 Resp: 12925
Ion Ratio Lower Upper
198 100
51 43.2 29.7 69.7
105 42.5 26.3 66.3

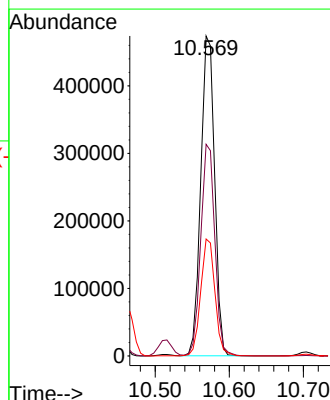
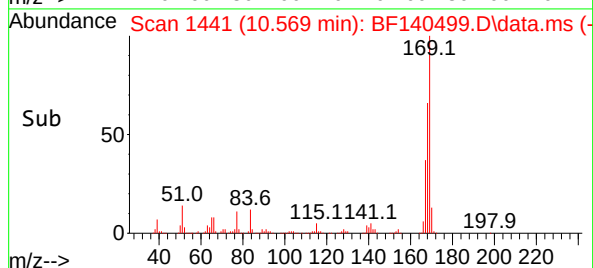
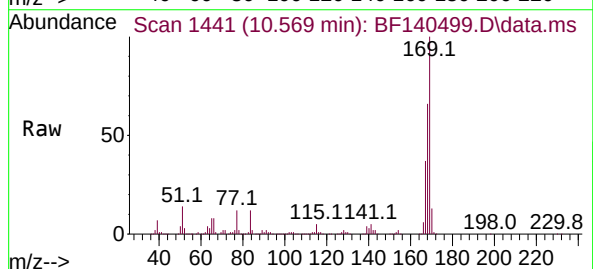
Manual Integrations
APPROVED

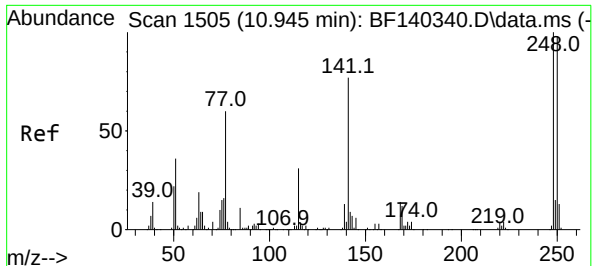
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#66
n-Nitrosodiphenylamine
Concen: 41.330 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

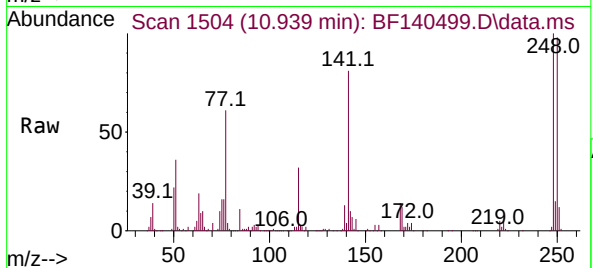
Tgt Ion:169 Resp: 614645
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.6 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 41.945 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

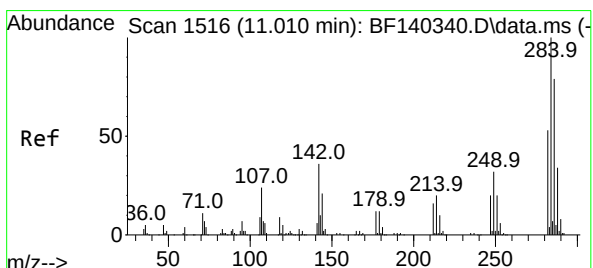
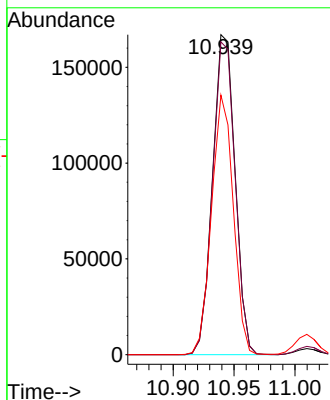
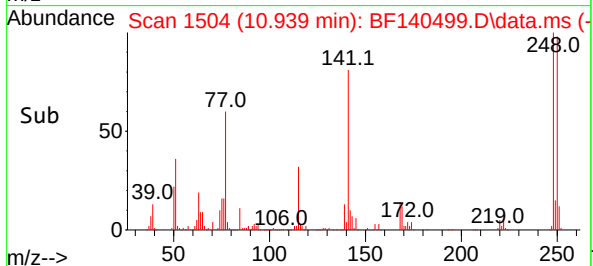
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



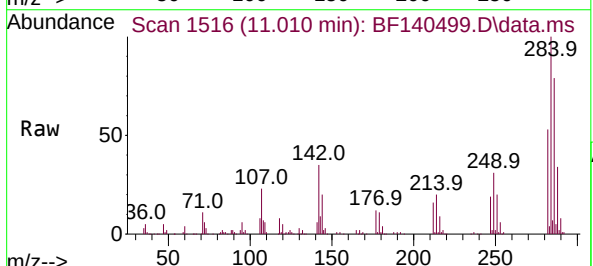
Tgt Ion:248 Resp: 215812
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 81.1 61.8 92.6

Manual Integrations
APPROVED

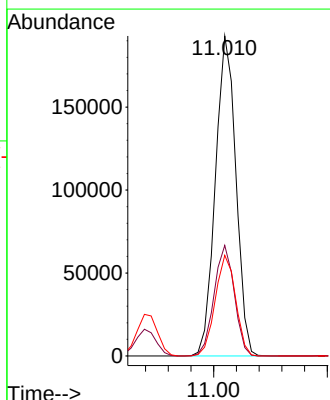
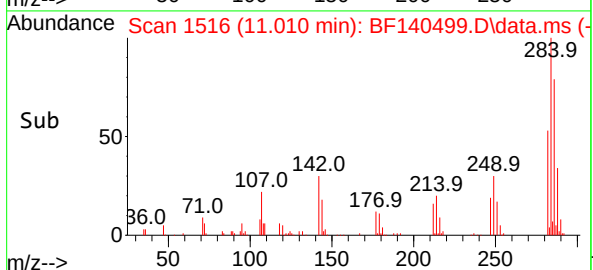
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

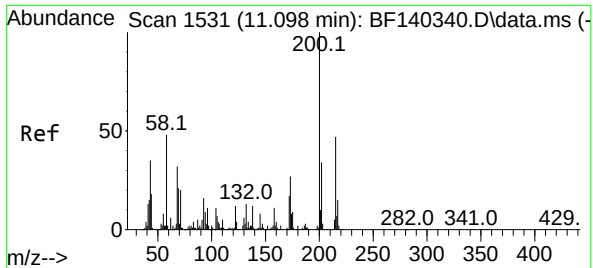


#68
Hexachlorobenzene
Concen: 41.818 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34



Tgt Ion:284 Resp: 242082
Ion Ratio Lower Upper
284 100
142 34.6 28.1 42.1
249 31.4 24.9 37.3





#69

Atrazine

Concen: 35.281 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 15874

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

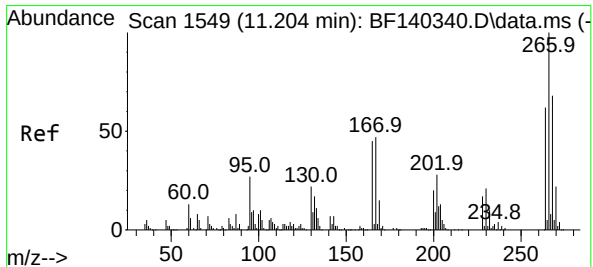
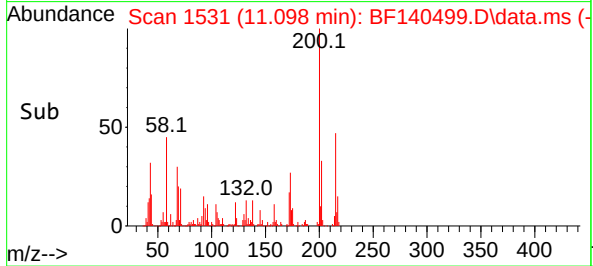
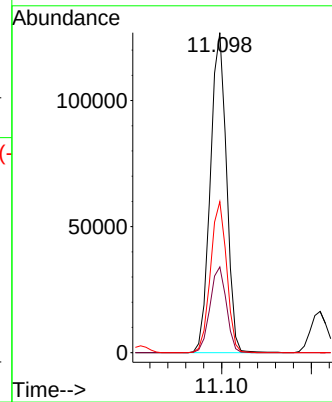
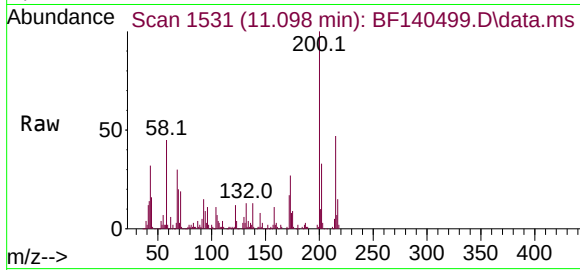
215 47.2 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#70

Pentachlorophenol

Concen: 39.256 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

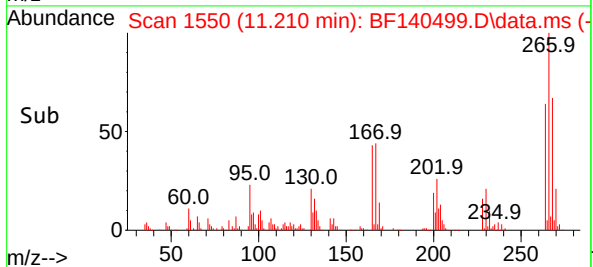
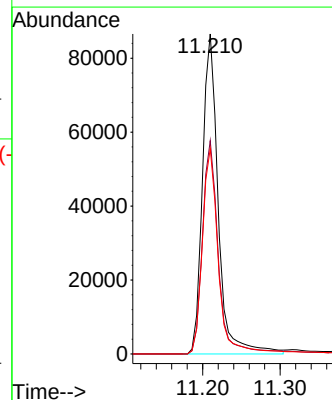
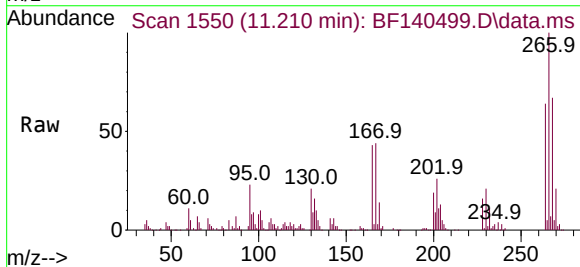
Tgt Ion:266 Resp: 122415

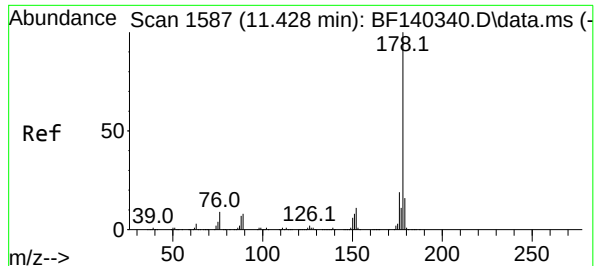
Ion Ratio Lower Upper

266 100

268 66.6 52.9 79.3

264 64.2 50.3 75.5





#71

Phenanthrene

Concen: 40.874 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 988280

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

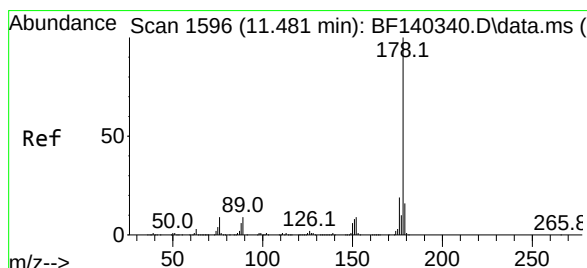
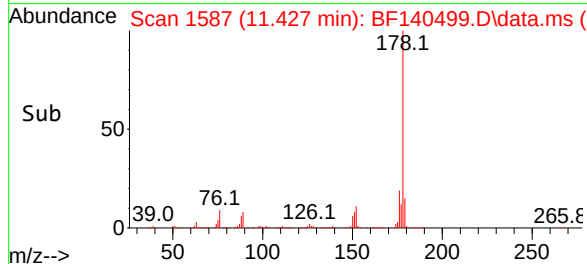
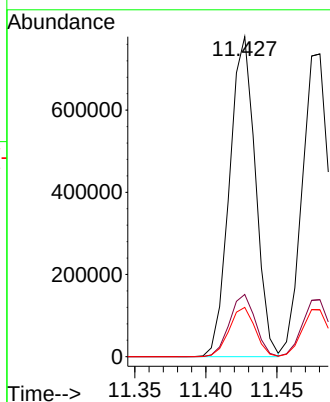
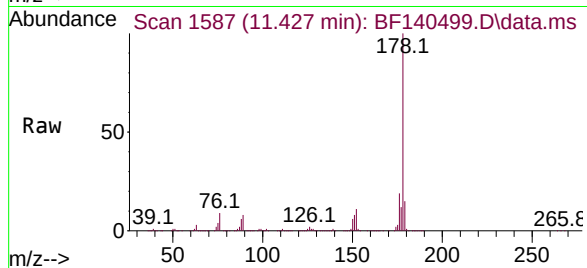
179 15.4 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#72

Anthracene

Concen: 41.053 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

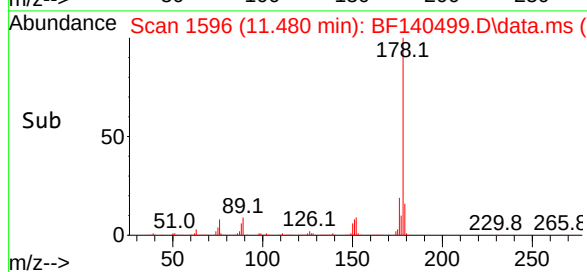
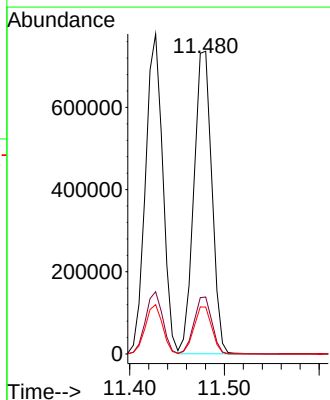
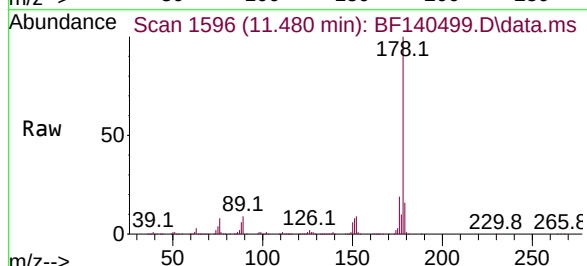
Tgt Ion:178 Resp: 972834

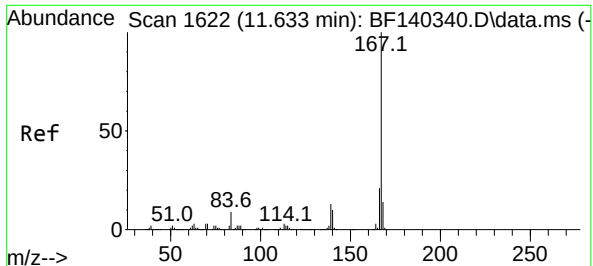
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

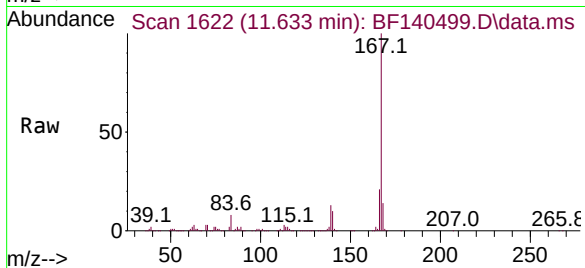
179 15.5 12.6 18.8





#73
Carbazole
Concen: 40.819 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

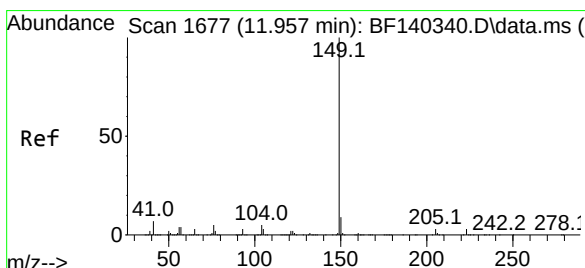
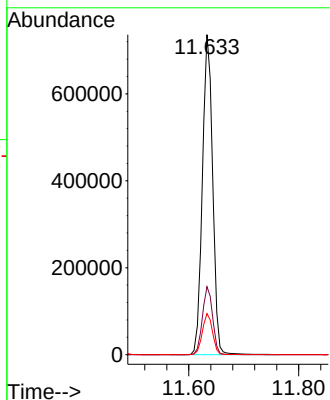
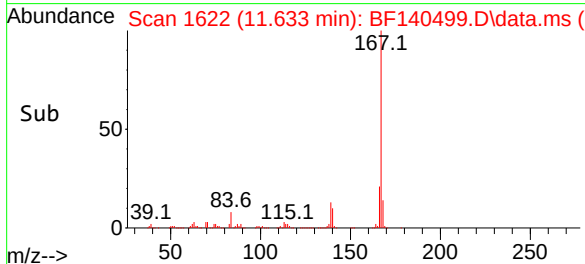
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:167 Resp: 95510
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.8 10.4 15.6

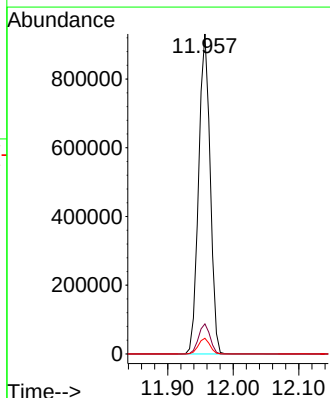
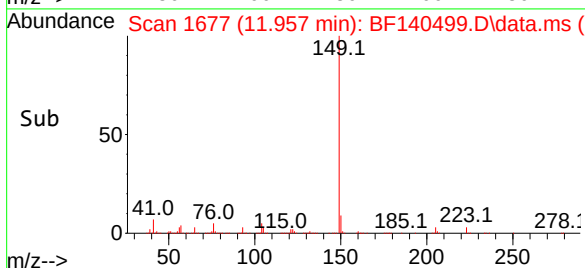
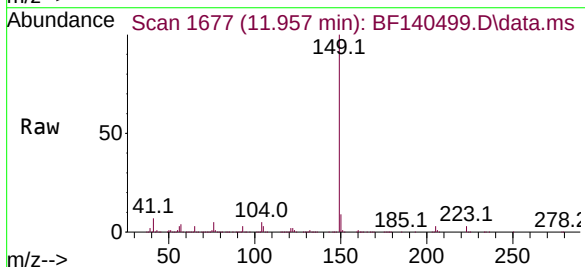
Manual Integrations
APPROVED

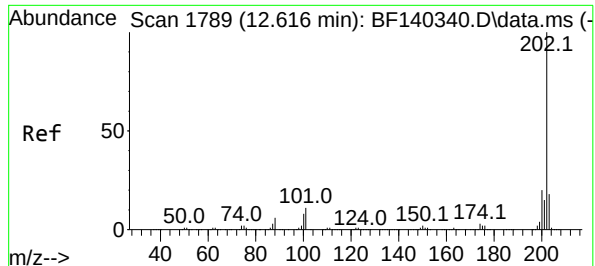
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#74
Di-n-butylphthalate
Concen: 40.615 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:149 Resp: 1140587
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 39.863 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDC040EC

Tgt Ion:202 Resp: 108134

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.7

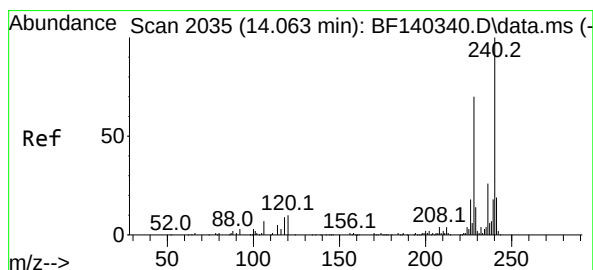
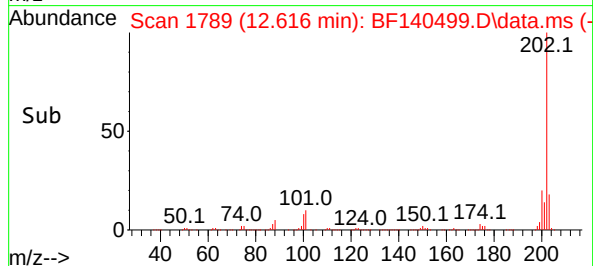
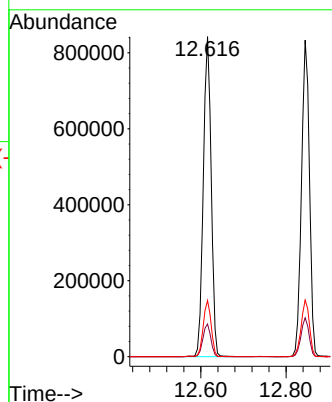
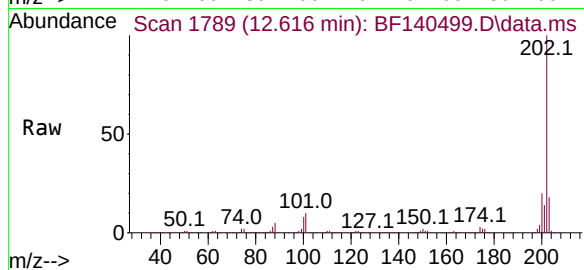
203 17.6 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

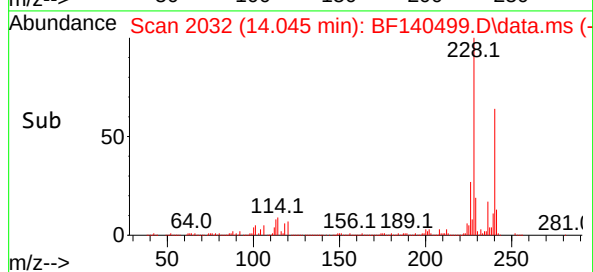
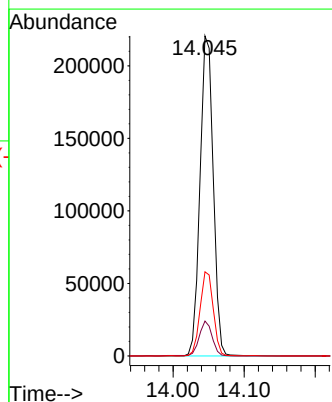
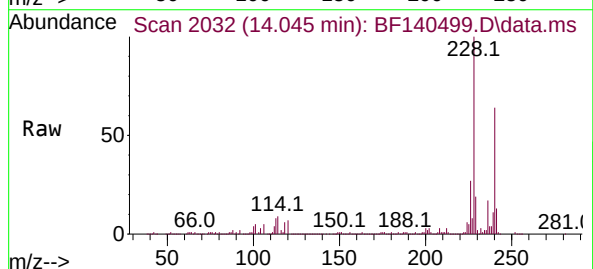
Tgt Ion:240 Resp: 286743

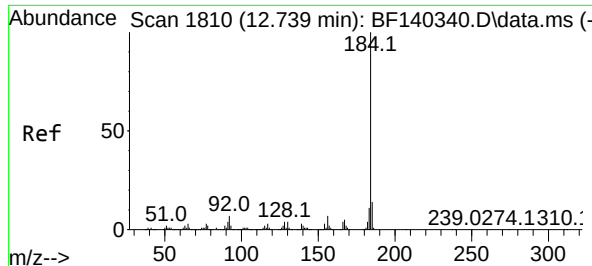
Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

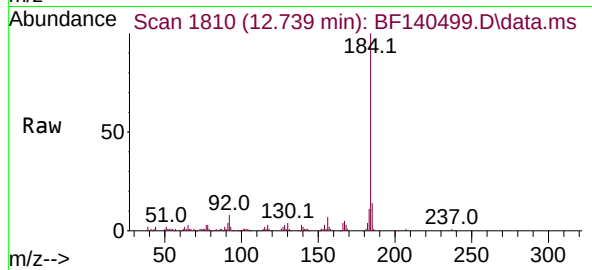
236 26.3 20.9 31.3





#77
Benzidine
Concen: 15.251 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

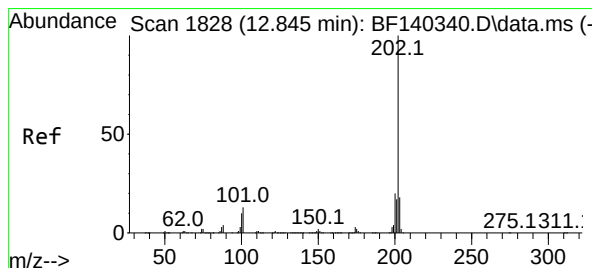
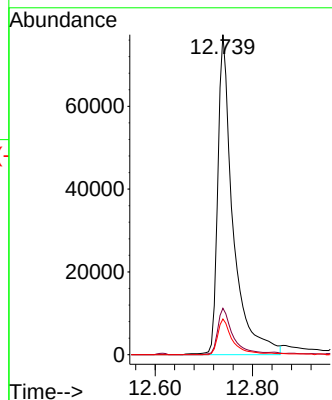
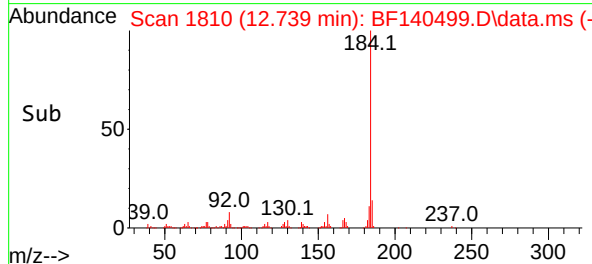
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:184 Resp: 16784
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.1 8.6 13.0

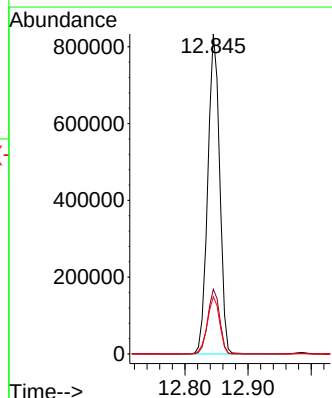
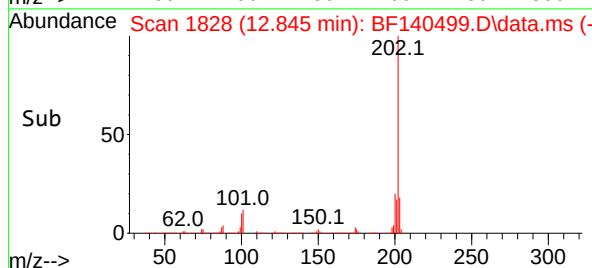
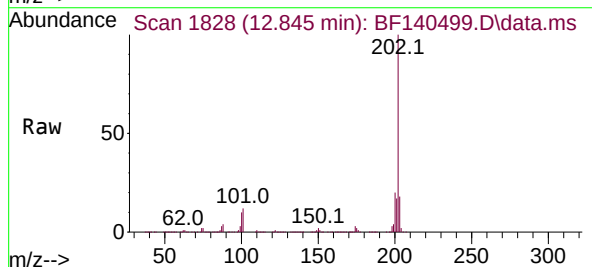
Manual Integrations
APPROVED

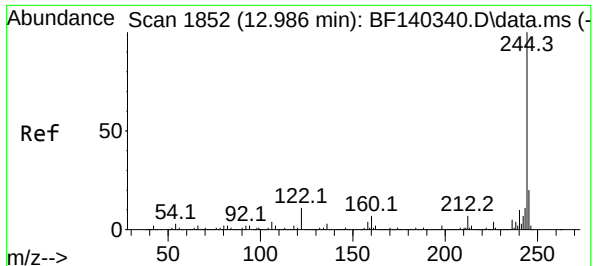
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#78
Pyrene
Concen: 44.185 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:202 Resp: 1083741
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 87.224 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140499.D

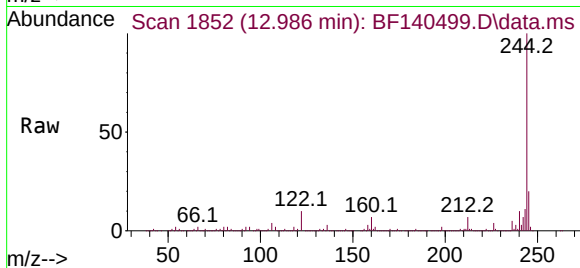
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:244 Resp: 1440888

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

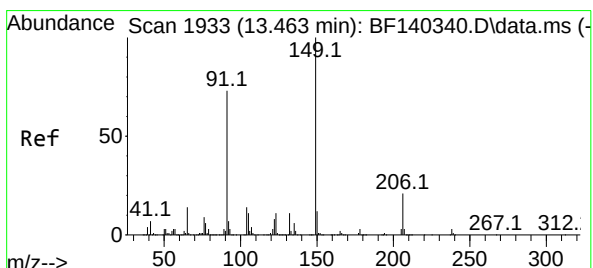
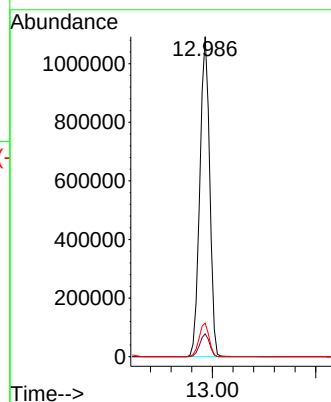
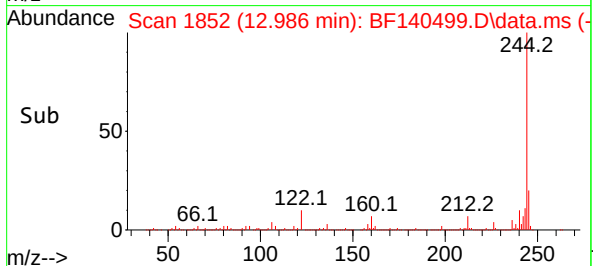
122 10.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#80

Butylbenzylphthalate

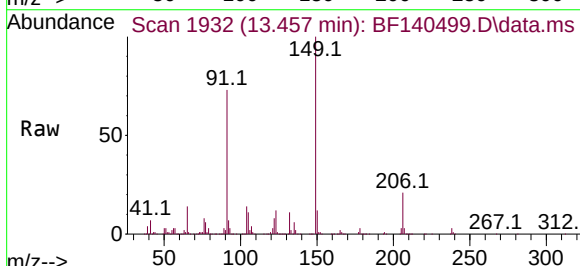
Concen: 43.392 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34



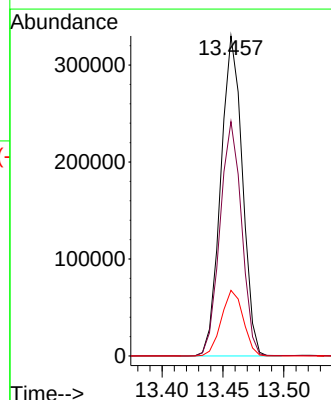
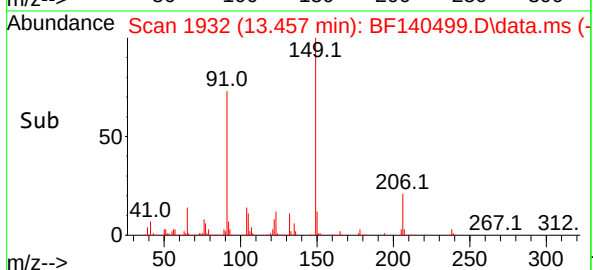
Tgt Ion:149 Resp: 408841

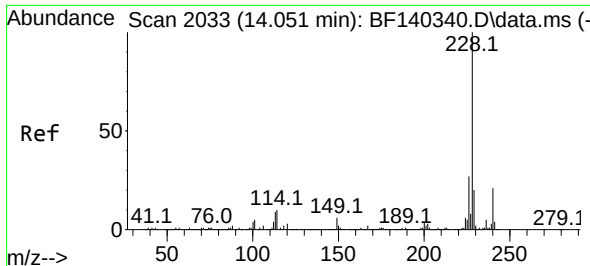
Ion Ratio Lower Upper

149 100

91 73.2 61.0 91.4

206 20.5 16.1 24.1





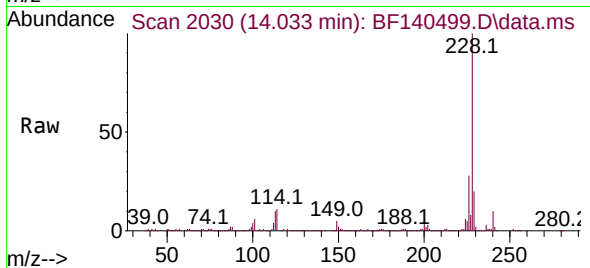
#81
Benzo(a)anthracene
Concen: 42.144 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

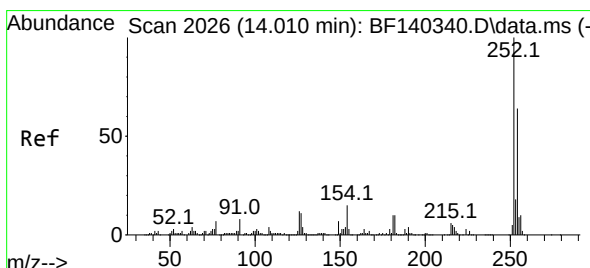
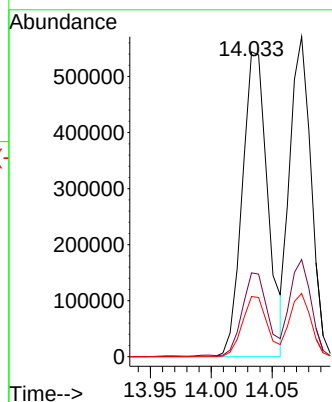
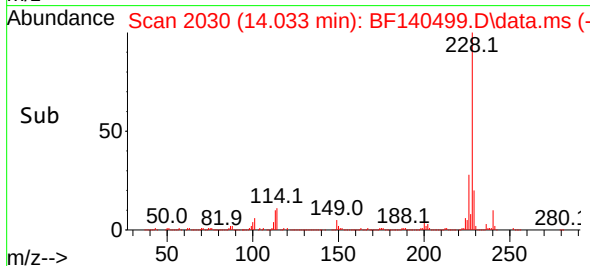
SSTDCCC040EC



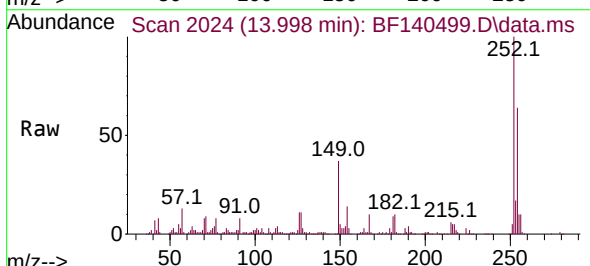
Tgt Ion:228 Resp: 794220
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.8 15.8 23.6

Manual Integrations
APPROVED

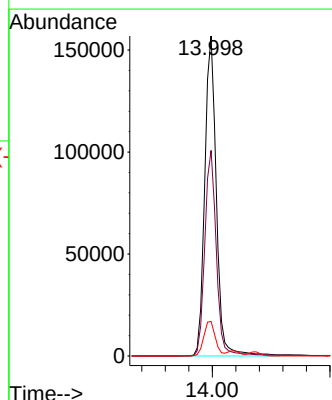
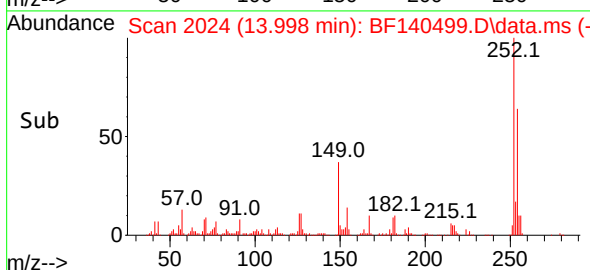
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

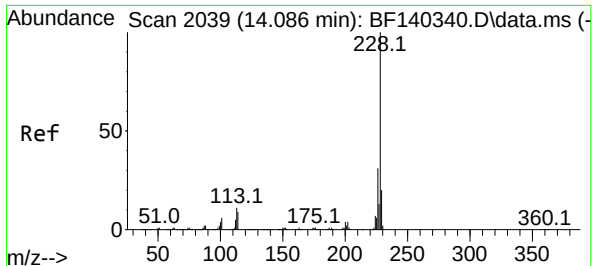


#82
3,3'-Dichlorobenzidine
Concen: 35.789 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34



Tgt Ion:252 Resp: 214376
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 10.8 9.4 14.0





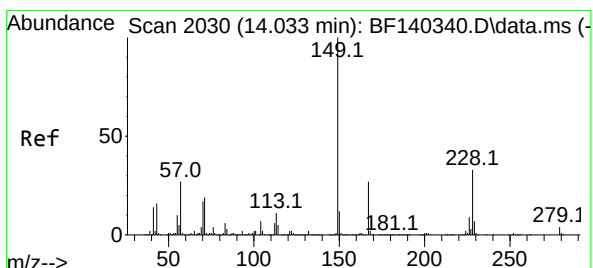
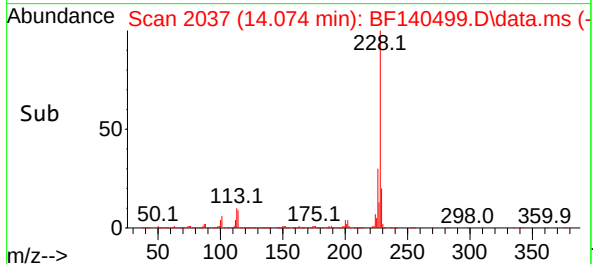
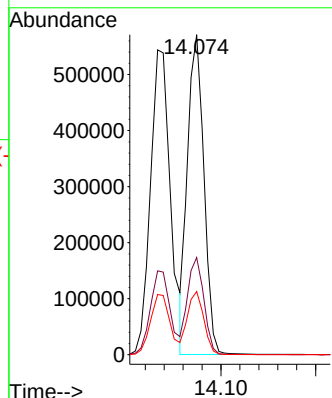
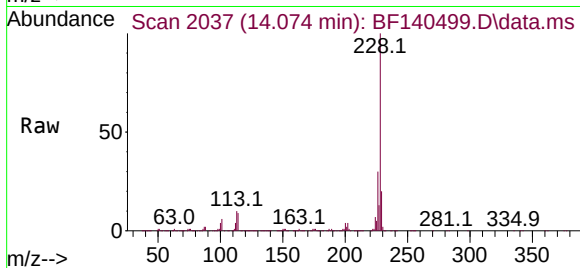
#83
Chrysene
Concen: 40.116 ng
RT: 14.074 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 68979
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.7 16.0 24.0

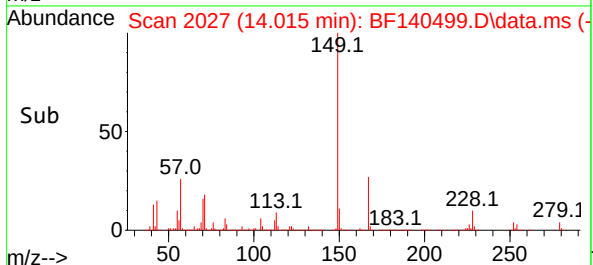
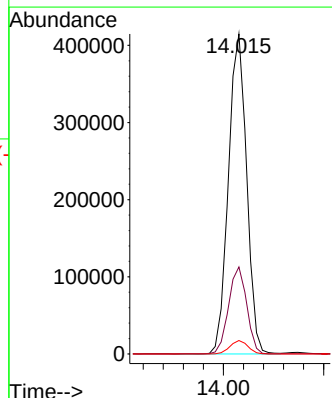
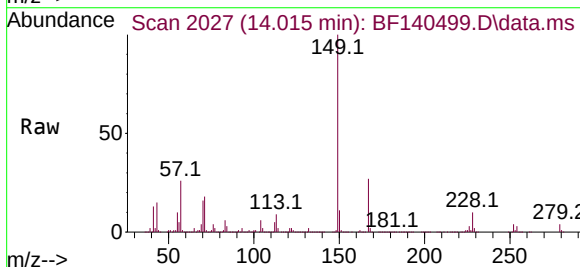
Manual Integrations
APPROVED

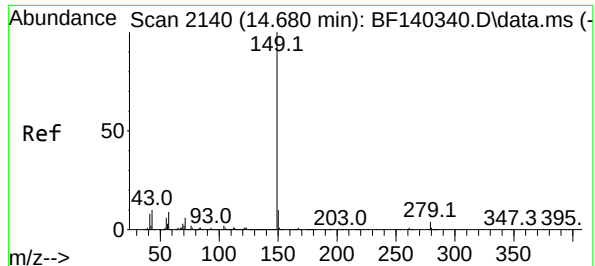
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.645 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

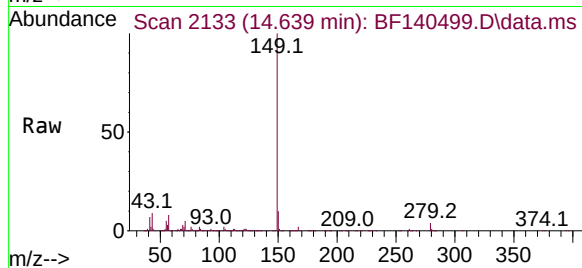
Tgt Ion:149 Resp: 523748
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 41.023 ng
RT: 14.639 min Scan# 2140
Delta R.T. -0.024 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

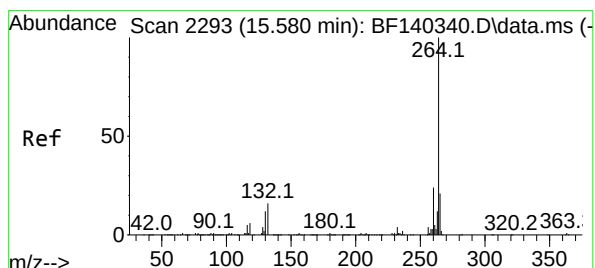
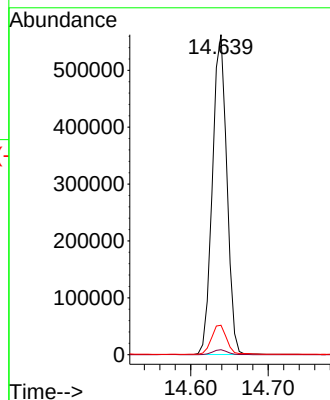
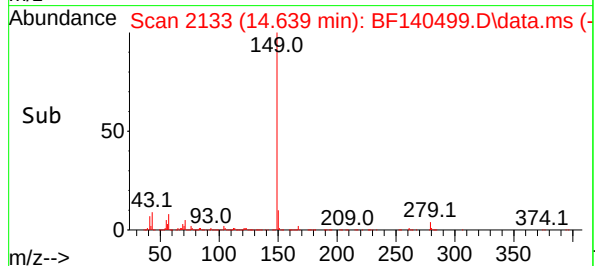
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



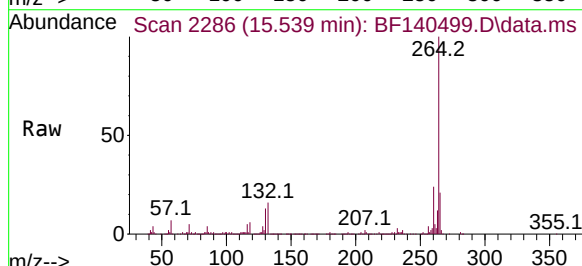
Tgt Ion:149 Resp: 726628
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 8.0 12.0

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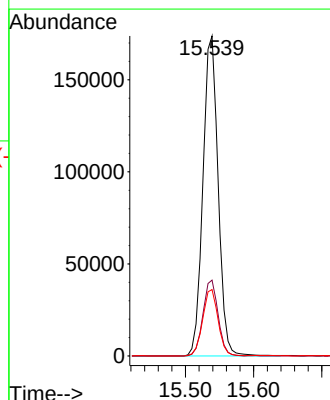
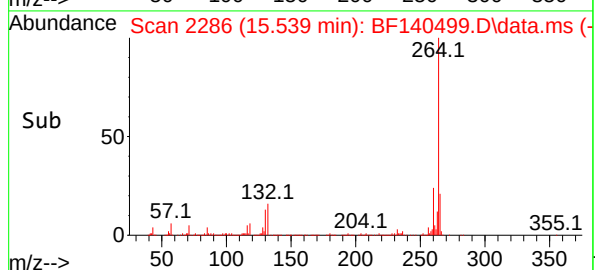
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

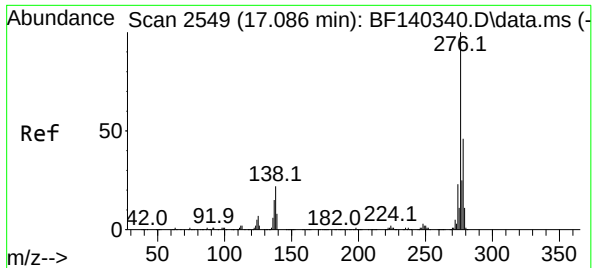


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34



Tgt Ion:264 Resp: 269781
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 20.8 17.1 25.7





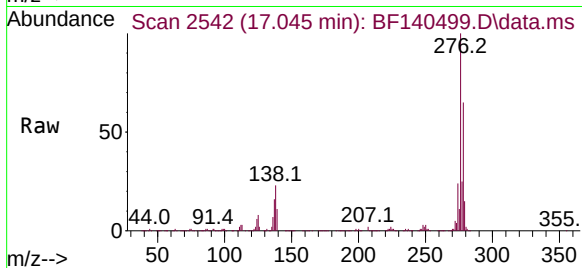
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.450 ng
RT: 17.045 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

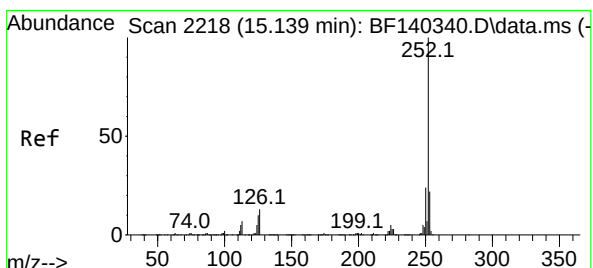
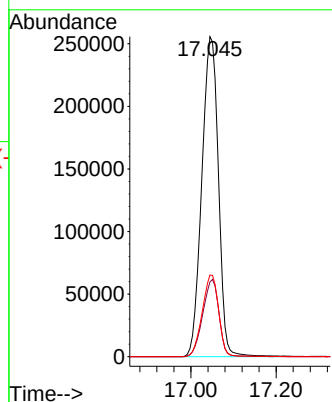
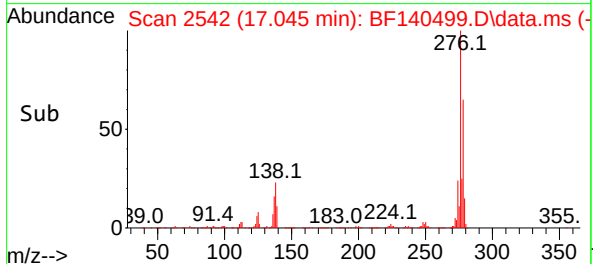
SSTDCCC040EC



Tgt Ion: 276 Resp: 690760
Ion Ratio Lower Upper
276 100
138 23.7 18.8 28.2
277 25.2 20.2 30.2

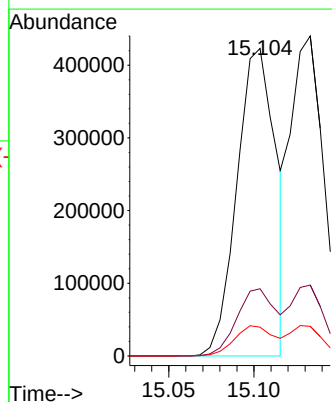
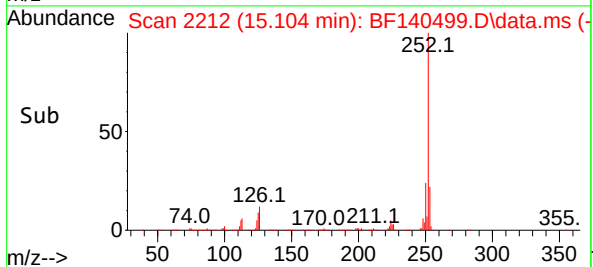
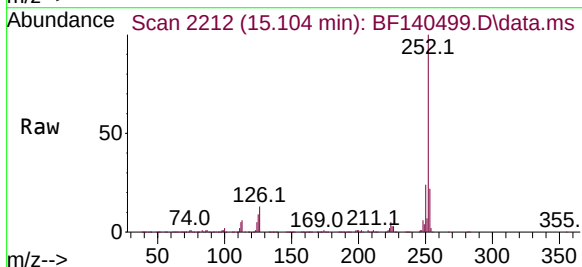
Manual Integrations
APPROVED

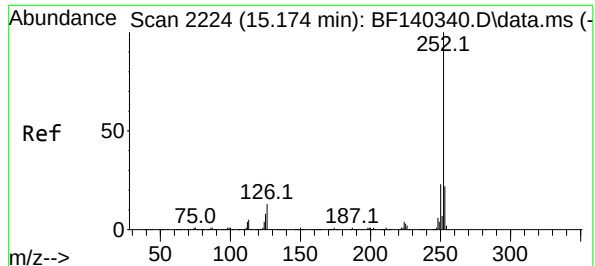
Reviewed By : Yogesh Patel 11/22/2024
Supervised By : mohammad ahmed 11/22/2024



#88
Benzo(b)fluoranthene
Concen: 38.057 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 252 Resp: 671623
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.316 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:252 Resp: 59564

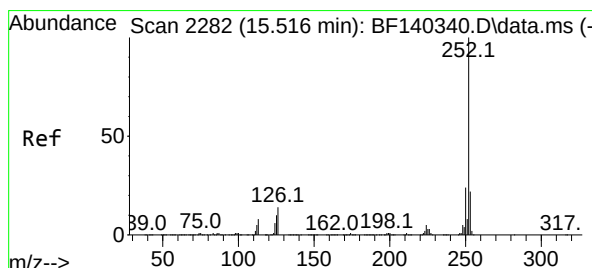
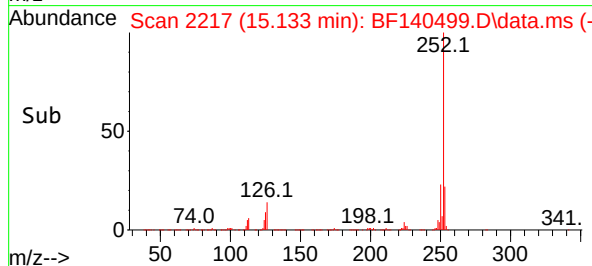
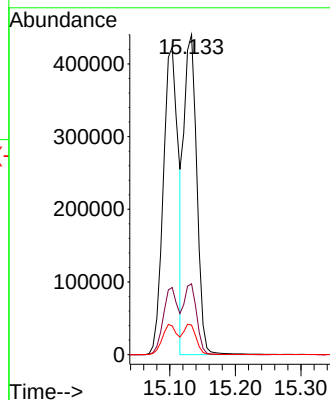
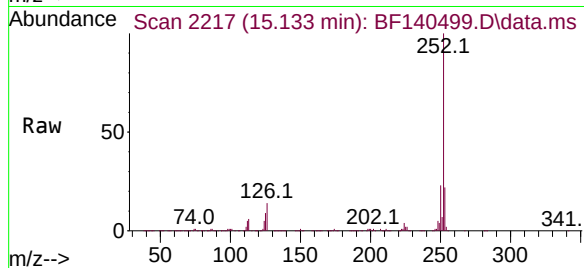
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.3	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#90

Benzo(a)pyrene

Concen: 41.155 ng

RT: 15.474 min Scan# 2275

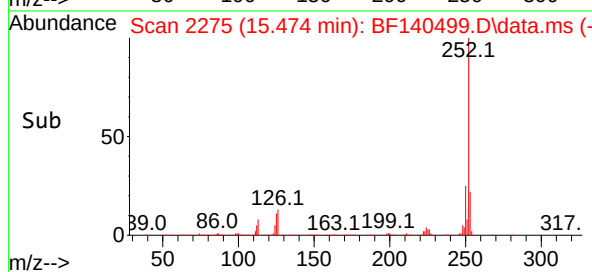
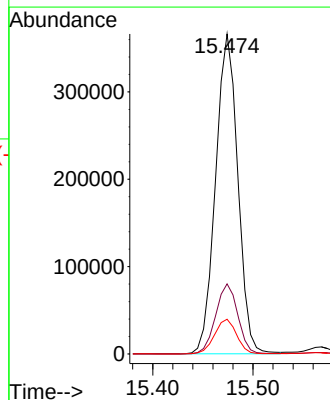
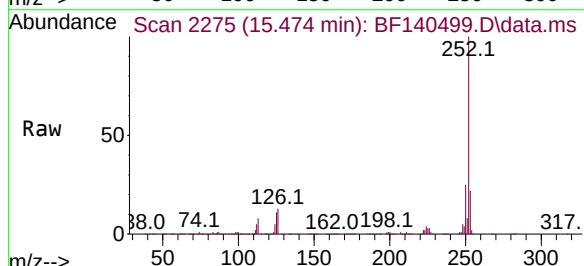
Delta R.T. -0.018 min

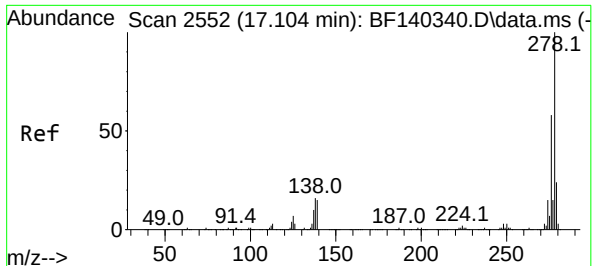
Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Tgt Ion:252 Resp: 564020

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.8	8.4	12.6





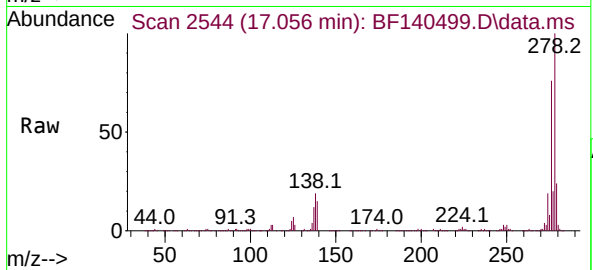
#91
Dibenzo(a,h)anthracene
Concen: 41.637 ng
RT: 17.056 min Scan# 2544
Delta R.T. -0.018 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

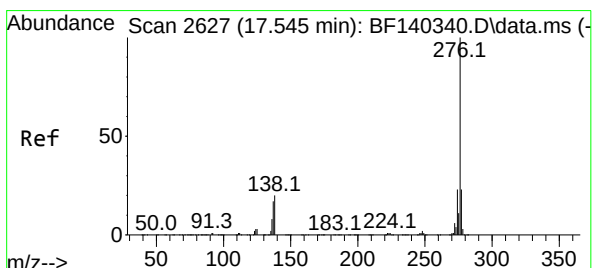
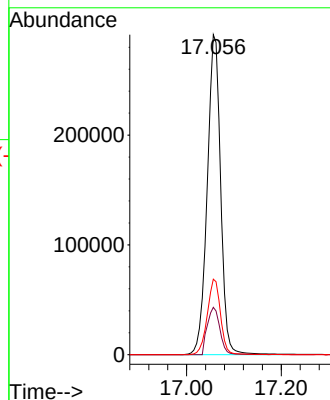
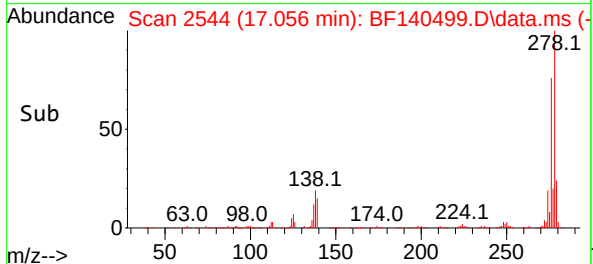
SSTDCCC040EC



Tgt Ion: 278 Resp: 573550
Ion Ratio Lower Upper
278 100
139 14.8 11.8 17.8
279 23.6 18.9 28.3

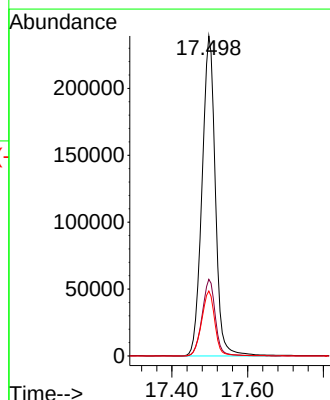
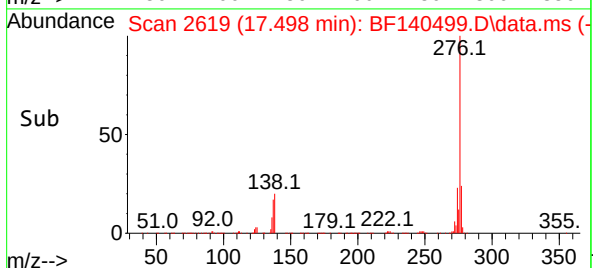
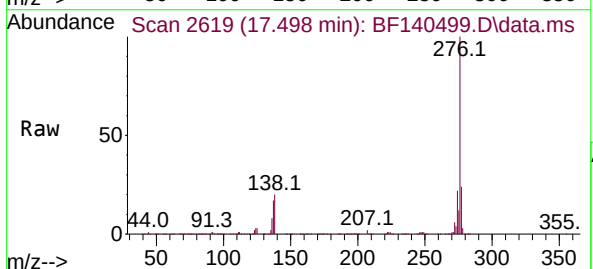
Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.413 ng
RT: 17.498 min Scan# 2619
Delta R.T. -0.018 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 276 Resp: 583216
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 20.3 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140499.D
Acq On : 20 Nov 2024 14:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 15:17:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
2	1,4-Dioxane	0.522	0.528	-1.1	98	0.00
3	Pyridine	1.283	1.136	11.5	82	0.00
4	n-Nitrosodimethylamine	0.649	0.650	-0.2	94	0.00
5 S	2-Fluorophenol	1.171	1.177	-0.5	98	0.00
6	Aniline	1.381	0.760	45.0#	50#	0.00
7 S	Phenol-d6	1.587	1.558	1.8	93	0.01
8	2-Chlorophenol	1.258	1.255	0.2	95	0.00
9	Benzaldehyde	0.951	1.385	-45.6#	148	0.00
10 C	Phenol	1.674	1.601	4.4	89	0.01
11	bis(2-Chloroethyl)ether	1.268	1.301	-2.6	98	0.00
12	1,3-Dichlorobenzene	1.388	1.404	-1.2	97	0.00
13 C	1,4-Dichlorobenzene	1.408	1.407	0.1	96	0.00
14	1,2-Dichlorobenzene	1.307	1.313	-0.5	97	0.00
15	Benzyl Alcohol	1.143	1.125	1.6	89	0.00
16	2,2'-oxybis(1-Chloropropane	1.752	1.576	10.0	83	0.00
17	2-Methylphenol	1.035	1.015	1.9	91	0.00
18	Hexachloroethane	0.520	0.523	-0.6	97	0.00
19 P	n-Nitroso-di-n-propylamine	0.959	0.897	6.5	87	0.00
20	3+4-Methylphenols	1.294	1.265	2.2	89	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	86	0.00
22	Acetophenone	0.465	0.475	-2.2	91	0.00
23 S	Nitrobenzene-d5	0.384	0.399	-3.9	91	0.00
24	Nitrobenzene	0.400	0.412	-3.0	90	0.00
25	Isophorone	0.680	0.686	-0.9	87	0.00
26 C	2-Nitrophenol	0.177	0.191	-7.9	92	0.00
27	2,4-Dimethylphenol	0.227	0.237	-4.4	91	0.00
28	bis(2-Chloroethoxy)methane	0.417	0.422	-1.2	89	0.00
29 C	2,4-Dichlorophenol	0.281	0.298	-6.0	93	0.00
30	1,2,4-Trichlorobenzene	0.312	0.326	-4.5	93	0.00
31	Naphthalene	1.015	1.040	-2.5	91	0.00
32	Benzoic acid	0.200	0.215	-7.5	87	0.01
33	4-Chloroaniline	0.353	0.232	34.3#	59	0.00
34 C	Hexachlorobutadiene	0.199	0.208	-4.5	92	0.00
35	Caprolactam	0.093	0.096	-3.2	90	0.00
36 C	4-Chloro-3-methylphenol	0.311	0.321	-3.2	89	0.01
37	2-Methylnaphthalene	0.651	0.658	-1.1	89	0.00
38	1-Methylnaphthalene	0.637	0.640	-0.5	88	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	84	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.573	-3.6	91	0.00
41 P	Hexachlorocyclopentadiene	0.142	0.132	7.0	80	0.00
42 S	2,4,6-Tribromophenol	0.199	0.208	-4.5	91	0.00
43 C	2,4,6-Trichlorophenol	0.363	0.380	-4.7	89	0.00
44	2,4,5-Trichlorophenol	0.397	0.417	-5.0	90	0.01
45 S	2-Fluorobiphenyl	1.244	1.256	-1.0	90	0.00
46	1,1'-Biphenyl	1.455	1.469	-1.0	88	0.00
47	2-Chloronaphthalene	1.108	1.126	-1.6	89	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140499.D
Acq On : 20 Nov 2024 14:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 15:17:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	0.368	0.373	-1.4	86	0.00
49	Acenaphthylene	1.677	1.715	-2.3	88	0.00
50	Dimethylphthalate	1.304	1.328	-1.8	89	0.00
51	2,6-Dinitrotoluene	0.297	0.308	-3.7	87	0.00
52 C	Acenaphthene	1.133	1.182	-4.3	91	0.00
53	3-Nitroaniline	0.312	0.310	0.6	84	0.00
54 P	2,4-Dinitrophenol	0.153	0.170	-11.1	97	0.00
55	Dibenzofuran	1.603	1.639	-2.2	89	0.00
56 P	4-Nitrophenol	0.228	0.215	5.7	77	0.02
57	2,4-Dinitrotoluene	0.391	0.412	-5.4	90	0.00
58	Fluorene	1.267	1.285	-1.4	90	0.00
59	2,3,4,6-Tetrachlorophenol	0.313	0.324	-3.5	86	0.00
60	Diethylphthalate	1.333	1.338	-0.4	87	0.00
61	4-Chlorophenyl-phenylether	0.625	0.636	-1.8	89	0.00
62	4-Nitroaniline	0.319	0.311	2.5	82	0.00
63	Azobenzene	1.317	1.293	1.8	84	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	82	0.00
65	4,6-Dinitro-2-methylphenol	0.108	0.126	-16.7	95	0.00
66 c	n-Nitrosodiphenylamine	0.578	0.597	-3.3	87	0.00
67	4-Bromophenyl-phenylether	0.200	0.210	-5.0	89	0.00
68	Hexachlorobenzene	0.225	0.235	-4.4	88	0.00
69	Atrazine	0.175	0.154	12.0	87	0.00
70 C	Pentachlorophenol	0.121	0.119	1.7	76	0.00
71	Phenanthrene	0.940	0.960	-2.1	87	0.00
72	Anthracene	0.921	0.945	-2.6	87	0.00
73	Carbazole	0.909	0.928	-2.1	87	0.00
74	Di-n-butylphthalate	1.091	1.108	-1.6	84	0.00
75 C	Fluoranthene	1.054	1.050	0.4	85	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	74	0.00
77	Benزيدine	0.768	0.293	61.8#	33#	0.00
78	Pyrene	1.711	1.890	-10.5	84	0.00
79 S	Terphenyl-d14	1.152	1.256	-9.0	83	0.00
80	Butylbenzylphthalate	0.657	0.713	-8.5	77	0.00
81	Benzo(a)anthracene	1.314	1.385	-5.4	81	0.00
82	3,3'-Dichlorobenzidine	0.418	0.374	10.5	69	0.00
83	Chrysene	1.199	1.203	-0.3	77	0.00
84	Bis(2-ethylhexyl)phthalate	0.877	0.913	-4.1	73	0.00
85 c	Di-n-octyl phthalate	1.235	1.267	-2.6	73	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	84	-0.02
87	Indeno(1,2,3-cd)pyrene	1.235	1.280	-3.6	85	-0.01
88	Benzo(b)fluoranthene	1.308	1.245	4.8	82	-0.01
89	Benzo(k)fluoranthene	1.069	1.104	-3.3	87	-0.02
90 C	Benzo(a)pyrene	1.016	1.045	-2.9	87	-0.02
91	Dibenzo(a,h)anthracene	1.021	1.063	-4.1	86	-0.02
92	Benzo(g,h,i)perylene	1.044	1.081	-3.5	85	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140499.D
Acq On : 20 Nov 2024 14:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 15:17:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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\BF112024\
Data File : BF140499.D
Acq On : 20 Nov 2024 14:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 15:17:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	95	0.00
2	1,4-Dioxane	40.000	40.439	-1.1	98	0.00
3	Pyridine	40.000	35.418	11.5	82	0.00
4	n-Nitrosodimethylamine	40.000	40.069	-0.2	94	0.00
5 S	2-Fluorophenol	80.000	80.351	-0.4	98	0.00
6	Aniline	40.000	22.031	44.9#	50	0.00
7 S	Phenol-d6	80.000	78.548	1.8	93	0.01
8	2-Chlorophenol	40.000	39.891	0.3	95	0.00
9	Benzaldehyde	40.000	58.224	-45.6#	148	0.00
10 C	Phenol	40.000	38.261	4.3	89	0.01
11	bis(2-Chloroethyl)ether	40.000	41.040	-2.6	98	0.00
12	1,3-Dichlorobenzene	40.000	40.447	-1.1	97	0.00
13 C	1,4-Dichlorobenzene	40.000	39.987	0.0	96	0.00
14	1,2-Dichlorobenzene	40.000	40.182	-0.5	97	0.00
15	Benzyl Alcohol	40.000	39.342	1.6	89	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.991	10.0	83	0.00
17	2-Methylphenol	40.000	39.222	1.9	91	0.00
18	Hexachloroethane	40.000	40.214	-0.5	97	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.427	6.4	87	0.00
20	3+4-Methylphenols	40.000	39.096	2.3	89	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	86	0.00
22	Acetophenone	40.000	40.818	-2.0	91	0.00
23 S	Nitrobenzene-d5	80.000	83.256	-4.1	91	0.00
24	Nitrobenzene	40.000	41.248	-3.1	90	0.00
25	Isophorone	40.000	40.309	-0.8	87	0.00
26 C	2-Nitrophenol	40.000	43.115	-7.8	92	0.00
27	2,4-Dimethylphenol	40.000	41.682	-4.2	91	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.462	-1.2	89	0.00
29 C	2,4-Dichlorophenol	40.000	42.455	-6.1	93	0.00
30	1,2,4-Trichlorobenzene	40.000	41.680	-4.2	93	0.00
31	Naphthalene	40.000	41.007	-2.5	91	0.00
32	Benzoic acid	40.000	43.064	-7.7	87	0.01
33	4-Chloroaniline	40.000	26.284	34.3#	59	0.00
34 C	Hexachlorobutadiene	40.000	41.796	-4.5	92	0.00
35	Caprolactam	40.000	41.314	-3.3	90	0.00
36 C	4-Chloro-3-methylphenol	40.000	41.256	-3.1	89	0.01
37	2-Methylnaphthalene	40.000	40.448	-1.1	89	0.00
38	1-Methylnaphthalene	40.000	40.200	-0.5	88	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	84	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.475	-3.7	91	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.140	7.1	80	0.00
42 S	2,4,6-Tribromophenol	80.000	83.568	-4.5	91	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.856	-4.6	89	0.00
44	2,4,5-Trichlorophenol	40.000	41.996	-5.0	90	0.01
45 S	2-Fluorobiphenyl	80.000	80.794	-1.0	90	0.00
46	1,1'-Biphenyl	40.000	40.393	-1.0	88	0.00
47	2-Chloronaphthalene	40.000	40.636	-1.6	89	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140499.D
Acq On : 20 Nov 2024 14:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 15:17:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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	40.543	-1.4	86	0.00
49	Acenaphthylene	40.000	40.908	-2.3	88	0.00
50	Dimethylphthalate	40.000	40.737	-1.8	89	0.00
51	2,6-Dinitrotoluene	40.000	41.459	-3.6	87	0.00
52 C	Acenaphthene	40.000	41.728	-4.3	91	0.00
53	3-Nitroaniline	40.000	39.705	0.7	84	0.00
54 P	2,4-Dinitrophenol	40.000	44.335	-10.8	97	0.00
55	Dibenzofuran	40.000	40.880	-2.2	89	0.00
56 P	4-Nitrophenol	40.000	37.712	5.7	77	0.02
57	2,4-Dinitrotoluene	40.000	42.160	-5.4	90	0.00
58	Fluorene	40.000	40.595	-1.5	90	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.353	-3.4	86	0.00
60	Diethylphthalate	40.000	40.147	-0.4	87	0.00
61	4-Chlorophenyl-phenylether	40.000	40.701	-1.8	89	0.00
62	4-Nitroaniline	40.000	38.940	2.7	82	0.00
63	Azobenzene	40.000	39.259	1.9	84	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	82	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.673	-16.7	95	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.330	-3.3	87	0.00
67	4-Bromophenyl-phenylether	40.000	41.945	-4.9	89	0.00
68	Hexachlorobenzene	40.000	41.818	-4.5	88	0.00
69	Atrazine	40.000	35.281	11.8	87	0.00
70 C	Pentachlorophenol	40.000	39.256	1.9	76	0.00
71	Phenanthrene	40.000	40.874	-2.2	87	0.00
72	Anthracene	40.000	41.053	-2.6	87	0.00
73	Carbazole	40.000	40.819	-2.0	87	0.00
74	Di-n-butylphthalate	40.000	40.615	-1.5	84	0.00
75 C	Fluoranthene	40.000	39.863	0.3	85	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	74	0.00
77	Benzydine	40.000	15.251	61.9#	33	0.00
78	Pyrene	40.000	44.185	-10.5	84	0.00
79 S	Terphenyl-d14	80.000	87.224	-9.0	83	0.00
80	Butylbenzylphthalate	40.000	43.392	-8.5	77	0.00
81	Benzo(a)anthracene	40.000	42.144	-5.4	81	0.00
82	3,3'-Dichlorobenzidine	40.000	35.789	10.5	69	0.00
83	Chrysene	40.000	40.116	-0.3	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.645	-4.1	73	0.00
85 c	Di-n-octyl phthalate	40.000	41.023	-2.6	73	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	84	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.450	-3.6	85	-0.01
88	Benzo(b)fluoranthene	40.000	38.057	4.9	82	-0.01
89	Benzo(k)fluoranthene	40.000	41.316	-3.3	87	-0.02
90 C	Benzo(a)pyrene	40.000	41.155	-2.9	87	-0.02
91	Dibenzo(a,h)anthracene	40.000	41.637	-4.1	86	-0.02
92	Benzo(g,h,i)perylene	40.000	41.413	-3.5	85	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140499.D
Acq On : 20 Nov 2024 14:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 20 15:17:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 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

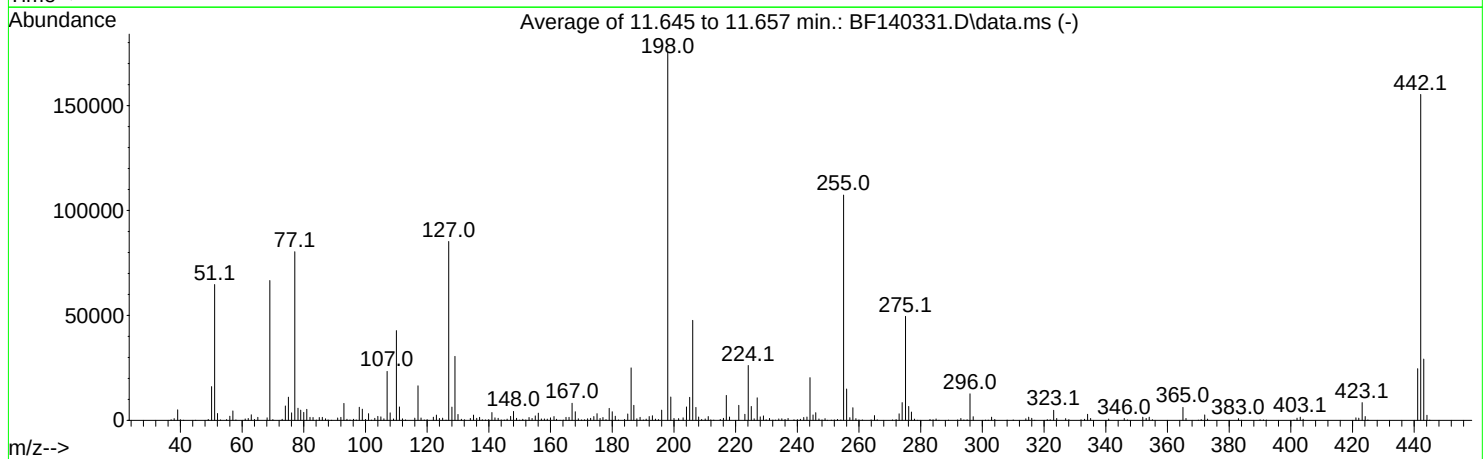
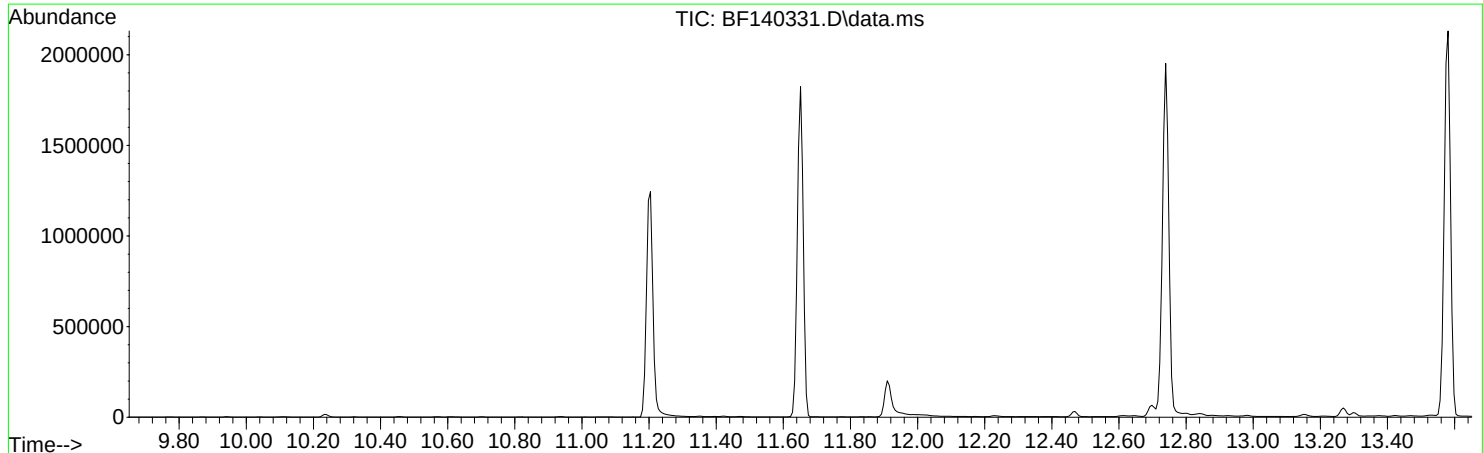
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140331.D
Acq On : 13 Nov 2024 08:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 13 14:40:06 2024



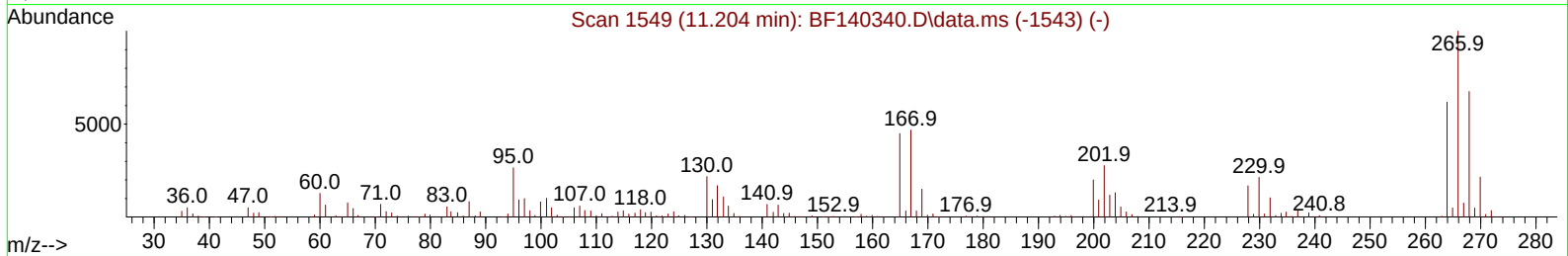
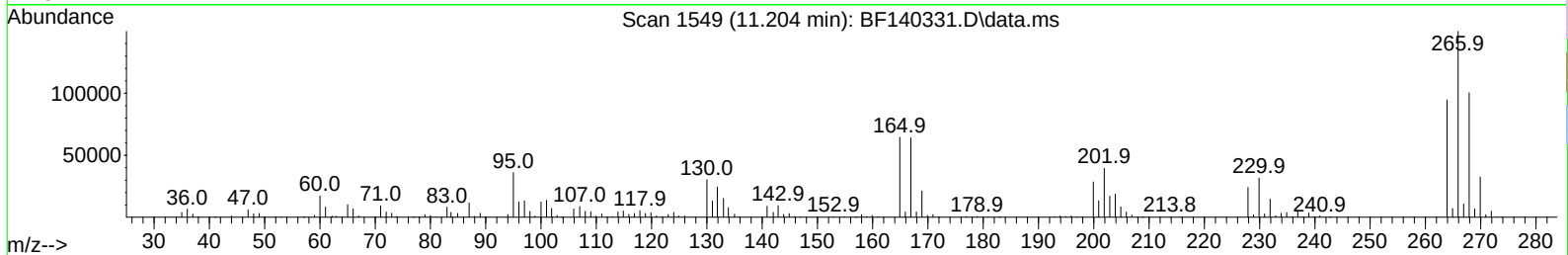
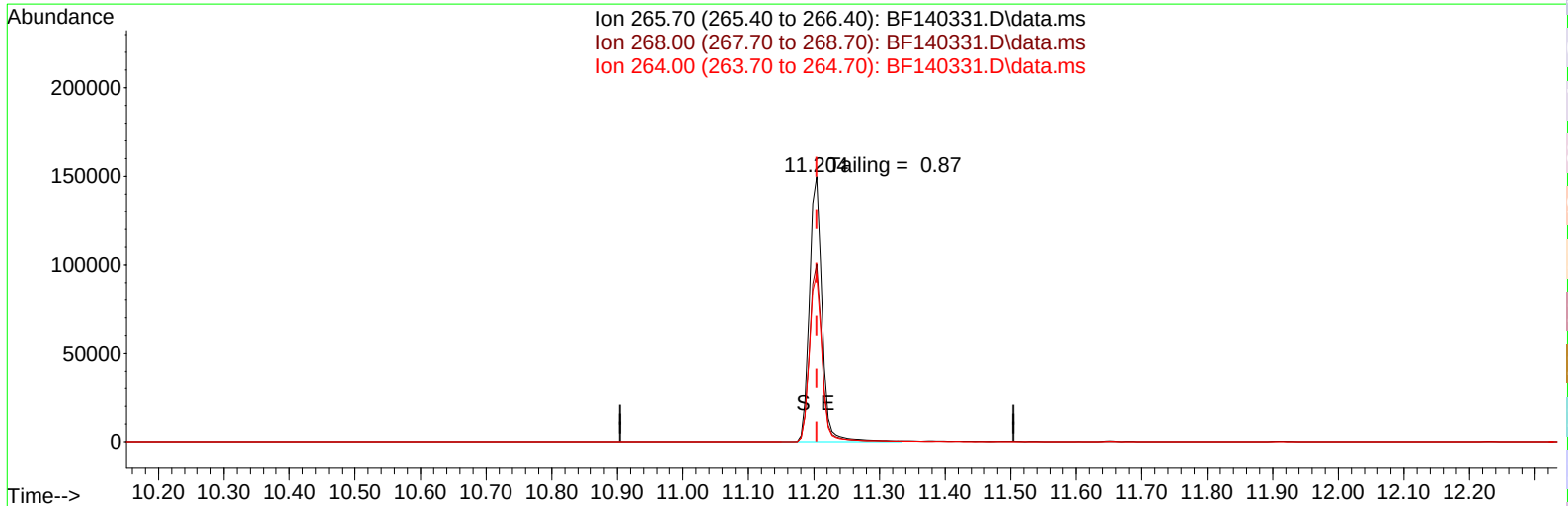
AutoFind: Scans 1624, 1625, 1626; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.9	64757	PASS
68	69	0.00	2	1.8	1226	PASS
69	198	0.00	100	38.0	66677	PASS
70	69	0.00	2	0.6	372	PASS
127	198	10	80	48.6	85245	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	175296	PASS
199	198	5	9	6.4	11148	PASS
275	198	10	60	28.3	49536	PASS
365	198	1	100	3.5	6203	PASS
441	198	0.01	100	14.0	24595	PASS
442	442	50	100	100.0	155288	PASS
443	442	15	24	18.8	29203	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140331.D
Acq On : 13 Nov 2024 08:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 13 14:44:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



TIC: BF140331.D\data.ms

(70) Pentachlorophenol (C)

11.204min (0.000) 23118.21 ng

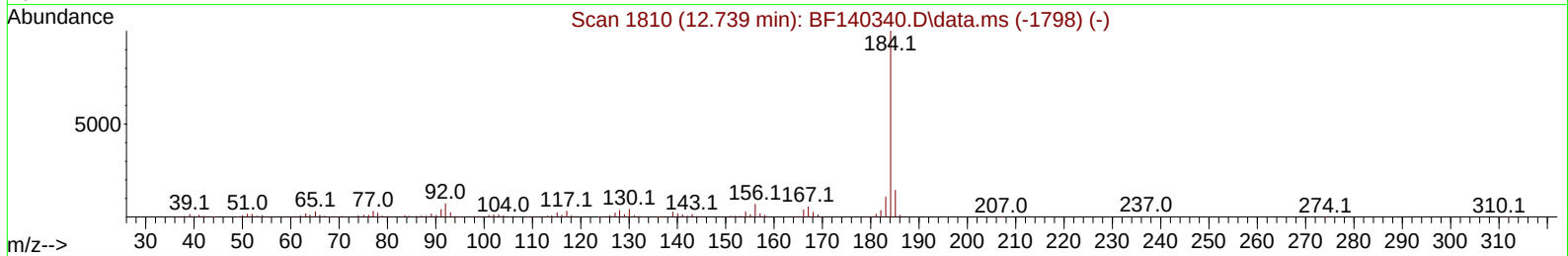
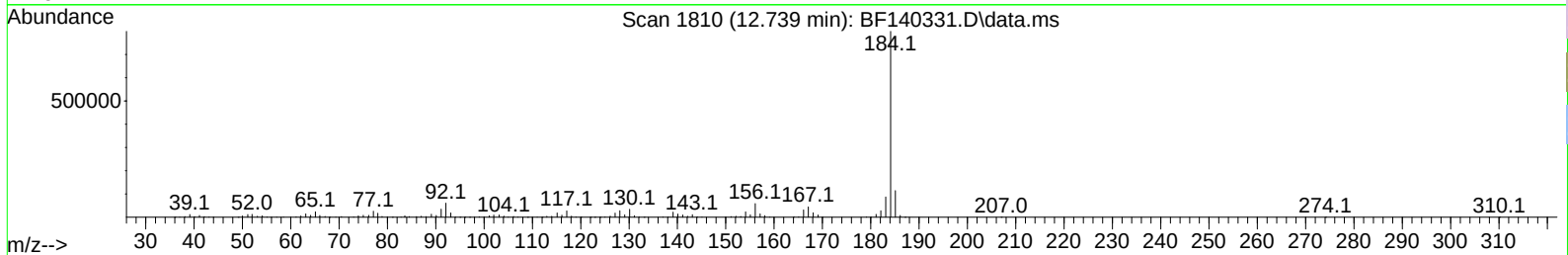
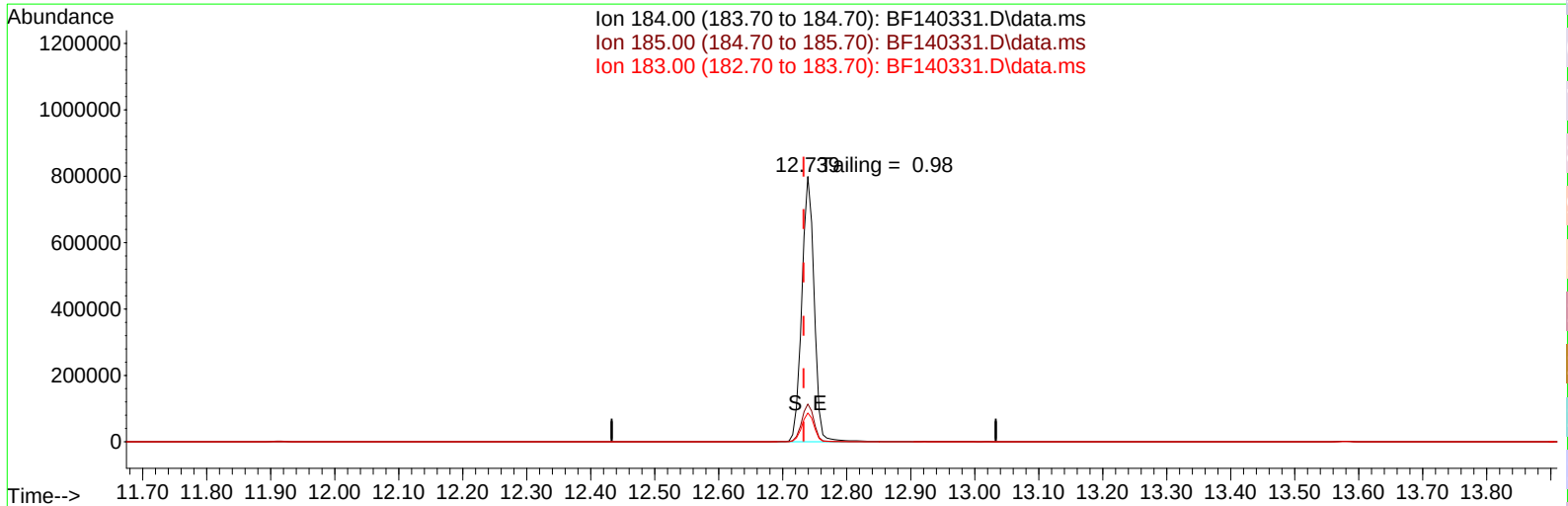
response 201406

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	66.10	67.05
264.00	62.90	63.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140331.D
Acq On : 13 Nov 2024 08:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 13 14:44:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



TIC: BF140331.D\data.ms

(77) Benzidine

12.739min (+ 0.006) 47514.94 ng

response 1075955

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.29
183.00	10.80	10.88
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

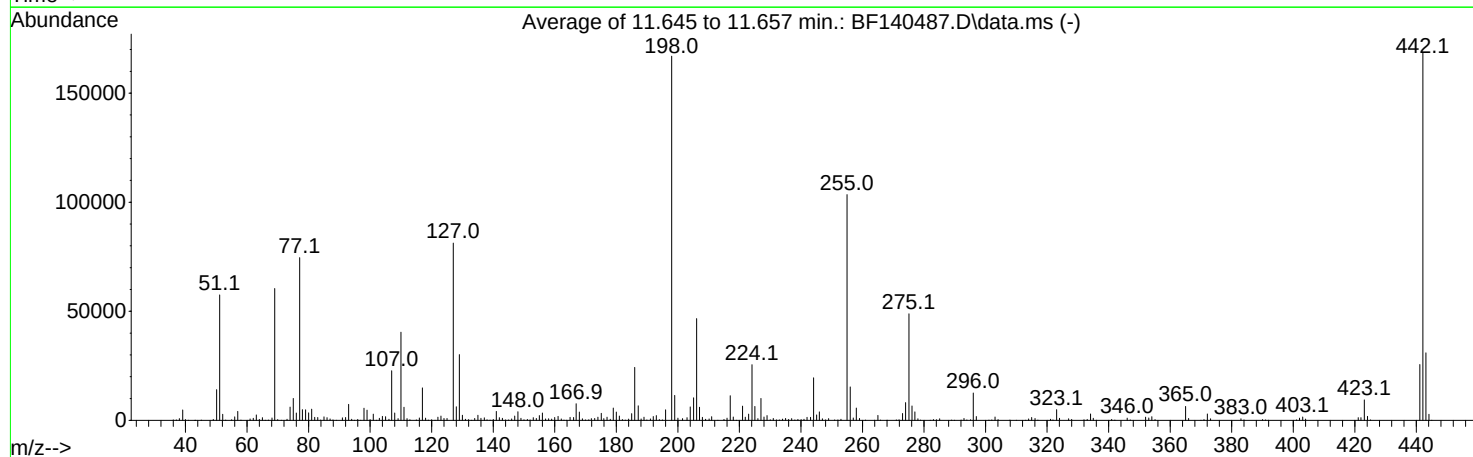
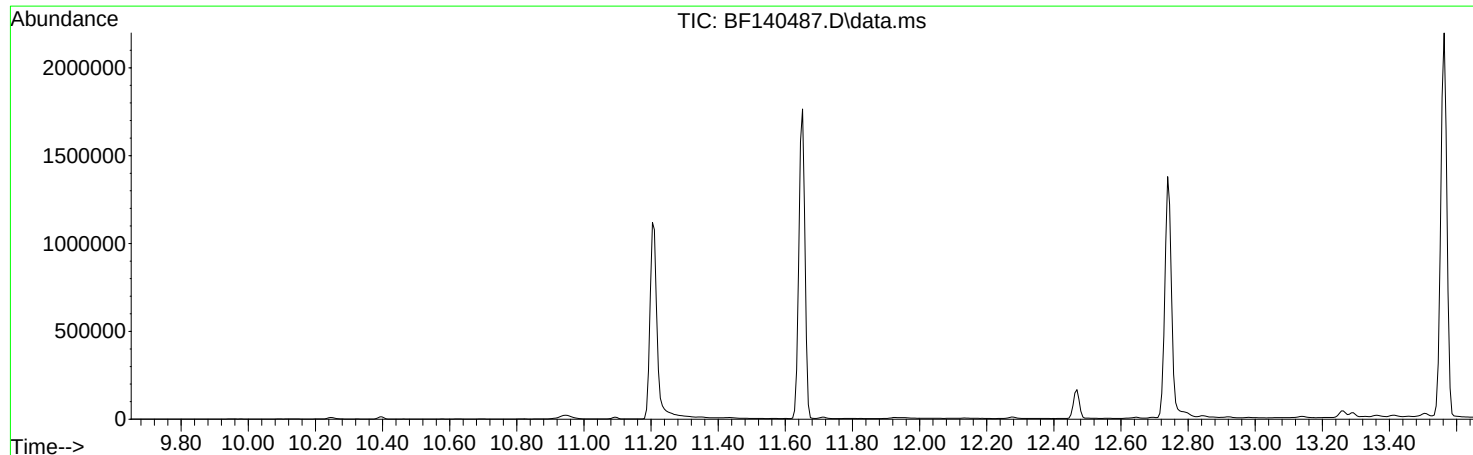
Date	Instrument Name	DFTPP Data File
11/13/2024	BNA_F	<u>BF140331.D</u>
Compound Name	Response	Retention Time
DDT	544964	13.58
DDD	17817	13.269
DDE	776	12.927
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
18593	563557	3.30

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140487.D
Acq On : 20 Nov 2024 09:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 13 14:40:06 2024



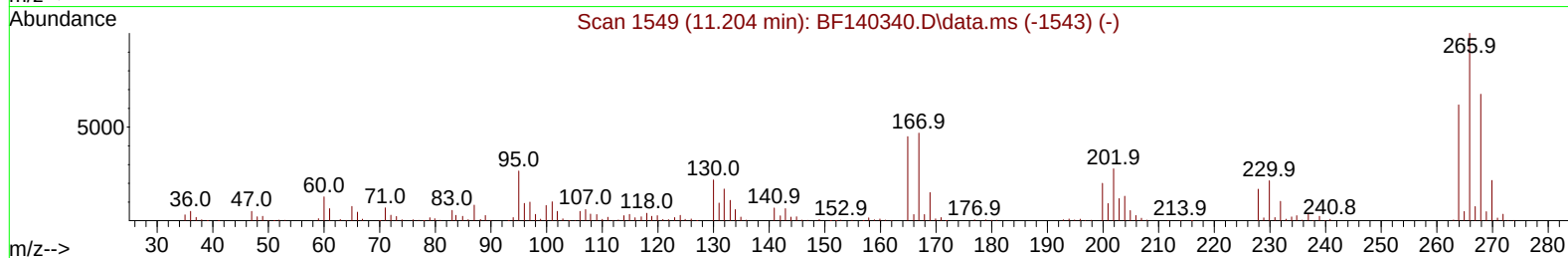
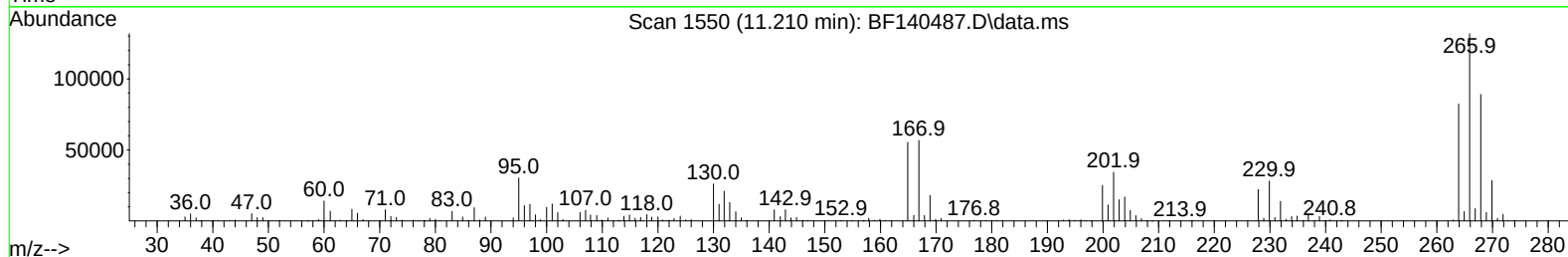
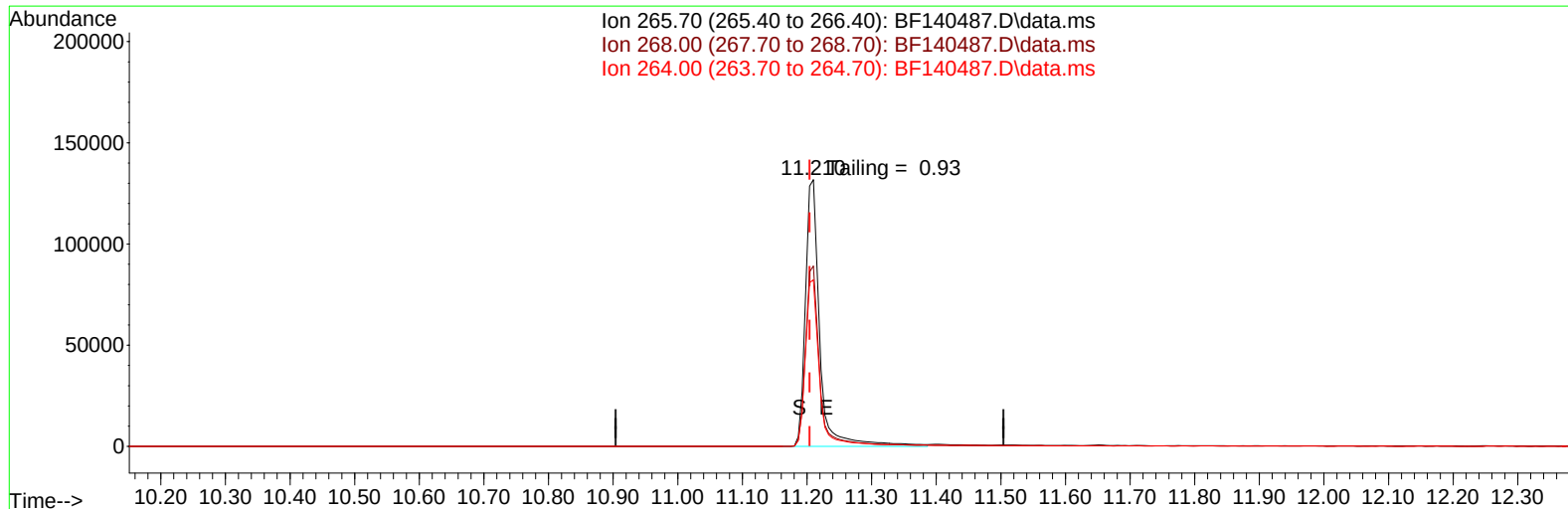
AutoFind: Scans 1624, 1625, 1626; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	34.4	57483	PASS
68	69	0.00	2	1.9	1125	PASS
69	198	0.00	100	36.2	60485	PASS
70	69	0.00	2	0.6	336	PASS
127	198	10	80	48.7	81299	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	166936	PASS
199	198	5	9	6.8	11421	PASS
275	198	10	60	29.3	48829	PASS
365	198	1	100	3.8	6418	PASS
441	198	0.01	100	15.3	25587	PASS
442	442	50	100	100.0	168640	PASS
443	442	15	24	18.3	30941	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140487.D
Acq On : 20 Nov 2024 09:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 20 09:52:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



TIC: BF140487.D\data.ms

(70) Pentachlorophenol (C)

11.210min (+ 0.006) 71931.11 ng

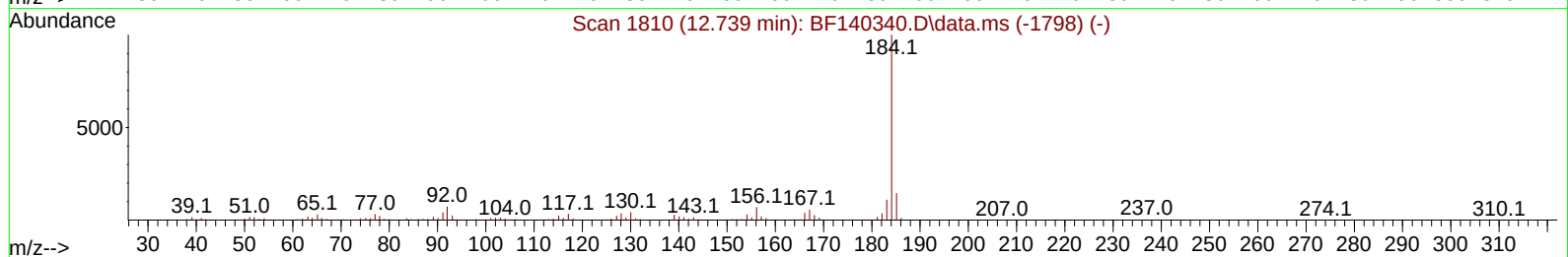
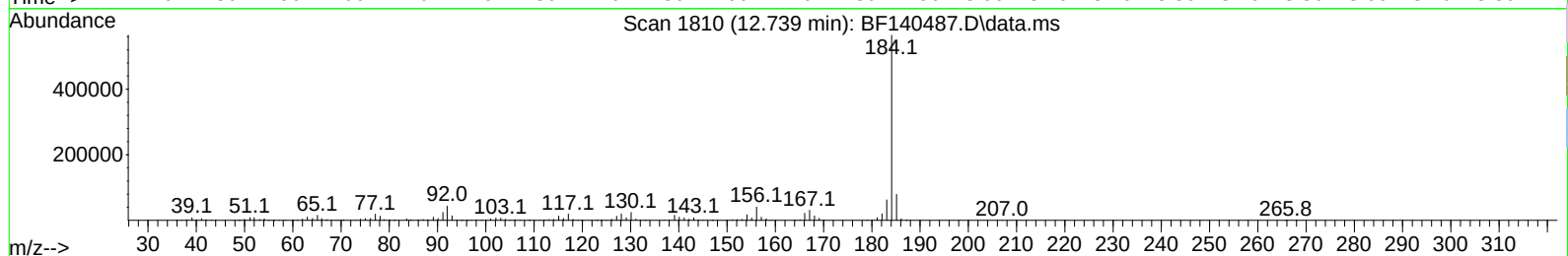
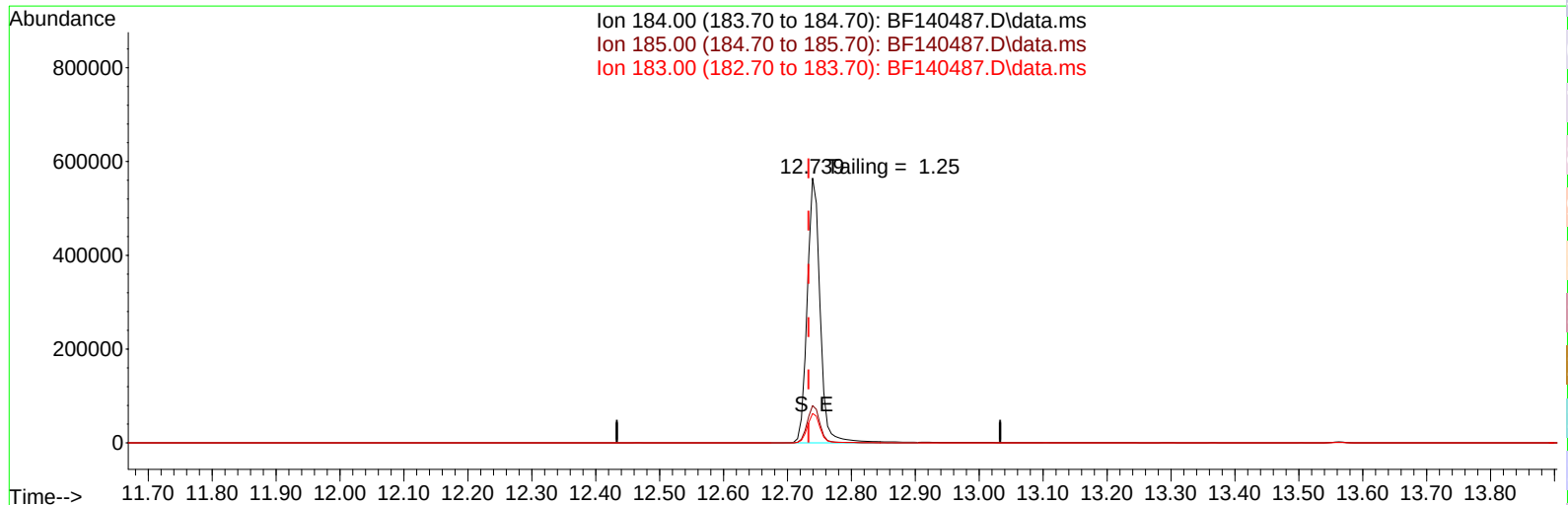
response 204385

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	66.10	67.61
264.00	62.90	62.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140487.D
Acq On : 20 Nov 2024 09:04
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 20 09:52:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



TIC: BF140487.D\data.ms

(77) Benzidine

12.739min (+ 0.006) 26914.53 ng

response 799539

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.11
183.00	10.80	11.08
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/20/2024	BNA_F	<u>BF140487.D</u>
Compound Name	Response	Retention Time
DDT	548781	13.563
DDD	16051	13.263
DDE	1359	12.922
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
17410	566191	3.07

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BL	SDG No.:	P4868
Lab Sample ID:	PB165039BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140489.D	1	11/16/24 08:15	11/20/24 09:57	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	4.00	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	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
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.50	2.50	2.50	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
78-59-1	Isophorone	4.00	U	1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	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
105-60-2	Caprolactam	8.00	U	1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	5.00	8.00	10.0	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
92-52-4	1,1-Biphenyl	4.00	U	0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.93	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BL	SDG No.:	P4868
Lab Sample ID:	PB165039BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140489.D	1	11/16/24 08:15	11/20/24 09:57	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.98	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.89	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	1.10	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	1.30	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.94	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	1.10	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:		
Project:	CTO WE13		Date Received:		
Client Sample ID:	PB165039BL		SDG No.:	P4868	
Lab Sample ID:	PB165039BL		Matrix:	Water	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20	
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
BF140489.D	1	11/16/24 08:15	11/20/24 09:57	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.79	4.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	125		19 - 119		83%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 130		80%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.8		44 - 120		87%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.2		44 - 119		90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		43 - 140		85%	SPK: 150
1718-51-0	Terphenyl-d14	87.1		50 - 134		87%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	126000	6.875
1146-65-2	Naphthalene-d8	478000	8.151
15067-26-2	Acenaphthene-d10	268000	9.91
1517-22-2	Phenanthrene-d10	515000	11.398
1719-03-5	Chrysene-d12	344000	14.063
1520-96-3	Perylene-d12	287000	15.58

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.20	A		5.12	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BL	SDG No.:	P4868
Lab Sample ID:	PB165039BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140489.D	1	11/16/24 08:15	11/20/24 09:57	PB165039

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\BF112024\
Data File : BF140489.D
Acq On : 20 Nov 2024 09:57
Operator : RC/JU
Sample : PB165039BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165039BL

Quant Time: Nov 20 10:35:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125559	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	478277	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	268353	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	515282	20.000	ng	0.00
76) Chrysene-d12	14.063	240	344131	20.000	ng	0.01
86) Perylene-d12	15.580	264	286700	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	920453	125.166	ng	0.02
7) Phenol-d6	6.510	99	1197514	120.192	ng	0.00
23) Nitrobenzene-d5	7.434	82	796733	86.795	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	341455	127.955	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1506509	90.246	ng	0.00
79) Terphenyl-d14	12.986	244	1726980	87.109	ng	0.00

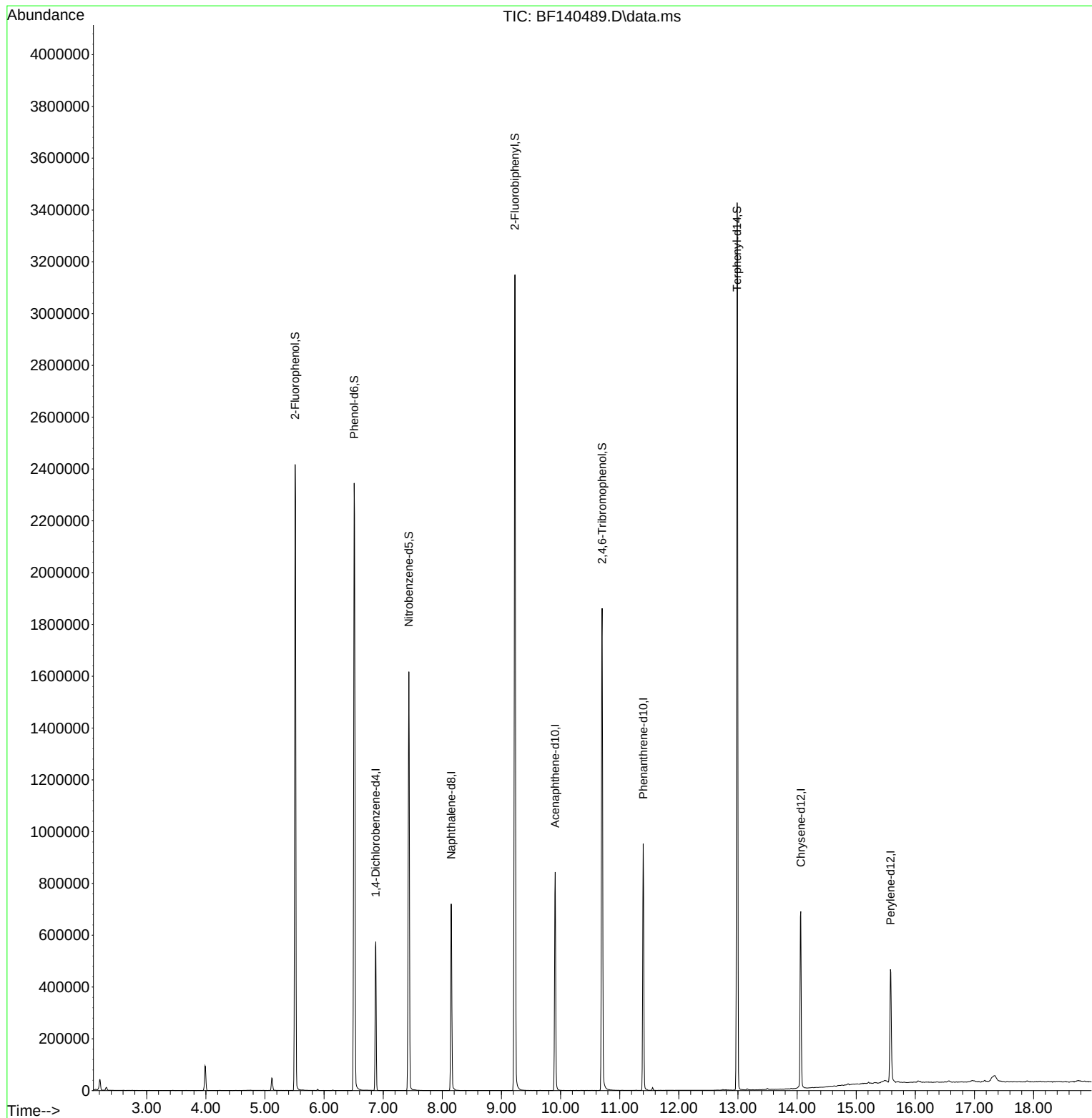
Target Compounds	Qvalue

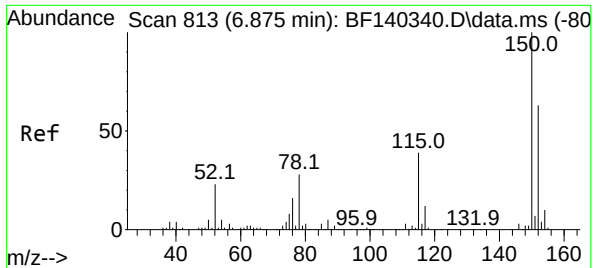
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140489.D
Acq On : 20 Nov 2024 09:57
Operator : RC/JU
Sample : PB165039BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165039BL

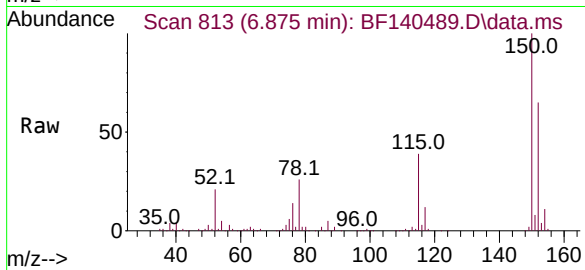
Quant Time: Nov 20 10:35:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration



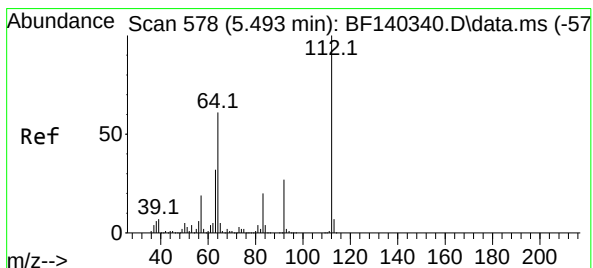
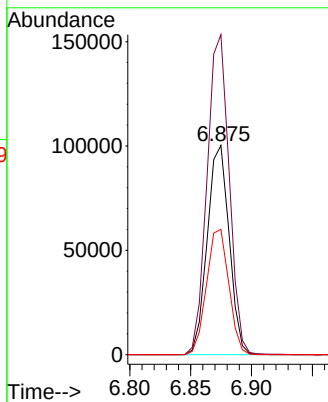
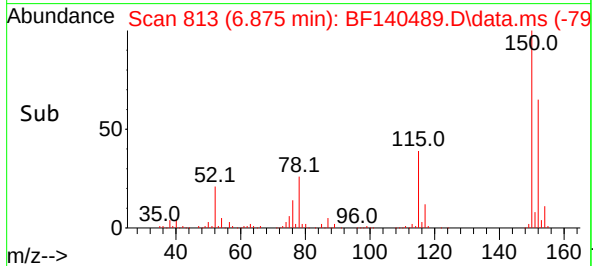


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

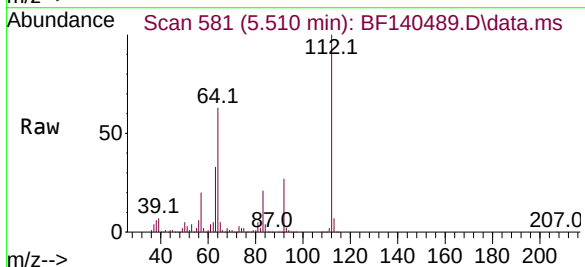
Instrument :
BNA_F
ClientSampleId :
PB165039BL



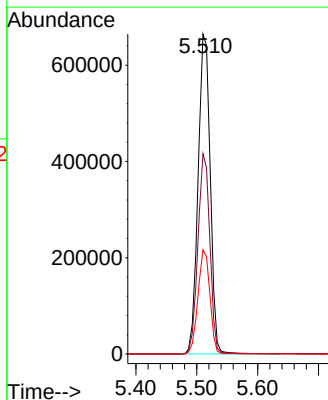
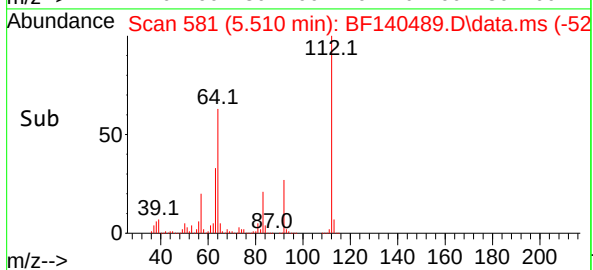
Tgt Ion:152 Resp: 125559
Ion Ratio Lower Upper
152 100
150 152.9 127.4 191.0
115 59.9 47.4 71.2

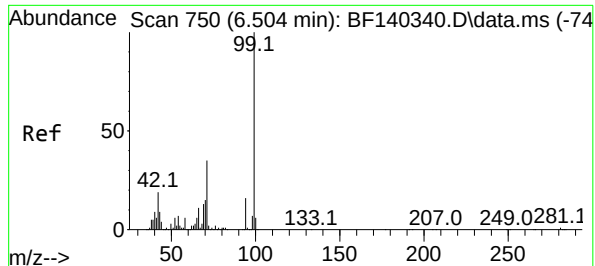


#5
2-Fluorophenol
Concen: 125.166 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57



Tgt Ion:112 Resp: 920453
Ion Ratio Lower Upper
112 100
64 62.5 49.2 73.8
63 32.5 25.6 38.4

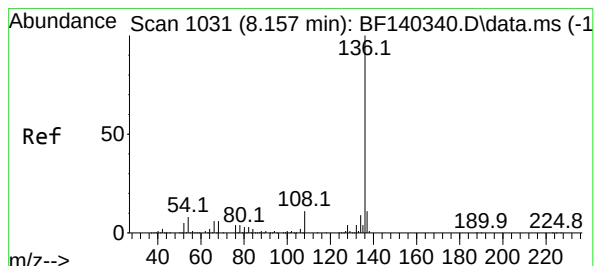
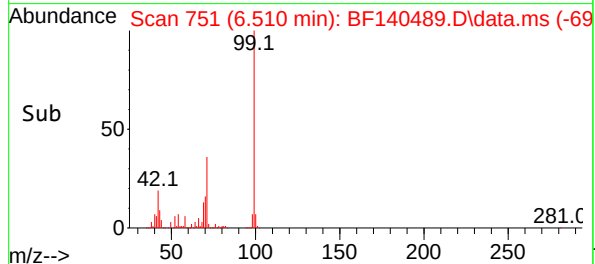
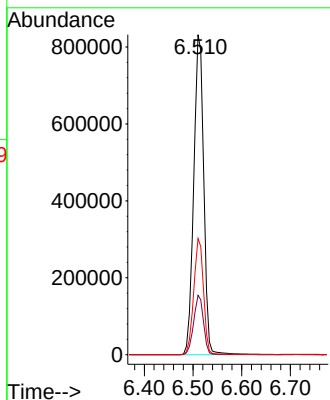
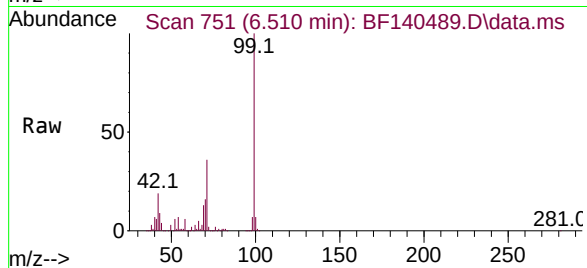




#7
Phenol-d6
Concen: 120.192 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

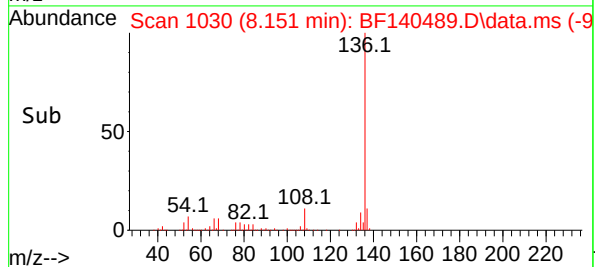
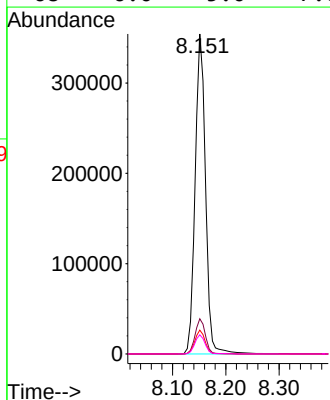
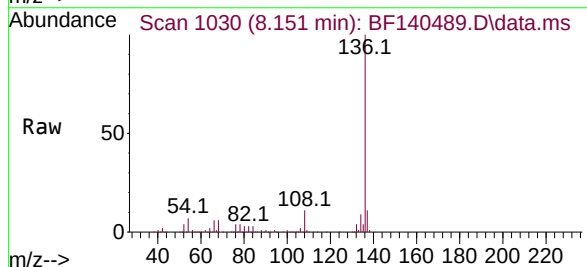
Instrument :
BNA_F
ClientSampleId :
PB165039BL

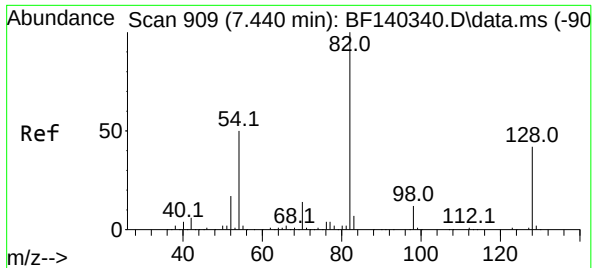
Tgt Ion: 99 Resp: 1197514
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 36.3 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

Tgt Ion: 136 Resp: 478277
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.5 6.5 9.7
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 86.795 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB165039BL

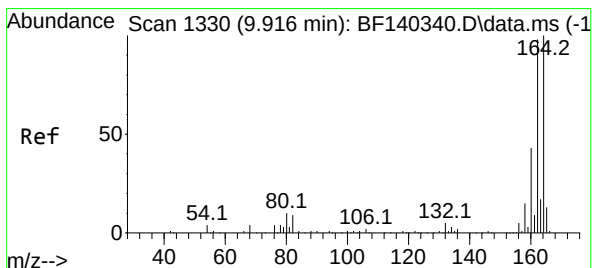
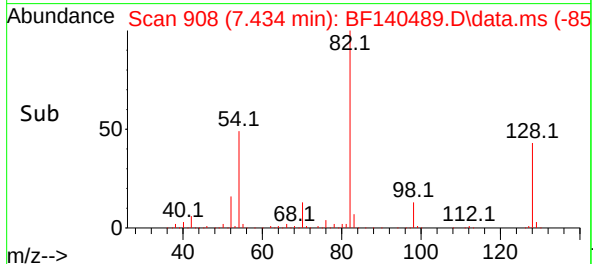
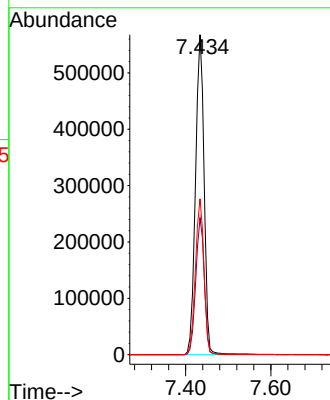
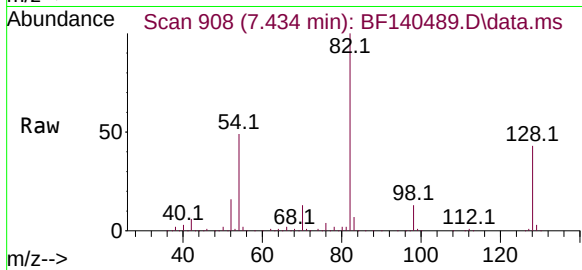
Tgt Ion: 82 Resp: 796733

Ion Ratio Lower Upper

82 100

128 42.8 33.3 49.9

54 48.7 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

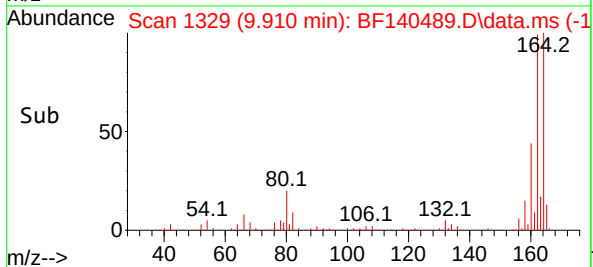
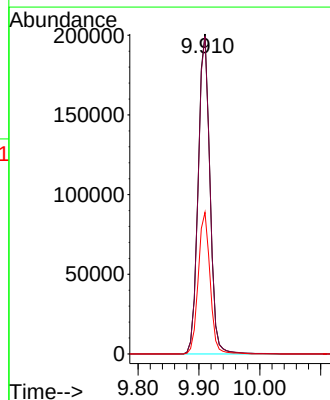
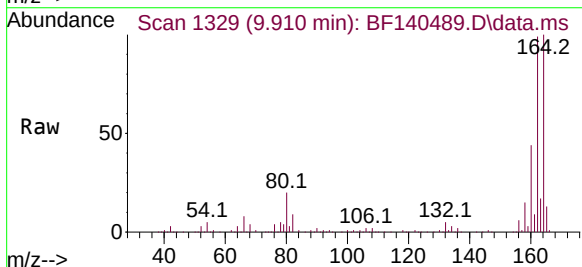
Tgt Ion: 164 Resp: 268353

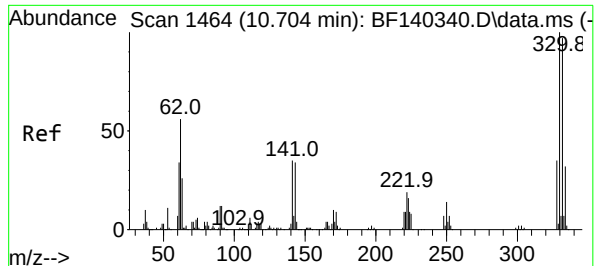
Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.8

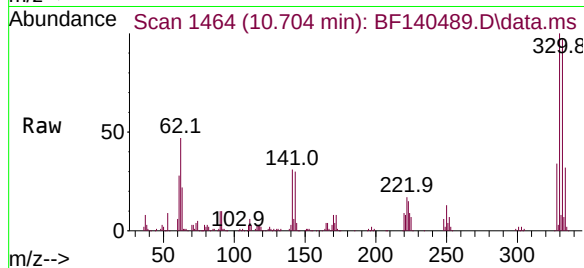
160 44.2 35.4 53.0



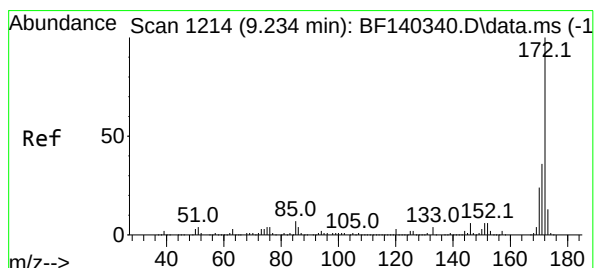
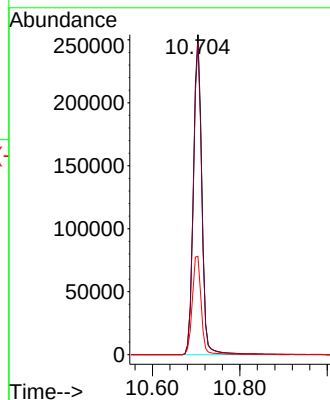
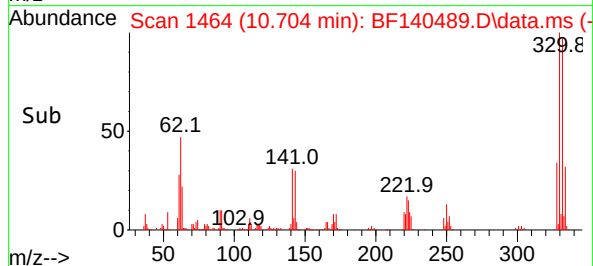


#42
2,4,6-Tribromophenol
Concen: 127.955 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

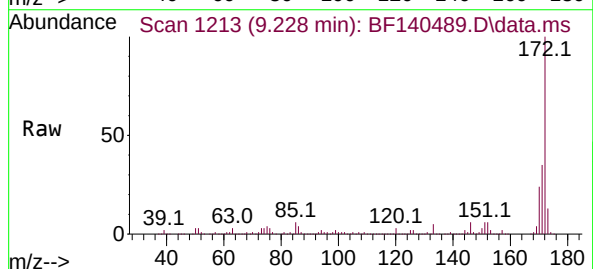
Instrument :
BNA_F
ClientSampleId :
PB165039BL



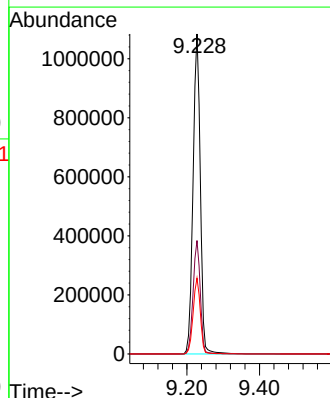
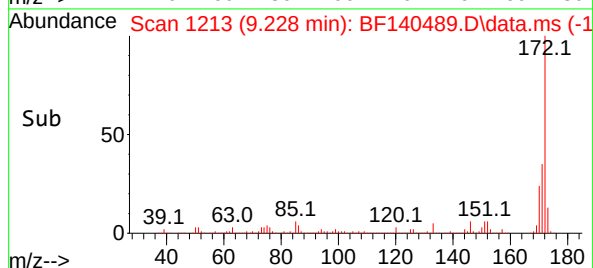
Tgt Ion: 330 Resp: 341455
Ion Ratio Lower Upper
330 100
332 97.2 75.9 113.9
141 32.5 26.9 40.3

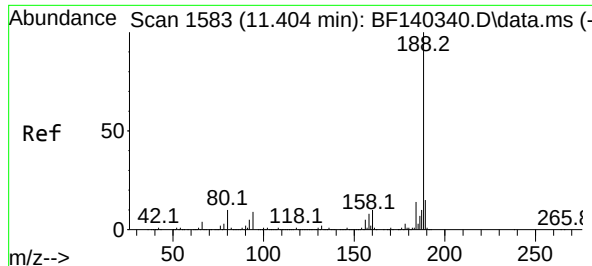


#45
2-Fluorobiphenyl
Concen: 90.246 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57



Tgt Ion: 172 Resp: 1506509
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB165039BL

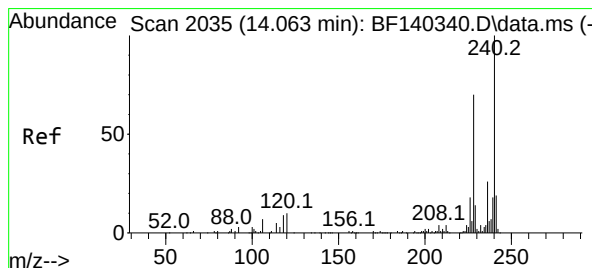
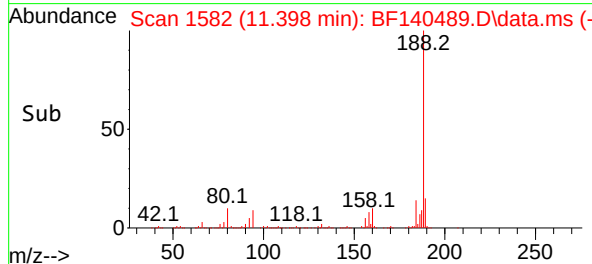
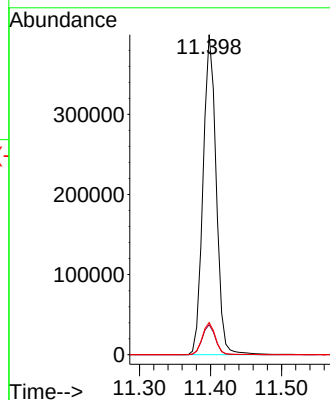
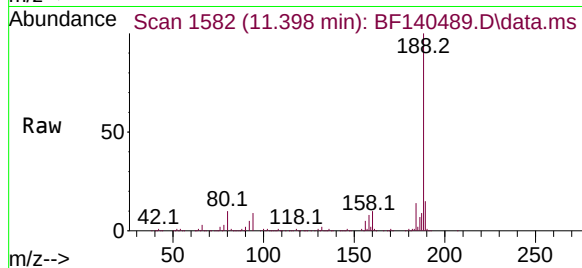
Tgt Ion:188 Resp: 515282

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.0 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

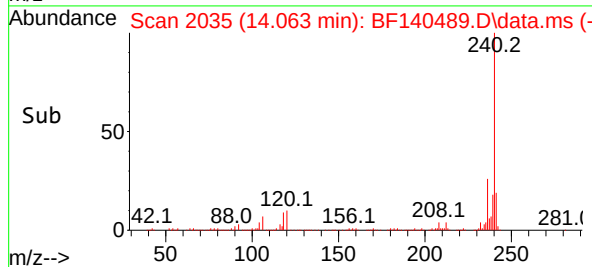
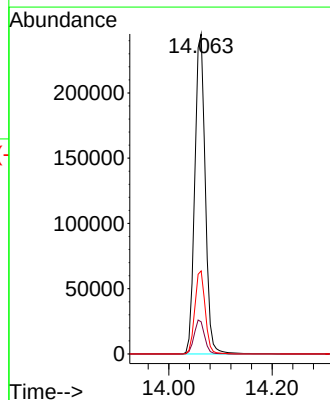
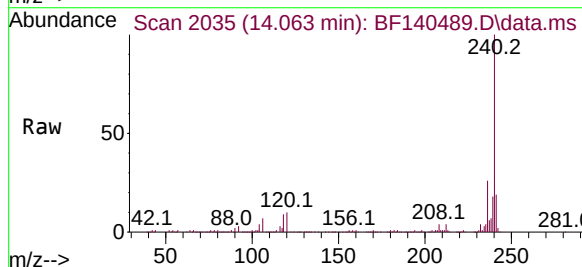
Tgt Ion:240 Resp: 344131

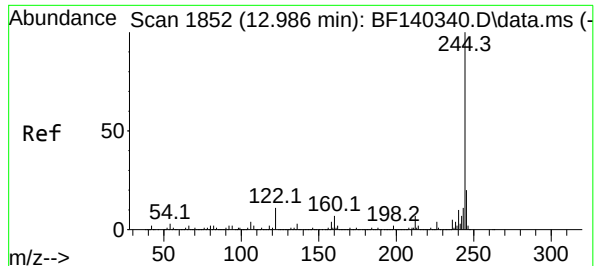
Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 87.109 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB165039BL

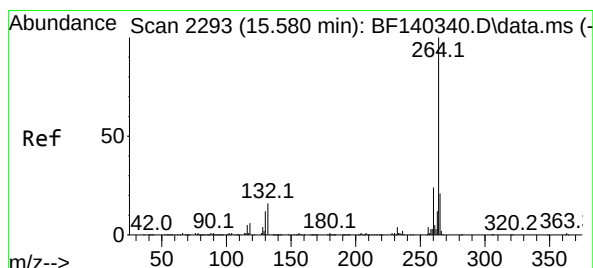
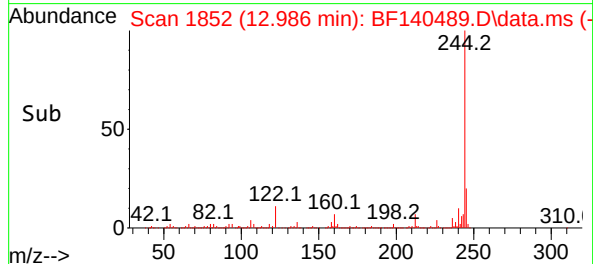
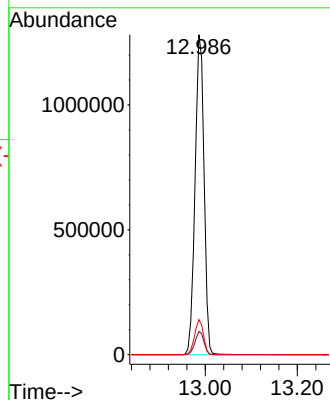
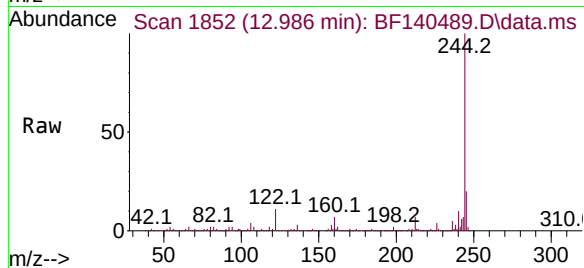
Tgt Ion:244 Resp: 1726980

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.023 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

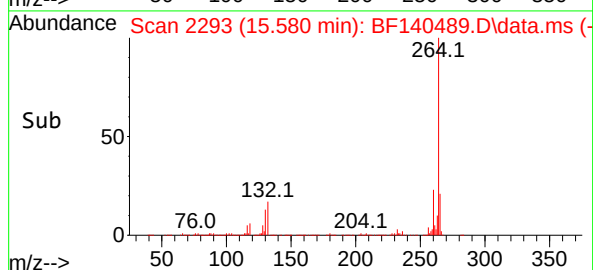
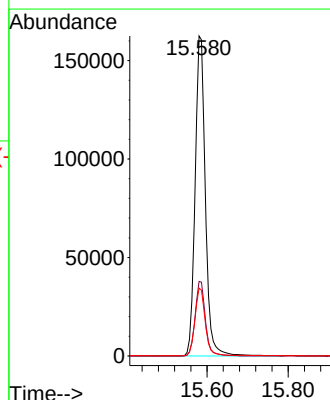
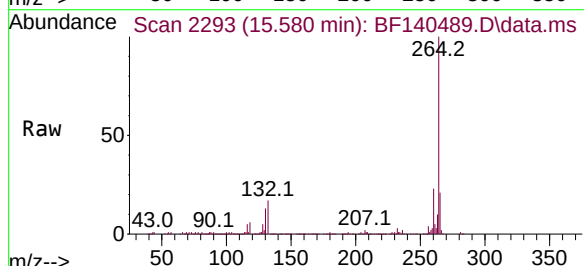
Tgt Ion:264 Resp: 286700

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 17.1 25.7



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140489.D
Acq On : 20 Nov 2024 09:57
Operator : RC/JU
Sample : PB165039BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165039BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140489.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	12	19	26	rVB	41001	70905	1.55%	0.268%
2	3.987	316	322	331	rVB	95429	150167	3.29%	0.567%
3	5.116	508	514	522	rBV	48282	79194	1.73%	0.299%
4	5.510	575	581	600	rBV	2417082	3302440	72.31%	12.478%
5	6.510	745	751	780	rBV	2344799	3363879	73.66%	12.711%
6	6.875	807	813	818	rBV	573925	728824	15.96%	2.754%
7	7.434	901	908	913	rBV	1617215	2234843	48.94%	8.444%
8	8.151	1024	1030	1044	rBV	720891	962735	21.08%	3.638%
9	9.228	1206	1213	1241	rBV	3149911	4342229	95.08%	16.407%
10	9.910	1323	1329	1347	rBV	843430	1127261	24.68%	4.259%
11	10.704	1458	1464	1488	rBV	1861164	2577501	56.44%	9.739%
12	11.398	1577	1582	1598	rBV	952211	1220625	26.73%	4.612%
13	12.986	1846	1852	1857	rBV	3426375	4566859	100.00%	17.256%
14	14.063	2029	2035	2048	rVB	681274	965540	21.14%	3.648%
15	15.580	2287	2293	2308	rVB	436162	772312	16.91%	2.918%

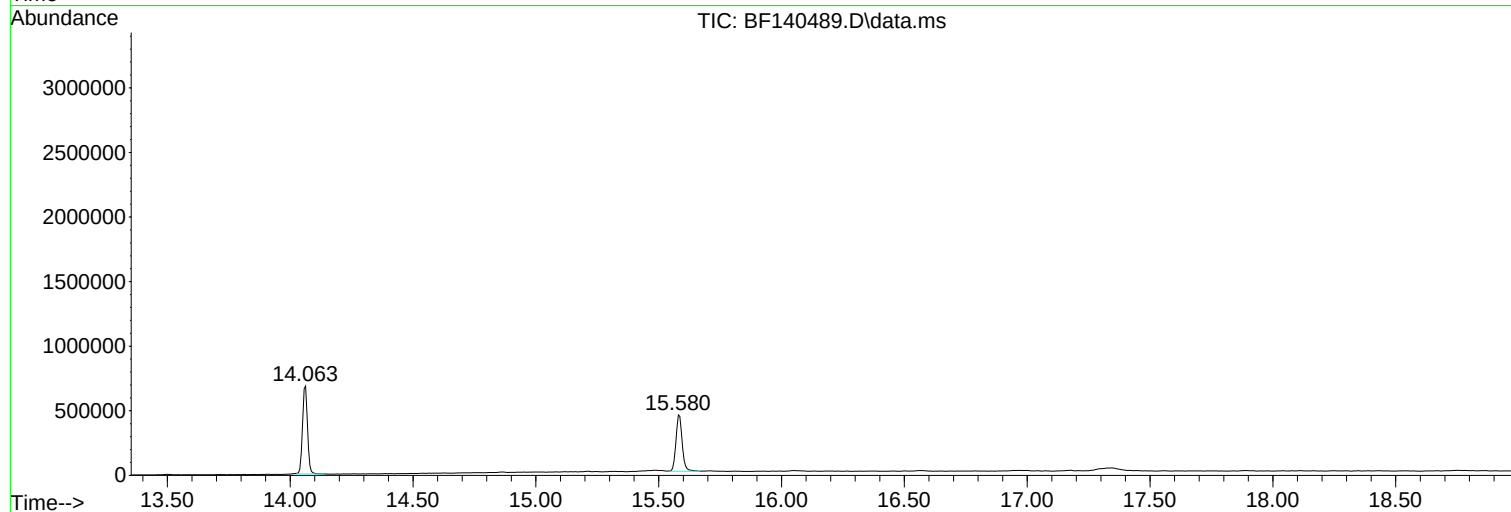
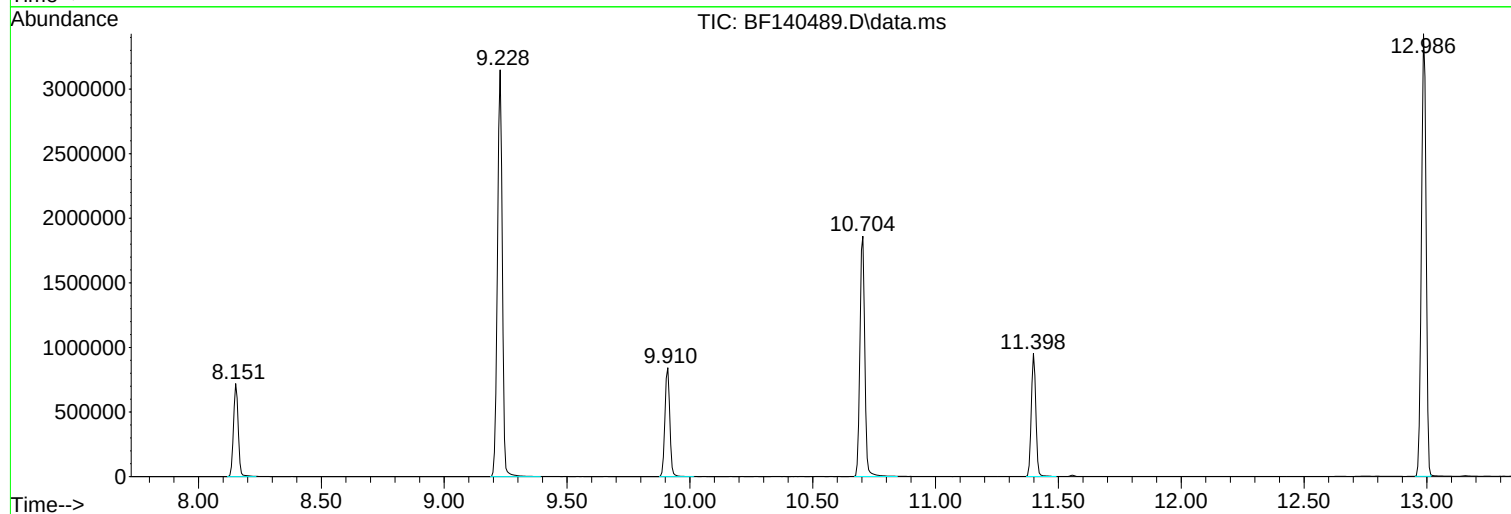
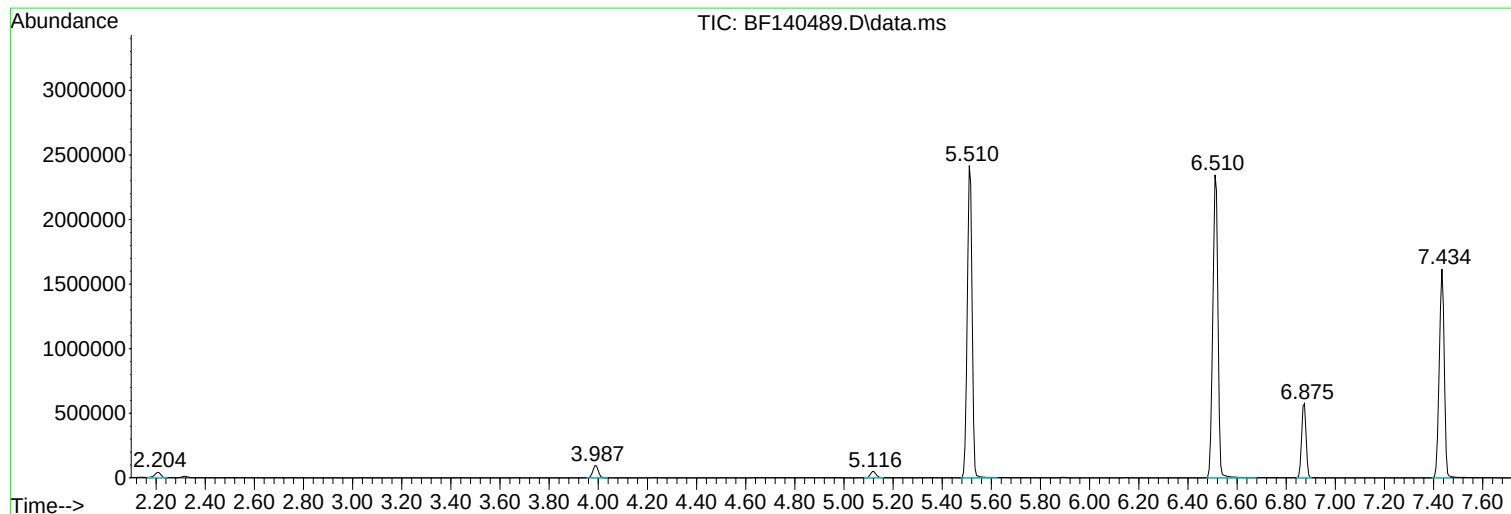
Sum of corrected areas: 26465314

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140489.D
Acq On : 20 Nov 2024 09:57
Operator : RC/JU
Sample : PB165039BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165039BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140489.D
Acq On : 20 Nov 2024 09:57
Operator : RC/JU
Sample : PB165039BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

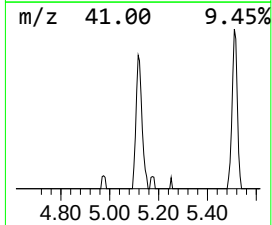
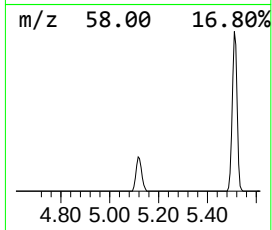
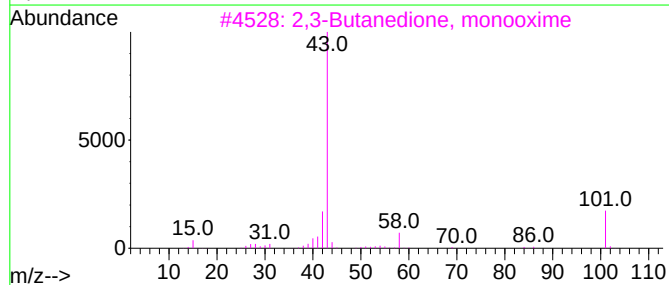
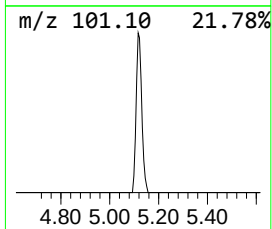
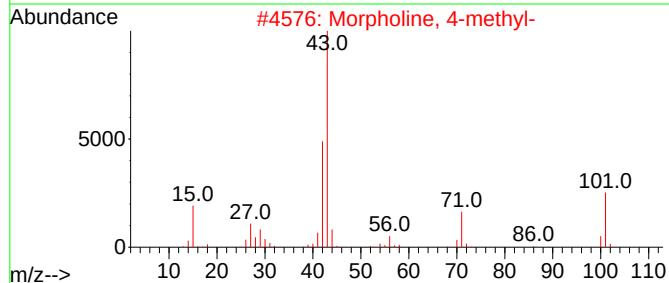
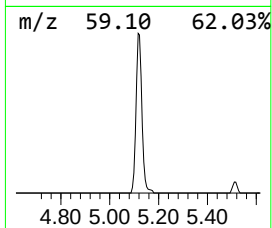
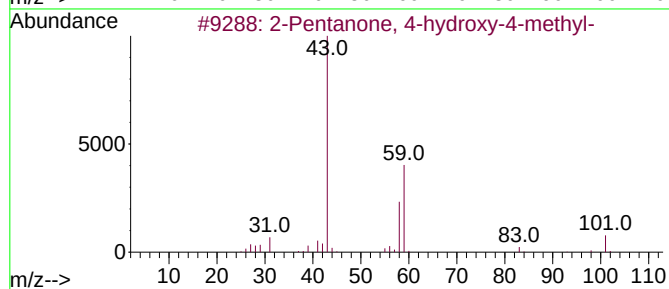
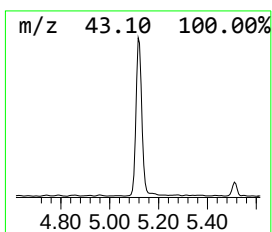
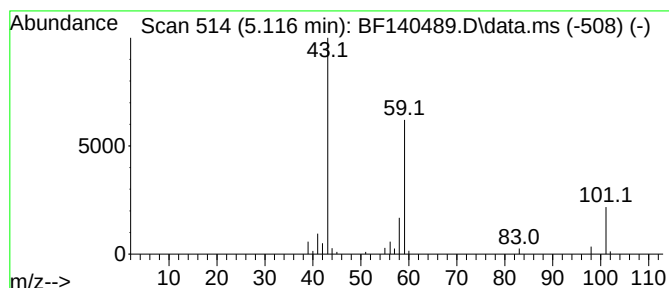
Instrument :
BNA_F
ClientSampleId :
PB165039BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.116	2.17 ng	79194	1,4-Dichlorobenzene-d4	6.875	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140489.D
Acq On : 20 Nov 2024 09:57
Operator : RC/JU
Sample : PB165039BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165039BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	2.2	ng	79194	1	6.875	728824	20.0

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BS	SDG No.:	P4868
Lab Sample ID:	PB165039BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140490.D	1	11/16/24 08:15	11/20/24 10:23	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	38.4		4.00	8.00	10.0	ug/L
108-95-2	Phenol	43.2		0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.6		1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	45.4		0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	43.6		1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.3		1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	42.4		1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.8		1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	42.7		1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	41.1		1.30	4.00	5.00	ug/L
78-59-1	Isophorone	43.3		1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	44.7		2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	54.0		1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.3		1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.8		0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	42.9		1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	22.7		1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.5		1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	44.1		1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	44.8		0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	43.9		1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	42.6		1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	42.8		0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	41.9		0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	43.6		1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	44.1		0.93	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BS	SDG No.:	P4868
Lab Sample ID:	PB165039BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140490.D	1	11/16/24 08:15	11/20/24 10:23	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	46.2		1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	42.9		1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	28.7		1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	49.2		0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	89.3	E	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	81.6	E	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	44.2		0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.1		1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	43.1		1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.3		0.98	4.00	5.00	ug/L
86-73-7	Fluorene	43.3		0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	41.9		2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.3		3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	44.9		0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.1		0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	44.2		1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	49.5		1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	84.3	E	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	44.5		0.89	4.00	5.00	ug/L
120-12-7	Anthracene	46.9		1.10	4.00	5.00	ug/L
86-74-8	Carbazole	43.6		1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.3		1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	43.9		1.30	4.00	5.00	ug/L
129-00-0	Pyrene	46.9		1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	48.3		2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	28.7		1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.9		0.94	4.00	5.00	ug/L
218-01-9	Chrysene	43.9		0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.0		1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	44.6		2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	42.6		1.10	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BS	SDG No.:	P4868
Lab Sample ID:	PB165039BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140490.D	1	11/16/24 08:15	11/20/24 10:23	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	46.2		1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.8		1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.5		1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.1		1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	46.4		1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.9		1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	37.4		1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.2		0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121		19 - 119		81%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 130		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.1		44 - 120		83%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.5		44 - 119		84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		43 - 140		86%	SPK: 150
1718-51-0	Terphenyl-d14	94.8		50 - 134		95%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123000	6.875				
1146-65-2	Naphthalene-d8	469000	8.157				
15067-26-2	Acenaphthene-d10	267000	9.91				
1517-22-2	Phenanthrene-d10	499000	11.404				
1719-03-5	Chrysene-d12	288000	14.057				
1520-96-3	Perylene-d12	231000	15.569				

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\BF112024\
Data File : BF140490.D
Acq On : 20 Nov 2024 10:23
Operator : RC/JU
Sample : PB165039BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel

Quant Time: Nov 20 11:10:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 13 14:40:06 2024

Response via : Initial Calibration

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

Internal Standards

1) 1,4-Dichlorobenzene-d4	6.875	152	123122	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	469130	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	266786	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	499057	20.000	ng	0.00
76) Chrysene-d12	14.057	240	288313	20.000	ng	0.00
86) Perylene-d12	15.569	264	231323	20.000	ng	0.01

11/22/2024

Supervised By :mohammad
Ahmed

System Monitoring Compounds

5) 2-Fluorophenol	5.516	112	873274	121.101	ng	0.02
7) Phenol-d6	6.516	99	1144626	117.158	ng	0.01
23) Nitrobenzene-d5	7.440	82	748263	83.104	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	344061	129.689	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1401959	84.477	ng	0.00
79) Terphenyl-d14	12.986	244	1573985	94.762	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.734	88	120086	37.364	ng	99
3) Pyridine	3.493	79	306476	38.788	ng	99
4) n-Nitrosodimethylamine	3.446	42	168551	42.208	ng	99
6) Aniline	6.540	93	334674	39.378	ng	# 59
8) 2-Chlorophenol	6.663	128	351794	45.415	ng	97
9) Benzaldehyde	6.428	77	225132	38.448	ng	97
10) Phenol	6.528	94	444934	43.184	ng	84
11) bis(2-Chloroethyl)ether	6.610	93	339985	43.550	ng	100
12) 1,3-Dichlorobenzene	6.816	146	358353	41.929	ng	99
13) 1,4-Dichlorobenzene	6.893	146	367350	42.389	ng	99
14) 1,2-Dichlorobenzene	7.046	146	353286	43.913	ng	98
15) Benzyl Alcohol	7.016	79	319937	45.452	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	445198	41.286	ng	72
17) 2-Methylphenol	7.134	107	277897	43.611	ng	# 93
18) Hexachloroethane	7.381	117	136773	42.691	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	248880	42.178	ng	99
20) 3+4-Methylphenols	7.287	107	348702	43.757	ng	96
22) Acetophenone	7.281	105	462395	42.379	ng	98
24) Nitrobenzene	7.457	77	385664	41.139	ng	99
25) Isophorone	7.693	82	691142	43.311	ng	100
26) 2-Nitrophenol	7.769	139	185887	44.684	ng	98
27) 2,4-Dimethylphenol	7.810	122	287663	54.012	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	423430	43.274	ng	100
29) 2,4-Dichlorophenol	8.016	162	294883	44.800	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	303866	41.465	ng	99
31) Naphthalene	8.175	128	1021057	42.905	ng	100
32) Benzoic acid	7.940	122	196648	41.961	ng	97
33) 4-Chloroaniline	8.228	127	187809	22.692	ng	98
34) Hexachlorobutadiene	8.293	225	198317	42.474	ng	99
35) Caprolactam	8.592	113	96402m	44.065	ng	
36) 4-Chloro-3-methylphenol	8.716	107	326768	44.797	ng	99
37) 2-Methylnaphthalene	8.869	142	670405	43.933	ng	100
38) 1-Methylnaphthalene	8.969	142	621859	41.615	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	316611	42.916	ng	99
41) Hexachlorocyclopentadiene	9.016	237	296374	156.464	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	213600	44.118	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140490.D
 Acq On : 20 Nov 2024 10:23
 Operator : RC/JU
 Sample : PB165039BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Nov 20 11:10:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

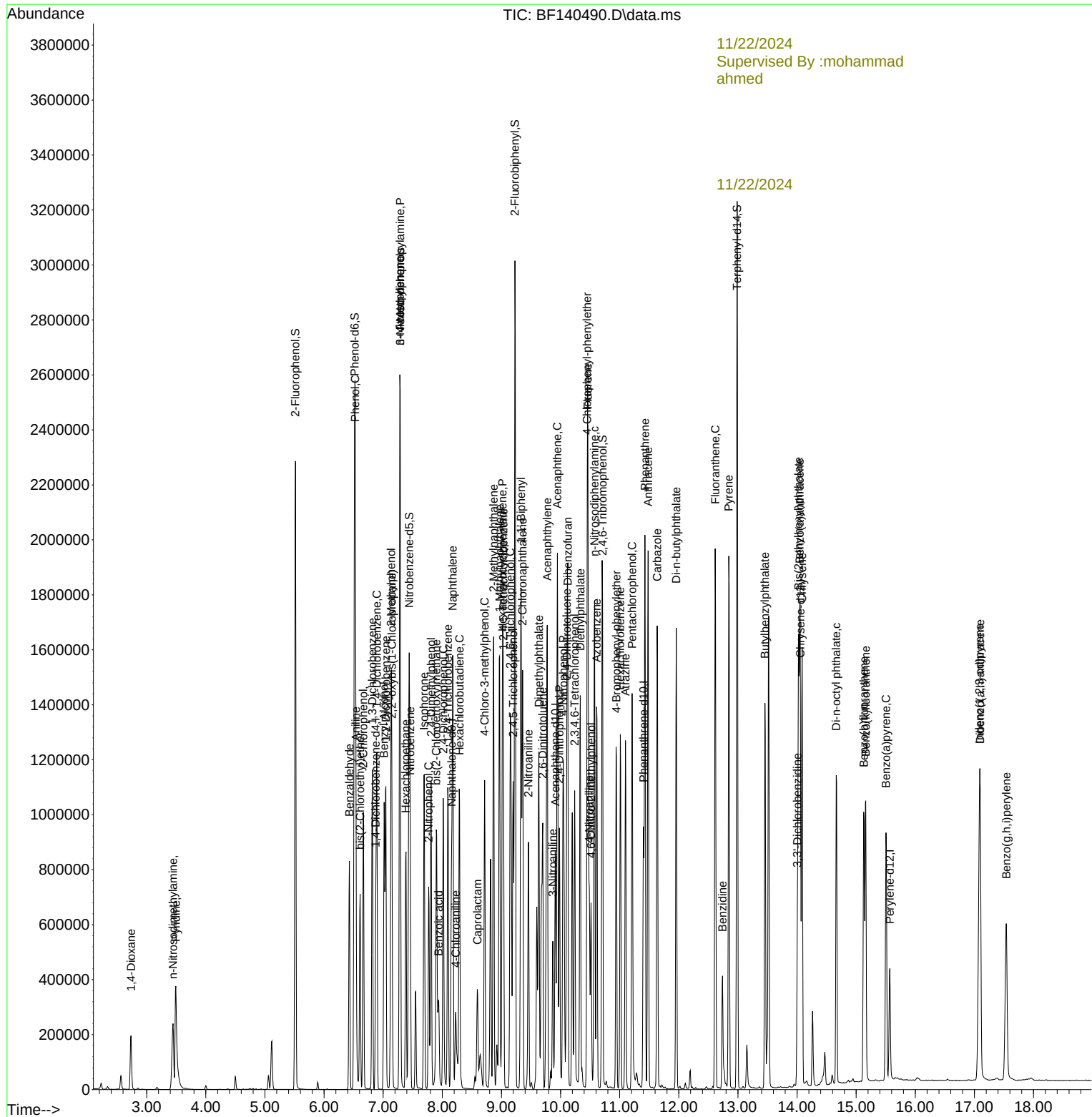
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	225620	42.623	ng	98
46) 1,1'-Biphenyl	9.334	154	831455	42.839	ng	99
47) 2-Chloronaphthalene	9.357	162	619595	41.908	ng	99
48) 2-Nitroaniline	9.457	65	213573	43.558	ng	99
49) Acenaphthylene	9.775	152	1032642	46.164	ng	100
50) Dimethylphthalate	9.634	163	767413	44.131	ng	100
51) 2,6-Dinitrotoluene	9.698	165	169885	42.853	ng	96
52) Acenaphthene	9.945	154	742616m	49.152	ng	11/22/2024
53) 3-Nitroaniline	9.869	138	119399	28.679	ng	98
54) 2,4-Dinitrophenol	9.981	184	182599	89.319	ng	99
55) Dibenzofuran	10.122	168	945064	44.186	ng	99
56) 4-Nitrophenol	10.045	139	247829	81.609	ng	98
57) 2,4-Dinitrotoluene	10.104	165	224954	43.116	ng	98
58) Fluorene	10.463	166	730865	43.256	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	189017	45.224	ng	99
60) Diethylphthalate	10.334	149	766473	43.105	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	361576	43.346	ng	99
62) 4-Nitroaniline	10.486	138	178376	41.903	ng	100
63) Azobenzene	10.610	77	752699	42.842	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	127111	47.340	ng	97
66) n-Nitrosodiphenylamine	10.575	169	647570	44.909	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	219858	44.072	ng	98
68) Hexachlorobenzene	11.010	284	248327	44.242	ng	99
69) Atrazine	11.098	200	215817	49.470	ng	99
70) Pentachlorophenol	11.210	266	254817	84.279	ng	98
71) Phenanthrene	11.428	178	1042842	44.483	ng	100
72) Anthracene	11.481	178	1077211	46.884	ng	100
73) Carbazole	11.633	167	988923	43.591	ng	100
74) Di-n-butylphthalate	11.957	149	1206217	44.299	ng	100
75) Fluoranthene	12.616	202	1154082	43.879	ng	99
77) Benzidine	12.739	184	262307	23.705	ng	99
78) Pyrene	12.845	202	1156753	46.905	ng	99
80) Butylbenzylphthalate	13.457	149	457787	48.322	ng	99
81) Benzo(a)anthracene	14.045	228	887946	46.861	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	173127	28.745	ng	99
83) Chrysene	14.086	228	759099	43.906	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	593875	46.964	ng	99
85) Di-n-octyl phthalate	14.663	149	793712	44.567	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	721322	50.479	ng	100
88) Benzo(b)fluoranthene	15.127	252	644433	42.587	ng	100
89) Benzo(k)fluoranthene	15.163	252	571544	46.235	ng	100
90) Benzo(a)pyrene	15.504	252	573657	48.818	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	591563	50.083	ng	100
92) Benzo(g,h,i)perylene	17.539	276	560505	46.417	ng	99

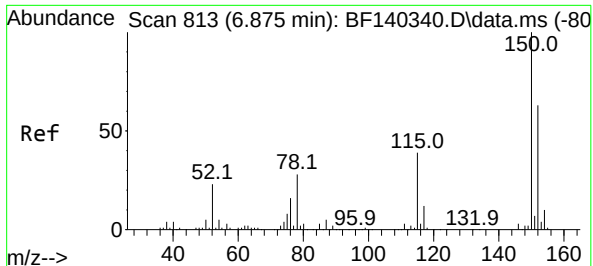
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Manual Integrations

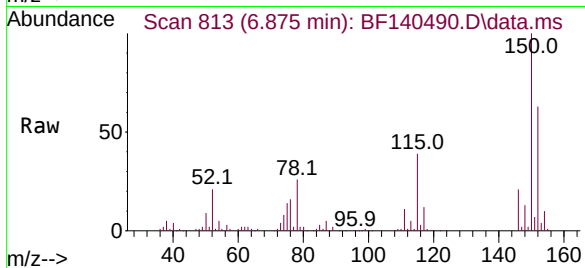
Reviewed By :Yogesh Patel





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

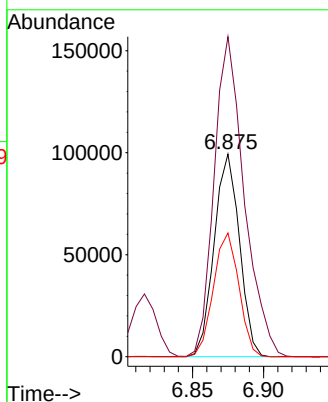
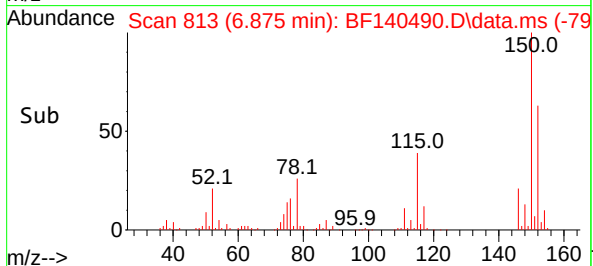
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:152 Resp: 12312
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.0
115 61.1 47.4 71.2

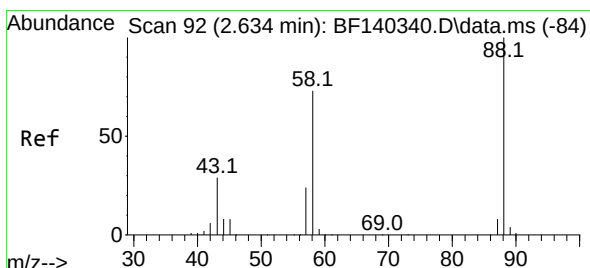
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



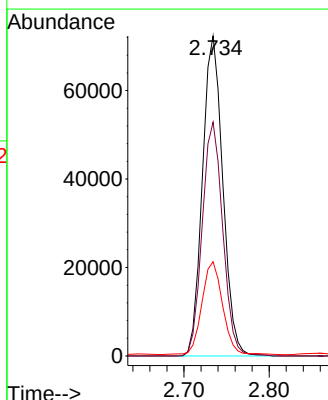
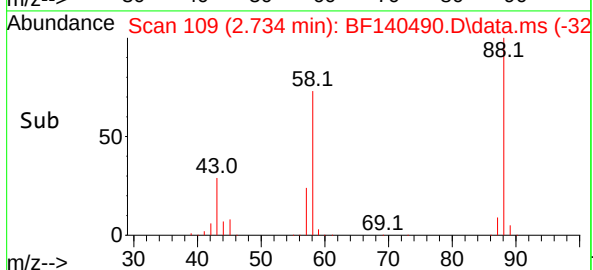
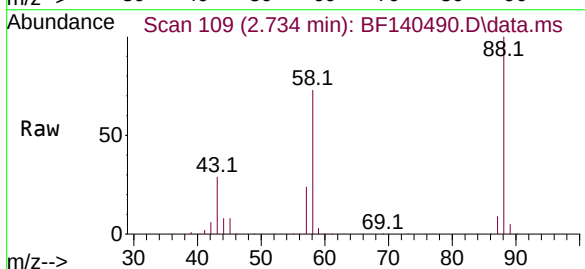
11/22/2024
Supervised By :mohammad
ahmed

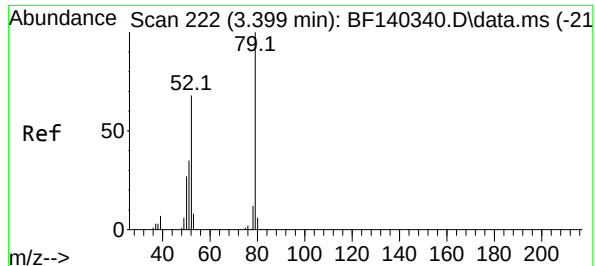
11/22/2024



#2
1,4-Dioxane
Concen: 37.364 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 88 Resp: 120086
Ion Ratio Lower Upper
88 100
58 73.6 59.5 89.3
43 29.6 23.4 35.2





#3

Pyridine

Concen: 38.788 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion: 79 Resp: 306470

Ion Ratio Lower Upper

79 100

52 67.2 53.8 80.6

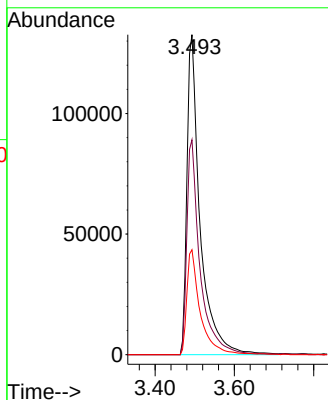
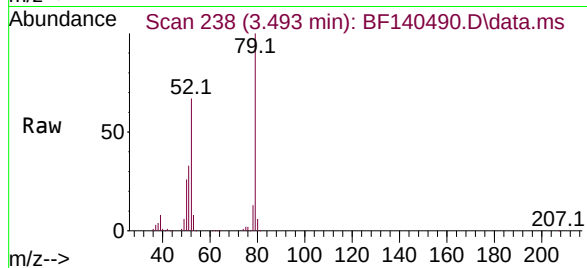
51 32.8 27.3 40.9

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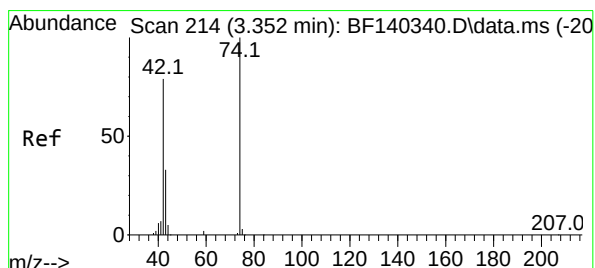
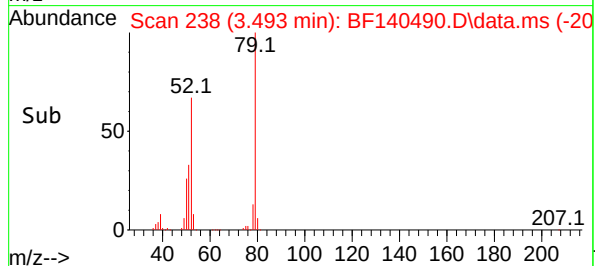
Patel



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Supervised By :mohammad
ahmed

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#4

n-Nitrosodimethylamine

Concen: 42.208 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

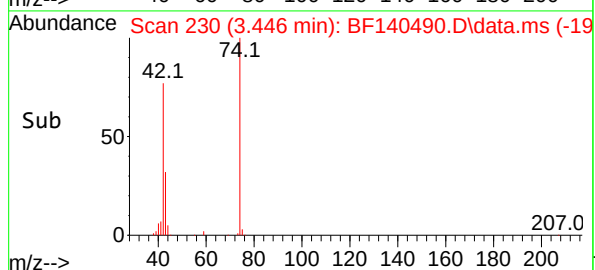
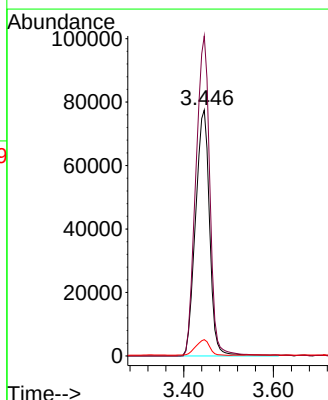
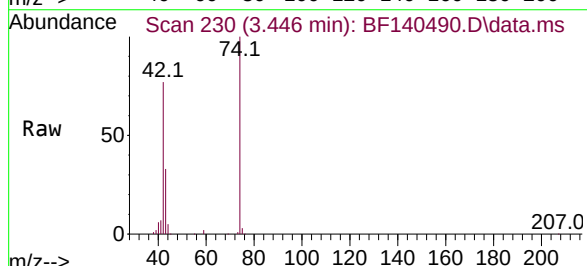
Tgt Ion: 42 Resp: 168551

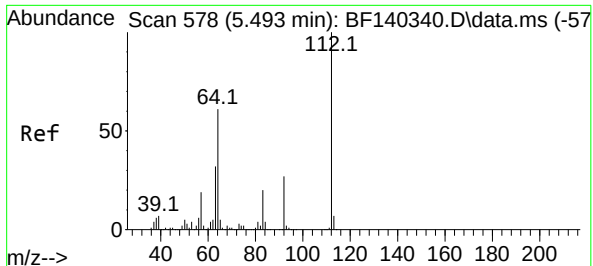
Ion Ratio Lower Upper

42 100

74 130.1 103.5 155.3

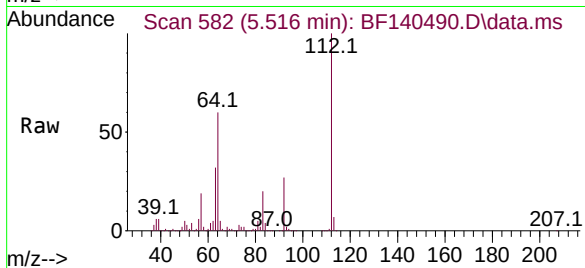
44 6.7 5.1 7.7





#5
2-Fluorophenol
Concen: 121.101 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

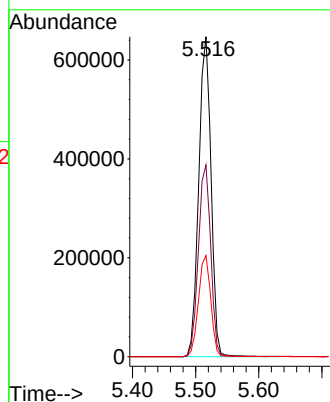
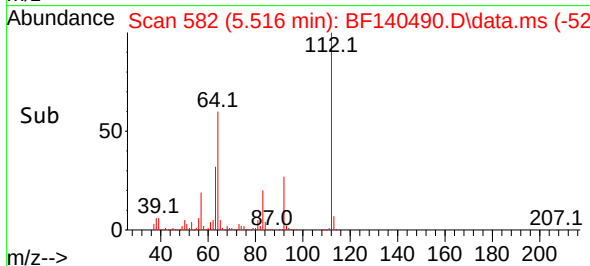
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion: 112 Resp: 873274
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.6 25.6 38.4

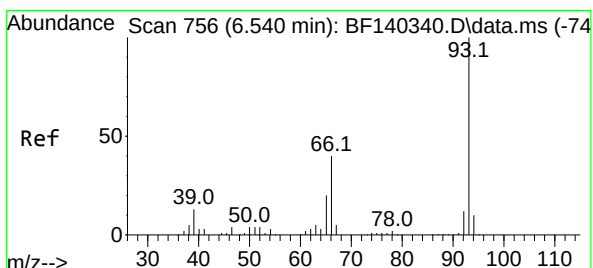
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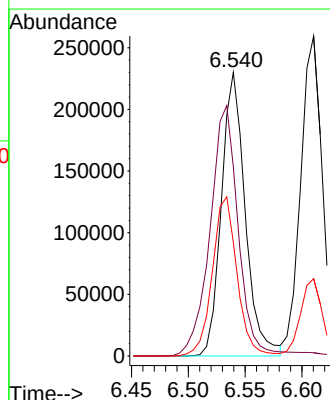
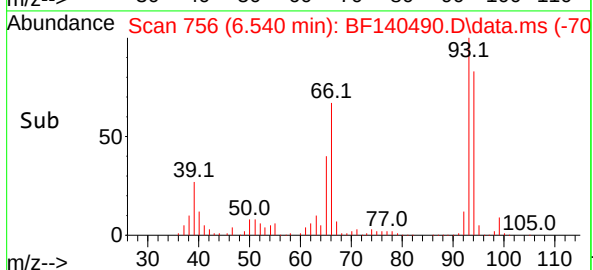
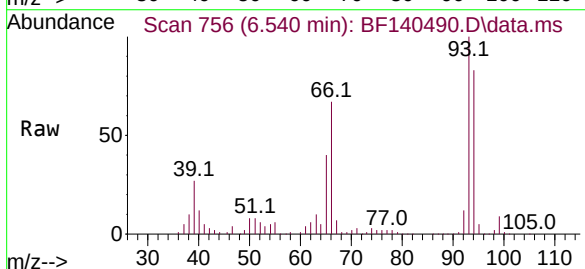
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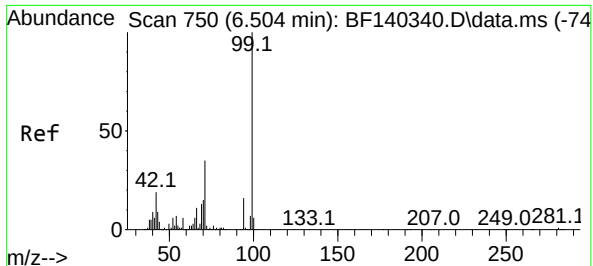
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#6
Aniline
Concen: 39.378 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

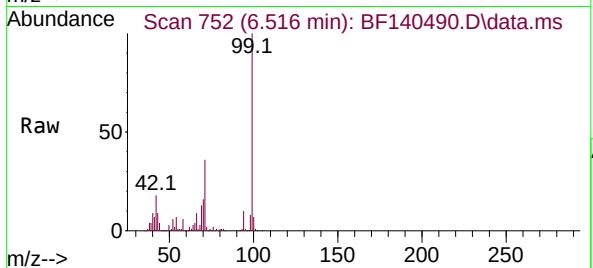
Tgt Ion: 93 Resp: 334674
Ion Ratio Lower Upper
93 100
66 66.7 32.8 49.2#
65 40.1 16.6 25.0#





#7
Phenol-d6
Concen: 117.158 ng
RT: 6.516 min Scan# 750
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

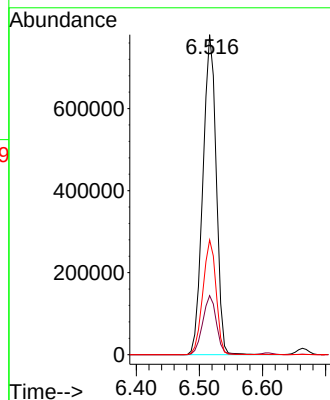
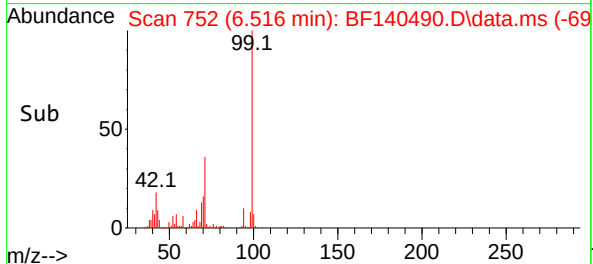
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion: 99 Resp: 1144620
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.9 27.9 41.9

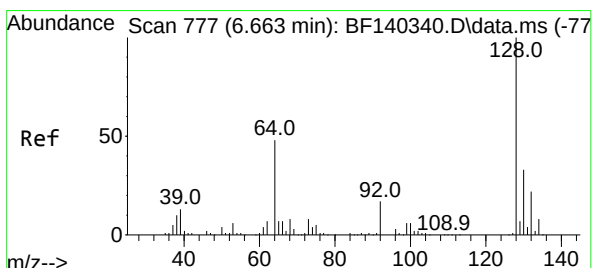
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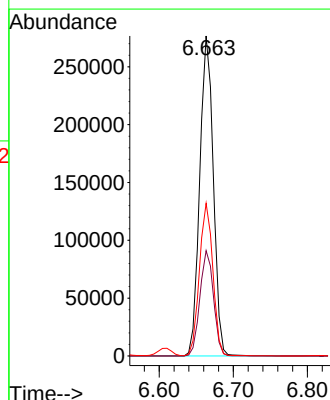
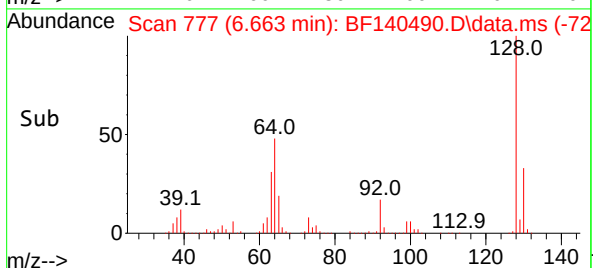
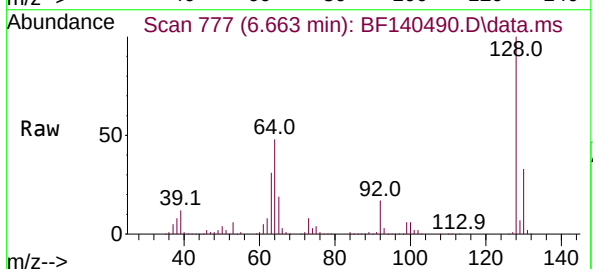
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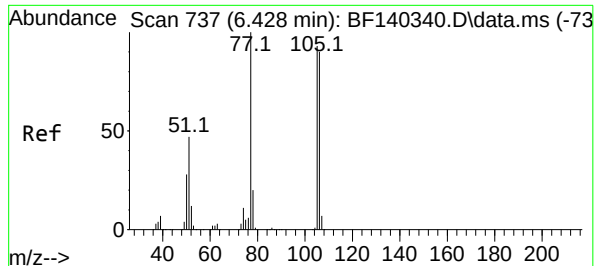
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#8
2-Chlorophenol
Concen: 45.415 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:128 Resp: 351794
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 47.7 30.2 70.2





#9

Benzaldehyde

Concen: 38.448 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140490.D

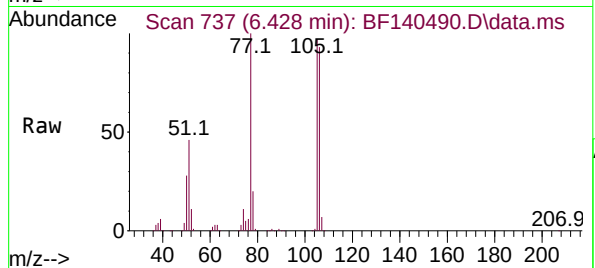
Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS



Tgt Ion: 77 Resp: 22513

Ion Ratio Lower Upper

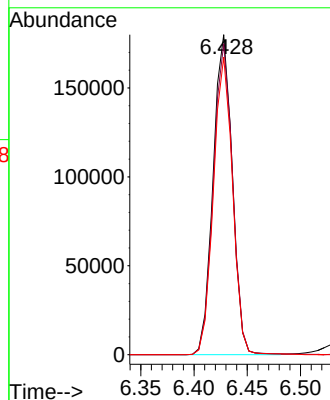
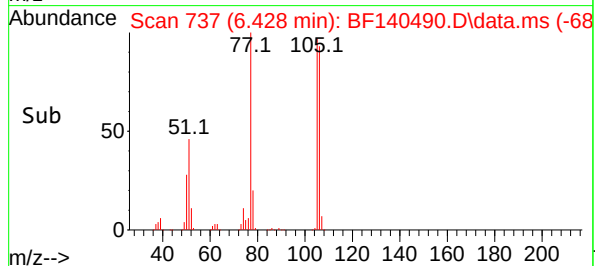
77 100

105 97.2 74.4 114.4

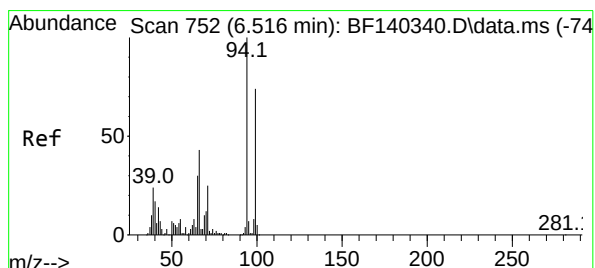
106 93.0 69.9 109.9

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#10

Phenol

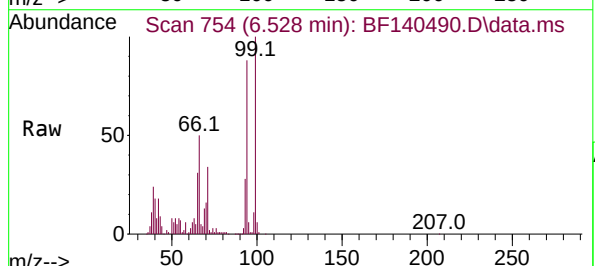
Concen: 43.184 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23



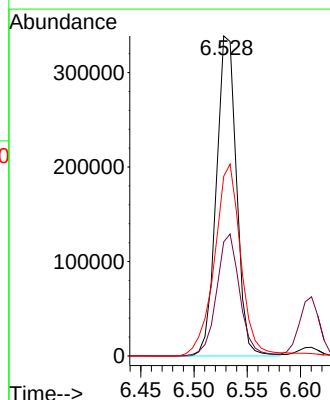
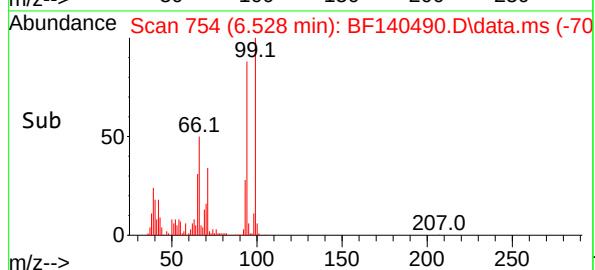
Tgt Ion: 94 Resp: 444934

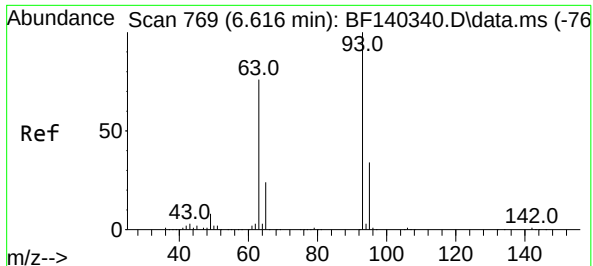
Ion Ratio Lower Upper

94 100

65 35.7 10.4 50.4

66 56.1 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 43.550 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion: 93 Resp: 33998

Ion Ratio Lower Upper

93 100

63 74.2 54.0 94.0

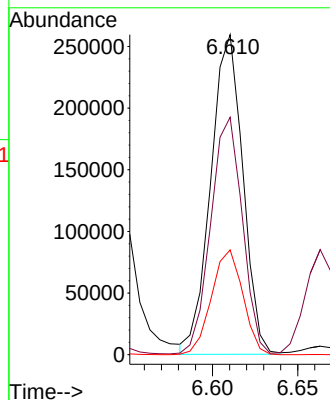
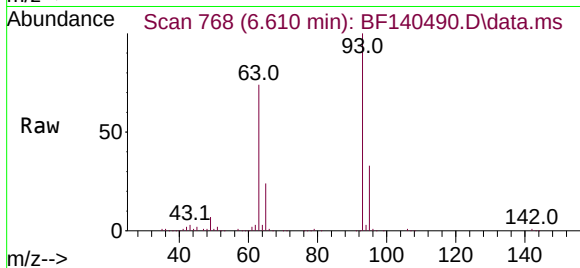
95 32.7 12.9 52.9

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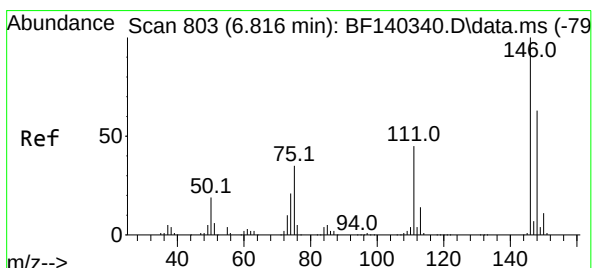
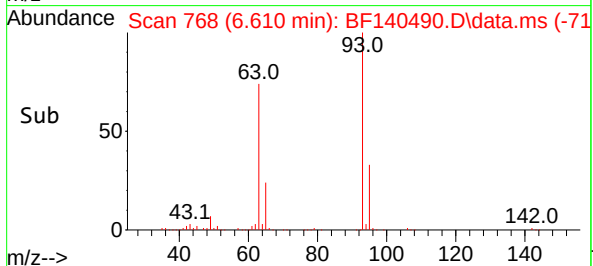
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ahmed

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#12

1,3-Dichlorobenzene

Concen: 41.929 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

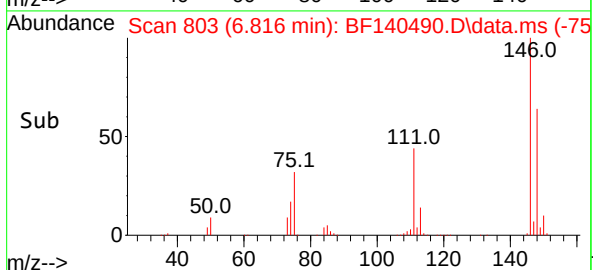
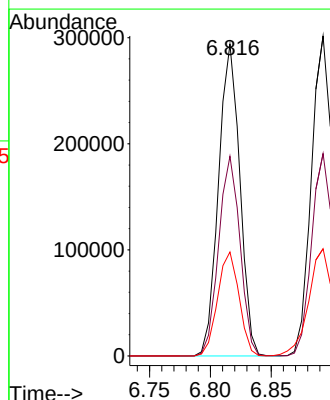
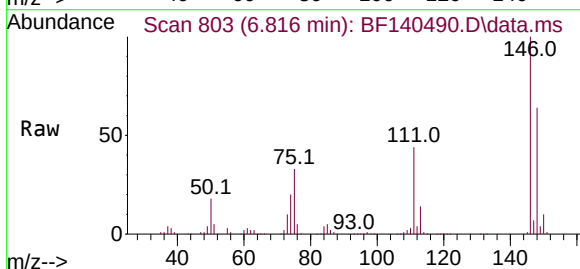
Tgt Ion:146 Resp: 358353

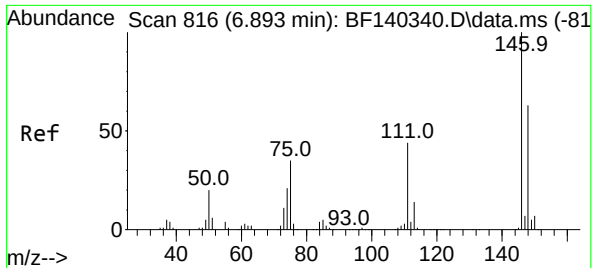
Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

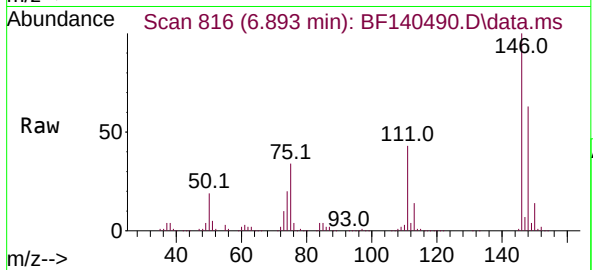
75 33.4 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 42.389 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

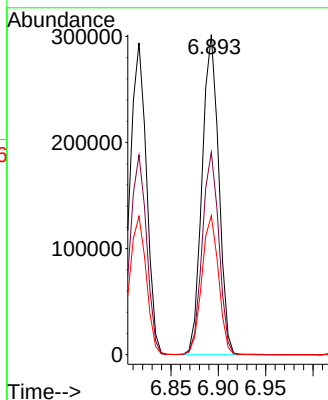
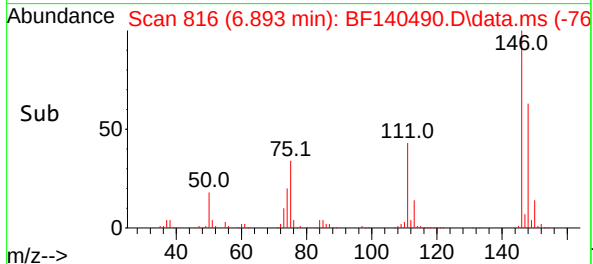
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:146 Resp: 367350
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 43.4 34.2 51.2

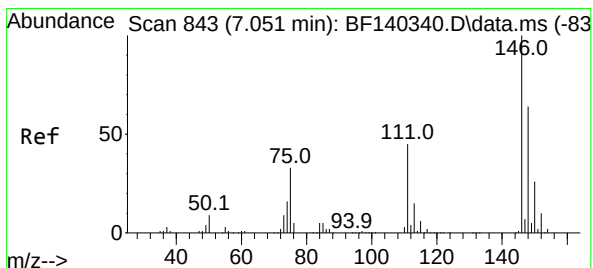
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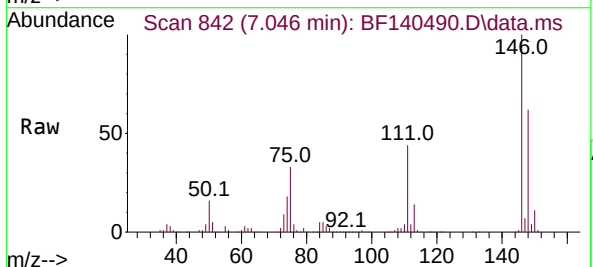


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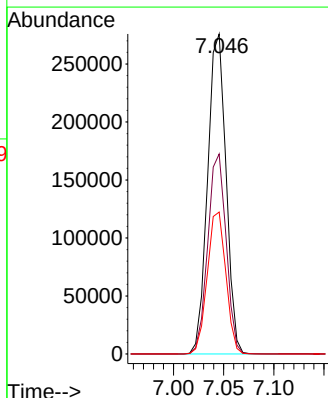
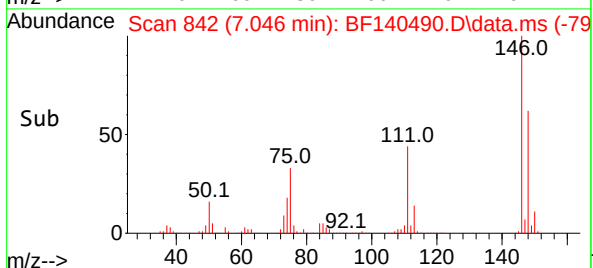
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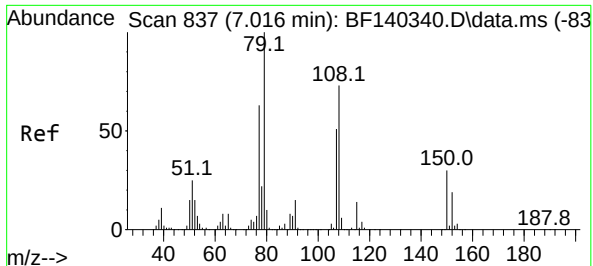


#14
1,2-Dichlorobenzene
Concen: 43.913 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



Tgt Ion:146 Resp: 353286
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 44.4 36.5 54.7





#15

Benzyl Alcohol

Concen: 45.452 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion: 79 Resp: 31993

Ion Ratio Lower Upper

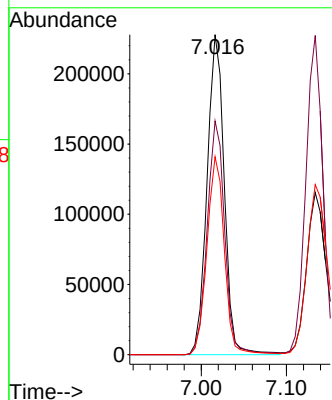
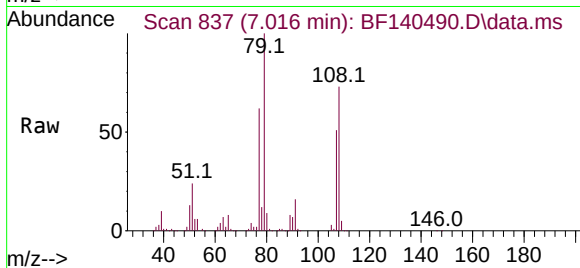
79 100

108 73.1 57.8 86.6

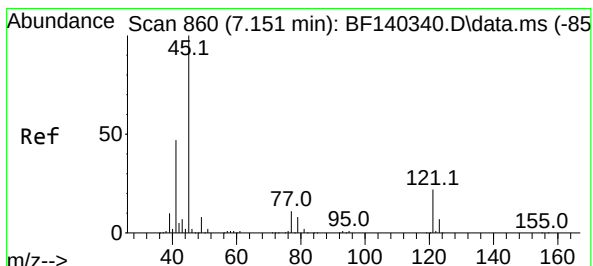
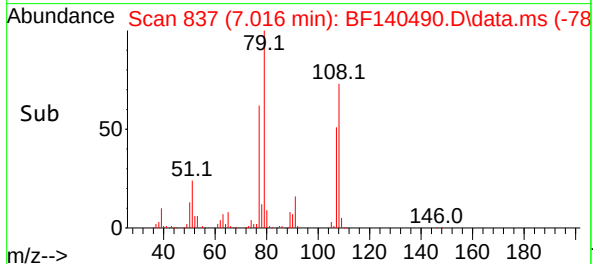
77 61.8 49.8 74.6

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ahmed

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.286 ng

RT: 7.146 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

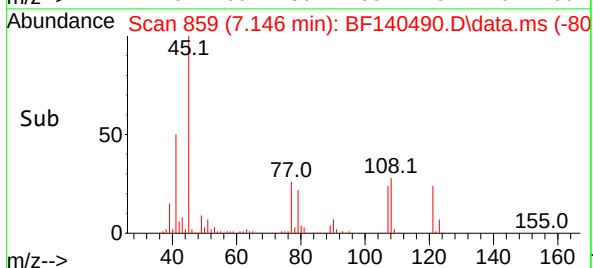
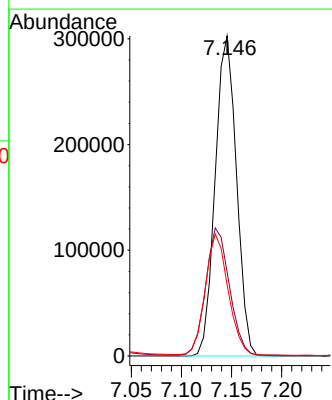
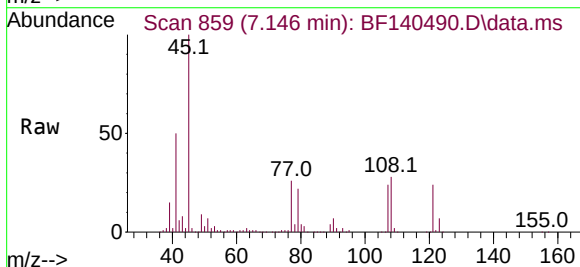
Tgt Ion: 45 Resp: 445198

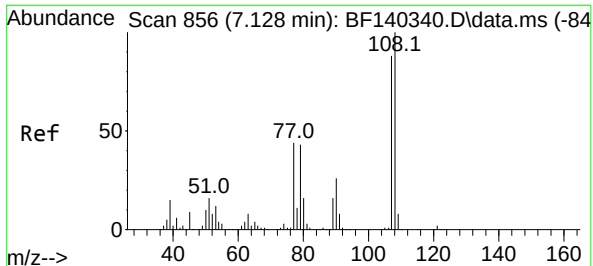
Ion Ratio Lower Upper

45 100

77 26.3 0.0 34.8

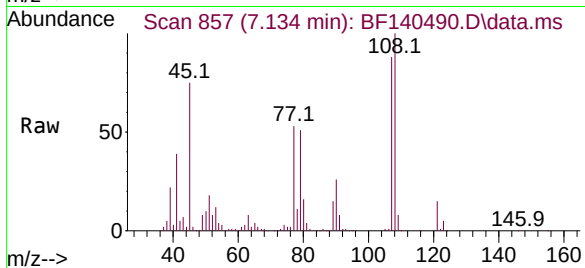
79 22.3 0.0 31.4





#17
2-Methylphenol
Concen: 43.611 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

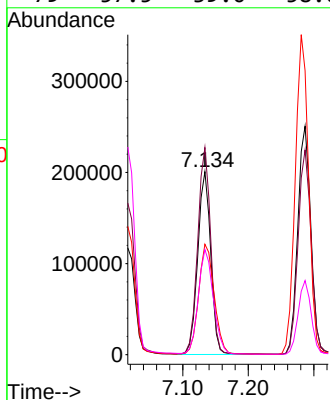
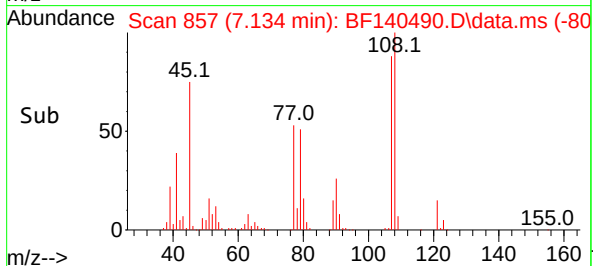
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:107 Resp: 27789
Ion Ratio Lower Upper
107 100
108 113.2 91.9 137.9
77 60.3 39.7 59.5
79 57.5 39.0 58.6

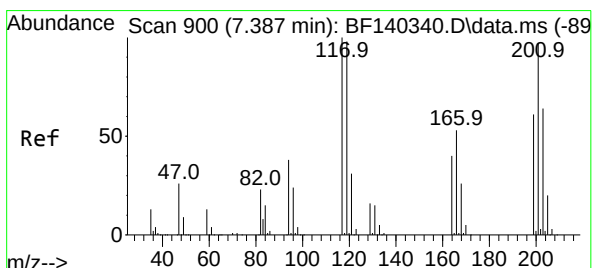
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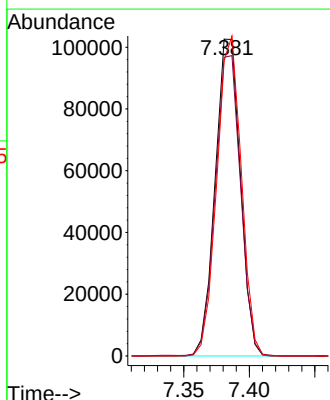
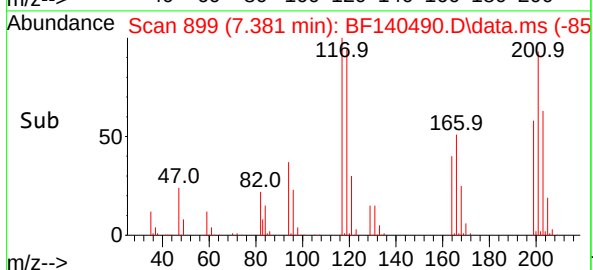
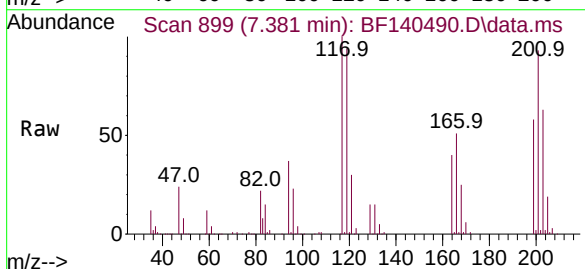
11/22/2024
Supervised By :mohammad
ahmed

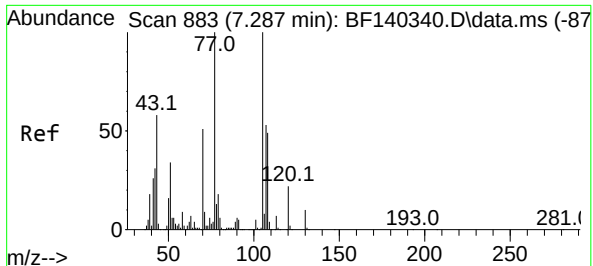
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#18
Hexachloroethane
Concen: 42.691 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:117 Resp: 136773
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3
201 93.2 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.178 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF140490.D

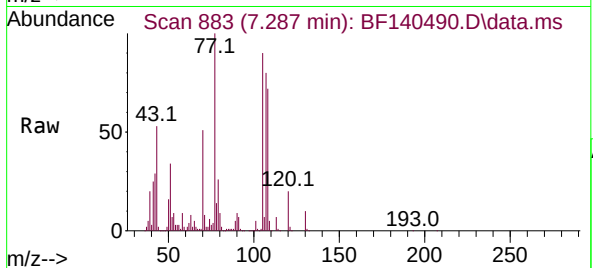
Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS



Tgt Ion: 70 Resp: 248880

Ion Ratio Lower Upper

70 100

42 57.8 46.8 70.2

101 9.6 7.5 11.3

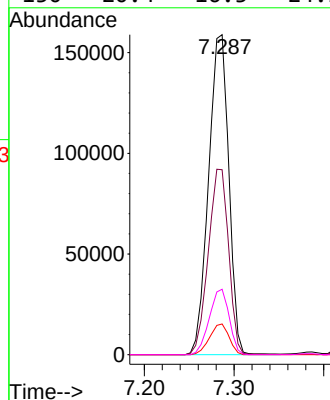
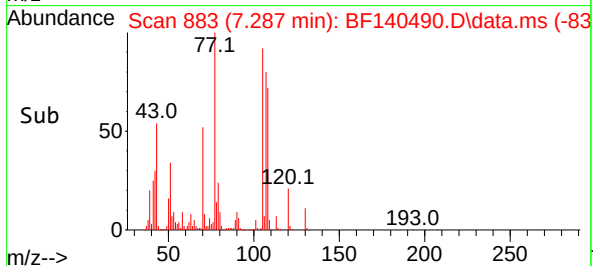
130 20.4 16.3 24.5

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Reviewed By :Yogesh

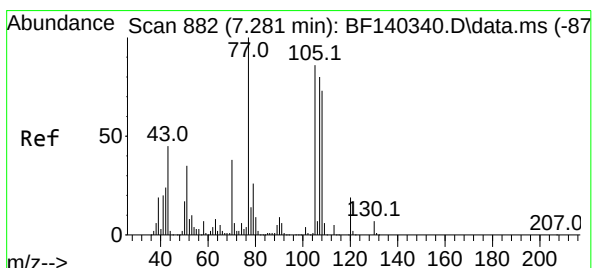
Patel



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#20

3+4-Methylphenols

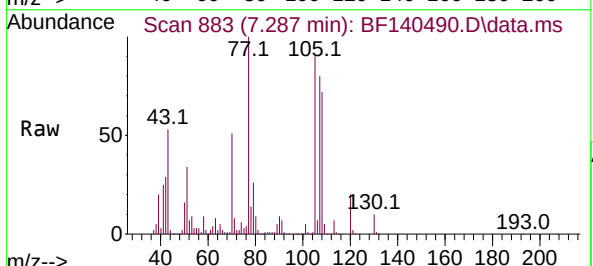
Concen: 43.757 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23



Tgt Ion:107 Resp: 348702

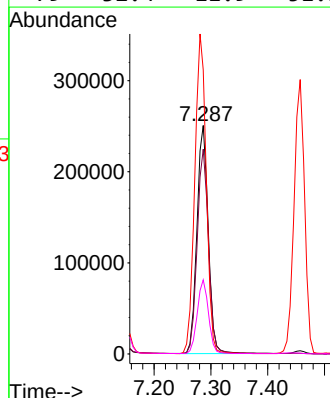
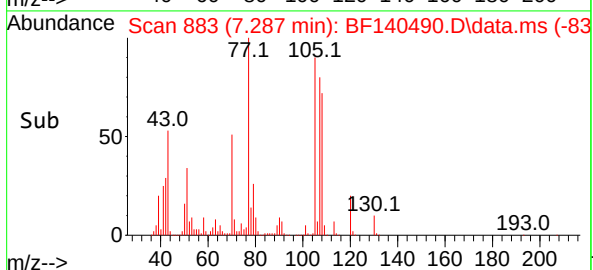
Ion Ratio Lower Upper

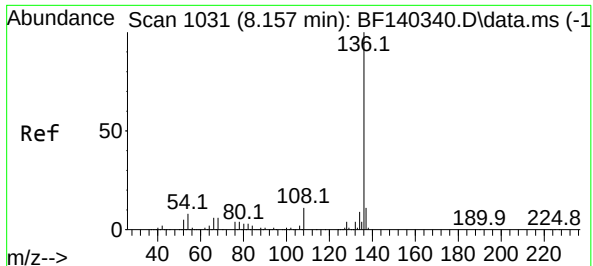
107 100

108 89.6 71.4 111.4

77 124.3 97.0 137.0

79 32.4 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:136 Resp: 469130

Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.6 6.5 9.7

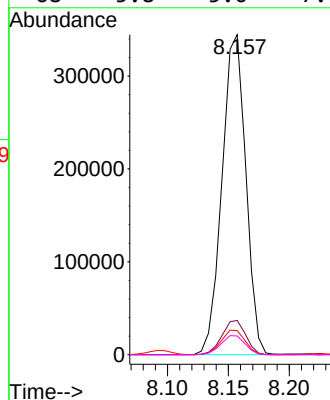
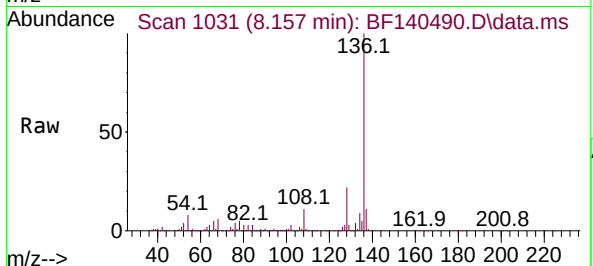
68 5.8 5.0 7.6

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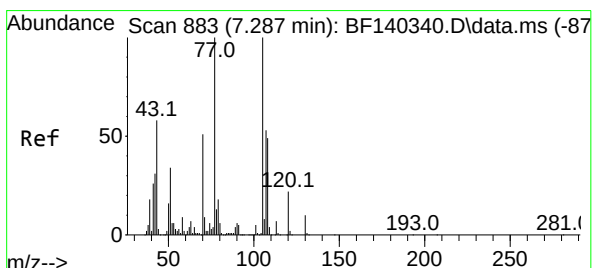
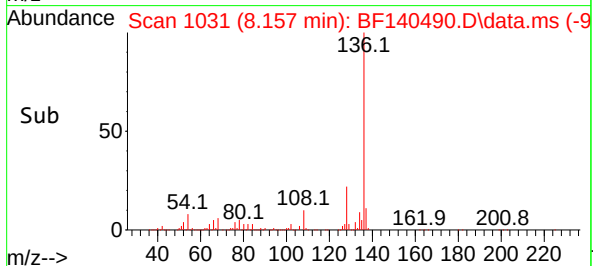
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#22

Acetophenone

Concen: 42.379 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Tgt Ion:105 Resp: 462395

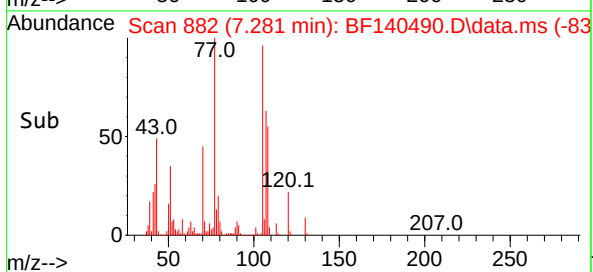
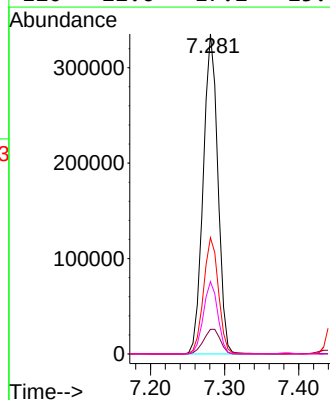
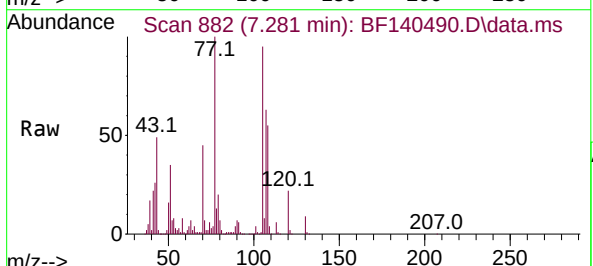
Ion Ratio Lower Upper

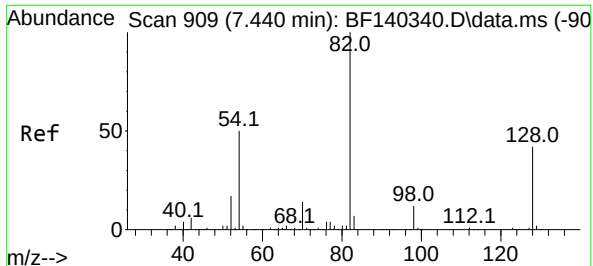
105 100

71 7.7 6.9 10.3

51 36.4 28.6 43.0

120 22.6 17.2 25.8





#23

Nitrobenzene-d5

Concen: 83.104 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion: 82 Resp: 74826

Ion Ratio Lower Upper

82 100

128 43.3 33.3 49.9

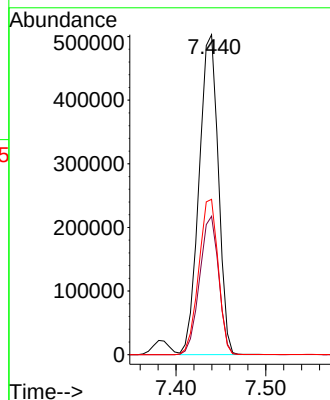
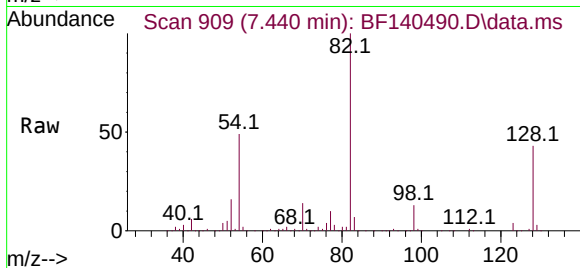
54 48.6 39.8 59.8

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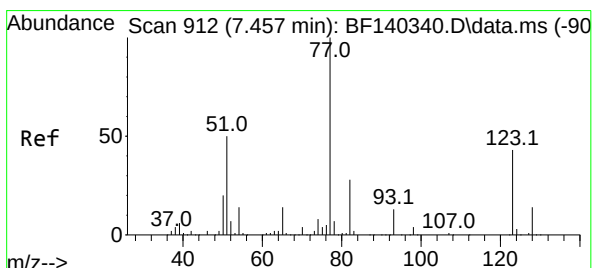
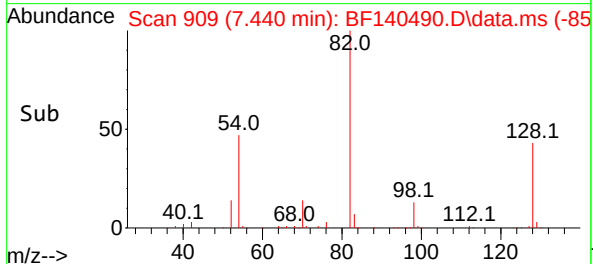
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#24

Nitrobenzene

Concen: 41.139 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

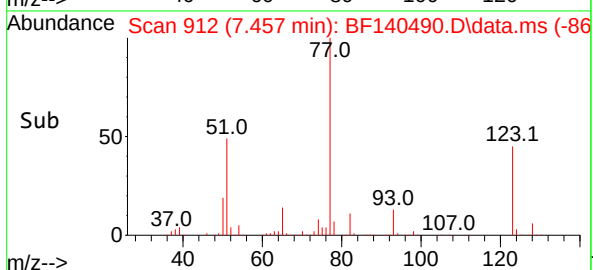
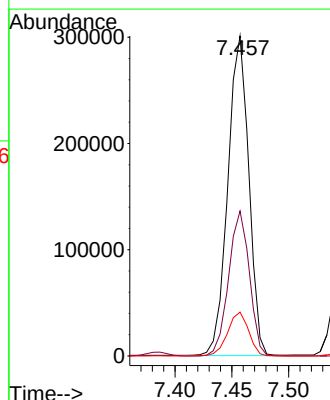
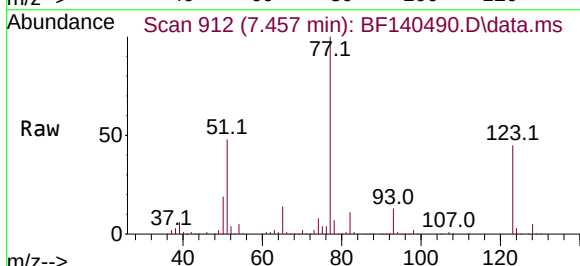
Tgt Ion: 77 Resp: 385664

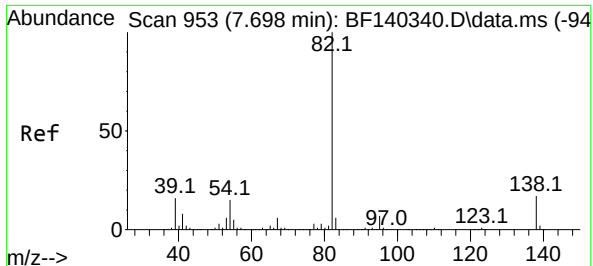
Ion Ratio Lower Upper

77 100

123 45.3 35.4 53.0

65 13.7 11.1 16.7





#25

Isophorone

Concen: 43.311 ng

RT: 7.693 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion: 82 Resp: 69114

Ion Ratio Lower Upper

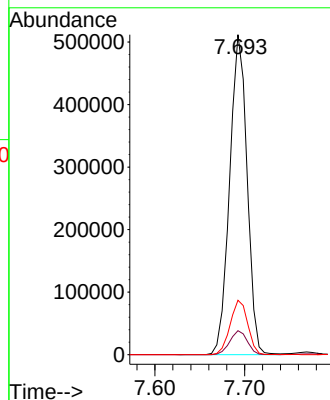
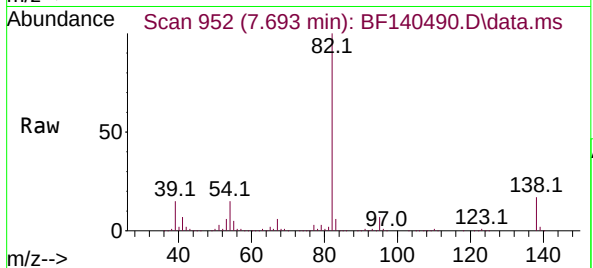
82 100

95 7.5 5.9 8.9

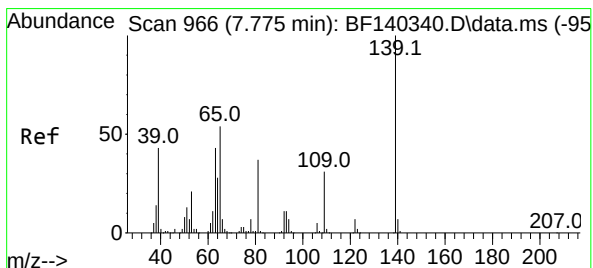
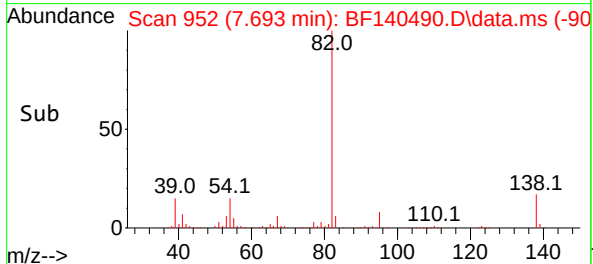
138 17.0 13.4 20.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.684 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

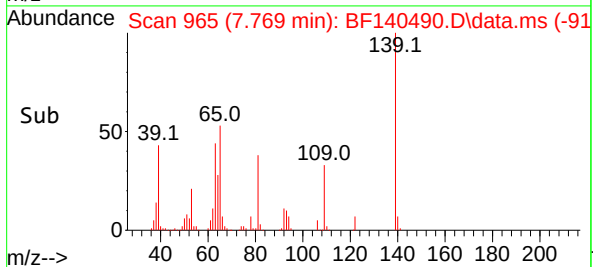
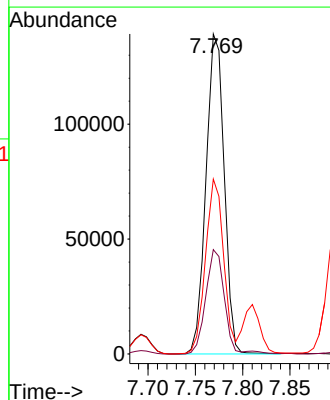
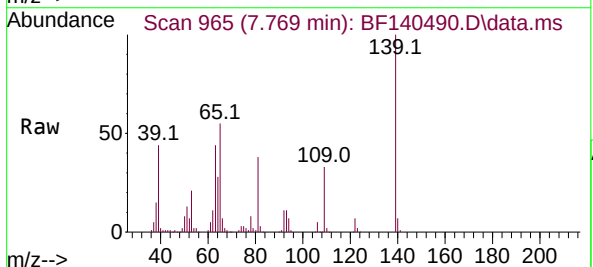
Tgt Ion:139 Resp: 185887

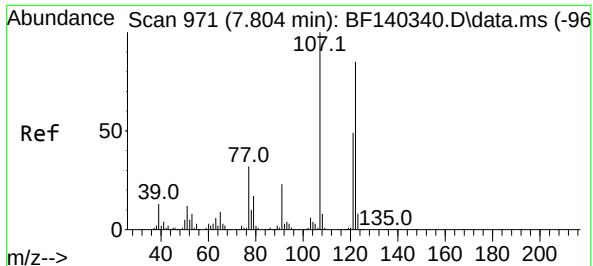
Ion Ratio Lower Upper

139 100

109 32.6 24.4 36.6

65 54.7 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 54.012 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:122 Resp: 28766

Ion Ratio Lower Upper

122 100

107 114.9 91.3 136.9

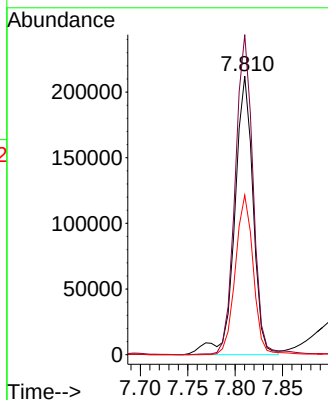
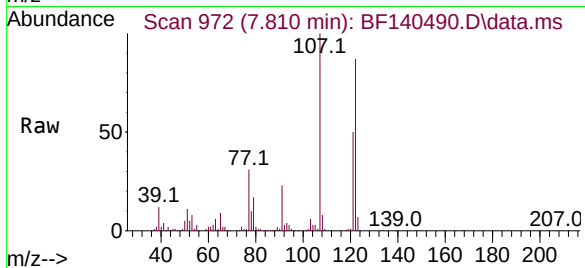
121 57.3 45.5 68.3

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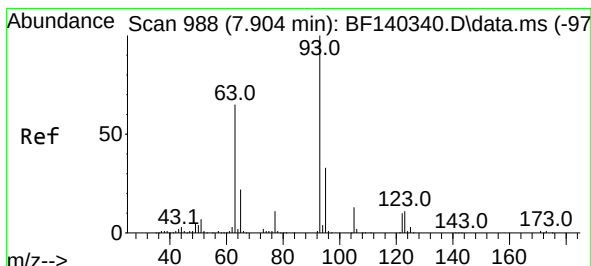
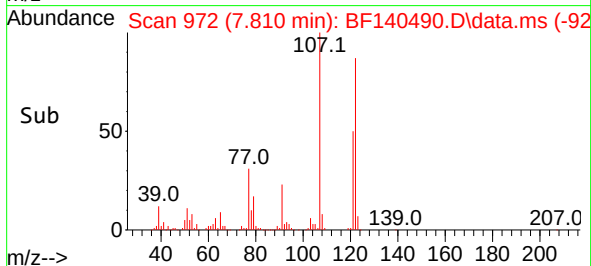
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ahmed

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#28

bis(2-Chloroethoxy)methane

Concen: 43.274 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

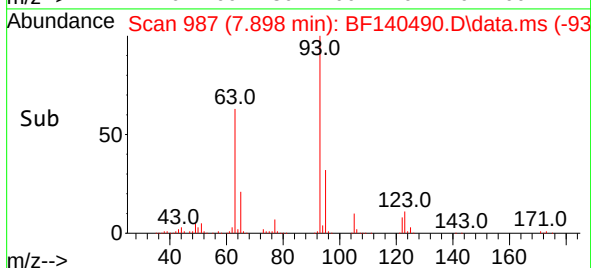
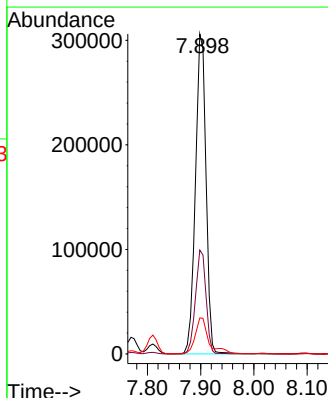
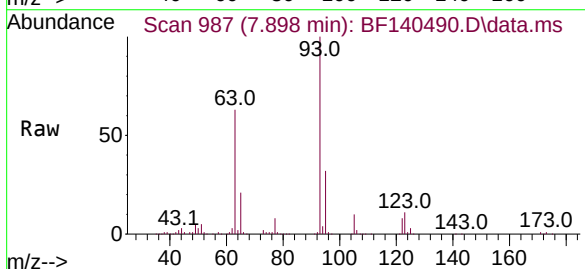
Tgt Ion: 93 Resp: 423430

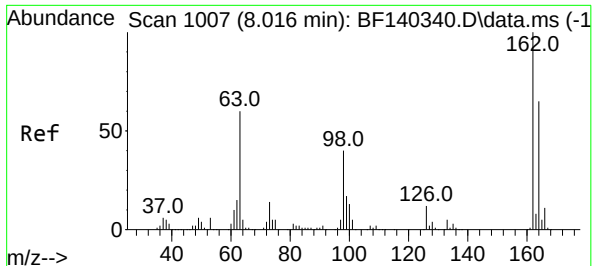
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

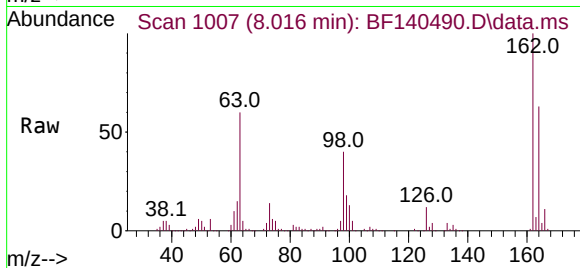
123 11.3 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 44.800 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

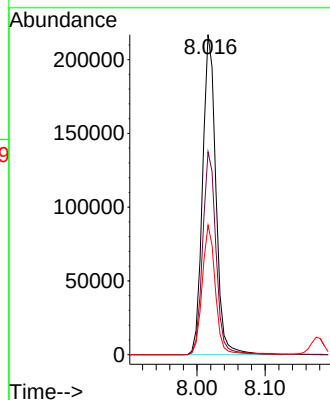
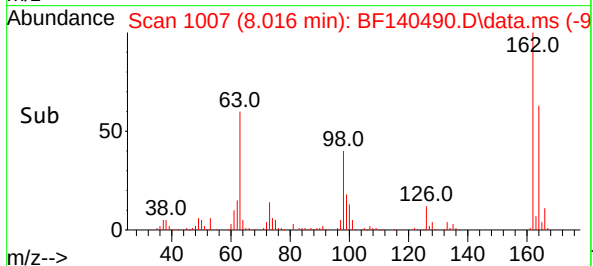
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:162 Resp: 29488
Ion Ratio Lower Upper
162 100
164 63.4 45.4 85.4
98 40.5 19.9 59.9

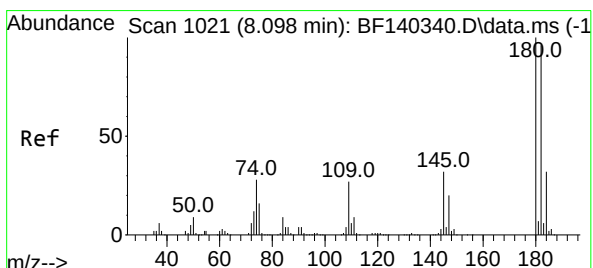
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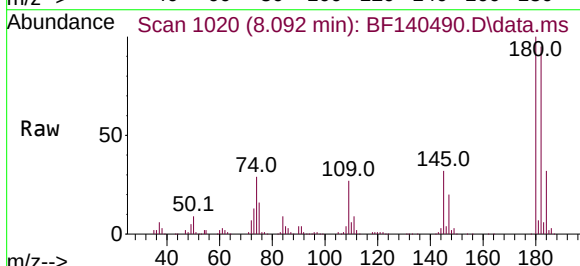


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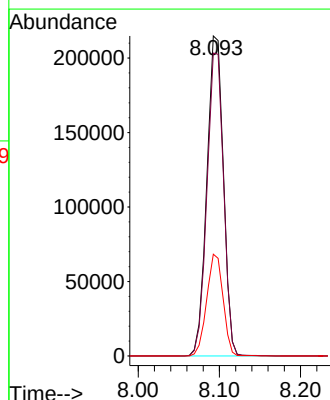
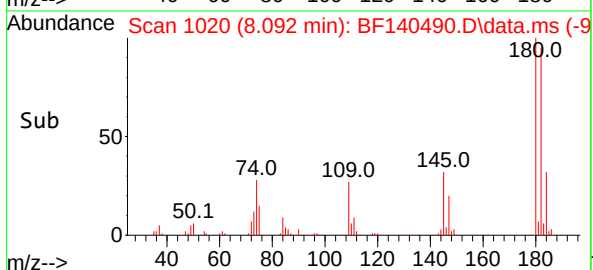
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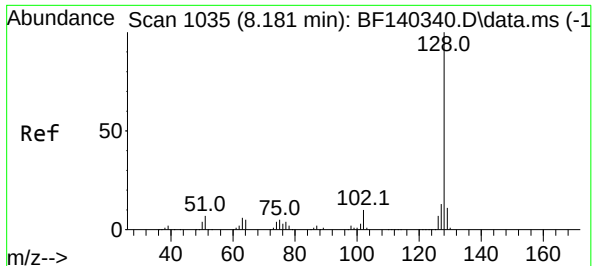


#30
1,2,4-Trichlorobenzene
Concen: 41.465 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



Tgt Ion:180 Resp: 303866
Ion Ratio Lower Upper
180 100
182 94.7 76.5 114.7
145 31.8 25.3 37.9





#31

Naphthalene

Concen: 42.905 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:128 Resp: 102105

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

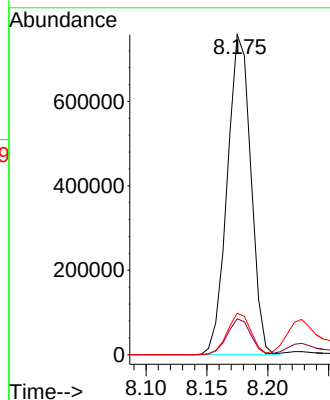
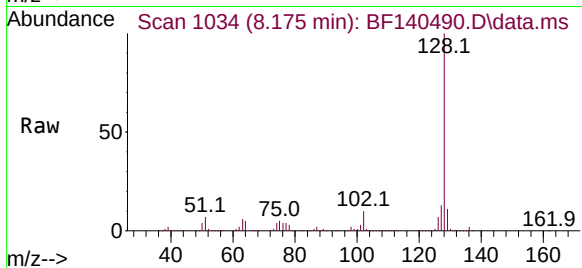
127 12.9 10.6 15.8

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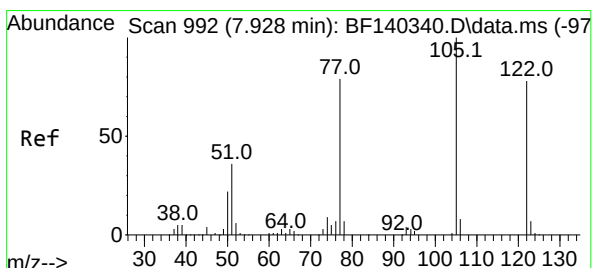
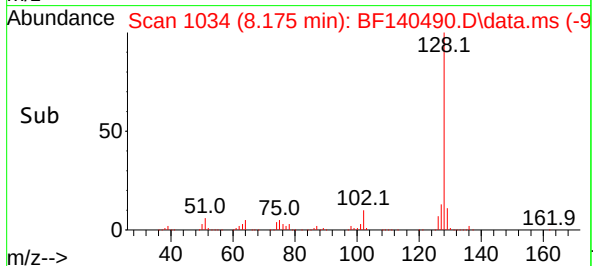
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#32

Benzoic acid

Concen: 41.961 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

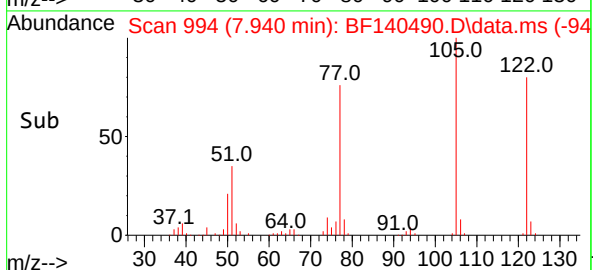
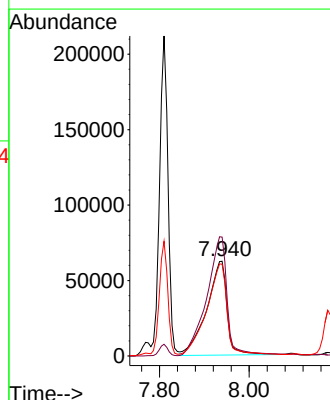
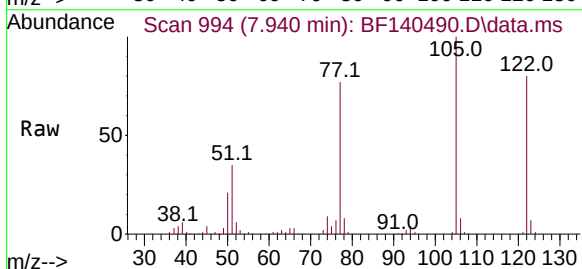
Tgt Ion:122 Resp: 196648

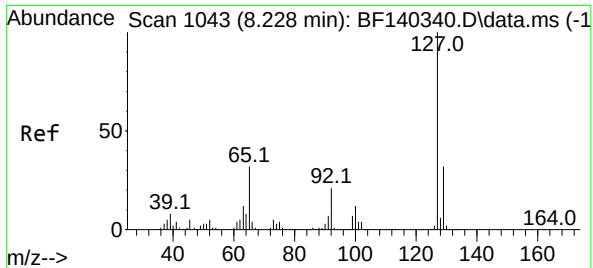
Ion Ratio Lower Upper

122 100

105 125.4 100.9 140.9

77 96.9 76.0 116.0





#33
4-Chloroaniline
Concen: 22.692 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

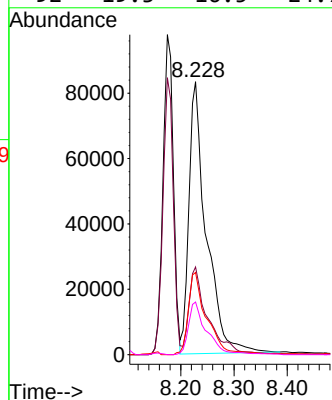
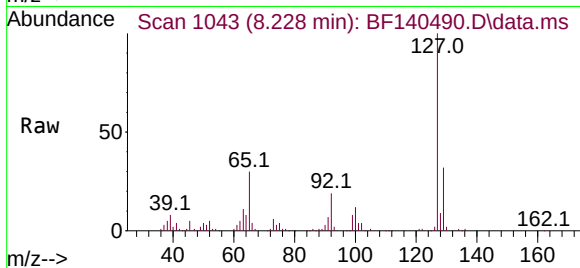
ClientSampleId :

PB165039BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	30.2	25.8	38.6
92	19.3	16.5	24.7

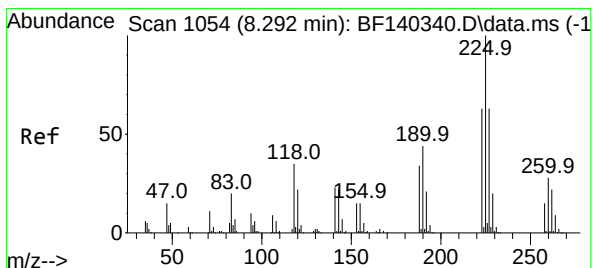
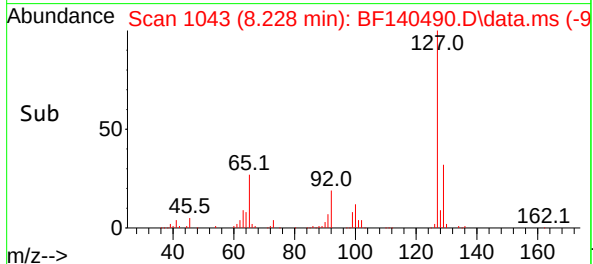
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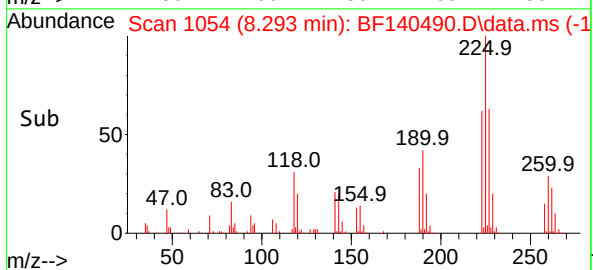
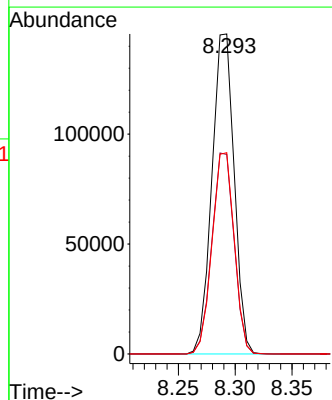
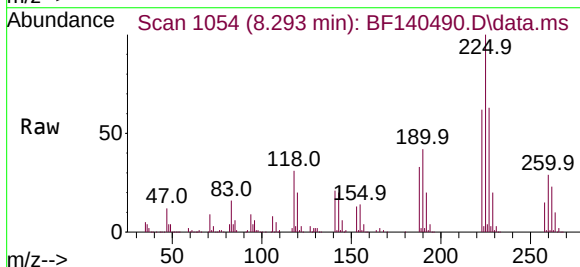
11/22/2024
Supervised By :mohammad
ahmed

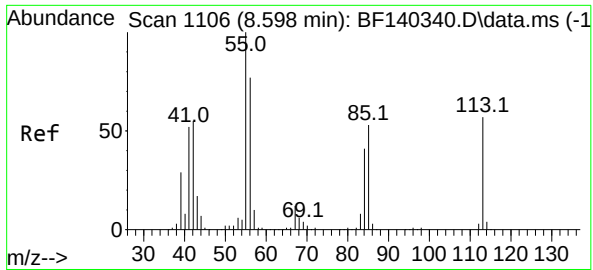
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#34
Hexachlorobutadiene
Concen: 42.474 ng
RT: 8.293 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

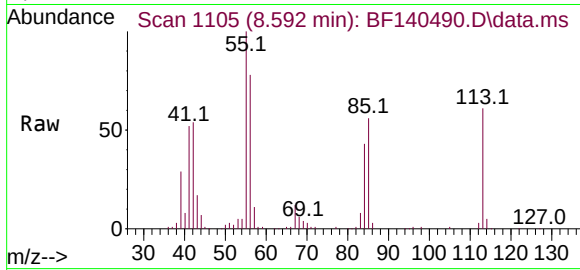
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	62.9	51.3	76.9





#35
Caprolactam
Concen: 44.065 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

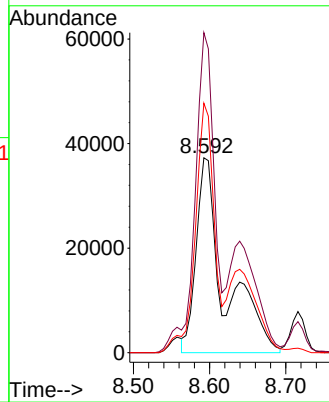
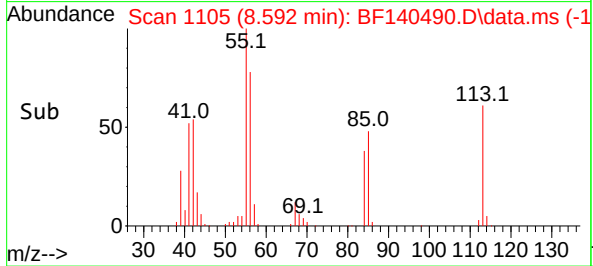
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:113 Resp: 9640
Ion Ratio Lower Upper
113 100
55 164.3 150.0 190.0
56 128.0 111.1 151.1

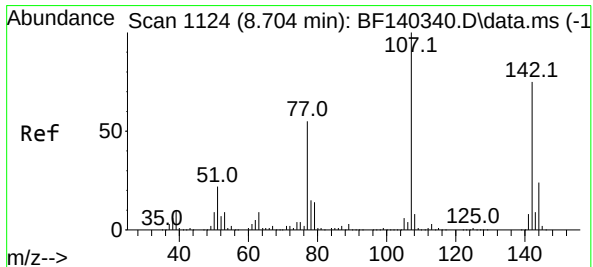
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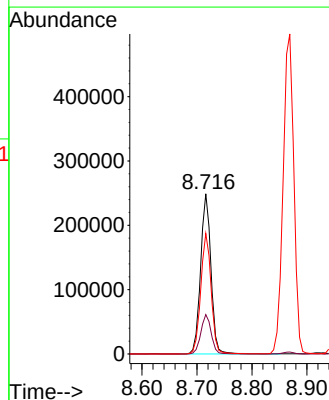
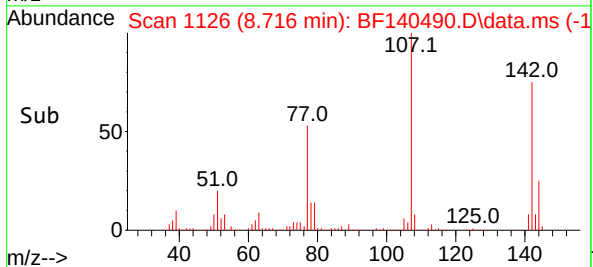
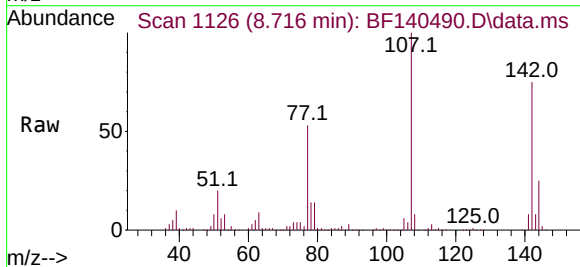
11/22/2024
Supervised By :mohammad
ahmed

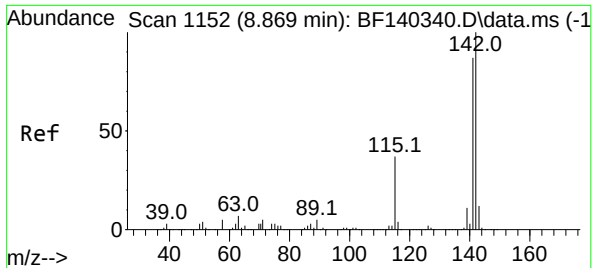
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#36
4-Chloro-3-methylphenol
Concen: 44.797 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:107 Resp: 326768
Ion Ratio Lower Upper
107 100
144 24.5 19.3 28.9
142 75.2 59.4 89.0





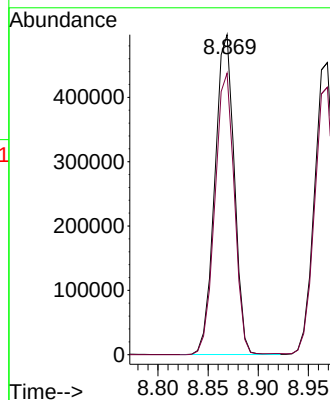
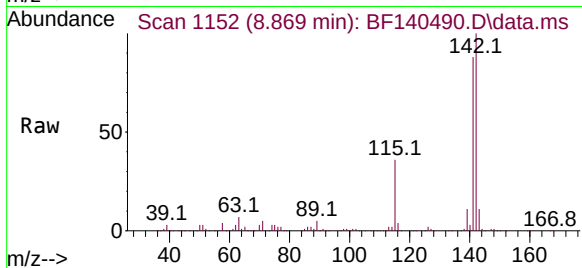
#37
2-Methylnaphthalene
Concen: 43.933 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion:142 Resp: 67040
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6

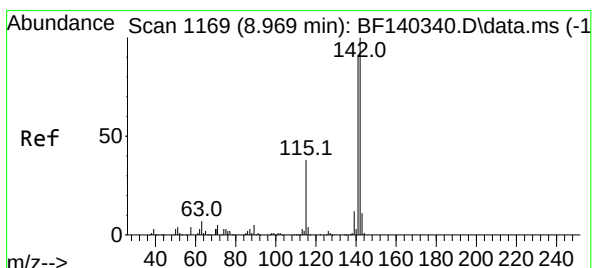
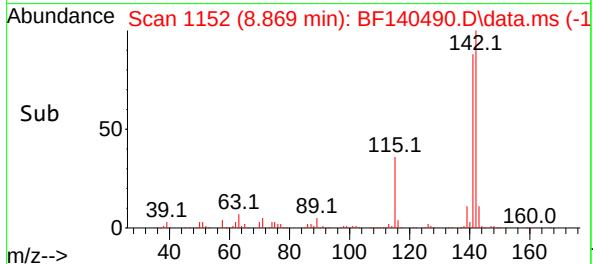
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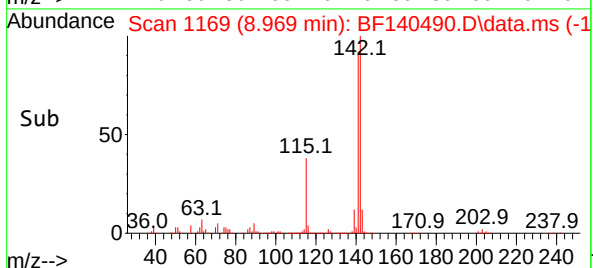
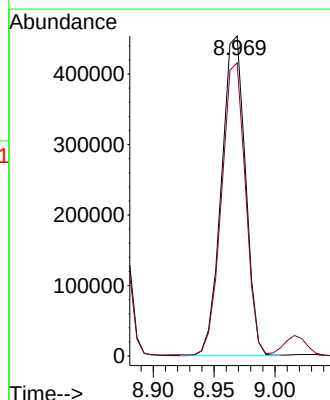
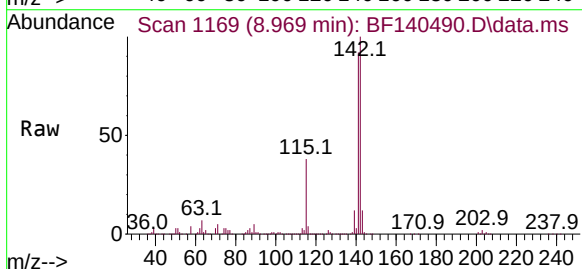
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Supervised By :mohammad
ahmed

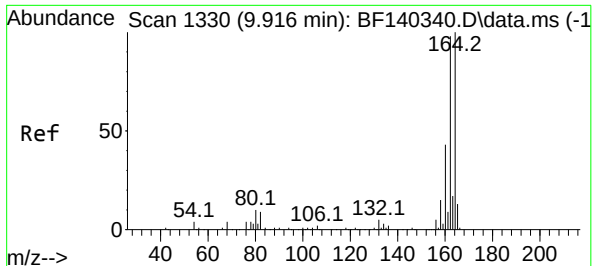
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#38
1-Methylnaphthalene
Concen: 41.615 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:142 Resp: 621859
Ion Ratio Lower Upper
142 100
141 91.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:164 Resp: 266780

Ion Ratio Lower Upper

164 100

162 98.2 79.8 119.8

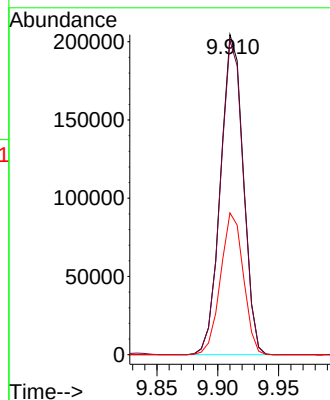
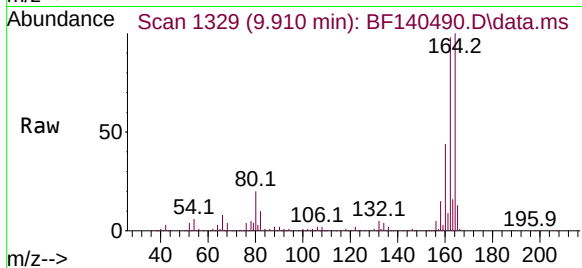
160 44.3 35.4 53.0

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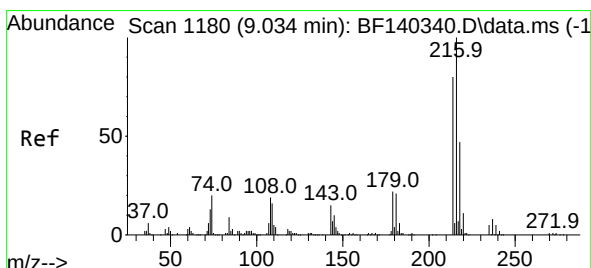
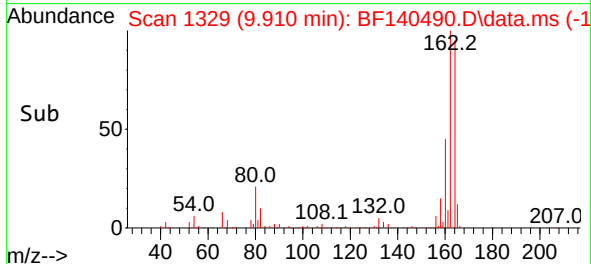
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.916 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Tgt Ion:216 Resp: 316611

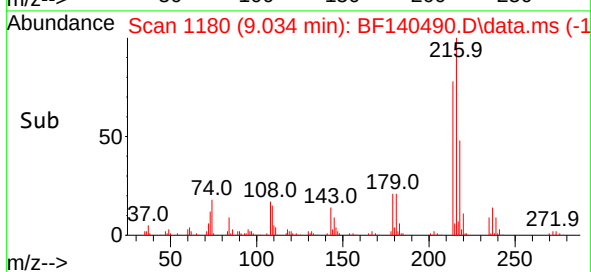
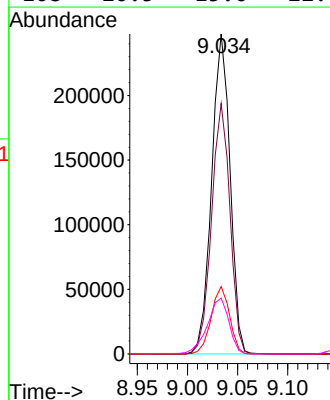
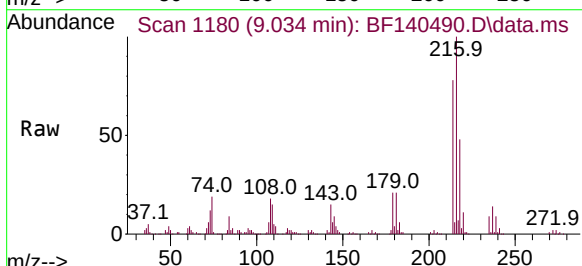
Ion Ratio Lower Upper

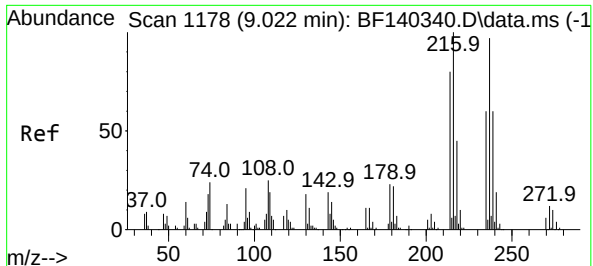
216 100

214 78.2 63.2 94.8

179 21.0 17.2 25.8

108 20.5 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 156.464 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:237 Resp: 296374

Ion Ratio Lower Upper

237 100

235 63.5 42.8 82.8

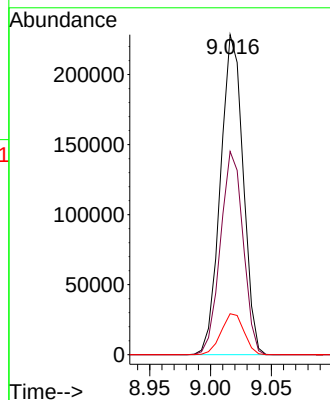
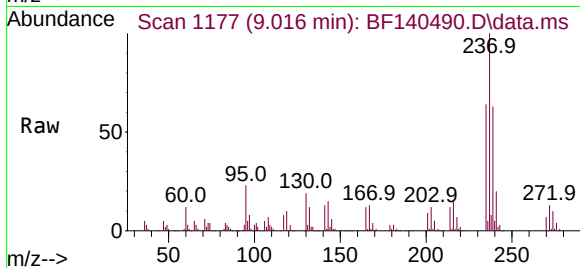
272 12.8 0.0 33.1

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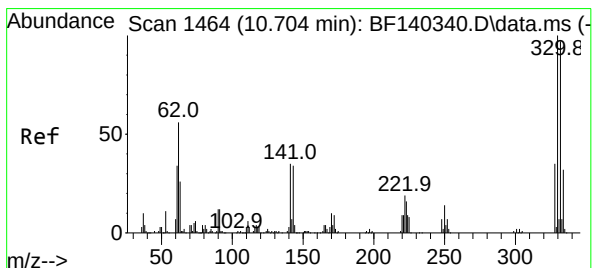
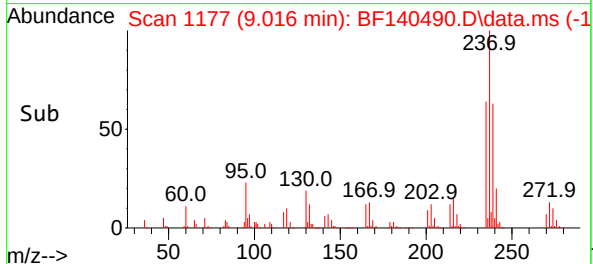
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#42

2,4,6-Tribromophenol

Concen: 129.689 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

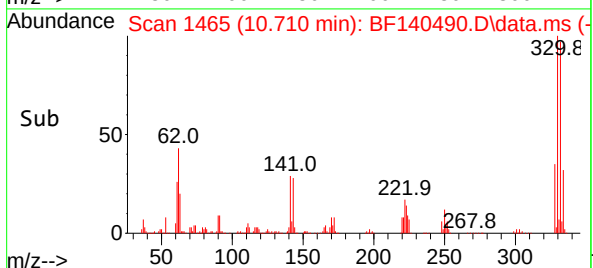
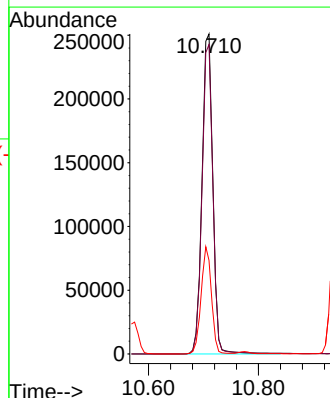
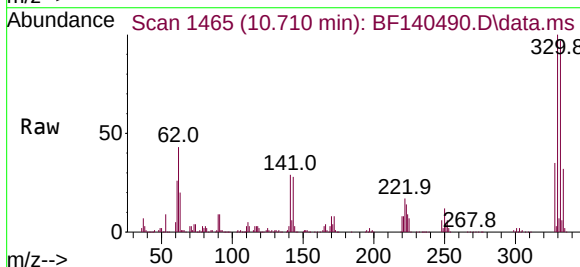
Tgt Ion:330 Resp: 344061

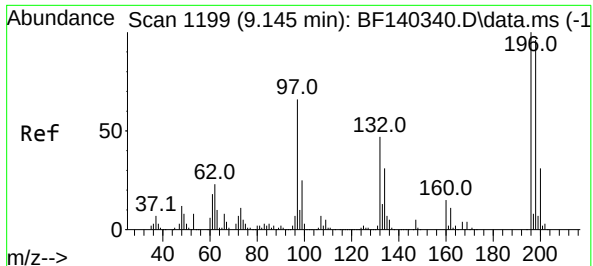
Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

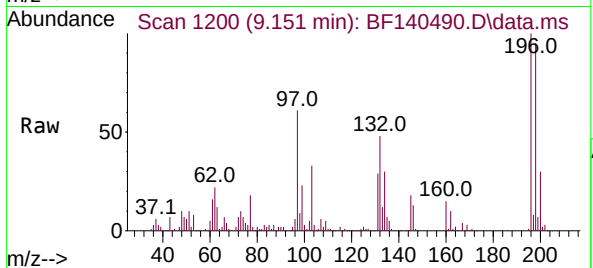
141 32.2 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 44.118 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

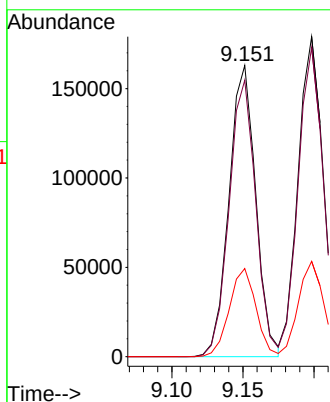
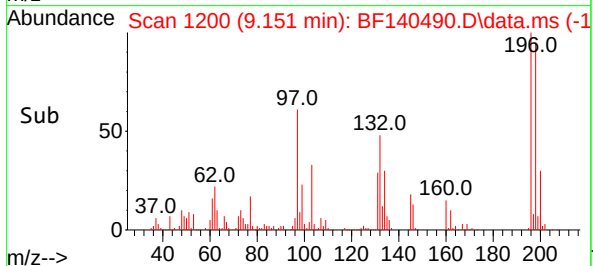
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:196 Resp: 213600
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.4
200 30.3 24.2 36.4

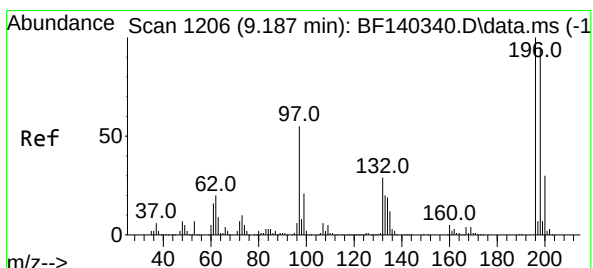
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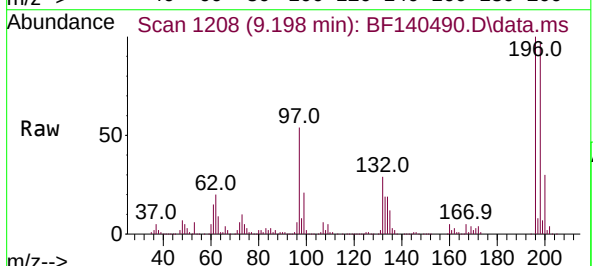


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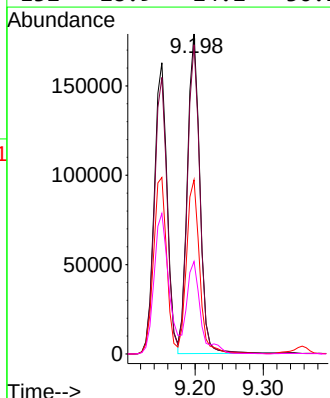
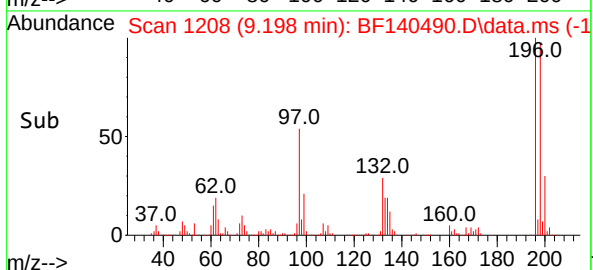
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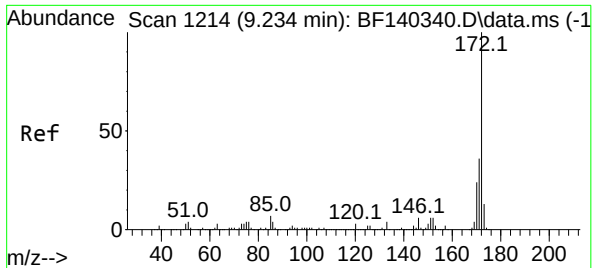


#44
2,4,5-Trichlorophenol
Concen: 42.623 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



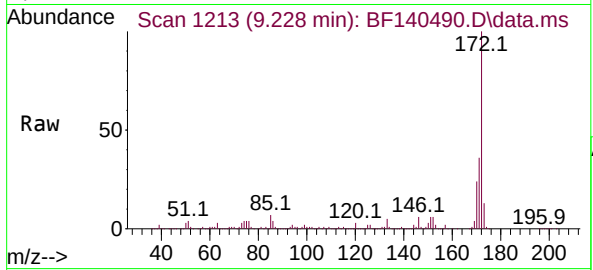
Tgt Ion:196 Resp: 225620
Ion Ratio Lower Upper
196 100
198 96.7 77.6 116.4
97 54.4 45.4 68.2
132 28.9 24.2 36.2





#45
2-Fluorobiphenyl
Concen: 84.477 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

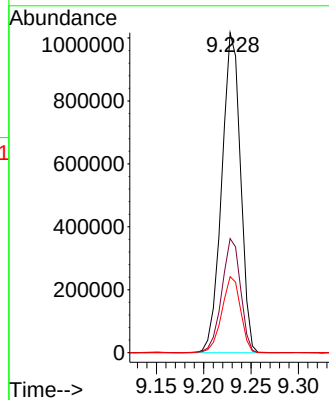
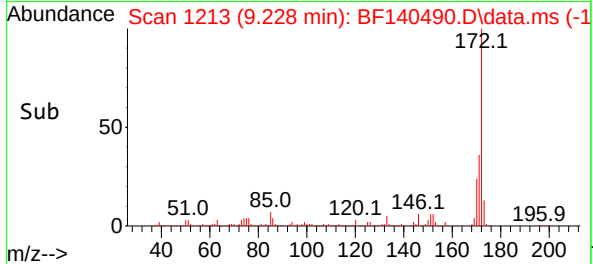
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:172 Resp: 140195
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 19.1 28.7

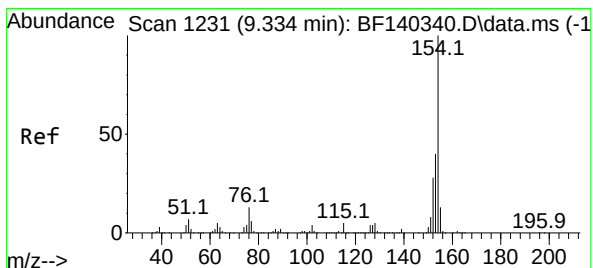
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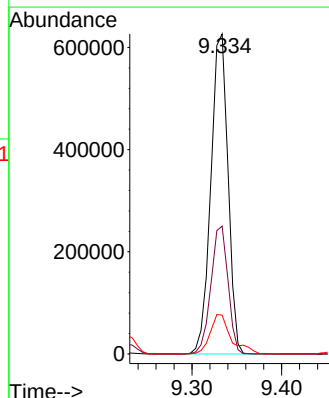
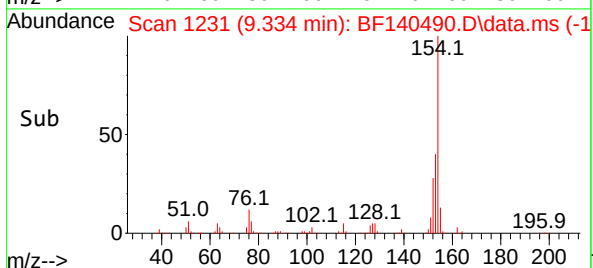
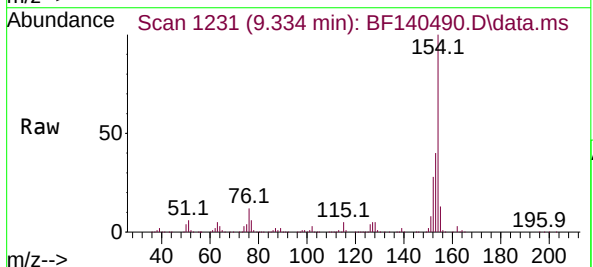
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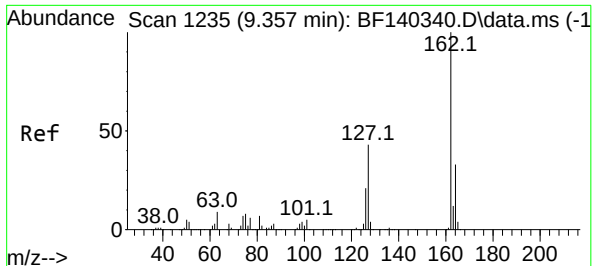
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#46
1,1'-Biphenyl
Concen: 42.839 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:154 Resp: 831455
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 12.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.908 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

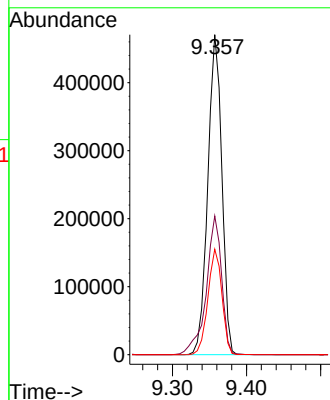
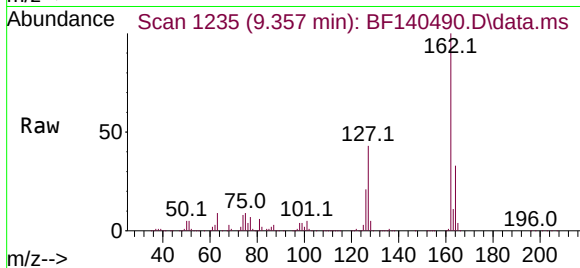
Instrument :

BNA_F

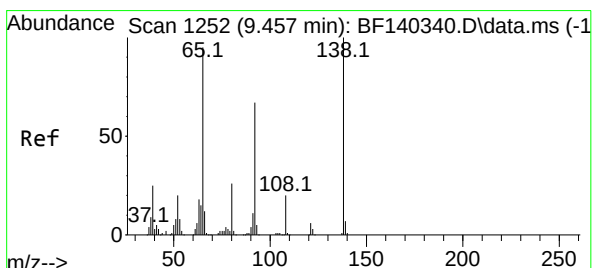
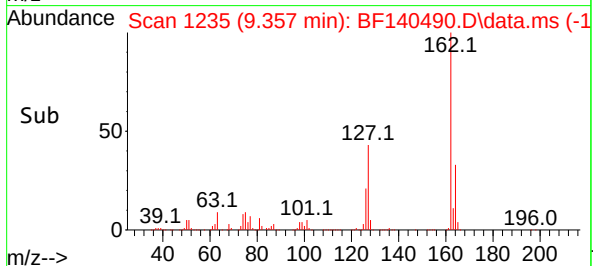
ClientSampleId :

PB165039BS

Tgt Ion:	162	Resp:	61959
Ion Ratio	Lower	Upper	
162	100		
127	43.4	34.0	51.0
164	33.0	26.5	39.7

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#48

2-Nitroaniline

Concen: 43.558 ng

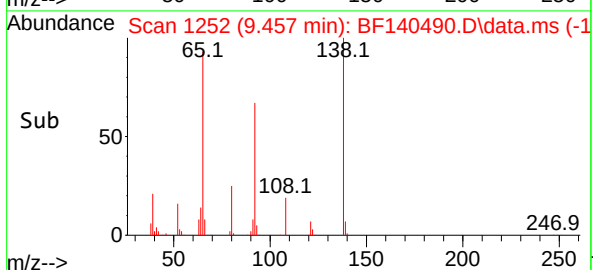
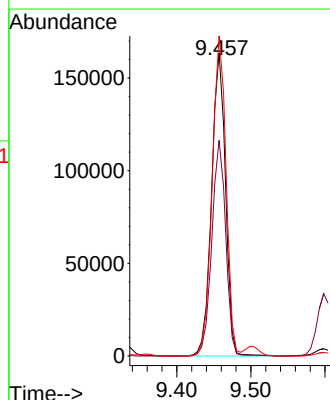
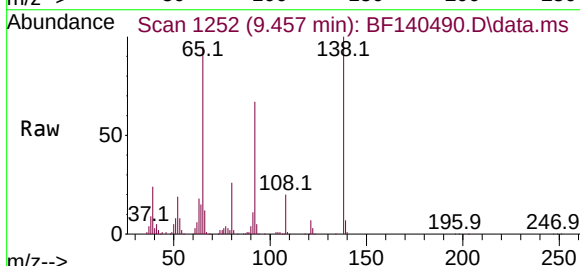
RT: 9.457 min Scan# 1252

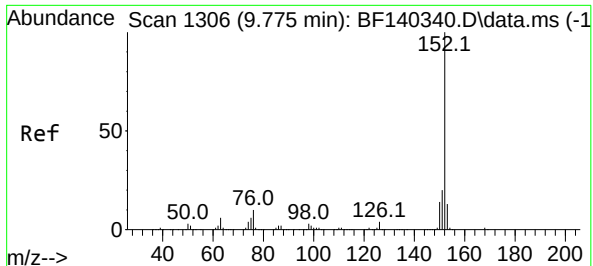
Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Tgt Ion:	65	Resp:	213573
Ion Ratio	Lower	Upper	
65	100		
92	71.2	56.4	84.6
138	105.6	84.8	127.2





#49

Acenaphthylene

Concen: 46.164 ng

RT: 9.775 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF140490.D

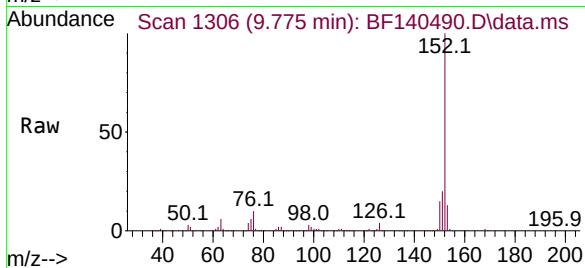
Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS



Tgt Ion:152 Resp: 103264

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

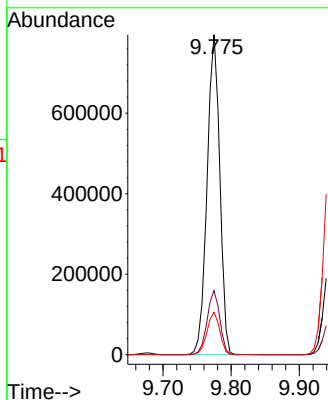
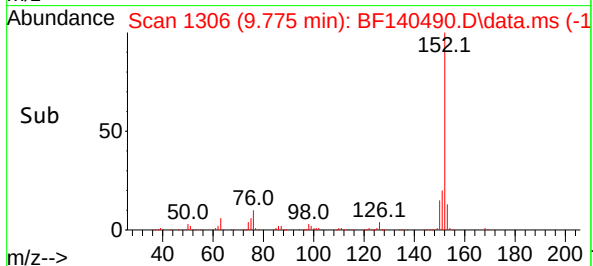
153 13.2 10.7 16.1

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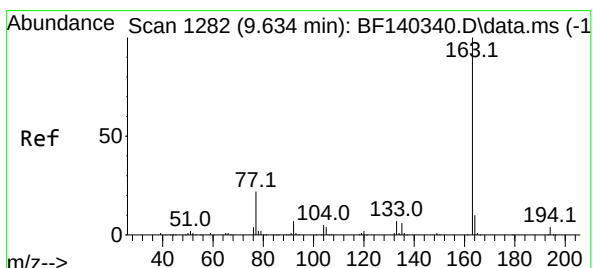
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#50

Dimethylphthalate

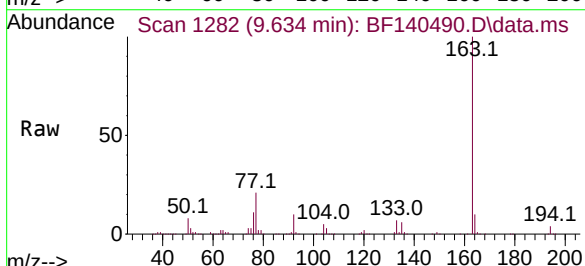
Concen: 44.131 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23



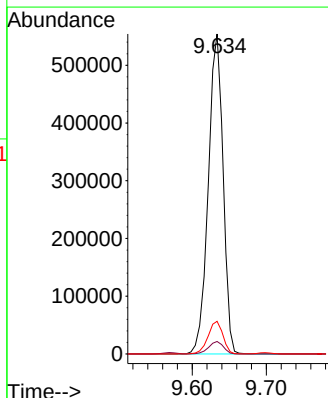
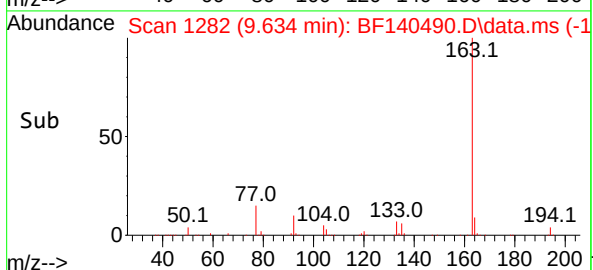
Tgt Ion:163 Resp: 767413

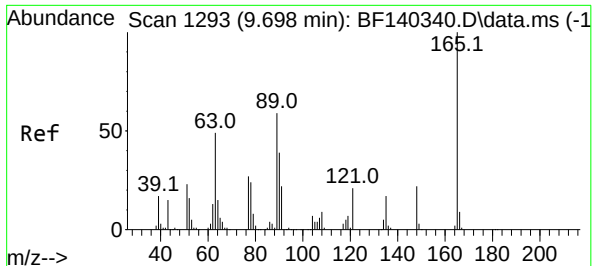
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4





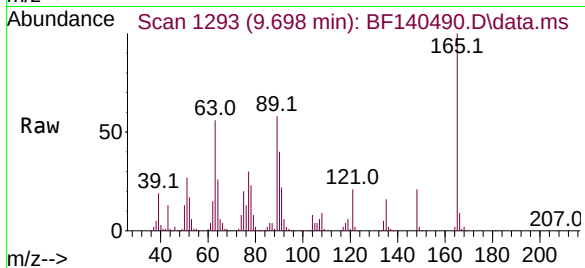
#51
2,6-Dinitrotoluene
Concen: 42.853 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :

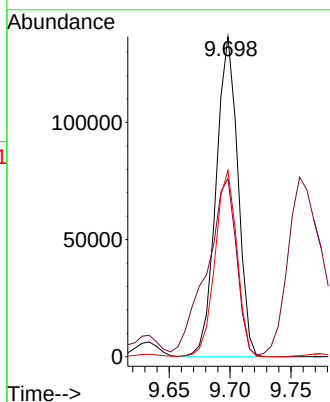
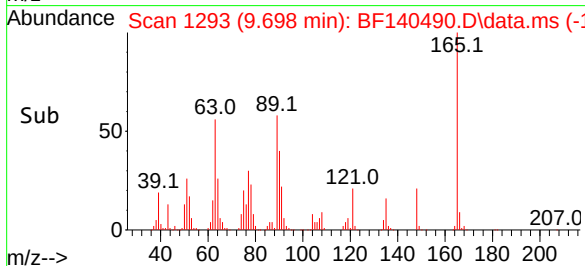
BNA_F

ClientSampleId :

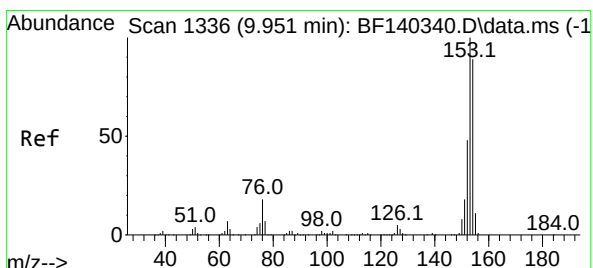
PB165039BS



Tgt Ion:165 Resp: 16988
Ion Ratio Lower Upper
165 100
63 55.7 47.6 71.4
89 58.2 48.1 72.1

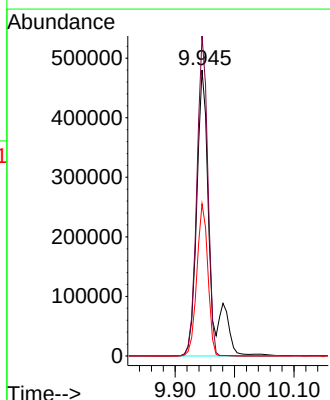
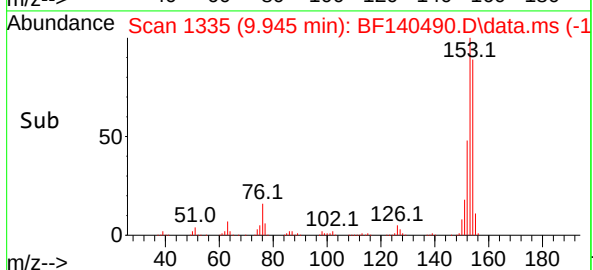
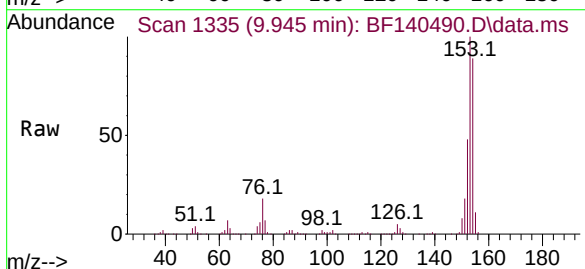
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Patel11/22/2024
Supervised By :mohammad
ahmed

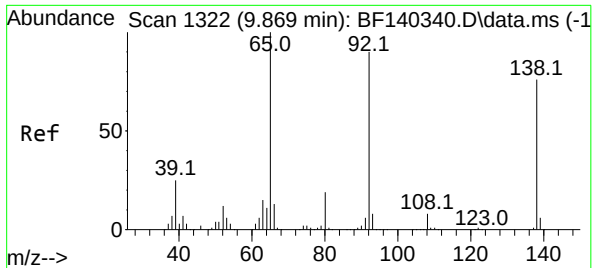
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#52
Acenaphthene
Concen: 49.152 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:154 Resp: 742616
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 53.2 42.6 64.0





#53

3-Nitroaniline

Concen: 28.679 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:138 Resp: 11939

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

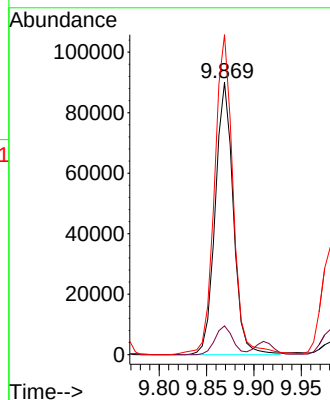
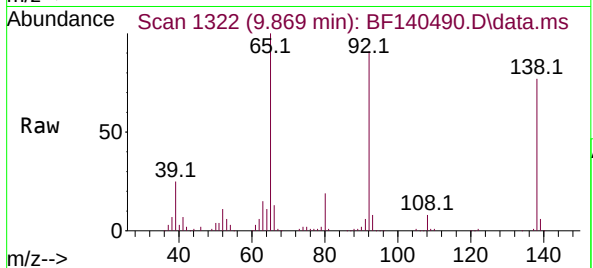
92 117.5 95.5 143.3

Manual Integrations

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Reviewed By :Yogesh

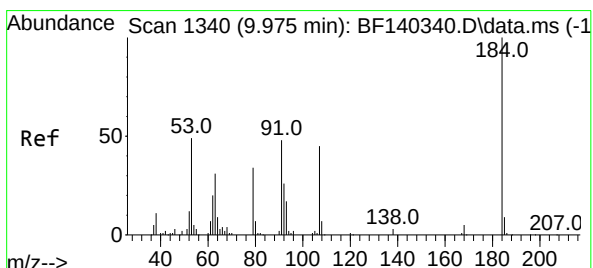
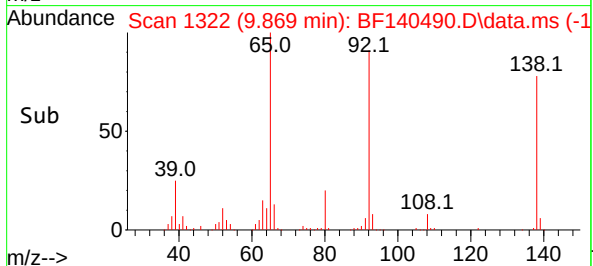
Patel



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ahmed

11/22/2024



#54

2,4-Dinitrophenol

Concen: 89.319 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

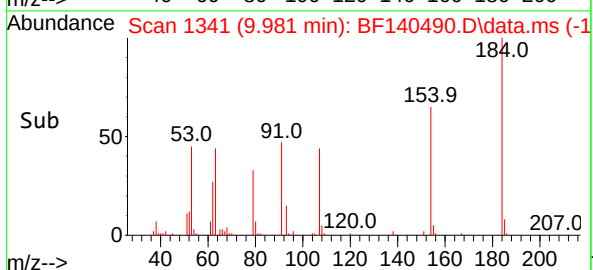
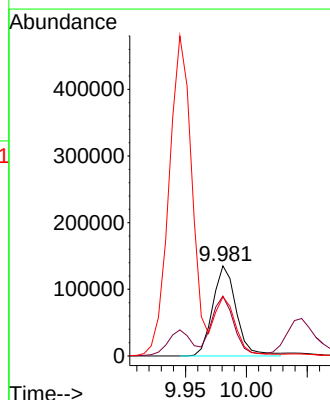
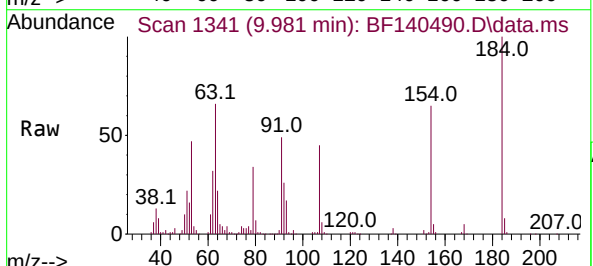
Tgt Ion:184 Resp: 182599

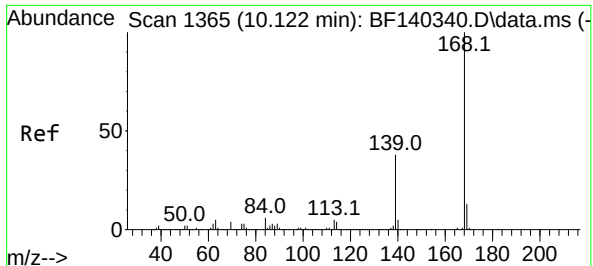
Ion Ratio Lower Upper

184 100

63 66.4 53.5 80.3

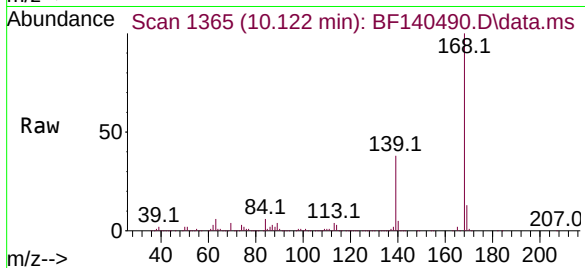
154 65.4 51.3 76.9





#55
Dibenzofuran
Concen: 44.186 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

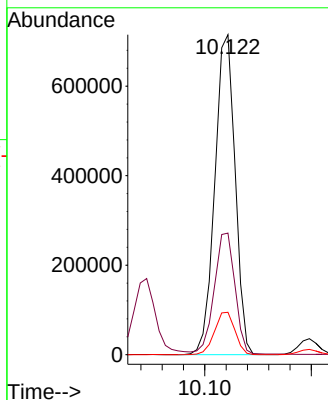
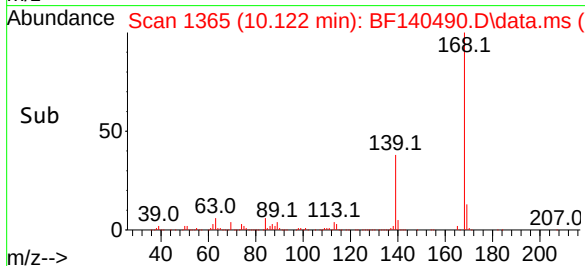
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:168 Resp: 945064
Ion Ratio Lower Upper
168 100
139 38.0 30.8 46.2
169 13.3 10.8 16.2

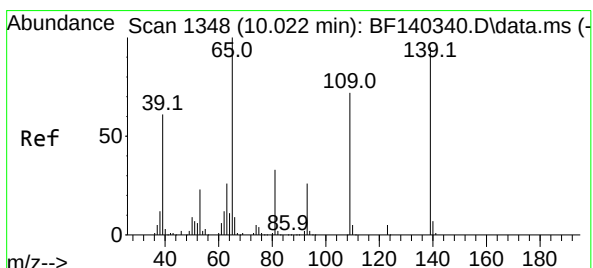
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Reviewed By :Yogesh
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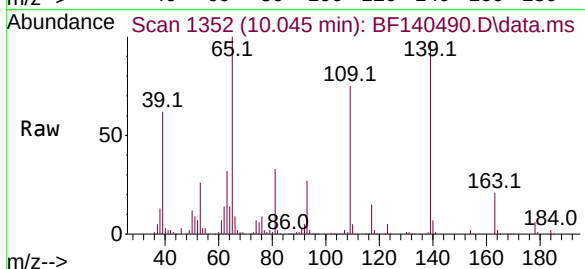


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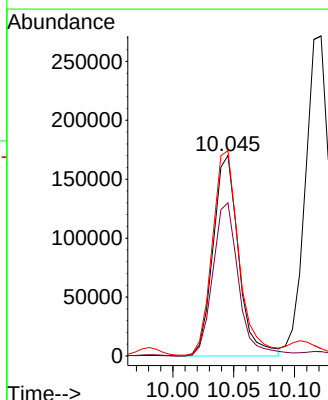
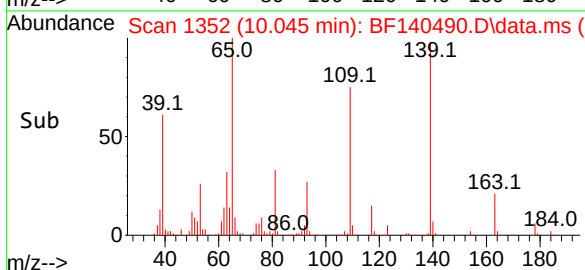
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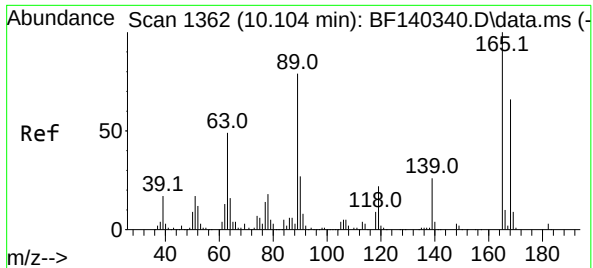


#56
4-Nitrophenol
Concen: 81.609 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



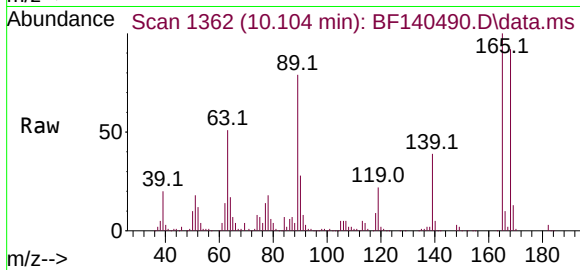
Tgt Ion:139 Resp: 247829
Ion Ratio Lower Upper
139 100
109 76.3 54.5 94.5
65 102.4 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 43.116 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

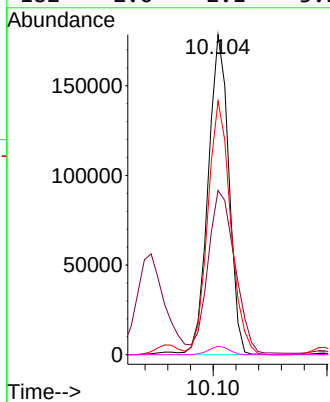
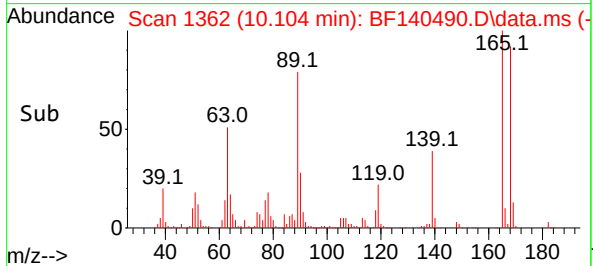
Instrument :
BNA_F
Client Sample Id :
PB165039BS



Tgt Ion:165 Resp: 224954
Ion Ratio Lower Upper
165 100
63 51.3 39.4 59.0
89 79.3 62.4 93.6
182 2.6 2.1 3.1

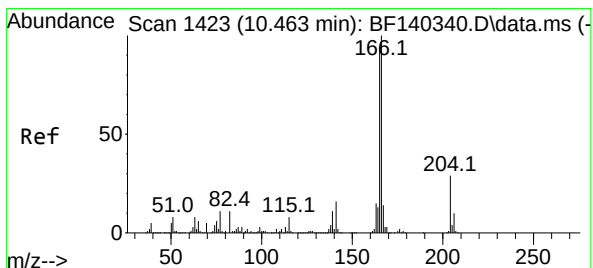
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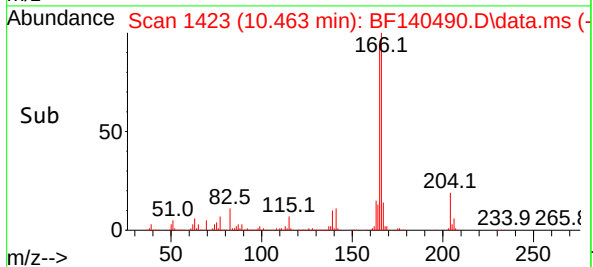
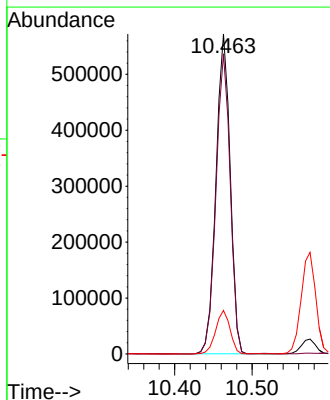
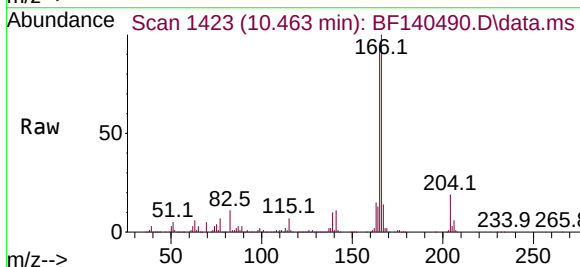
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Supervised By :mohammad
ahmed

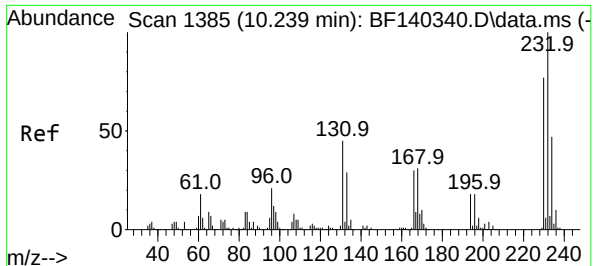
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#58
Fluorene
Concen: 43.256 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

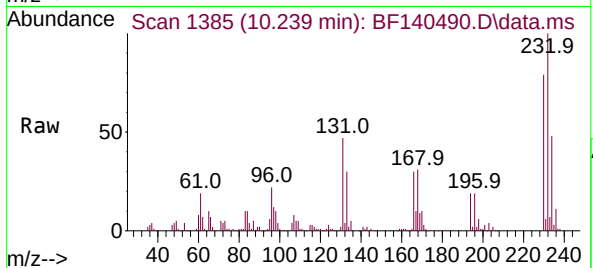
Tgt Ion:166 Resp: 730865
Ion Ratio Lower Upper
166 100
165 93.8 73.9 110.9
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.224 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

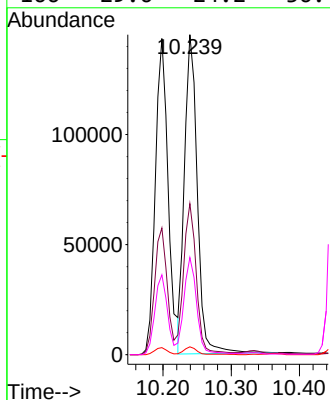
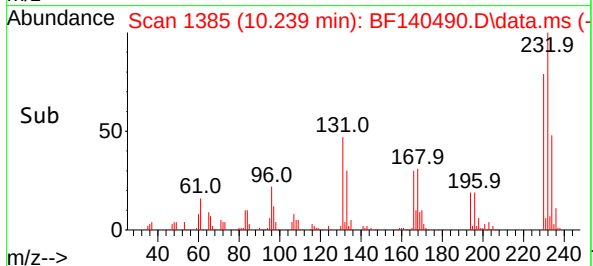
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:232 Resp: 18901
Ion Ratio Lower Upper
232 100
131 46.2 36.8 55.2
130 2.7 1.9 2.9
166 29.6 24.2 36.4

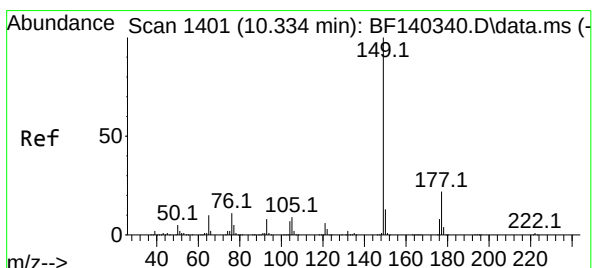
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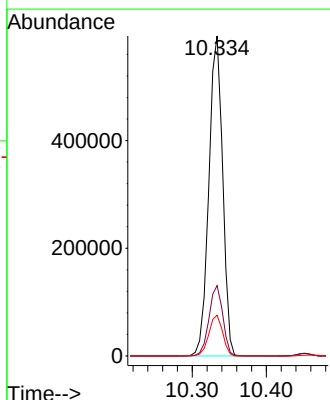
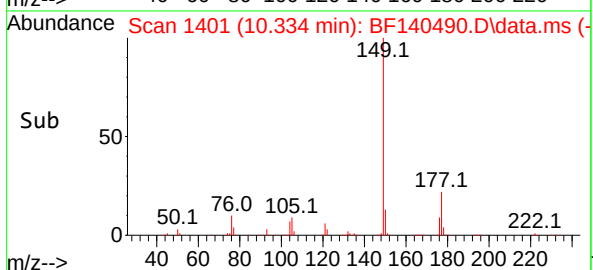
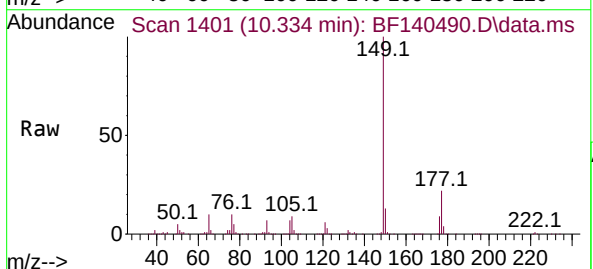
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Supervised By :mohammad
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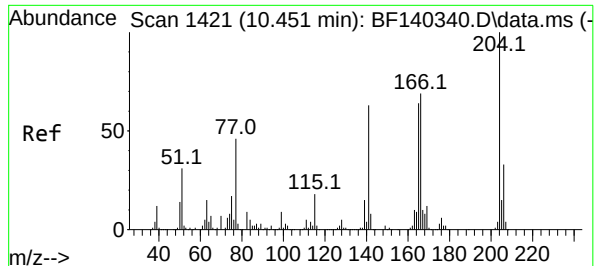
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#60
Diethylphthalate
Concen: 43.105 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

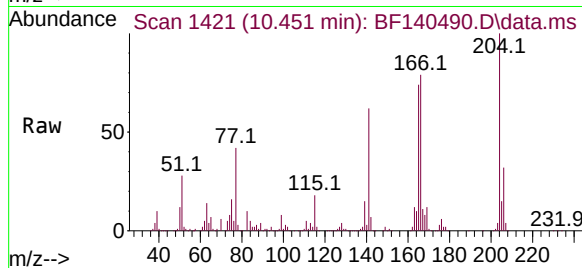
Tgt Ion:149 Resp: 766473
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.346 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

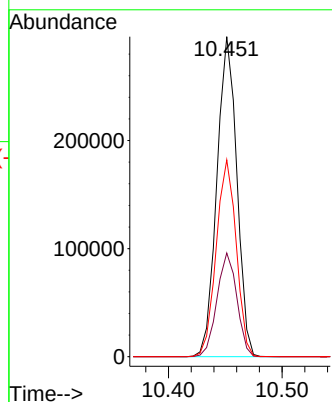
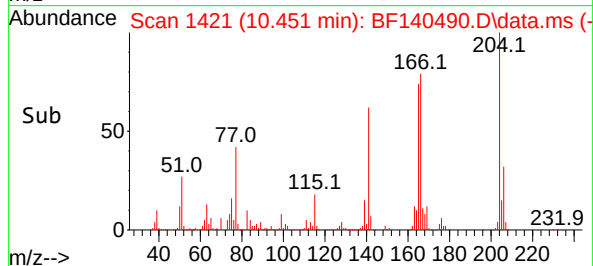
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:204 Resp: 361576
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 61.5 49.8 74.8

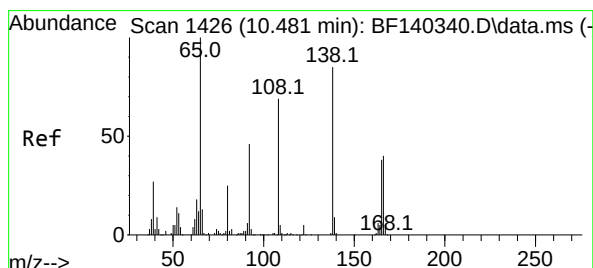
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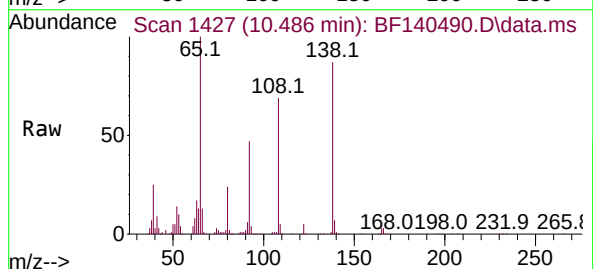


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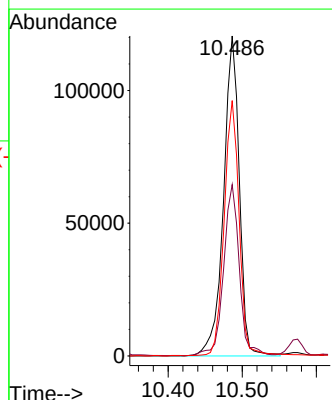
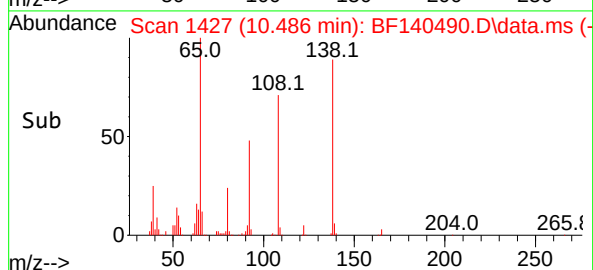
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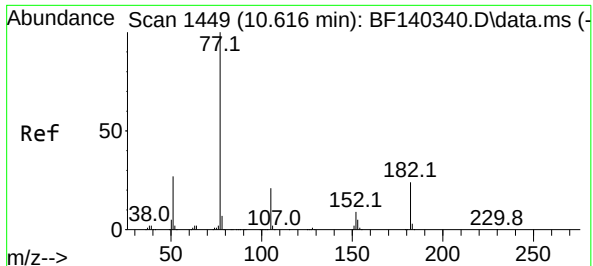


#62
4-Nitroaniline
Concen: 41.903 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



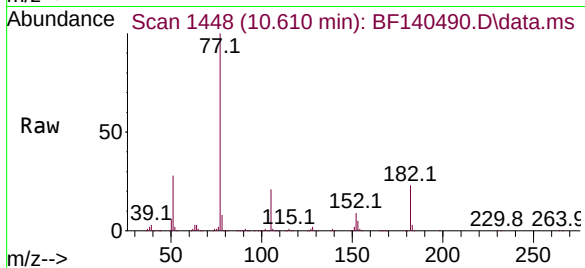
Tgt Ion:138 Resp: 178376
Ion Ratio Lower Upper
138 100
92 53.5 33.8 73.8
108 79.8 59.9 99.9





#63
Azobenzene
Concen: 42.842 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

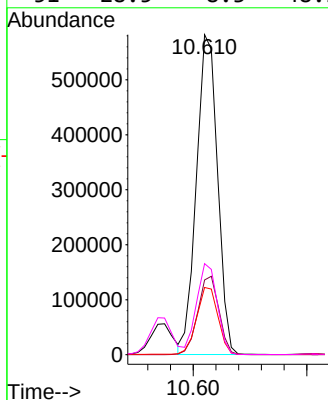
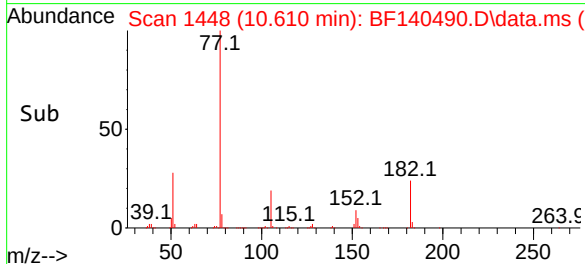
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion: 77 Resp: 752699
Ion Ratio Lower Upper
77 100
182 23.4 4.6 44.6
105 21.0 0.9 40.9
51 28.5 8.3 48.3

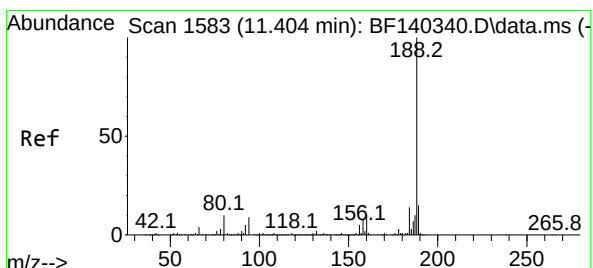
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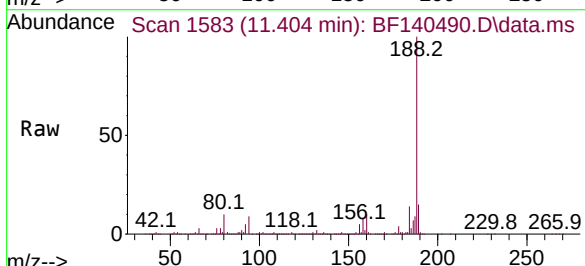


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ahmed

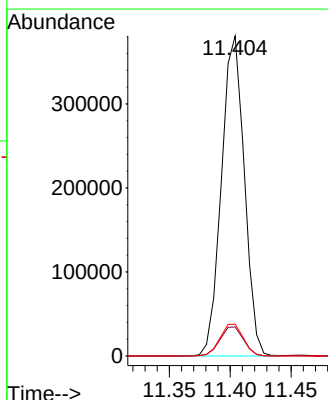
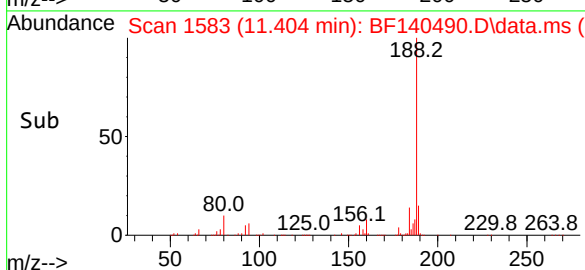
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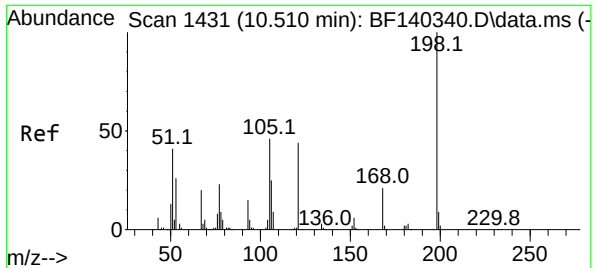


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



Tgt Ion:188 Resp: 499057
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.9 8.0 12.0





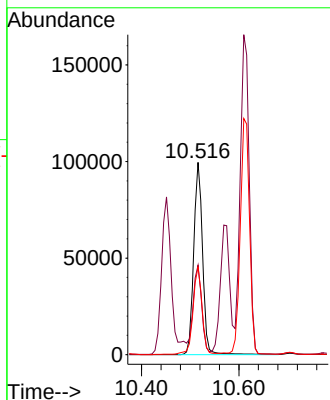
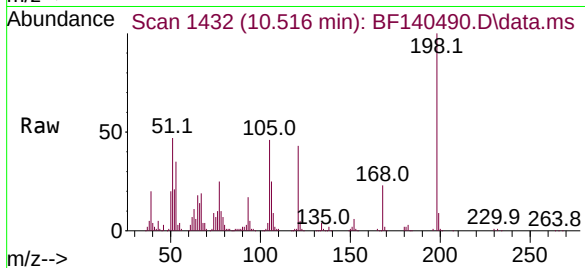
#65
4,6-Dinitro-2-methylphenol
Concen: 47.340 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion:198 Resp: 12711
Ion Ratio Lower Upper
198 100
51 46.5 29.7 69.7
105 45.6 26.3 66.3

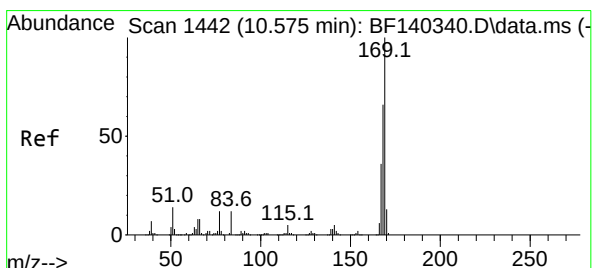
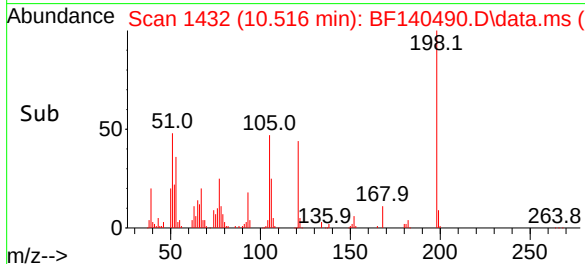
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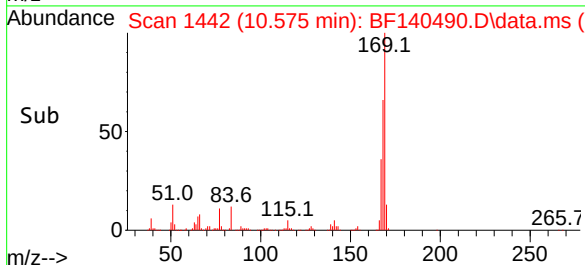
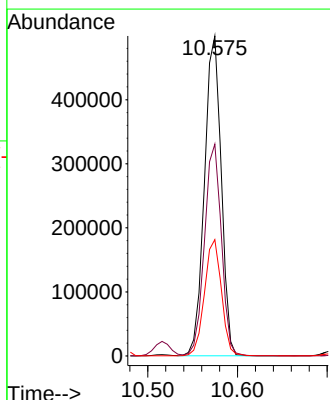
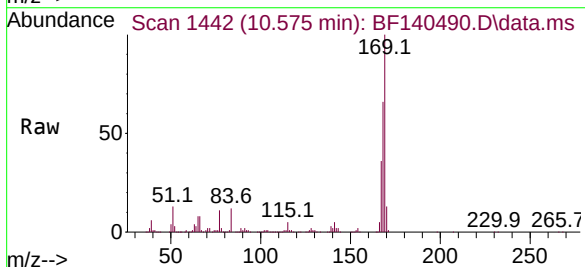
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Supervised By :mohammad
ahmed

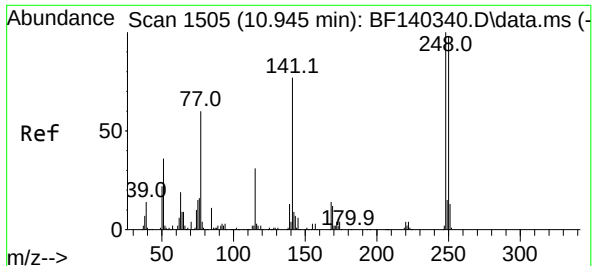
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#66
n-Nitrosodiphenylamine
Concen: 44.909 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:169 Resp: 647570
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.3 29.3 43.9





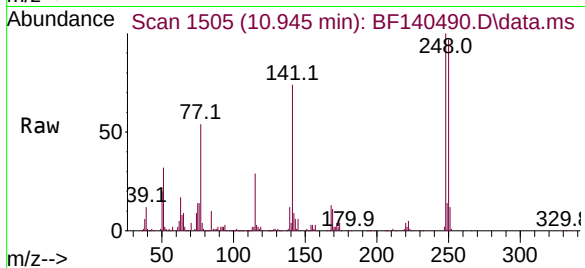
#67
4-Bromophenyl-phenylether
Concen: 44.072 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

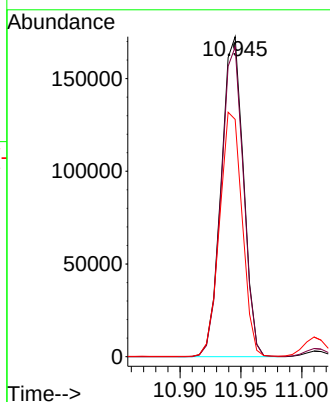
PB165039BS



Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.9	116.9
141	74.2	61.8	92.6

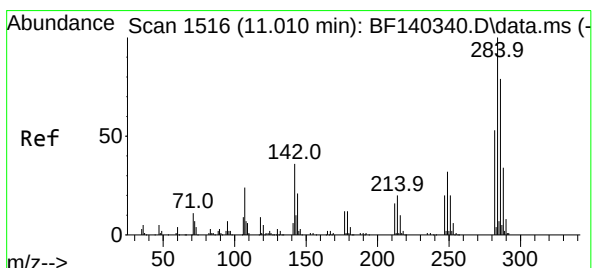
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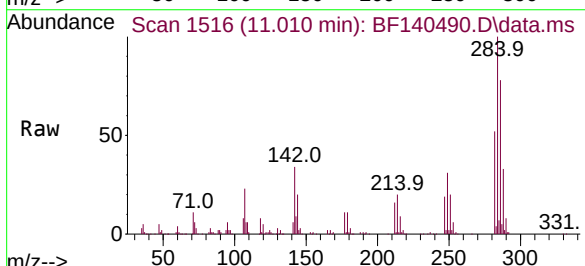


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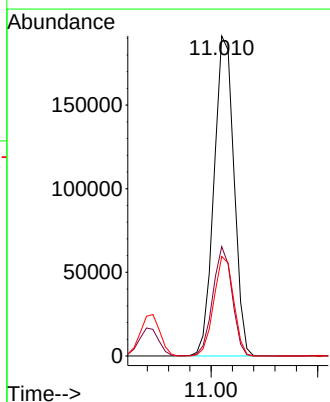
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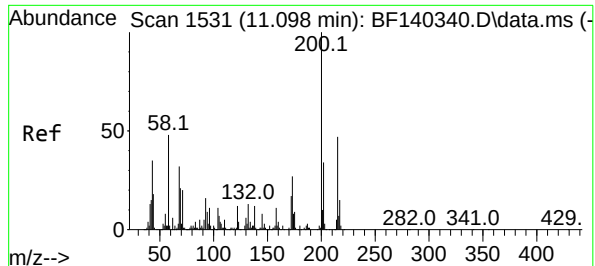


#68
Hexachlorobenzene
Concen: 44.242 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.1	42.1
249	31.1	24.9	37.3





#69

Atrazine

Concen: 49.470 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:200 Resp: 21581

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

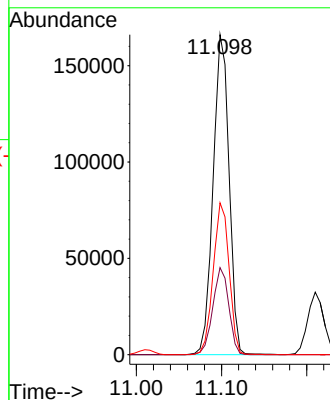
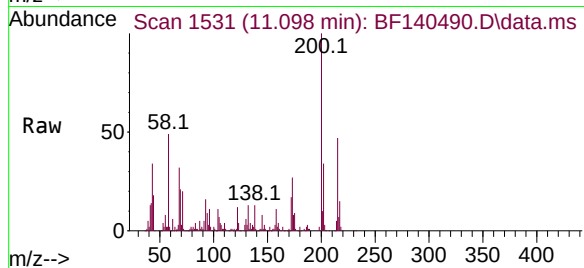
215 47.5 27.2 67.2

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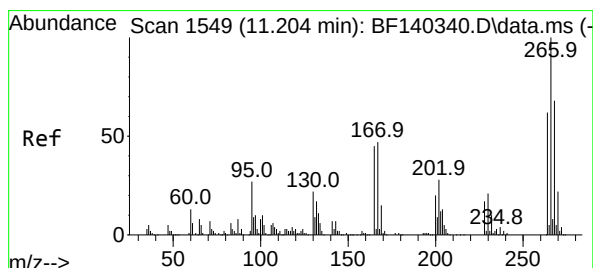
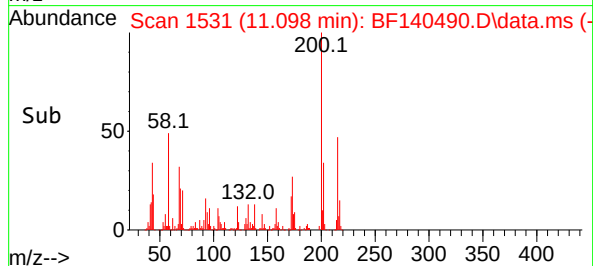
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#70

Pentachlorophenol

Concen: 84.279 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

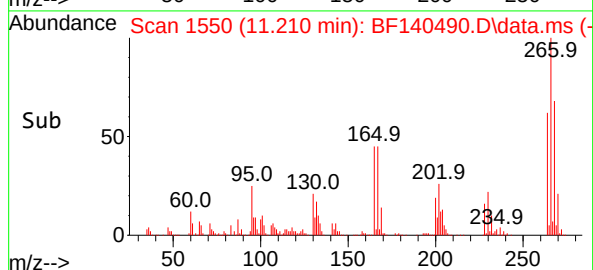
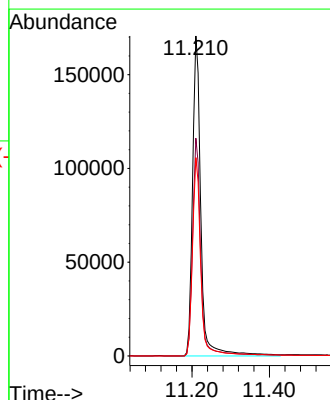
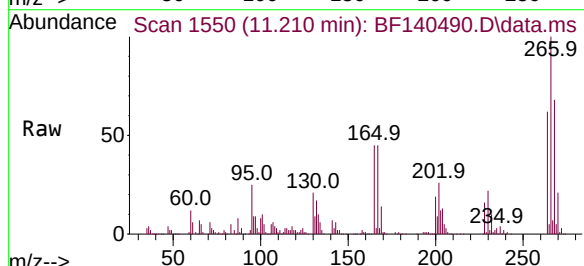
Tgt Ion:266 Resp: 254817

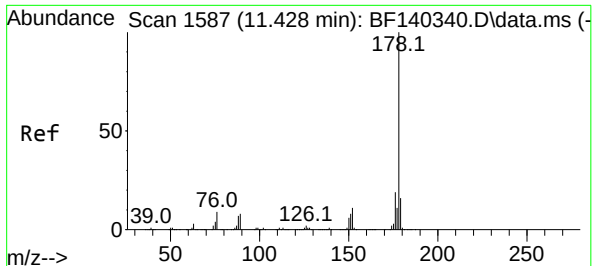
Ion Ratio Lower Upper

266 100

268 68.1 52.9 79.3

264 62.0 50.3 75.5





#71

Phenanthrene

Concen: 44.483 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:178 Resp: 104284

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

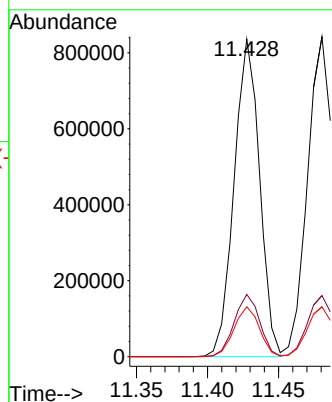
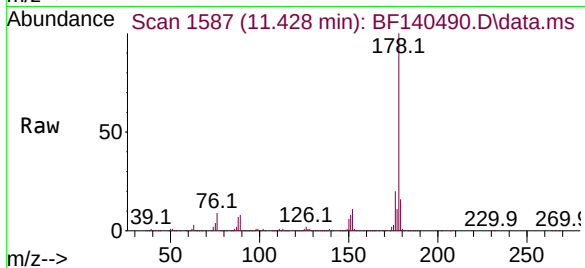
179 15.7 12.4 18.6

Manual Integrations

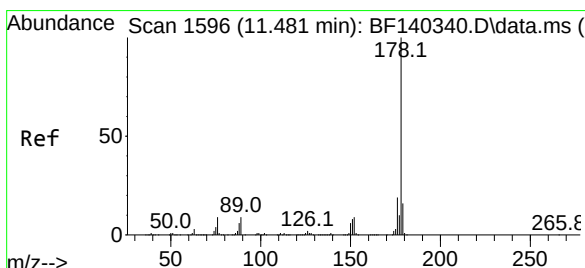
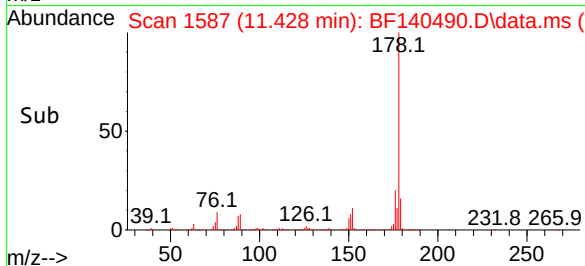
APPROVED

Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

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#72

Anthracene

Concen: 46.884 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

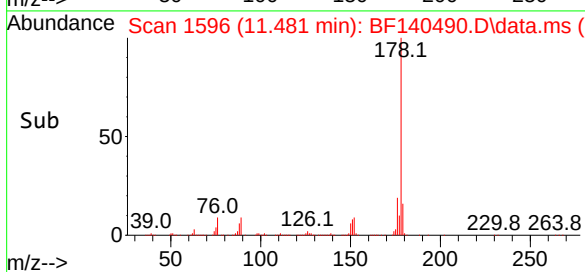
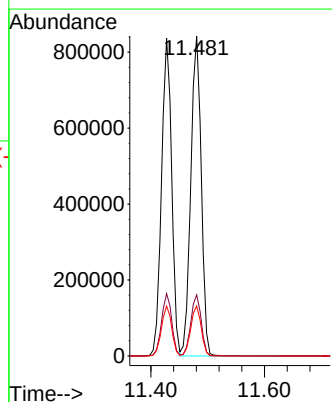
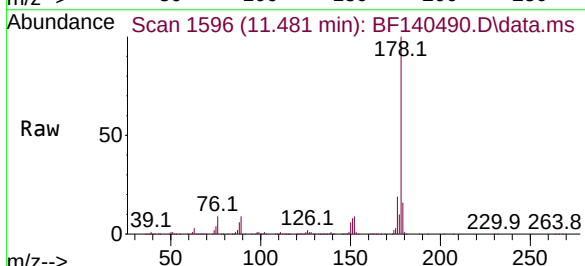
Tgt Ion:178 Resp: 1077211

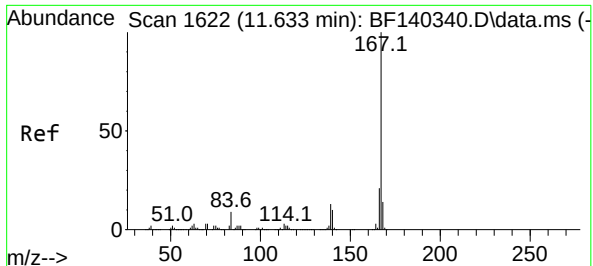
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

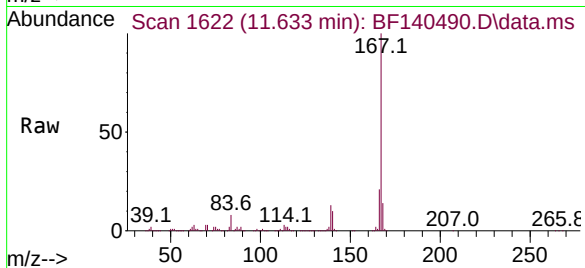
179 15.6 12.6 18.8





#73
Carbazole
Concen: 43.591 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

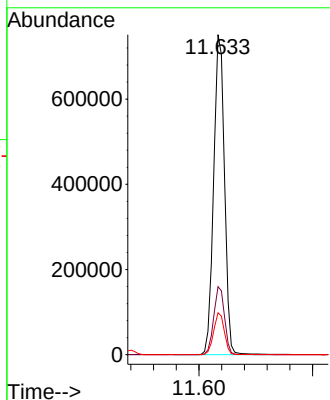
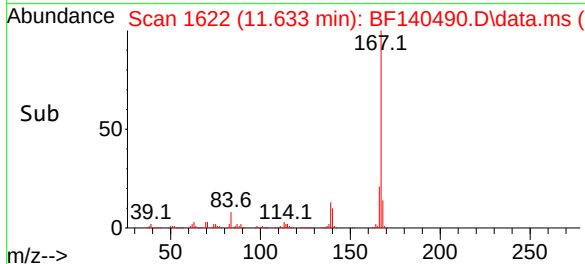
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:167 Resp: 98892
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 13.1 10.4 15.6

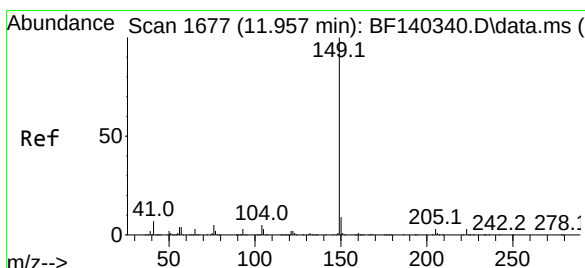
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Reviewed By :Yogesh
Patel

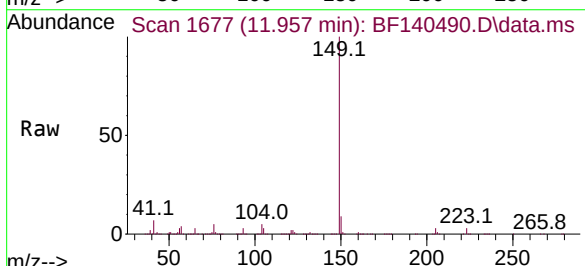


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Supervised By :mohammad
ahmed

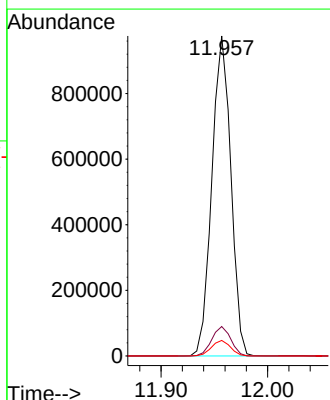
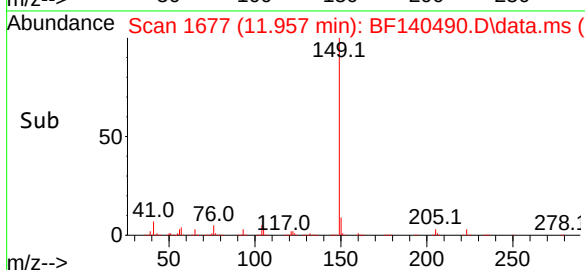
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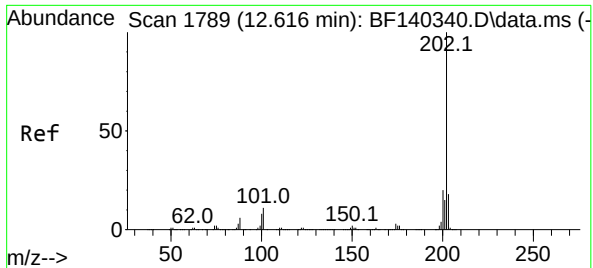


#74
Di-n-butylphthalate
Concen: 44.299 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



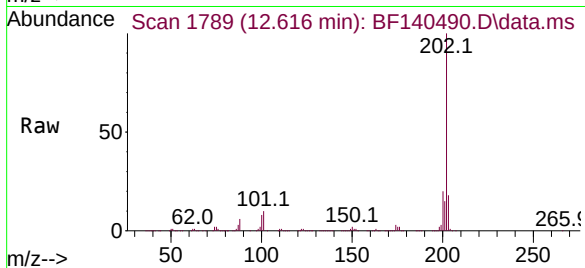
Tgt Ion:149 Resp: 1206217
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 43.879 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

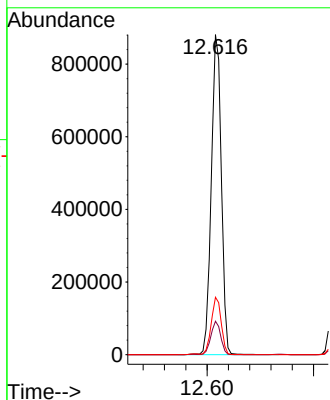
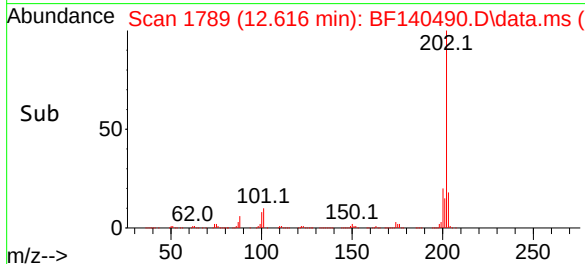
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:202 Resp: 115408
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.9 0.0 37.7

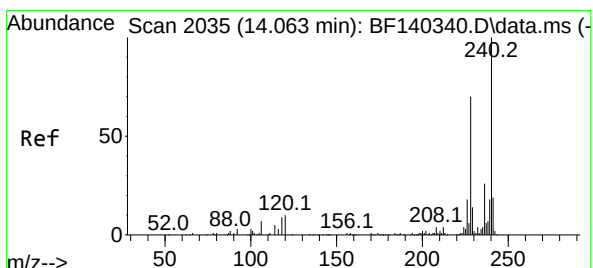
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Patel

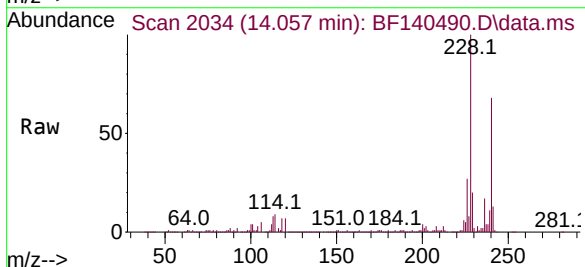


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Supervised By :mohammad
ahmed

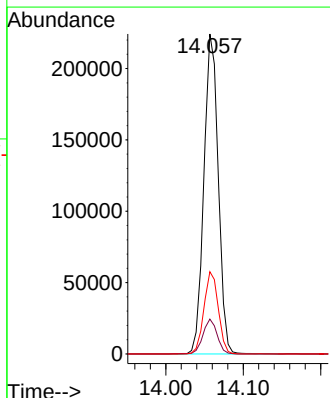
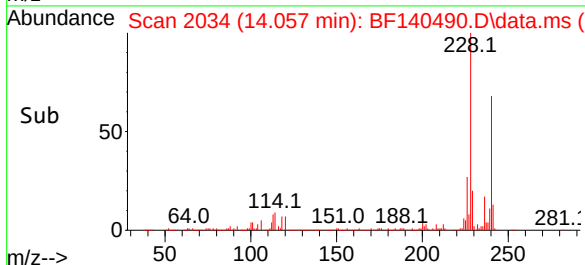
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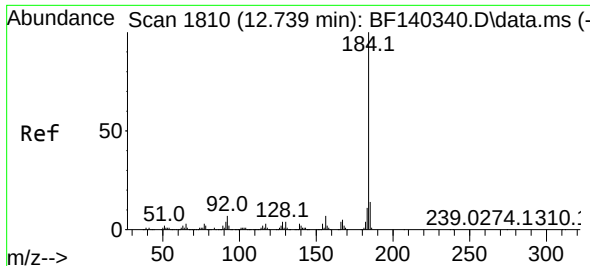


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



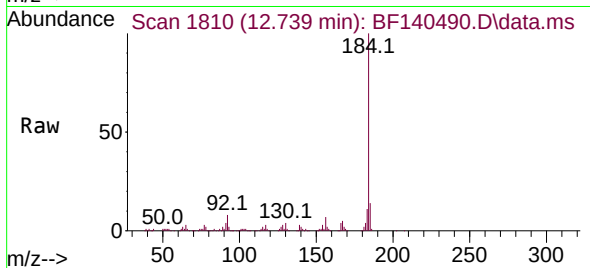
Tgt Ion:240 Resp: 288313
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.7 20.9 31.3





#77
Benzidine
Concen: 23.705 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

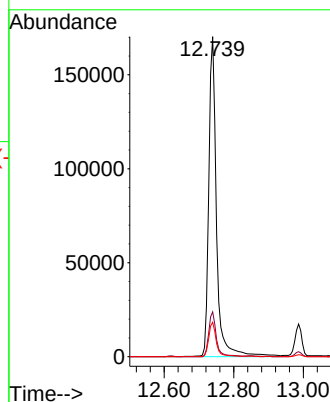
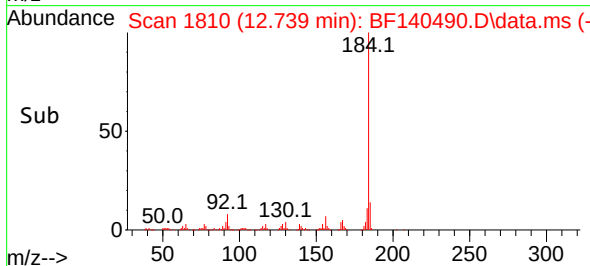
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:184 Resp: 26230
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 10.8 8.6 13.0

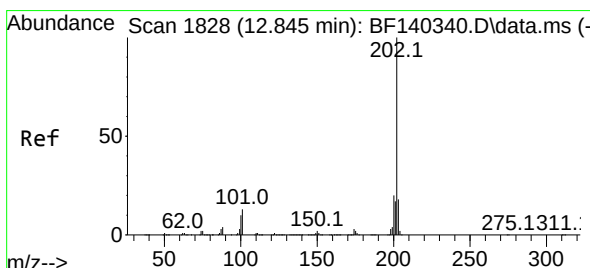
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Reviewed By :Yogesh
Patel



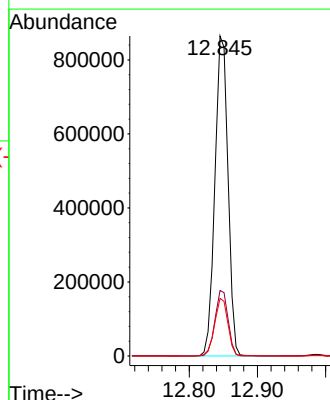
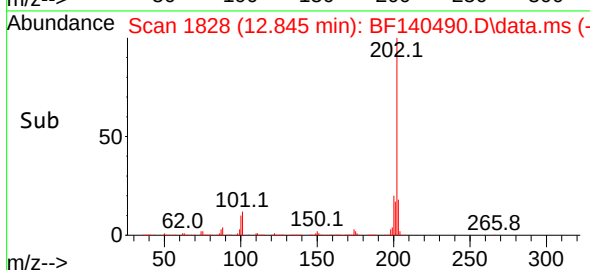
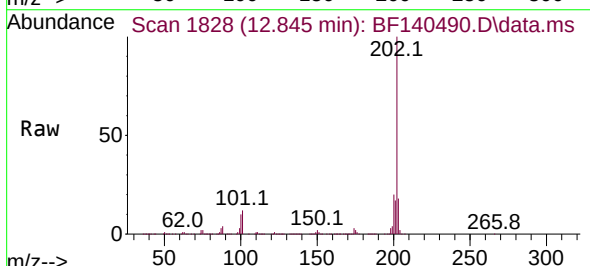
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Supervised By :mohammad
ahmed

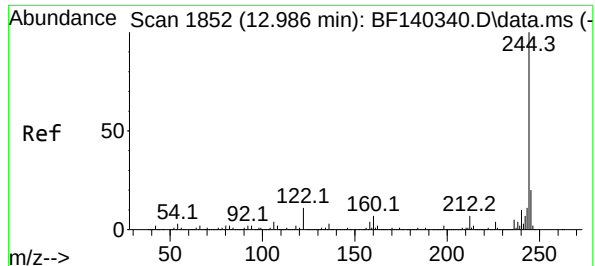
11/22/2024



#78
Pyrene
Concen: 46.905 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:202 Resp: 1156753
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 94.762 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:244 Resp: 157398

Ion Ratio Lower Upper

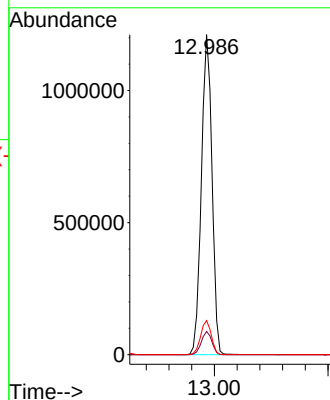
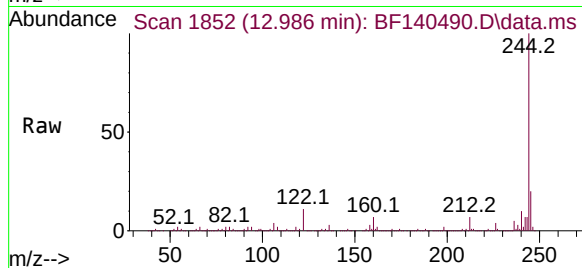
244 100

212 7.2 5.8 8.8

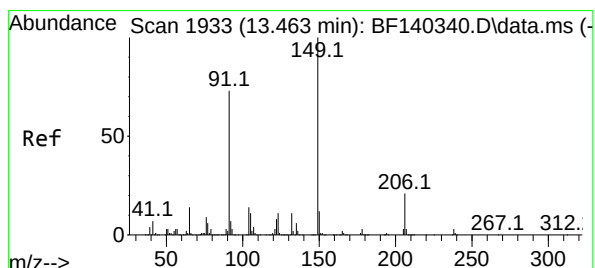
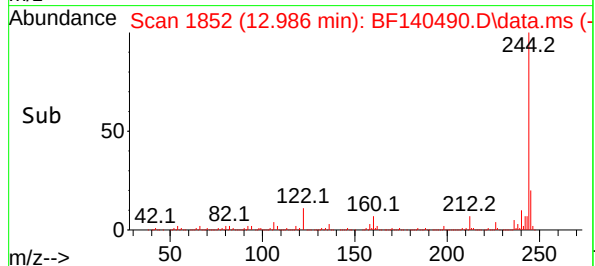
122 10.6 8.8 13.2

Manual Integrations

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Patel11/22/2024
Supervised By :mohammad
ahmed

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#80

Butylbenzylphthalate

Concen: 48.322 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

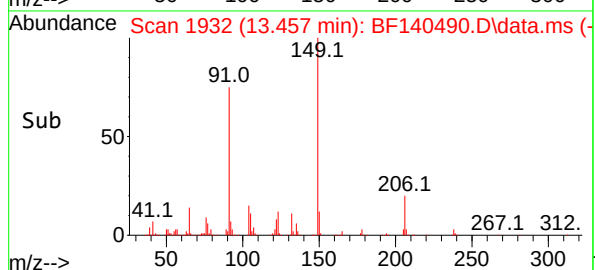
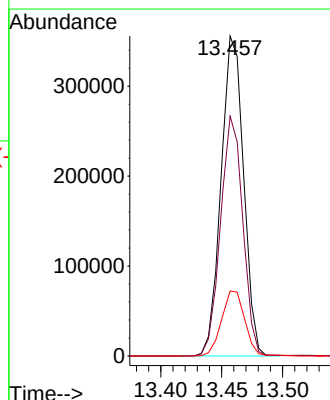
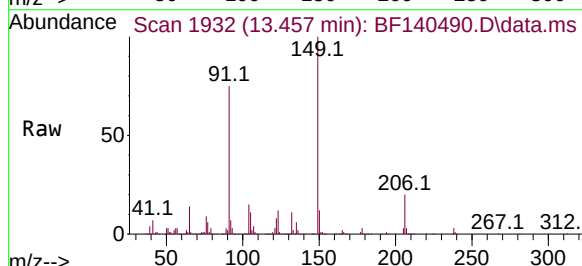
Tgt Ion:149 Resp: 457787

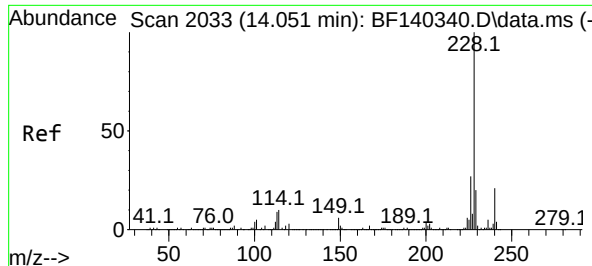
Ion Ratio Lower Upper

149 100

91 75.0 61.0 91.4

206 20.3 16.1 24.1





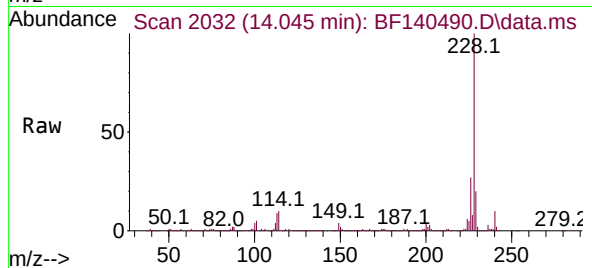
#81
Benzo(a)anthracene
Concen: 46.861 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :

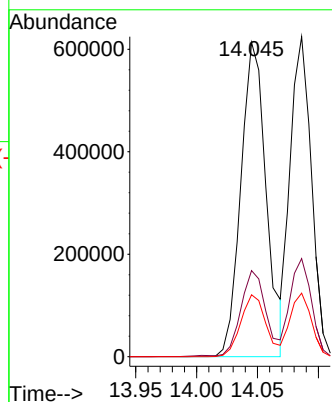
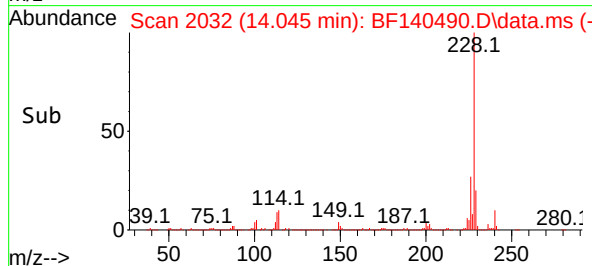
BNA_F

ClientSampleId :

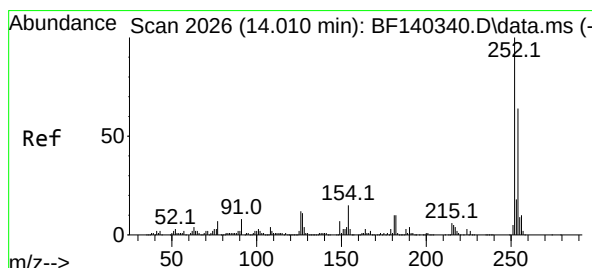
PB165039BS



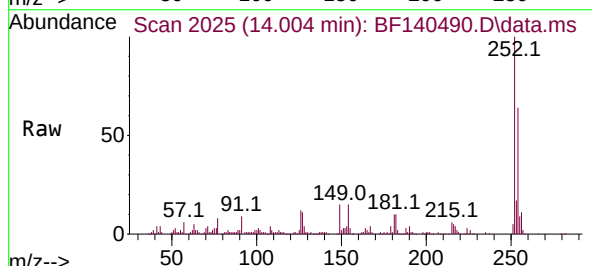
Tgt Ion:228 Resp: 887940
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.7 15.8 23.6

Manual Integrations
APPROVEDReviewed By :Yogesh
Patel11/22/2024
Supervised By :mohammad
ahmed

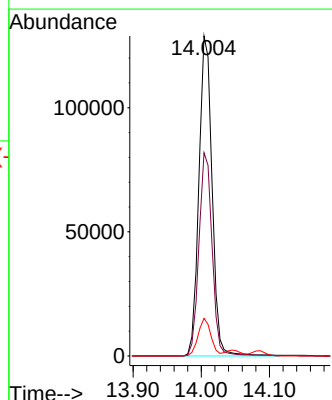
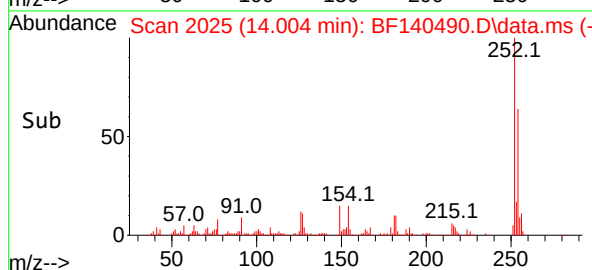
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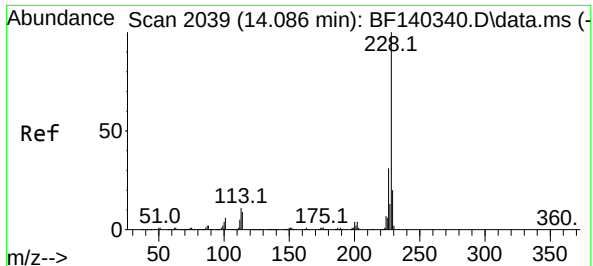


#82
3,3'-Dichlorobenzidine
Concen: 28.745 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



Tgt Ion:252 Resp: 173127
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 11.8 9.4 14.0





#83

Chrysene

Concen: 43.906 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

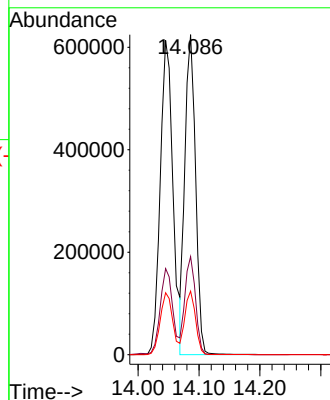
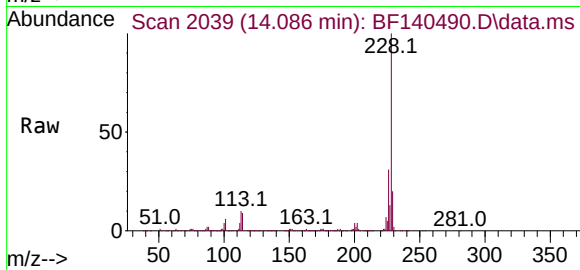
Instrument :

BNA_F

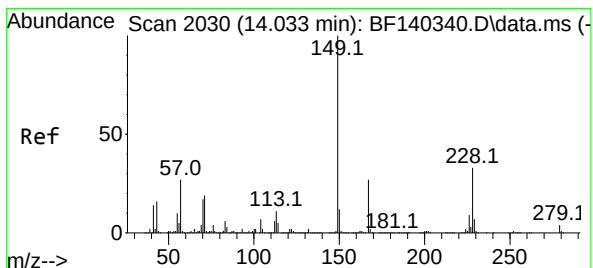
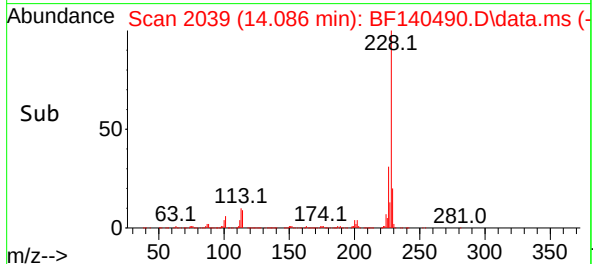
ClientSampleId :

PB165039BS

Tgt Ion:	228	Resp:	759099
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	19.8	16.0	24.0

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Patel11/22/2024
Supervised By :mohammad
ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 46.964 ng

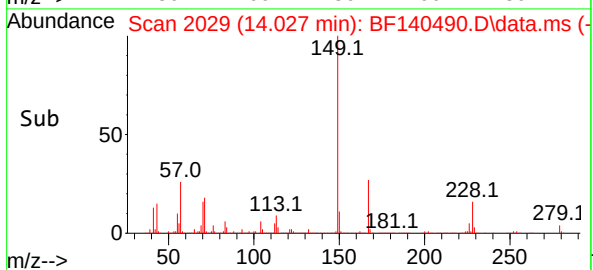
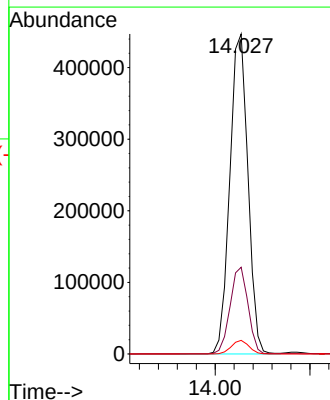
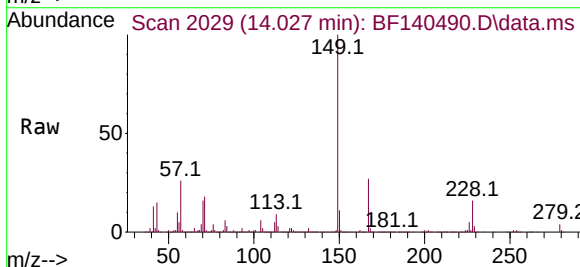
RT: 14.027 min Scan# 2029

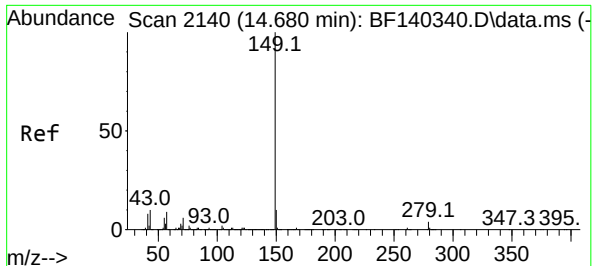
Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

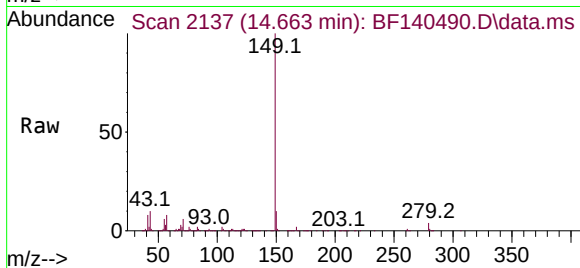
Tgt Ion:	149	Resp:	593875
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	4.2	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 44.567 ng
RT: 14.663 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

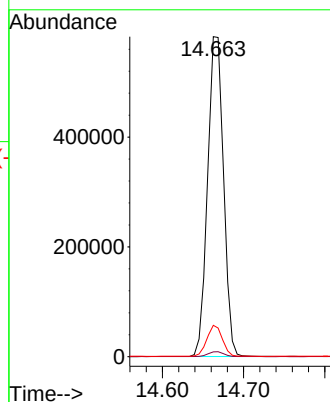
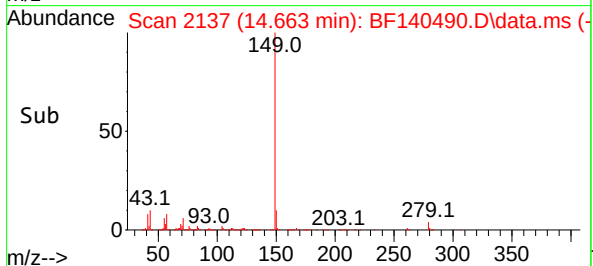
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion:149 Resp: 79371
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.0 12.0

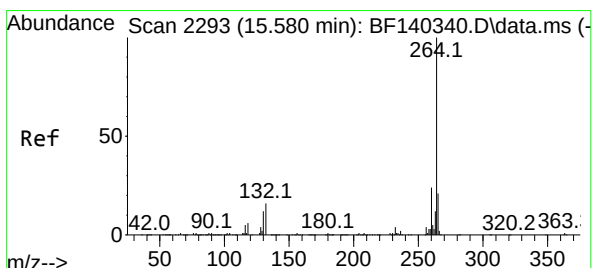
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Reviewed By :Yogesh
Patel

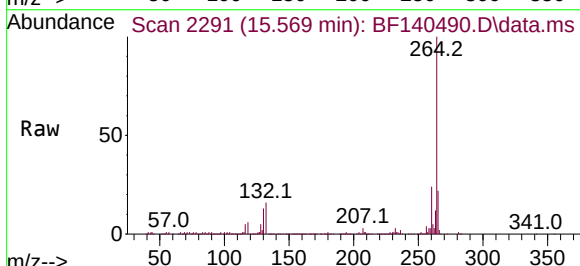


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Supervised By :mohammad
ahmed

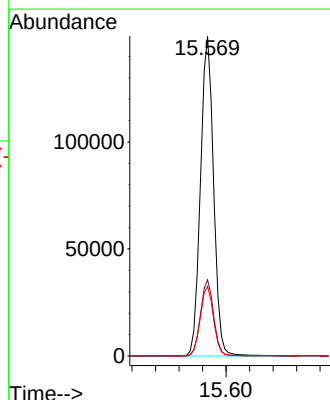
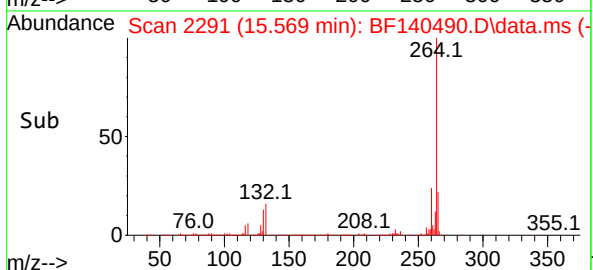
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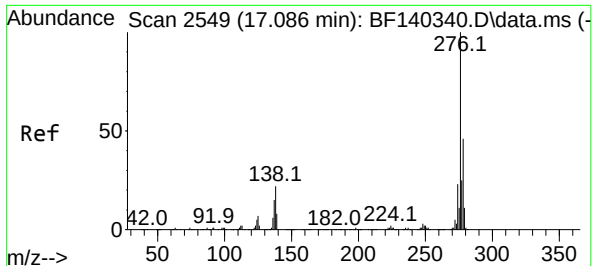


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.569 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



Tgt Ion:264 Resp: 231323
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.479 ng

RT: 17.086 min Scan# 2116

Delta R.T. 0.029 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:276 Resp: 72132

Ion Ratio Lower Upper

276 100

138 23.6 18.8 28.2

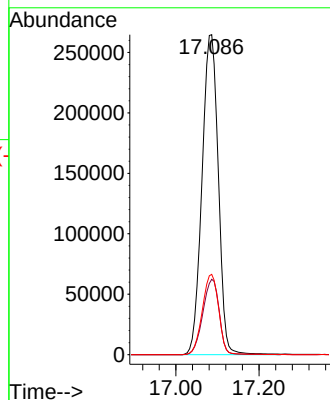
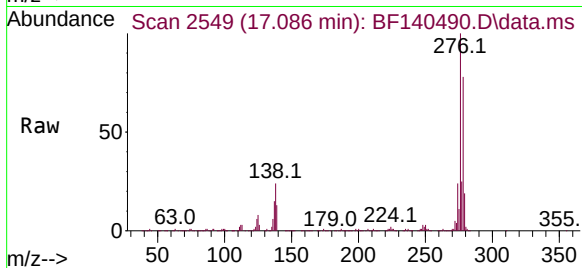
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh

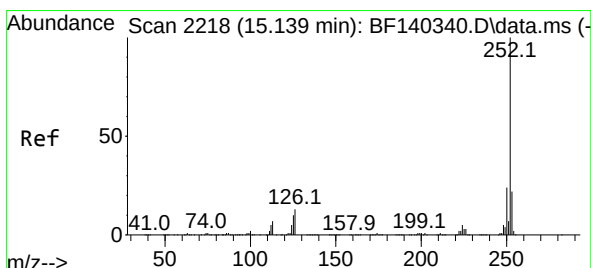
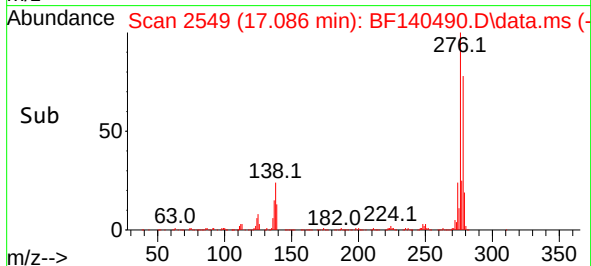
Patel



11/22/2024

Supervised By :mohammad
ahmed

11/22/2024



#88

Benzo(b)fluoranthene

Concen: 42.587 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

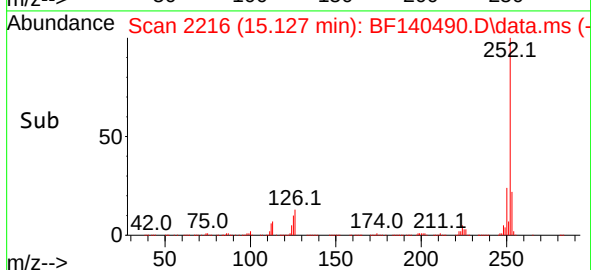
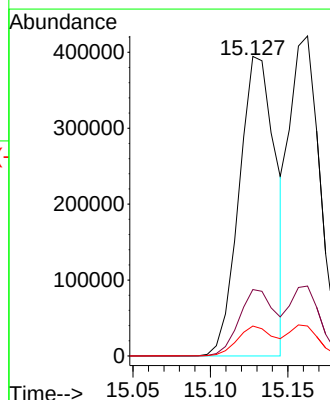
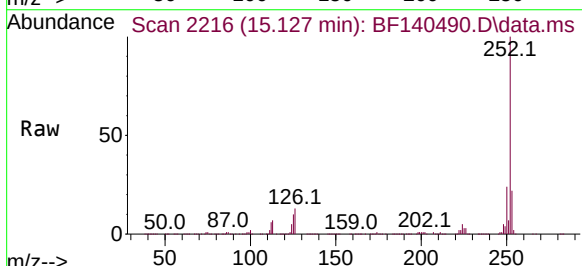
Tgt Ion:252 Resp: 644433

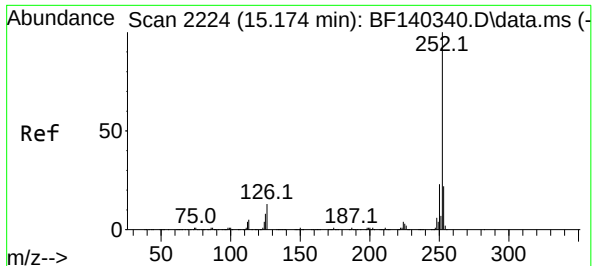
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.235 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

Tgt Ion:252 Resp: 571544

Ion Ratio Lower Upper

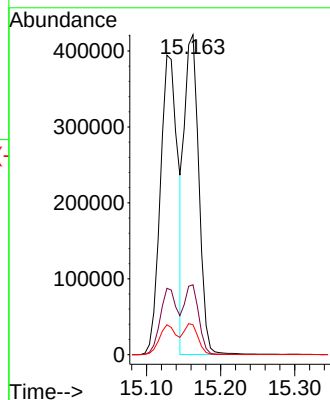
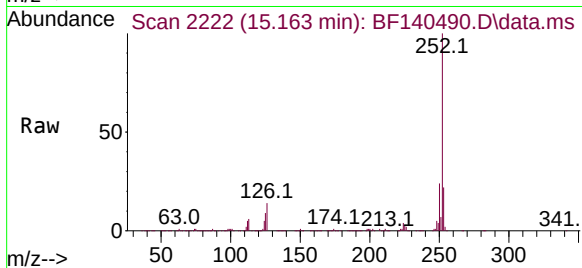
252 100

253 21.9 17.3 25.9

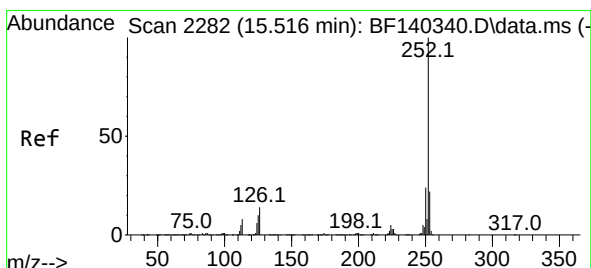
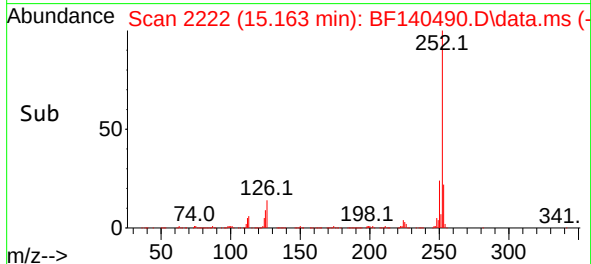
125 9.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel11/22/2024
Supervised By :mohammad
ahmed

11/22/2024



#90

Benzo(a)pyrene

Concen: 48.818 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

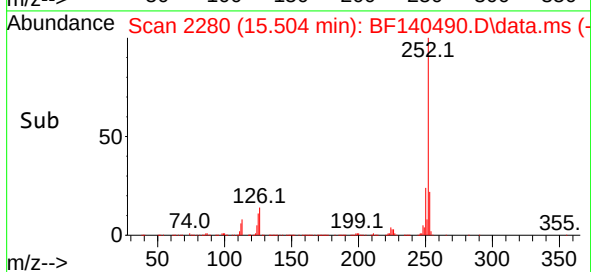
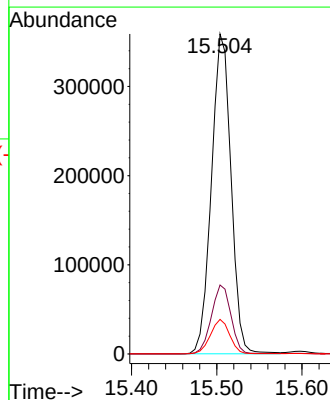
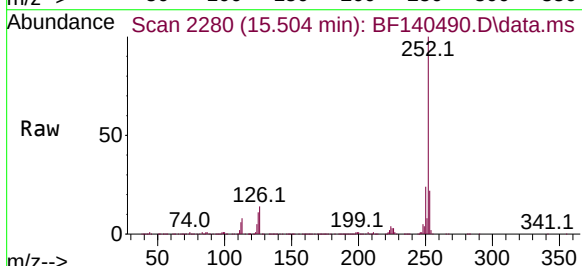
Tgt Ion:252 Resp: 573657

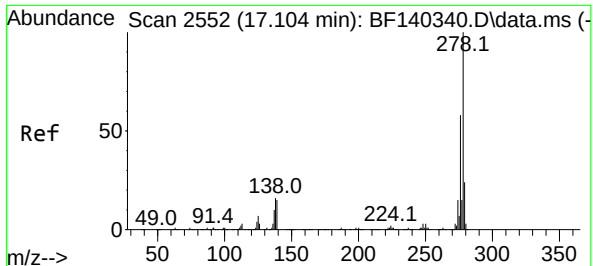
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

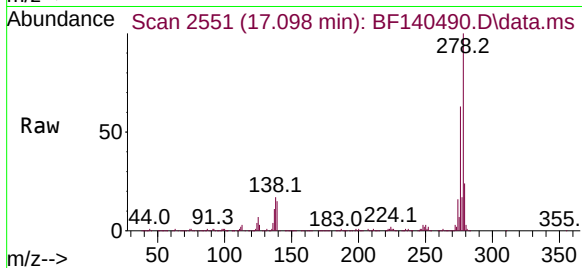
125 10.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 50.083 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

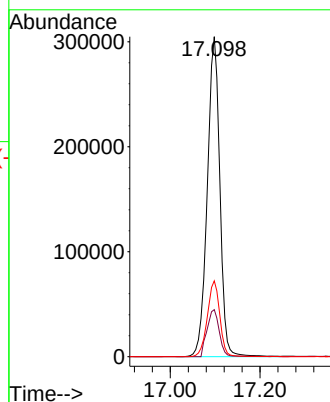
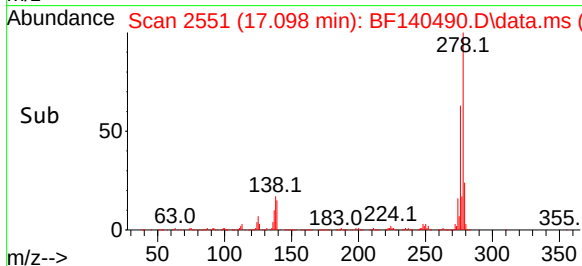
Instrument :
BNA_F
ClientSampleId :
PB165039BS



Tgt Ion: 278 Resp: 59156
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.7 18.9 28.3

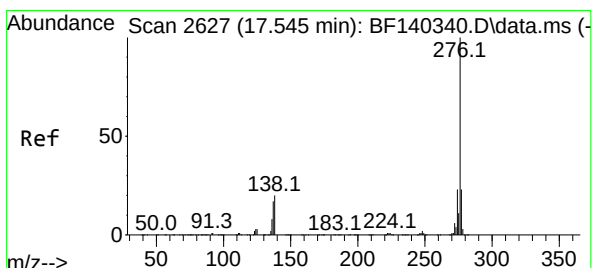
Manual Integrations
APPROVED

Reviewed By : Yogesh
Patel



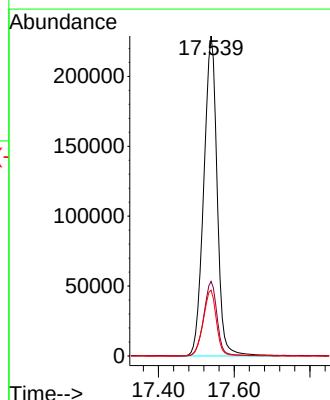
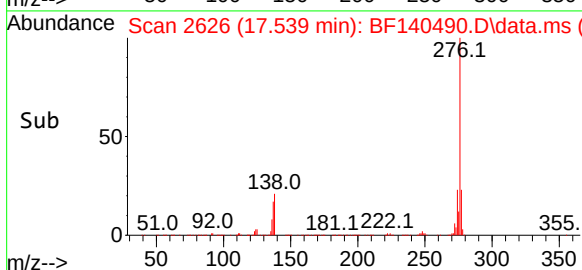
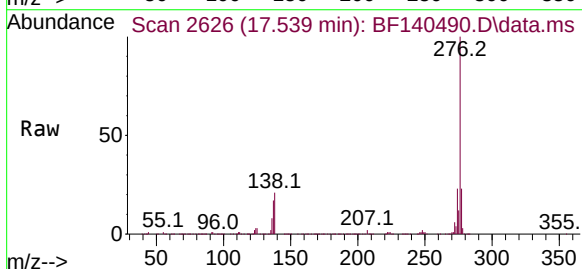
11/22/2024
Supervised By : mohammad
ahmed

11/22/2024



#92
Benzo(g,h,i)perylene
Concen: 46.417 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 276 Resp: 560505
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 20.6 16.0 24.0



Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BSD	SDG No.:	P4868
Lab Sample ID:	PB165039BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140491.D	1	11/16/24 08:15	11/20/24 10:49	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	38.3		4.00	8.00	10.0	ug/L
108-95-2	Phenol	42.4		0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.1		1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	44.9		0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	43.3		1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.3		1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	42.8		1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.9		1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.9		1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	42.1		1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	41.3		1.30	4.00	5.00	ug/L
78-59-1	Isophorone	43.3		1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	44.9		2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	53.1		1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.6		1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.8		0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	43.0		1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	20.2		1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.8		1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	43.2		1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	45.5		0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	43.6		1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.5		0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	42.9		1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	43.3		0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.6		0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	44.7		1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	45.1		0.93	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BSD	SDG No.:	P4868
Lab Sample ID:	PB165039BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140491.D	1	11/16/24 08:15	11/20/24 10:49	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	46.8		1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.4		1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	28.0		1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	49.1		0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	90.3	E	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	83.4	E	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	44.5		0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	44.7		1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	44.2		1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.0		0.98	4.00	5.00	ug/L
86-73-7	Fluorene	44.3		0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	43.2		2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.9		3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	45.6		0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.6		0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	44.2		1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	50.0		1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	84.5	E	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	45.0		0.89	4.00	5.00	ug/L
120-12-7	Anthracene	47.6		1.10	4.00	5.00	ug/L
86-74-8	Carbazole	44.4		1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.4		1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	44.4		1.30	4.00	5.00	ug/L
129-00-0	Pyrene	46.6		1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	47.9		2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	29.0		1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.8		0.94	4.00	5.00	ug/L
218-01-9	Chrysene	45.5		0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.2		1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	45.1		2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	42.5		1.10	4.00	5.00	ug/L

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	PB165039BSD	SDG No.:	P4868
Lab Sample ID:	PB165039BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140491.D	1	11/16/24 08:15	11/20/24 10:49	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	46.4		1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.7		1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.1		1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.7		1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	45.0		1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.4		1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	37.8		1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.2		0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121		19 - 119		81%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 130		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.7		44 - 120		83%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.6		44 - 119		86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		43 - 140		87%	SPK: 150
1718-51-0	Terphenyl-d14	93.3		50 - 134		93%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.875				
1146-65-2	Naphthalene-d8	462000	8.151				
15067-26-2	Acenaphthene-d10	259000	9.91				
1517-22-2	Phenanthrene-d10	492000	11.404				
1719-03-5	Chrysene-d12	293000	14.057				
1520-96-3	Perylene-d12	238000	15.568				

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\BF112024\
 Data File : BF140491.D
 Acq On : 20 Nov 2024 10:49
 Operator : RC/JU
 Sample : PB165039BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

Manual Integrations APPROVED

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

Quant Time: Nov 20 11:26:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	121736	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	462447	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	259407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	492347	20.000	ng	0.00
76) Chrysene-d12	14.057	240	292939	20.000	ng	0.00
86) Perylene-d12	15.568	264	237975	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	861930	120.888	ng	0.02
7) Phenol-d6	6.516	99	1125959	116.559	ng	0.01
23) Nitrobenzene-d5	7.434	82	734239	82.725	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	337968	131.016	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1381434	85.608	ng	0.00
79) Terphenyl-d14	12.986	244	1574473	93.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	120012	37.766	ng	97
3) Pyridine	3.493	79	306008	39.170	ng	99
4) n-Nitrosodimethylamine	3.446	42	163019	41.287	ng	98
6) Aniline	6.540	93	314213	37.392	ng	# 63
8) 2-Chlorophenol	6.663	128	344192	44.940	ng	98
9) Benzaldehyde	6.428	77	221462	38.252	ng	98
10) Phenol	6.528	94	431969	42.403	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	340281	44.084	ng	99
12) 1,3-Dichlorobenzene	6.816	146	354222	41.917	ng	100
13) 1,4-Dichlorobenzene	6.893	146	358495	41.838	ng	99
14) 1,2-Dichlorobenzene	7.046	146	345395	43.421	ng	99
15) Benzyl Alcohol	7.016	79	313056	44.981	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	439921	41.261	ng	75
17) 2-Methylphenol	7.134	107	272538	43.257	ng	# 93
18) Hexachloroethane	7.381	117	133272	42.072	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	244474	41.903	ng	99
20) 3+4-Methylphenols	7.287	107	345679	43.871	ng	98
22) Acetophenone	7.281	105	459909	42.760	ng	99
24) Nitrobenzene	7.457	77	381425	41.275	ng	99
25) Isophorone	7.693	82	680917	43.287	ng	100
26) 2-Nitrophenol	7.769	139	183934	44.853	ng	98
27) 2,4-Dimethylphenol	7.810	122	278924m	53.128	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	411343	42.646	ng	99
29) 2,4-Dichlorophenol	8.016	162	290874	44.830	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	298628	41.340	ng	99
31) Naphthalene	8.175	128	1008837	43.004	ng	100
32) Benzoic acid	7.940	122	196256	42.482	ng	98
33) 4-Chloroaniline	8.228	127	164503	20.164	ng	99
34) Hexachlorobutadiene	8.287	225	192600	41.846	ng	100
35) Caprolactam	8.592	113	93116m	43.178	ng	
36) 4-Chloro-3-methylphenol	8.716	107	327203	45.505	ng	99
37) 2-Methylnaphthalene	8.869	142	655213	43.558	ng	100
38) 1-Methylnaphthalene	8.969	142	608630	41.319	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	311076	43.365	ng	99
41) Hexachlorocyclopentadiene	9.016	237	295724	160.562	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	209705	44.545	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140491.D
 Acq On : 20 Nov 2024 10:49
 Operator : RC/JU
 Sample : PB165039BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

Manual Integrations APPROVED

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

Quant Time: Nov 20 11:26:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220709	42.881	ng	98
46) 1,1'-Biphenyl	9.334	154	817776	43.333	ng	99
47) 2-Chloronaphthalene	9.357	162	613068	42.646	ng	99
48) 2-Nitroaniline	9.457	65	212944	44.665	ng	99
49) Acenaphthylene	9.775	152	1016892	46.753	ng	100
50) Dimethylphthalate	9.634	163	761997	45.066	ng	100
51) 2,6-Dinitrotoluene	9.698	165	167442	43.438	ng	97
52) Acenaphthene	9.945	154	721171m	49.090	ng	
53) 3-Nitroaniline	9.869	138	113479	28.032	ng	100
54) 2,4-Dinitrophenol	9.981	184	179443	90.272	ng	99
55) Dibenzofuran	10.122	168	926220	44.537	ng	100
56) 4-Nitrophenol	10.045	139	246266	83.401	ng	99
57) 2,4-Dinitrotoluene	10.104	165	226880	44.722	ng	99
58) Fluorene	10.463	166	728499	44.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	191962	47.235	ng	100
60) Diethylphthalate	10.334	149	763965	44.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	357046	44.021	ng	99
62) 4-Nitroaniline	10.486	138	178849	43.209	ng	97
63) Azobenzene	10.610	77	754707	44.178	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	126971	47.933	ng	96
66) n-Nitrosodiphenylamine	10.575	169	649271	45.641	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	219437	44.587	ng	97
68) Hexachlorobenzene	11.010	284	244889	44.224	ng	99
69) Atrazine	11.098	200	215183	49.997	ng	99
70) Pentachlorophenol	11.210	266	251973	84.474	ng	99
71) Phenanthrene	11.428	178	1040890	45.005	ng	100
72) Anthracene	11.481	178	1078980	47.601	ng	99
73) Carbazole	11.633	167	993041	44.369	ng	100
74) Di-n-butylphthalate	11.957	149	1192406	44.389	ng	100
75) Fluoranthene	12.616	202	1151225	44.367	ng	100
77) Benzidine	12.739	184	284086	25.267	ng	99
78) Pyrene	12.851	202	1166778	46.565	ng	100
80) Butylbenzylphthalate	13.457	149	460791	47.871	ng	98
81) Benzo(a)anthracene	14.045	228	862530	44.801	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	177745	29.046	ng	100
83) Chrysene	14.086	228	799412	45.508	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	606727	47.223	ng	100
85) Di-n-octyl phthalate	14.669	149	815449	45.064	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	721757	49.098	ng	99
88) Benzo(b)fluoranthene	15.127	252	662250	42.541	ng	100
89) Benzo(k)fluoranthene	15.163	252	590265	46.415	ng	100
90) Benzo(a)pyrene	15.504	252	588626	48.691	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	592002	48.720	ng	100
92) Benzo(g,h,i)perylene	17.539	276	559109	45.008	ng	99

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

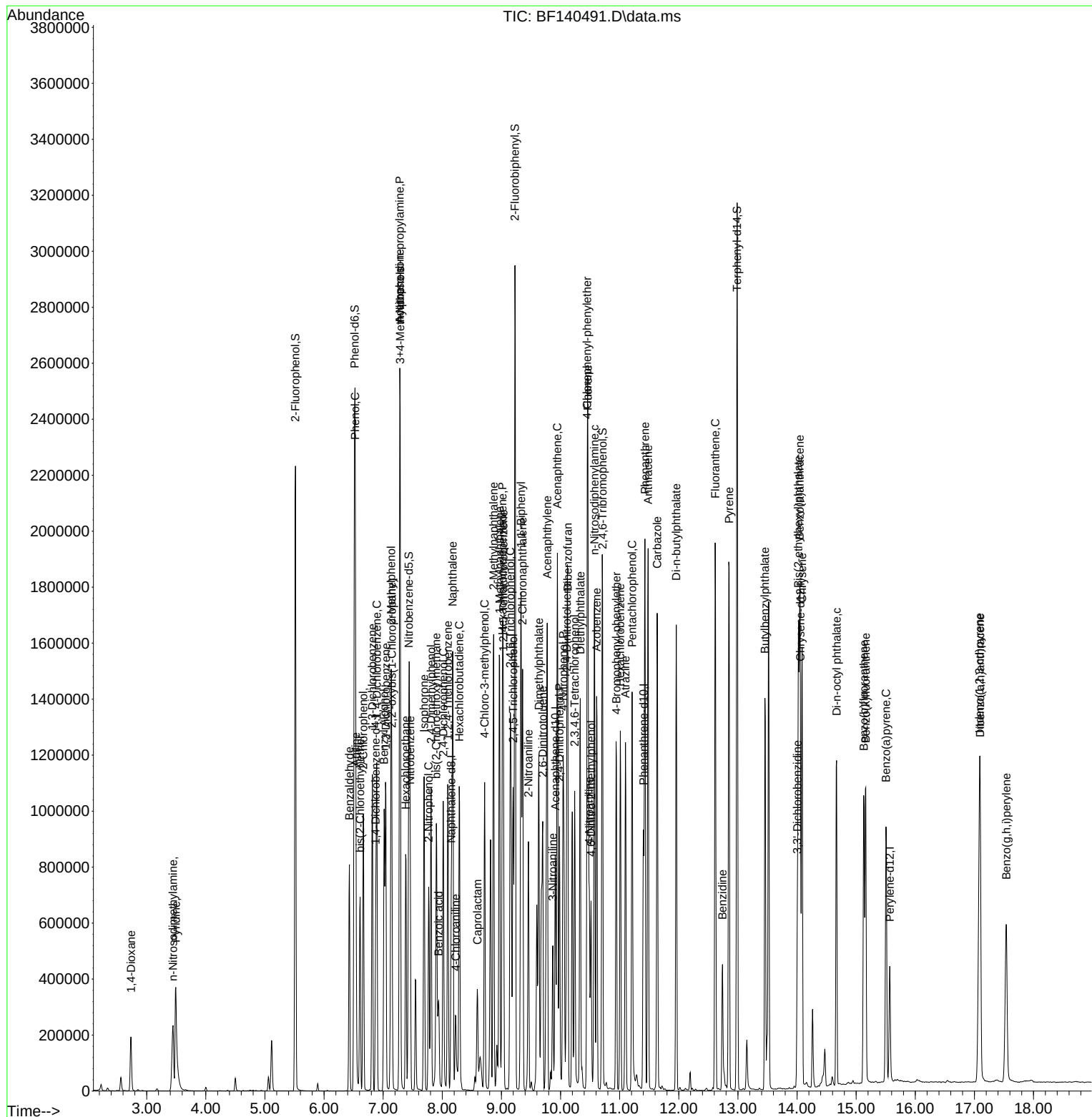
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Data File : BF140491.D
Acq On : 20 Nov 2024 10:49
Operator : RC/JU
Sample : PB165039BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

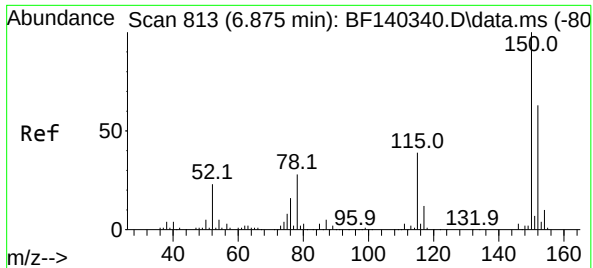
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Manual Integrations APPROVED

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

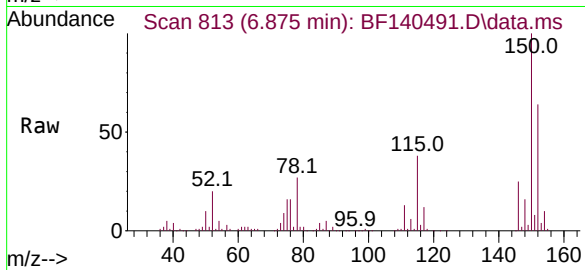
Quant Time: Nov 20 11:26:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

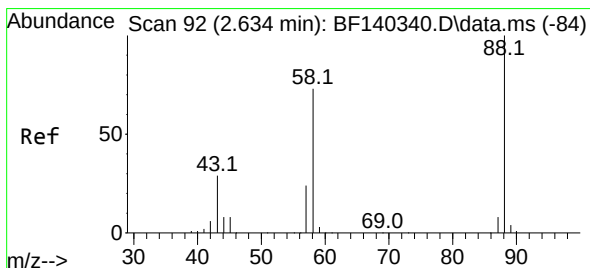
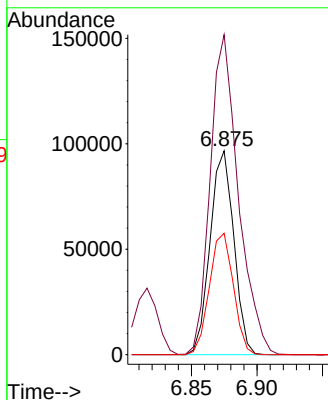
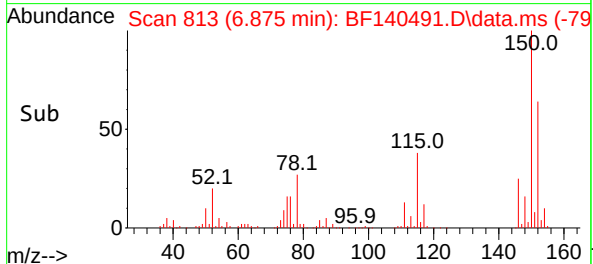
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:152 Resp: 121730
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 59.6 47.4 71.2

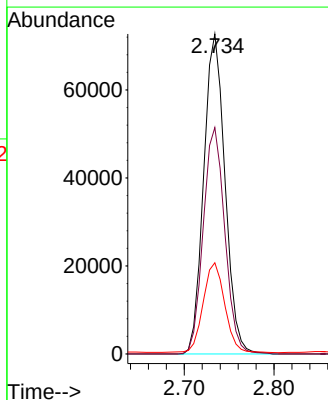
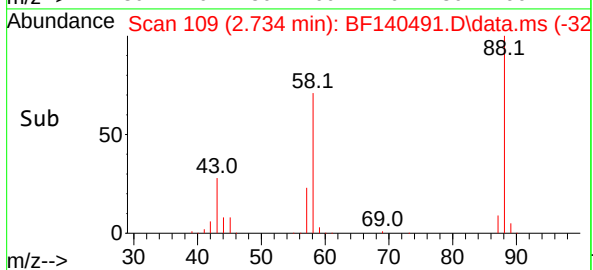
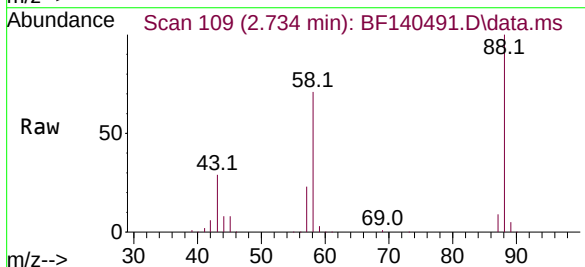
Manual Integrations
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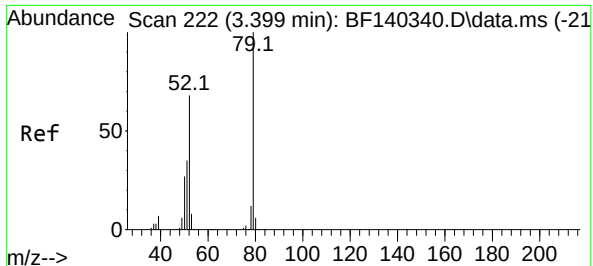
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#2
1,4-Dioxane
Concen: 37.766 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 88 Resp: 120012
Ion Ratio Lower Upper
88 100
58 71.5 59.5 89.3
43 28.5 23.4 35.2





#3

Pyridine

Concen: 39.170 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion: 79 Resp: 306008

Ion Ratio Lower Upper

79 100

52 66.4 53.8 80.6

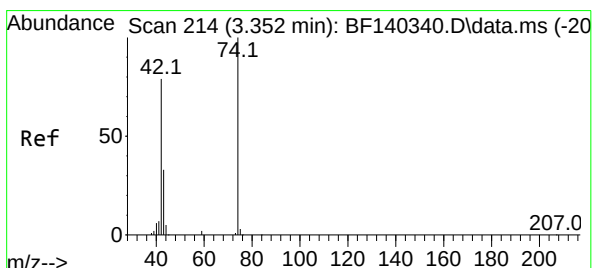
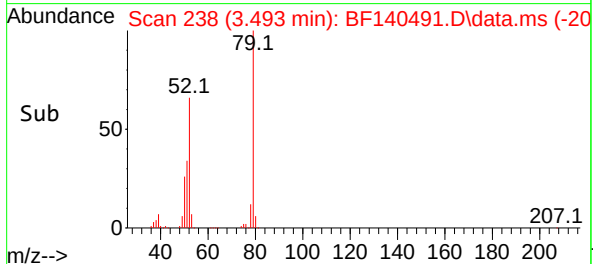
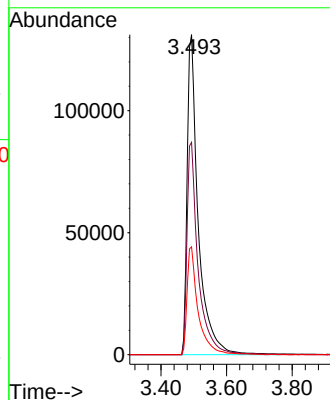
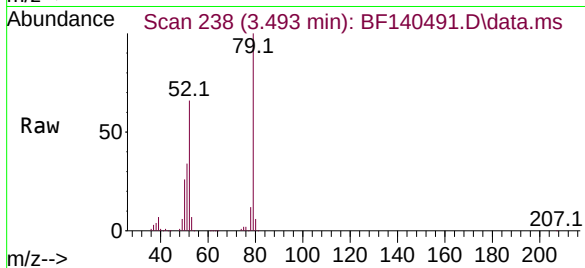
51 33.7 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#4

n-Nitrosodimethylamine

Concen: 41.287 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

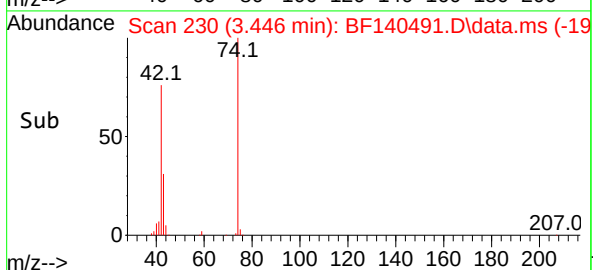
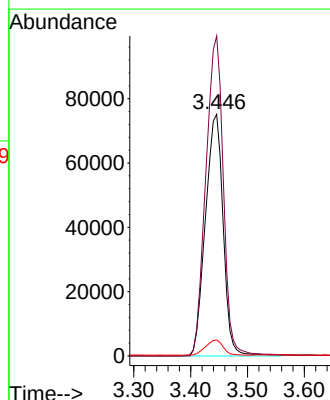
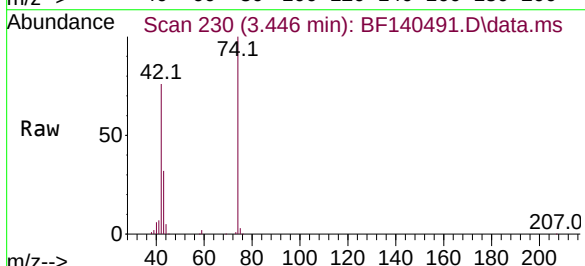
Tgt Ion: 42 Resp: 163019

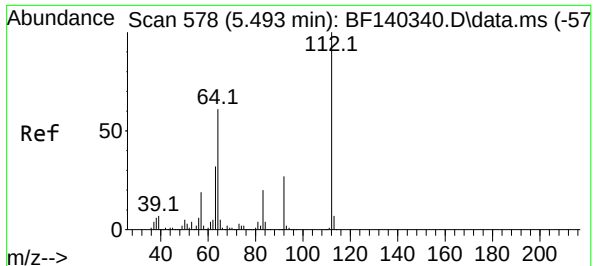
Ion Ratio Lower Upper

42 100

74 132.4 103.5 155.3

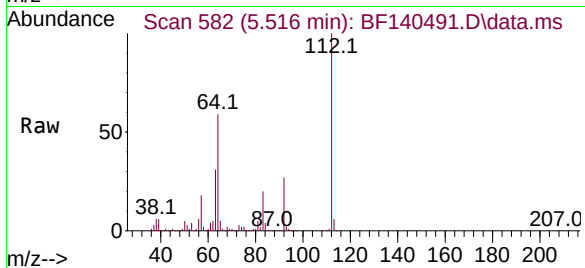
44 6.6 5.1 7.7





#5
2-Fluorophenol
Concen: 120.888 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

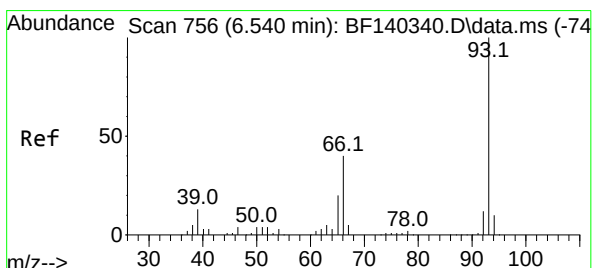
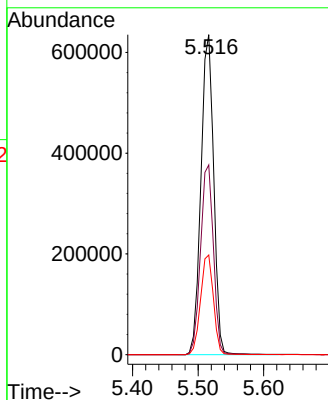
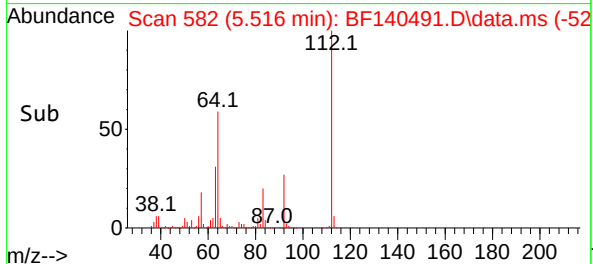
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion: 112 Resp: 861930
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 31.2 25.6 38.4

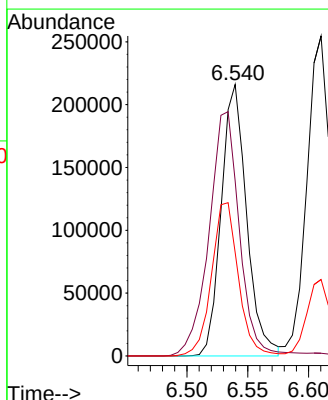
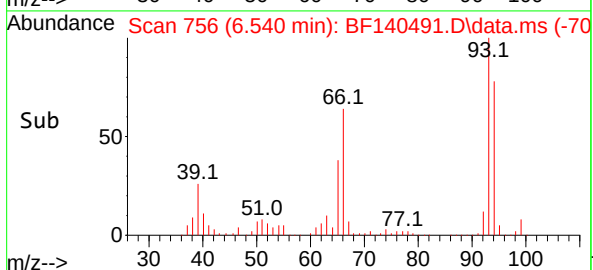
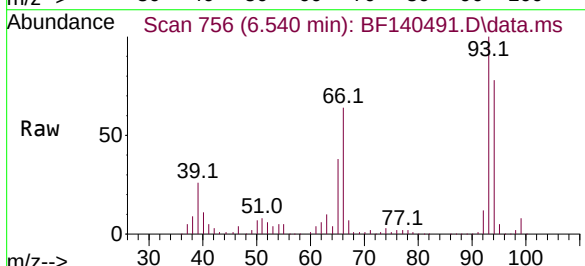
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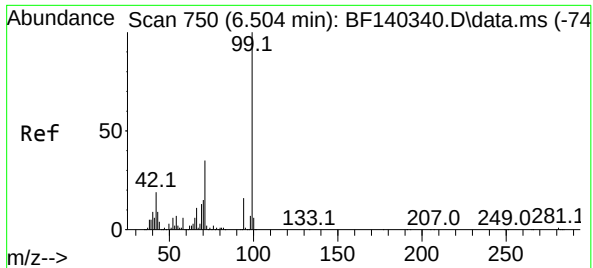
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#6
Aniline
Concen: 37.392 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 93 Resp: 314213
Ion Ratio Lower Upper
93 100
66 64.5 32.8 49.2#
65 38.1 16.6 25.0#





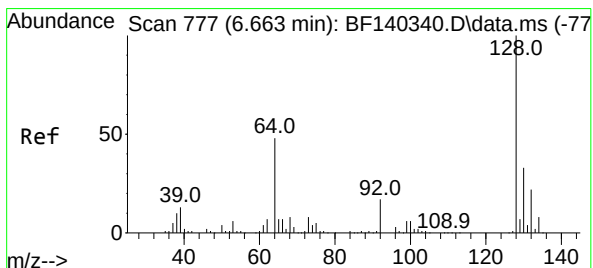
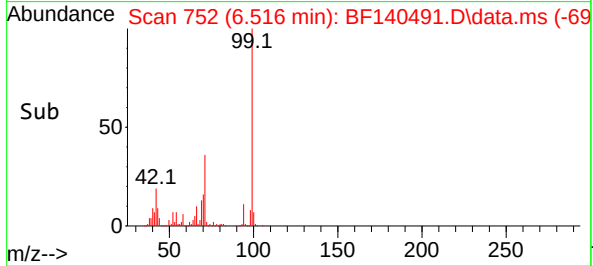
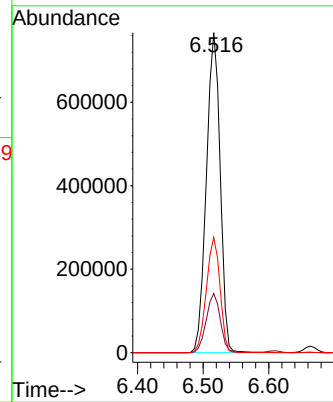
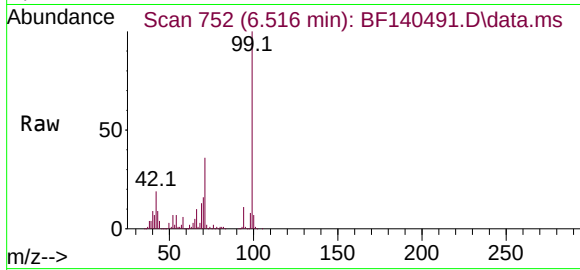
#7
Phenol-d6
Concen: 116.559 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion: 99 Resp: 112595
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 36.0 27.9 41.9

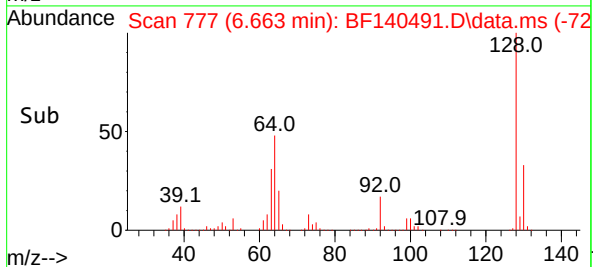
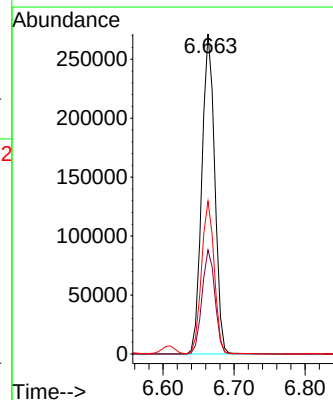
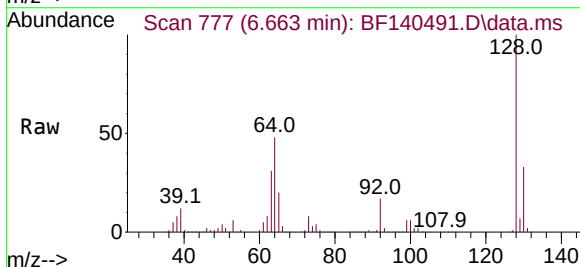
Manual Integrations
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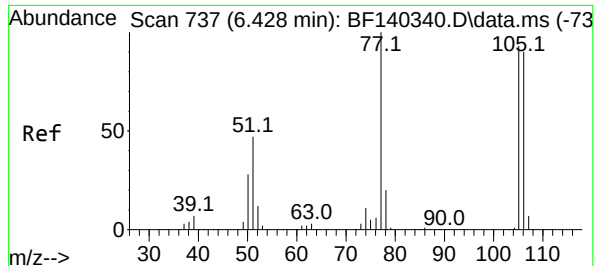
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#8
2-Chlorophenol
Concen: 44.940 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:128 Resp: 344192
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 47.8 30.2 70.2





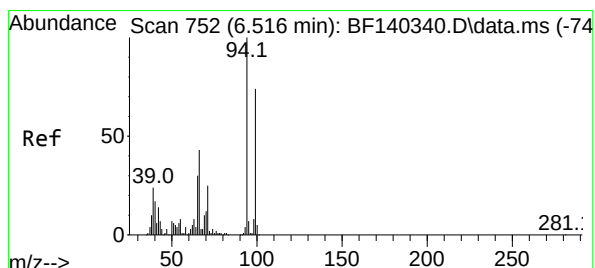
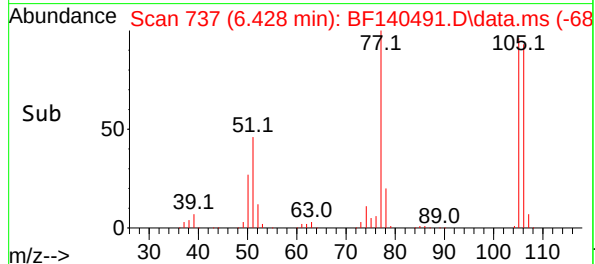
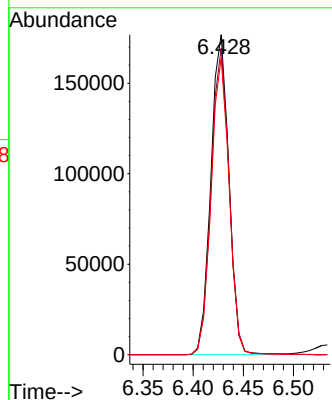
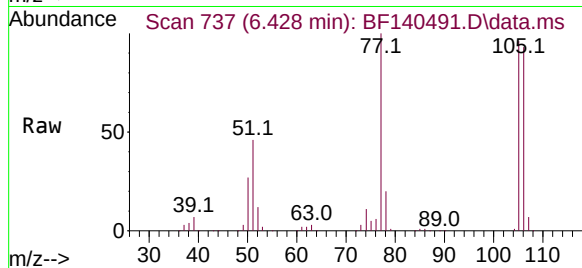
#9
Benzaldehyde
Concen: 38.252 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion: 77 Resp: 221462
Ion Ratio Lower Upper
77 100
105 95.7 74.4 114.4
106 92.6 69.9 109.9

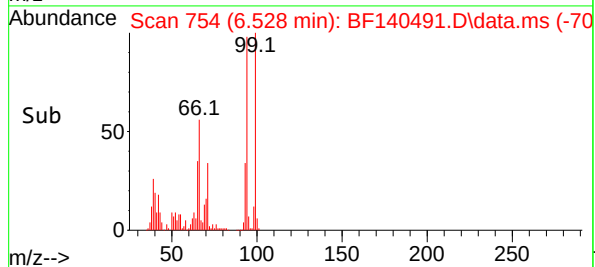
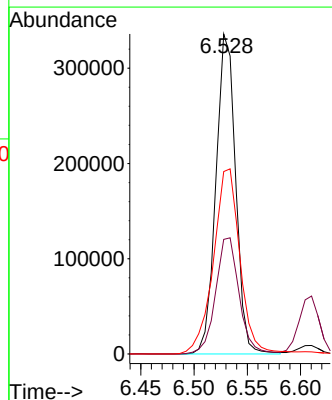
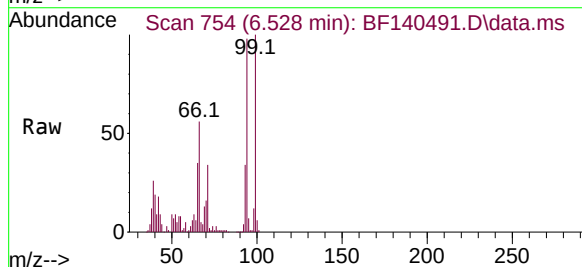
Manual Integrations
APPROVED

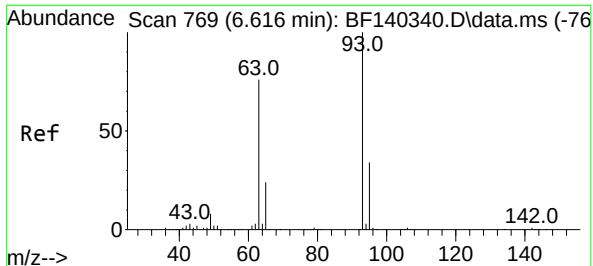
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#10
Phenol
Concen: 42.403 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 94 Resp: 431969
Ion Ratio Lower Upper
94 100
65 35.8 10.4 50.4
66 57.0 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 44.084 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion: 93 Resp: 34028

Ion Ratio Lower Upper

93 100

63 73.2 54.0 94.0

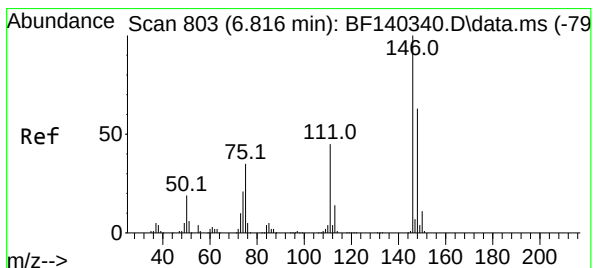
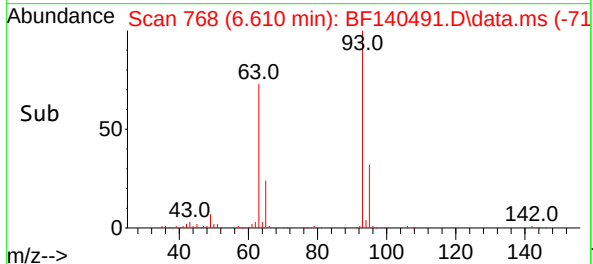
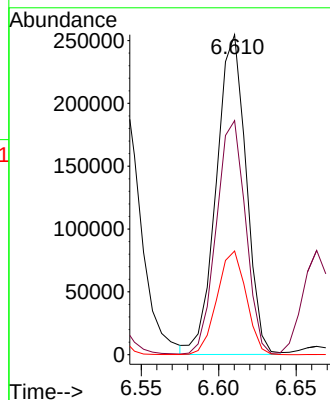
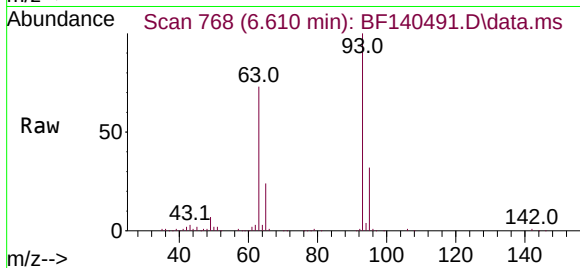
95 32.4 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#12

1,3-Dichlorobenzene

Concen: 41.917 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

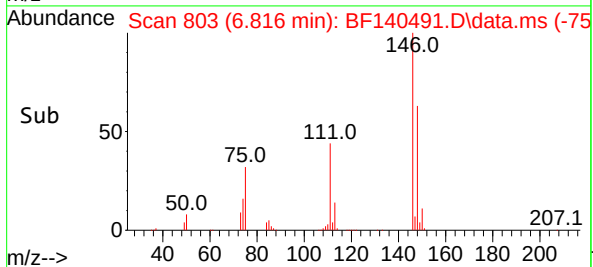
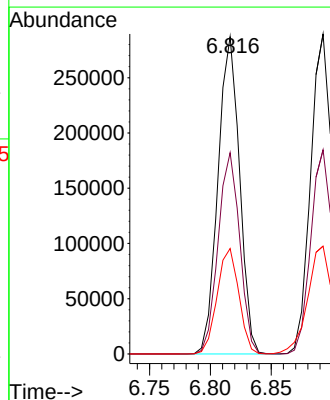
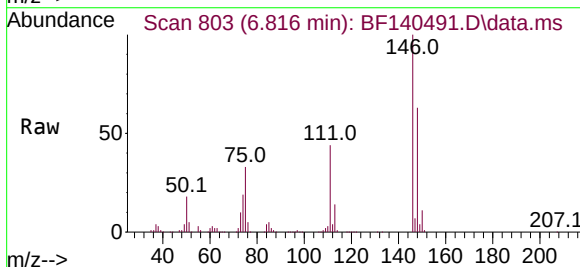
Tgt Ion:146 Resp: 354222

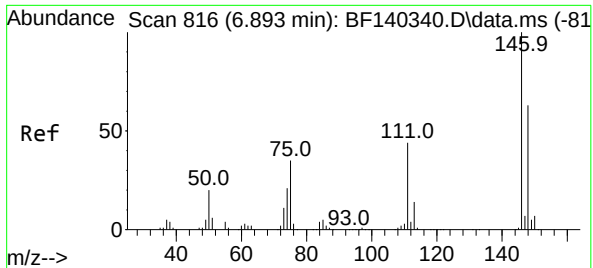
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

75 33.2 26.4 39.6





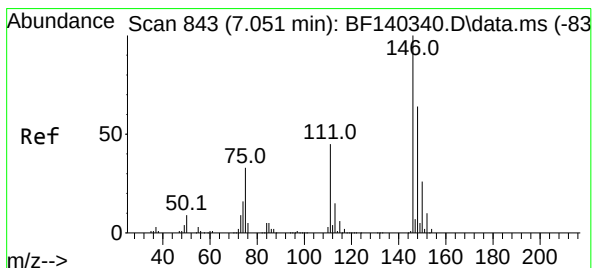
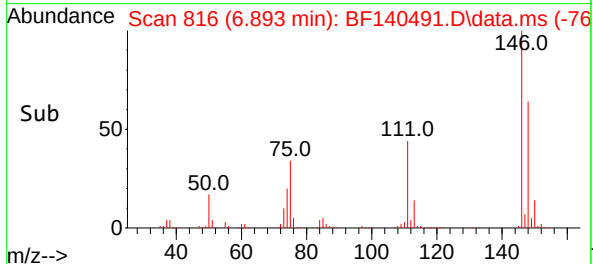
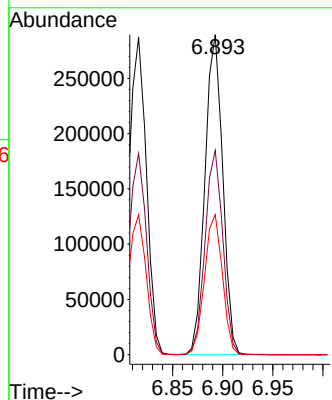
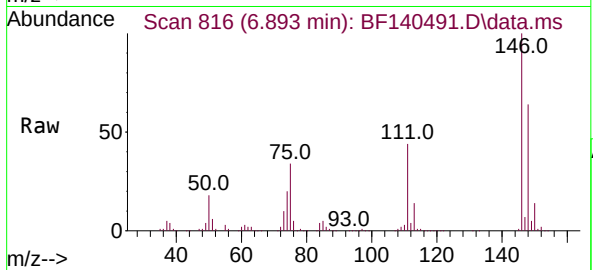
#13
1,4-Dichlorobenzene
Concen: 41.838 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:146 Resp: 358495
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 43.8 34.2 51.2

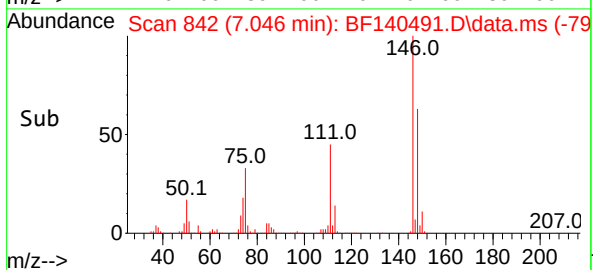
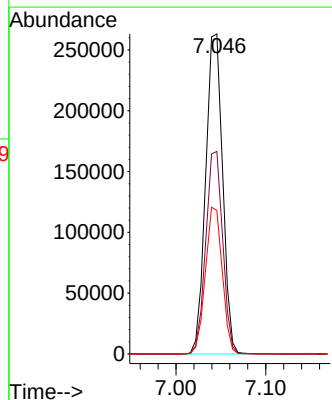
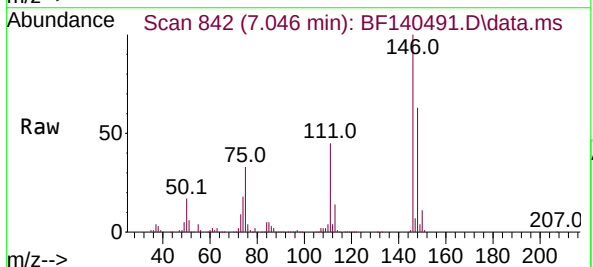
Manual Integrations
APPROVED

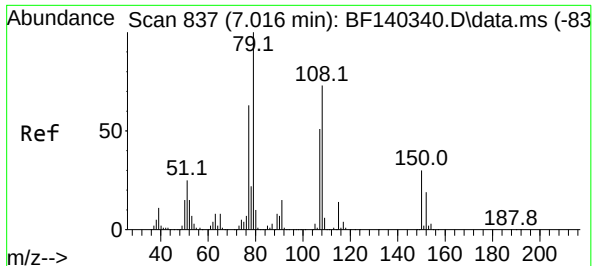
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#14
1,2-Dichlorobenzene
Concen: 43.421 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:146 Resp: 345395
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 44.9 36.5 54.7





#15

Benzyl Alcohol

Concen: 44.981 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion: 79 Resp: 313050

Ion Ratio Lower Upper

79 100

108 73.7 57.8 86.6

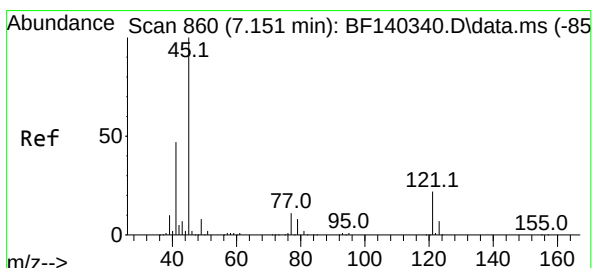
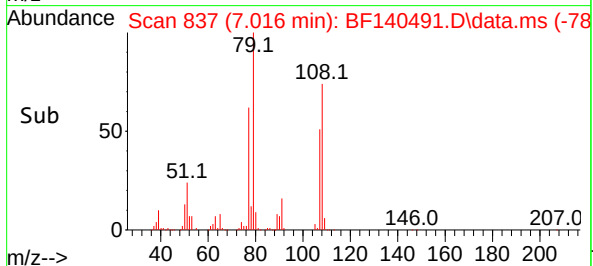
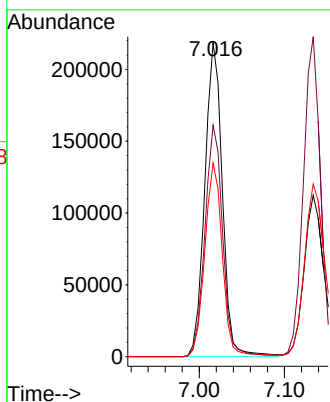
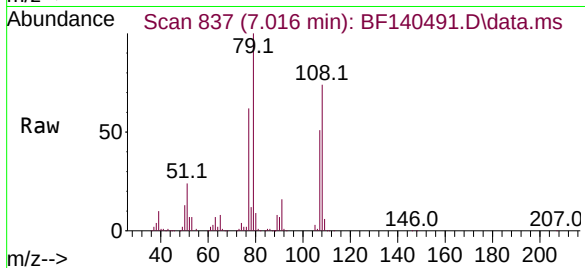
77 61.6 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.261 ng

RT: 7.146 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

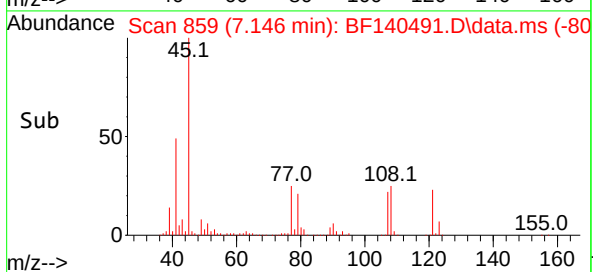
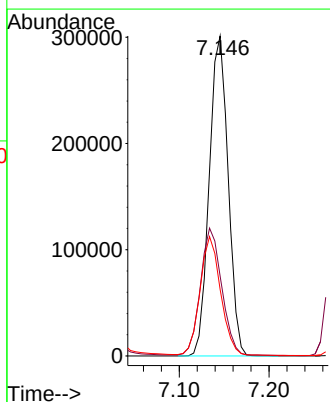
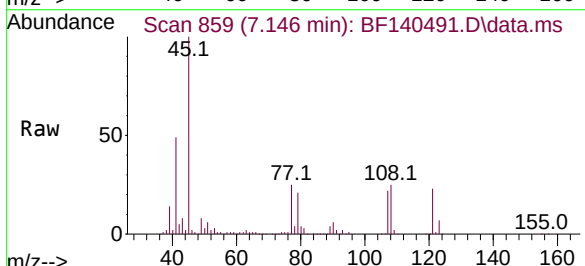
Tgt Ion: 45 Resp: 439921

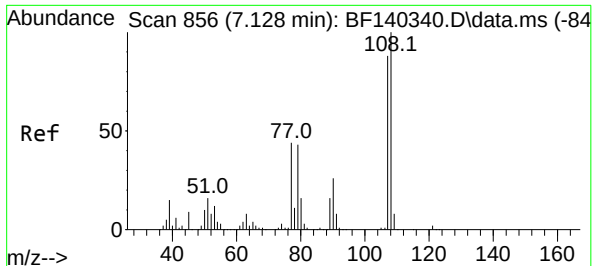
Ion Ratio Lower Upper

45 100

77 25.0 0.0 34.8

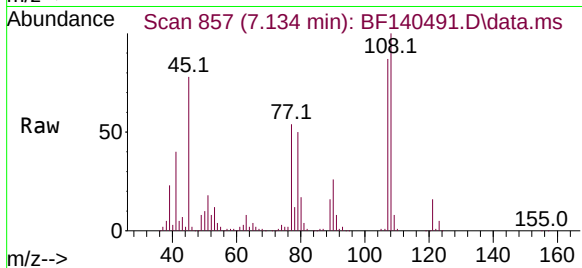
79 20.8 0.0 31.4





#17
2-Methylphenol
Concen: 43.257 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

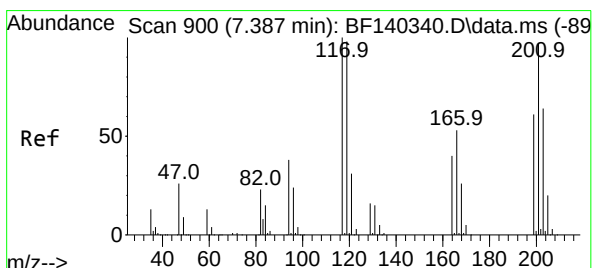
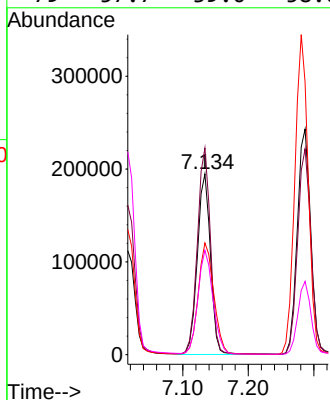
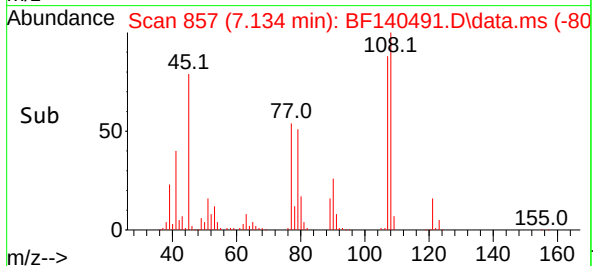
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:107 Resp: 272538
Ion Ratio Lower Upper
107 100
108 114.3 91.9 137.9
77 61.8 39.7 59.5
79 57.7 39.0 58.6

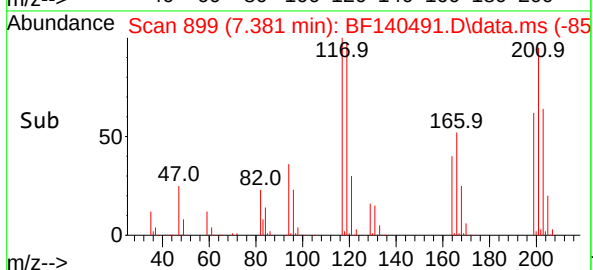
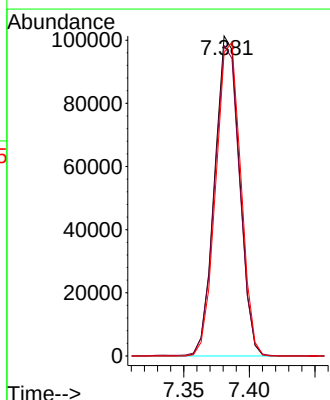
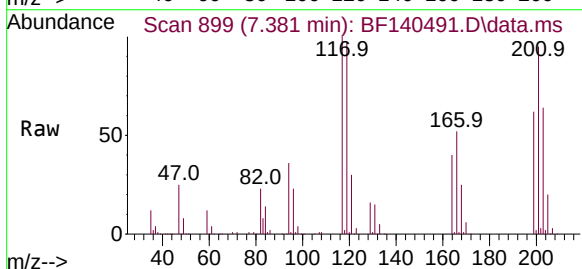
Manual Integrations
APPROVED

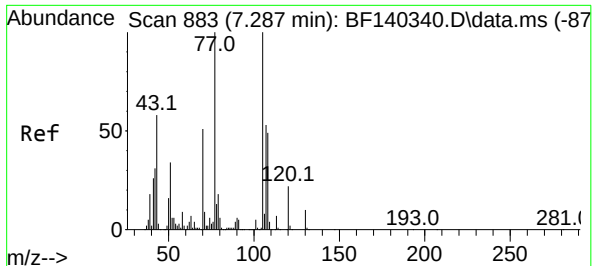
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#18
Hexachloroethane
Concen: 42.072 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:117 Resp: 133272
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3
201 94.8 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.903 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF140491.D

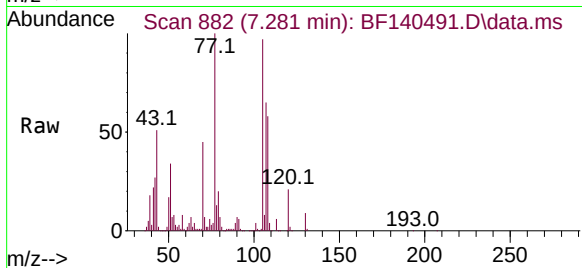
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD



Tgt Ion: 70 Resp: 244474

Ion Ratio Lower Upper

70 100

42 59.6 46.8 70.2

101 9.2 7.5 11.3

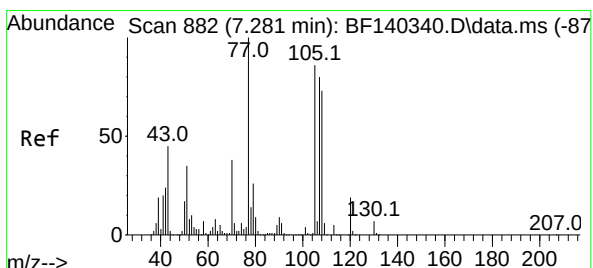
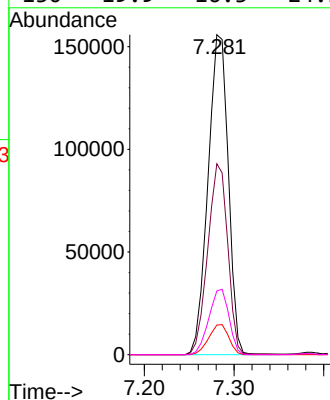
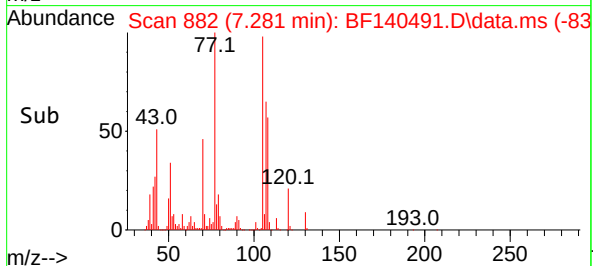
130 19.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#20

3+4-Methylphenols

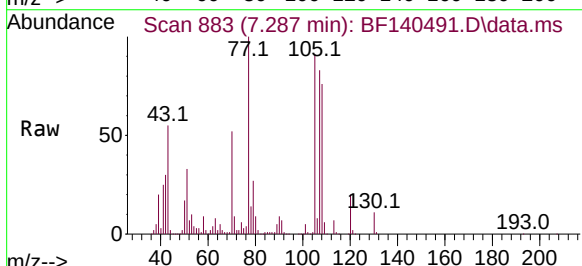
Concen: 43.871 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49



Tgt Ion:107 Resp: 345679

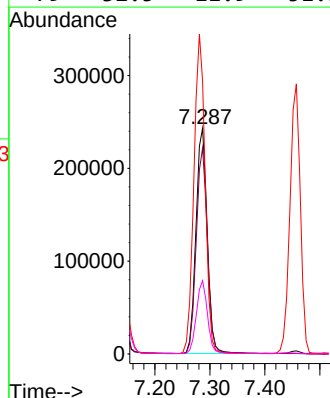
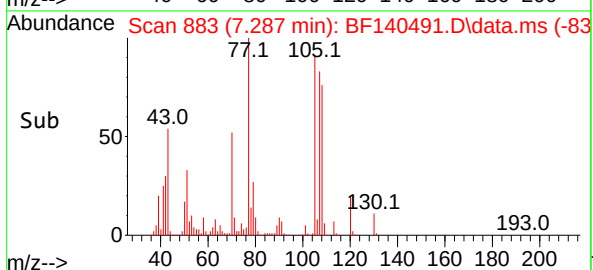
Ion Ratio Lower Upper

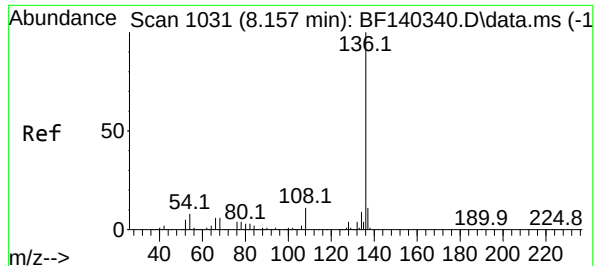
107 100

108 91.3 71.4 111.4

77 120.8 97.0 137.0

79 32.5 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:136 Resp: 46244

Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.8 6.5 9.7

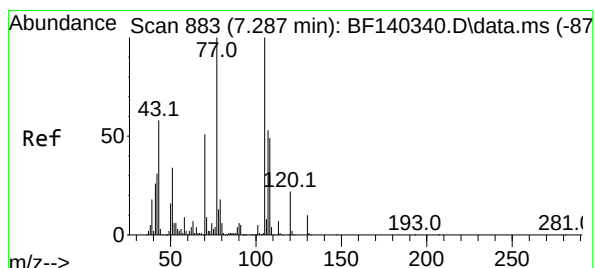
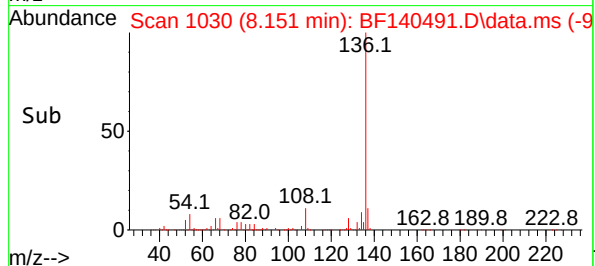
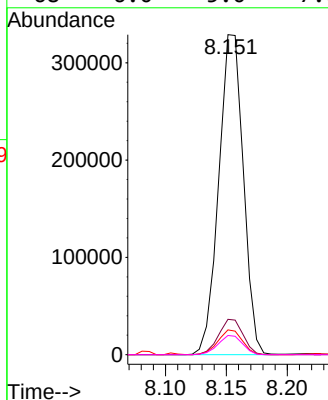
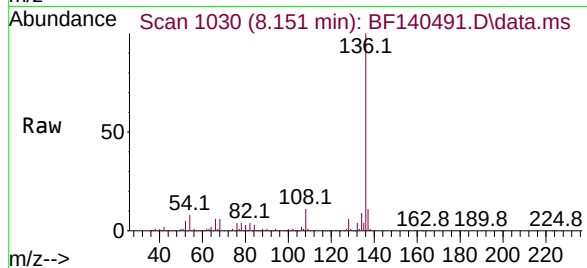
68 6.0 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#22

Acetophenone

Concen: 42.760 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:105 Resp: 459909

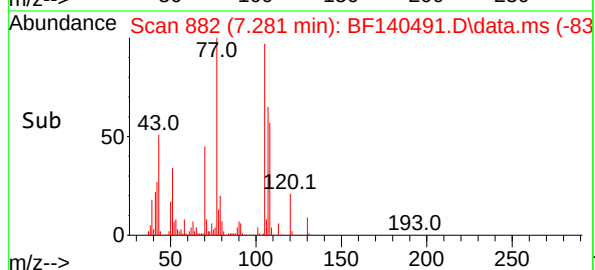
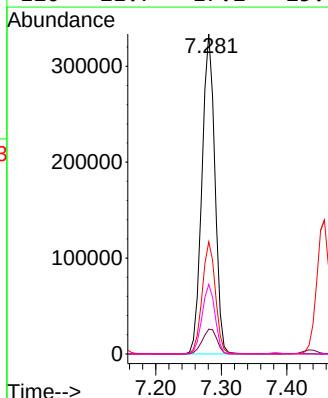
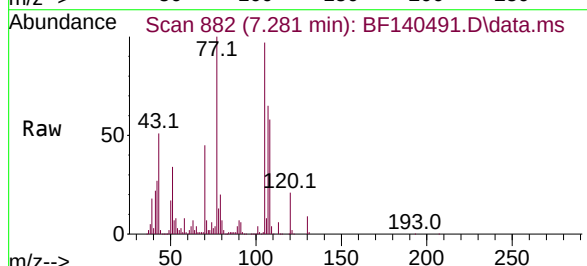
Ion Ratio Lower Upper

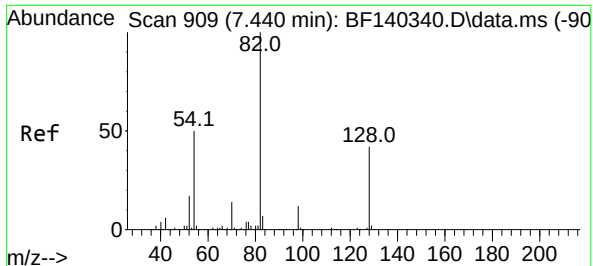
105 100

71 7.7 6.9 10.3

51 35.1 28.6 43.0

120 21.7 17.2 25.8





#23

Nitrobenzene-d5

Concen: 82.725 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion: 82 Resp: 734239

Ion Ratio Lower Upper

82 100

128 42.4 33.3 49.9

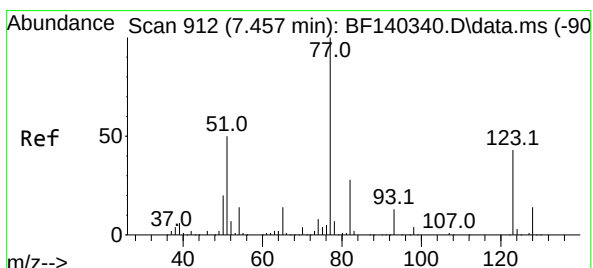
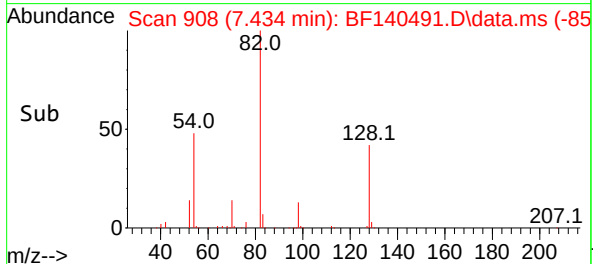
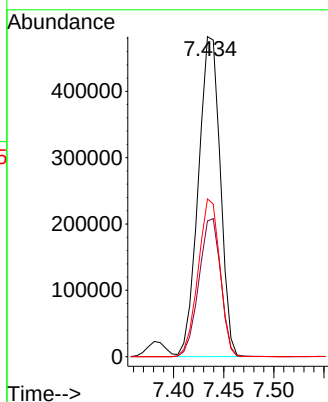
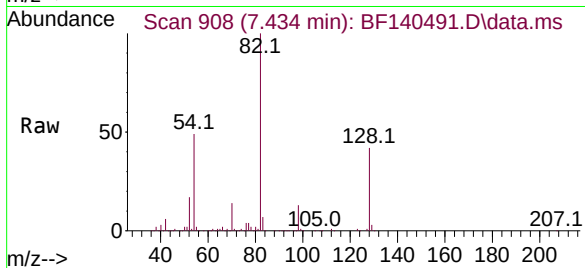
54 49.3 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#24

Nitrobenzene

Concen: 41.275 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

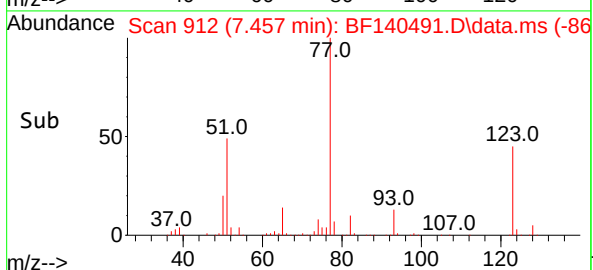
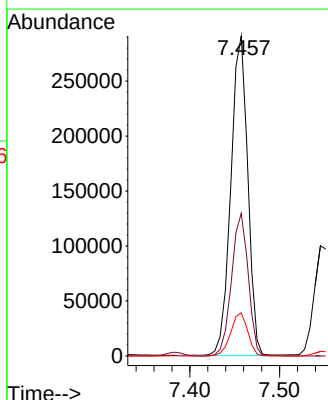
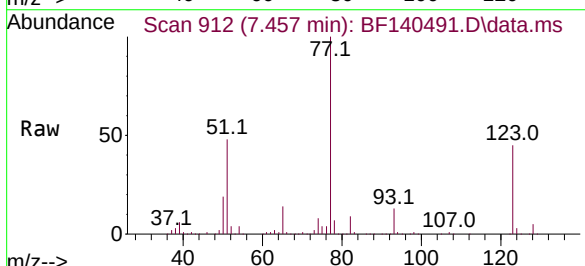
Tgt Ion: 77 Resp: 381425

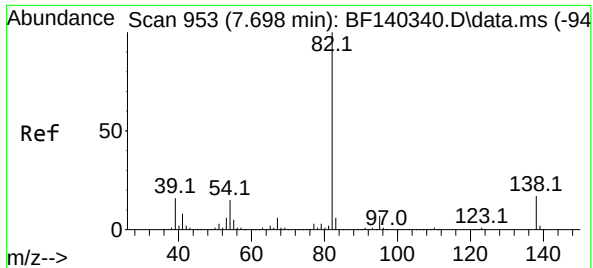
Ion Ratio Lower Upper

77 100

123 44.6 35.4 53.0

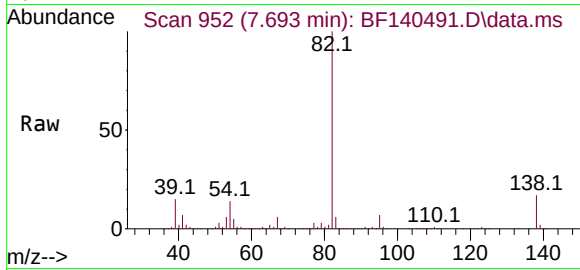
65 13.5 11.1 16.7





#25
Isophorone
Concen: 43.287 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

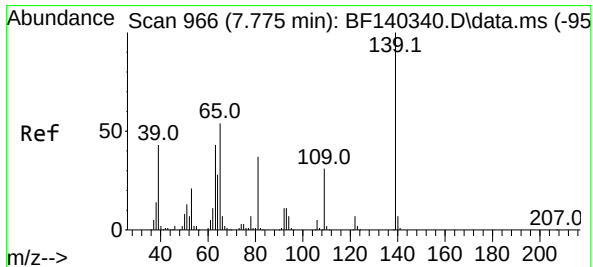
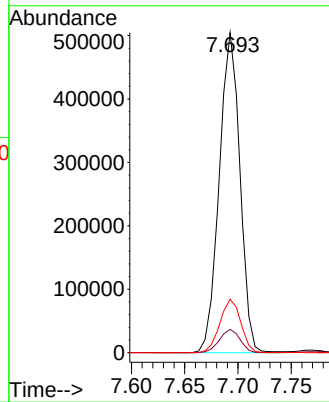
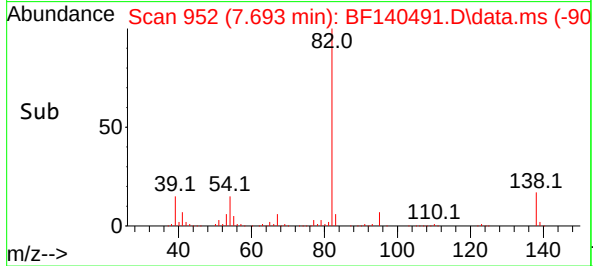
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion: 82 Resp: 68091
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.7 13.4 20.2

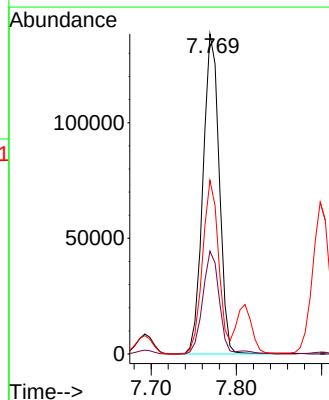
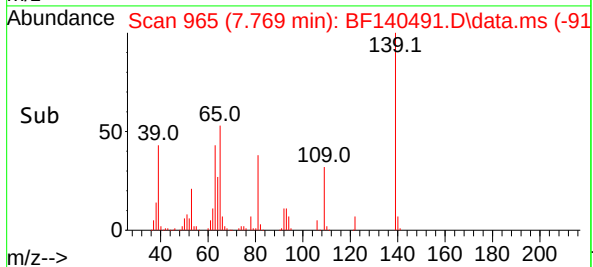
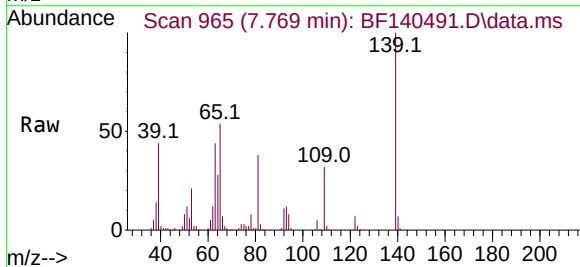
Manual Integrations
APPROVED

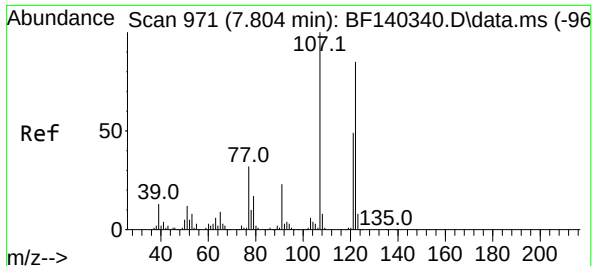
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#26
2-Nitrophenol
Concen: 44.853 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:139 Resp: 183934
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 54.2 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 53.128 ng m

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:122 Resp: 278924

Ion Ratio Lower Upper

122 100

107 116.2 91.3 136.9

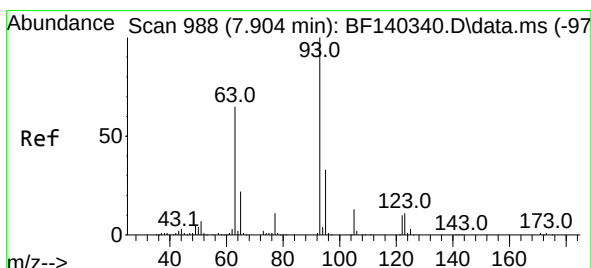
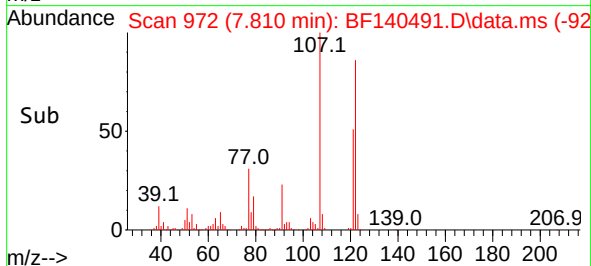
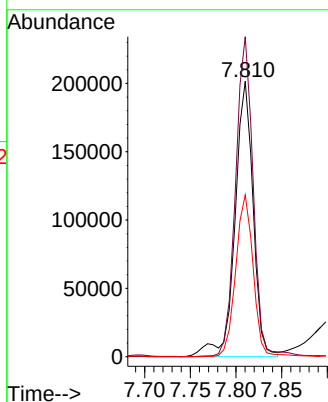
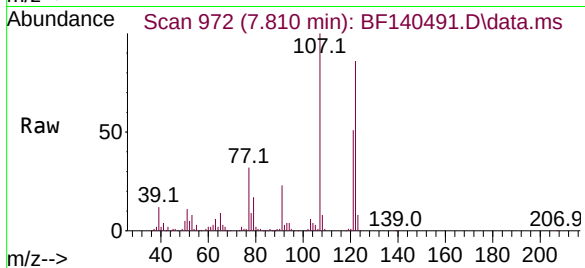
121 58.7 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.646 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

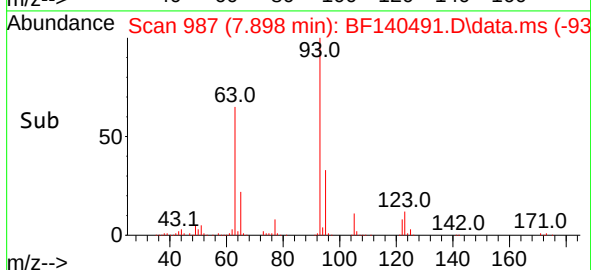
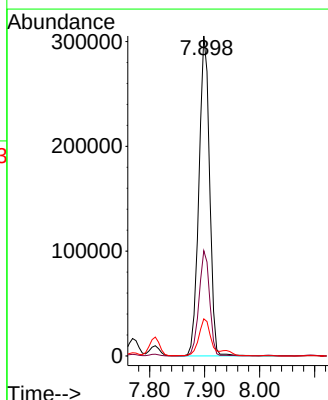
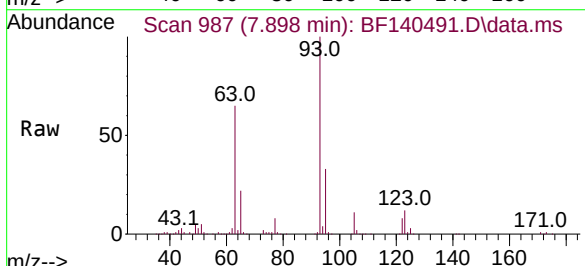
Tgt Ion: 93 Resp: 411343

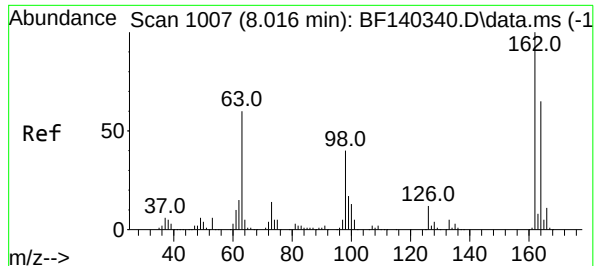
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 11.6 9.2 13.8





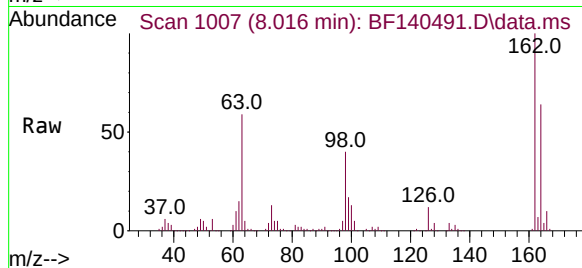
#29
2,4-Dichlorophenol
Concen: 44.830 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

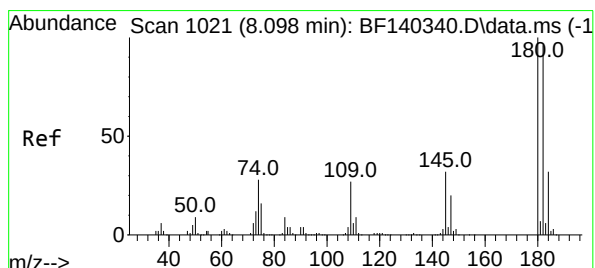
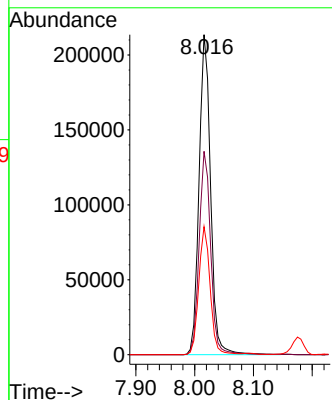
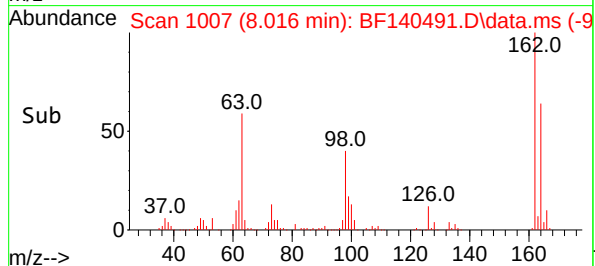
PB165039BSD



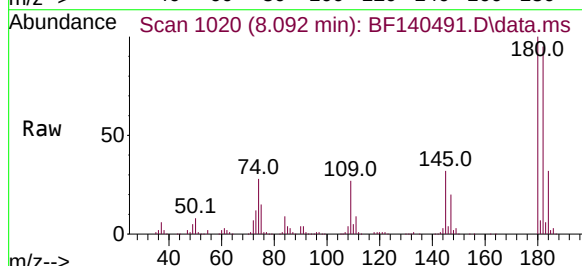
Tgt Ion:162 Resp: 290874
Ion Ratio Lower Upper
162 100
164 63.6 45.4 85.4
98 40.0 19.9 59.9

Manual Integrations
APPROVED

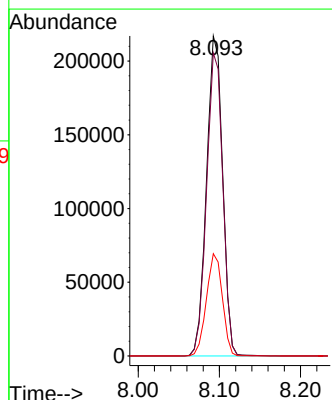
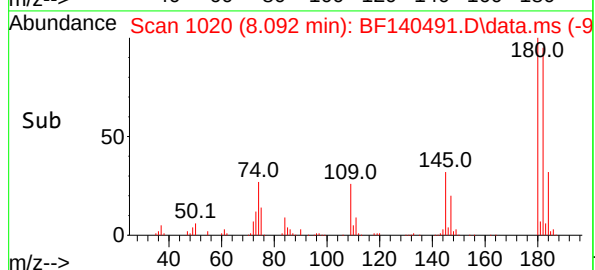
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

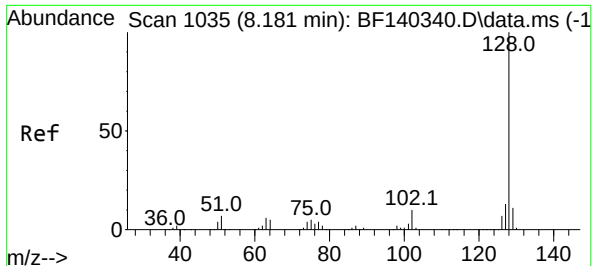


#30
1,2,4-Trichlorobenzene
Concen: 41.340 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:180 Resp: 298628
Ion Ratio Lower Upper
180 100
182 94.7 76.5 114.7
145 31.9 25.3 37.9





#31

Naphthalene

Concen: 43.004 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:128 Resp: 100883

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

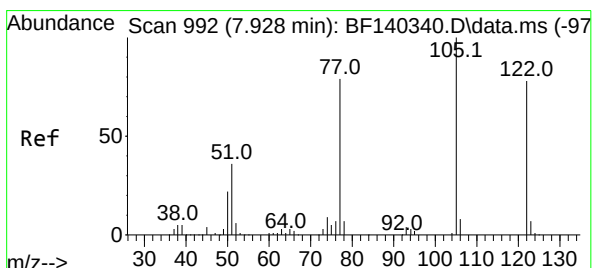
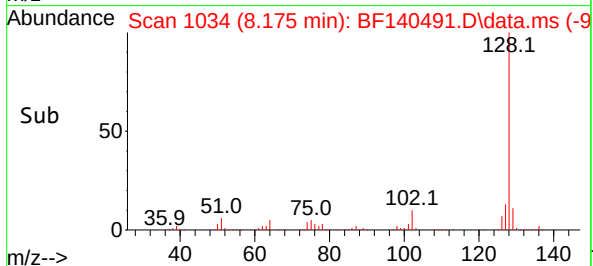
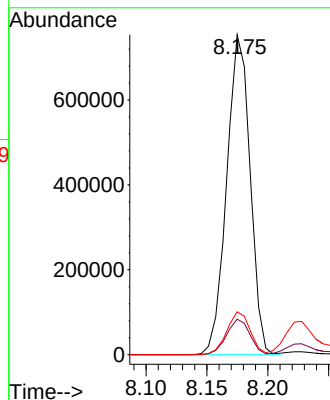
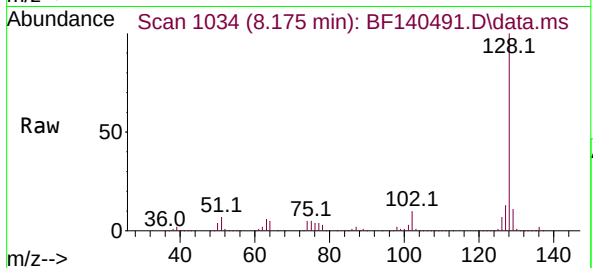
127 13.4 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#32

Benzoic acid

Concen: 42.482 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

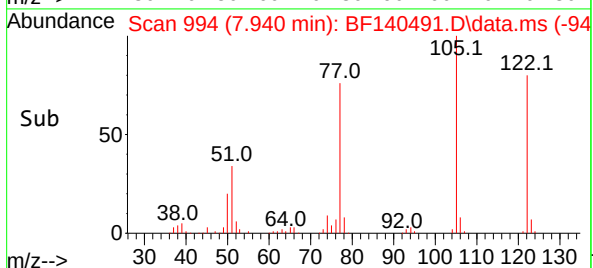
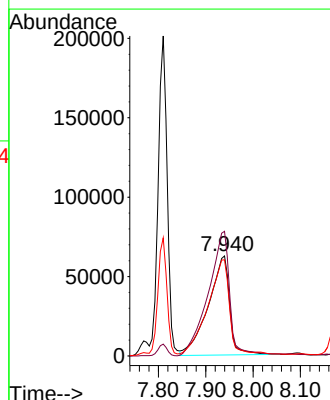
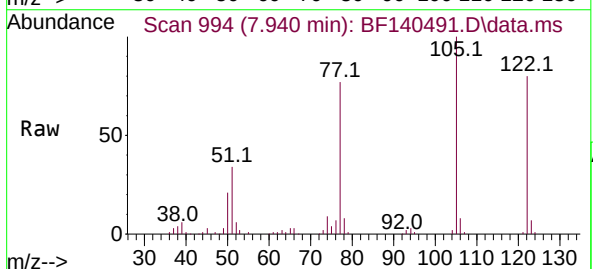
Tgt Ion:122 Resp: 196256

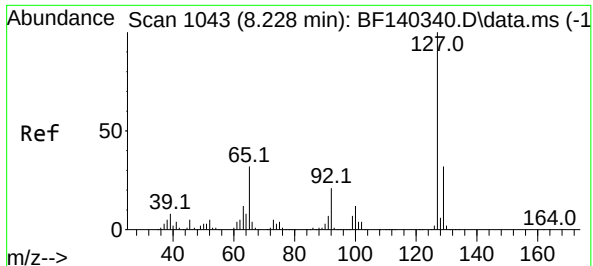
Ion Ratio Lower Upper

122 100

105 124.6 100.9 140.9

77 96.2 76.0 116.0





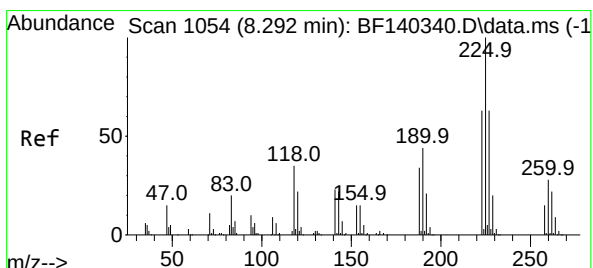
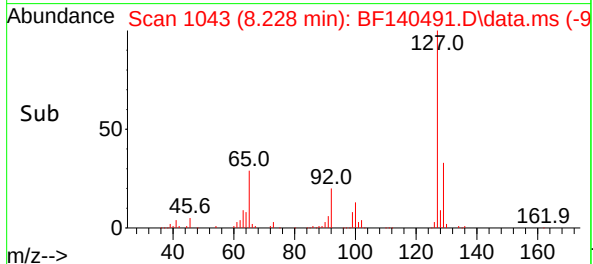
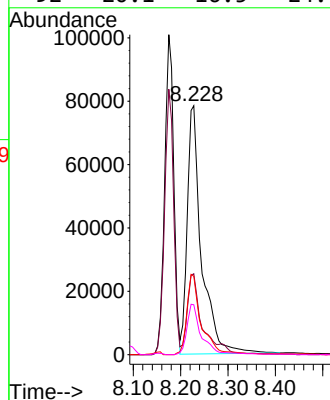
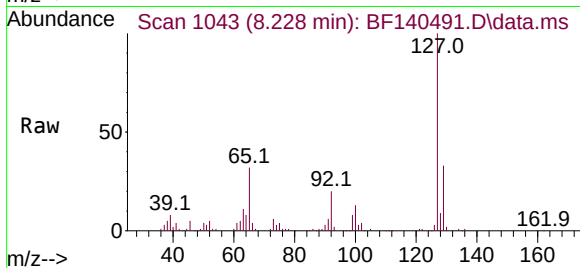
#33
4-Chloroaniline
Concen: 20.164 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.5	25.8	38.6
92	20.1	16.5	24.7

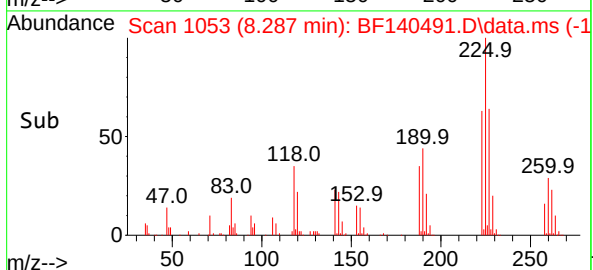
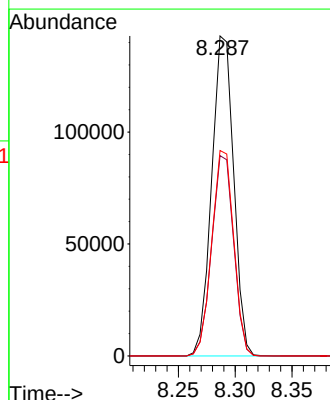
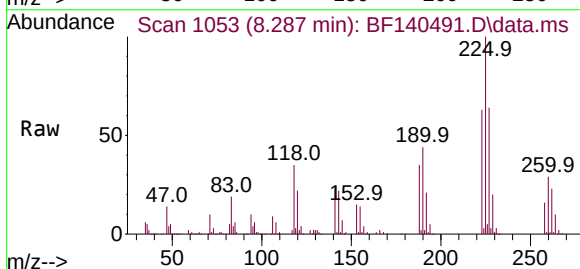
Manual Integrations
APPROVED

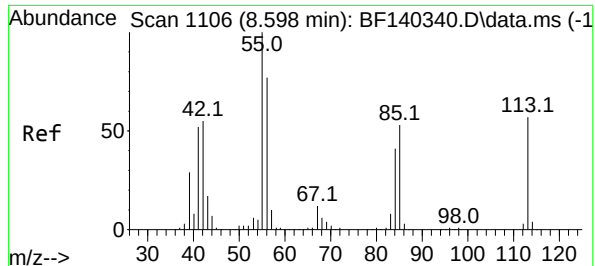
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#34
Hexachlorobutadiene
Concen: 41.846 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.2	51.3	76.9





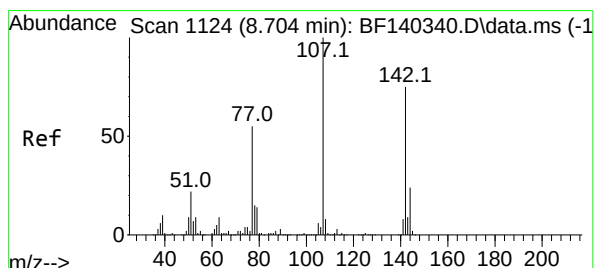
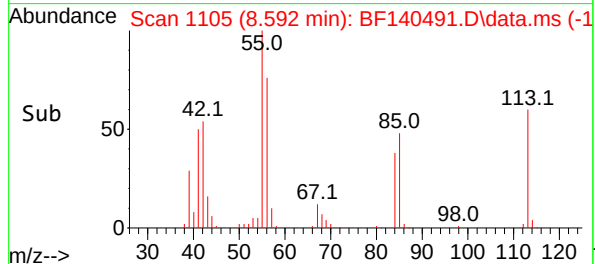
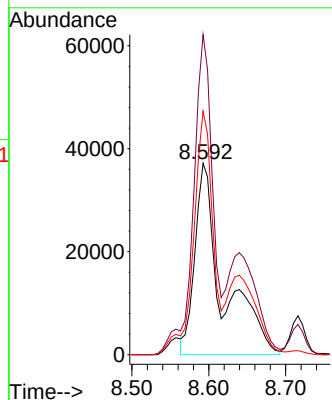
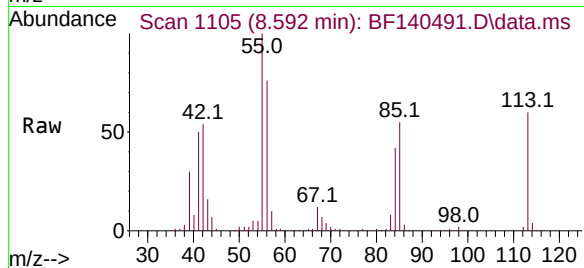
#35
Caprolactam
Concen: 43.178 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:113 Resp: 93110
Ion Ratio Lower Upper
113 100
55 167.2 150.0 190.0
56 127.3 111.1 151.1

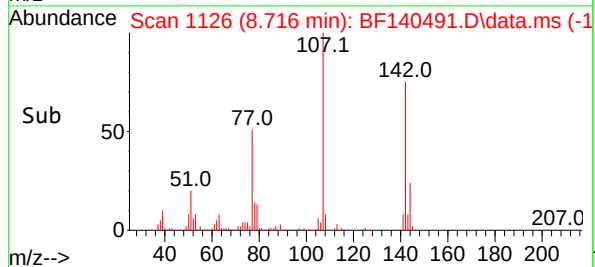
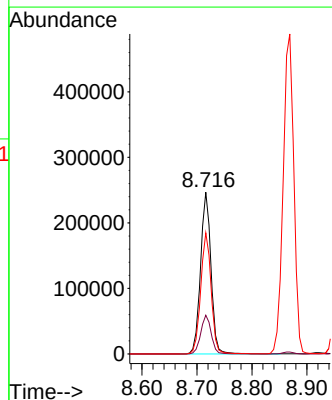
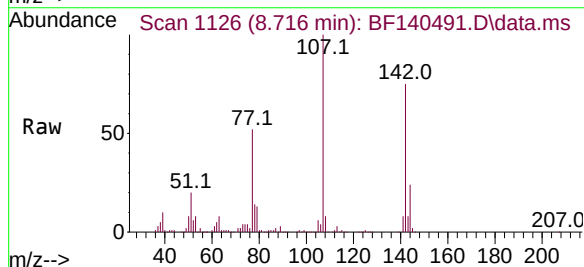
Manual Integrations
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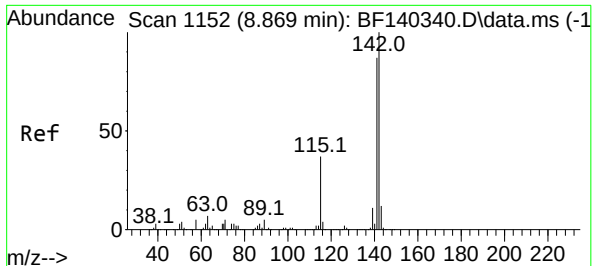
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#36
4-Chloro-3-methylphenol
Concen: 45.505 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:107 Resp: 327203
Ion Ratio Lower Upper
107 100
144 24.0 19.3 28.9
142 74.9 59.4 89.0





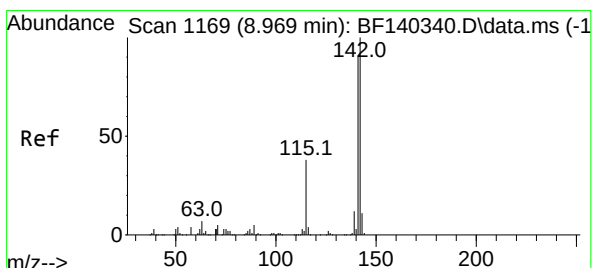
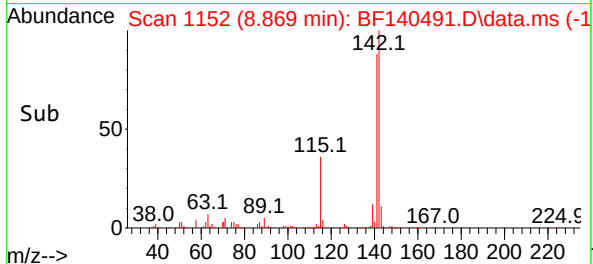
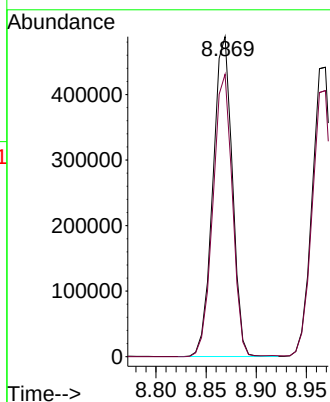
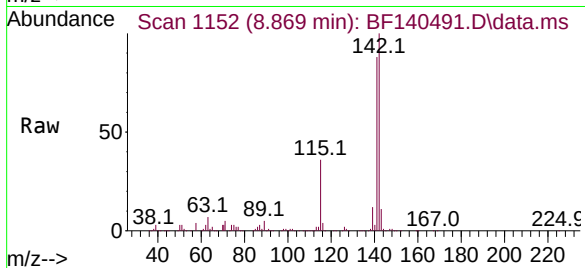
#37
2-Methylnaphthalene
Concen: 43.558 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:142 Resp: 65521
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6

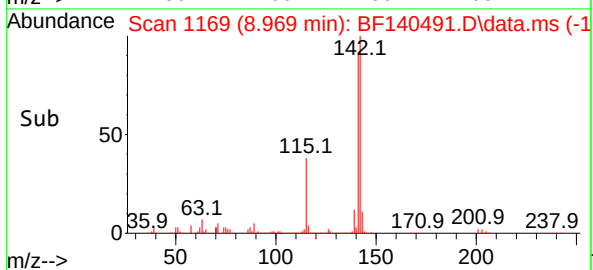
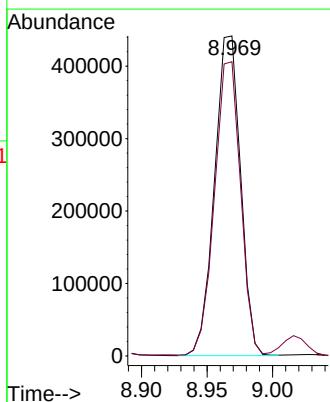
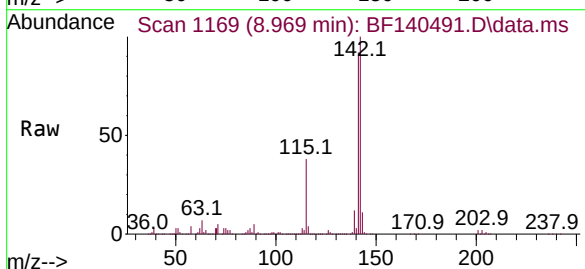
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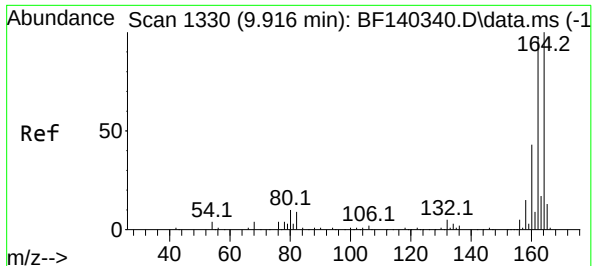
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#38
1-Methylnaphthalene
Concen: 41.319 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:142 Resp: 608630
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

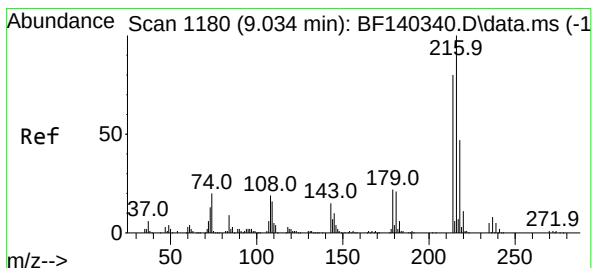
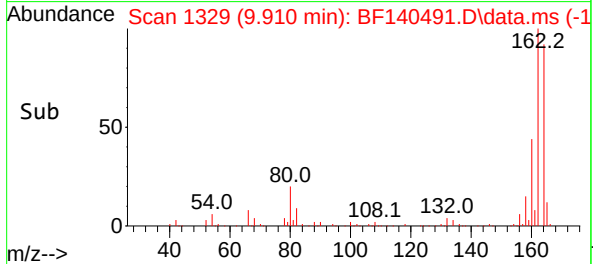
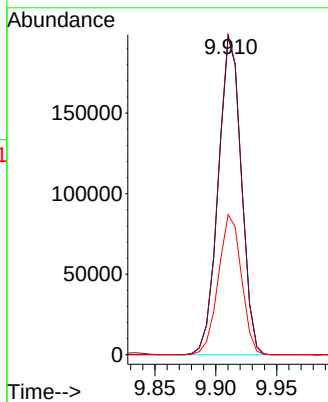
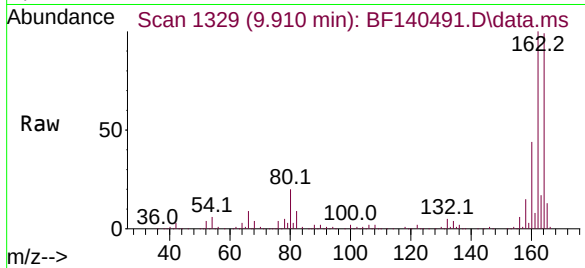
Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:164	Resp: 25940
Ion Ratio	Lower Upper
164	100
162	100.7 79.8 119.8
160	44.1 35.4 53.0

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APPROVEDReviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.365 ng

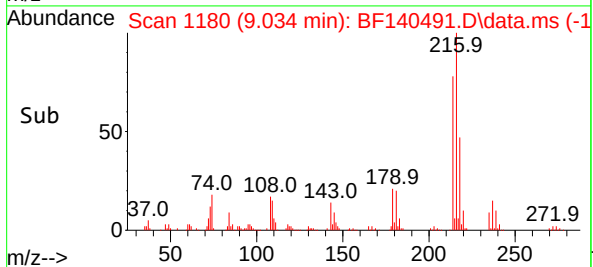
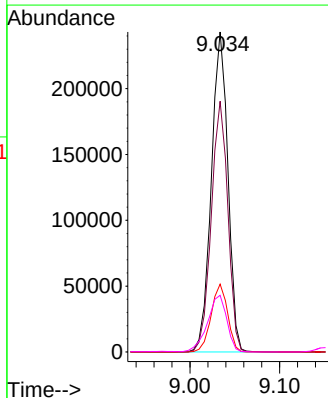
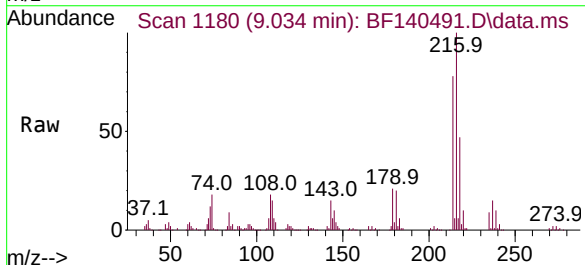
RT: 9.034 min Scan# 1180

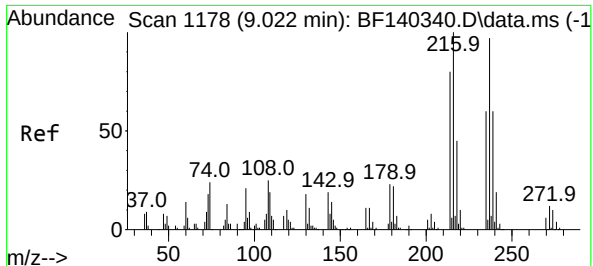
Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:216	Resp: 311076
Ion Ratio	Lower Upper
216	100
214	78.4 63.2 94.8
179	21.1 17.2 25.8
108	20.8 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 160.562 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

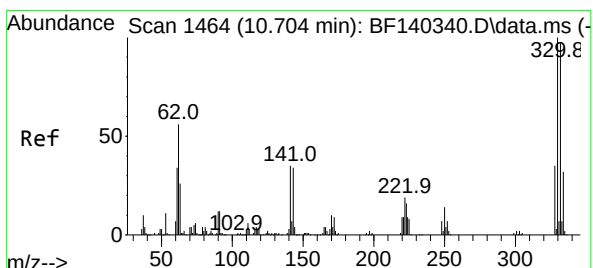
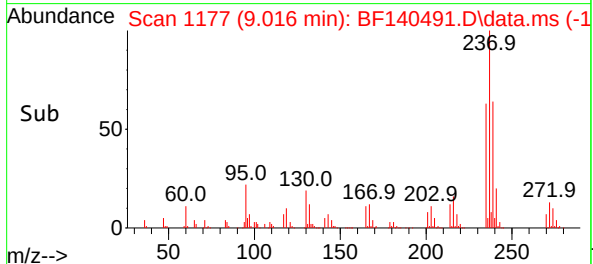
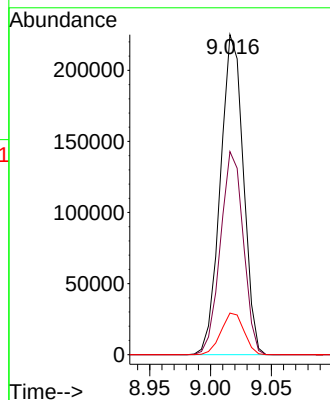
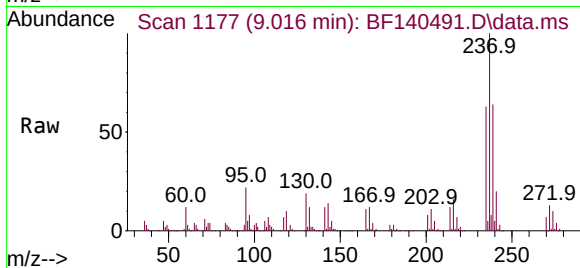
Tgt Ion:	237	Resp:	295724
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.8	82.8
272	13.0	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#42

2,4,6-Tribromophenol

Concen: 131.016 ng

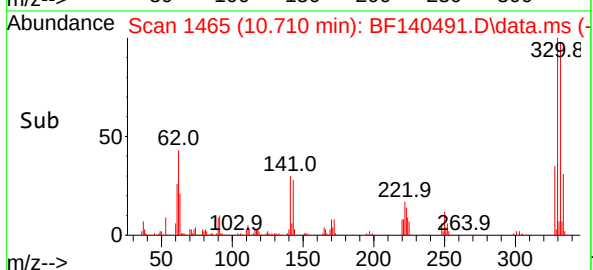
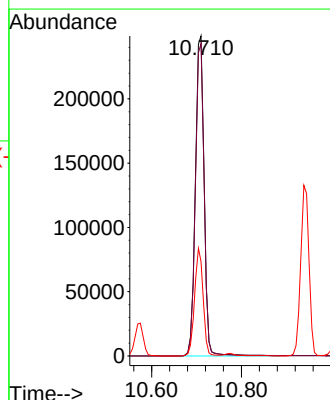
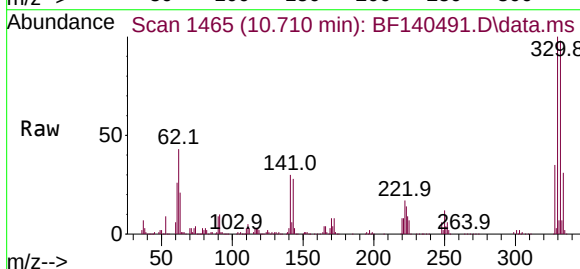
RT: 10.710 min Scan# 1465

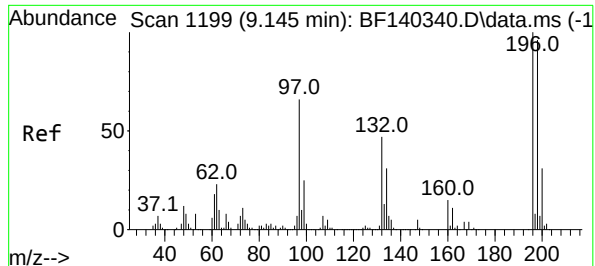
Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:	330	Resp:	337968
Ion Ratio	Lower	Upper	
330	100		
332	97.3	75.9	113.9
141	32.7	26.9	40.3





#43

2,4,6-Trichlorophenol

Concen: 44.545 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:196 Resp: 209709

Ion Ratio Lower Upper

196 100

198 95.4 77.0 115.4

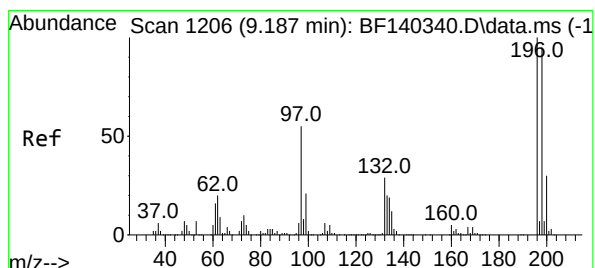
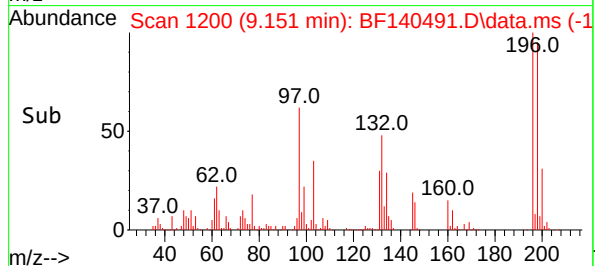
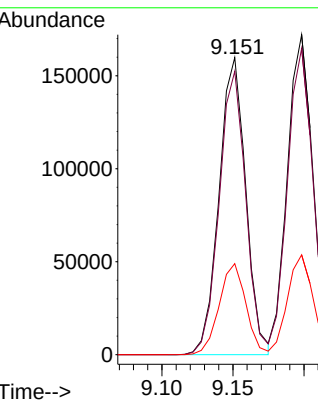
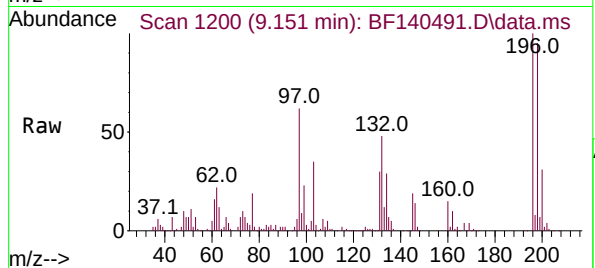
200 30.6 24.2 36.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#44

2,4,5-Trichlorophenol

Concen: 42.881 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:196 Resp: 220709

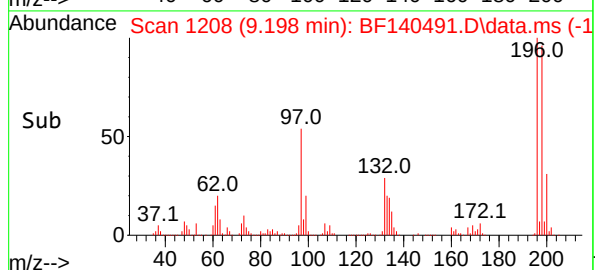
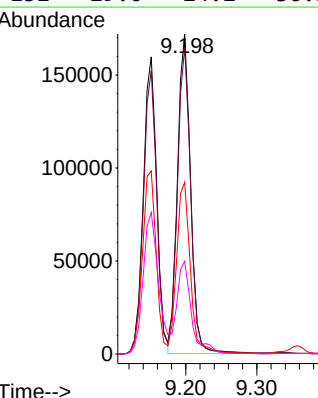
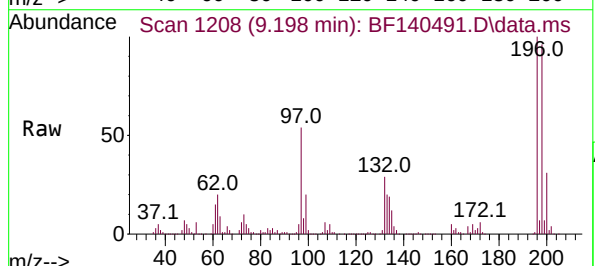
Ion Ratio Lower Upper

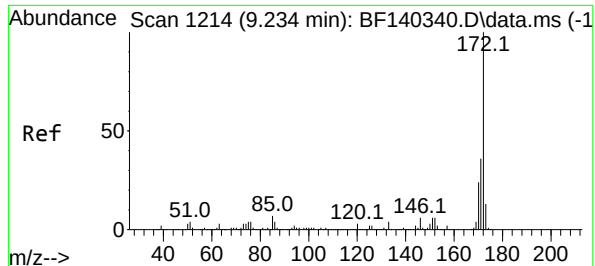
196 100

198 95.7 77.6 116.4

97 53.7 45.4 68.2

132 29.0 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 85.608 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:172 Resp: 1381434

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

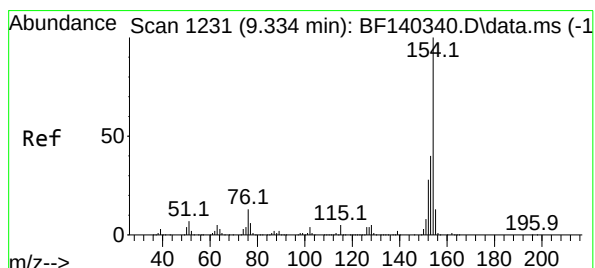
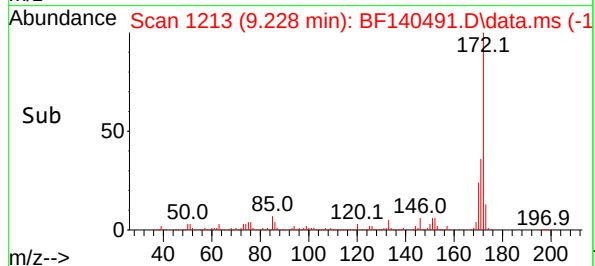
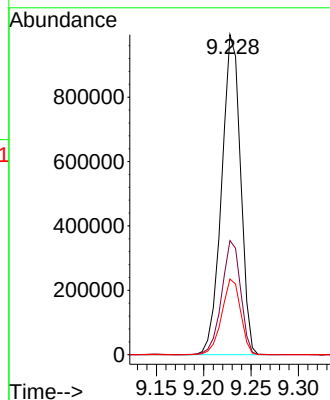
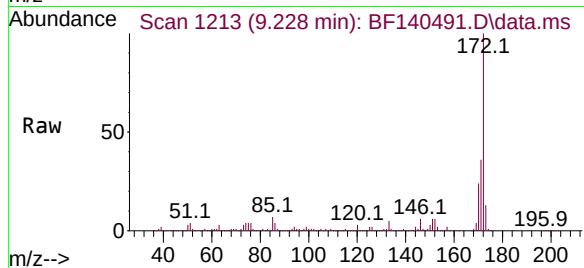
170 23.6 19.1 28.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#46

1,1'-Biphenyl

Concen: 43.333 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

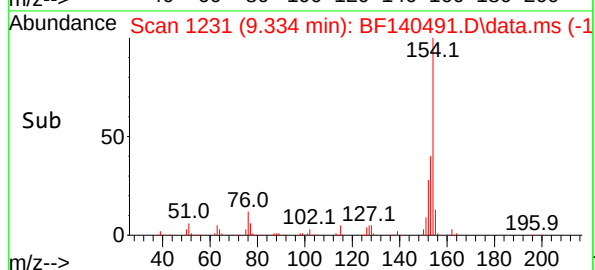
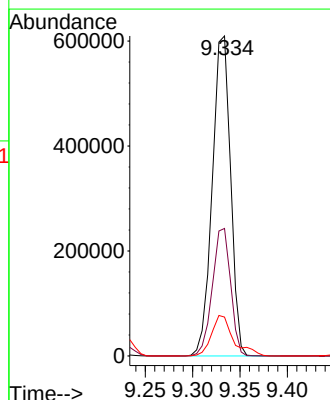
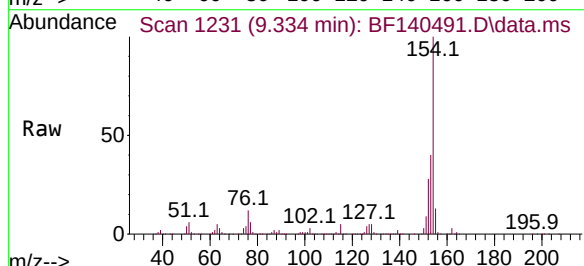
Tgt Ion:154 Resp: 817776

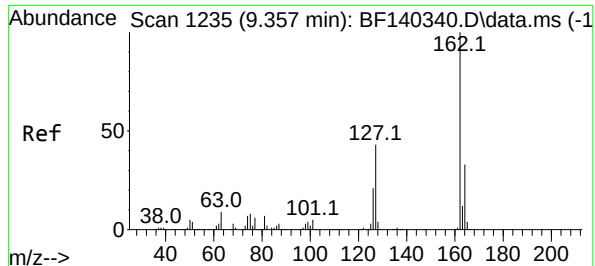
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 12.1 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.646 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:162 Resp: 61306

Ion Ratio Lower Upper

162 100

127 42.9 34.0 51.0

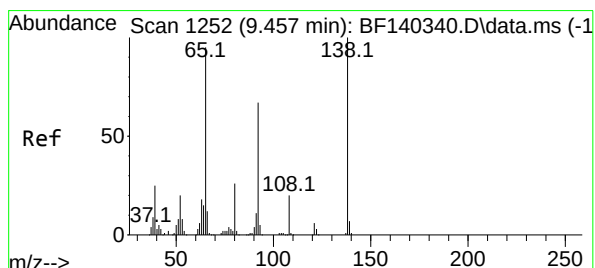
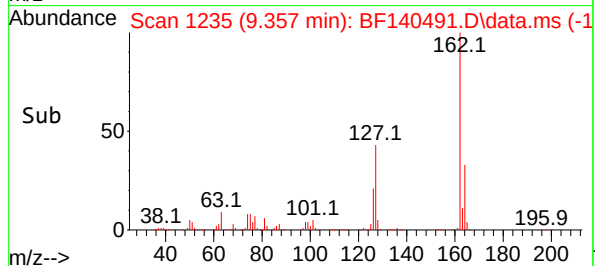
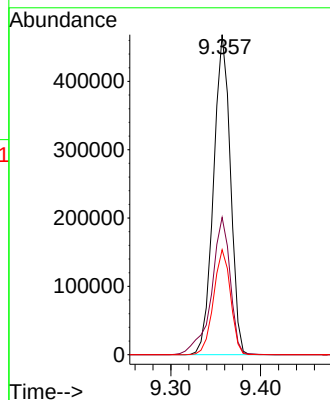
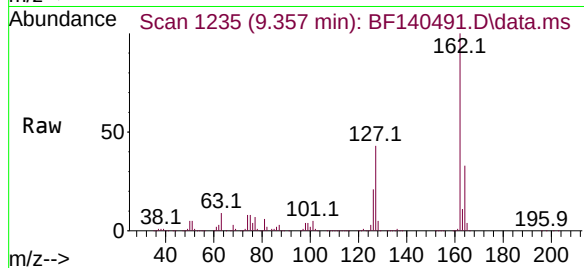
164 32.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#48

2-Nitroaniline

Concen: 44.665 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

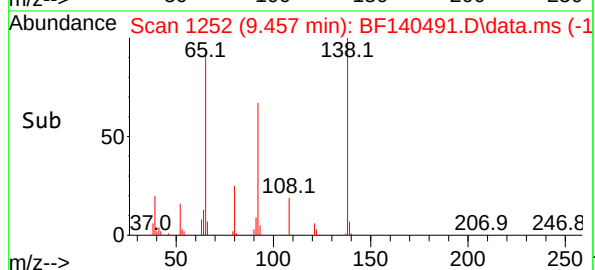
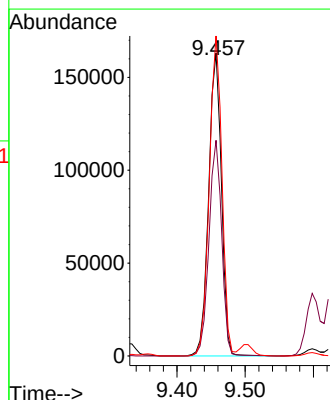
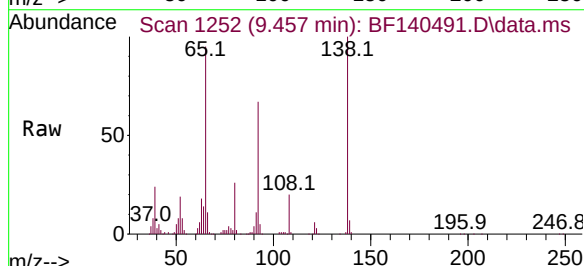
Tgt Ion: 65 Resp: 212944

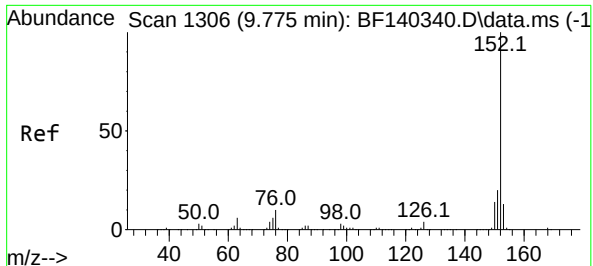
Ion Ratio Lower Upper

65 100

92 71.1 56.4 84.6

138 105.6 84.8 127.2





#49

Acenaphthylene

Concen: 46.753 ng

RT: 9.775 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:152 Resp: 101689

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

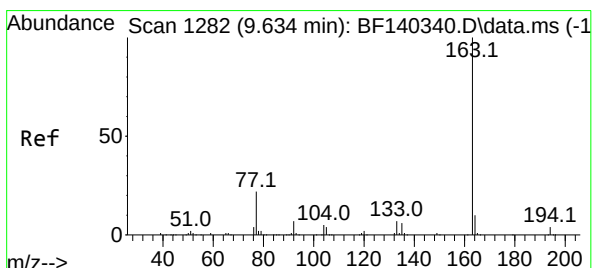
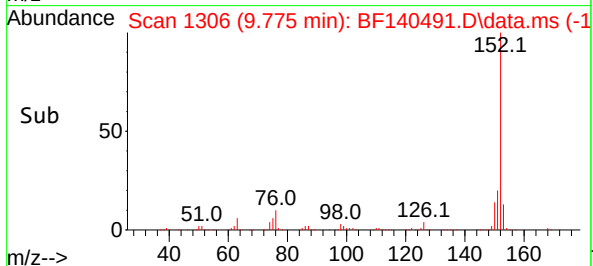
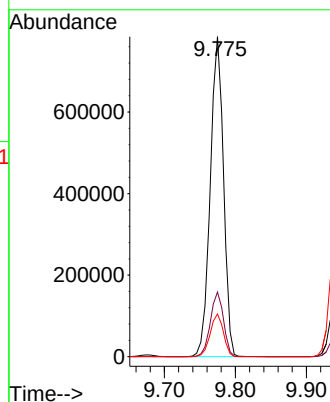
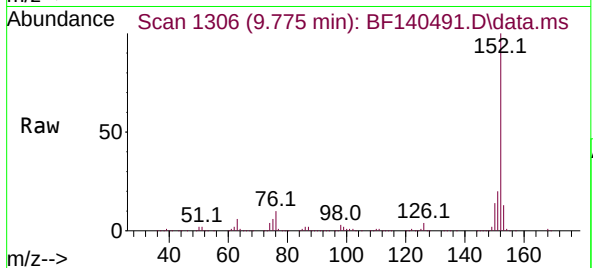
153 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#50

Dimethylphthalate

Concen: 45.066 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

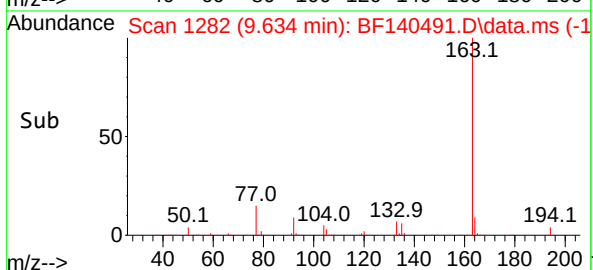
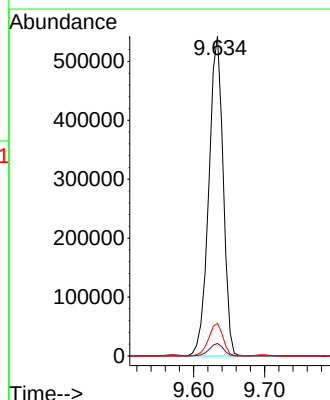
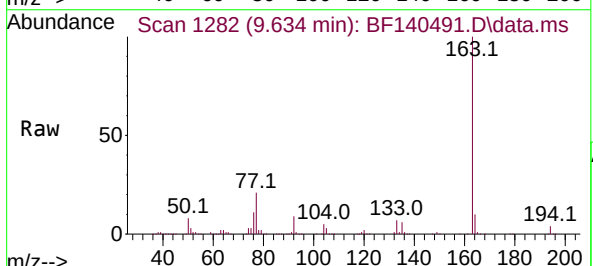
Tgt Ion:163 Resp: 761997

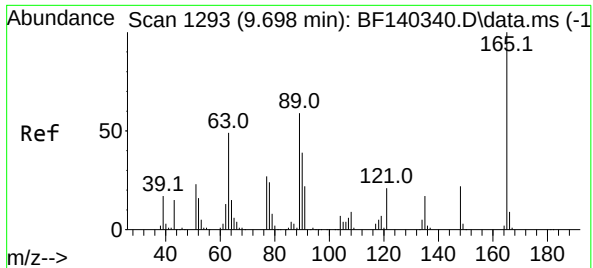
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

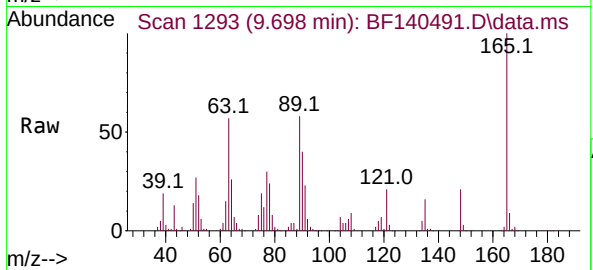
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.438 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

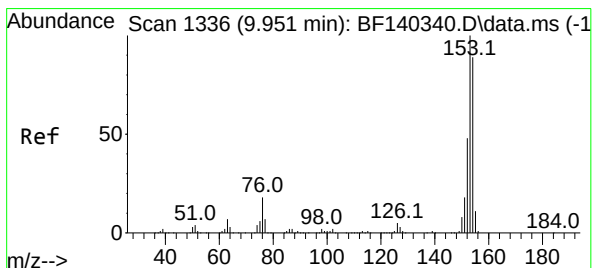
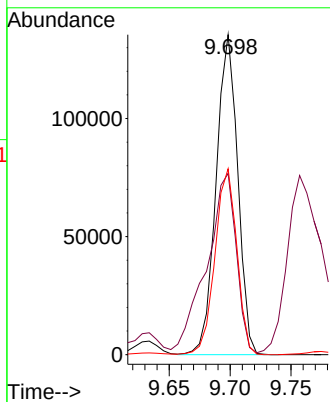
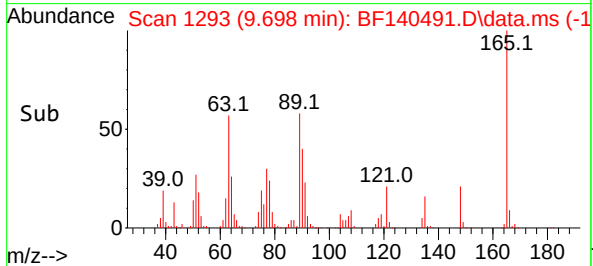
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:165 Resp: 16744
Ion Ratio Lower Upper
165 100
63 56.6 47.6 71.4
89 58.1 48.1 72.1

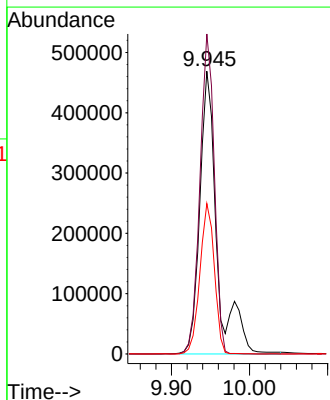
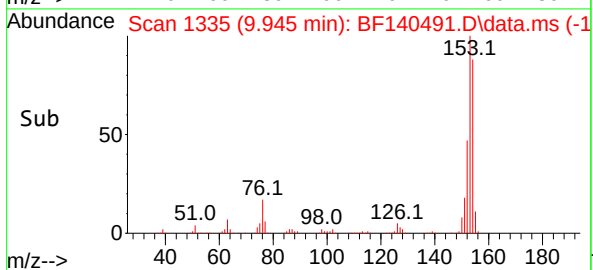
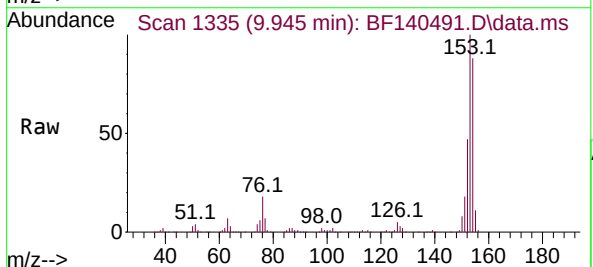
Manual Integrations
APPROVED

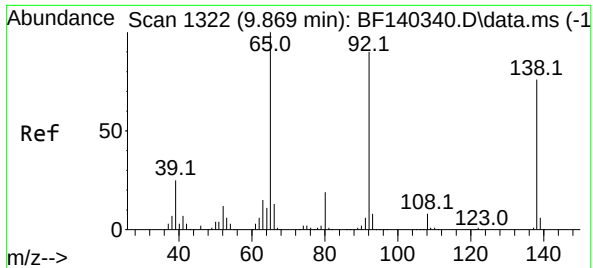
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#52
Acenaphthene
Concen: 49.090 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

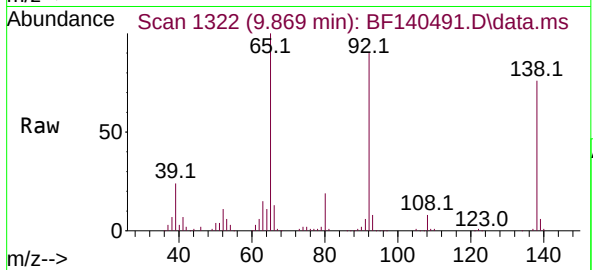
Tgt Ion:154 Resp: 721171
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.8
152 53.2 42.6 64.0





#53
3-Nitroaniline
Concen: 28.032 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

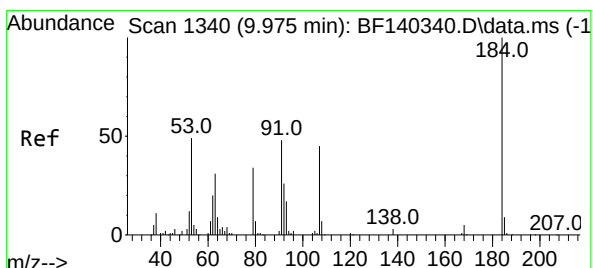
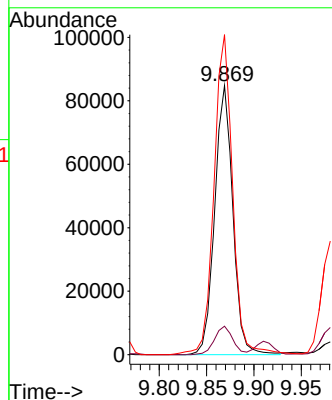
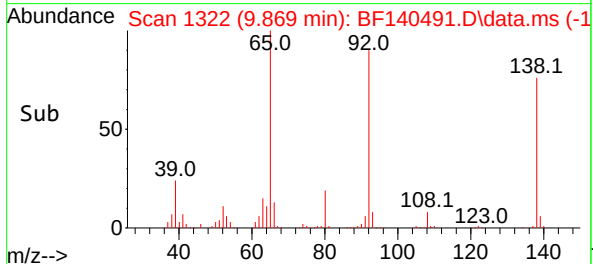
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



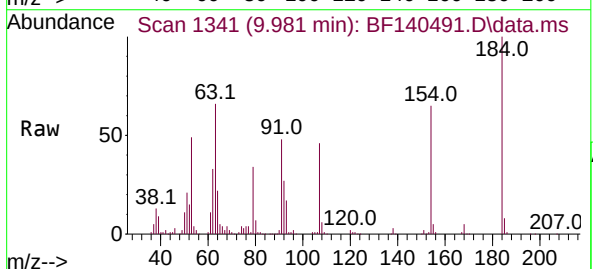
Tgt Ion:138 Resp: 113479
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 118.9 95.5 143.3

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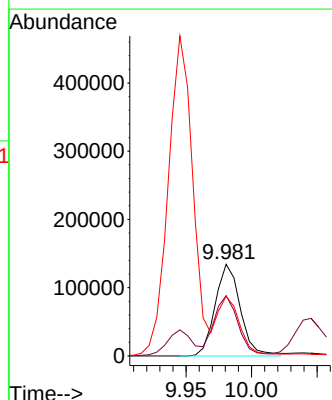
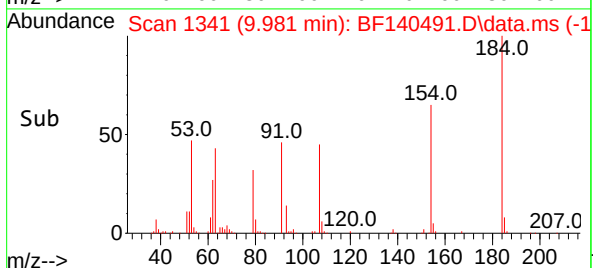
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

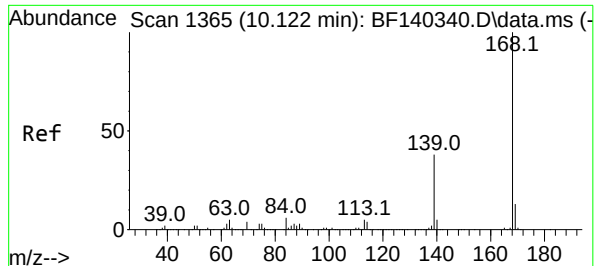


#54
2,4-Dinitrophenol
Concen: 90.272 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:184 Resp: 179443
Ion Ratio Lower Upper
184 100
63 65.8 53.5 80.3
154 65.0 51.3 76.9





#55

Dibenzofuran

Concen: 44.537 ng

RT: 10.122 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:168 Resp: 926220

Ion Ratio Lower Upper

168 100

139 38.4 30.8 46.2

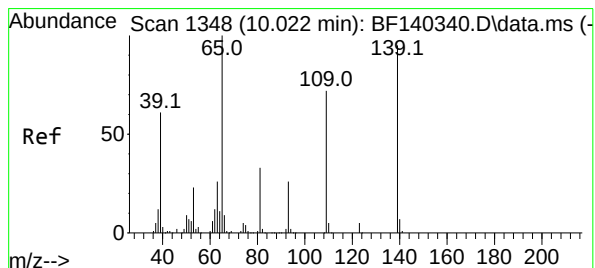
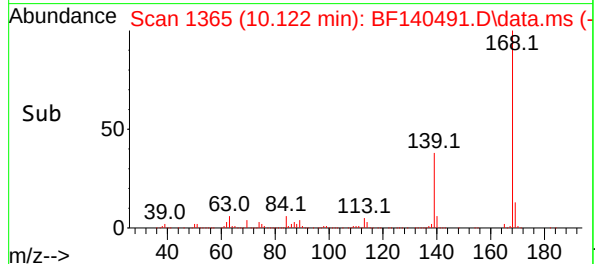
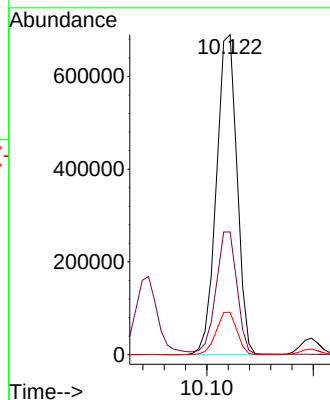
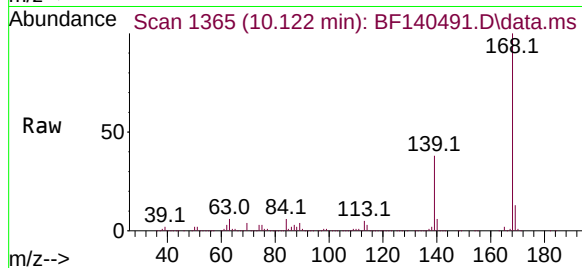
169 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#56

4-Nitrophenol

Concen: 83.401 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.024 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

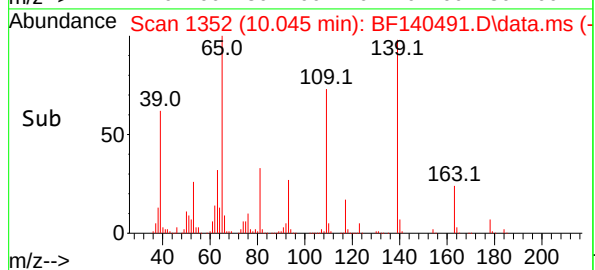
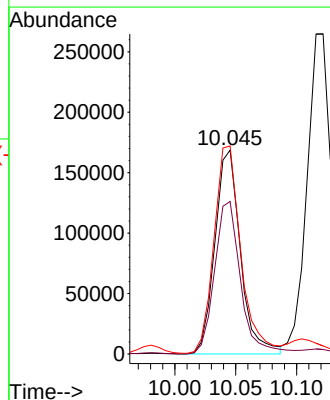
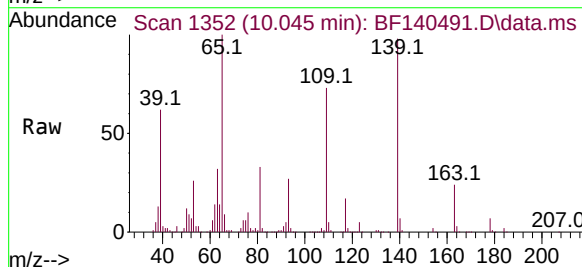
Tgt Ion:139 Resp: 246266

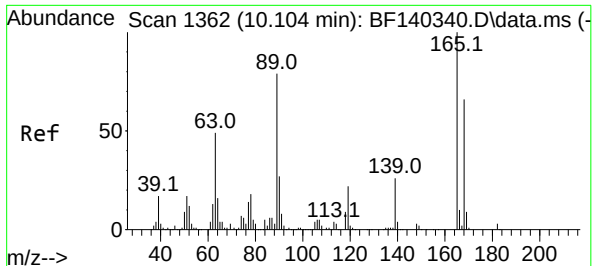
Ion Ratio Lower Upper

139 100

109 74.8 54.5 94.5

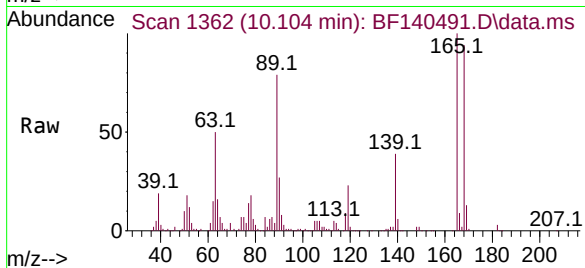
65 102.1 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 44.722 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

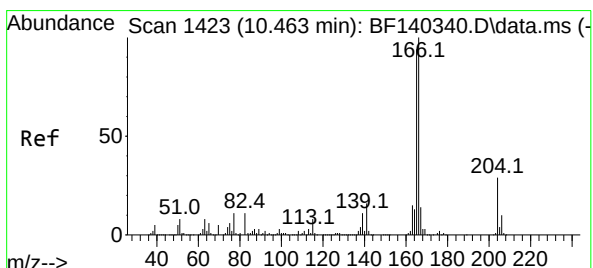
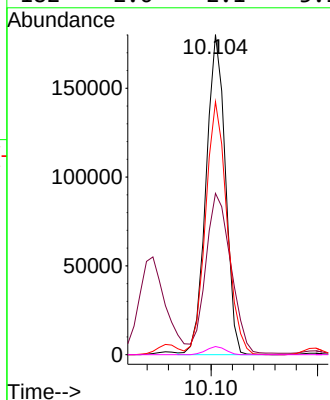
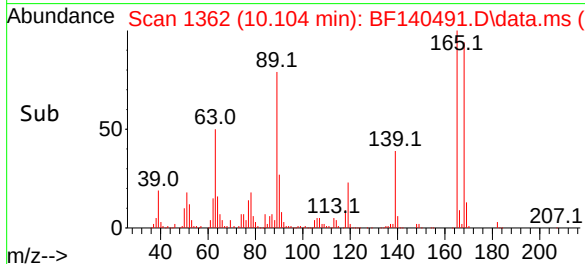
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



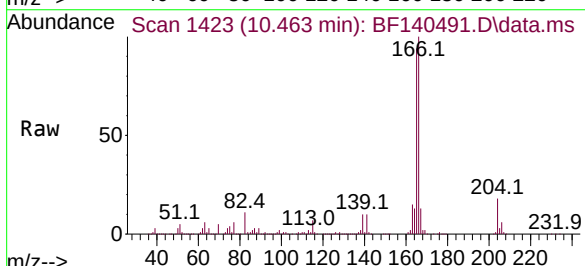
Tgt Ion:165 Resp: 226880
Ion Ratio Lower Upper
165 100
63 50.4 39.4 59.0
89 79.0 62.4 93.6
182 2.6 2.1 3.1

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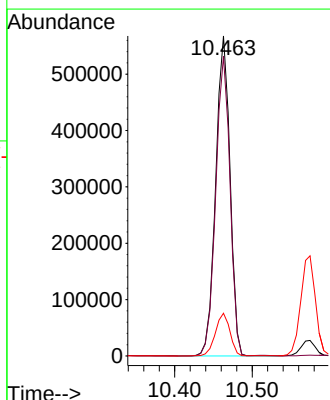
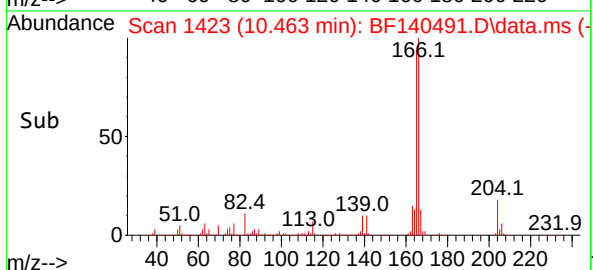
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

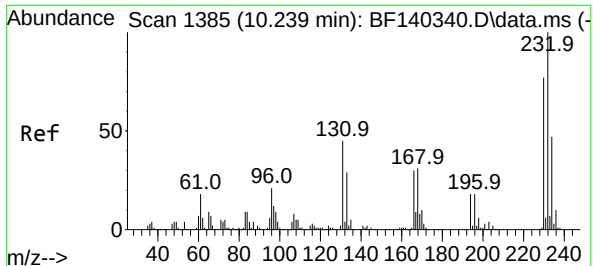


#58
Fluorene
Concen: 44.342 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



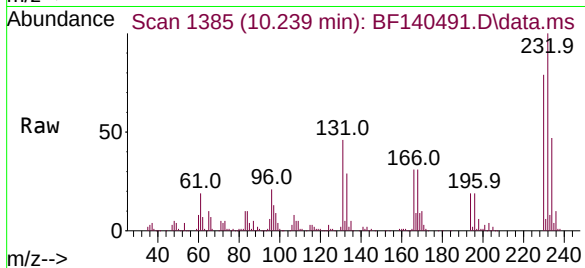
Tgt Ion:166 Resp: 728499
Ion Ratio Lower Upper
166 100
165 93.7 73.9 110.9
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.235 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

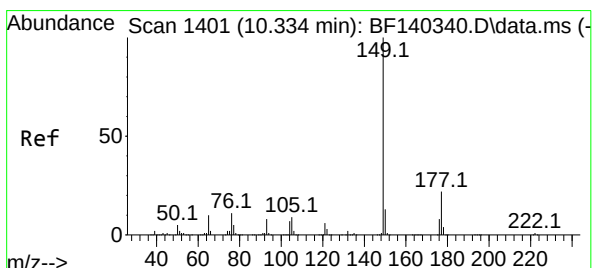
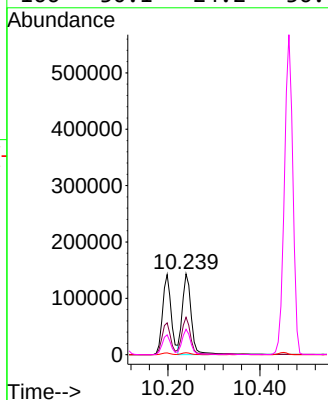
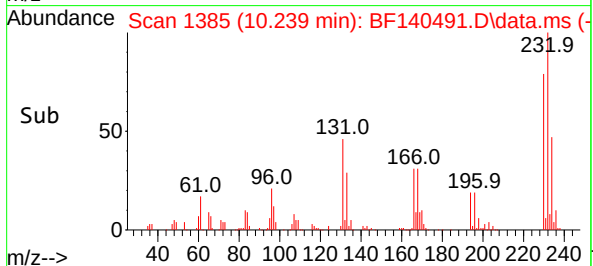
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



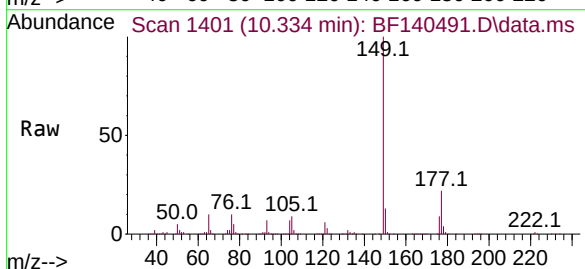
Tgt Ion:232 Resp: 191962
Ion Ratio Lower Upper
232 100
131 45.8 36.8 55.2
130 2.2 1.9 2.9
166 30.1 24.2 36.4

Manual Integrations
APPROVED

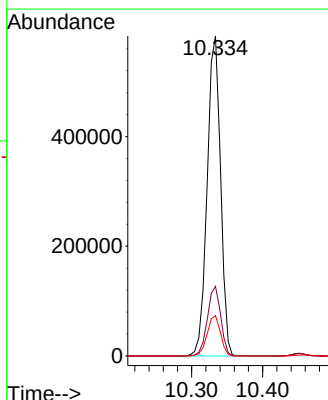
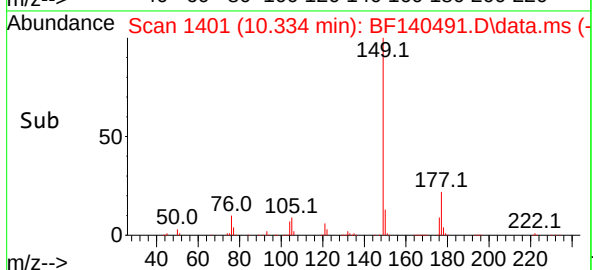
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

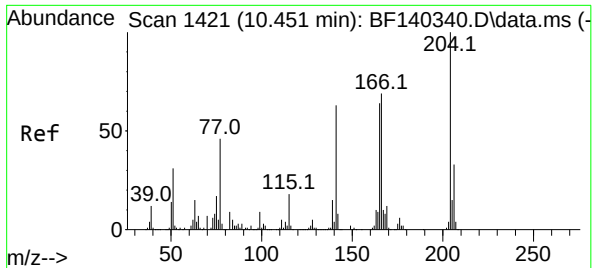


#60
Diethylphthalate
Concen: 44.186 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



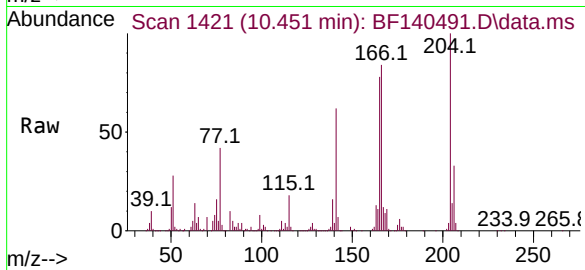
Tgt Ion:149 Resp: 763965
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.021 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

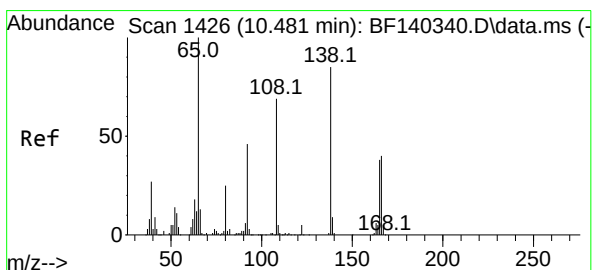
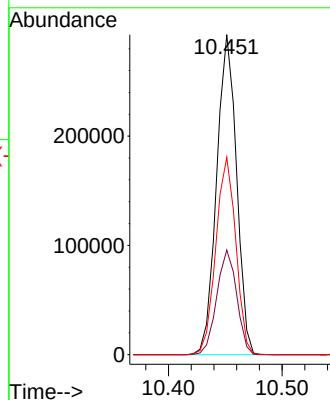
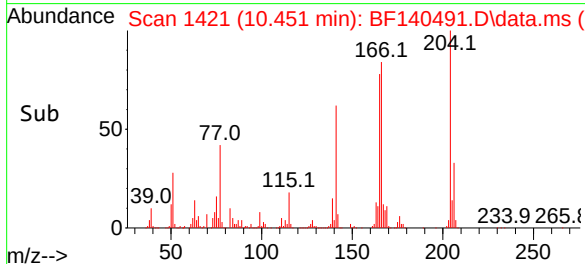
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



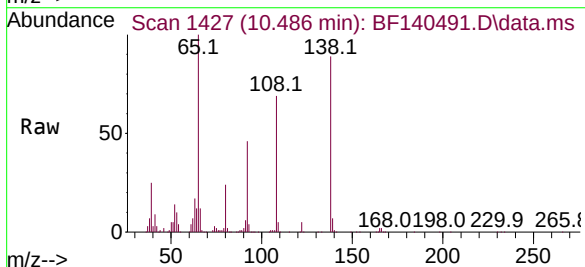
Tgt Ion:204 Resp: 357040
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 61.7 49.8 74.8

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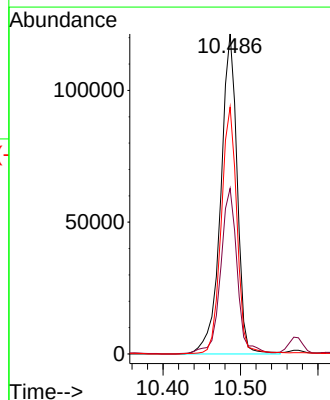
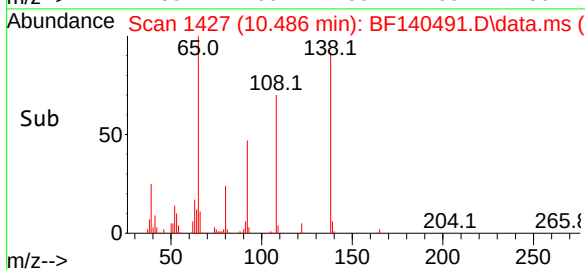
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

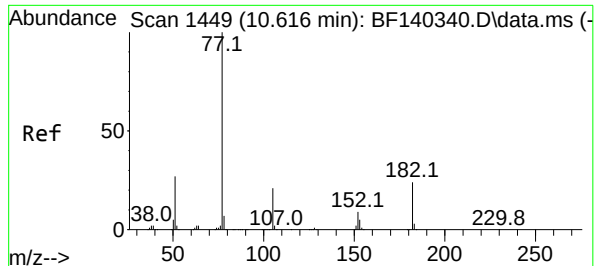


#62
4-Nitroaniline
Concen: 43.209 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



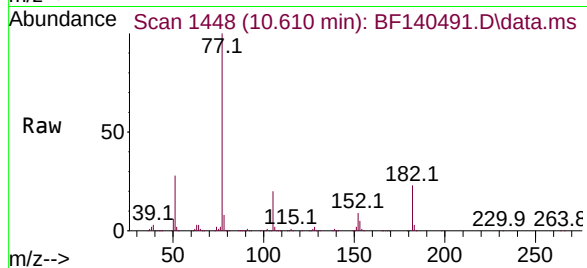
Tgt Ion:138 Resp: 178849
Ion Ratio Lower Upper
138 100
92 51.7 33.8 73.8
108 77.2 59.9 99.9





#63
Azobenzene
Concen: 44.178 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

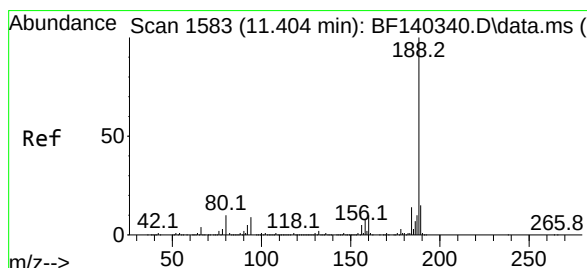
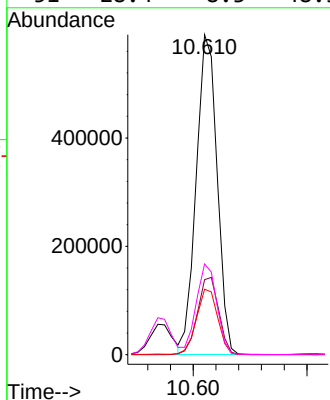
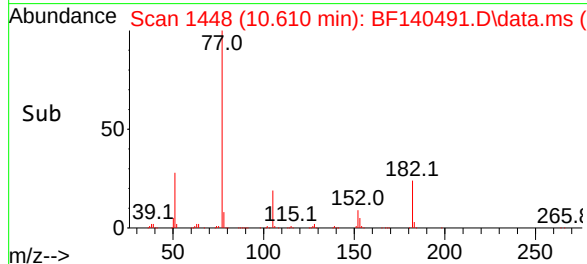
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



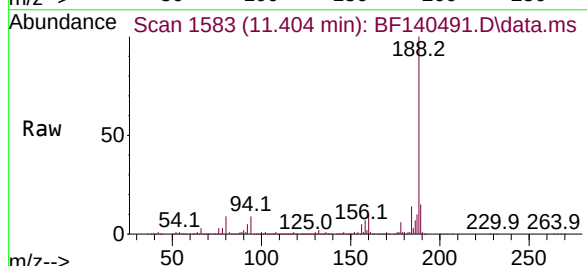
Tgt Ion: 77 Resp: 75470
Ion Ratio Lower Upper
77 100
182 23.5 4.6 44.6
105 20.5 0.9 40.9
51 28.4 8.3 48.3

Manual Integrations
APPROVED

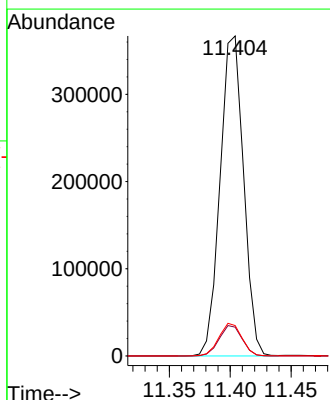
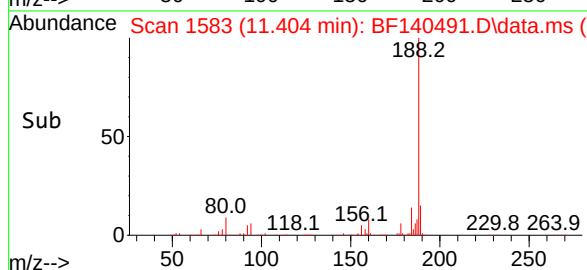
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

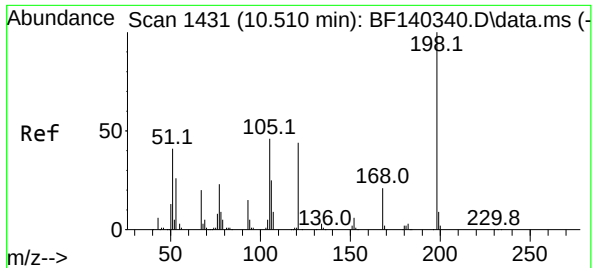


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:188 Resp: 492347
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.5 8.0 12.0





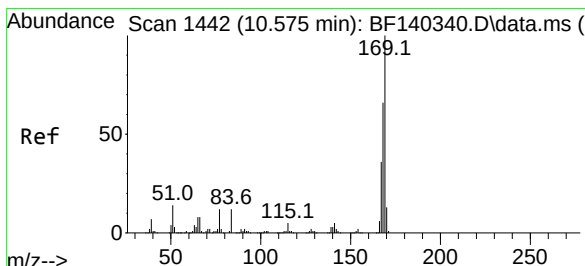
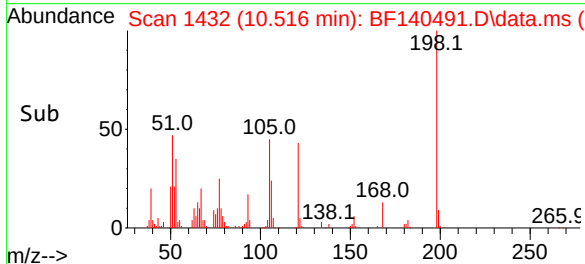
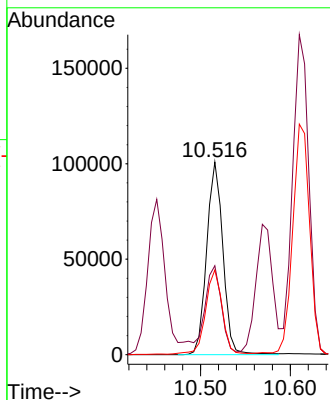
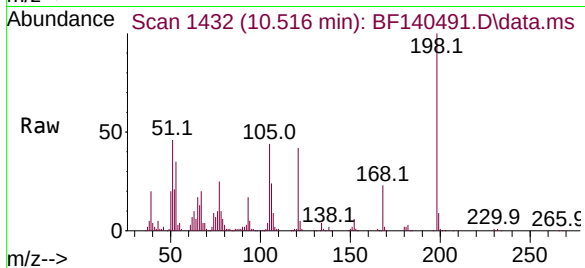
#65
4,6-Dinitro-2-methylphenol
Concen: 47.933 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:198 Resp: 12697
Ion Ratio Lower Upper
198 100
51 46.2 29.7 69.7
105 43.9 26.3 66.3

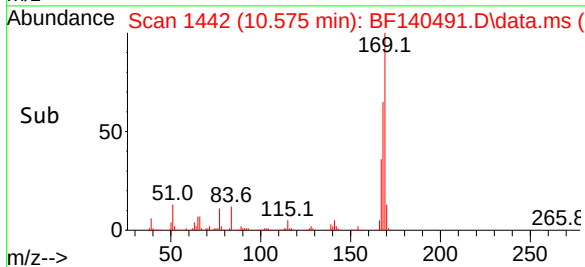
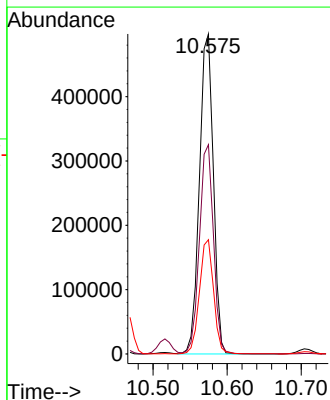
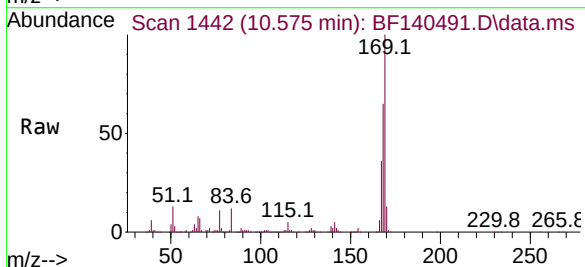
Manual Integrations
APPROVED

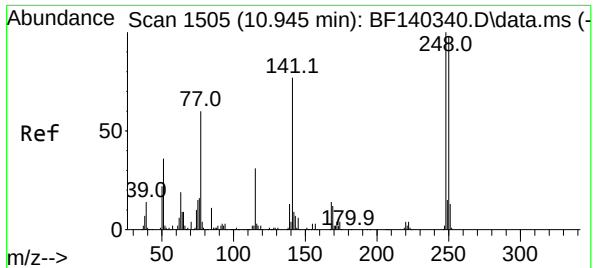
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#66
n-Nitrosodiphenylamine
Concen: 45.641 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

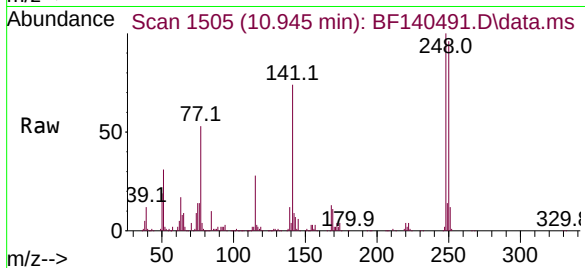
Tgt Ion:169 Resp: 649271
Ion Ratio Lower Upper
169 100
168 65.4 52.7 79.1
167 35.7 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 44.587 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

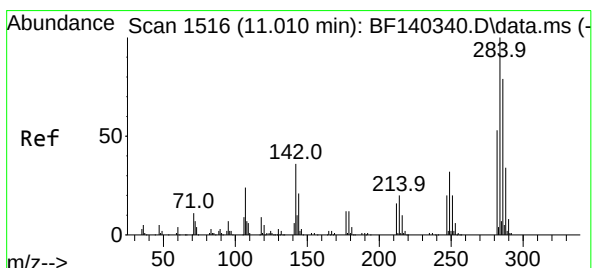
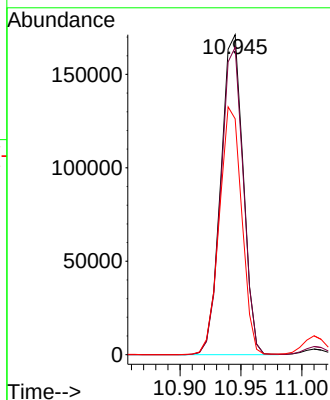
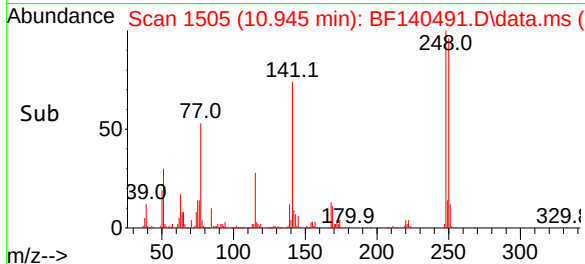
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



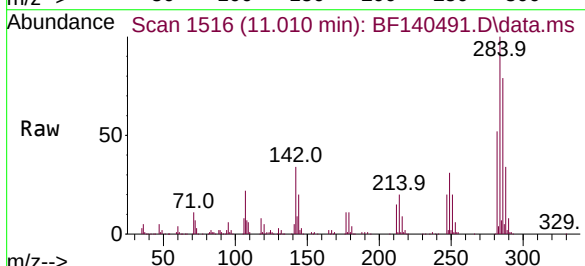
Tgt Ion:248 Resp: 21943
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 73.7 61.8 92.6

Manual Integrations
APPROVED

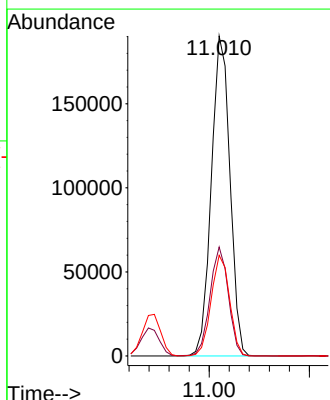
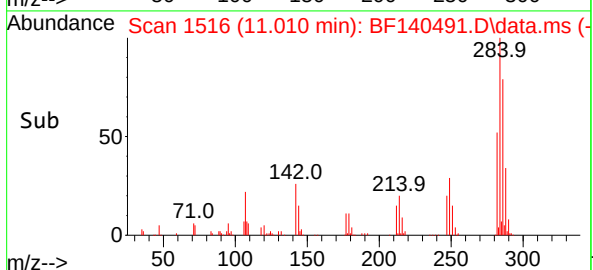
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

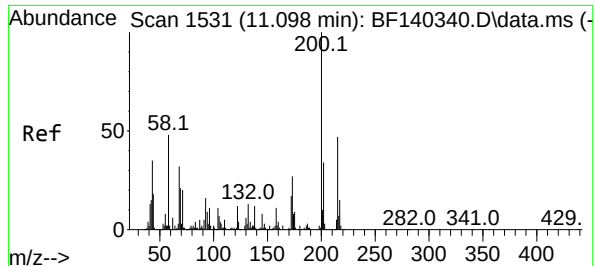


#68
Hexachlorobenzene
Concen: 44.224 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:284 Resp: 244889
Ion Ratio Lower Upper
284 100
142 34.1 28.1 42.1
249 31.5 24.9 37.3





#69

Atrazine

Concen: 49.997 ng

RT: 11.098 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

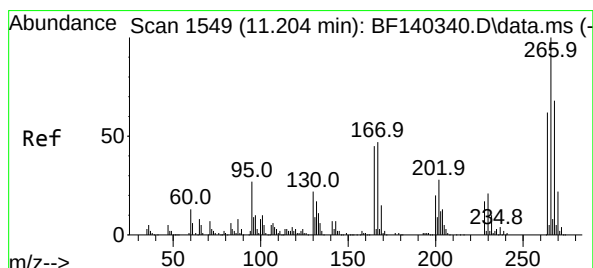
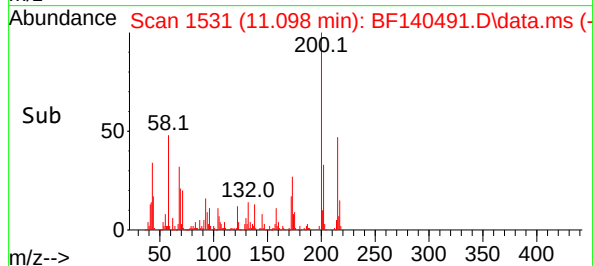
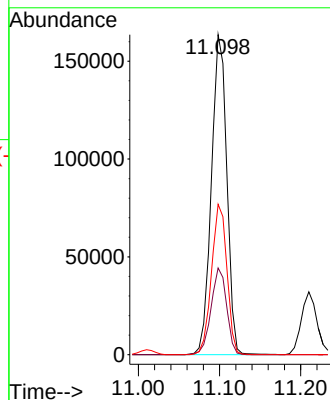
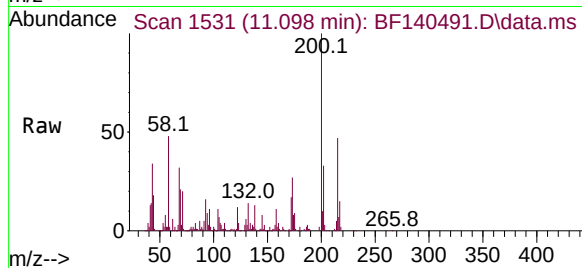
Tgt Ion:200 Resp: 21518

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	47.0	27.2	67.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#70

Pentachlorophenol

Concen: 84.474 ng

RT: 11.210 min Scan# 1550

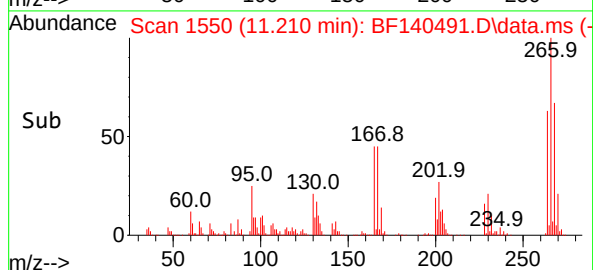
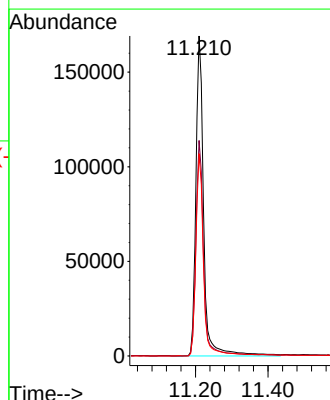
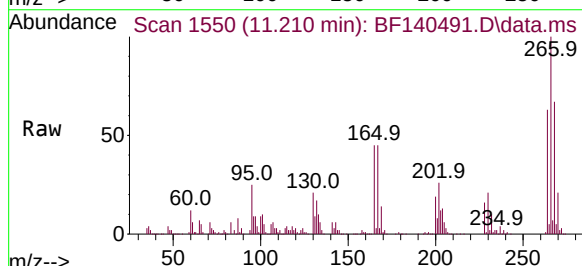
Delta R.T. 0.006 min

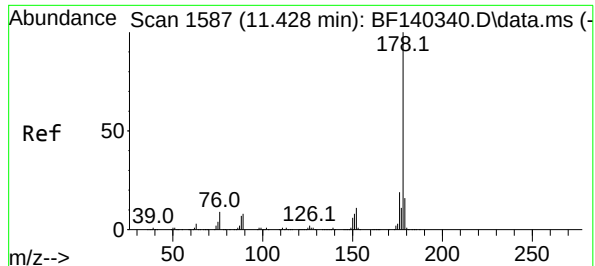
Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Tgt Ion:266 Resp: 251973

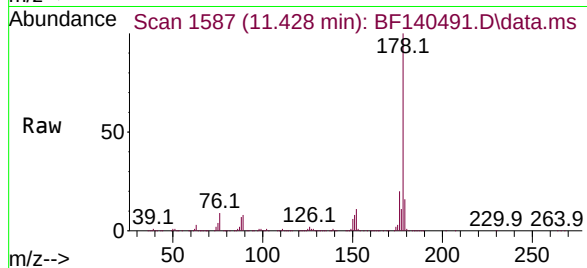
Ion	Ratio	Lower	Upper
266	100		
268	67.4	52.9	79.3
264	63.2	50.3	75.5





#71
Phenanthrene
Concen: 45.005 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

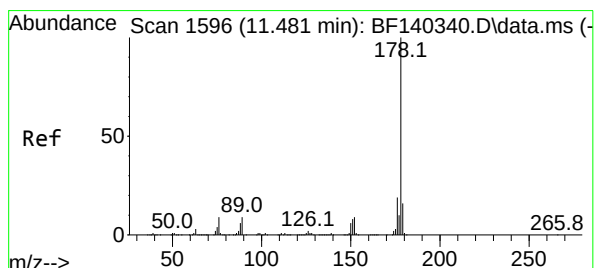
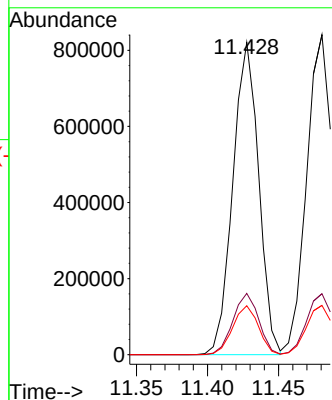
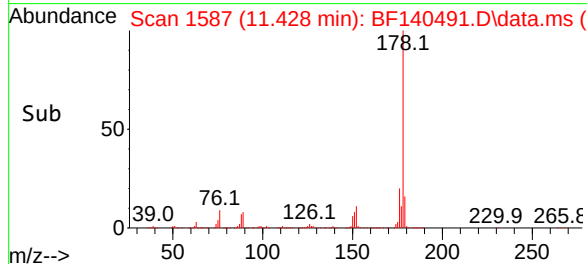
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



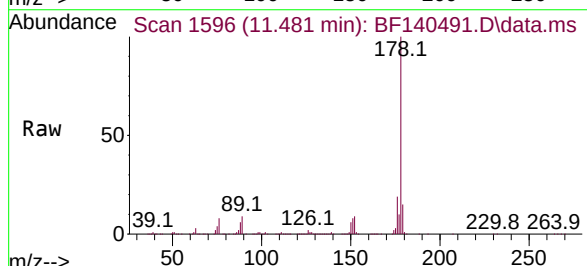
Tgt Ion:178 Resp: 1040890
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.4 18.6

Manual Integrations
APPROVED

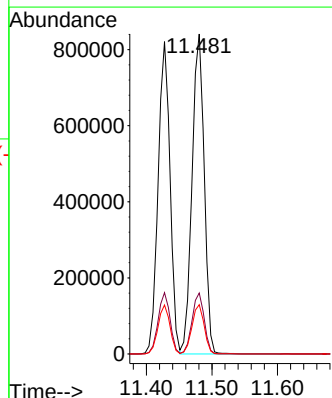
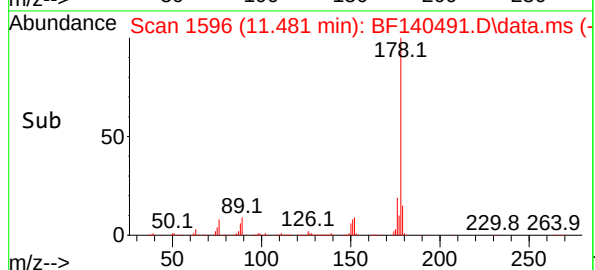
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

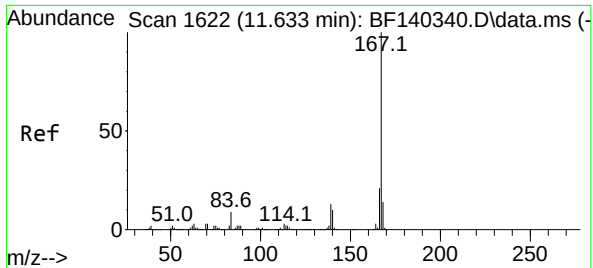


#72
Anthracene
Concen: 47.601 ng
RT: 11.481 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



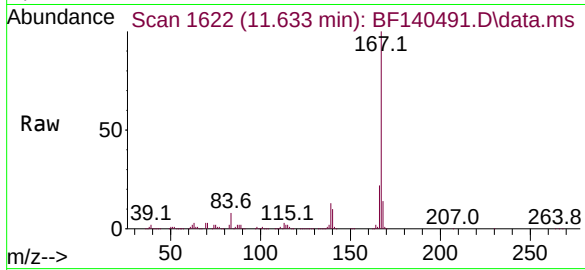
Tgt Ion:178 Resp: 1078980
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.6 18.8





#73
Carbazole
Concen: 44.369 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

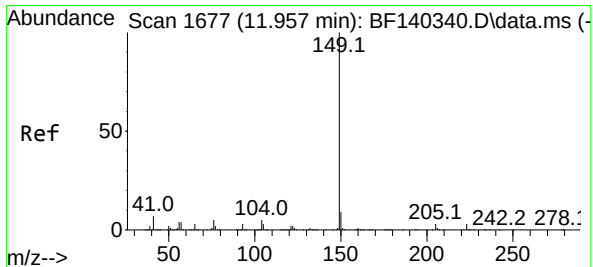
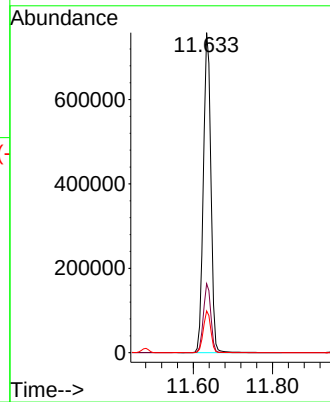
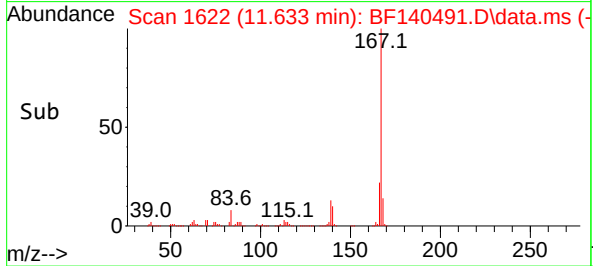
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



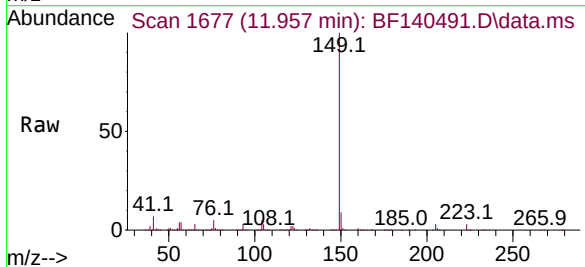
Tgt Ion:167 Resp: 99304
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.1 10.4 15.6

Manual Integrations
APPROVED

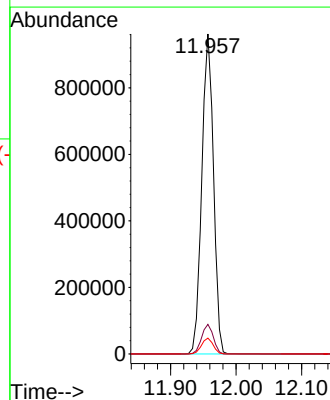
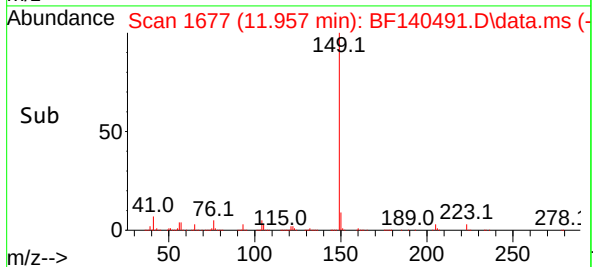
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

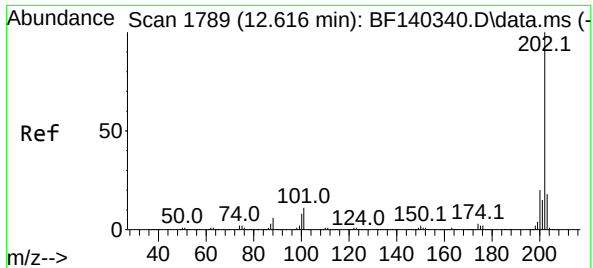


#74
Di-n-butylphthalate
Concen: 44.389 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



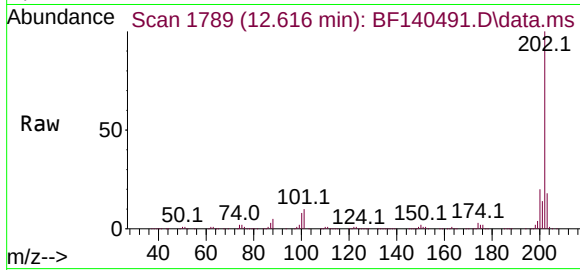
Tgt Ion:149 Resp: 1192406
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 44.367 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

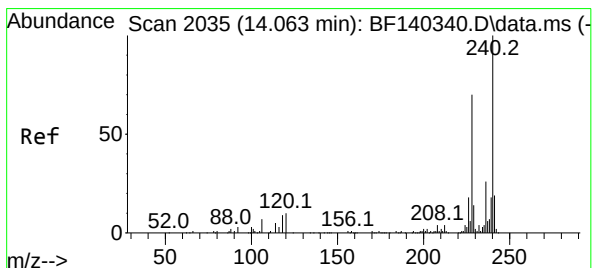
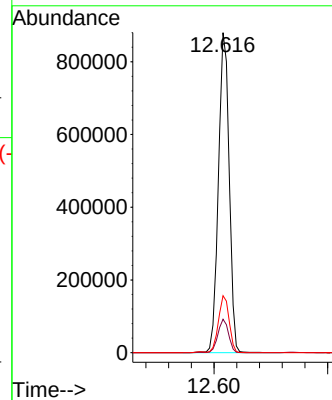
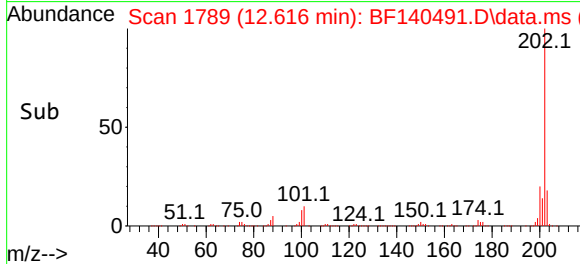
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



Tgt Ion:202 Resp: 115122
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.8 0.0 37.7

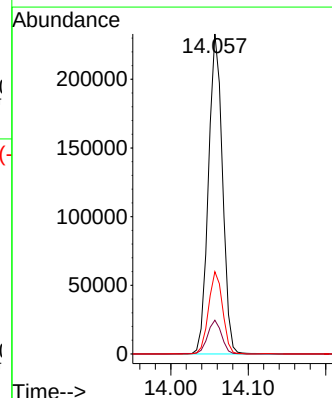
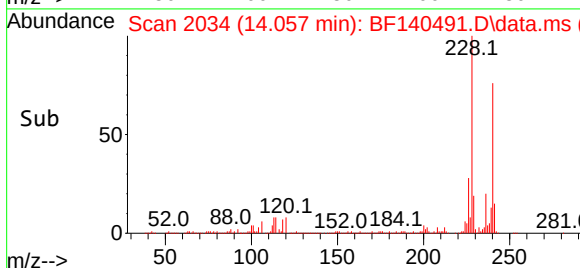
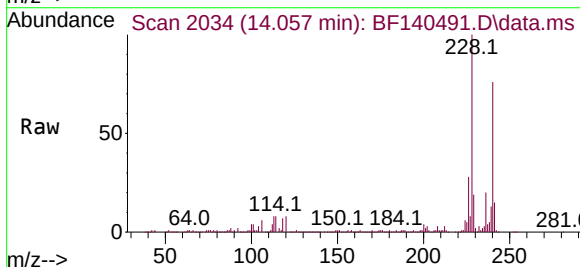
Manual Integrations
APPROVED

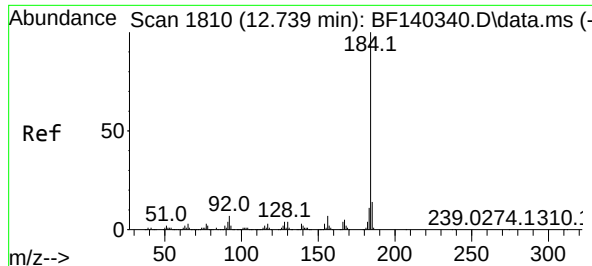
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

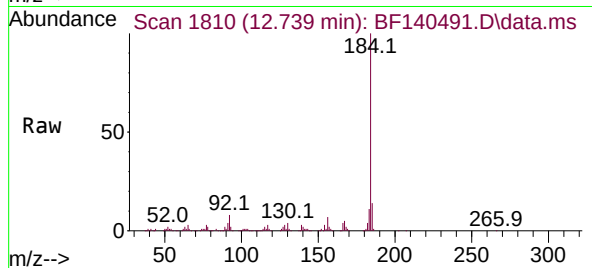
Tgt Ion:240 Resp: 292939
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.7 20.9 31.3





#77
Benzidine
Concen: 25.267 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

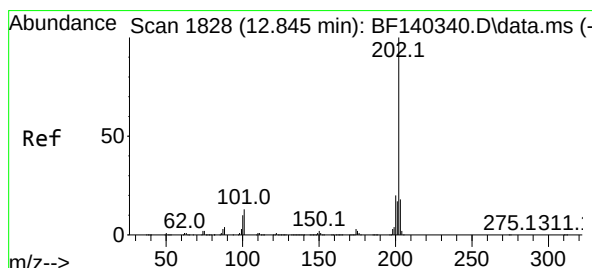
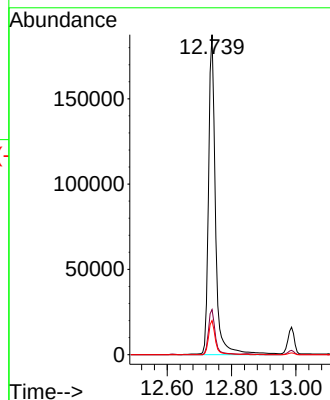
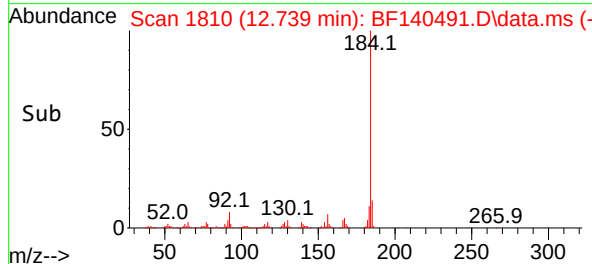
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



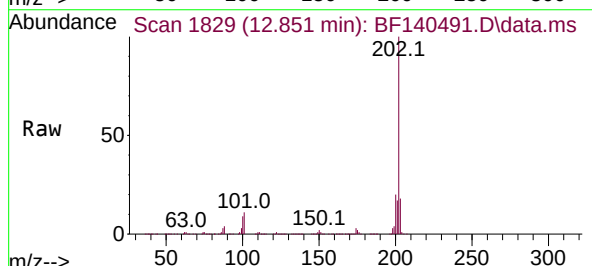
Tgt Ion:184 Resp: 284080
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 10.7 8.6 13.0

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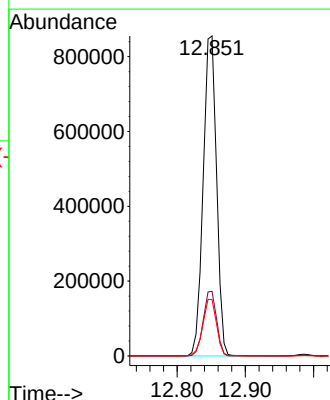
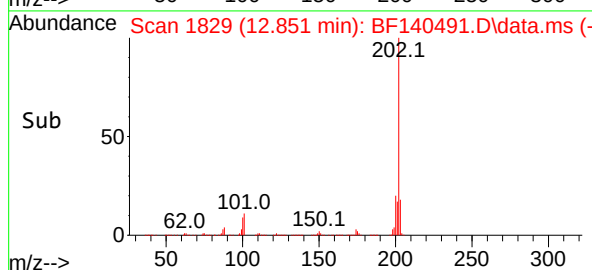
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

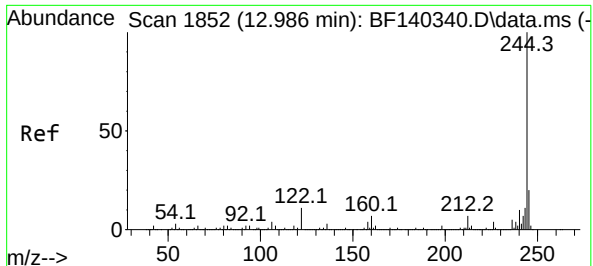


#78
Pyrene
Concen: 46.565 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:202 Resp: 1166778
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 93.294 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:244 Resp: 157447

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

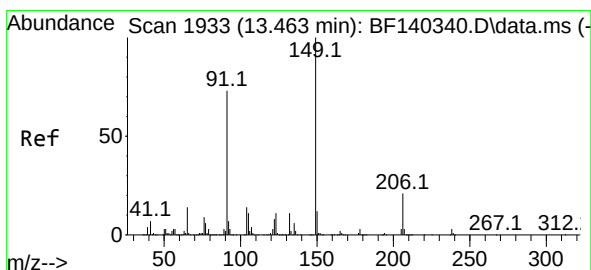
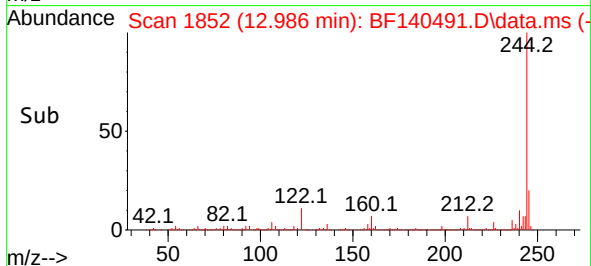
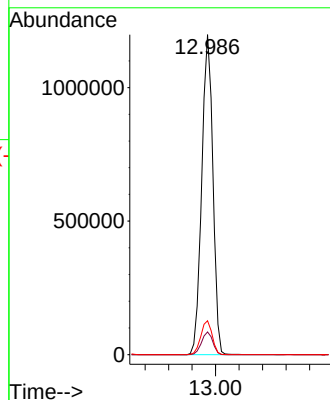
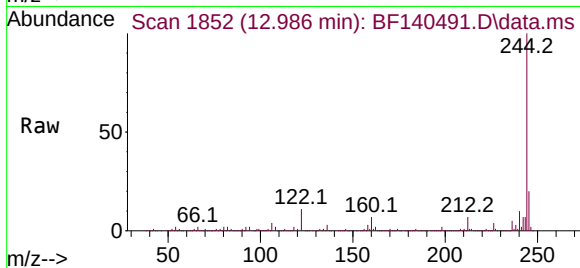
122 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#80

Butylbenzylphthalate

Concen: 47.871 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

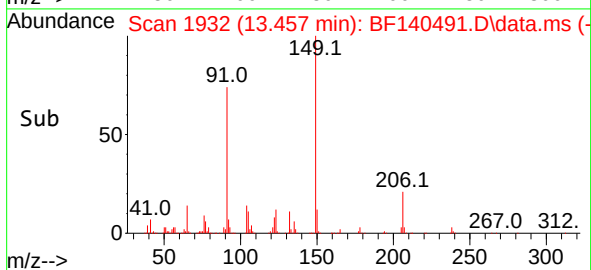
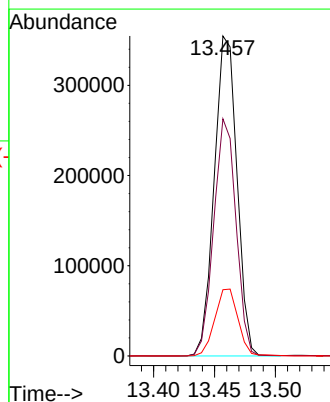
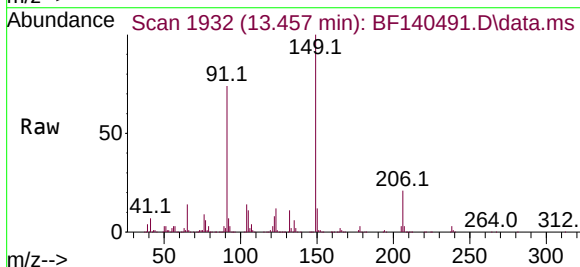
Tgt Ion:149 Resp: 460791

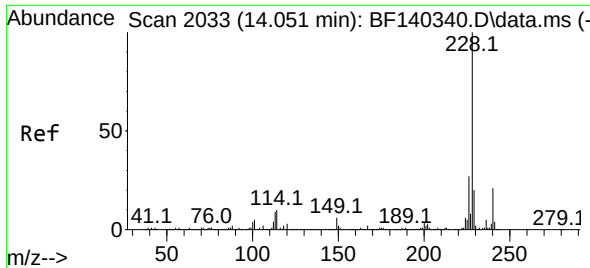
Ion Ratio Lower Upper

149 100

91 74.1 61.0 91.4

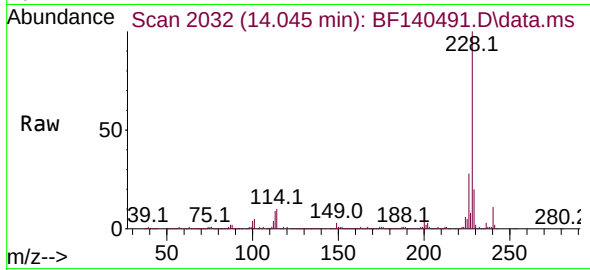
206 20.7 16.1 24.1





#81
Benzo(a)anthracene
Concen: 44.801 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

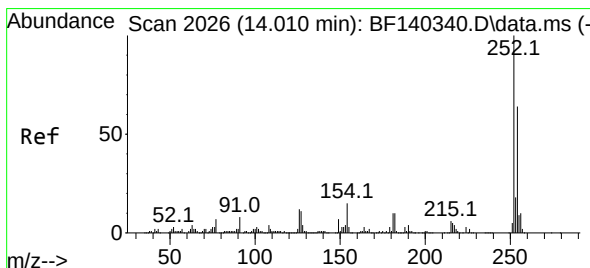
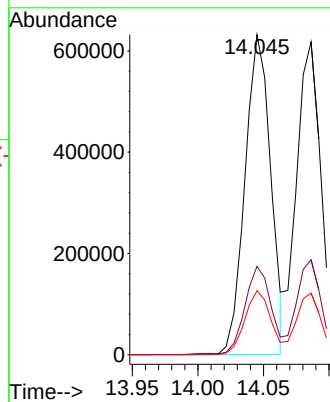
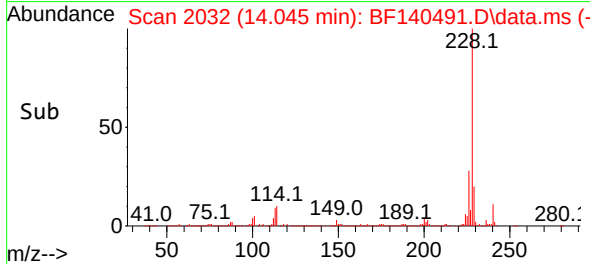
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



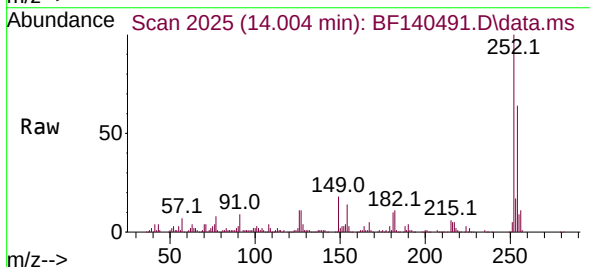
Tgt Ion:228 Resp: 862530
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.0 15.8 23.6

Manual Integrations
APPROVED

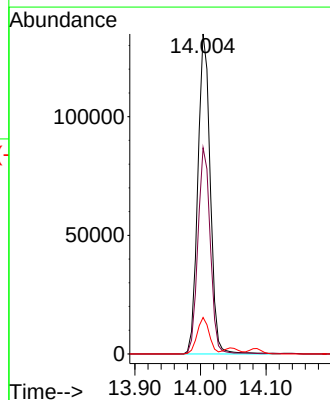
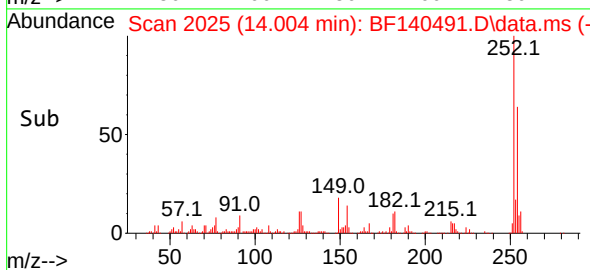
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

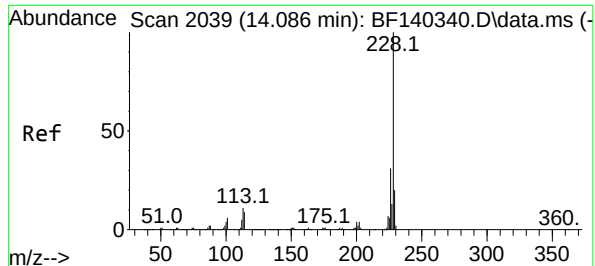


#82
3,3'-Dichlorobenzidine
Concen: 29.046 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:252 Resp: 177745
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 11.4 9.4 14.0





#83

Chrysene

Concen: 45.508 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:228 Resp: 79941

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

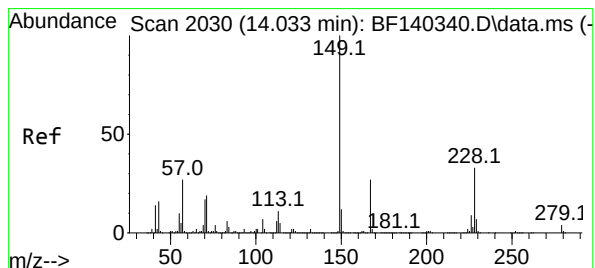
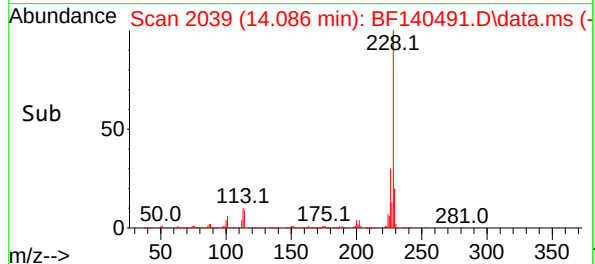
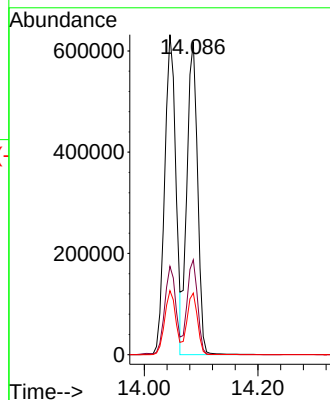
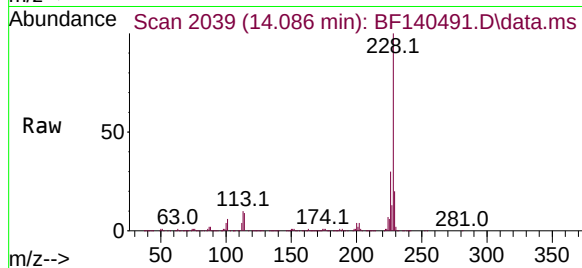
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.223 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

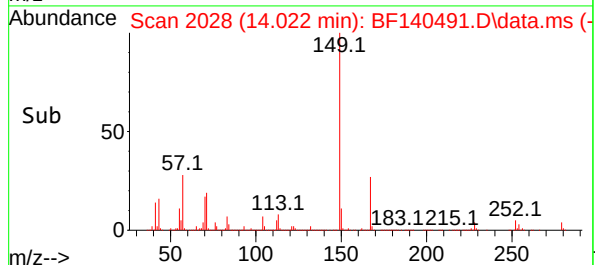
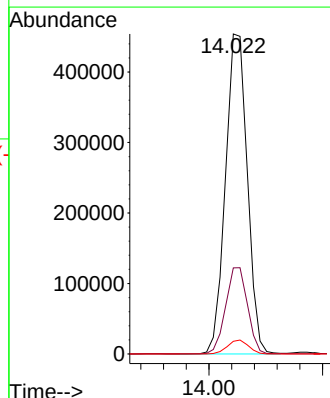
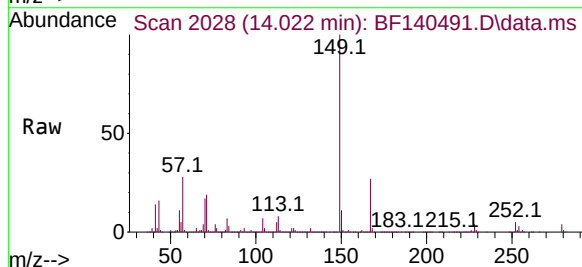
Tgt Ion:149 Resp: 606727

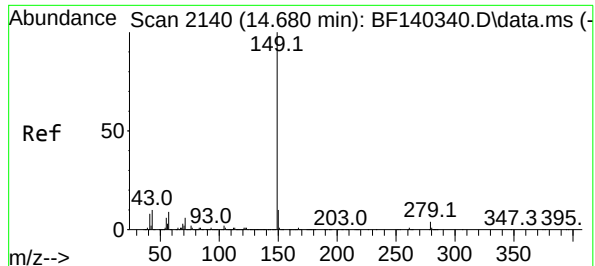
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

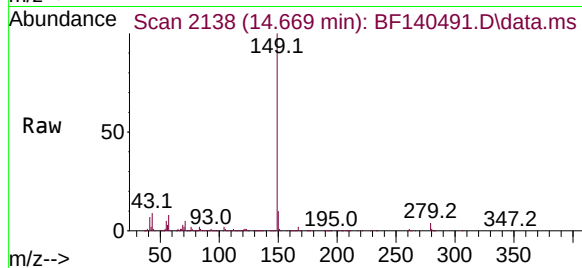
279 3.9 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 45.064 ng
RT: 14.669 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

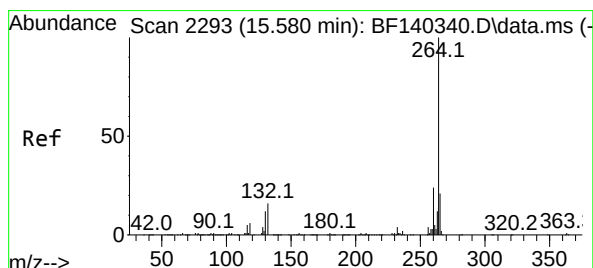
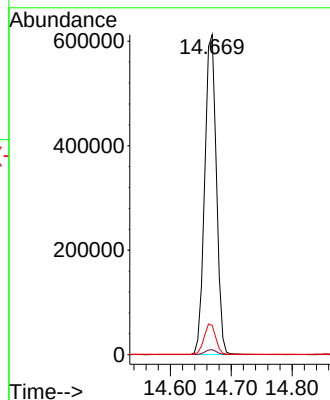
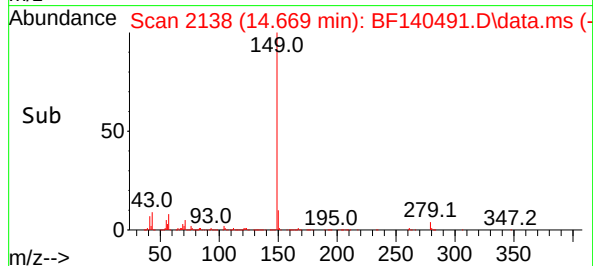
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



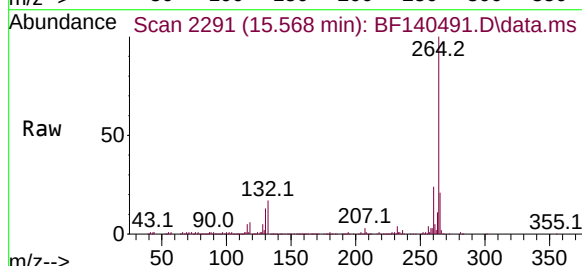
Tgt Ion:149 Resp: 815449
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.4 8.0 12.0

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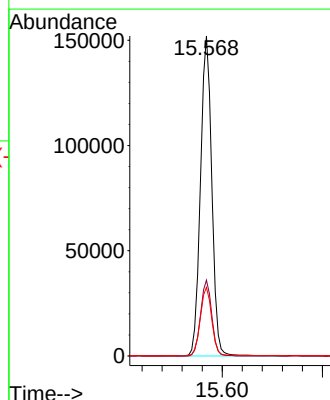
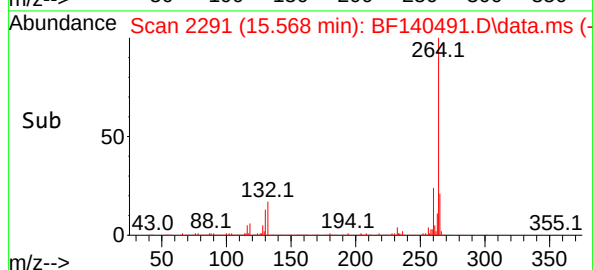
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

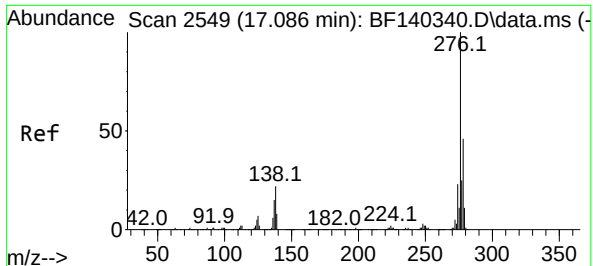


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:264 Resp: 237975
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.098 ng

RT: 17.086 min Scan# 2116

Delta R.T. 0.029 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:276 Resp: 72175

Ion Ratio Lower Upper

276 100

138 22.7 18.8 28.2

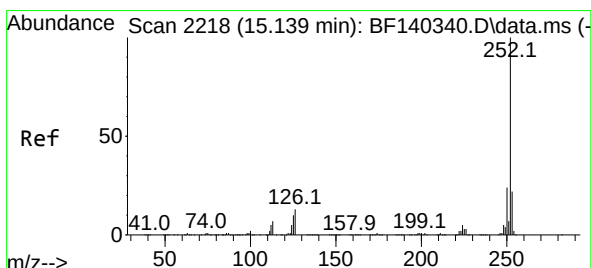
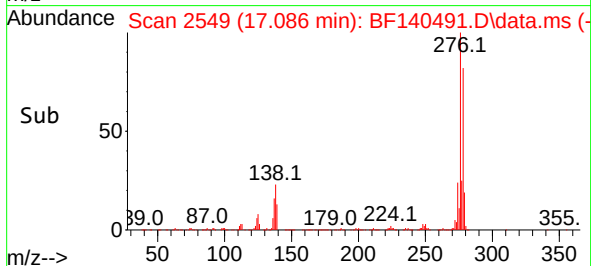
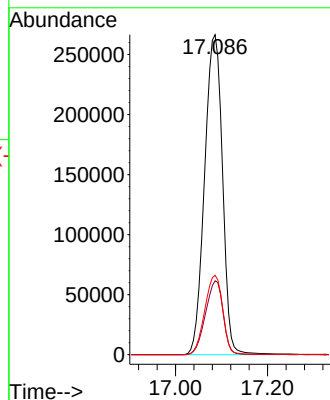
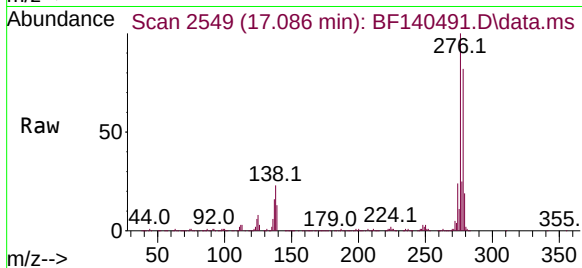
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#88

Benzo(b)fluoranthene

Concen: 42.541 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

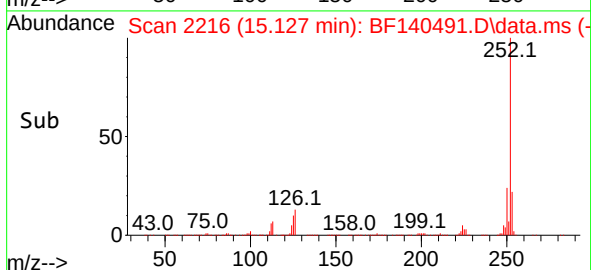
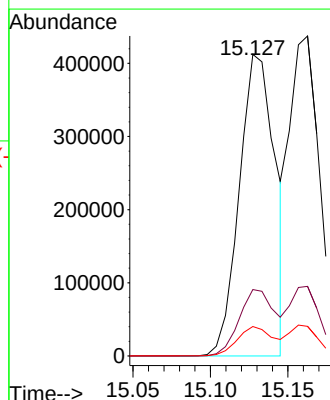
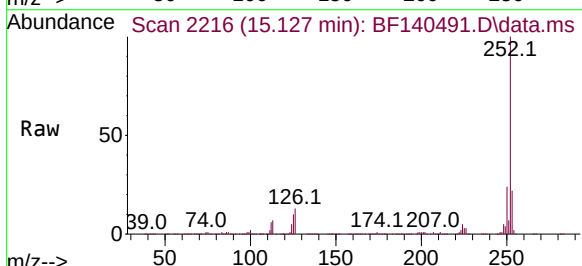
Tgt Ion:252 Resp: 662250

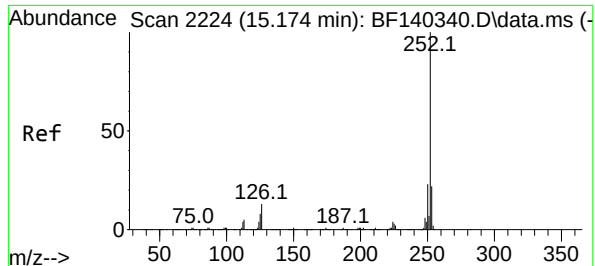
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.415 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

Tgt Ion:252 Resp: 59026

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

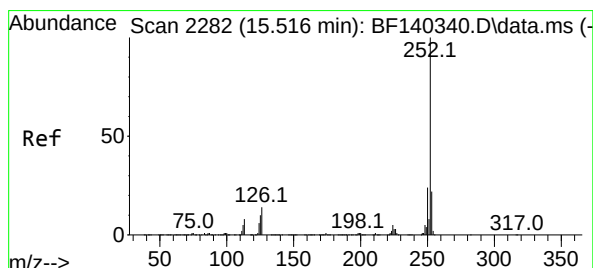
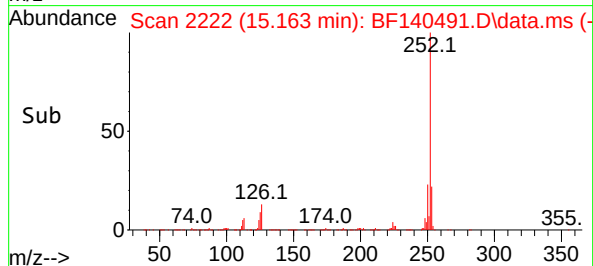
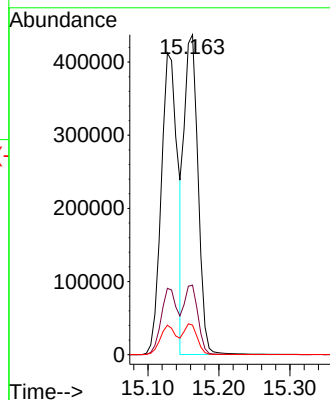
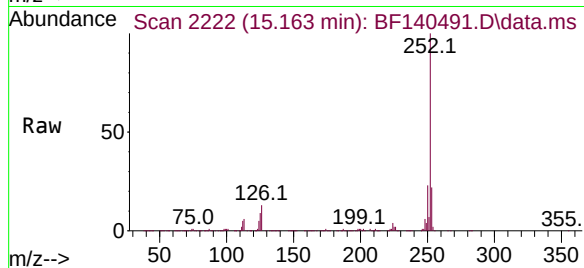
125 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#90

Benzo(a)pyrene

Concen: 48.691 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

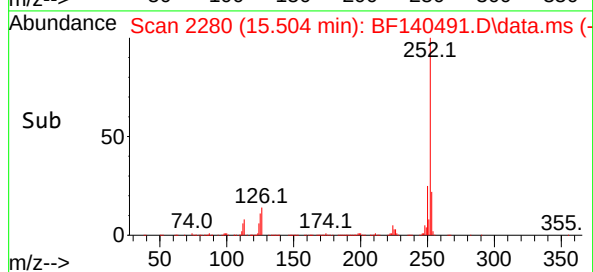
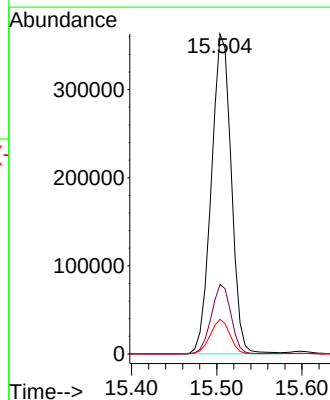
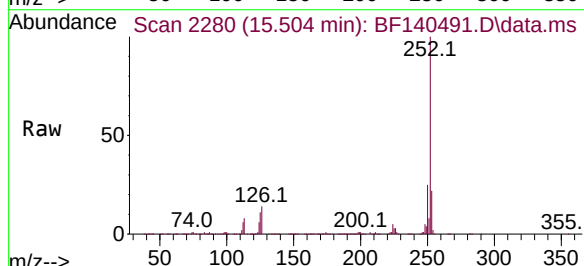
Tgt Ion:252 Resp: 588626

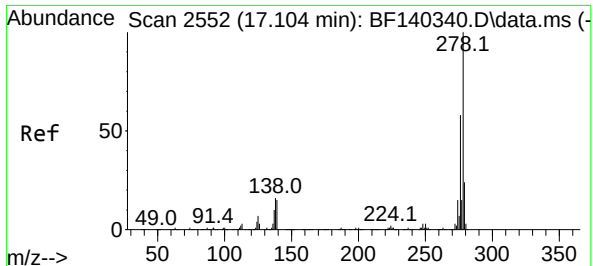
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

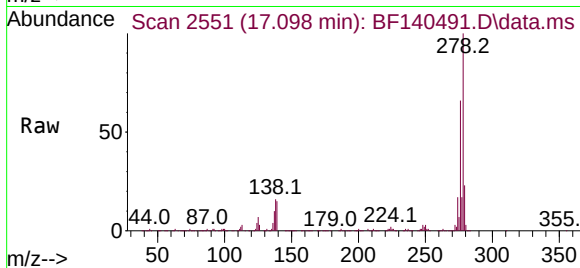
125 10.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 48.720 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

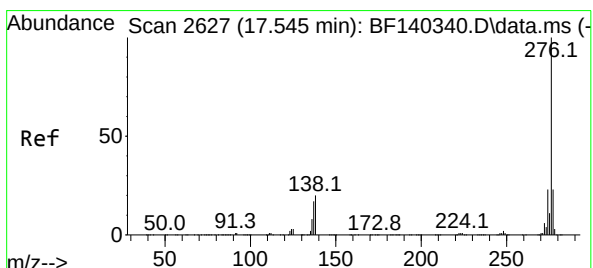
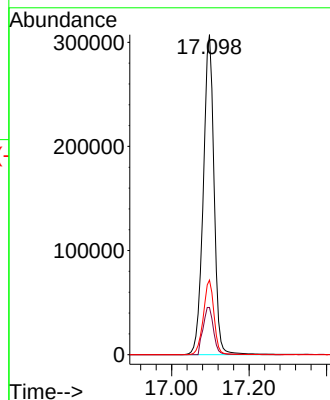
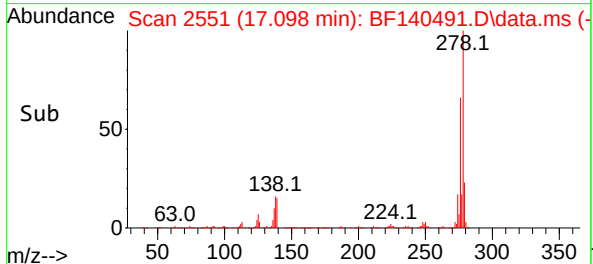
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



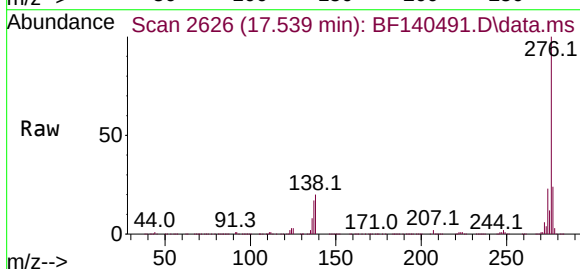
Tgt Ion: 278 Resp: 59200
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.3 18.9 28.3

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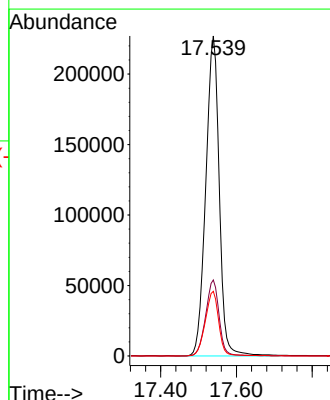
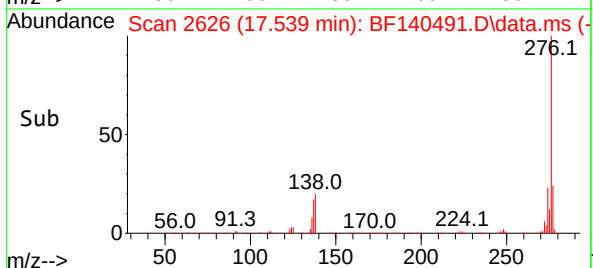
Reviewed By : Yogesh Patel 11/22/2024
Supervised By : mohammad ahmed 11/22/2024



#92
Benzo(g,h,i)perylene
Concen: 45.008 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion: 276 Resp: 559109
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.2 16.0 24.0



Manual Integration Report

Sequence:	BF111324	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF140333.D	Benzoic acid	yogesh	11/14/2024 3:08:33 AM	mohammad	11/15/2024 5:49:17 AM	Peak Integrated by Software
SSTDICC010	BF140334.D	2,3,4,6-Tetrachlorophen ol	yogesh	11/14/2024 3:08:38 AM	mohammad	11/15/2024 5:49:17 AM	Peak Integrated by Software
SSTDICC010	BF140334.D	Benzoic acid	yogesh	11/14/2024 3:08:38 AM	mohammad	11/15/2024 5:49:17 AM	Peak Integrated by Software
SSTDICC080	BF140339.D	Caprolactam	yogesh	11/14/2024 3:08:41 AM	mohammad	11/15/2024 5:49:17 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BF112024	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF140488.D	2,4-Dimethylphenol	yogesh	11/22/2024 3:49:58 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software
SSTDCCC040	BF140488.D	Acenaphthene	yogesh	11/22/2024 3:49:58 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software
PB165039BS	BF140490.D	Acenaphthene	yogesh	11/22/2024 3:49:59 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software
PB165039BS	BF140490.D	Caprolactam	yogesh	11/22/2024 3:49:59 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software
PB165039BSD	BF140491.D	2,4-Dimethylphenol	yogesh	11/22/2024 3:50:01 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software
PB165039BSD	BF140491.D	Acenaphthene	yogesh	11/22/2024 3:50:01 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software
PB165039BSD	BF140491.D	Caprolactam	yogesh	11/22/2024 3:50:01 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software
SSTDCCC040	BF140499.D	2,4-Dimethylphenol	yogesh	11/22/2024 3:50:27 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software
SSTDCCC040	BF140501.D	2,4-Dimethylphenol	yogesh	11/22/2024 3:50:29 AM	mohammad	11/22/2024 4:00:42 AM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF111324

Review By	yogesh	Review On	11/14/2024 3:08:53 AM
Supervise By	mohammad	Supervise On	11/15/2024 5:49:17 AM
SubDirectory	BF111324	HP Acquire Method	BNA_F
		HP Processing Method	Bf111324
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621		
CCC	SP6624		
Internal Standard/PEM	S12327,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140331.D	13 Nov 2024 08:35	RC/JU	Ok
2	SSTDICC2.5	BF140332.D	13 Nov 2024 09:01	RC/JU	Ok
3	SSTDICC005	BF140333.D	13 Nov 2024 09:27	RC/JU	Ok,M
4	SSTDICC010	BF140334.D	13 Nov 2024 09:53	RC/JU	Ok,M
5	SSTDICC020	BF140335.D	13 Nov 2024 10:29	RC/JU	Ok
6	SSTDICCC040	BF140336.D	13 Nov 2024 10:55	RC/JU	Not Ok
7	SSTDICC050	BF140337.D	13 Nov 2024 11:21	RC/JU	Ok
8	SSTDICC060	BF140338.D	13 Nov 2024 11:47	RC/JU	Ok
9	SSTDICC080	BF140339.D	13 Nov 2024 12:13	RC/JU	Ok,M
10	SSTDICCC040	BF140340.D	13 Nov 2024 12:48	RC/JU	Ok
11	SSTDICV040	BF140341.D	13 Nov 2024 13:19	RC/JU	Ok
12	PB164401BL	BF140342.D	13 Nov 2024 13:45	RC/JU	Ok
13	P4495-11	BF140343.D	13 Nov 2024 15:25	RC/JU	Dilution
14	P4495-11DL	BF140344.D	13 Nov 2024 16:02	RC/JU	Ok
15	P3845-03	BF140345.D	13 Nov 2024 16:40	RC/JU	Dilution
16	P3845-03DL	BF140346.D	13 Nov 2024 17:06	RC/JU	Ok
17	P3845-06	BF140347.D	13 Nov 2024 17:32	RC/JU	Dilution
18	P3845-06DL	BF140348.D	13 Nov 2024 17:58	RC/JU	Not Ok
19	SP6681	BF140349.D	13 Nov 2024 18:39	RC/JU	Ok,NR

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112024

Review By	yogesh	Review On	11/22/2024 3:51:12 AM
Supervise By	mohammad	Supervise On	11/22/2024 4:00:42 AM
SubDirectory	BF112024	HP Acquire Method	BNA_F
		HP Processing Method	Bf111324
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	BF140487.D	20 Nov 2024 09:04	RC/JU	Ok
2	SSTDCCC040	BF140488.D	20 Nov 2024 09:31	RC/JU	Ok,M
3	PB165039BL	BF140489.D	20 Nov 2024 09:57	RC/JU	Ok
4	PB165039BS	BF140490.D	20 Nov 2024 10:23	RC/JU	Ok,M
5	PB165039BSD	BF140491.D	20 Nov 2024 10:49	RC/JU	Ok,M
6	P4843-01	BF140492.D	20 Nov 2024 11:23	RC/JU	Ok,M
7	P4868-01	BF140493.D	20 Nov 2024 11:49	RC/JU	Ok
8	P4868-03	BF140494.D	20 Nov 2024 12:15	RC/JU	ReRun
9	P4892-02	BF140495.D	20 Nov 2024 12:42	RC/JU	Ok
10	P4892-02MS	BF140496.D	20 Nov 2024 13:08	RC/JU	Ok,M
11	P4892-02MSD	BF140497.D	20 Nov 2024 13:35	RC/JU	Ok,M
12	P4868-03RE	BF140498.D	20 Nov 2024 14:01	RC/JU	Confirms
13	SSTDCCC040	BF140499.D	20 Nov 2024 14:34	RC/JU	Ok,M
14	DFTPP	BF140500.D	20 Nov 2024 15:33	RC/JU	Ok
15	SSTDCCC040	BF140501.D	20 Nov 2024 15:59	RC/JU	Ok,M
16	PB165086BL	BF140502.D	20 Nov 2024 16:25	RC/JU	Ok
17	P4849-02	BF140503.D	20 Nov 2024 16:58	RC/JU	Ok
18	P4870-07	BF140504.D	20 Nov 2024 17:24	RC/JU	Ok
19	P4910-01	BF140505.D	20 Nov 2024 17:51	RC/JU	Ok
20	P4893-01	BF140506.D	20 Nov 2024 18:17	RC/JU	Ok
21	P4893-05	BF140507.D	20 Nov 2024 18:43	RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112024

Review By	yogesh	Review On	11/22/2024 3:51:12 AM
Supervise By	mohammad	Supervise On	11/22/2024 4:00:42 AM
SubDirectory	BF112024	HP Acquire Method	BNA_F
		HP Processing Method	Bf111324
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	P4768-05	BF140508.D	20 Nov 2024 19:09	RC/JU	Ok
23	P4870-10	BF140509.D	20 Nov 2024 19:35	RC/JU	Ok
24	P4892-01	BF140510.D	20 Nov 2024 20:02	RC/JU	Ok,M
25	P4909-01	BF140511.D	20 Nov 2024 20:28	RC/JU	Ok,M
26	P4910-05	BF140512.D	20 Nov 2024 20:54	RC/JU	Ok,M
27	P4889-05DL	BF140513.D	20 Nov 2024 21:21	RC/JU	Ok,M
28	P4822-10	BF140514.D	20 Nov 2024 21:47	RC/JU	Ok,M
29	P4822-12	BF140515.D	20 Nov 2024 22:13	RC/JU	Ok,M
30	P4822-06	BF140516.D	20 Nov 2024 22:40	RC/JU	Ok,M
31	P4822-08	BF140517.D	20 Nov 2024 23:06	RC/JU	Ok,M
32	P4822-02	BF140518.D	20 Nov 2024 23:32	RC/JU	ReRun
33	P4822-04	BF140519.D	20 Nov 2024 23:58	RC/JU	ReRun
34	P4887-05	BF140520.D	21 Nov 2024 00:24	RC/JU	ReRun
35	P4860-02	BF140521.D	21 Nov 2024 00:51	RC/JU	ReRun
36	P4860-03	BF140522.D	21 Nov 2024 01:17	RC/JU	ReRun
37	P4860-07	BF140523.D	21 Nov 2024 01:43	RC/JU	ReRun
38	P4916-01	BF140524.D	21 Nov 2024 02:09	RC/JU	ReRun
39	P4916-05	BF140525.D	21 Nov 2024 02:35	RC/JU	ReRun

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF111324

Review By	yogesh	Review On	11/14/2024 3:08:53 AM
Supervise By	mohammad	Supervise On	11/15/2024 5:49:17 AM
SubDirectory	BF111324	HP Acquire Method	BNA_F
		HP Processing Method	Bf111324

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621
CCC	SP6624
Internal Standard/PEM	S12327,10ul/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	BF140331.D	13 Nov 2024 08:35		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF140332.D	13 Nov 2024 09:01		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF140333.D	13 Nov 2024 09:27	Compound#41,54,77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF140334.D	13 Nov 2024 09:53		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF140335.D	13 Nov 2024 10:29		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF140336.D	13 Nov 2024 10:55	Injection Error	RC/JU	Not Ok
7	SSTDICC050	SSTDICC050	BF140337.D	13 Nov 2024 11:21		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF140338.D	13 Nov 2024 11:47		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF140339.D	13 Nov 2024 12:13	Compound#09 removed from 80 ppm	RC/JU	Ok,M
10	SSTDICCC040	SSTDICCC040	BF140340.D	13 Nov 2024 12:48		RC/JU	Ok
11	SSTDICV040	ICVBF111324	BF140341.D	13 Nov 2024 13:19		RC/JU	Ok
12	PB164401BL	PB164401BL	BF140342.D	13 Nov 2024 13:45		RC/JU	Ok
13	P4495-11	PT-BNA-SOIL	BF140343.D	13 Nov 2024 15:25	PT Sample, Need 5X Dilution	RC/JU	Dilution
14	P4495-11DL	PT-BNA-SOILDL	BF140344.D	13 Nov 2024 16:02		RC/JU	Ok
15	P3845-03	PT-BN-WP	BF140345.D	13 Nov 2024 16:40	PT Sample Analyzed for confirmation - Need 5X Dilution.	RC/JU	Dilution
16	P3845-03DL	PT-BN-WPDL	BF140346.D	13 Nov 2024 17:06		RC/JU	Ok
17	P3845-06	PT-ACIDS-WP	BF140347.D	13 Nov 2024 17:32	PT Sample Analyzed for confirmation - Need 5X Dilution.	RC/JU	Dilution

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF111324

Review By	yogesh	Review On	11/14/2024 3:08:53 AM		
Supervise By	mohammad	Supervise On	11/15/2024 5:49:17 AM		
SubDirectory	BF111324	HP Acquire Method	BNA_F	HP Processing Method	Bf111324
STD. NAME		STD REF.#			
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6628,SP6627,SP6626,SP6625,SP6624,SP6623,SP6622,SP6621				
CCC	SP6624				
Internal Standard/PEM	S12327,10ul/1000ul sample				
ICV/I.BLK	SP6559				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	P3845-06DL	PT-ACIDS-WPDL	BF140348.D	13 Nov 2024 17:58	Dilution not matching (Low results)	RC/JU	Not Ok
19	SP6681	SP6681	BF140349.D	13 Nov 2024 18:39	8270-625.1 SPIKE SOLUTION	RC/JU	Ok,NR

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112024

Review By	yogesh	Review On	11/22/2024 3:51:12 AM
Supervise By	mohammad	Supervise On	11/22/2024 4:00:42 AM
SubDirectory	BF112024	HP Acquire Method	BNA_F
		HP Processing Method	Bf111324

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	BF140487.D	20 Nov 2024 09:04		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140488.D	20 Nov 2024 09:31		RC/JU	Ok,M
3	PB165039BL	PB165039BL	BF140489.D	20 Nov 2024 09:57		RC/JU	Ok
4	PB165039BS	PB165039BS	BF140490.D	20 Nov 2024 10:23		RC/JU	Ok,M
5	PB165039BSD	PB165039BSD	BF140491.D	20 Nov 2024 10:49		RC/JU	Ok,M
6	P4843-01	SW-WTS-01	BF140492.D	20 Nov 2024 11:23		RC/JU	Ok,M
7	P4868-01	RW5-SP100-20241114	BF140493.D	20 Nov 2024 11:49		RC/JU	Ok
8	P4868-03	RW5-SP303-20241114	BF140494.D	20 Nov 2024 12:15	Internal Standard Fail	RC/JU	ReRun
9	P4892-02	WB-310-BOT	BF140495.D	20 Nov 2024 12:42		RC/JU	Ok
10	P4892-02MS	WB-310-BOTMS	BF140496.D	20 Nov 2024 13:08		RC/JU	Ok,M
11	P4892-02MSD	WB-310-BOTMSD	BF140497.D	20 Nov 2024 13:35		RC/JU	Ok,M
12	P4868-03RE	RW5-SP303-20241114	BF140498.D	20 Nov 2024 14:01	Internal Standard Fail	RC/JU	Confirms
13	SSTDCCC040	SSTDCCC040EC	BF140499.D	20 Nov 2024 14:34		RC/JU	Ok,M
14	DFTPP	DFTPP	BF140500.D	20 Nov 2024 15:33		RC/JU	Ok
15	SSTDCCC040	SSTDCCC040	BF140501.D	20 Nov 2024 15:59		RC/JU	Ok,M
16	PB165086BL	PB165086BL	BF140502.D	20 Nov 2024 16:25		RC/JU	Ok
17	P4849-02	RR-1	BF140503.D	20 Nov 2024 16:58		RC/JU	Ok
18	P4870-07	MH-736	BF140504.D	20 Nov 2024 17:24		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112024

Review By	yogesh	Review On	11/22/2024 3:51:12 AM
Supervise By	mohammad	Supervise On	11/22/2024 4:00:42 AM
SubDirectory	BF112024	HP Acquire Method	BNA_F
		HP Processing Method	Bf111324
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			

19	P4910-01	MH-COTTAGE	BF140505.D	20 Nov 2024 17:51		RC/JU	Ok
20	P4893-01	MH-763	BF140506.D	20 Nov 2024 18:17		RC/JU	Ok
21	P4893-05	MH-762	BF140507.D	20 Nov 2024 18:43		RC/JU	Ok
22	P4768-05	B-5	BF140508.D	20 Nov 2024 19:09	Internal Standard Fail	RC/JU	Ok
23	P4870-10	TP-15	BF140509.D	20 Nov 2024 19:35		RC/JU	Ok
24	P4892-01	WB-310-TOP	BF140510.D	20 Nov 2024 20:02		RC/JU	Ok,M
25	P4909-01	BU-02-111824	BF140511.D	20 Nov 2024 20:28		RC/JU	Ok,M
26	P4910-05	MH-759	BF140512.D	20 Nov 2024 20:54	Internal Standard Fail	RC/JU	Ok,M
27	P4889-05DL	#72-11930DL	BF140513.D	20 Nov 2024 21:21	Internal Standard Fail	RC/JU	Ok,M
28	P4822-10	SOIL-5	BF140514.D	20 Nov 2024 21:47		RC/JU	Ok,M
29	P4822-12	SOIL-6	BF140515.D	20 Nov 2024 22:13		RC/JU	Ok,M
30	P4822-06	SOIL-3	BF140516.D	20 Nov 2024 22:40		RC/JU	Ok,M
31	P4822-08	SOIL-4	BF140517.D	20 Nov 2024 23:06		RC/JU	Ok,M
32	P4822-02	SOIL-1	BF140518.D	20 Nov 2024 23:32	Internal Standard Fail	RC/JU	ReRun
33	P4822-04	SOIL-2	BF140519.D	20 Nov 2024 23:58	Internal Standard Fail	RC/JU	ReRun
34	P4887-05	MH-760	BF140520.D	21 Nov 2024 00:24	Internal Standard Fail	RC/JU	ReRun
35	P4860-02	PH2-BOT-001	BF140521.D	21 Nov 2024 00:51	Internal Standard Fail	RC/JU	ReRun
36	P4860-03	PH2-BOT-002	BF140522.D	21 Nov 2024 01:17	Internal Standard Fail	RC/JU	ReRun
37	P4860-07	PH2-BOT-008	BF140523.D	21 Nov 2024 01:43	Internal Standard Fail	RC/JU	ReRun

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112024

Review By	yogesh	Review On	11/22/2024 3:51:12 AM		
Supervise By	mohammad	Supervise On	11/22/2024 4:00:42 AM		
SubDirectory	BF112024	HP Acquire Method	BNA_F	HP Processing Method	Bf111324
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					

38	P4916-01	TP-1-WC	BF140524.D	21 Nov 2024 02:09	Internal Standard Fail	RC/JU	ReRun
39	P4916-05	TP-2-WC	BF140525.D	21 Nov 2024 02:35	Internal Standard Fail	RC/JU	ReRun

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction SVOC-20		
Clean Up SOP #:	N/A	Extraction Start Date :	11/16/2024
Matrix :	Water	Extraction Start Time :	08:15
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Filter By:	RS
Balance ID:	N/A	Extraction End Date :	11/16/2024
pH Strip Lot#:	E3574	Extraction End Time :	13:15
		Concentration By:	EH
		Supervisor By :	rajesh
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6630
Surrogate	1.0ML	100/150 PPM	SP6638
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3828
Baked Na2SO4	N/A	EP2562
10N NaOH	N/A	EP2559
H2SO4 1:1	N/A	EP2548
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673. pH Adjusted<2 with 1:1 H2SO4 & >11 with 10 N NaOH.

KD Bath ID:	Water bath -01,02	Envap ID:	NE VAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/16/24	RP (Ext. Lab)	JH / SVOC
13:20	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 11/16/2024

Sample ID	Client Sample ID	Test	g /mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165039BL	SBLK039	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			SEP-01
PB165039BS	SLCS039	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			2
PB165039BS D	SLCSD039	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			3
P4843-01	SW-WTS-01	SVOCMS Group4	990	12	RUPESH	rajesh	1	C		4
P4868-01	RW5-SP100-20241114	SVOC-TCL BNA -20	980	6	RUPESH	rajesh	1	B		5
P4868-03	RW5-SP303-20241114	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1	B		6

* Extracts relinquished on the same date as received.

P4868-SVOC-TCL BNA -20

[Signature]
11/16/24

739 of 1086

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4864

WorkList ID : 185503

Department : Extraction

Date : 11-16-2024 08:09:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4843-01	SW-WTS-01	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	L23	11/13/2024	8270E
P4864-01	MONTCLAIR-TOTE-2	Water	PCB	Cool 4 deg C	PSEG03	M11	11/15/2024	8082A
P4868-01	RW5-SP100-20241114	Water	SVOC-TCL BNA -20	Cool 4 deg C	TETR06	L41	11/14/2024	8270E
P4868-03	RW5-SP303-20241114	Water	SVOC-TCL BNA -20	Cool 4 deg C	TETR06	L41	11/14/2024	8270E
P4890-01	#3711	Water	PCB	Cool 4 deg C	PSEG03	M11	11/15/2024	8082A
P4890-02	D3617	Water	PCB	Cool 4 deg C	PSEG03	M11	11/15/2024	8082A
P4890-03	D3690	Water	PCB	Cool 4 deg C	PSEG03	M11	11/15/2024	8082A

Date/Time 11/16/24 8:12
 Raw Sample Received by: RS (EVL 104)
 Raw Sample Relinquished by: [Signature]

Date/Time 11/16/24 8:35
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

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\BF111324\
 Data File : BF140333.D
 Acq On : 13 Nov 2024 09:27
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 13 14:22:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147440	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	561082	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	317345	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	615904	20.000	ng	0.00
76) Chrysene-d12	14.051	240	462864	20.000	ng	0.00
86) Perylene-d12	15.563	264	372118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	98004	11.349	ng	0.00
7) Phenol-d6	6.493	99	130723	11.173	ng	-0.01
23) Nitrobenzene-d5	7.434	82	115292	10.706	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	34890	11.056	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	241751	12.246	ng	0.00
79) Terphenyl-d14	12.980	244	283824	10.644	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.640	88	21442	5.571	ng	95
3) Pyridine	3.422	79	52697	5.569	ng	98
4) n-Nitrosodimethylamine	3.346	42	24263	5.074	ng	# 97
6) Aniline	6.534	93	58498	5.748	ng	98
8) 2-Chlorophenol	6.657	128	51502	5.552	ng	99
9) Benzaldehyde	6.428	77	40600	5.790	ng	100
10) Phenol	6.504	94	66303	5.374	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	50099	5.359	ng	97
12) 1,3-Dichlorobenzene	6.816	146	58435	5.709	ng	99
13) 1,4-Dichlorobenzene	6.893	146	58594	5.646	ng	99
14) 1,2-Dichlorobenzene	7.046	146	55054	5.714	ng	100
15) Benzyl Alcohol	7.010	79	43212	5.126	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.146	45	70257	5.441	ng	100
17) 2-Methylphenol	7.116	107	40243	5.274	ng	97
18) Hexachloroethane	7.387	117	20701	5.396	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	37919	5.366	ng	97
20) 3+4-Methylphenols	7.275	107	52942	5.548	ng	# 82
22) Acetophenone	7.281	105	74642	5.720	ng	95
24) Nitrobenzene	7.451	77	59394	5.297	ng	99
25) Isophorone	7.687	82	103224	5.409	ng	99
26) 2-Nitrophenol	7.769	139	24576	4.939	ng	99
27) 2,4-Dimethylphenol	7.804	122	33358	5.237	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	64672	5.526	ng	100
29) 2,4-Dichlorophenol	8.010	162	43077	5.472	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	48599	5.545	ng	99
31) Naphthalene	8.175	128	162710	5.717	ng	99
32) Benzoic acid	7.869	122	19264	3.443	ng	98
33) 4-Chloroaniline	8.222	127	54728	5.529	ng	99
34) Hexachlorobutadiene	8.293	225	30821	5.519	ng	99
35) Caprolactam	8.551	113	13807	5.217	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	46450	5.324	ng	97
37) 2-Methylnaphthalene	8.869	142	105353	5.773	ng	97
38) 1-Methylnaphthalene	8.963	142	102975	5.762	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	51260	5.841	ng	98
41) Hexachlorocyclopentadiene	9.022	237	7348	3.261	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	30173	5.239	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140333.D
 Acq On : 13 Nov 2024 09:27
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

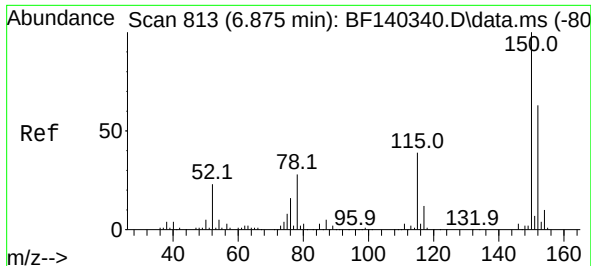
Quant Time: Nov 13 14:22:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	33434	5.310	ng	96
46) 1,1'-Biphenyl	9.328	154	134098	5.808	ng	98
47) 2-Chloronaphthalene	9.351	162	101447	5.768	ng	100
48) 2-Nitroaniline	9.451	65	29995	5.143	ng	100
49) Acenaphthylene	9.769	152	153886	5.783	ng	99
50) Dimethylphthalate	9.622	163	116132	5.614	ng	99
51) 2,6-Dinitrotoluene	9.687	165	25188	5.341	ng	98
52) Acenaphthene	9.939	154	99899	5.559	ng	98
53) 3-Nitroaniline	9.857	138	26407	5.332	ng	94
54) 2,4-Dinitrophenol	9.969	184	5722	2.353	ng	88
55) Dibenzofuran	10.116	168	151058	5.937	ng	97
56) 4-Nitrophenol	10.016	139	15801	4.374	ng	98
57) 2,4-Dinitrotoluene	10.092	165	32877	5.297	ng	98
58) Fluorene	10.457	166	121014	6.021	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	25576	5.149	ng	99
60) Diethylphthalate	10.322	149	120988	5.720	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	58593	5.905	ng	97
62) 4-Nitroaniline	10.463	138	26578	5.249	ng	96
63) Azobenzene	10.610	77	118816	5.685	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	12385	3.738	ng	96
66) n-Nitrosodiphenylamine	10.563	169	100287	5.636	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	34999	5.685	ng	96
68) Hexachlorobenzene	11.004	284	38627	5.576	ng	98
69) Atrazine	11.086	200	29460	5.472	ng	97
70) Pentachlorophenol	11.204	266	14987	4.016	ng	97
71) Phenanthrene	11.422	178	168742	5.832	ng	99
72) Anthracene	11.475	178	164923	5.816	ng	98
73) Carbazole	11.628	167	162080	5.789	ng	99
74) Di-n-butylphthalate	11.957	149	186931	5.563	ng	100
75) Fluoranthene	12.610	202	193346	5.956	ng	99
77) Benzidine	12.733	184	69697	3.923	ng	98
78) Pyrene	12.839	202	202260	5.109	ng	99
80) Butylbenzylphthalate	13.457	149	74075	4.870	ng	96
81) Benzo(a)anthracene	14.039	228	167855	5.518	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	50636	5.237	ng	98
83) Chrysene	14.074	228	161255	5.810	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	102534	5.051	ng	99
85) Di-n-octyl phthalate	14.663	149	142493	4.984	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	103830	4.517	ng	98
88) Benzo(b)fluoranthene	15.121	252	130731	5.371	ng	99
89) Benzo(k)fluoranthene	15.145	252	119602	6.014	ng	99
90) Benzo(a)pyrene	15.492	252	102364	5.415	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	87528	4.607	ng	99
92) Benzo(g,h,i)perylene	17.504	276	87547	4.507	ng	99

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

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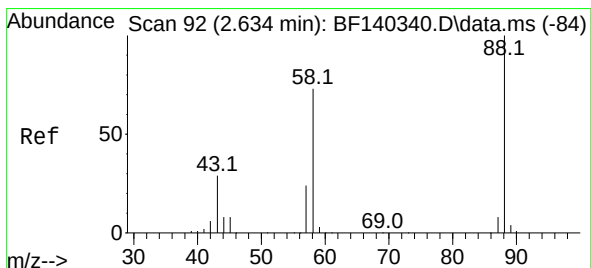
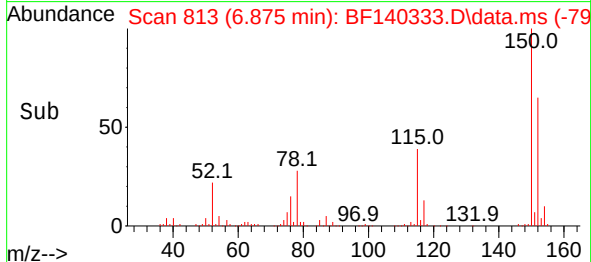
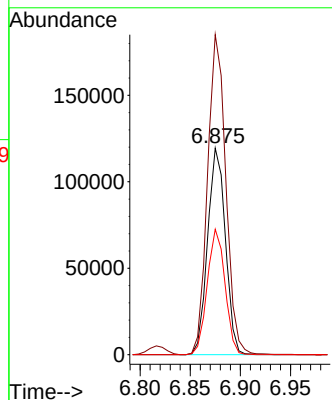
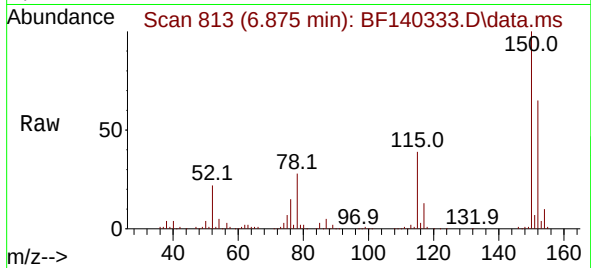
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

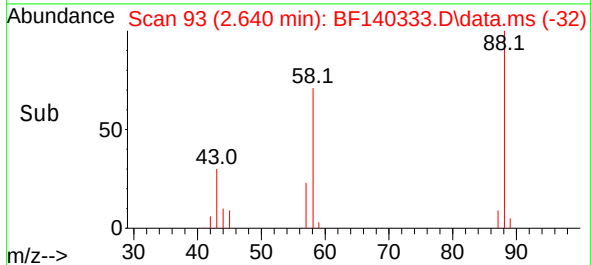
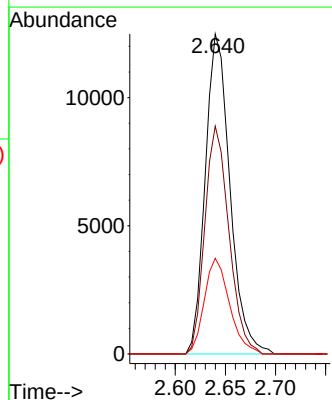
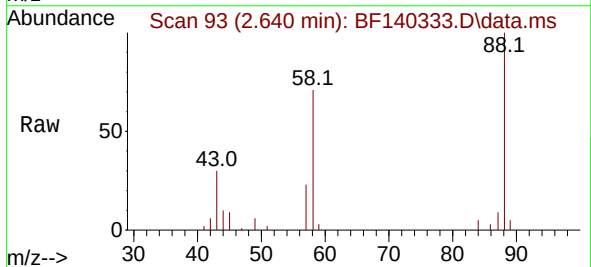
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

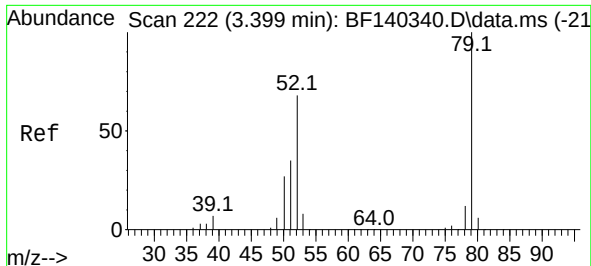
Tgt Ion:152 Resp: 147440
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 60.7 47.4 71.2



#2
1,4-Dioxane
Concen: 5.571 ng
RT: 2.640 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion: 88 Resp: 21442
Ion Ratio Lower Upper
88 100
58 69.5 59.5 89.3
43 30.4 23.4 35.2

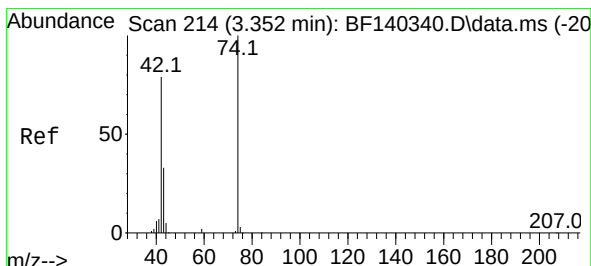
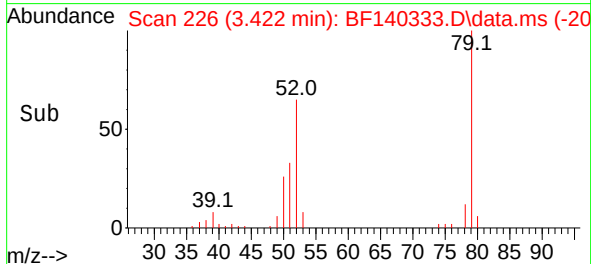
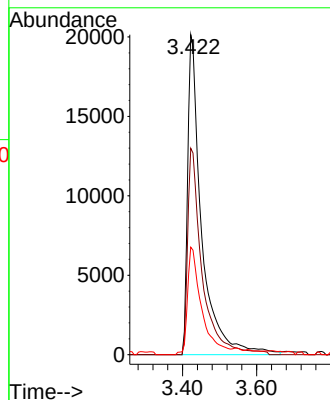
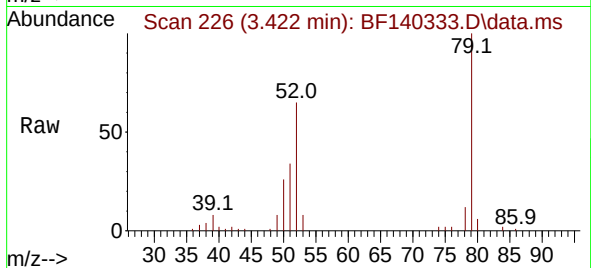




#3
Pyridine
Concen: 5.569 ng
RT: 3.422 min Scan# 213
Delta R.T. 0.018 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

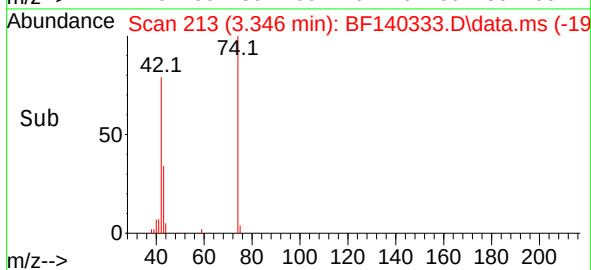
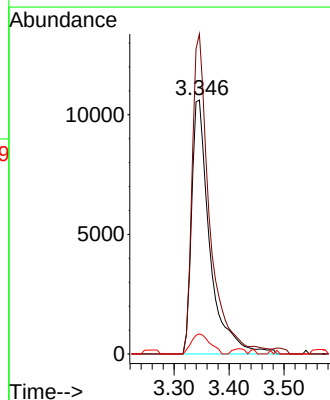
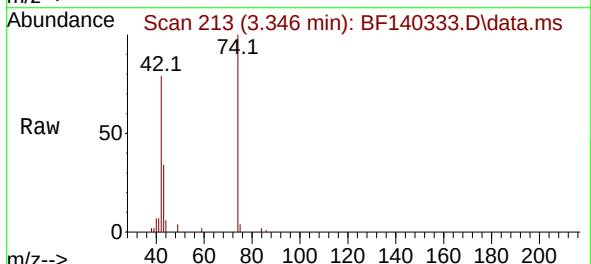
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

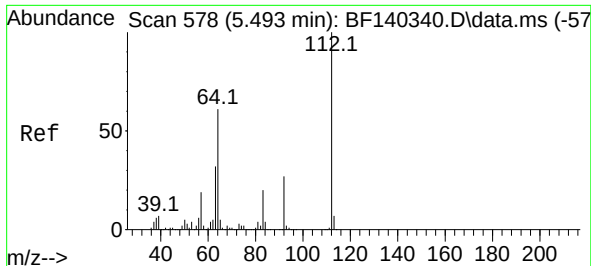
Tgt Ion: 79 Resp: 52697
Ion Ratio Lower Upper
79 100
52 64.5 53.8 80.6
51 33.6 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 5.074 ng
RT: 3.346 min Scan# 213
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion: 42 Resp: 24263
Ion Ratio Lower Upper
42 100
74 126.0 103.5 155.3
44 7.9 5.1 7.7#

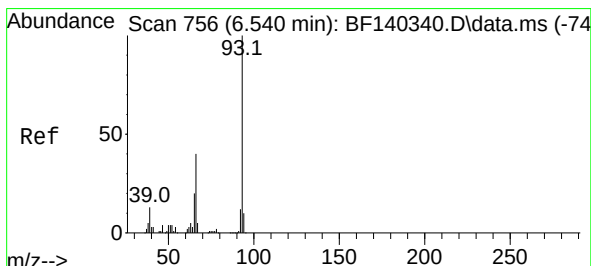
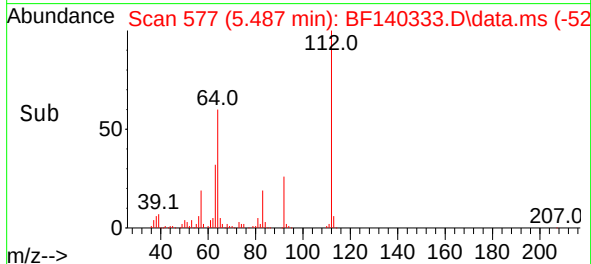
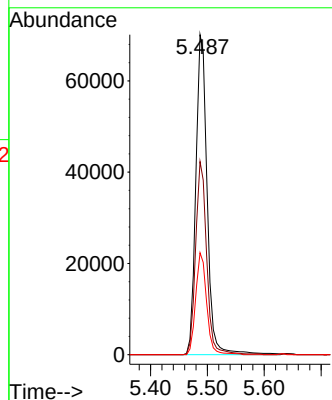
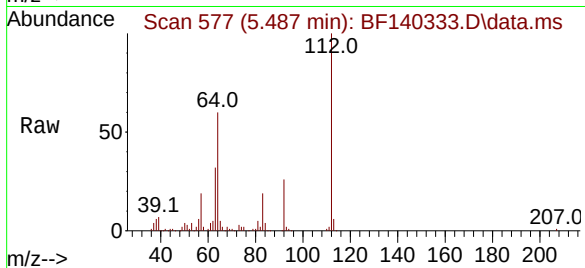




#5
2-Fluorophenol
Concen: 11.349 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

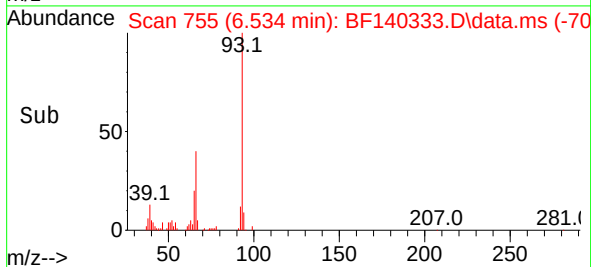
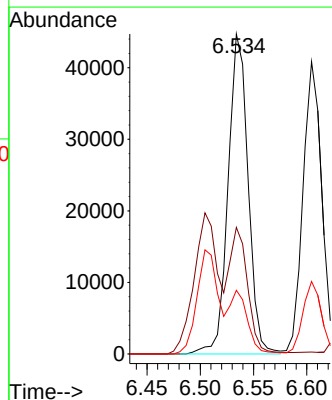
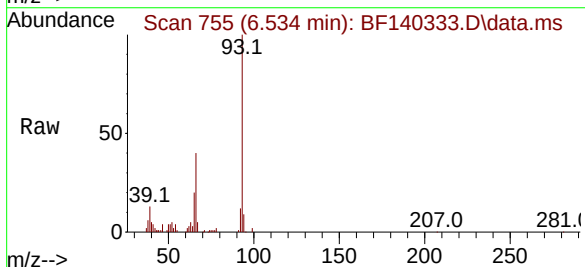
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

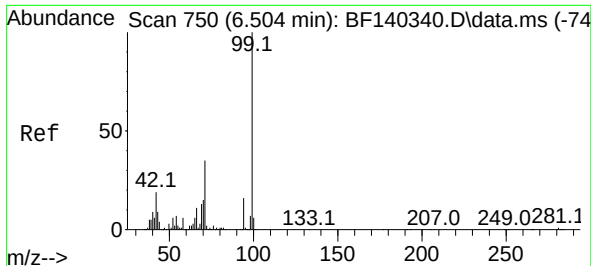
Tgt Ion:	112	Resp:	98004
Ion Ratio	Lower	Upper	
112	100		
64	60.4	49.2	73.8
63	31.9	25.6	38.4



#6
Aniline
Concen: 5.748 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:	93	Resp:	58498
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.8	49.2
65	19.9	16.6	25.0

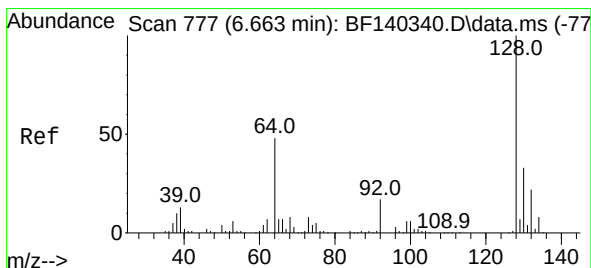
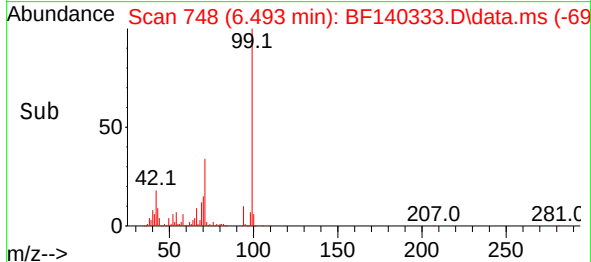
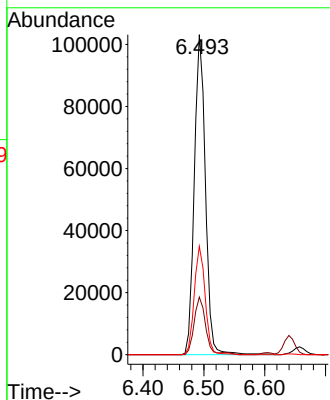
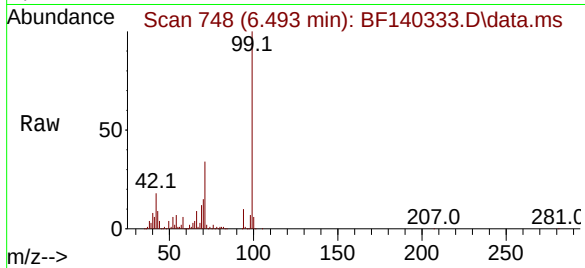




#7
Phenol-d6
Concen: 11.173 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

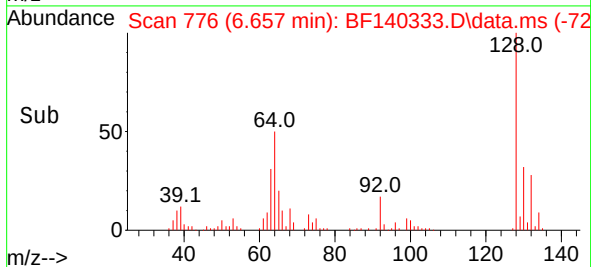
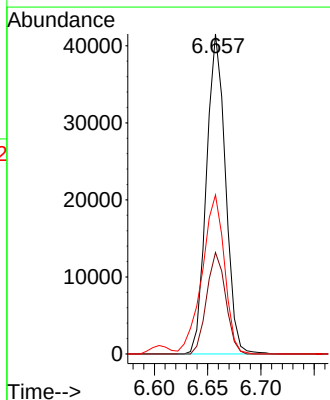
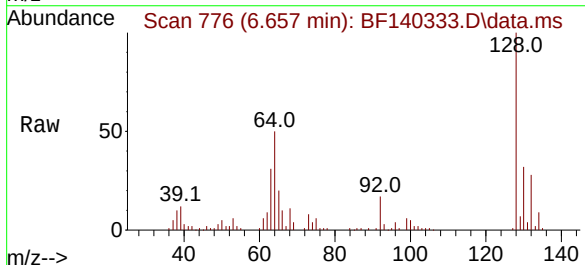
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

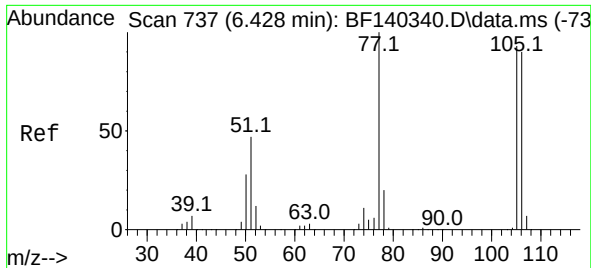
Tgt Ion: 99 Resp: 130723
Ion Ratio Lower Upper
99 100
42 18.0 15.1 22.7
71 33.8 27.9 41.9



#8
2-Chlorophenol
Concen: 5.552 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion: 128 Resp: 51502
Ion Ratio Lower Upper
128 100
130 31.7 12.2 52.2
64 49.7 30.2 70.2





#9

Benzaldehyde

Concen: 5.790 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

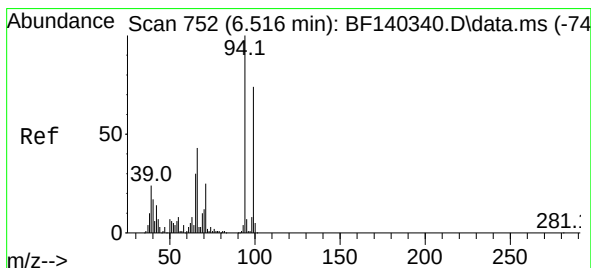
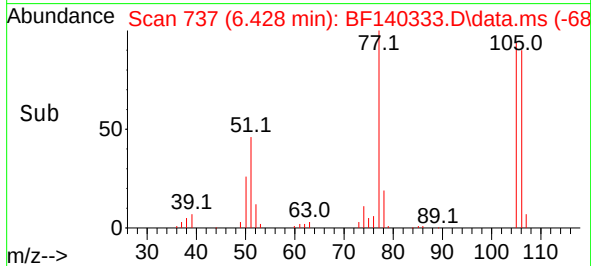
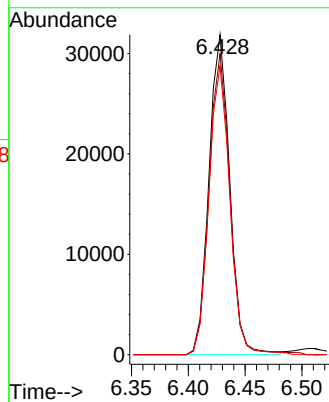
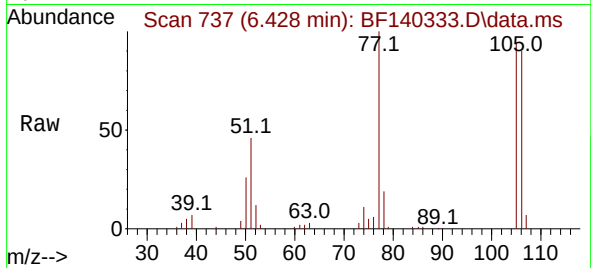
Tgt Ion: 77 Resp: 40600

Ion Ratio Lower Upper

77 100

105 94.0 74.4 114.4

106 90.2 69.9 109.9



#10

Phenol

Concen: 5.374 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.018 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

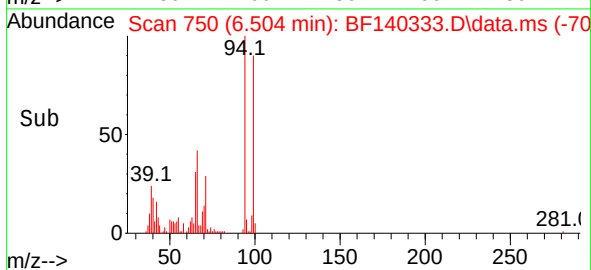
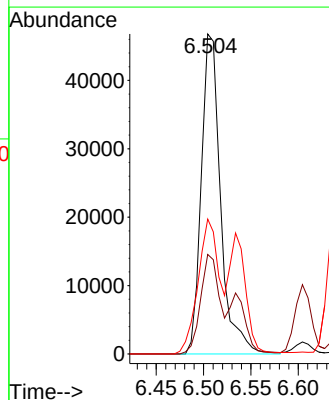
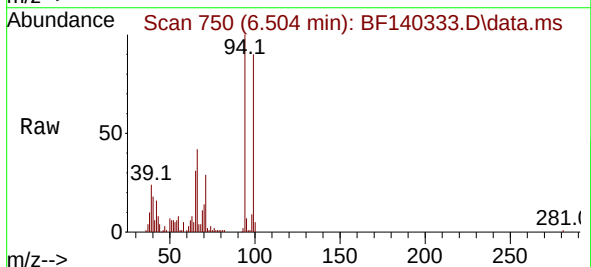
Tgt Ion: 94 Resp: 66303

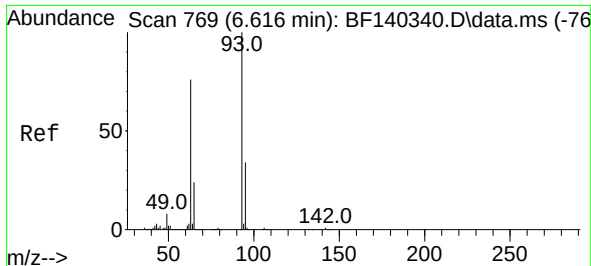
Ion Ratio Lower Upper

94 100

65 31.1 10.4 50.4

66 42.1 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 5.359 ng

RT: 6.604 min Scan# 769

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

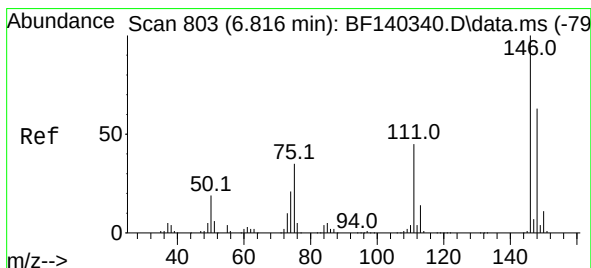
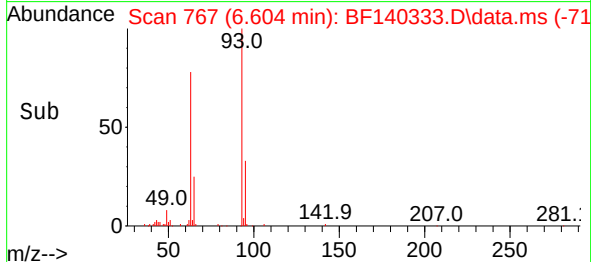
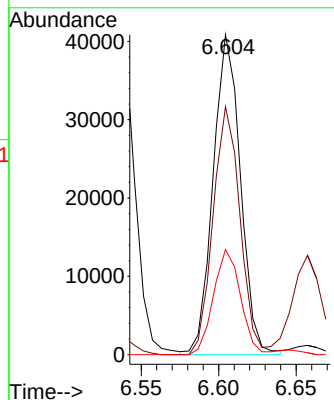
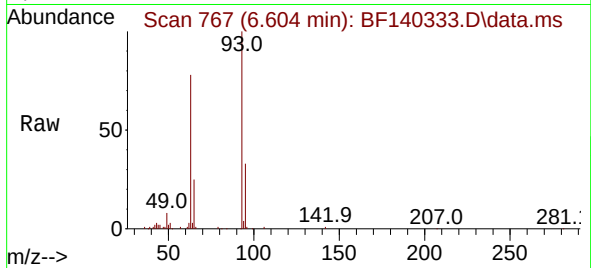
Tgt Ion: 93 Resp: 50099

Ion Ratio Lower Upper

93 100

63 77.5 54.0 94.0

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 5.709 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

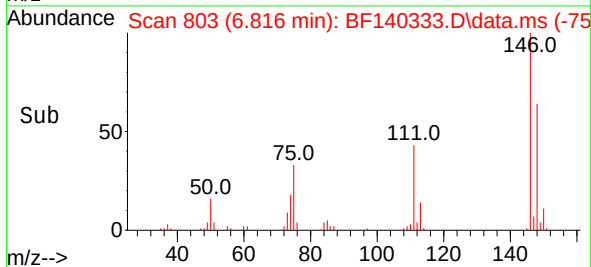
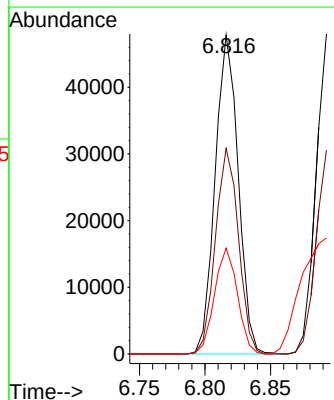
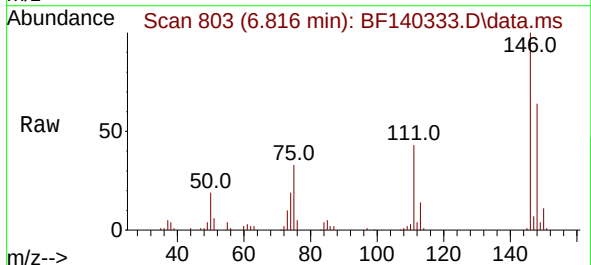
Tgt Ion: 146 Resp: 58435

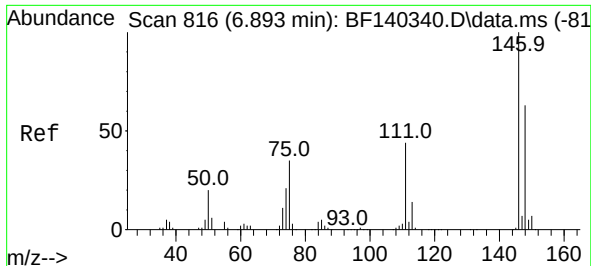
Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

75 33.2 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 5.646 ng

RT: 6.893 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

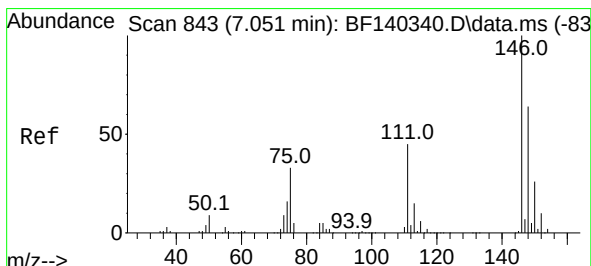
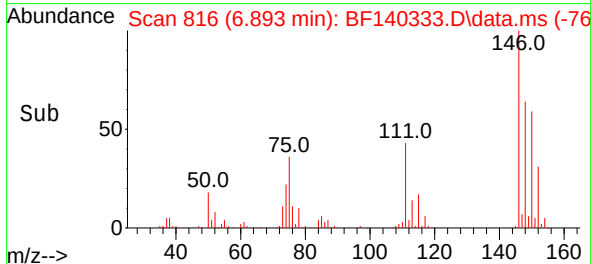
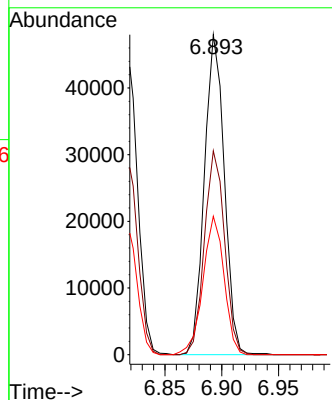
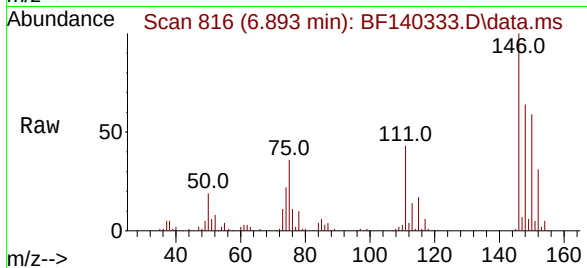
Tgt Ion:146 Resp: 58594

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 43.3 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 5.714 ng

RT: 7.046 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

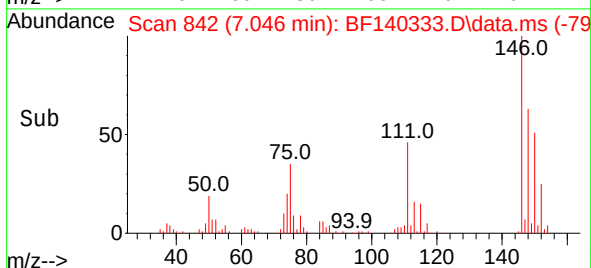
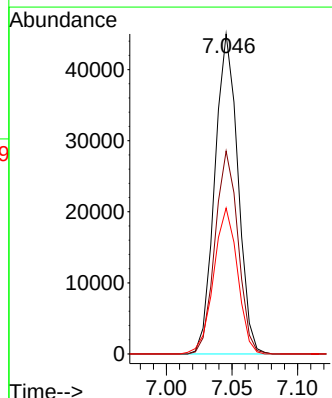
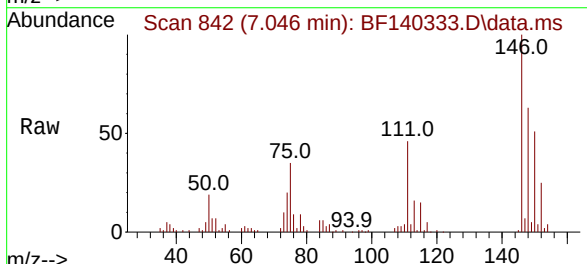
Tgt Ion:146 Resp: 55054

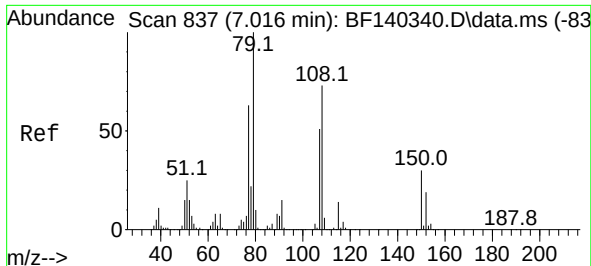
Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

111 45.6 36.5 54.7

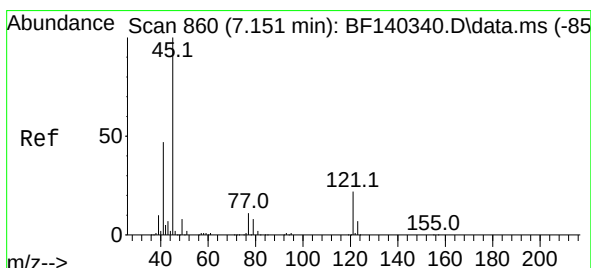
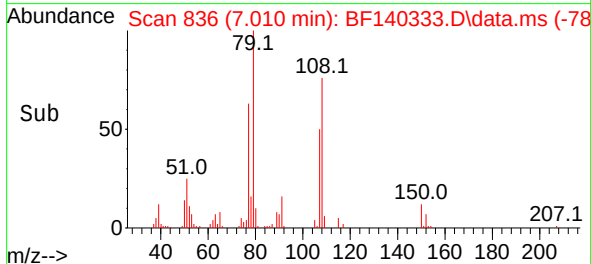
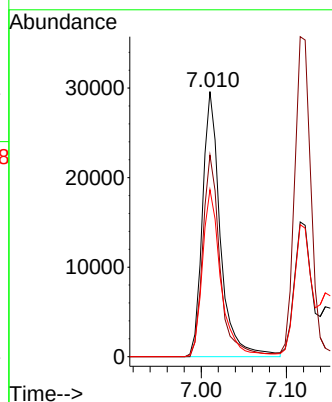
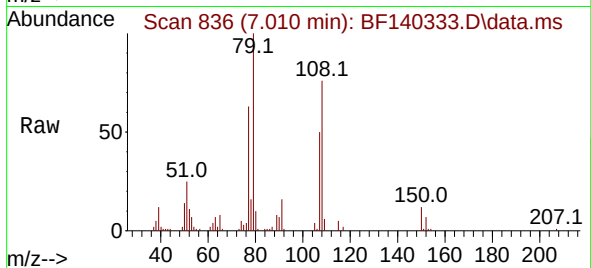




#15
Benzyl Alcohol
Concen: 5.126 ng
RT: 7.010 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

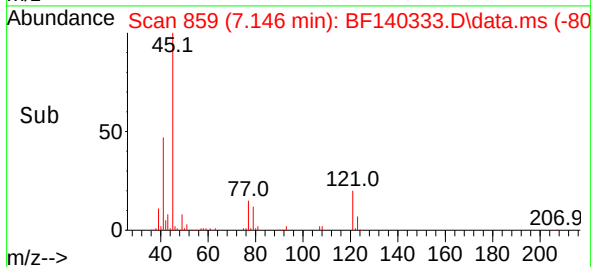
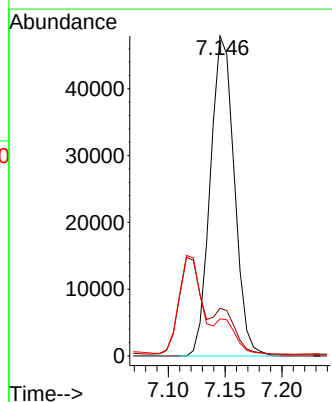
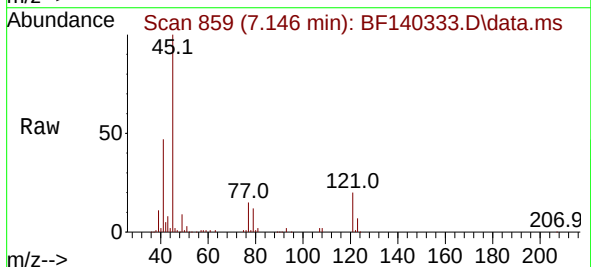
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

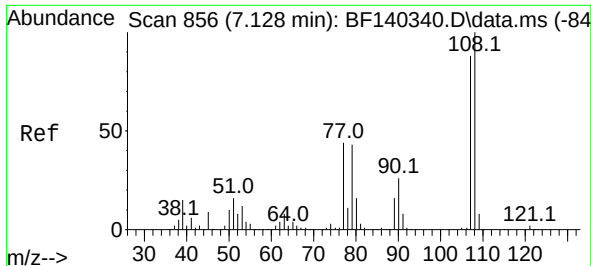
Tgt Ion:	79	Resp:	43212
Ion Ratio	Lower	Upper	
79	100		
108	76.1	57.8	86.6
77	63.0	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.441 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:	45	Resp:	70257
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	34.8
79	11.6	0.0	31.4

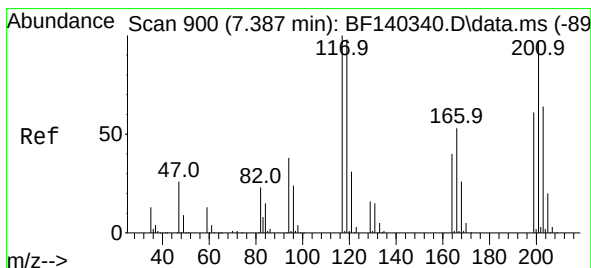
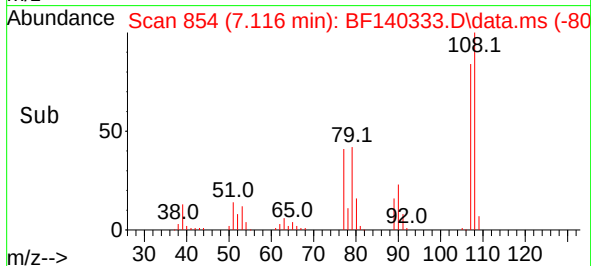
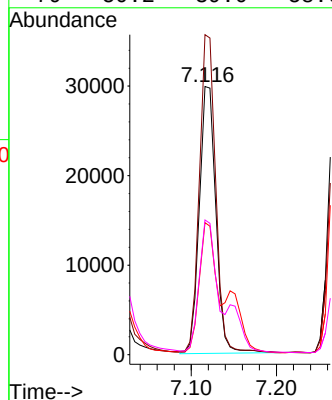
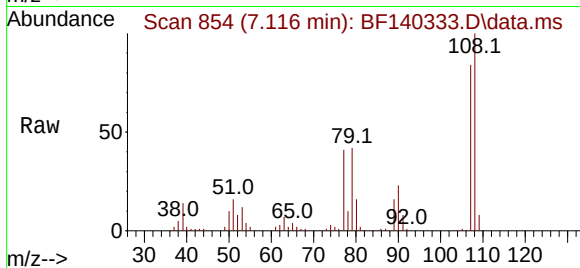




#17
2-Methylphenol
Concen: 5.274 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

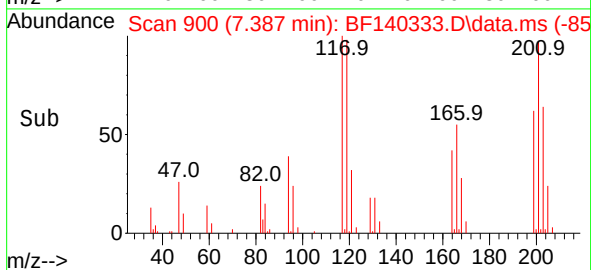
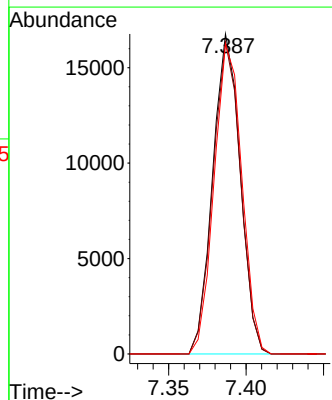
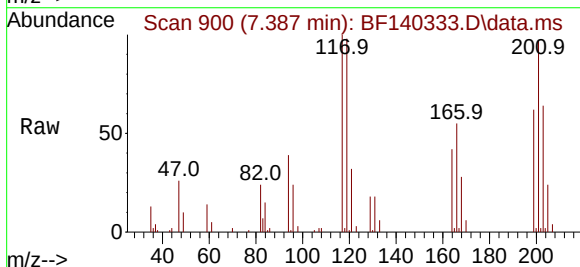
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

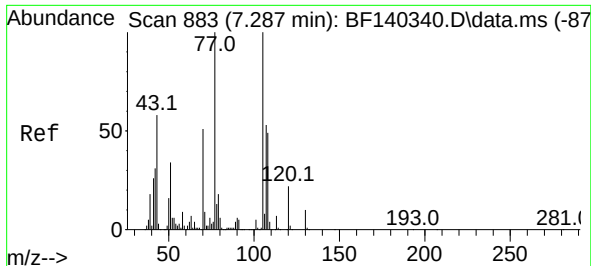
Tgt Ion:	107	Resp:	40243
Ion	Ratio	Lower	Upper
107	100		
108	119.3	91.9	137.9
77	49.2	39.7	59.5
79	50.2	39.0	58.6



#18
Hexachloroethane
Concen: 5.396 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:	117	Resp:	20701
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.9	115.3
201	96.8	80.2	120.4





#19

n-Nitroso-di-n-propylamine

Concen: 5.366 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 37919

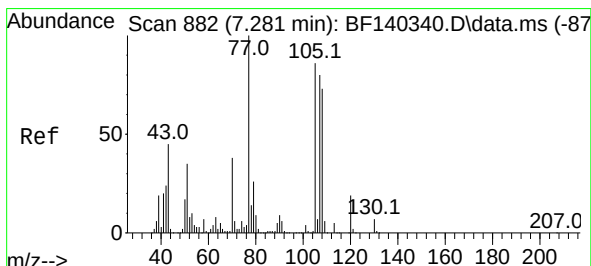
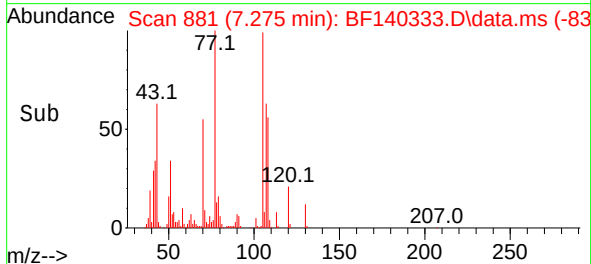
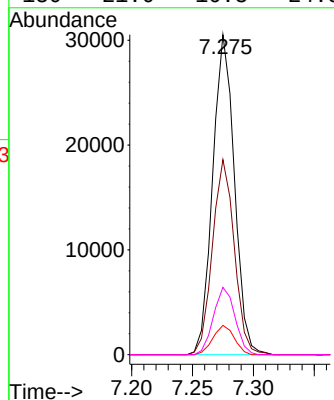
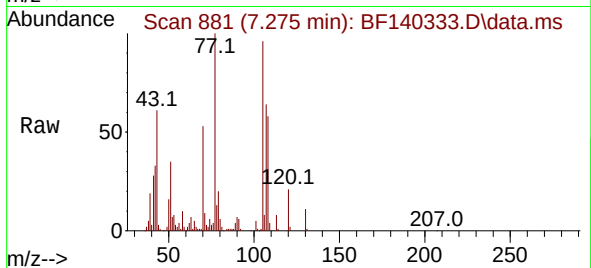
Ion Ratio Lower Upper

70 100

42 61.0 46.8 70.2

101 9.1 7.5 11.3

130 21.0 16.3 24.5



#20

3+4-Methylphenols

Concen: 5.548 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion: 107 Resp: 52942

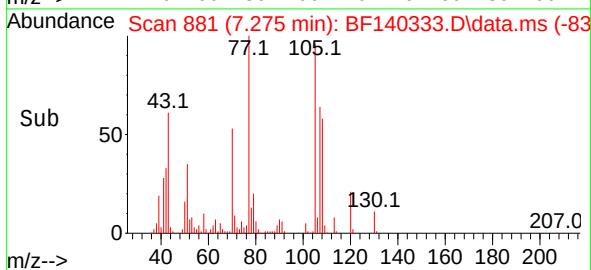
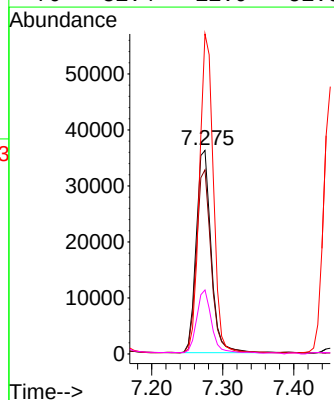
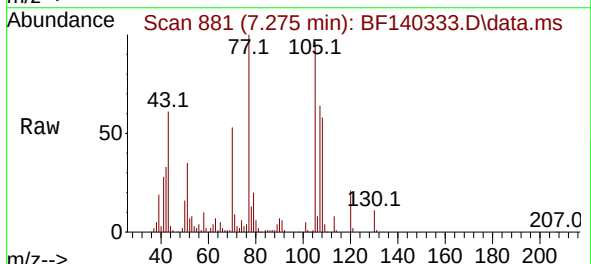
Ion Ratio Lower Upper

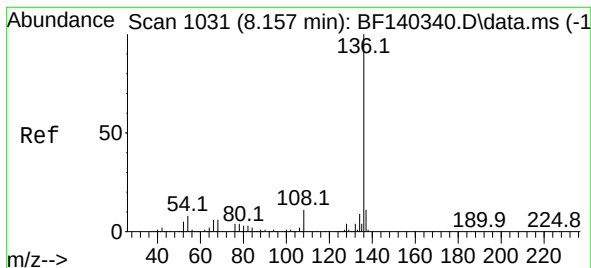
107 100

108 90.5 71.4 111.4

77 157.2 97.0 137.0#

79 31.4 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 561082

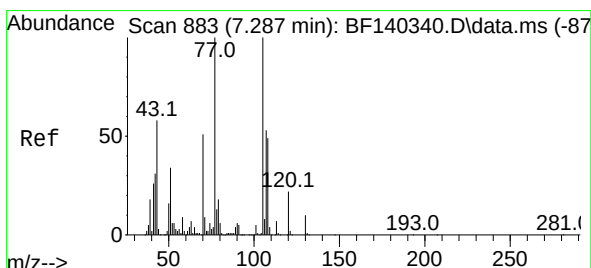
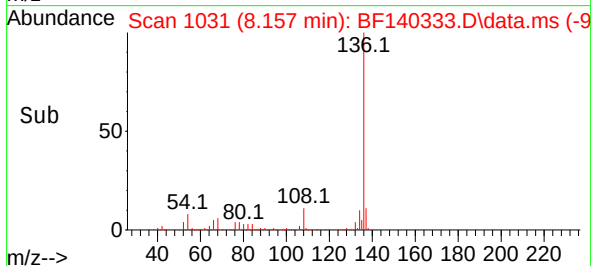
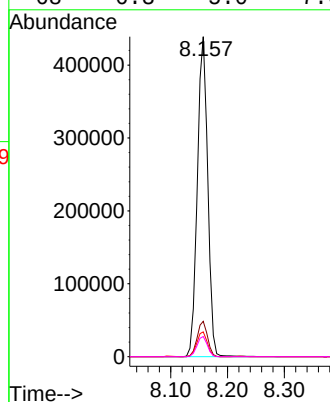
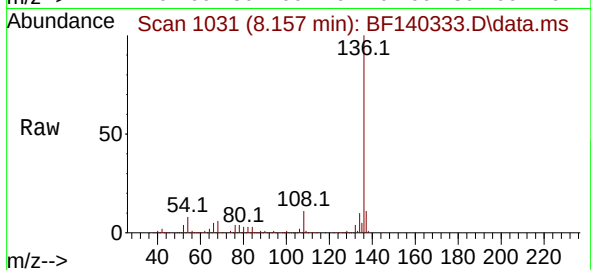
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.8 6.5 9.7

68 6.3 5.0 7.6



#22

Acetophenone

Concen: 5.720 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:105 Resp: 74642

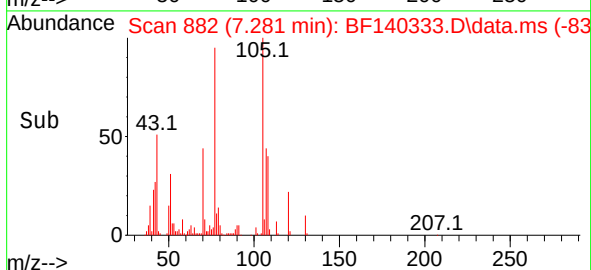
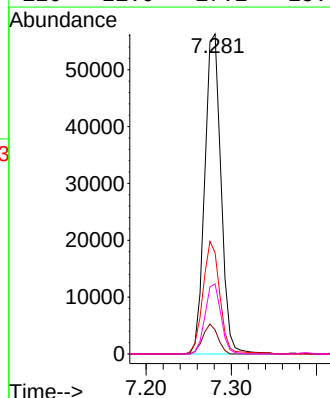
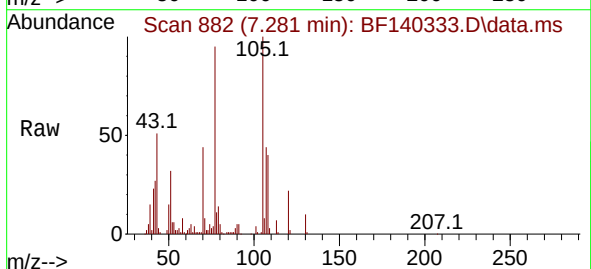
Ion Ratio Lower Upper

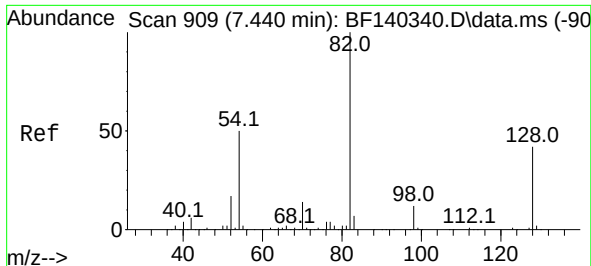
105 100

71 7.5 6.9 10.3

51 31.7 28.6 43.0

120 21.9 17.2 25.8





#23

Nitrobenzene-d5

Concen: 10.706 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

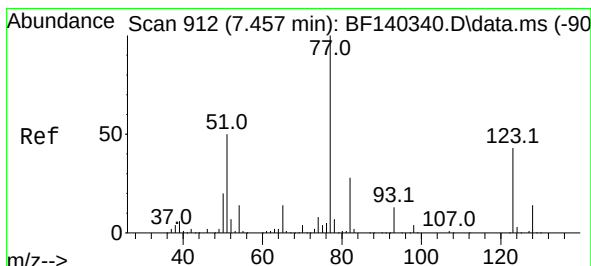
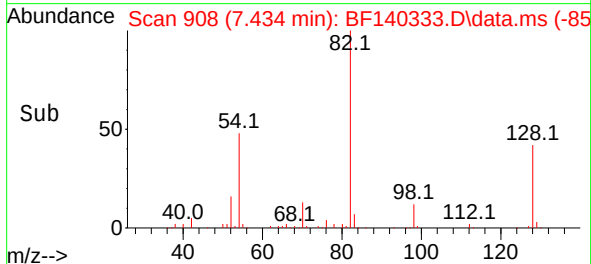
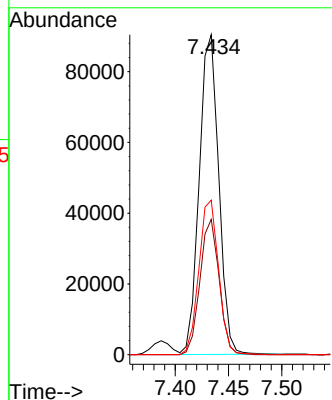
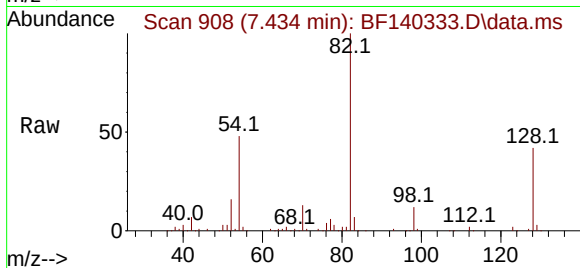
Tgt Ion: 82 Resp: 115292

Ion Ratio Lower Upper

82 100

128 42.3 33.3 49.9

54 48.3 39.8 59.8



#24

Nitrobenzene

Concen: 5.297 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

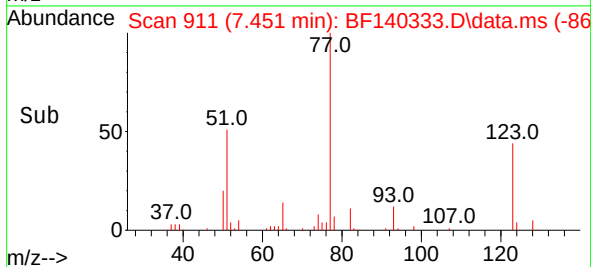
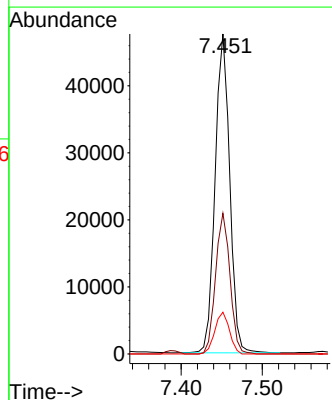
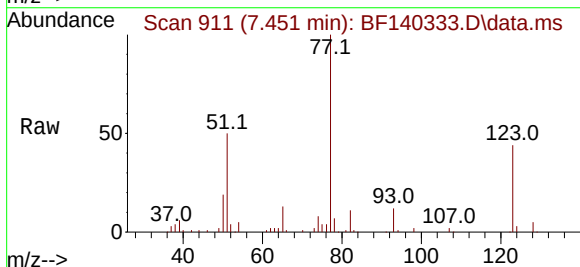
Tgt Ion: 77 Resp: 59394

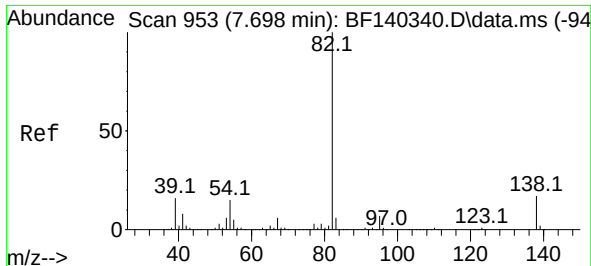
Ion Ratio Lower Upper

77 100

123 44.0 35.4 53.0

65 13.1 11.1 16.7

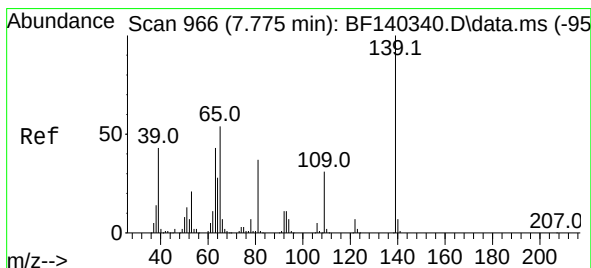
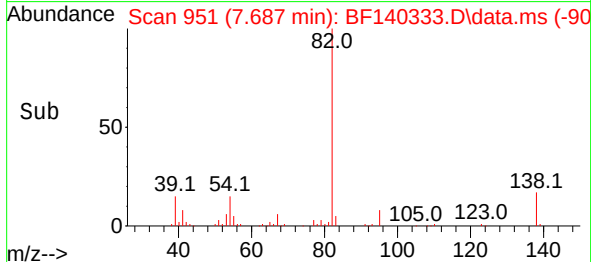
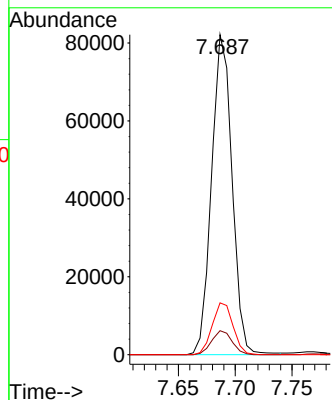
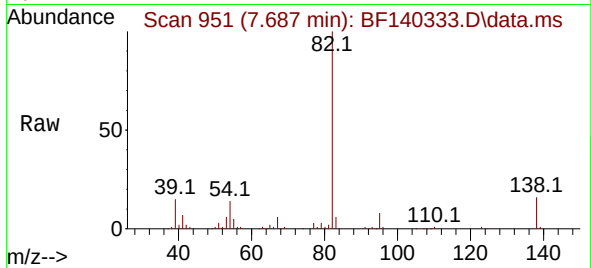




#25
Isophorone
Concen: 5.409 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

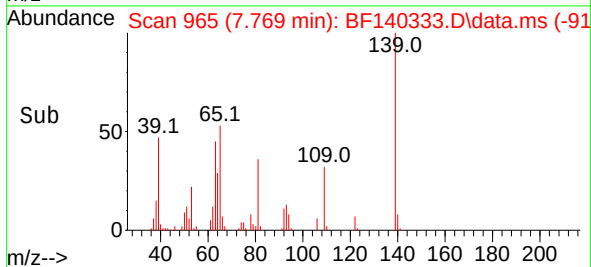
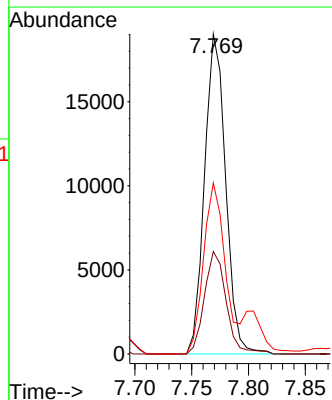
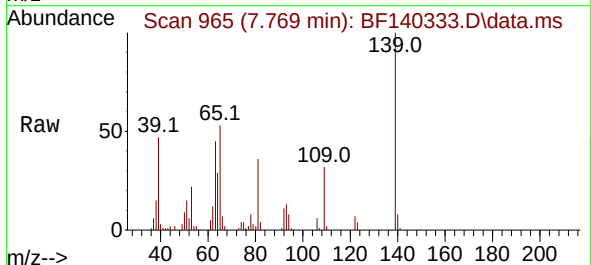
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

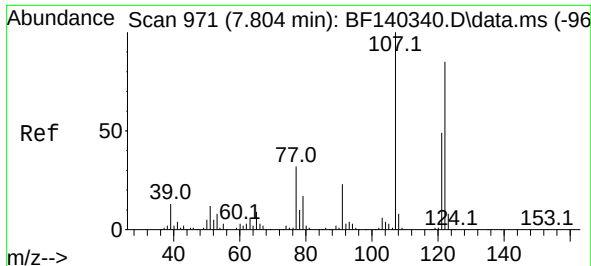
Tgt Ion: 82 Resp: 103224
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 16.2 13.4 20.2



#26
2-Nitrophenol
Concen: 4.939 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion: 139 Resp: 24576
Ion Ratio Lower Upper
139 100
109 32.0 24.4 36.6
65 53.5 42.8 64.2

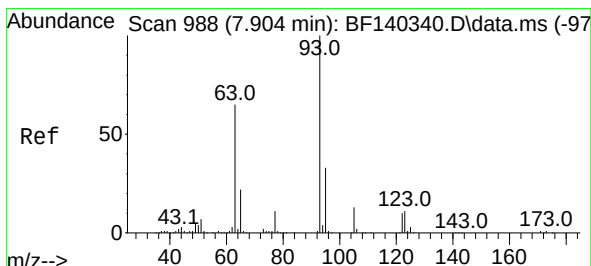
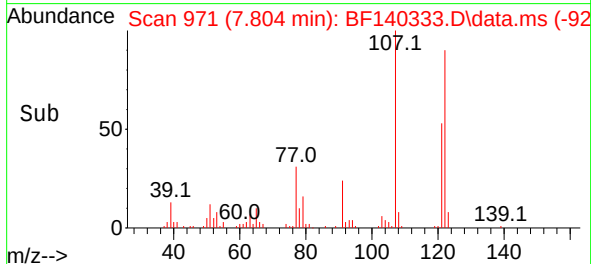
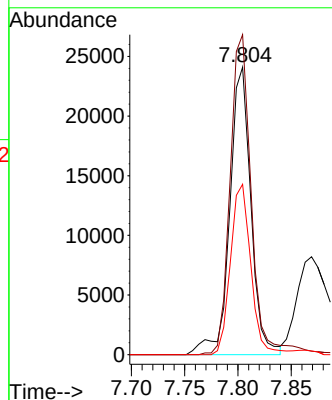
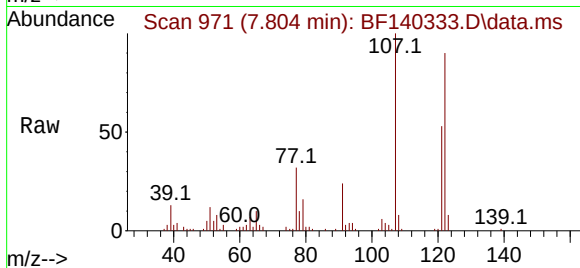




#27
2,4-Dimethylphenol
Concen: 5.237 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

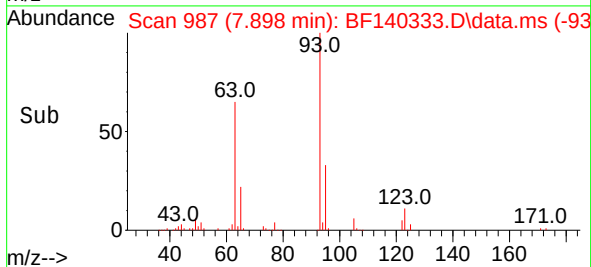
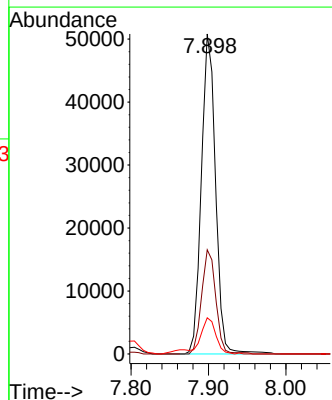
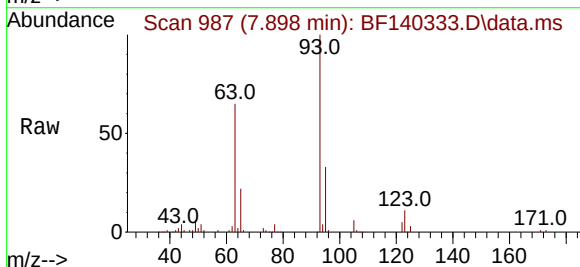
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

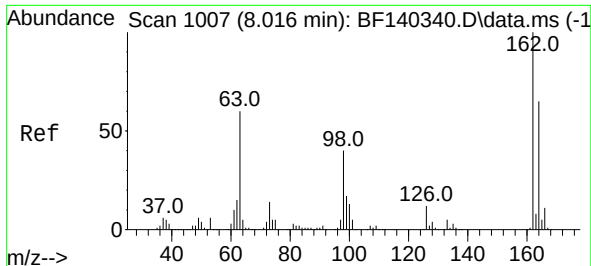
Tgt Ion:122 Resp: 33358
Ion Ratio Lower Upper
122 100
107 111.3 91.3 136.9
121 59.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 5.526 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion: 93 Resp: 64672
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.3 9.2 13.8

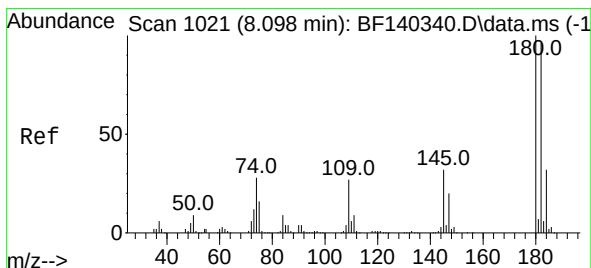
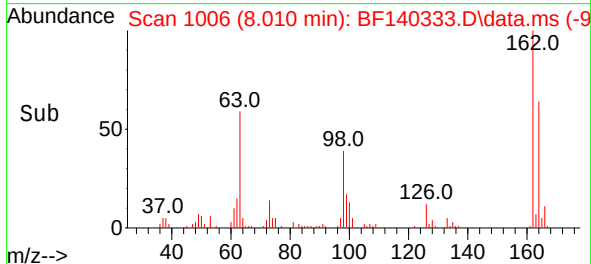
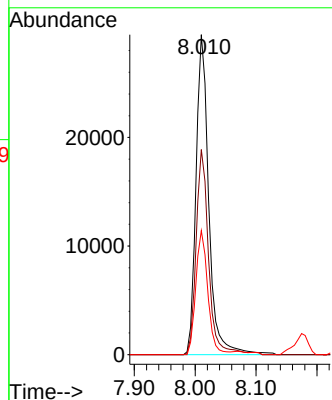
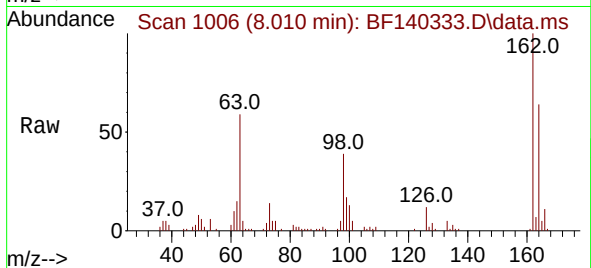




#29
2,4-Dichlorophenol
Concen: 5.472 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

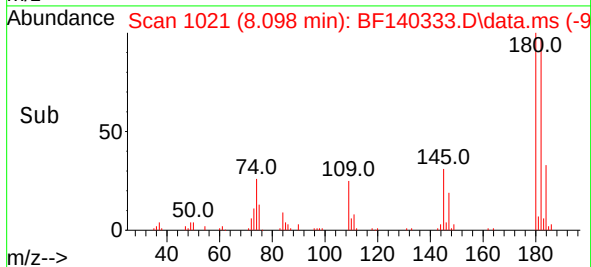
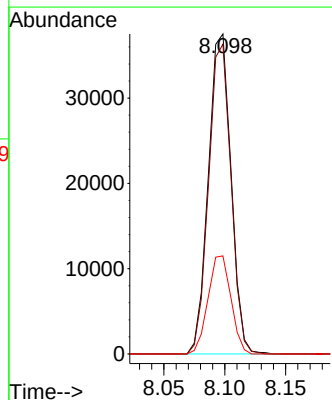
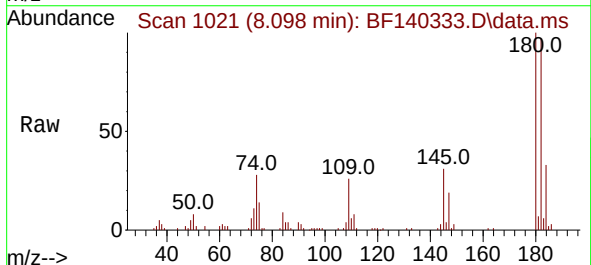
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

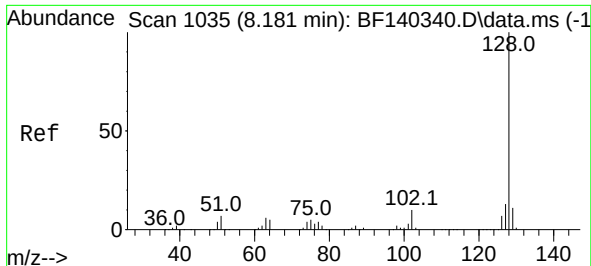
Tgt Ion:162 Resp: 43077
Ion Ratio Lower Upper
162 100
164 64.1 45.4 85.4
98 38.8 19.9 59.9



#30
1,2,4-Trichlorobenzene
Concen: 5.545 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:180 Resp: 48599
Ion Ratio Lower Upper
180 100
182 96.8 76.5 114.7
145 30.7 25.3 37.9

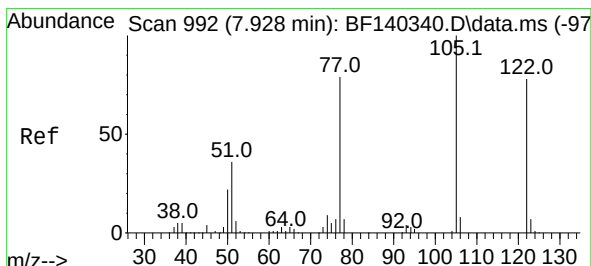
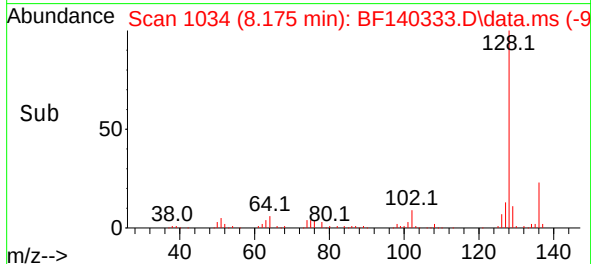
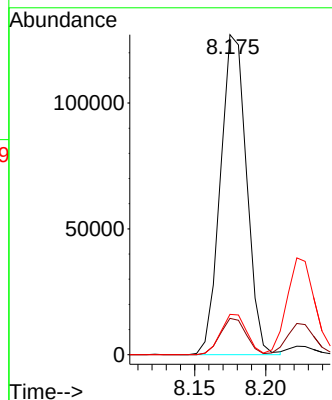
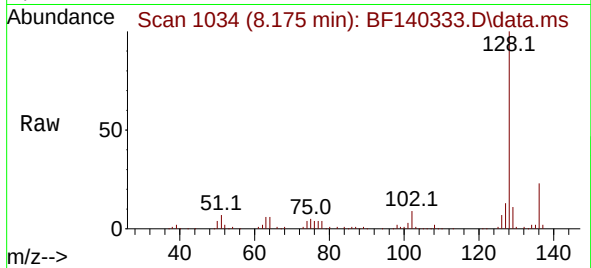




#31
Naphthalene
Concen: 5.717 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

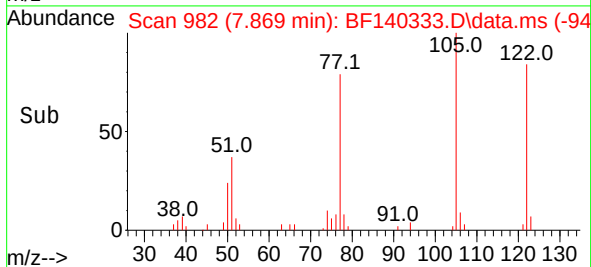
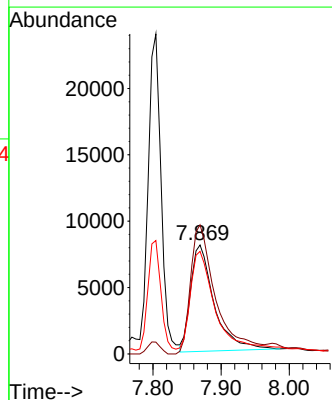
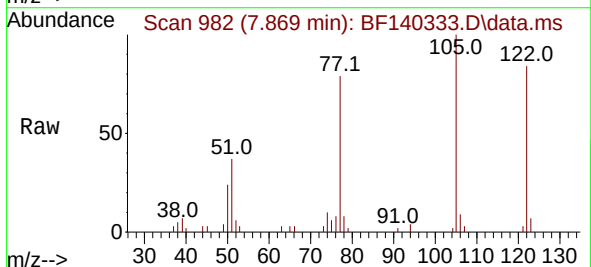
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

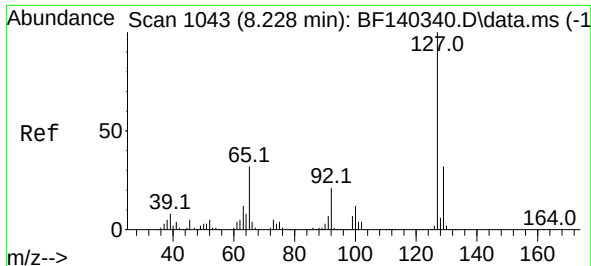
Tgt Ion:128 Resp: 162710
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.6 10.6 15.8



#32
Benzoic acid
Concen: 3.443 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.059 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:122 Resp: 19264
Ion Ratio Lower Upper
122 100
105 118.6 100.9 140.9
77 94.1 76.0 116.0





#33

4-Chloroaniline

Concen: 5.529 ng

RT: 8.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:127 Resp: 54728

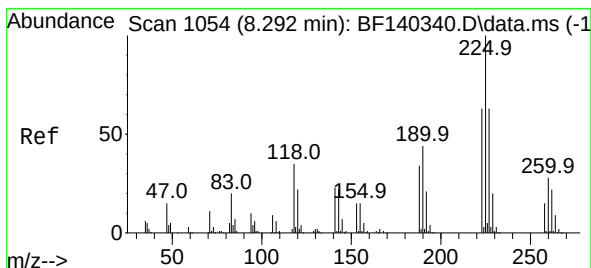
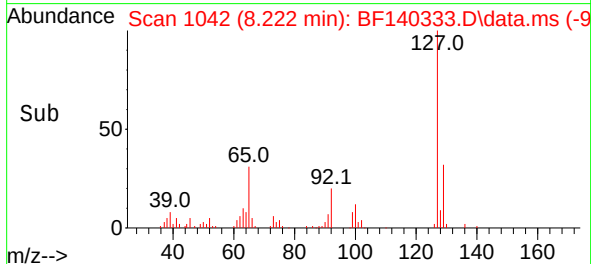
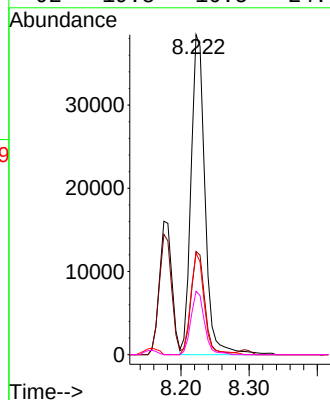
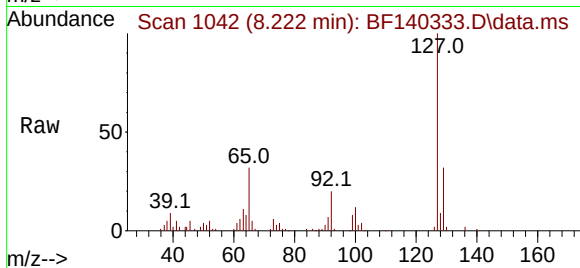
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.4

65 31.8 25.8 38.6

92 19.8 16.5 24.7



#34

Hexachlorobutadiene

Concen: 5.519 ng

RT: 8.293 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

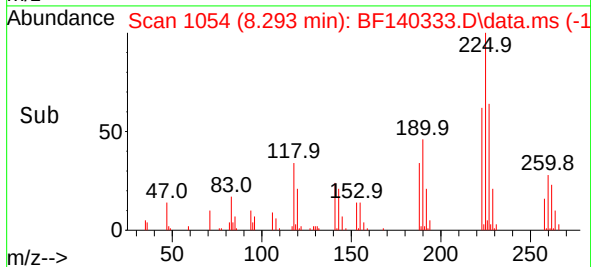
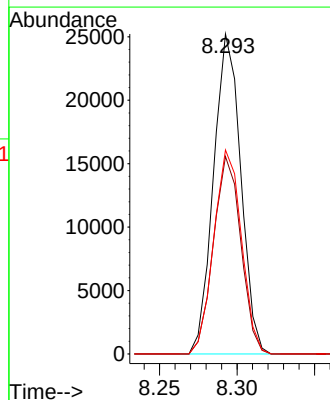
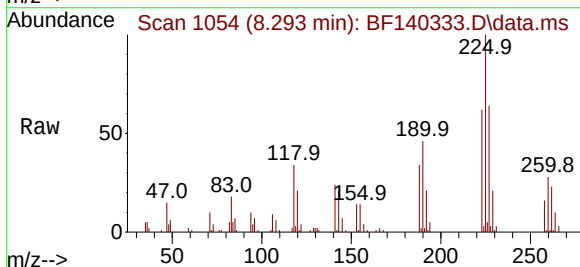
Tgt Ion:225 Resp: 30821

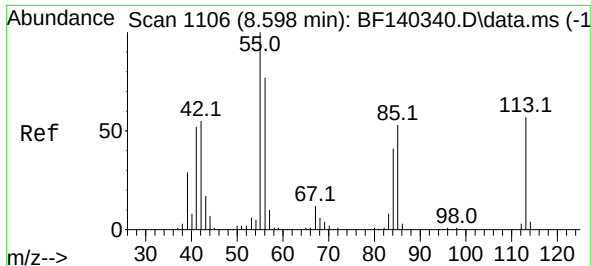
Ion Ratio Lower Upper

225 100

223 61.7 50.1 75.1

227 63.8 51.3 76.9





#35

Caprolactam

Concen: 5.217 ng

RT: 8.551 min Scan# 1106

Delta R.T. -0.047 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

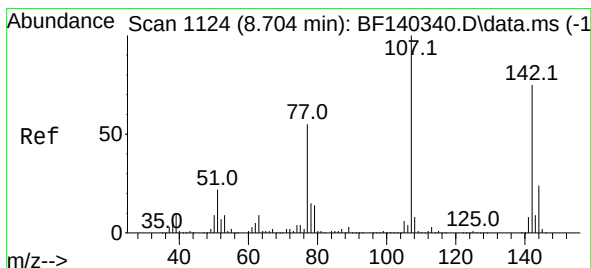
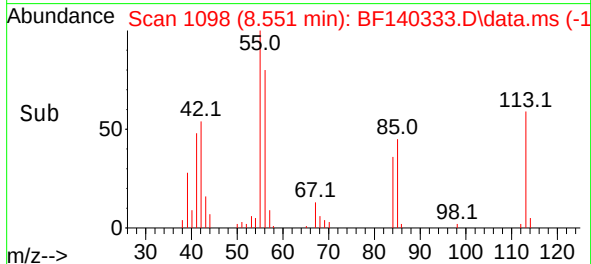
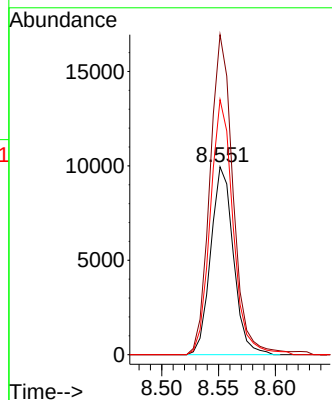
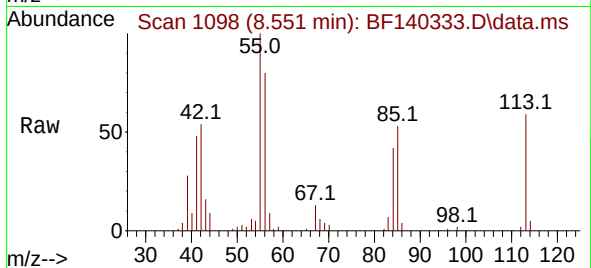
Tgt Ion:113 Resp: 13807

Ion Ratio Lower Upper

113 100

55 170.3 150.0 190.0

56 135.7 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 5.324 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

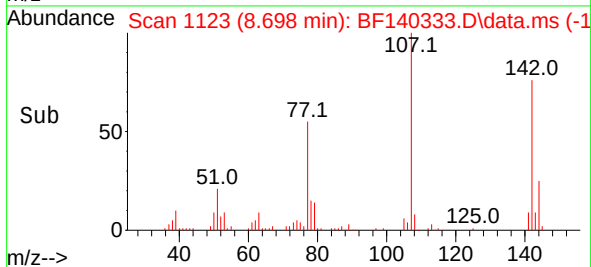
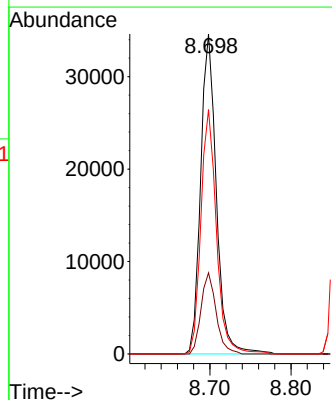
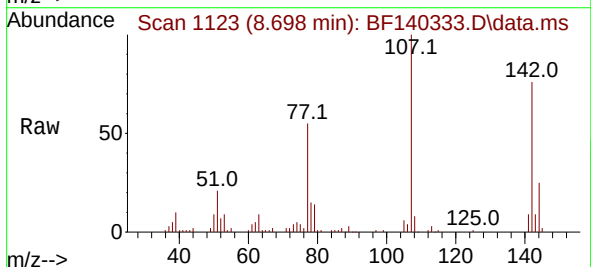
Tgt Ion:107 Resp: 46450

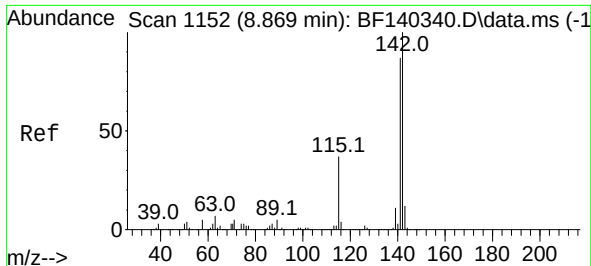
Ion Ratio Lower Upper

107 100

144 25.4 19.3 28.9

142 76.4 59.4 89.0





#37

2-Methylnaphthalene

Concen: 5.773 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

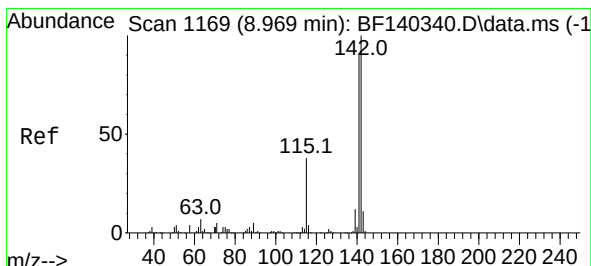
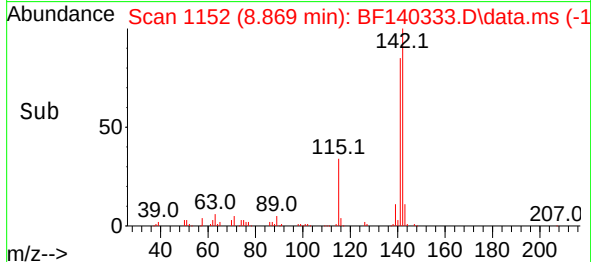
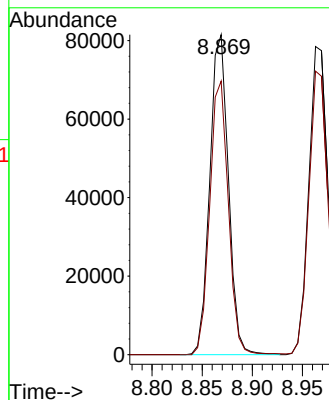
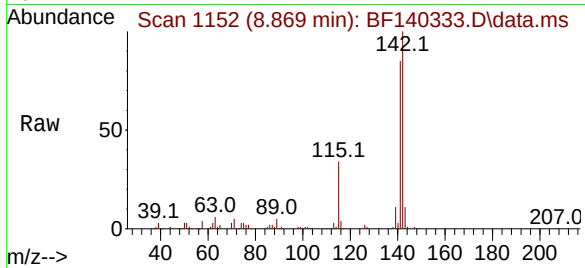
SSTDICC005

Tgt Ion:142 Resp: 105353

Ion Ratio Lower Upper

142 100

141 85.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 5.762 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140333.D

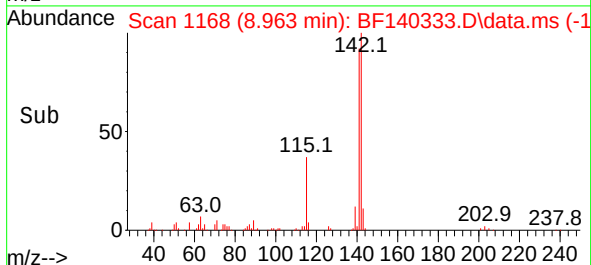
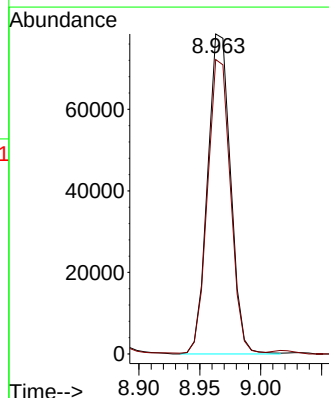
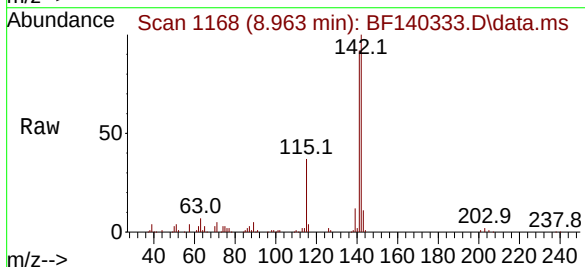
Acq: 13 Nov 2024 09:27

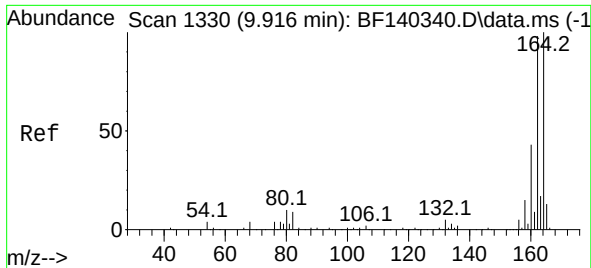
Tgt Ion:142 Resp: 102975

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

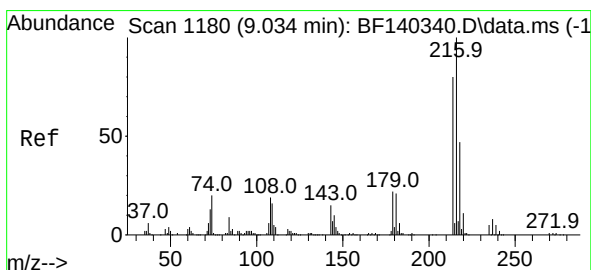
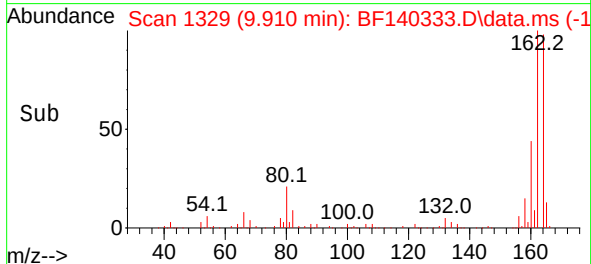
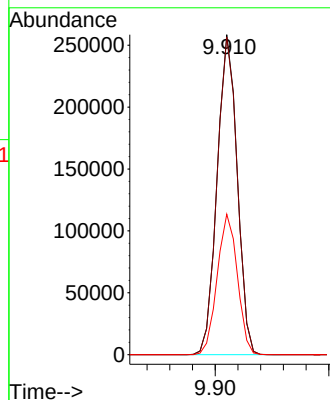
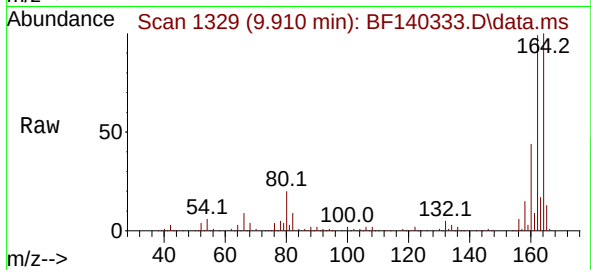
Tgt Ion:164 Resp: 317345

Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.8

160 43.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.841 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:216 Resp: 51260

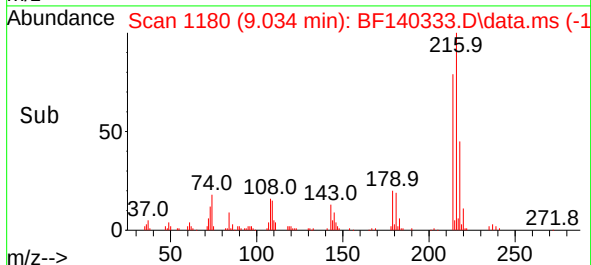
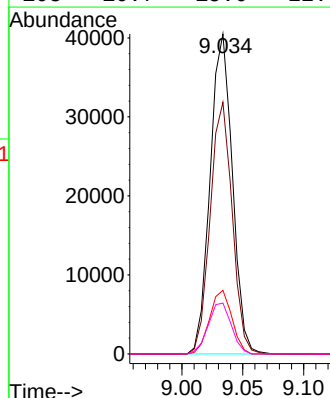
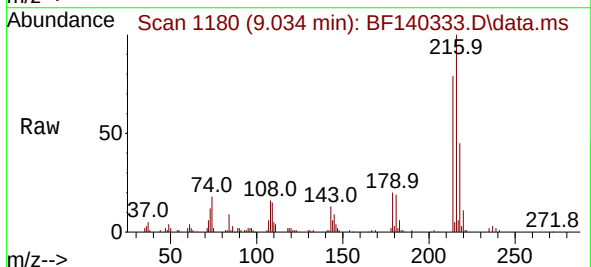
Ion Ratio Lower Upper

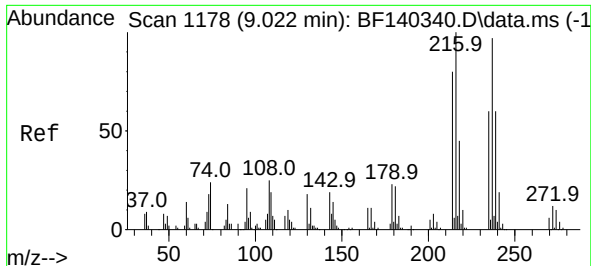
216 100

214 77.8 63.2 94.8

179 19.9 17.2 25.8

108 16.7 15.0 22.4

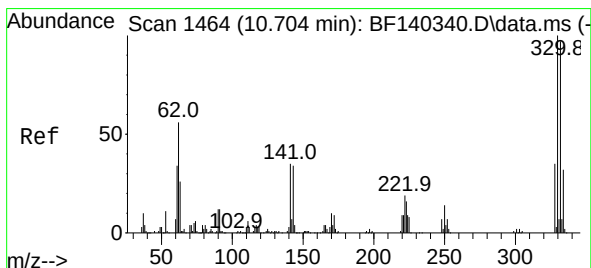
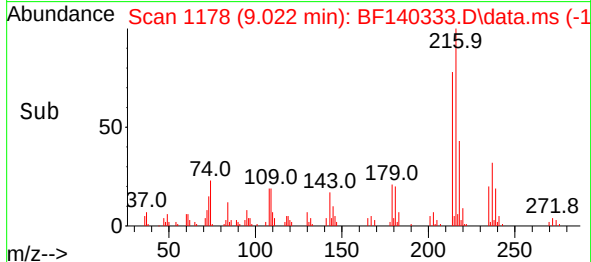
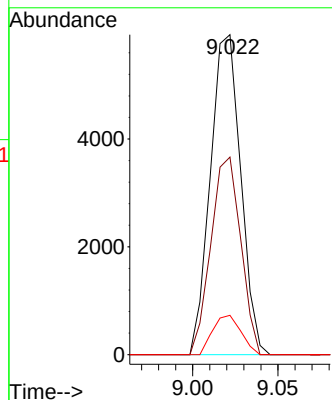
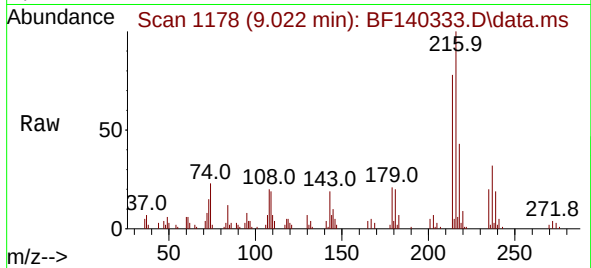




#41
Hexachlorocyclopentadiene
Concen: 3.261 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

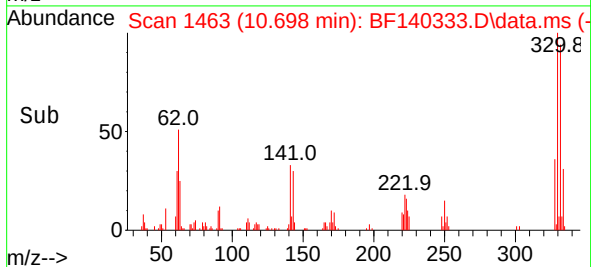
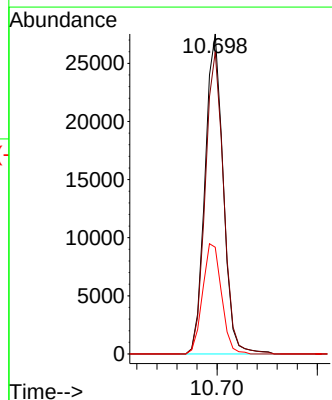
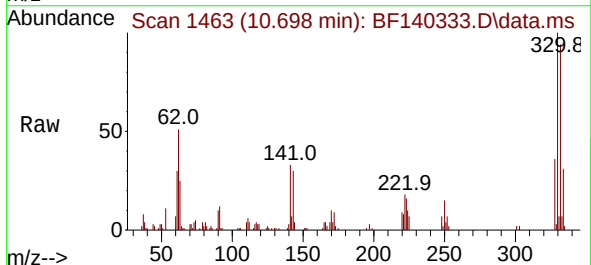
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

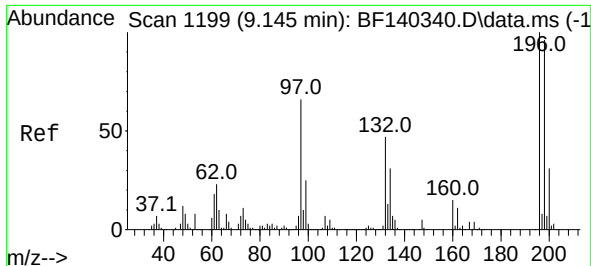
Tgt Ion:237	Resp:	7348
Ion Ratio	Lower	Upper
237	100	
235	61.8	42.8 82.8
272	12.3	0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 11.056 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:330	Resp:	34890
Ion Ratio	Lower	Upper
330	100	
332	95.2	75.9 113.9
141	35.6	26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 5.239 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

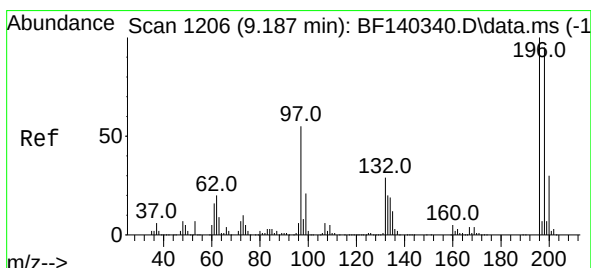
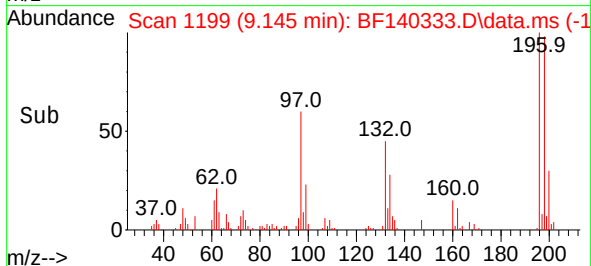
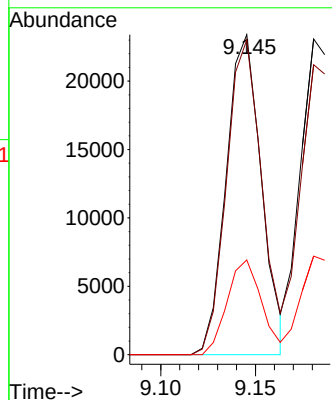
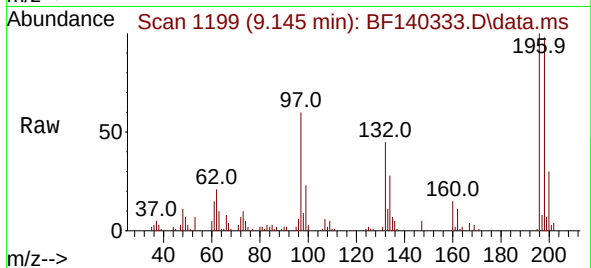
Tgt Ion:196 Resp: 30173

Ion Ratio Lower Upper

196 100

198 98.4 77.0 115.4

200 29.6 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 5.310 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Tgt Ion:196 Resp: 33434

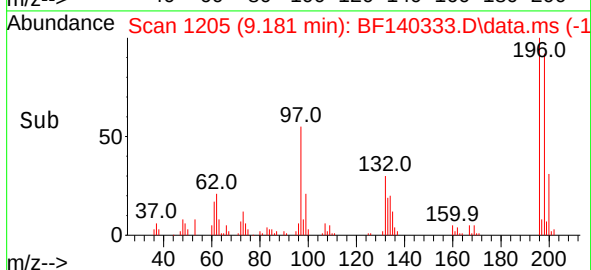
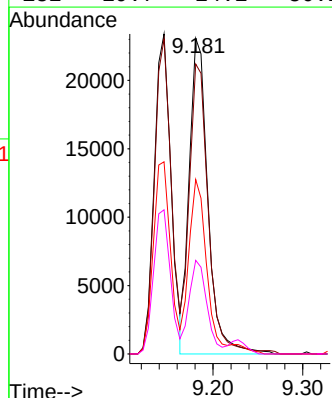
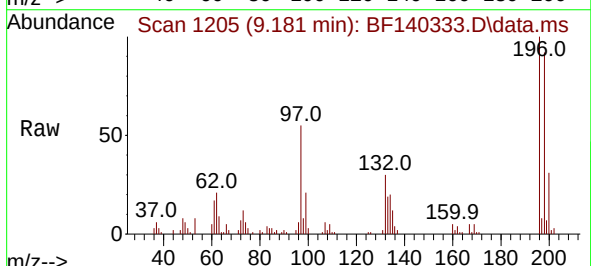
Ion Ratio Lower Upper

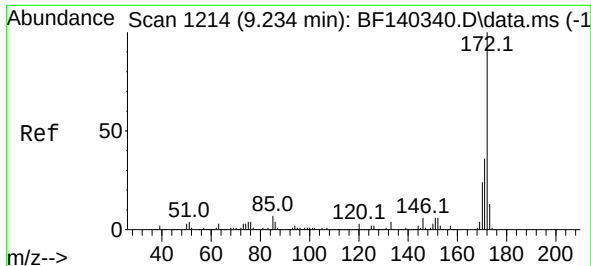
196 100

198 91.9 77.6 116.4

97 55.3 45.4 68.2

132 29.7 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 12.246 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

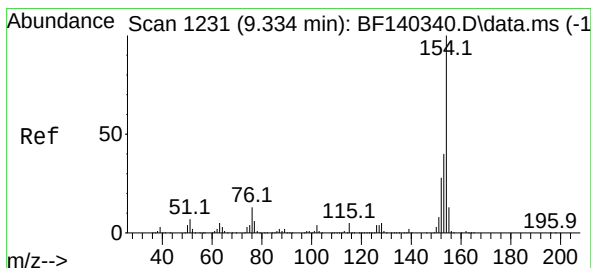
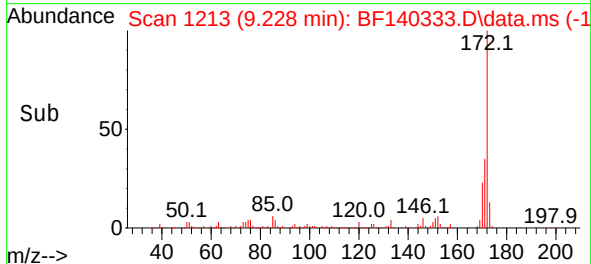
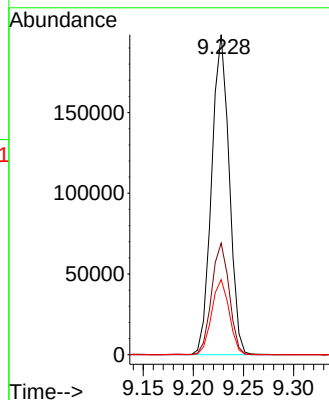
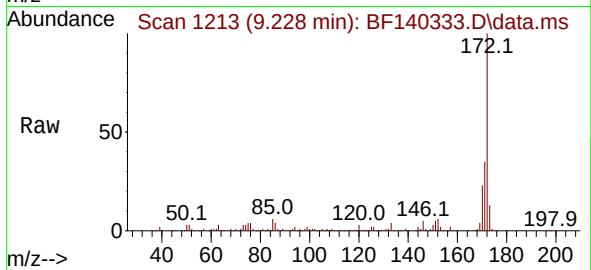
Tgt Ion:172 Resp: 241751

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 5.808 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

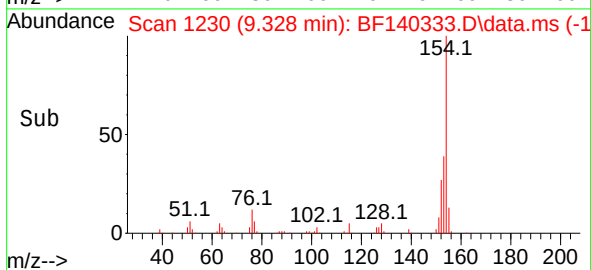
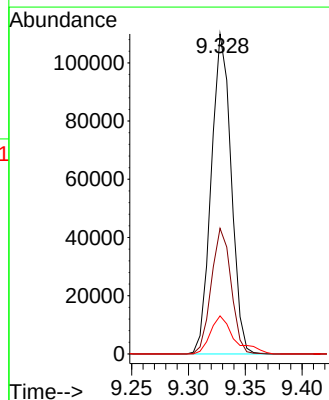
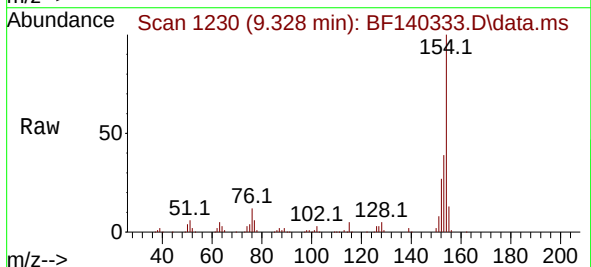
Tgt Ion:154 Resp: 134098

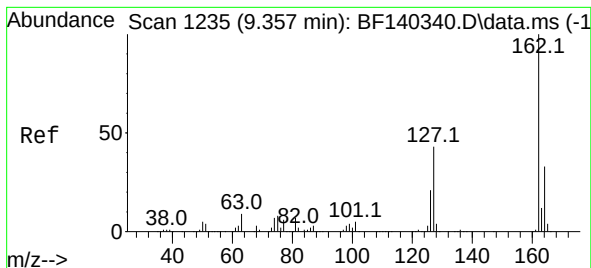
Ion Ratio Lower Upper

154 100

153 39.3 20.4 60.4

76 11.9 0.0 32.9





#47

2-Chloronaphthalene

Concen: 5.768 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

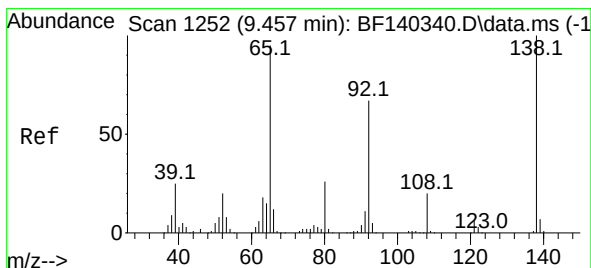
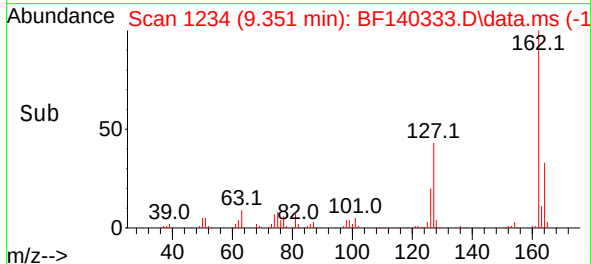
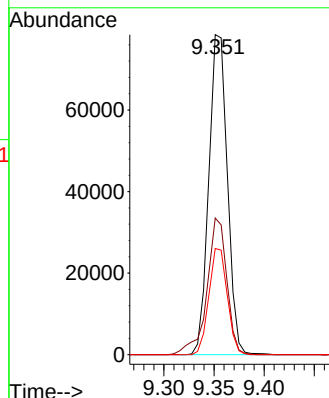
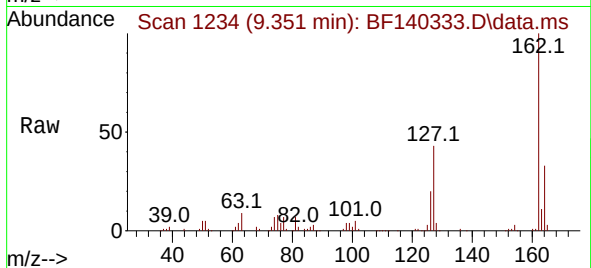
Tgt Ion:162 Resp: 101447

Ion Ratio Lower Upper

162 100

127 42.7 34.0 51.0

164 33.2 26.5 39.7



#48

2-Nitroaniline

Concen: 5.143 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

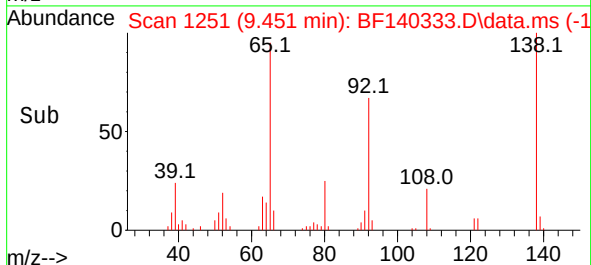
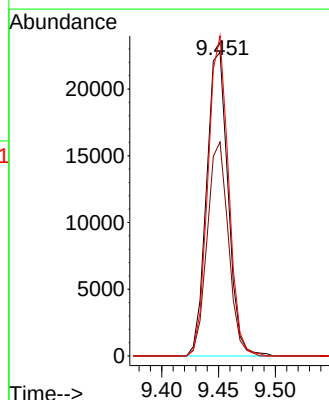
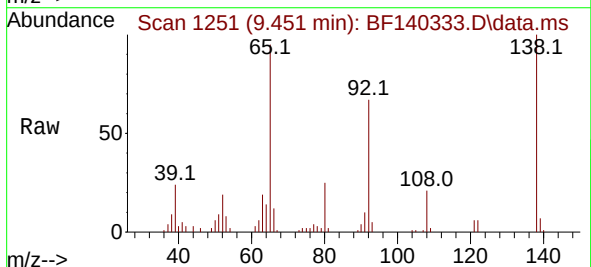
Tgt Ion: 65 Resp: 29995

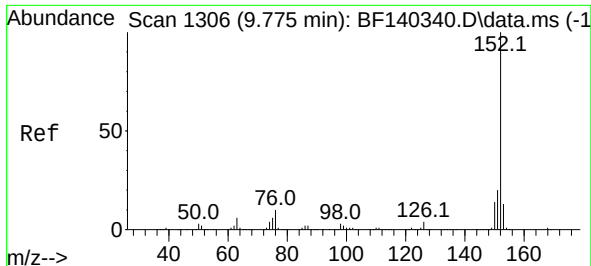
Ion Ratio Lower Upper

65 100

92 70.4 56.4 84.6

138 105.3 84.8 127.2





#49

Acenaphthylene

Concen: 5.783 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

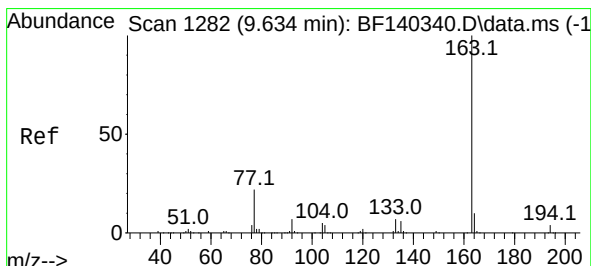
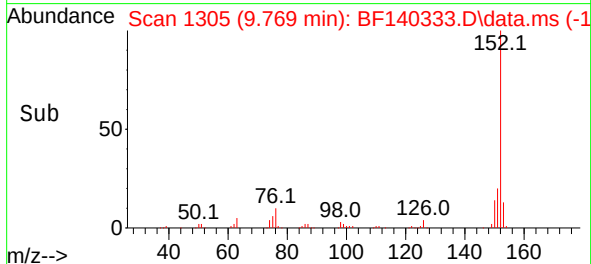
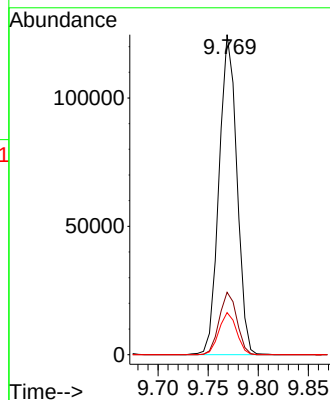
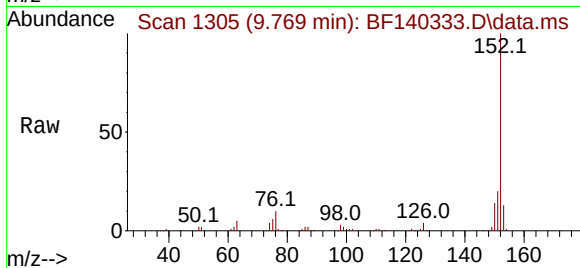
Tgt Ion:152 Resp: 153886

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 5.614 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

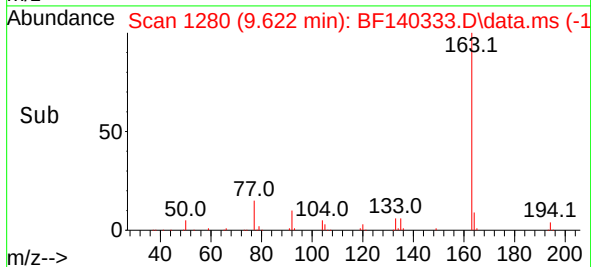
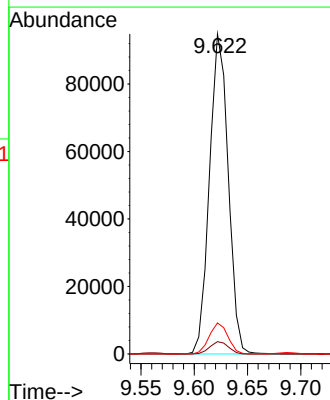
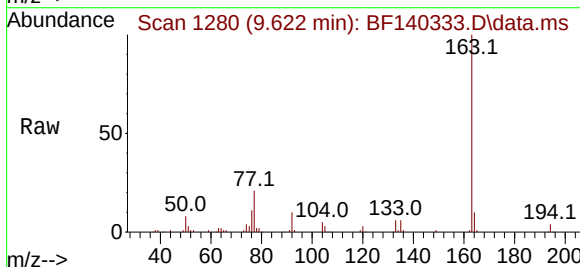
Tgt Ion:163 Resp: 116132

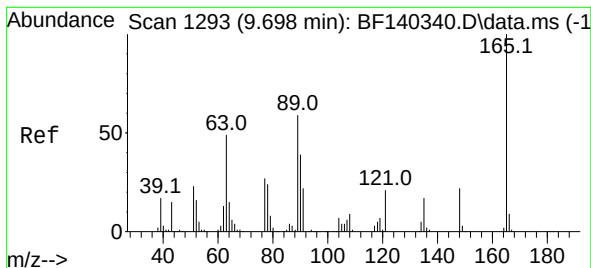
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.7 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 5.341 ng

RT: 9.687 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

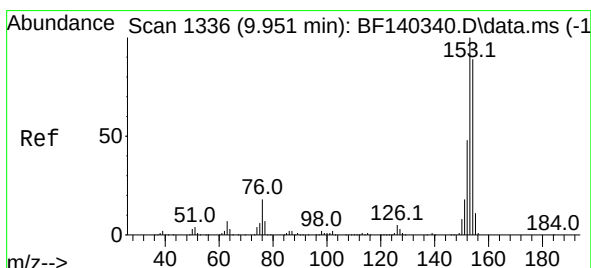
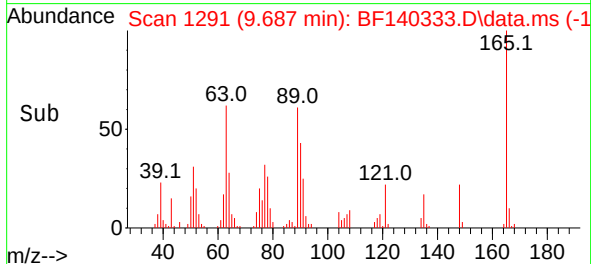
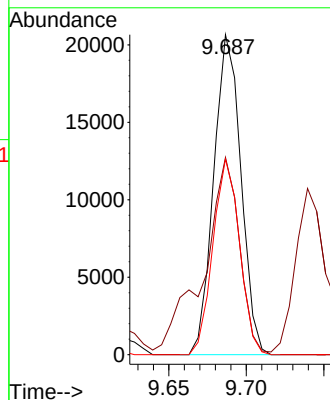
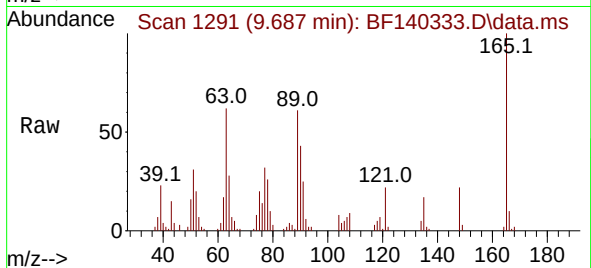
Tgt Ion:165 Resp: 25188

Ion Ratio Lower Upper

165 100

63 61.6 47.6 71.4

89 61.1 48.1 72.1



#52

Acenaphthene

Concen: 5.559 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

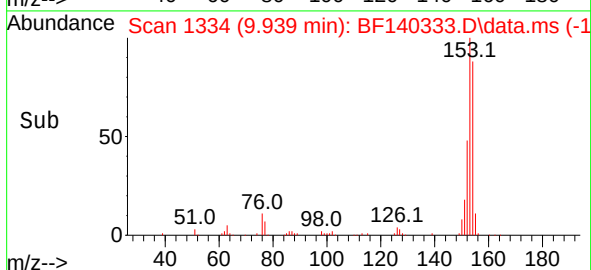
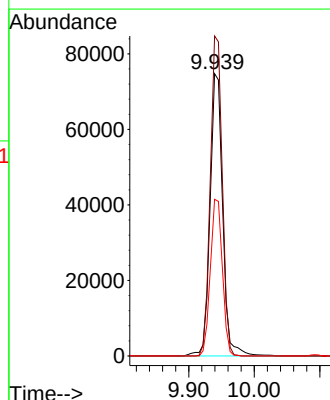
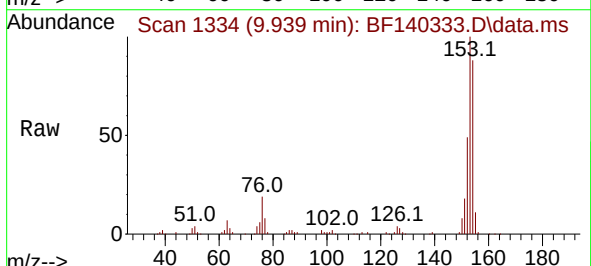
Tgt Ion:154 Resp: 99899

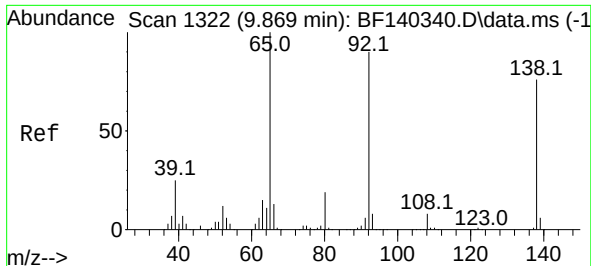
Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.8

152 55.5 42.6 64.0



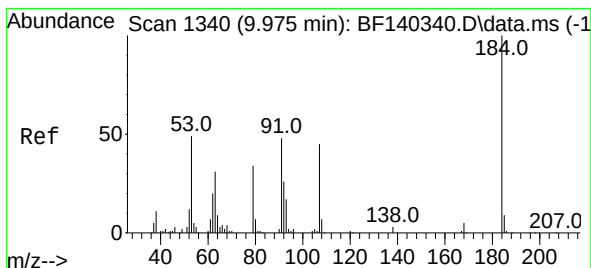
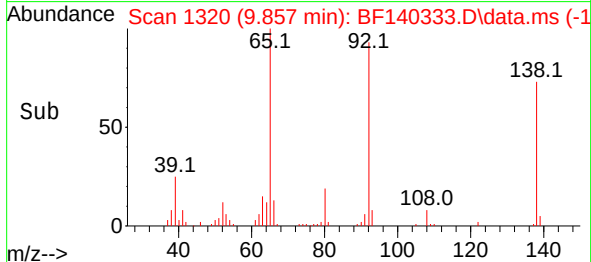
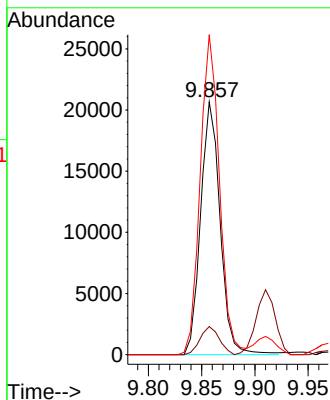
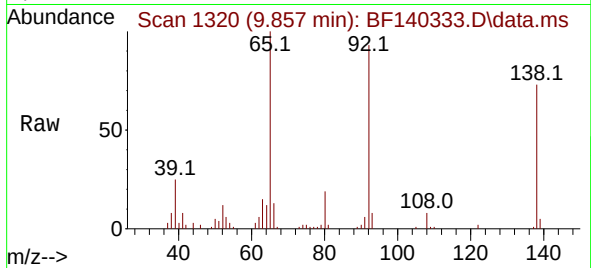


#53
3-Nitroaniline
Concen: 5.332 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 26407

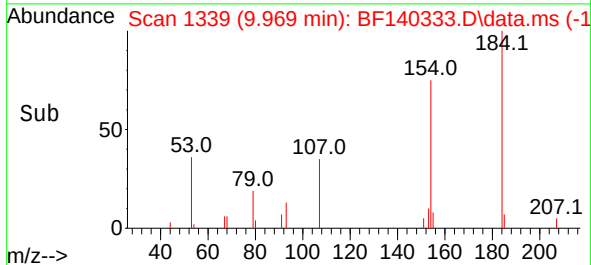
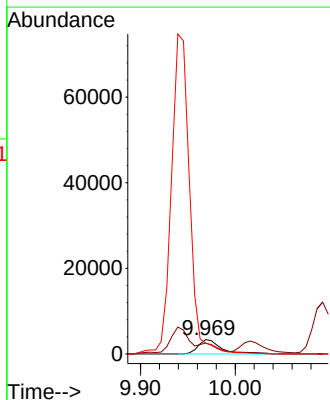
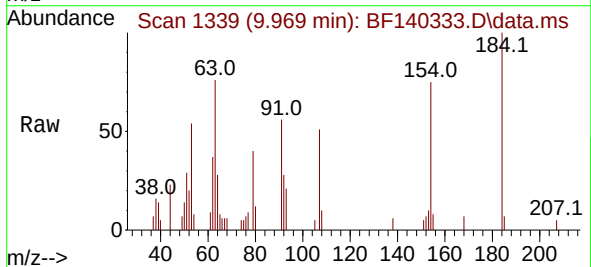
Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.4	12.6
92	126.5	95.5	143.3

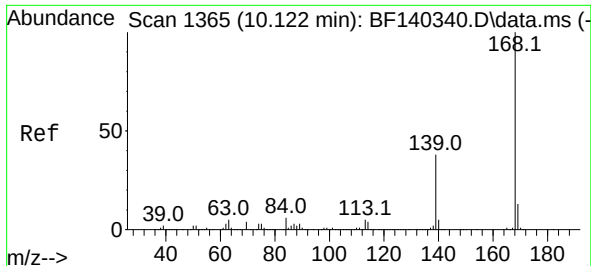


#54
2,4-Dinitrophenol
Concen: 2.353 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:184 Resp: 5722

Ion	Ratio	Lower	Upper
184	100		
63	75.8	53.5	80.3
154	74.6	51.3	76.9





#55

Dibenzenofuran

Concen: 5.937 ng

RT: 10.116 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

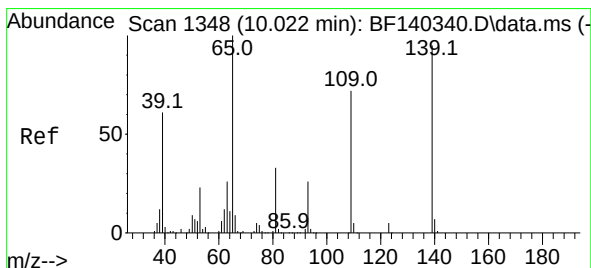
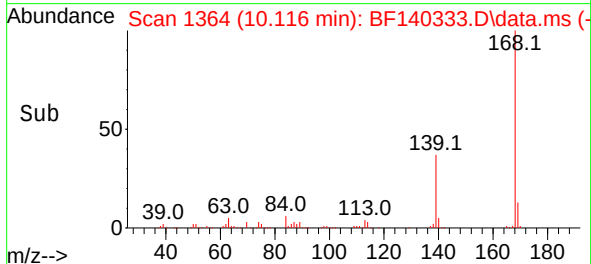
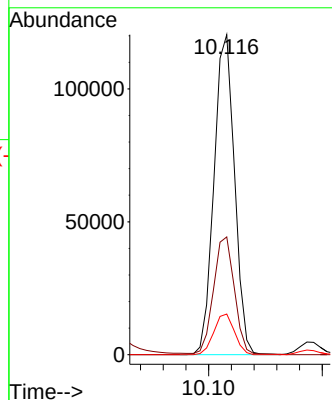
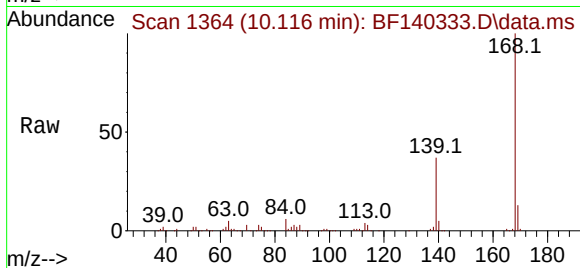
Tgt Ion:168 Resp: 151058

Ion Ratio Lower Upper

168 100

139 36.8 30.8 46.2

169 12.7 10.8 16.2



#56

4-Nitrophenol

Concen: 4.374 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

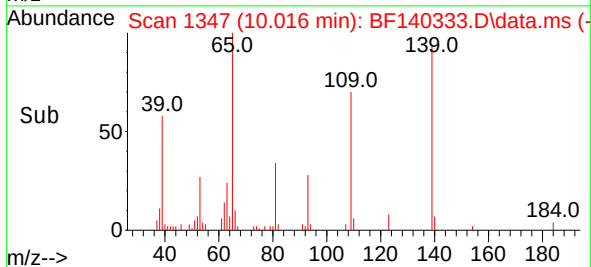
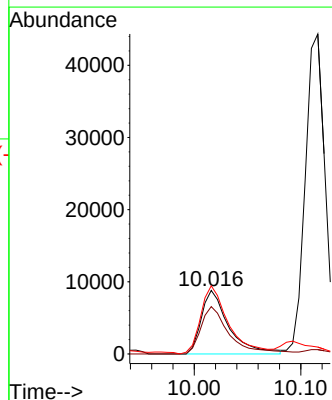
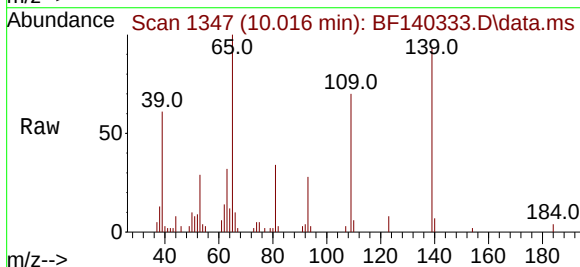
Tgt Ion:139 Resp: 15801

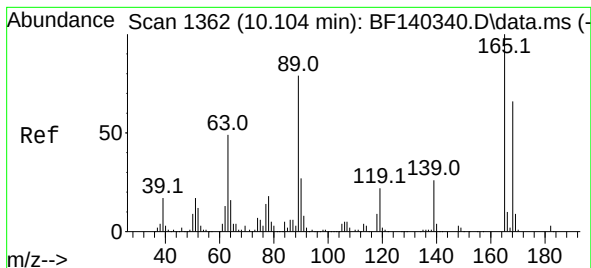
Ion Ratio Lower Upper

139 100

109 74.7 54.5 94.5

65 107.3 84.4 124.4

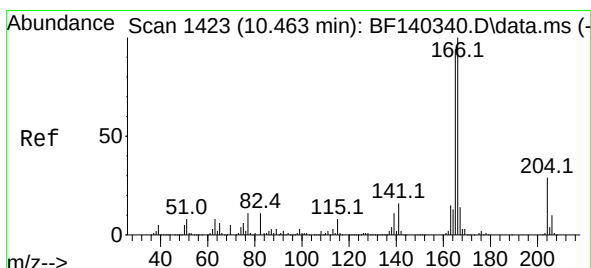
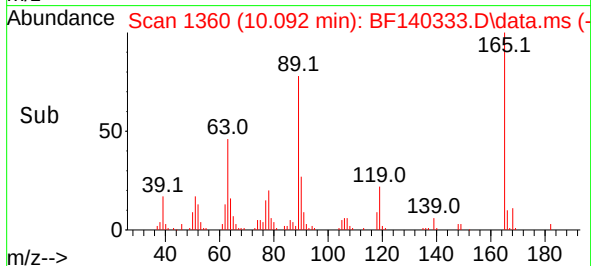
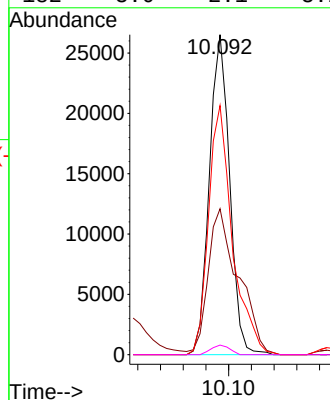
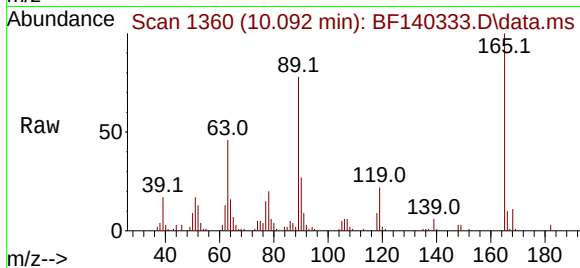




#57
2,4-Dinitrotoluene
Concen: 5.297 ng
RT: 10.092 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

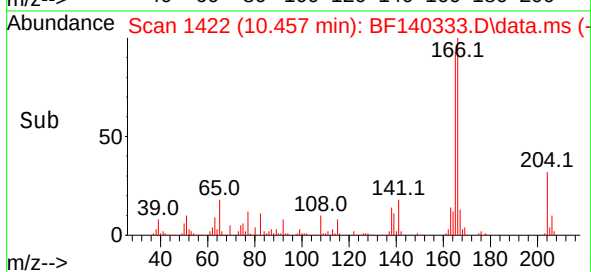
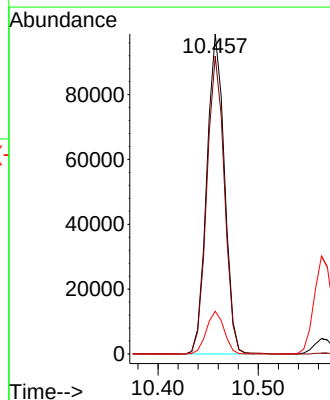
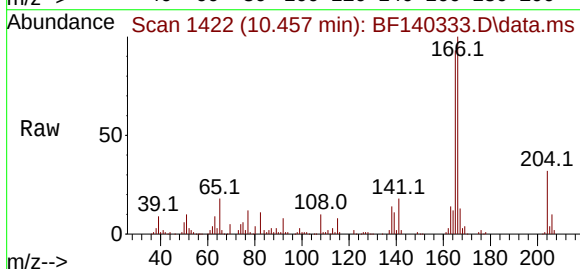
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

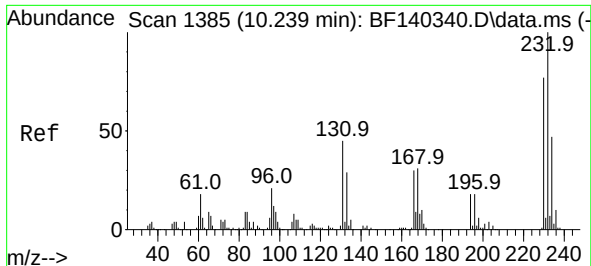
Tgt Ion:165	Resp:	32877
Ion Ratio	Lower	Upper
165	100	
63	45.6	39.4 59.0
89	77.9	62.4 93.6
182	3.0	2.1 3.1



#58
Fluorene
Concen: 6.021 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:166	Resp:	121014
Ion Ratio	Lower	Upper
166	100	
165	93.1	73.9 110.9
167	13.4	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.149 ng

RT: 10.234 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:232 Resp: 25576

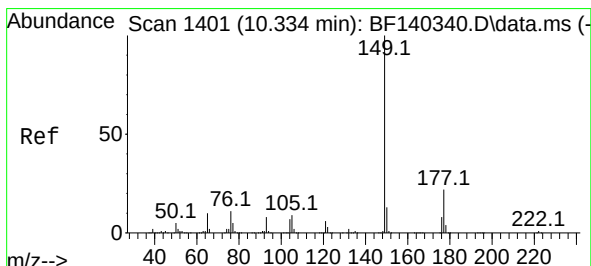
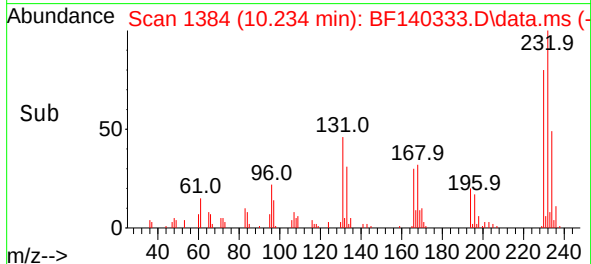
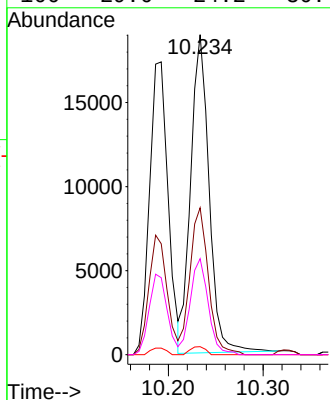
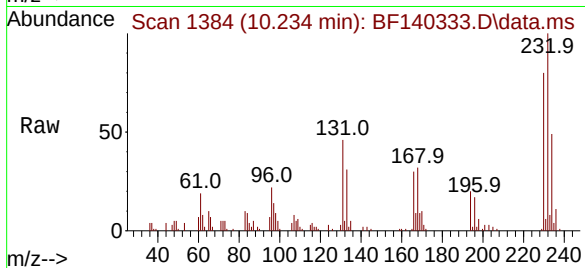
Ion Ratio Lower Upper

232 100

131 46.6 36.8 55.2

130 2.1 1.9 2.9

166 29.6 24.2 36.4



#60

Diethylphthalate

Concen: 5.720 ng

RT: 10.322 min Scan# 1399

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

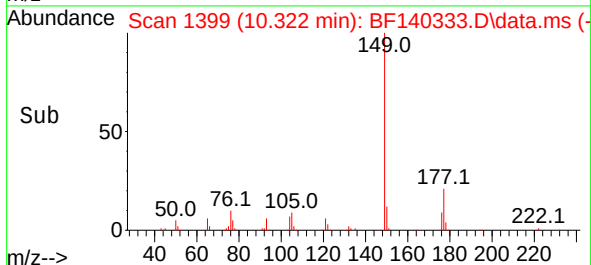
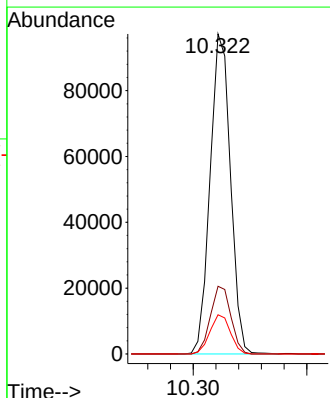
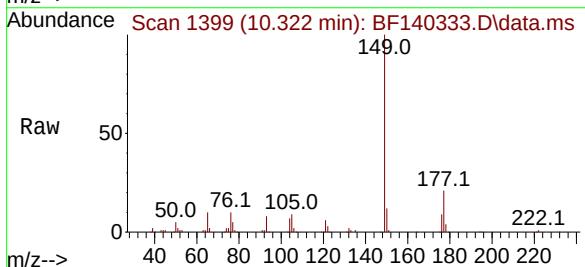
Tgt Ion:149 Resp: 120988

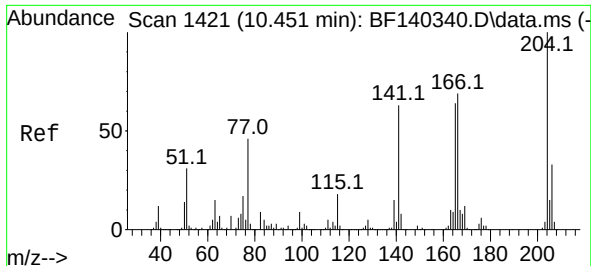
Ion Ratio Lower Upper

149 100

177 21.2 17.5 26.3

150 12.3 10.1 15.1

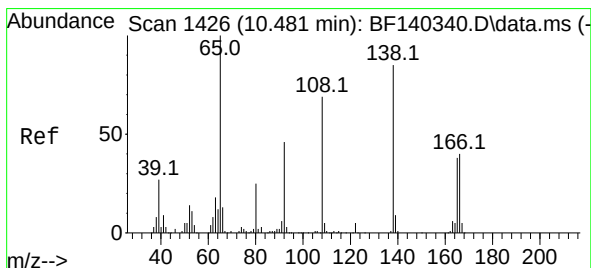
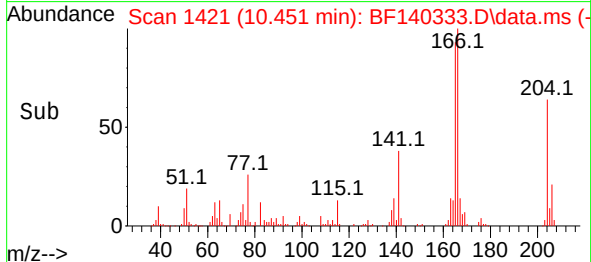
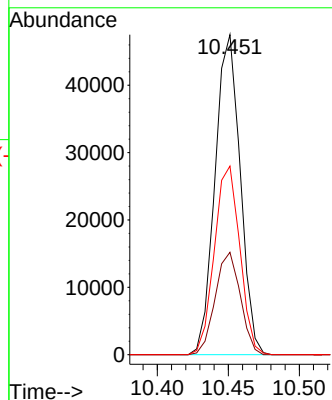
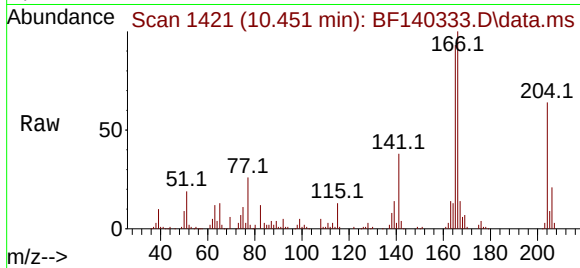




#61
4-Chlorophenyl-phenylether
Concen: 5.905 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

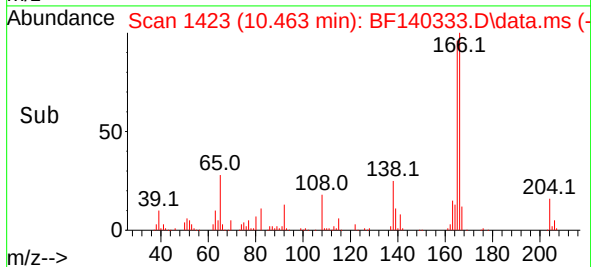
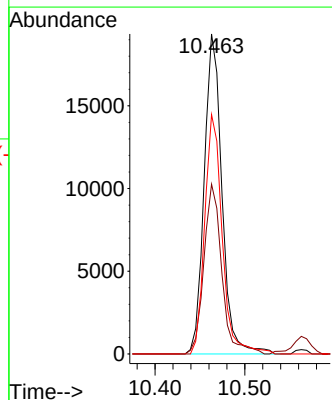
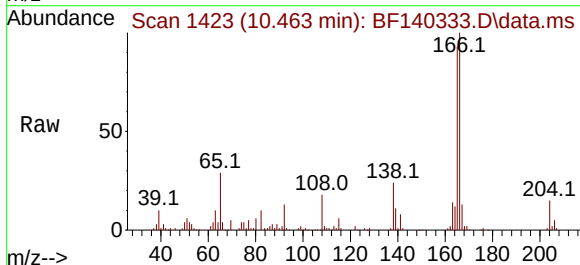
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

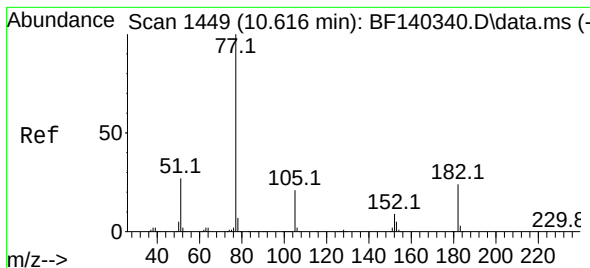
Tgt Ion:204 Resp: 58593
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 58.9 49.8 74.8



#62
4-Nitroaniline
Concen: 5.249 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:138 Resp: 26578
Ion Ratio Lower Upper
138 100
92 53.0 33.8 73.8
108 74.8 59.9 99.9

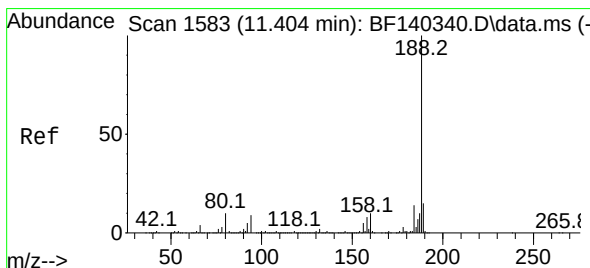
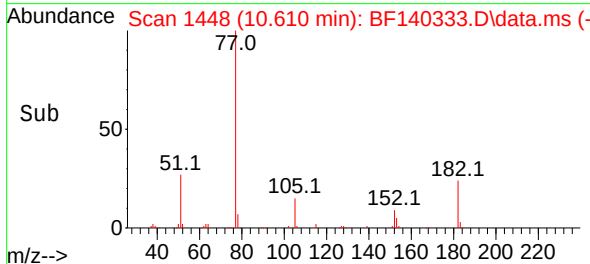
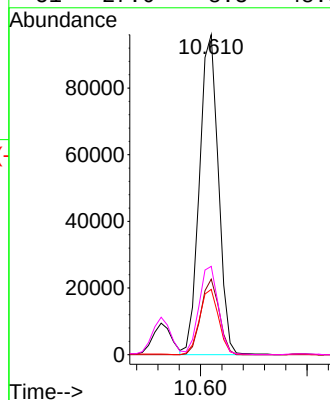
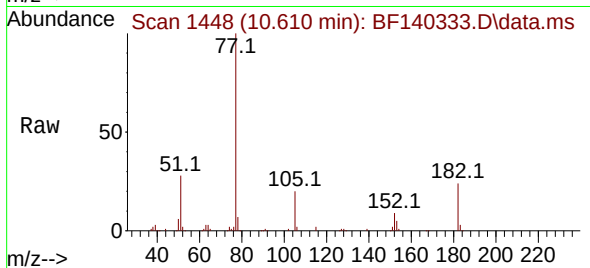




#63
Azobenzene
Concen: 5.685 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

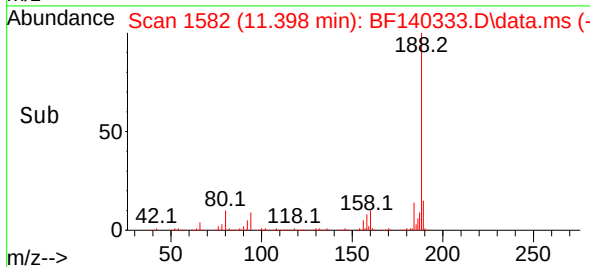
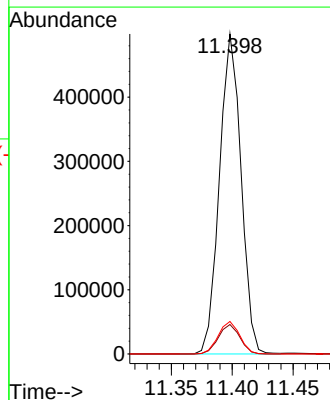
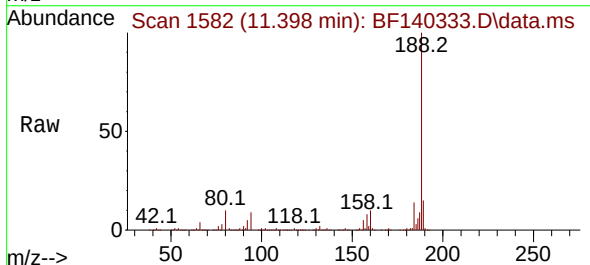
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

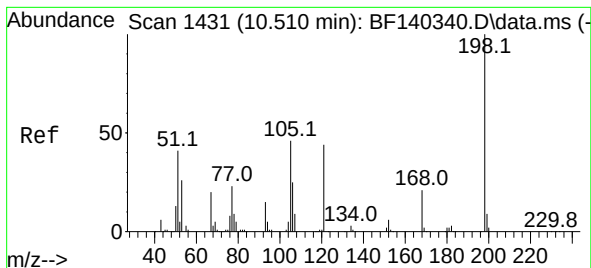
Tgt Ion: 77	Resp: 118816
Ion Ratio	Lower Upper
77	100
182	23.6 4.6 44.6
105	20.4 0.9 40.9
51	27.6 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion: 188	Resp: 615904
Ion Ratio	Lower Upper
188	100
94	9.2 7.6 11.4
80	10.1 8.0 12.0

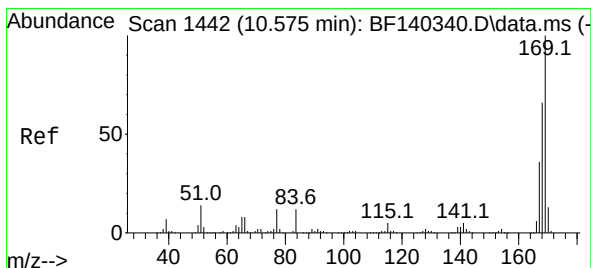
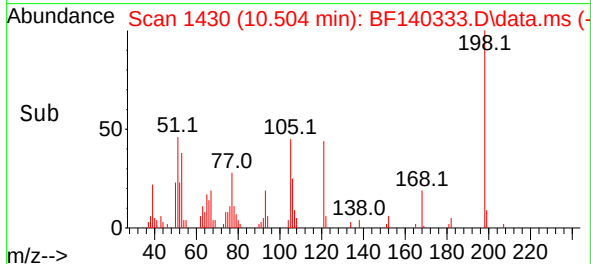
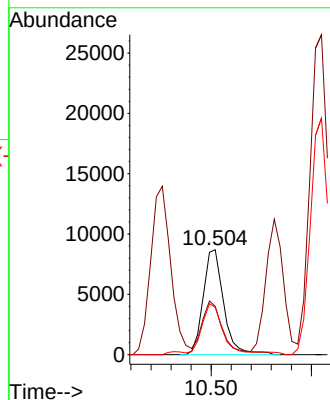
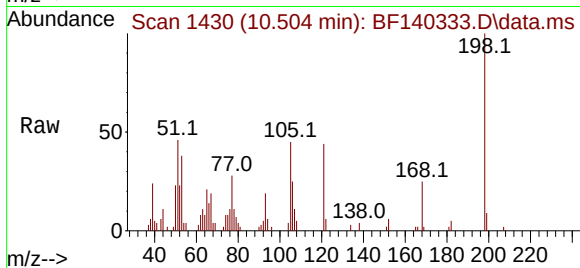




#65
4,6-Dinitro-2-methylphenol
Concen: 3.738 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

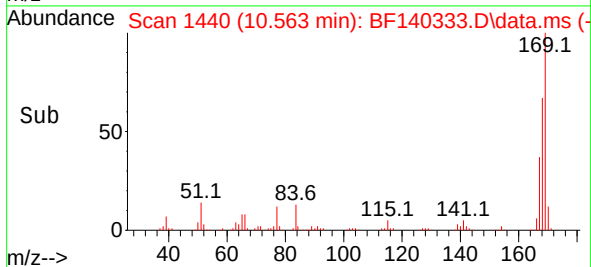
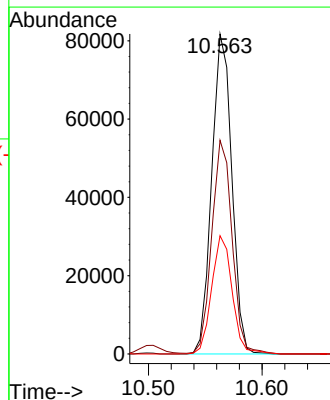
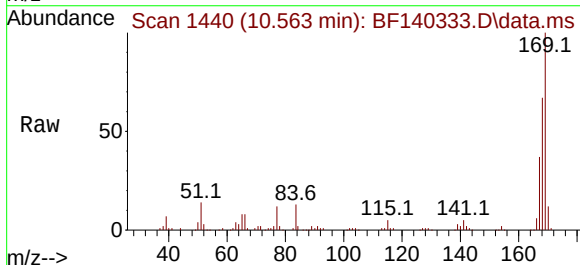
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

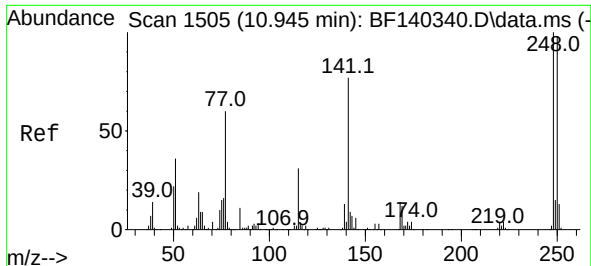
Tgt Ion:198 Resp: 12385
Ion Ratio Lower Upper
198 100
51 46.0 29.7 69.7
105 45.2 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 5.636 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:169 Resp: 100287
Ion Ratio Lower Upper
169 100
168 66.7 52.7 79.1
167 36.9 29.3 43.9

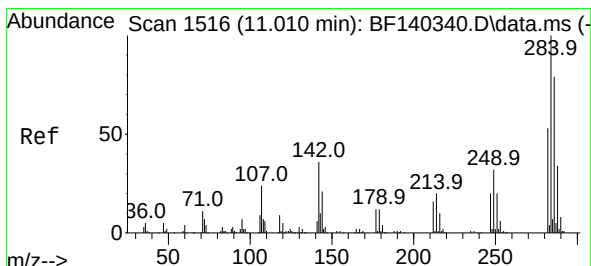
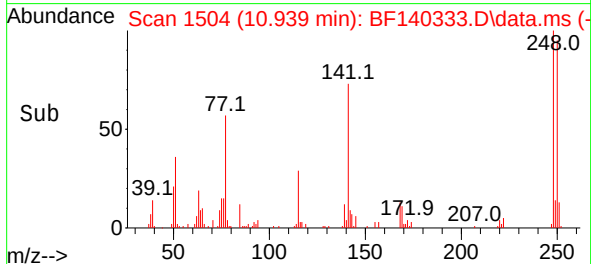
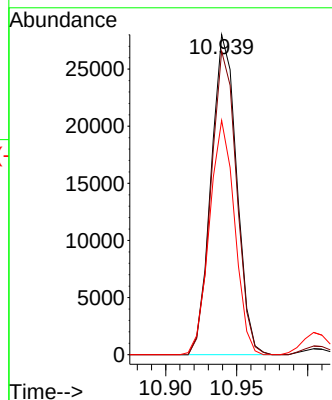
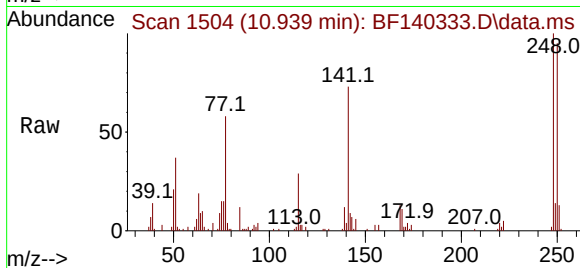




#67
4-Bromophenyl-phenylether
Concen: 5.685 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

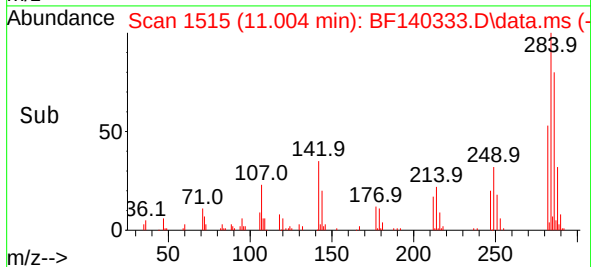
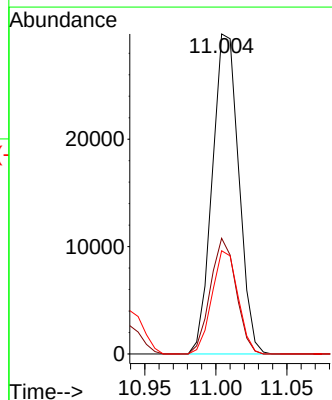
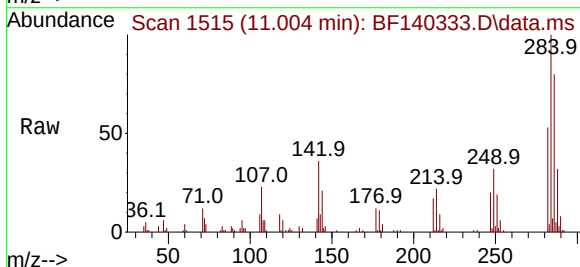
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

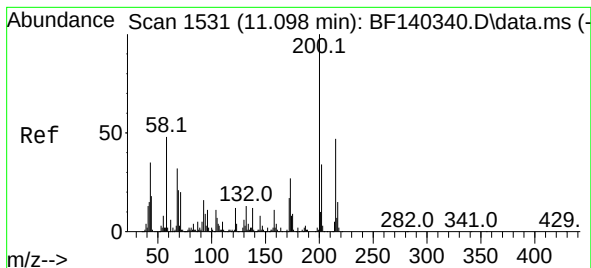
Tgt Ion:248 Resp: 34999
Ion Ratio Lower Upper
248 100
250 94.8 77.9 116.9
141 73.2 61.8 92.6



#68
Hexachlorobenzene
Concen: 5.576 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:284 Resp: 38627
Ion Ratio Lower Upper
284 100
142 36.1 28.1 42.1
249 32.3 24.9 37.3





#69

Atrazine

Concen: 5.472 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.012 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

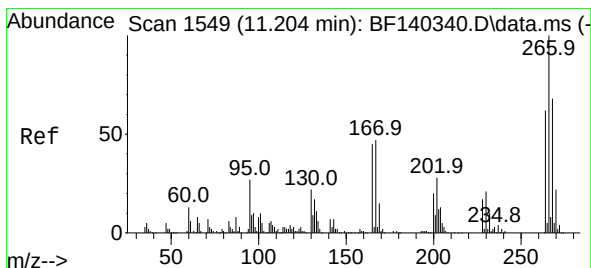
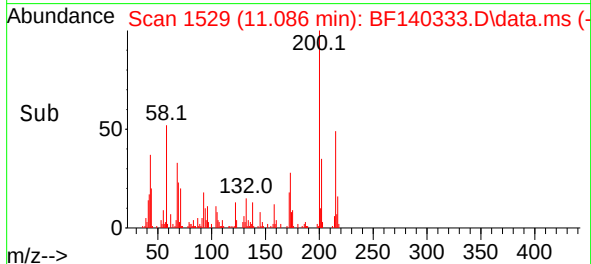
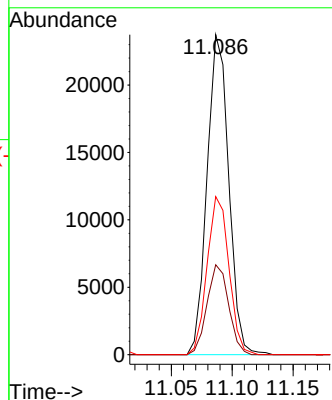
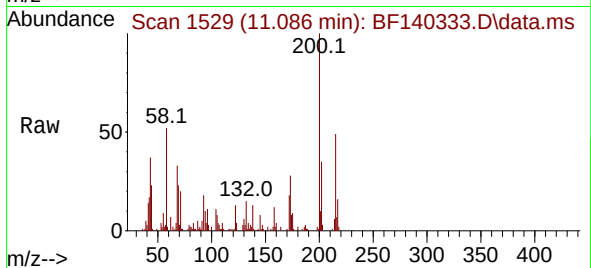
Tgt Ion:200 Resp: 29460

Ion Ratio Lower Upper

200 100

173 28.1 6.6 46.6

215 49.4 27.2 67.2



#70

Pentachlorophenol

Concen: 4.016 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

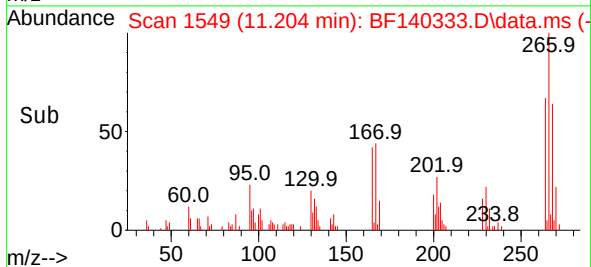
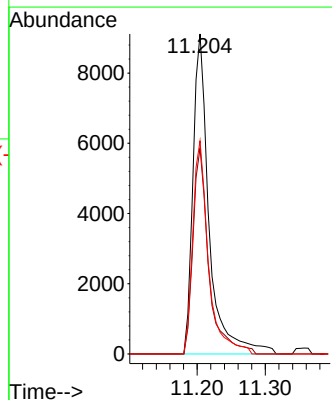
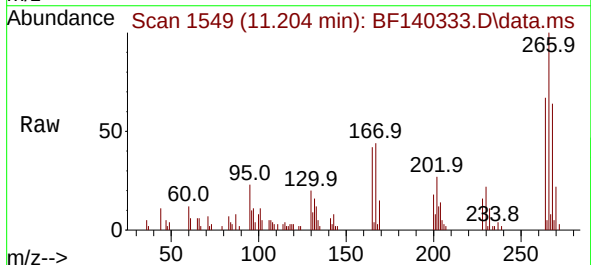
Tgt Ion:266 Resp: 14987

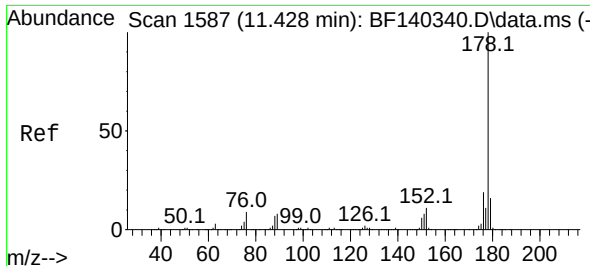
Ion Ratio Lower Upper

266 100

268 64.3 52.9 79.3

264 66.6 50.3 75.5

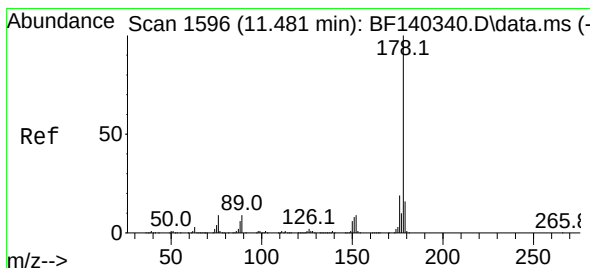
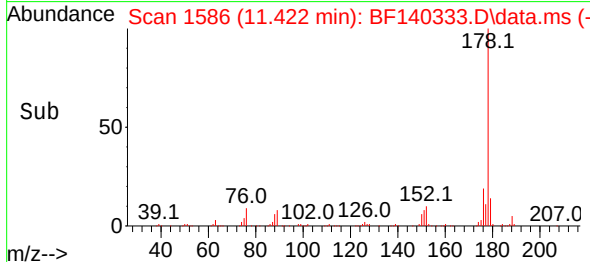
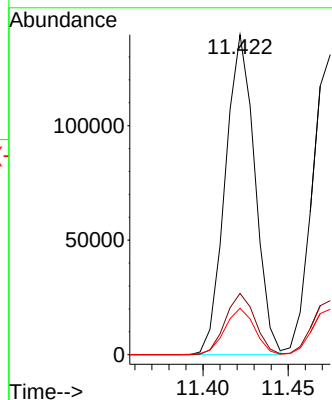
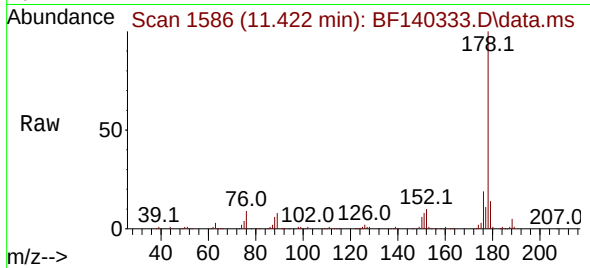




#71
Phenanthrene
Concen: 5.832 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

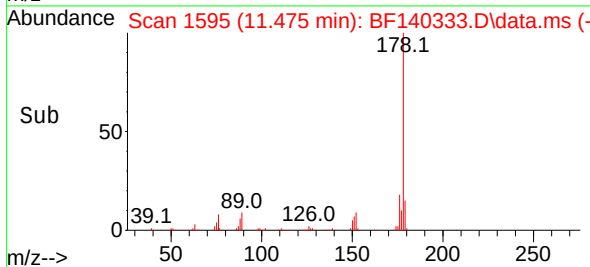
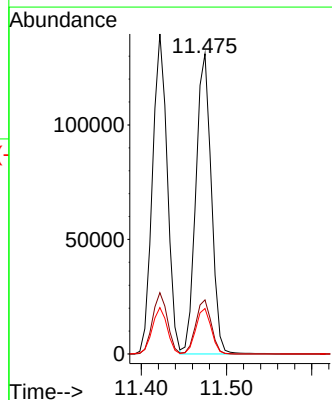
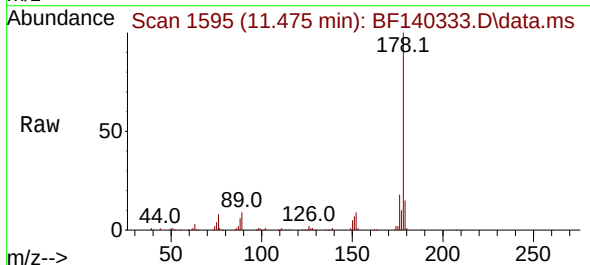
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

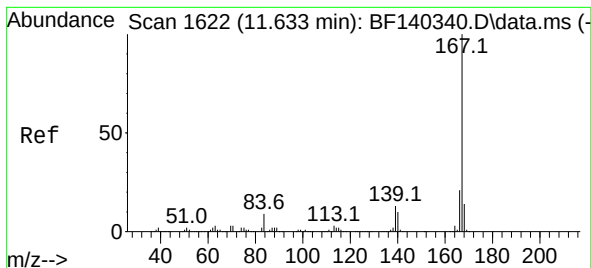
Tgt Ion:178 Resp: 168742
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 14.5 12.4 18.6



#72
Anthracene
Concen: 5.816 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:178 Resp: 164923
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 15.2 12.6 18.8





#73

Carbazole

Concen: 5.789 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

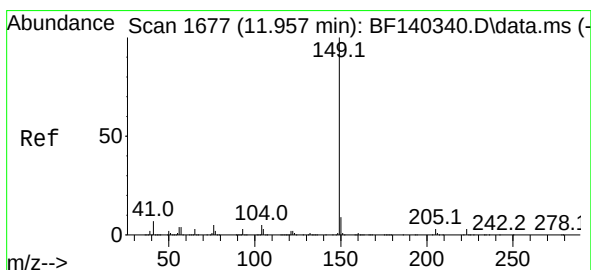
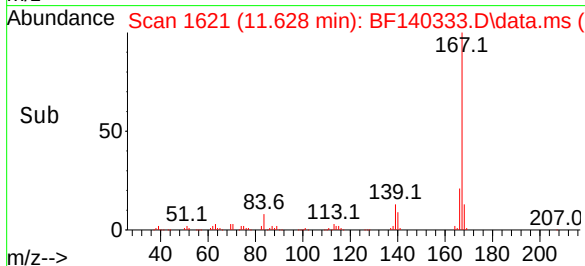
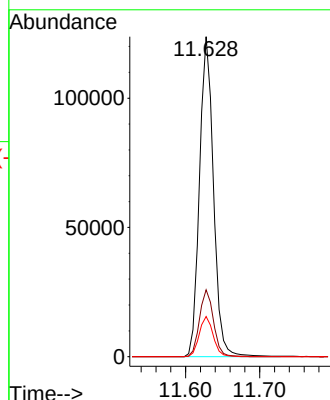
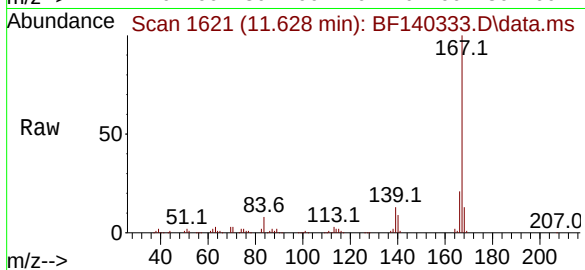
Tgt Ion:167 Resp: 162080

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 5.563 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

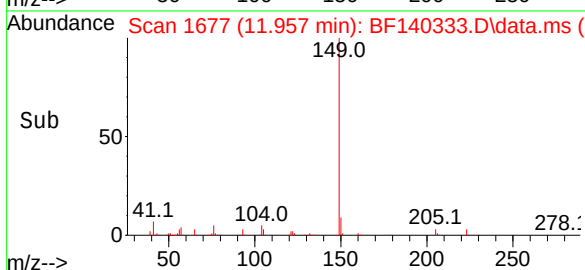
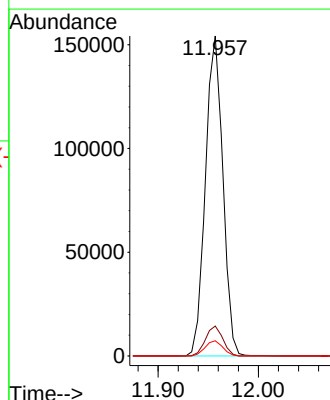
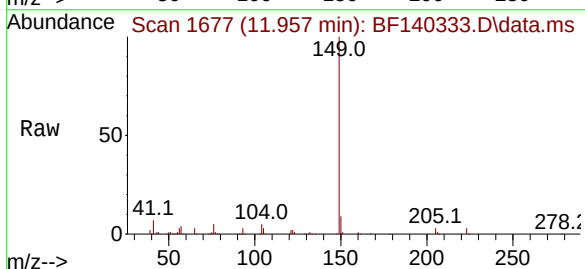
Tgt Ion:149 Resp: 186931

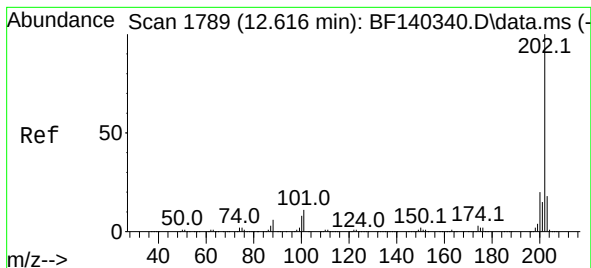
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 5.956 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

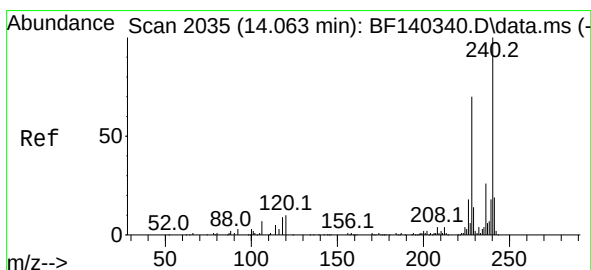
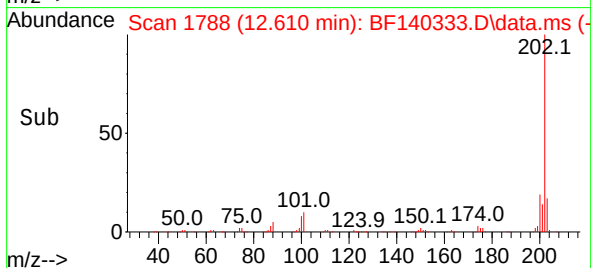
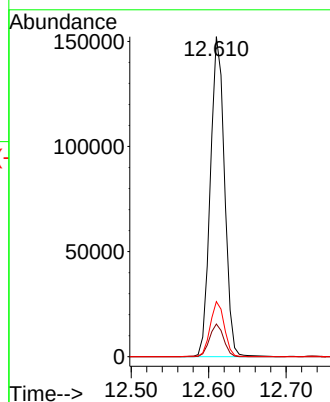
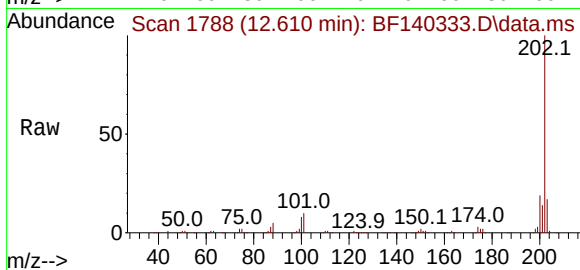
Tgt Ion:202 Resp: 193346

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.7

203 17.2 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

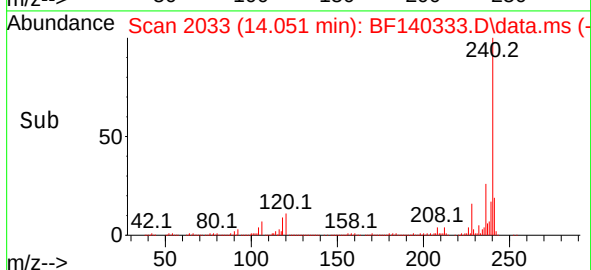
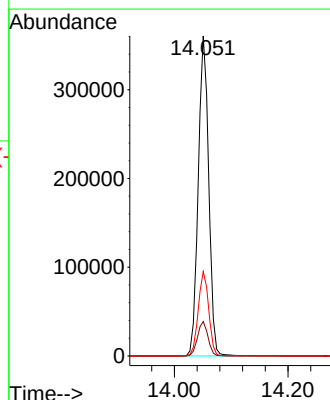
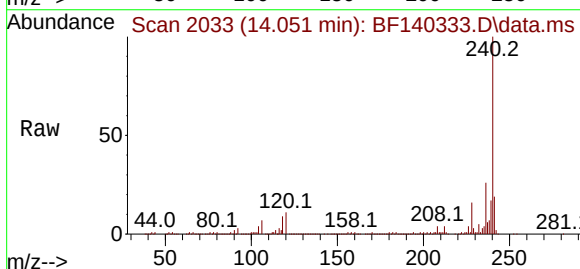
Tgt Ion:240 Resp: 462864

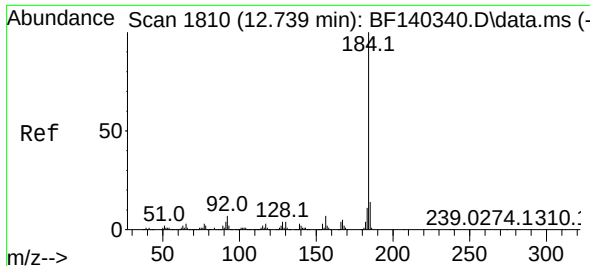
Ion Ratio Lower Upper

240 100

120 10.7 8.8 13.2

236 26.4 20.9 31.3

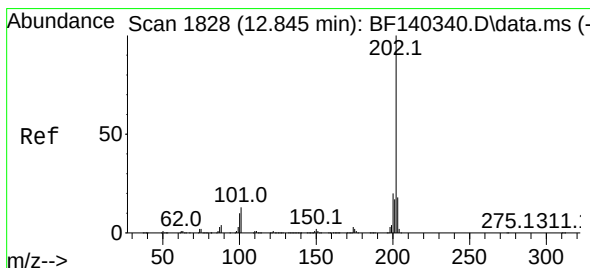
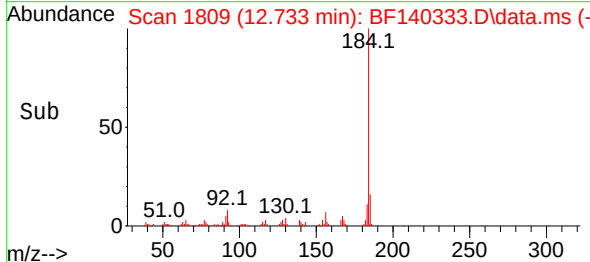
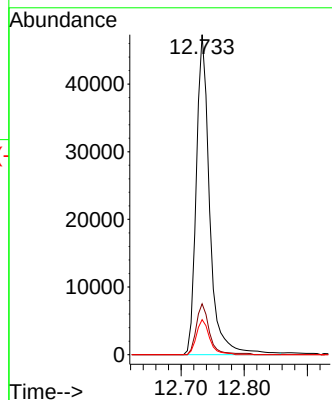
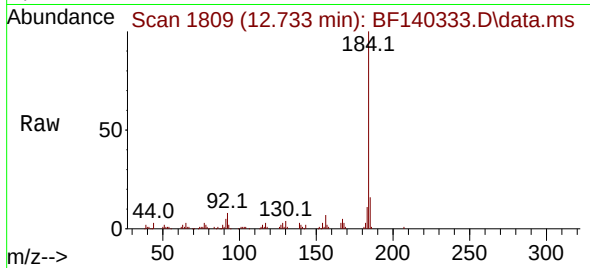




#77
Benzidine
Concen: 3.923 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

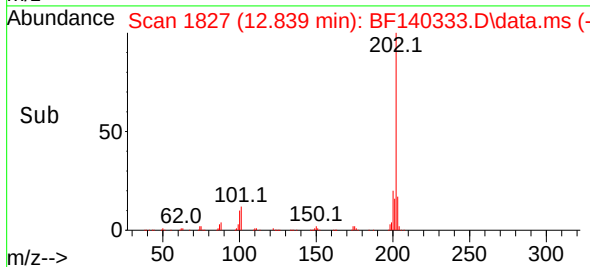
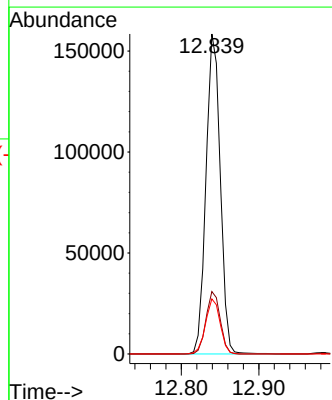
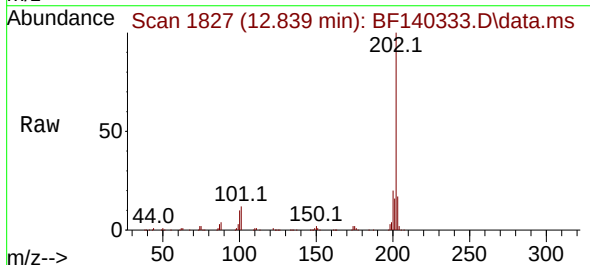
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

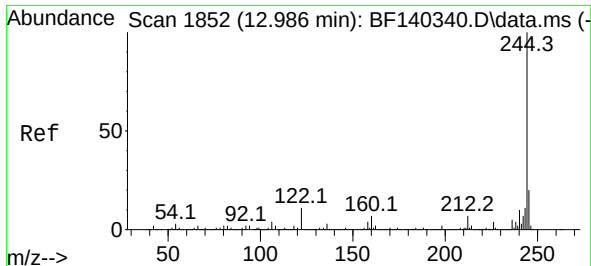
Tgt Ion:184 Resp: 69697
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 11.0 8.6 13.0



#78
Pyrene
Concen: 5.109 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

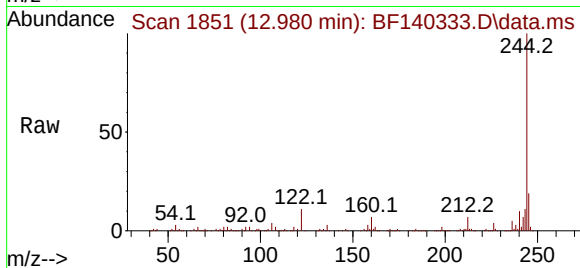
Tgt Ion:202 Resp: 202260
Ion Ratio Lower Upper
202 100
200 19.5 16.2 24.2
203 17.2 14.2 21.4



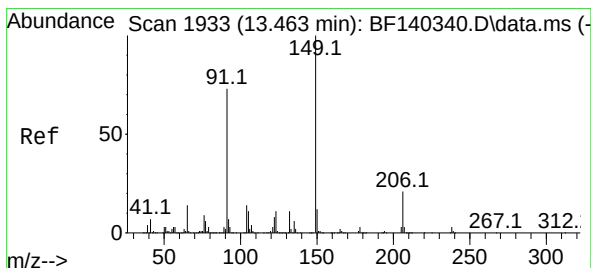
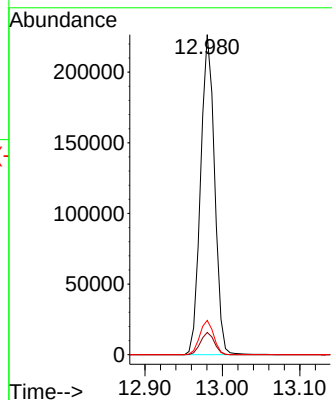
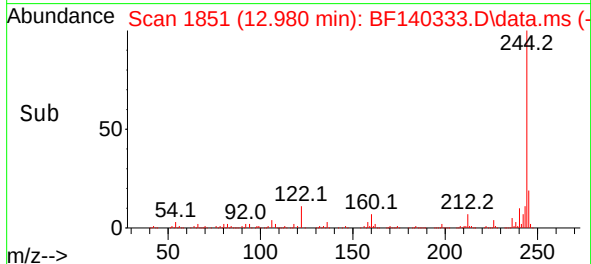


#79
 Terphenyl-d14
 Concen: 10.644 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140333.D
 Acq: 13 Nov 2024 09:27

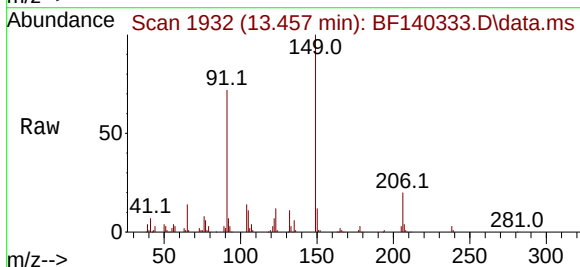
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005



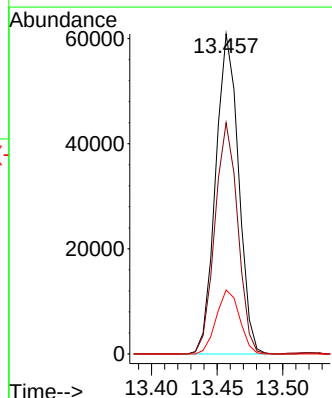
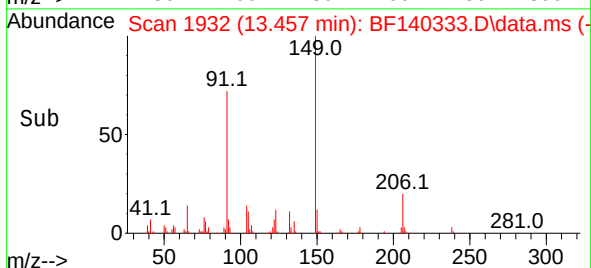
Tgt Ion:244 Resp: 283824
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.7 8.8 13.2

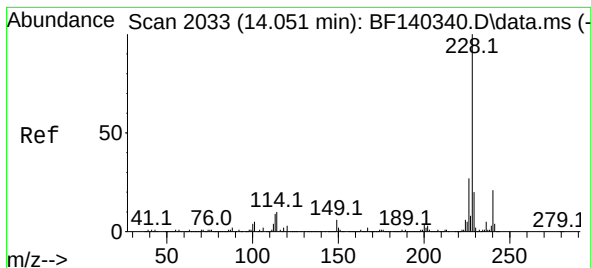


#80
 Butylbenzylphthalate
 Concen: 4.870 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF140333.D
 Acq: 13 Nov 2024 09:27



Tgt Ion:149 Resp: 74075
 Ion Ratio Lower Upper
 149 100
 91 72.3 61.0 91.4
 206 20.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 5.518 ng

RT: 14.039 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

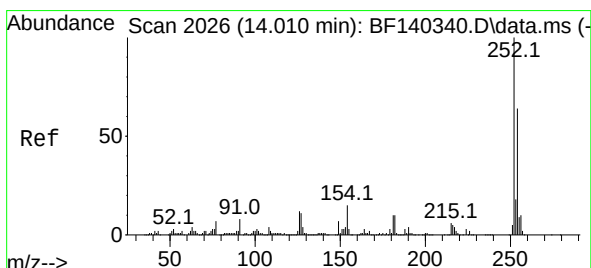
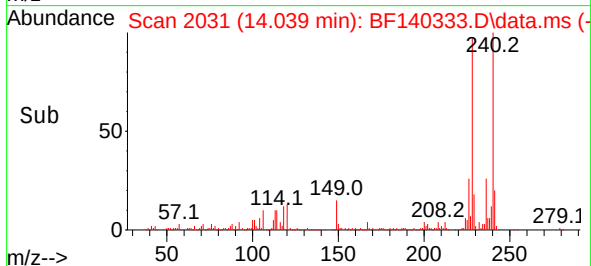
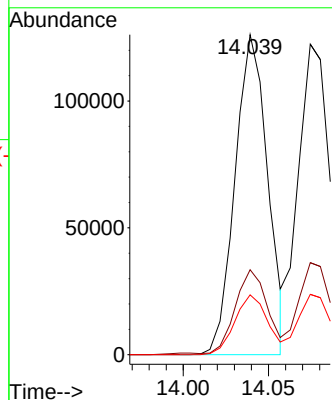
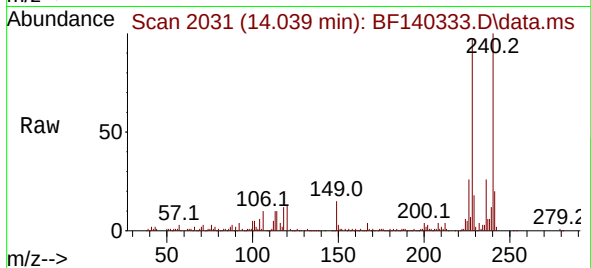
Tgt Ion:228 Resp: 167855

Ion Ratio Lower Upper

228 100

226 26.5 22.2 33.4

229 18.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 5.237 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

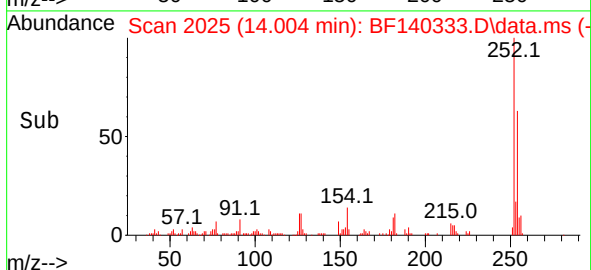
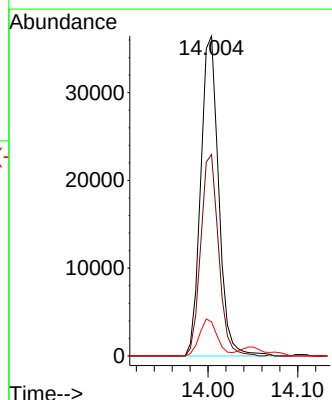
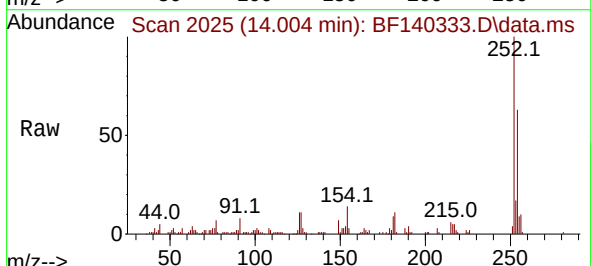
Tgt Ion:252 Resp: 50636

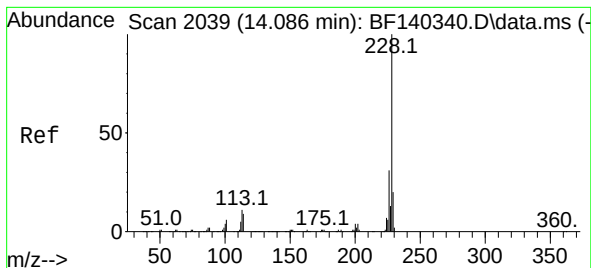
Ion Ratio Lower Upper

252 100

254 63.0 51.4 77.2

126 10.6 9.4 14.0





#83

Chrysene

Concen: 5.810 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

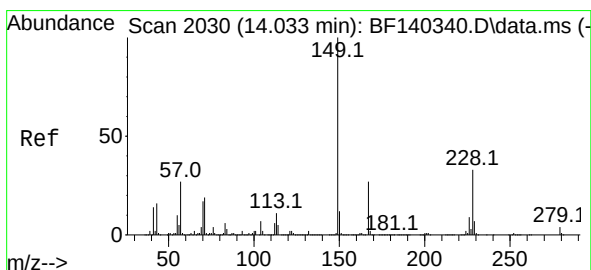
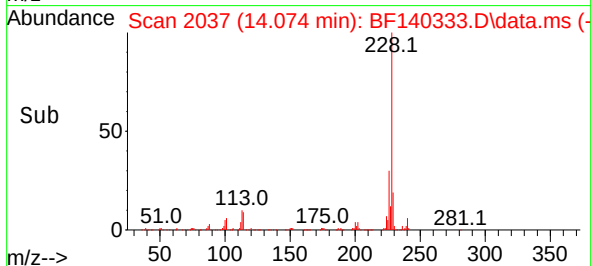
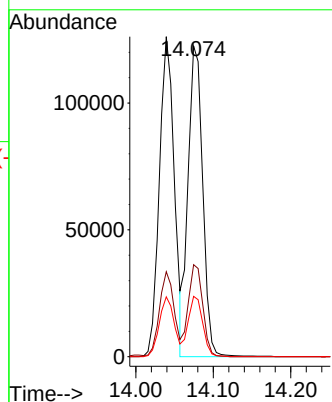
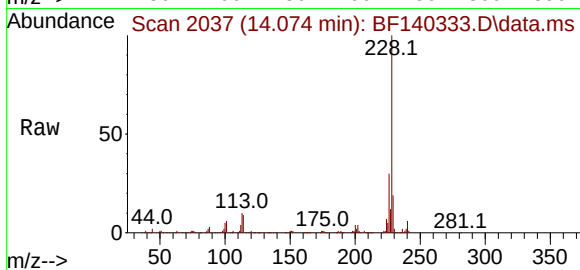
Tgt Ion:228 Resp: 161255

Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.051 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

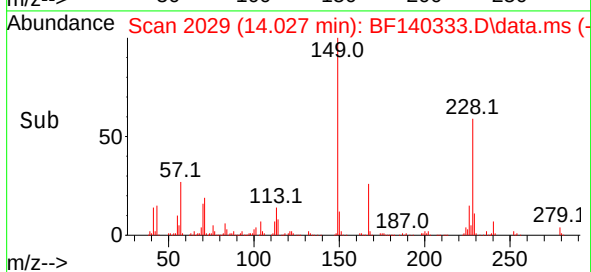
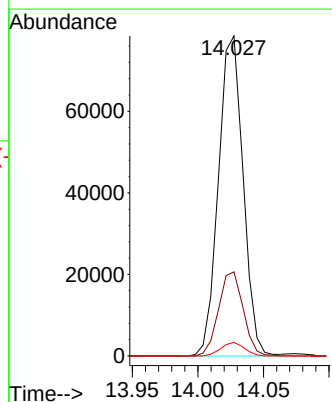
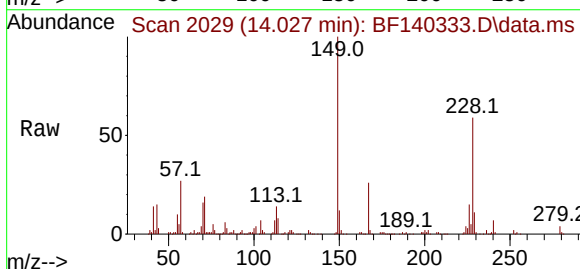
Tgt Ion:149 Resp: 102534

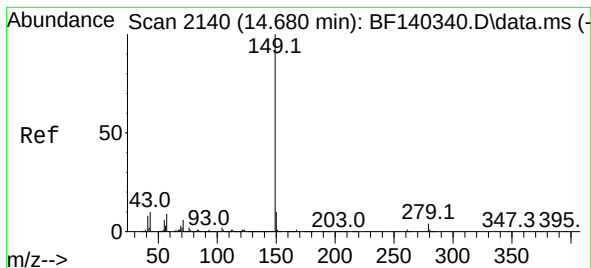
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 4.984 ng

RT: 14.663 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

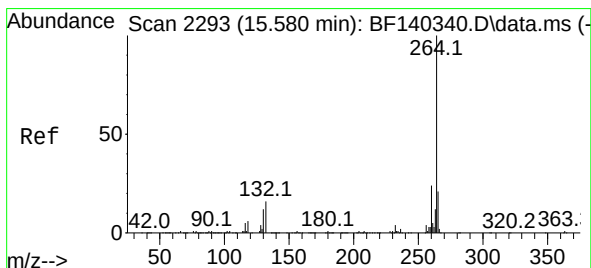
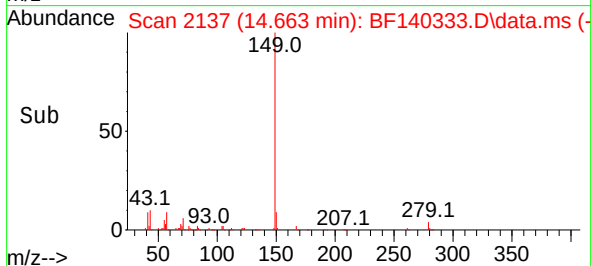
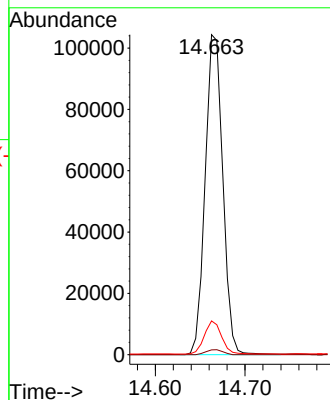
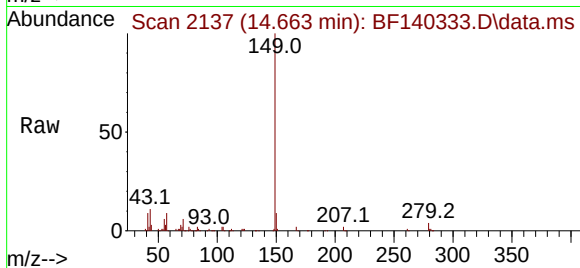
Tgt Ion:149 Resp: 142493

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.1 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

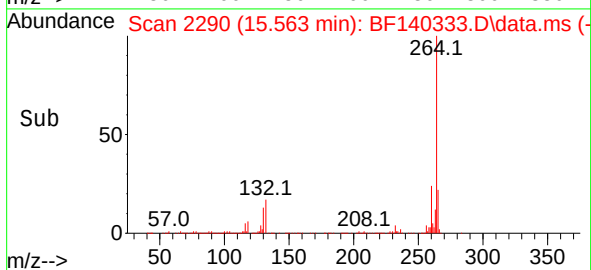
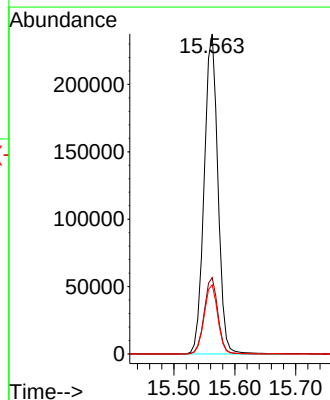
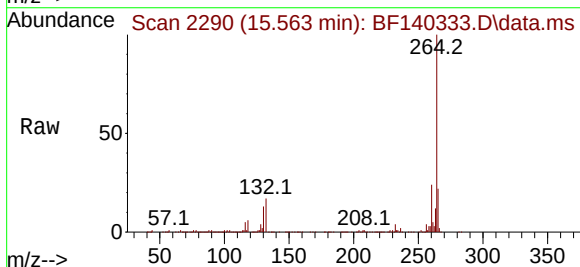
Tgt Ion:264 Resp: 372118

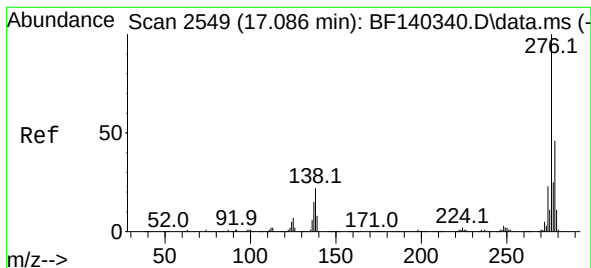
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.517 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140333.D

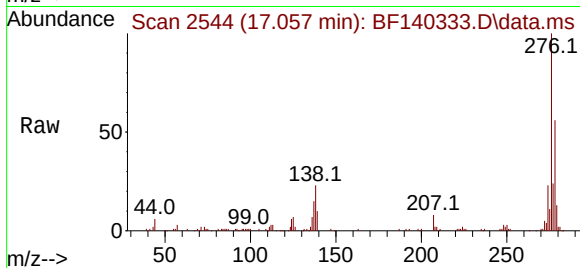
Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



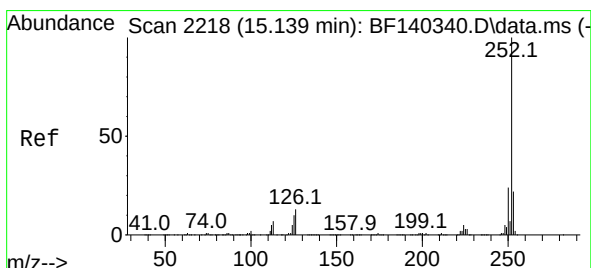
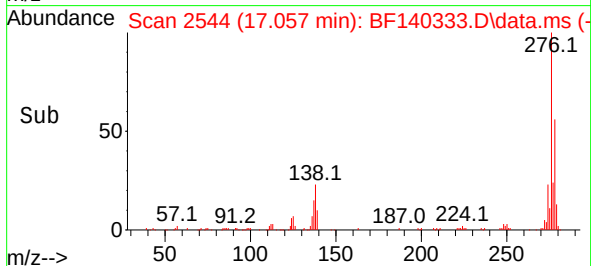
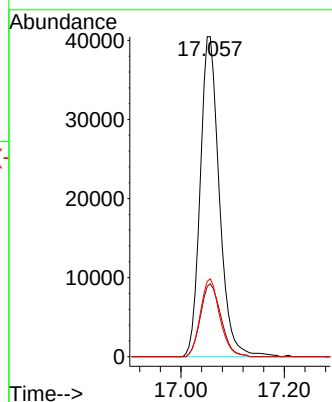
Tgt Ion:276 Resp: 103830

Ion Ratio Lower Upper

276 100

138 24.4 18.8 28.2

277 24.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 5.371 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

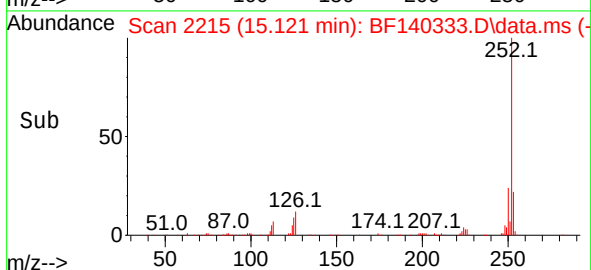
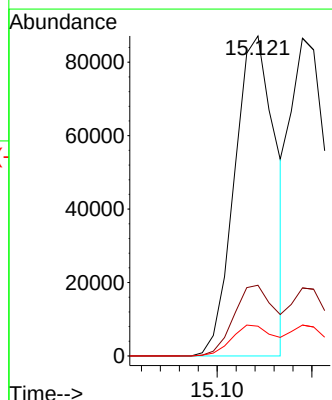
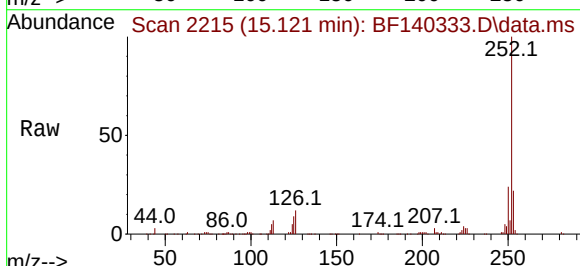
Tgt Ion:252 Resp: 130731

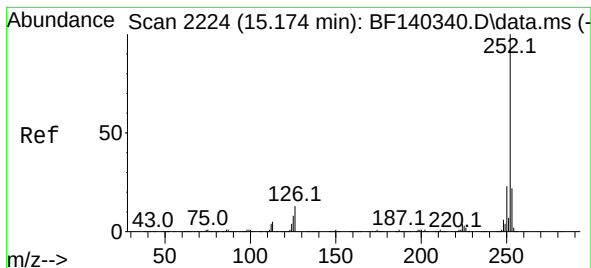
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 6.014 ng

RT: 15.145 min Scan# 2219

Delta R.T. -0.006 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

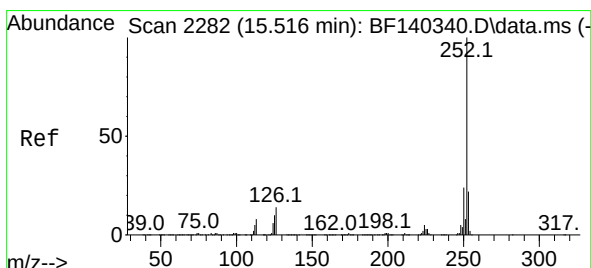
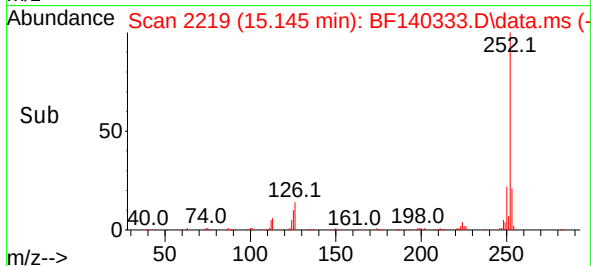
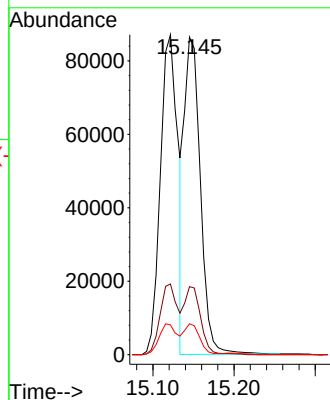
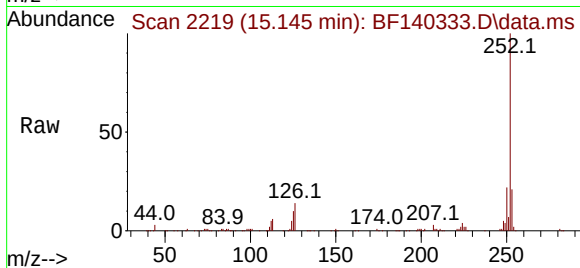
Tgt Ion:252 Resp: 119602

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 5.415 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF140333.D

Acq: 13 Nov 2024 09:27

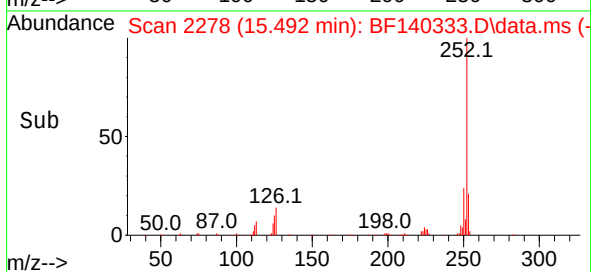
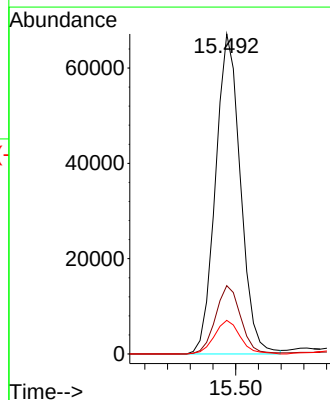
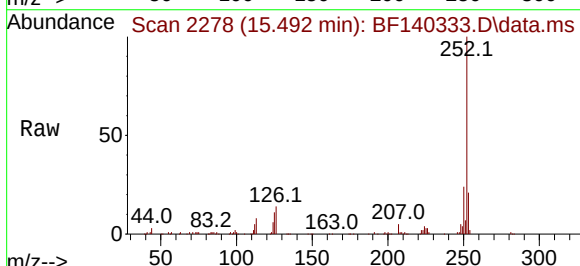
Tgt Ion:252 Resp: 102364

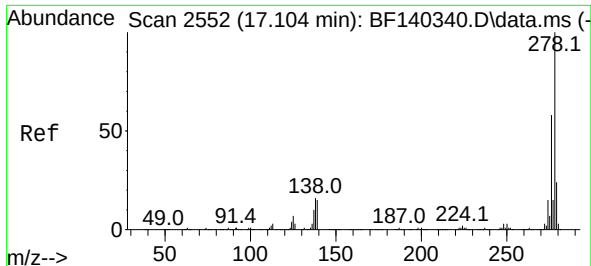
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 10.5 8.4 12.6

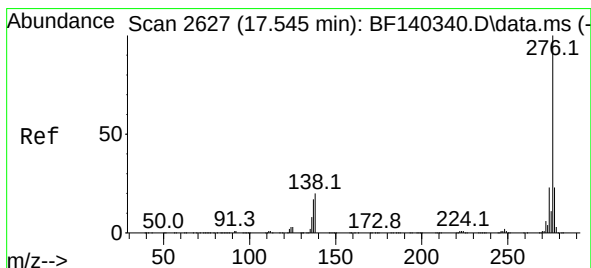
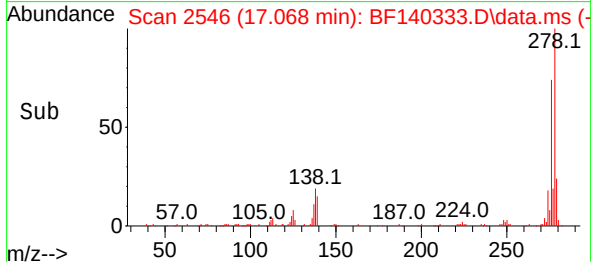
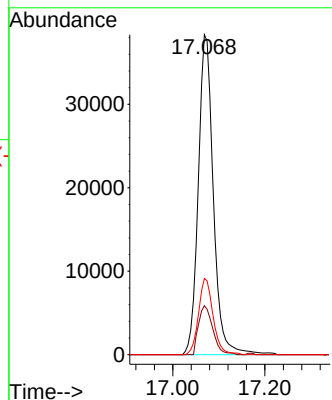
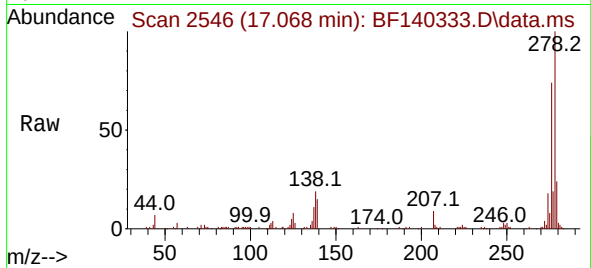




#91
Dibenzo(a,h)anthracene
Concen: 4.607 ng
RT: 17.068 min Scan# 2546
Delta R.T. -0.006 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

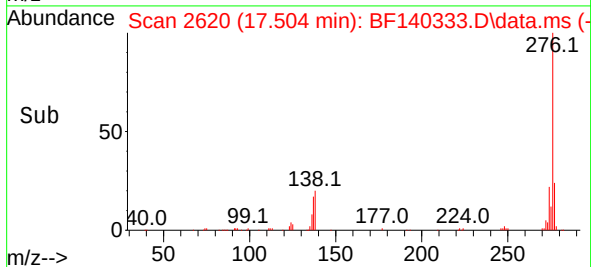
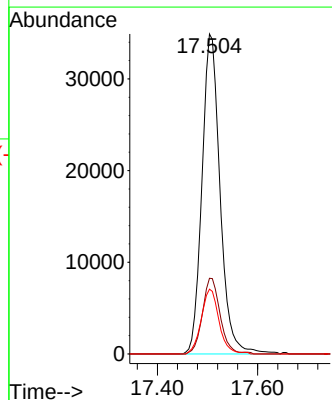
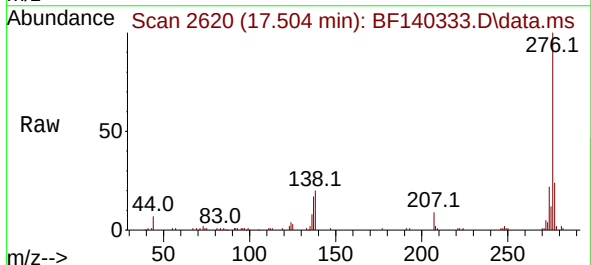
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 87528
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.8
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 4.507 ng
RT: 17.504 min Scan# 2620
Delta R.T. -0.012 min
Lab File: BF140333.D
Acq: 13 Nov 2024 09:27

Tgt Ion:276 Resp: 87547
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 20.2 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140334.D
 Acq On : 13 Nov 2024 09:53
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 13 14:23:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151757	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	576727	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	332343	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	625922	20.000	ng	0.00
76) Chrysene-d12	14.051	240	456049	20.000	ng	0.00
86) Perylene-d12	15.562	264	358045	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	190834	21.470	ng	0.00
7) Phenol-d6	6.492	99	256677	21.315	ng	-0.01
23) Nitrobenzene-d5	7.434	82	231031	20.872	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	70040	21.193	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	463950	22.441	ng	0.00
79) Terphenyl-d14	12.980	244	540367	20.567	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.640	88	41430	10.458	ng	98
3) Pyridine	3.416	79	101886	10.462	ng	100
4) n-Nitrosodimethylamine	3.346	42	47921	9.736	ng	96
6) Aniline	6.534	93	115851	11.059	ng	99
8) 2-Chlorophenol	6.657	128	102376	10.723	ng	100
9) Benzaldehyde	6.428	77	82498	11.431	ng	99
10) Phenol	6.510	94	136055	10.713	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	98194	10.205	ng	97
12) 1,3-Dichlorobenzene	6.816	146	111939	10.626	ng	99
13) 1,4-Dichlorobenzene	6.892	146	116395	10.897	ng	99
14) 1,2-Dichlorobenzene	7.045	146	108453	10.937	ng	98
15) Benzyl Alcohol	7.010	79	90500	10.431	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	138565	10.425	ng	99
17) 2-Methylphenol	7.122	107	80567	10.258	ng	99
18) Hexachloroethane	7.387	117	41189	10.431	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	76077	10.460	ng	96
20) 3+4-Methylphenols	7.275	107	108265	11.022	ng	# 89
22) Acetophenone	7.281	105	146536	10.925	ng	97
24) Nitrobenzene	7.451	77	121397	10.534	ng	99
25) Isophorone	7.686	82	202309	10.313	ng	98
26) 2-Nitrophenol	7.769	139	51547	10.079	ng	97
27) 2,4-Dimethylphenol	7.804	122	68066	10.396	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	127440	10.594	ng	99
29) 2,4-Dichlorophenol	8.010	162	85290	10.540	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	95485	10.599	ng	99
31) Naphthalene	8.181	128	318527	10.887	ng	99
32) Benzoic acid	7.875	122	46052	8.007	ng	98
33) 4-Chloroaniline	8.222	127	111264	10.936	ng	99
34) Hexachlorobutadiene	8.292	225	61596	10.731	ng	99
35) Caprolactam	8.563	113	26940	9.902	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	94282	10.514	ng	99
37) 2-Methylnaphthalene	8.869	142	203533	10.850	ng	99
38) 1-Methylnaphthalene	8.969	142	200722	10.926	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	97174	10.573	ng	98
41) Hexachlorocyclopentadiene	9.022	237	18405	7.800	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	62134	10.302	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140334.D
 Acq On : 13 Nov 2024 09:53
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

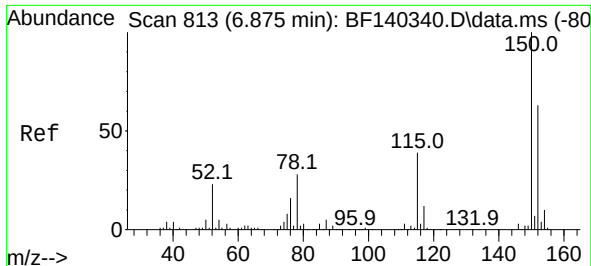
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	69370	10.520	ng	98
46) 1,1'-Biphenyl	9.328	154	261030	10.796	ng	99
47) 2-Chloronaphthalene	9.357	162	196370	10.662	ng	99
48) 2-Nitroaniline	9.451	65	60634	9.927	ng	99
49) Acenaphthylene	9.769	152	299521	10.749	ng	100
50) Dimethylphthalate	9.628	163	225705	10.419	ng	99
51) 2,6-Dinitrotoluene	9.692	165	50400	10.206	ng	97
52) Acenaphthene	9.945	154	200055	10.629	ng	99
53) 3-Nitroaniline	9.857	138	54319	10.473	ng	99
54) 2,4-Dinitrophenol	9.969	184	18126	7.117	ng	98
55) Dibenzofuran	10.116	168	288411	10.825	ng	98
56) 4-Nitrophenol	10.016	139	36056	9.531	ng	98
57) 2,4-Dinitrotoluene	10.092	165	66496	10.231	ng	98
58) Fluorene	10.457	166	233209	11.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	50783	9.762	ng	92
60) Diethylphthalate	10.328	149	235508	10.632	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	114328	11.002	ng	98
62) 4-Nitroaniline	10.469	138	54026	10.188	ng	98
63) Azobenzene	10.610	77	231165	10.562	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	30629	9.095	ng	97
66) n-Nitrosodiphenylamine	10.563	169	197047	10.896	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	65844	10.524	ng	98
68) Hexachlorobenzene	11.010	284	75713	10.755	ng	95
69) Atrazine	11.092	200	57244	10.462	ng	99
70) Pentachlorophenol	11.204	266	33884	8.935	ng	98
71) Phenanthrene	11.422	178	329580	11.209	ng	99
72) Anthracene	11.475	178	318560	11.055	ng	98
73) Carbazole	11.627	167	315859	11.101	ng	99
74) Di-n-butylphthalate	11.957	149	368412	10.788	ng	99
75) Fluoranthene	12.610	202	375846	11.394	ng	99
77) Benzidine	12.733	184	144597	8.261	ng	99
78) Pyrene	12.839	202	388982	9.972	ng	98
80) Butylbenzylphthalate	13.457	149	145394	9.702	ng	98
81) Benzo(a)anthracene	14.039	228	323440	10.791	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	98211	10.309	ng	99
83) Chrysene	14.080	228	282868	10.343	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	202970	10.147	ng	99
85) Di-n-octyl phthalate	14.668	149	277399	9.847	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	205803	9.305	ng	99
88) Benzo(b)fluoranthene	15.127	252	241957	10.331	ng	99
89) Benzo(k)fluoranthene	15.151	252	222087	11.607	ng	99
90) Benzo(a)pyrene	15.498	252	188533	10.366	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	170496	9.326	ng	100
92) Benzo(g,h,i)perylene	17.515	276	172345	9.221	ng	100

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

- 1
- 2
- 3
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- 17

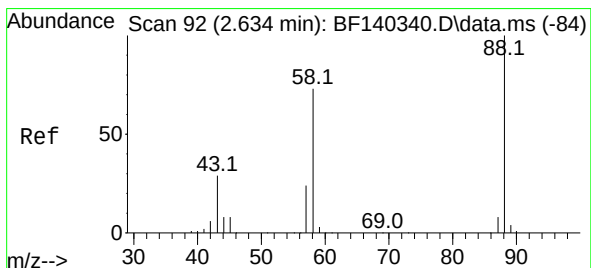
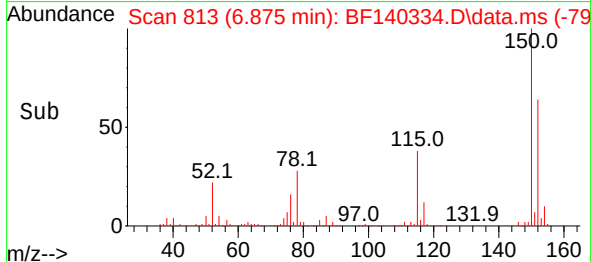
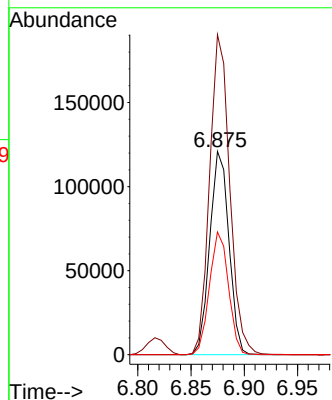
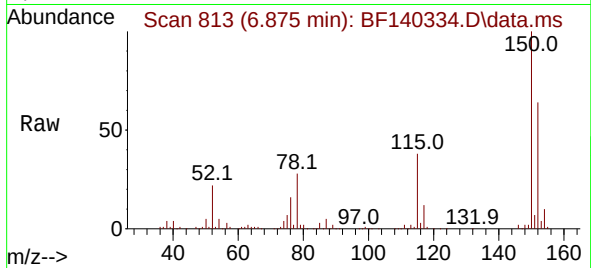
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

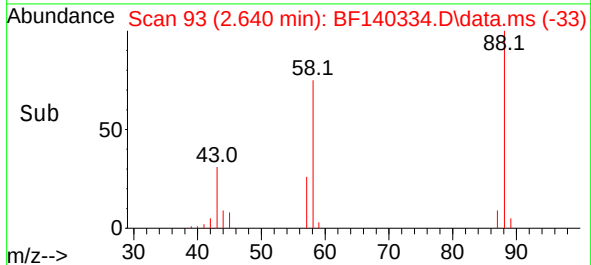
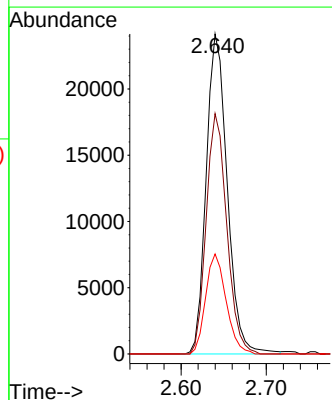
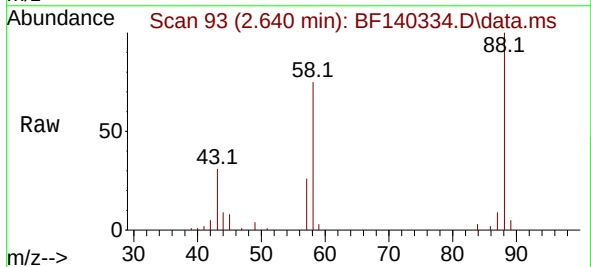
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ClientSampleId :
SSTDIC010

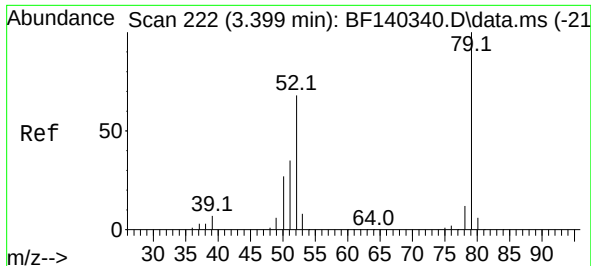
Tgt Ion:152 Resp: 151757
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 60.4 47.4 71.2



#2
1,4-Dioxane
Concen: 10.458 ng
RT: 2.640 min Scan# 93
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 88 Resp: 41430
Ion Ratio Lower Upper
88 100
58 73.3 59.5 89.3
43 30.5 23.4 35.2

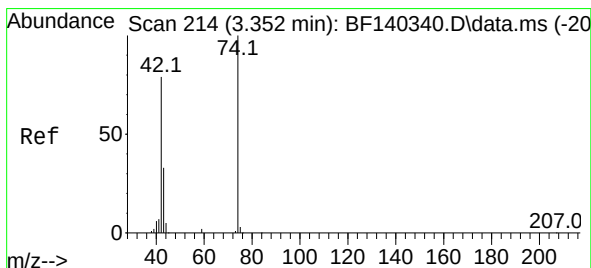
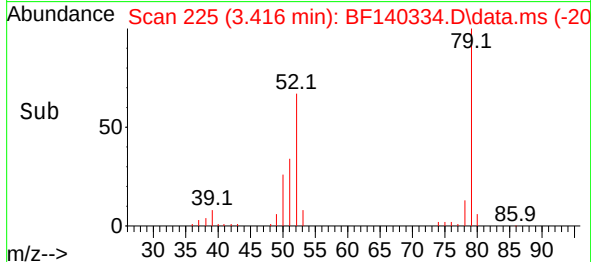
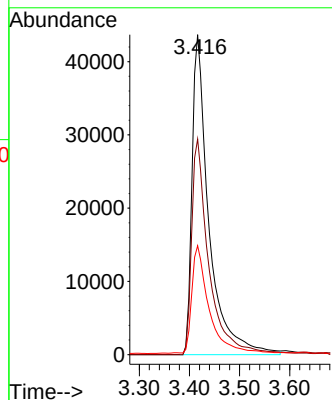
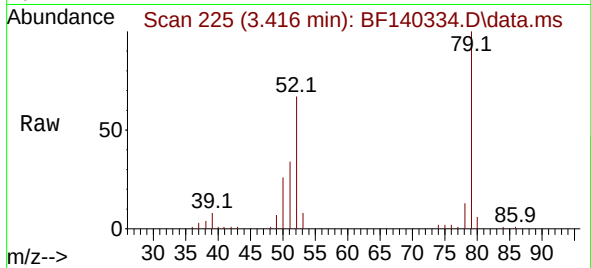




#3
Pyridine
Concen: 10.462 ng
RT: 3.416 min Scan# 213
Delta R.T. 0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

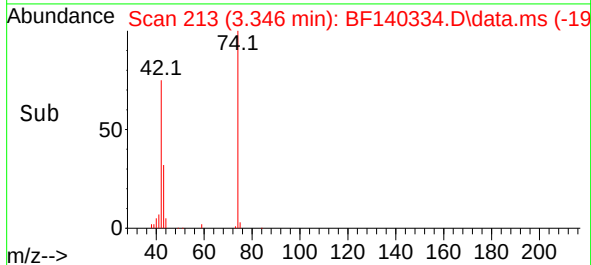
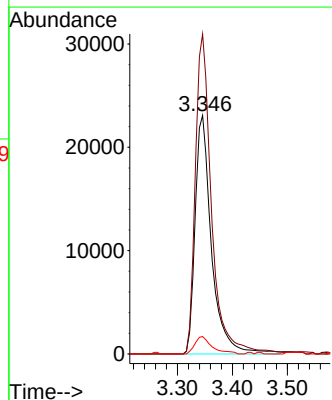
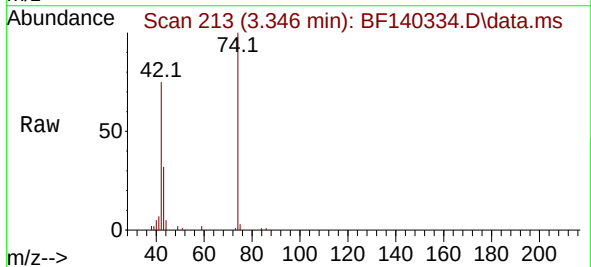
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

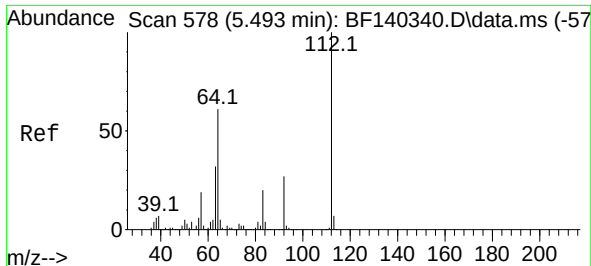
Tgt Ion: 79 Resp: 101886
Ion Ratio Lower Upper
79 100
52 67.4 53.8 80.6
51 34.0 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 9.736 ng
RT: 3.346 min Scan# 213
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 42 Resp: 47921
Ion Ratio Lower Upper
42 100
74 134.2 103.5 155.3
44 7.3 5.1 7.7

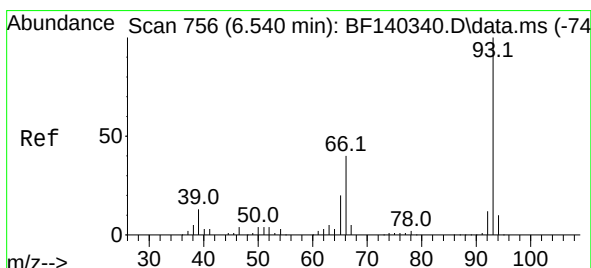
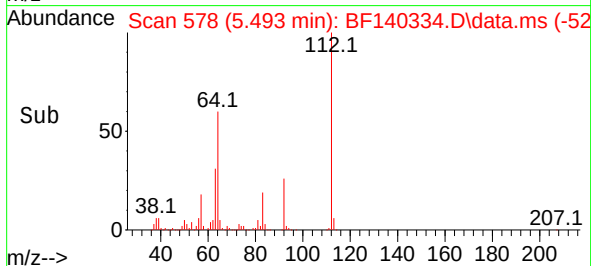
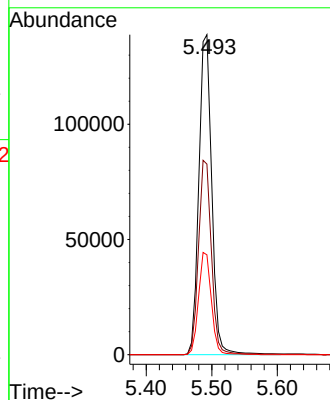
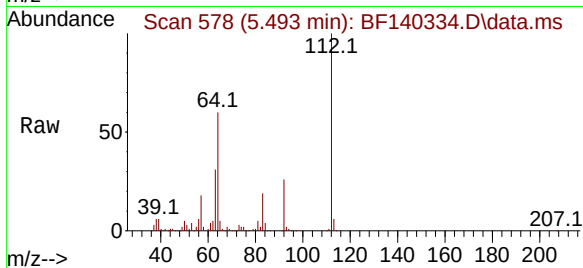




#5
2-Fluorophenol
Concen: 21.470 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

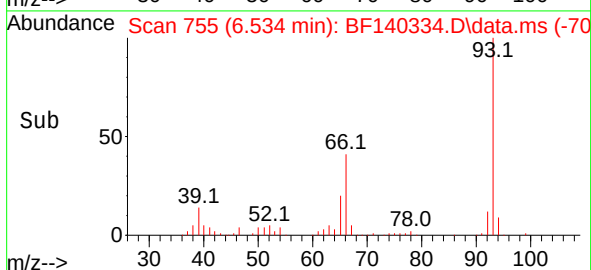
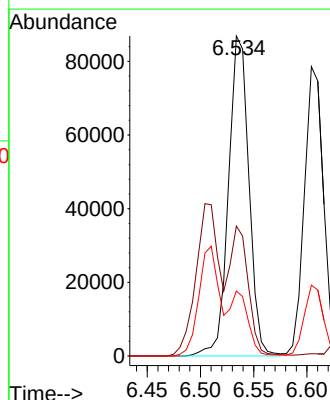
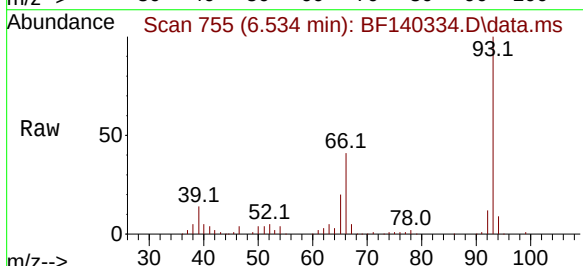
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

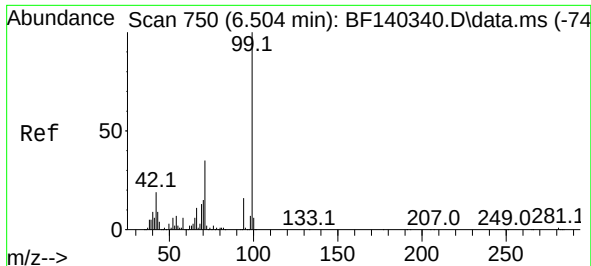
Tgt Ion:112 Resp: 190834
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.2 25.6 38.4



#6
Aniline
Concen: 11.059 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 93 Resp: 115851
Ion Ratio Lower Upper
93 100
66 40.6 32.8 49.2
65 20.3 16.6 25.0

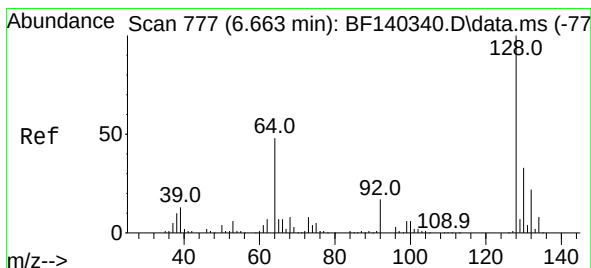
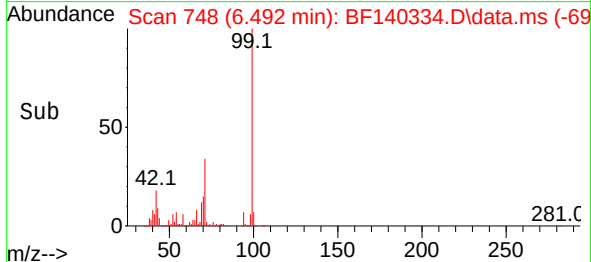
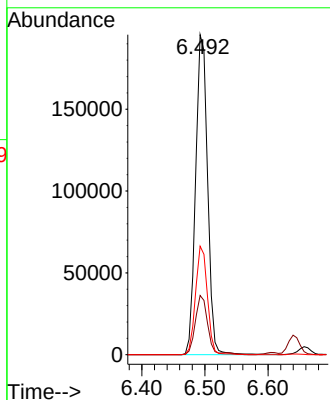
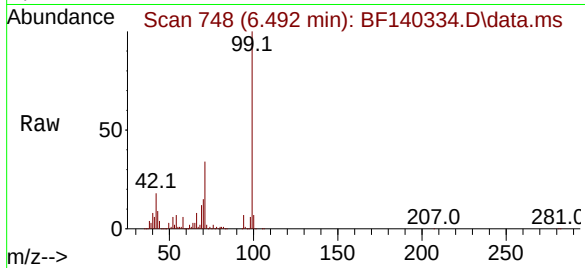




#7
Phenol-d6
Concen: 21.315 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

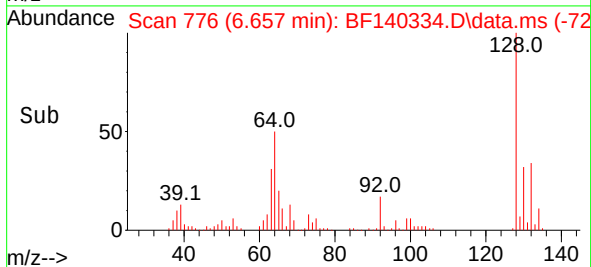
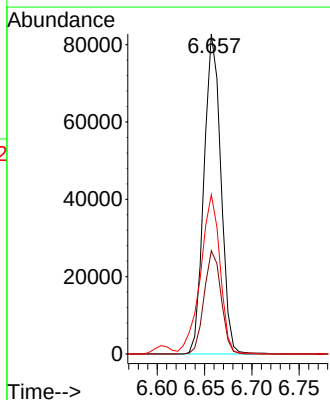
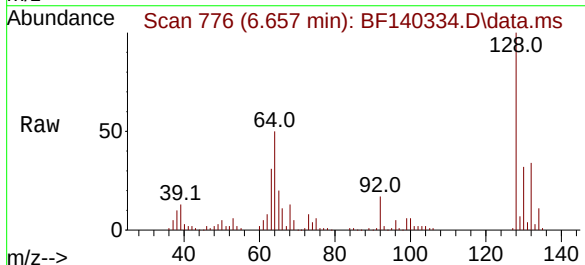
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

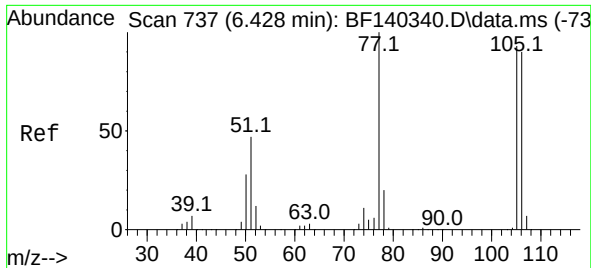
Tgt Ion: 99 Resp: 256677
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 33.9 27.9 41.9



#8
2-Chlorophenol
Concen: 10.723 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 128 Resp: 102376
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 49.8 30.2 70.2





#9

Benzaldehyde

Concen: 11.431 ng

RT: 6.428 min Scan# 714

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

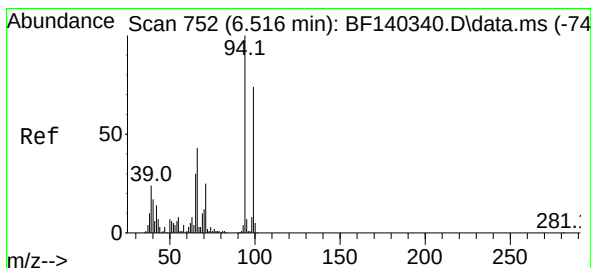
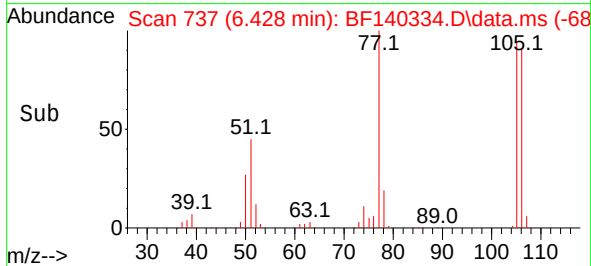
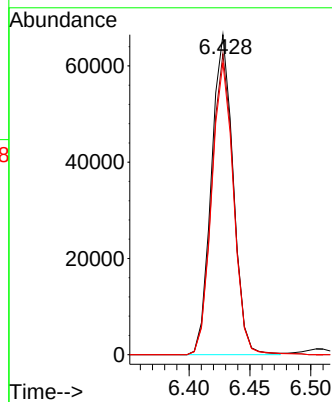
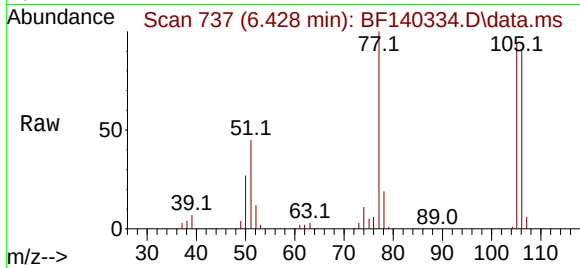
Tgt Ion: 77 Resp: 82498

Ion Ratio Lower Upper

77 100

105 94.1 74.4 114.4

106 91.2 69.9 109.9



#10

Phenol

Concen: 10.713 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

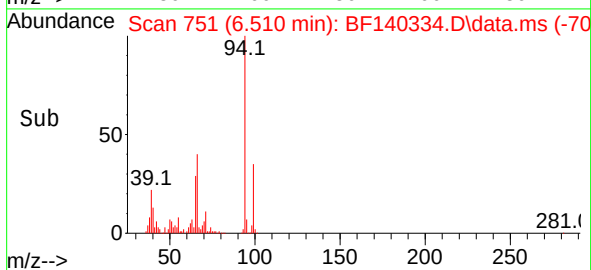
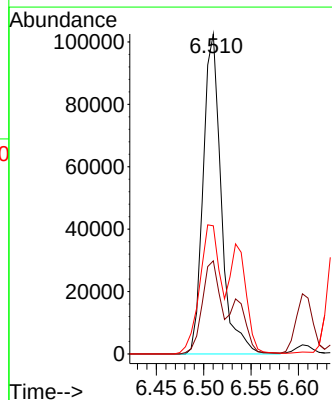
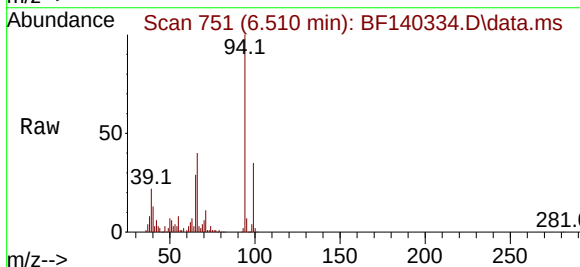
Tgt Ion: 94 Resp: 136055

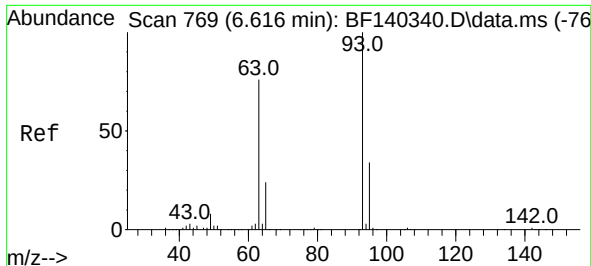
Ion Ratio Lower Upper

94 100

65 29.1 10.4 50.4

66 40.1 22.9 62.9

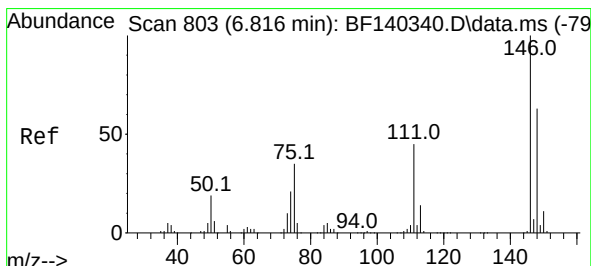
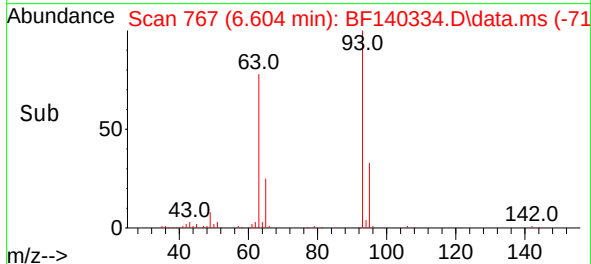
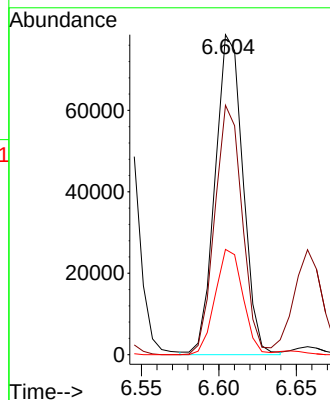
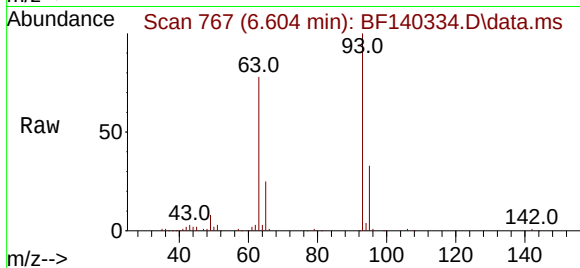




#11
bis(2-Chloroethyl)ether
Concen: 10.205 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

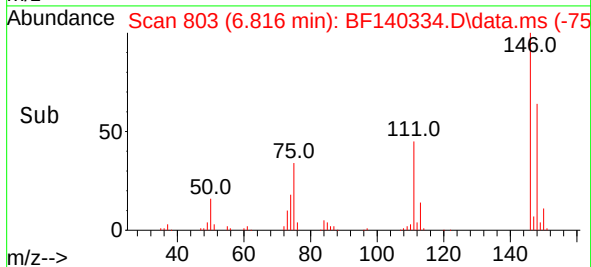
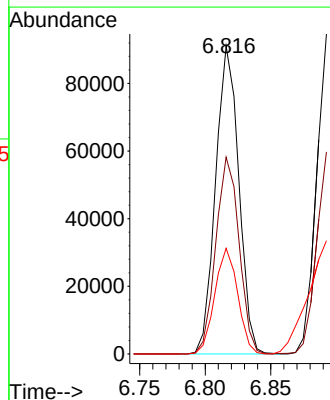
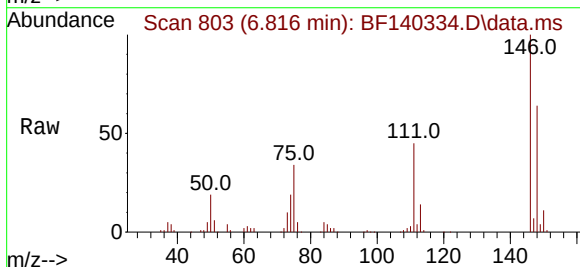
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

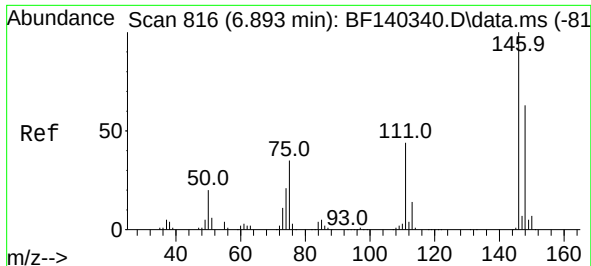
Tgt Ion: 93	Resp: 98194
Ion Ratio	Lower Upper
93 100	
63 78.0	54.0 94.0
95 32.9	12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 10.626 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:146	Resp: 111939		
Ion Ratio	Lower	Upper	
146 100			
148 63.9	50.7	76.1	
75 34.3	26.4	39.6	





#13

1,4-Dichlorobenzene

Concen: 10.897 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

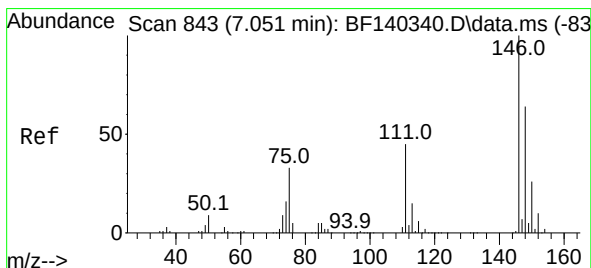
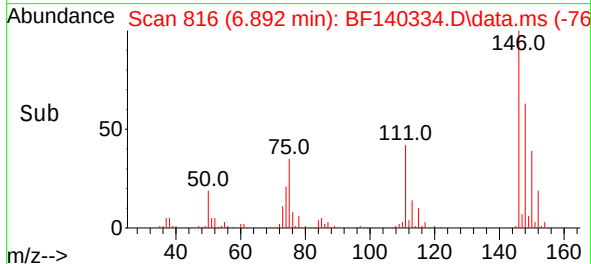
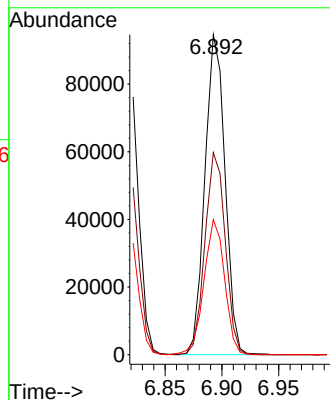
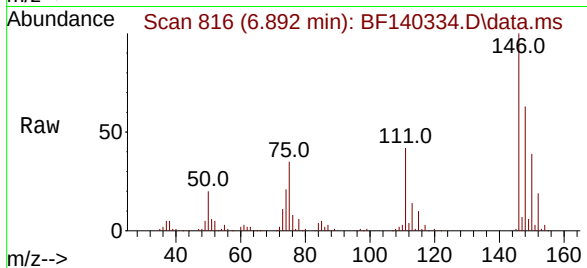
Tgt Ion:146 Resp: 116395

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

111 42.2 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 10.937 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

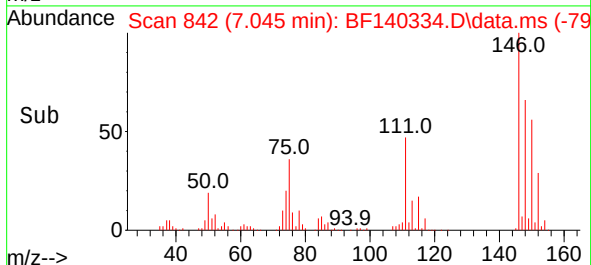
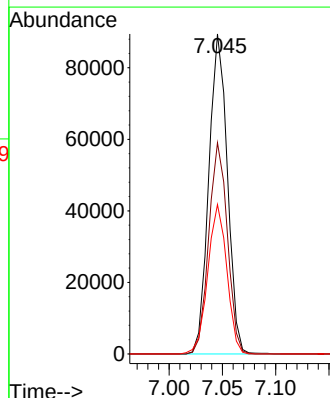
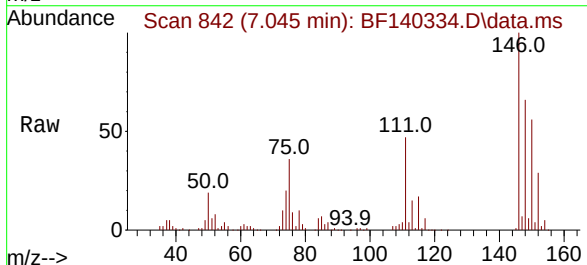
Tgt Ion:146 Resp: 108453

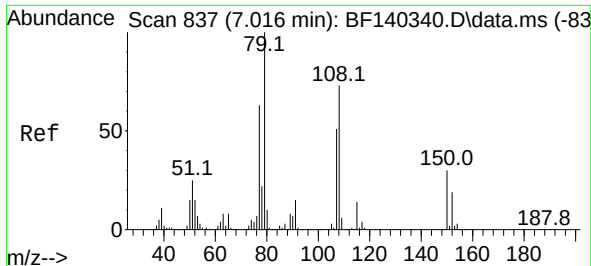
Ion Ratio Lower Upper

146 100

148 66.0 51.2 76.8

111 46.7 36.5 54.7

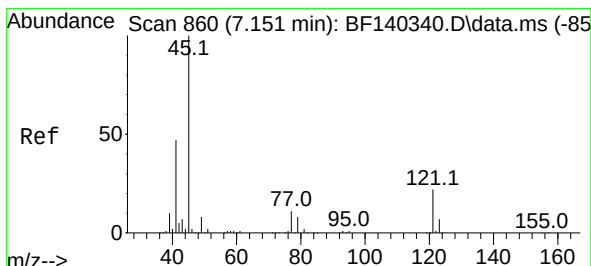
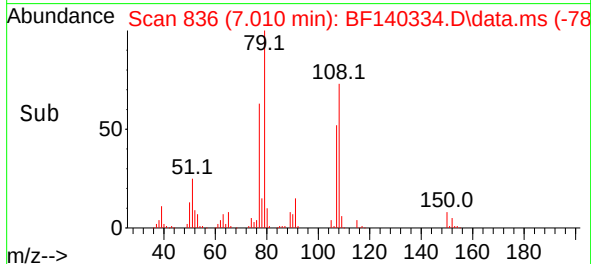
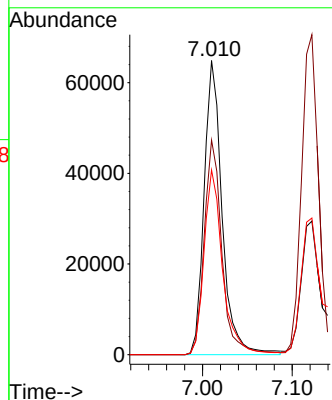
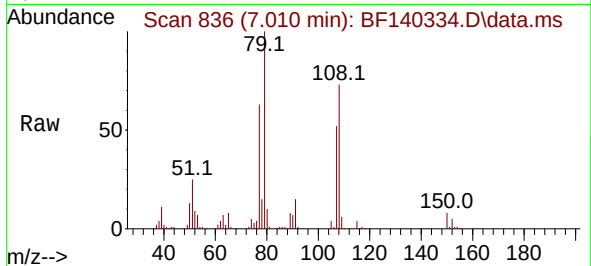




#15
Benzyl Alcohol
Concen: 10.431 ng
RT: 7.010 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

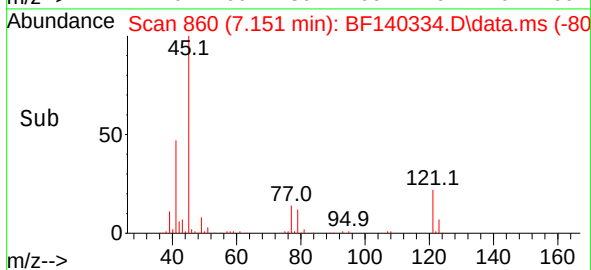
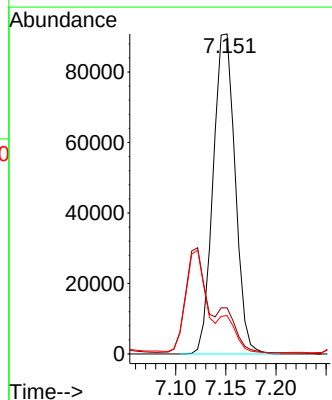
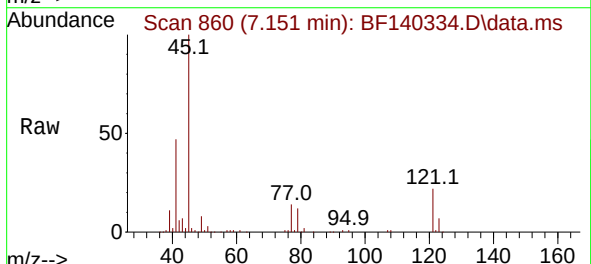
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

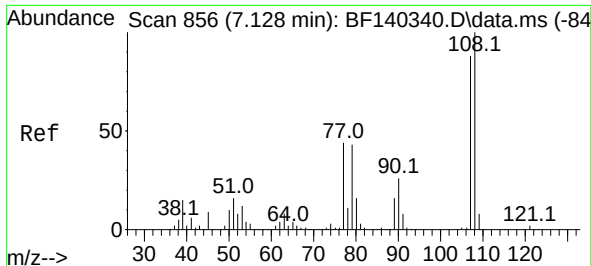
Tgt Ion: 79 Resp: 90500
Ion Ratio Lower Upper
79 100
108 73.0 57.8 86.6
77 62.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.425 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 45 Resp: 138565
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.8
79 12.0 0.0 31.4

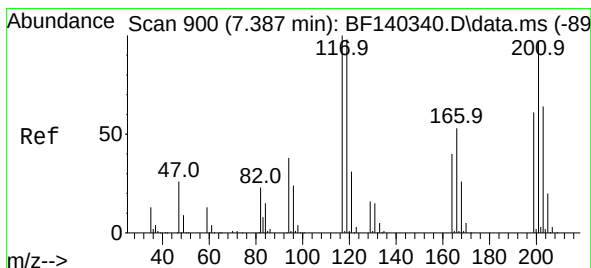
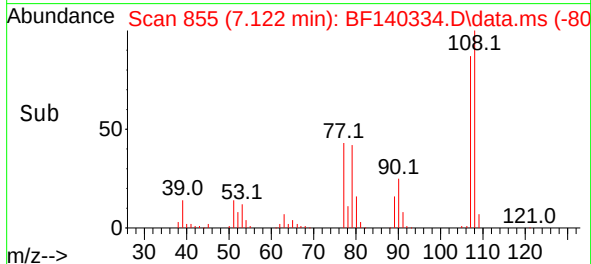
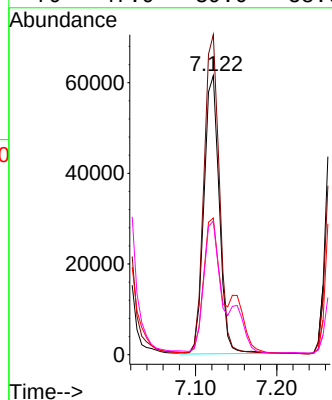
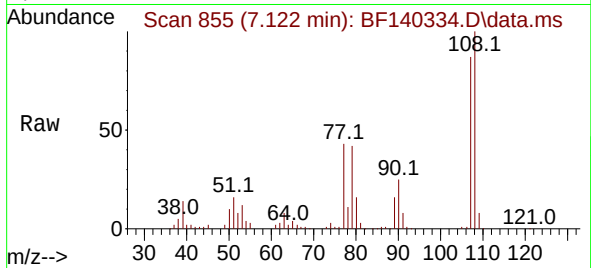




#17
2-Methylphenol
Concen: 10.258 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

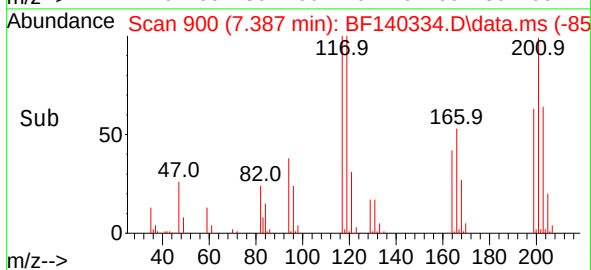
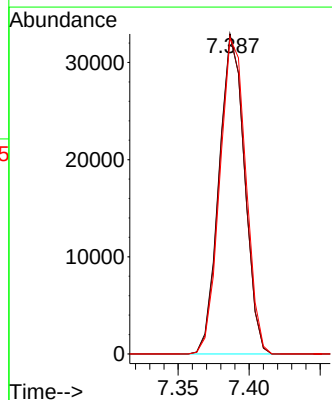
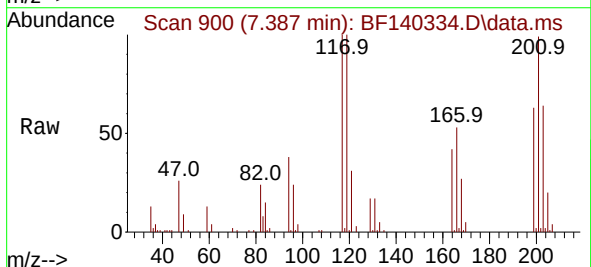
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

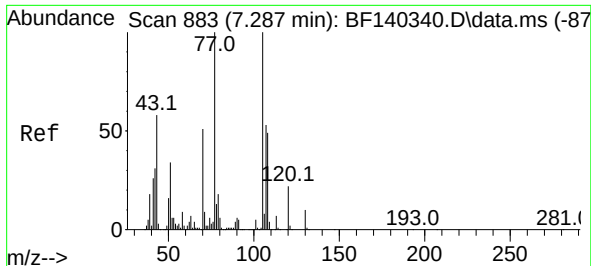
Tgt Ion:	107	Resp:	80567
Ion Ratio	Lower	Upper	
107	100		
108	114.7	91.9	137.9
77	49.0	39.7	59.5
79	47.9	39.0	58.6



#18
Hexachloroethane
Concen: 10.431 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:	117	Resp:	41189
Ion Ratio	Lower	Upper	
117	100		
119	99.6	76.9	115.3
201	98.7	80.2	120.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.460 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF140334.D

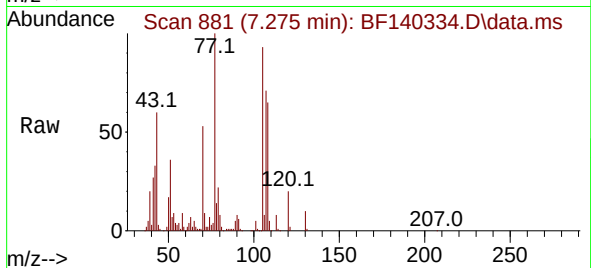
Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 76077

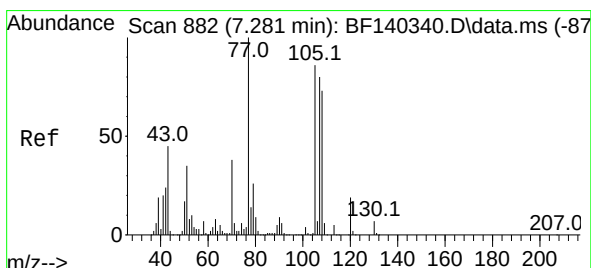
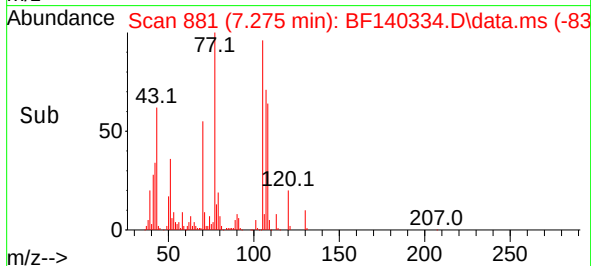
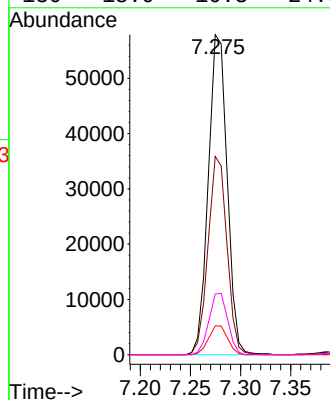
Ion Ratio Lower Upper

70 100

42 62.0 46.8 70.2

101 9.0 7.5 11.3

130 18.9 16.3 24.5



#20

3+4-Methylphenols

Concen: 11.022 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion: 107 Resp: 108265

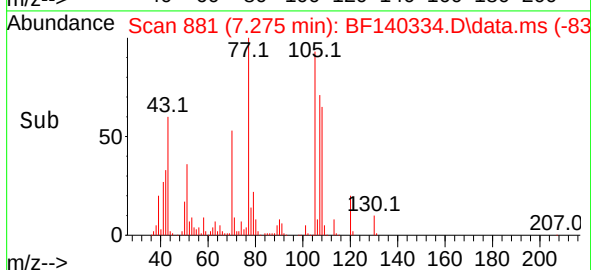
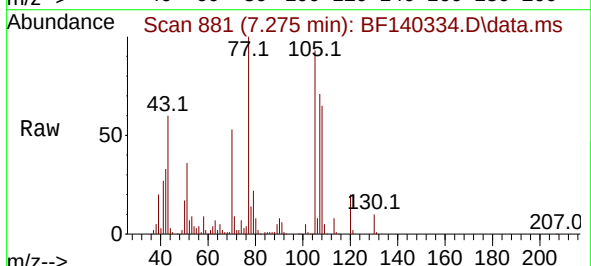
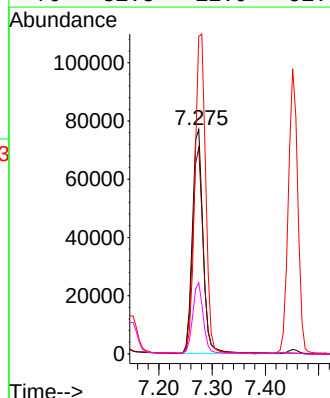
Ion Ratio Lower Upper

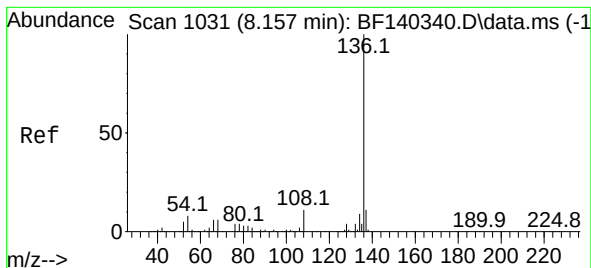
107 100

108 91.9 71.4 111.4

77 141.5 97.0 137.0#

79 31.8 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 576727

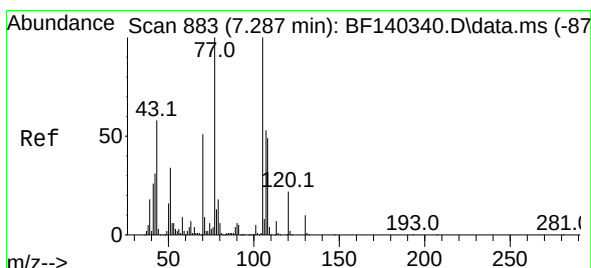
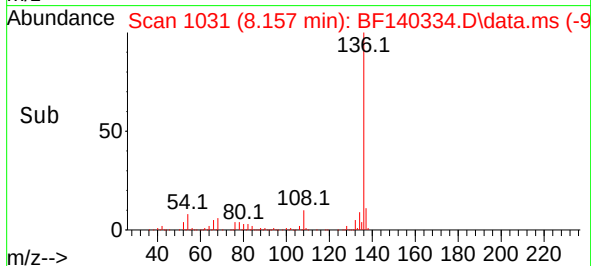
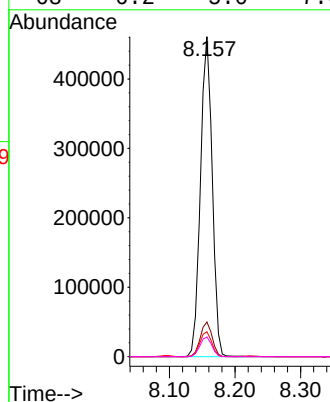
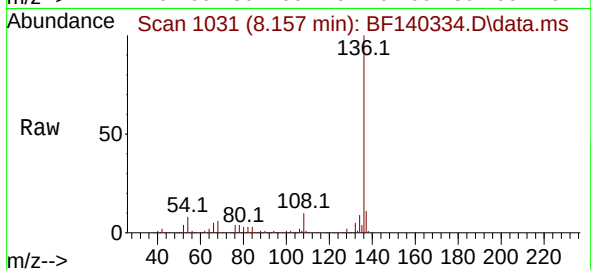
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 6.5 9.7

68 6.2 5.0 7.6



#22

Acetophenone

Concen: 10.925 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:105 Resp: 146536

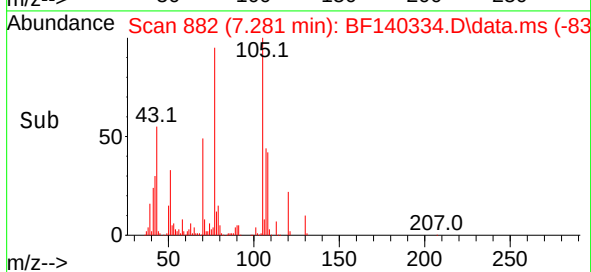
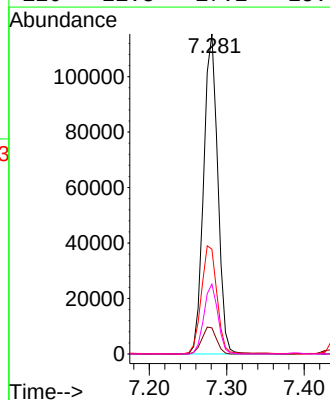
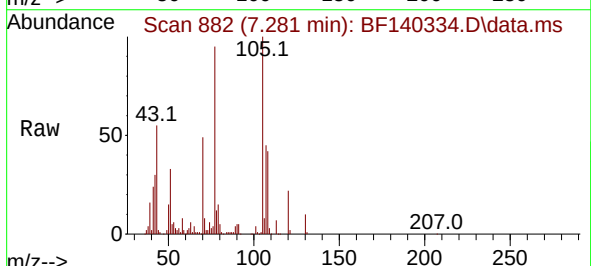
Ion Ratio Lower Upper

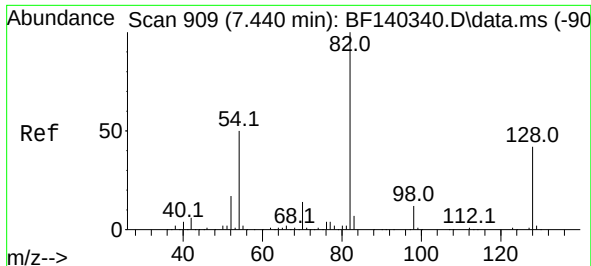
105 100

71 8.2 6.9 10.3

51 32.8 28.6 43.0

120 21.8 17.2 25.8





#23

Nitrobenzene-d5

Concen: 20.872 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

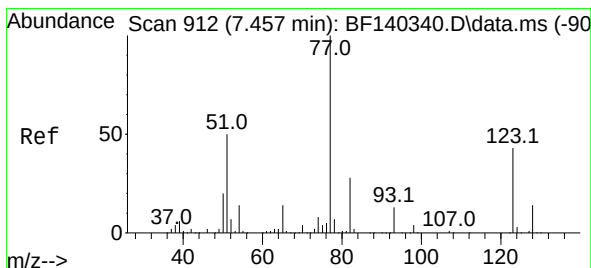
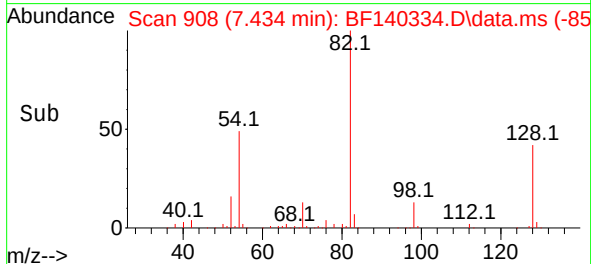
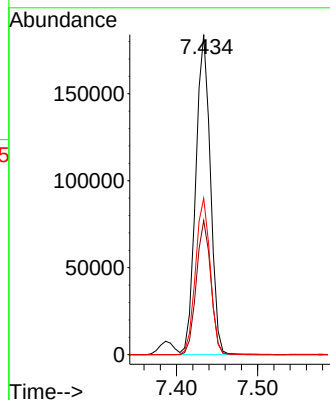
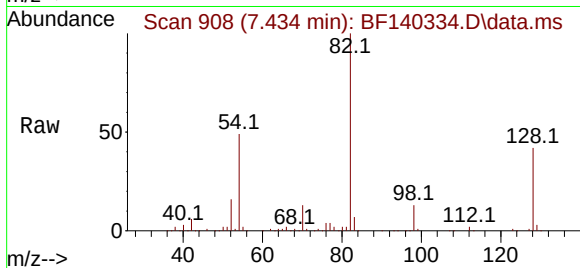
Tgt Ion: 82 Resp: 231031

Ion Ratio Lower Upper

82 100

128 41.9 33.3 49.9

54 48.9 39.8 59.8



#24

Nitrobenzene

Concen: 10.534 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

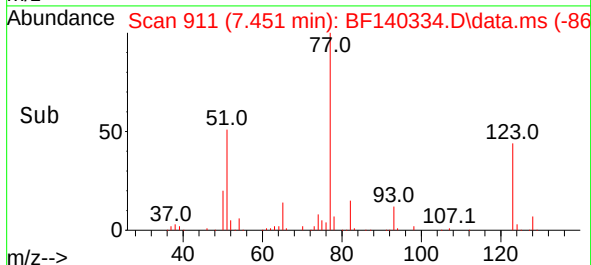
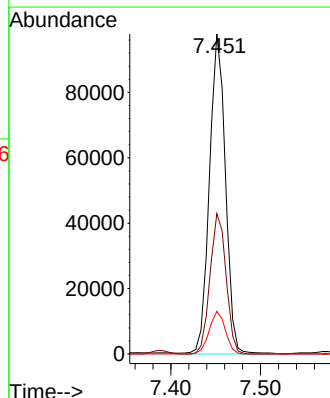
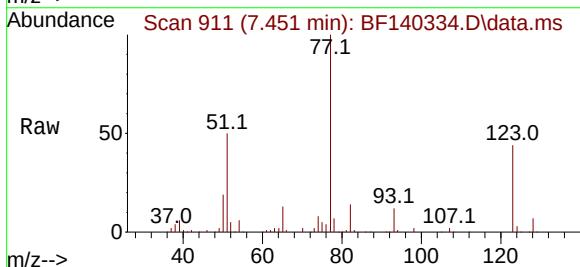
Tgt Ion: 77 Resp: 121397

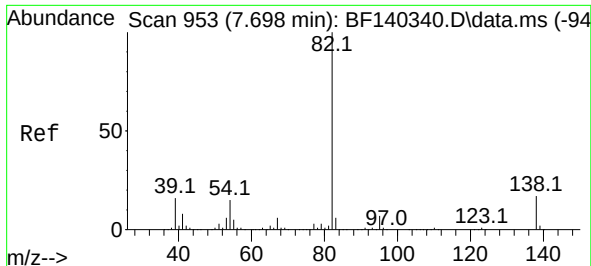
Ion Ratio Lower Upper

77 100

123 43.8 35.4 53.0

65 13.3 11.1 16.7

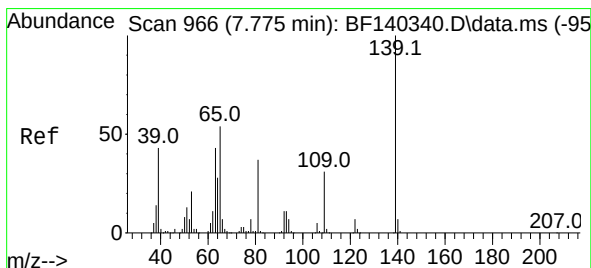
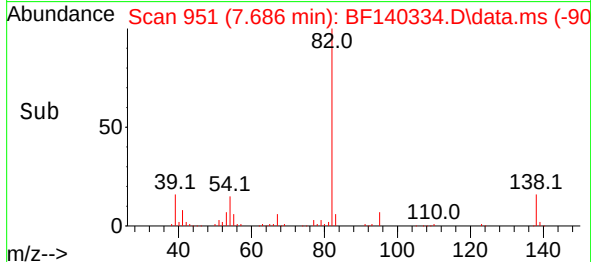
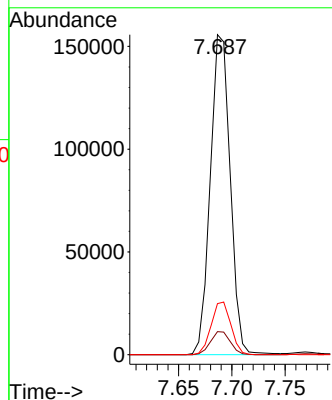
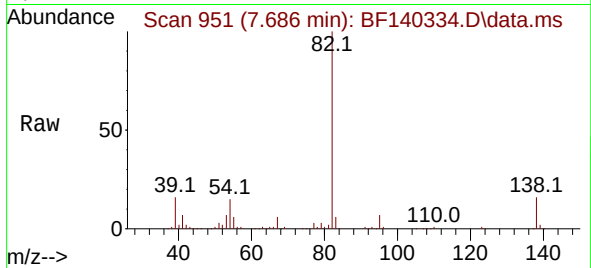




#25
Isophorone
Concen: 10.313 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

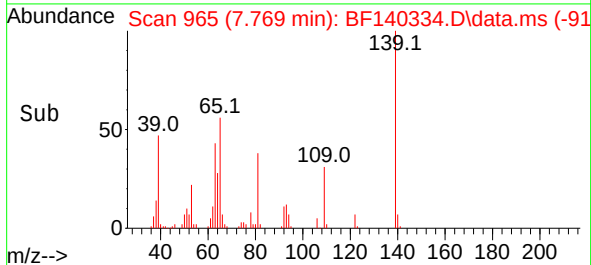
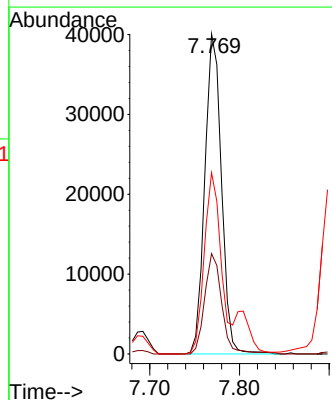
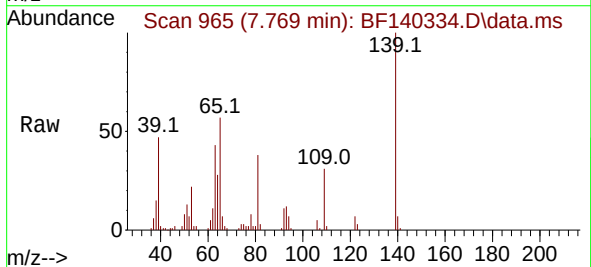
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

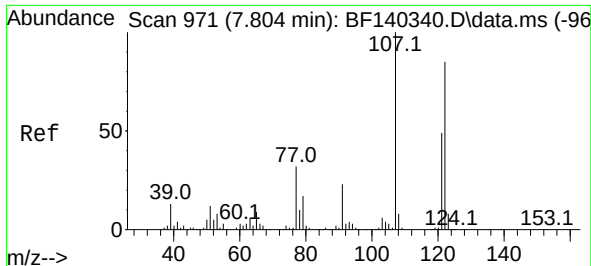
Tgt Ion: 82 Resp: 202309
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.0 13.4 20.2



#26
2-Nitrophenol
Concen: 10.079 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:139 Resp: 51547
Ion Ratio Lower Upper
139 100
109 31.4 24.4 36.6
65 56.6 42.8 64.2

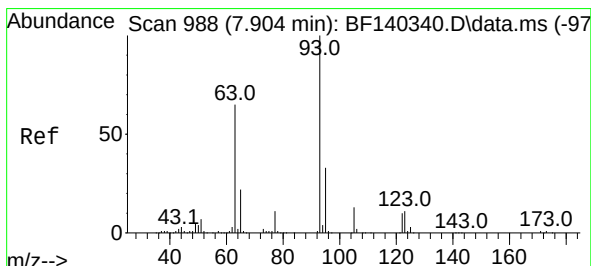
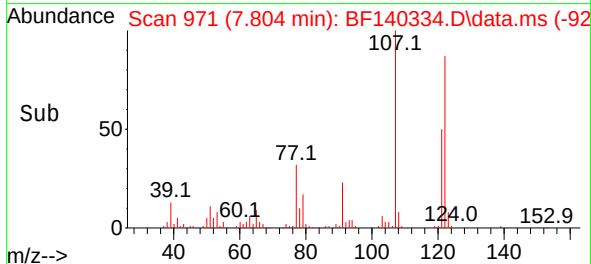
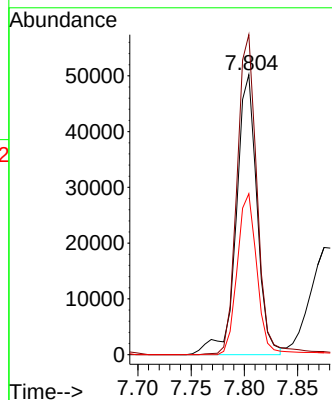
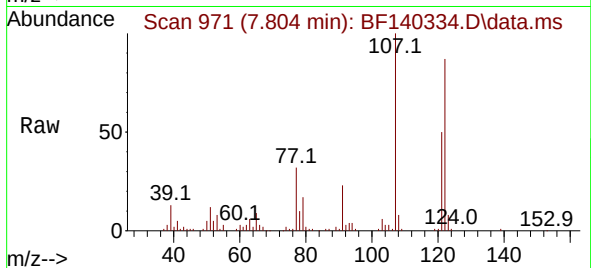




#27
2,4-Dimethylphenol
Concen: 10.396 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

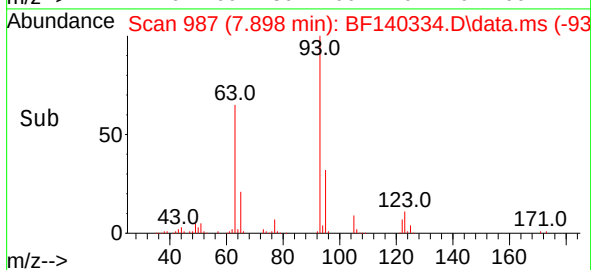
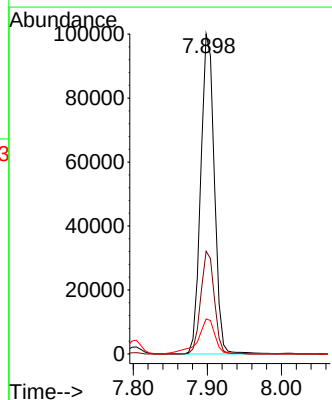
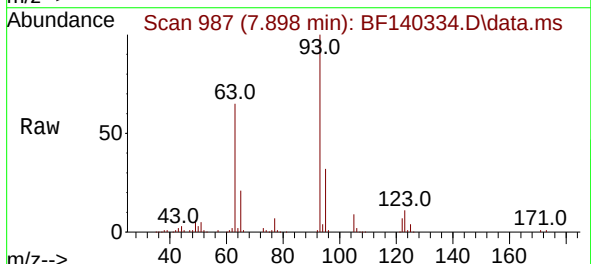
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

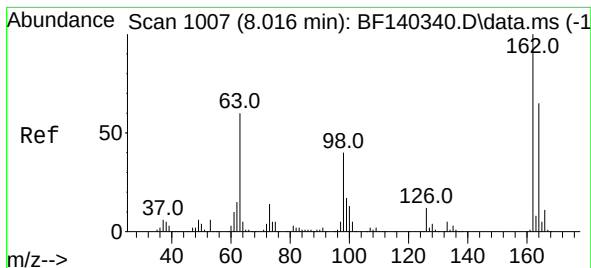
Tgt Ion:122 Resp: 68066
Ion Ratio Lower Upper
122 100
107 114.3 91.3 136.9
121 57.5 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 10.594 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion: 93 Resp: 127440
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.0 9.2 13.8

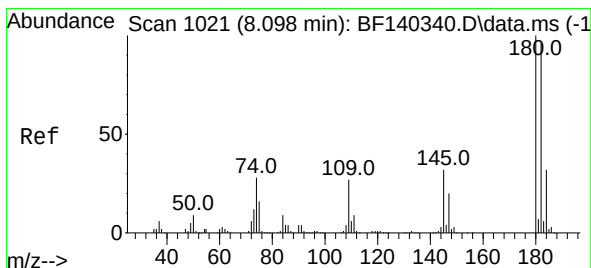
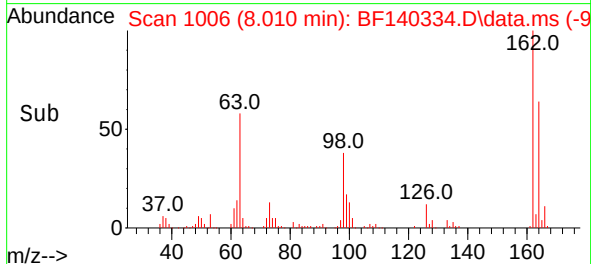
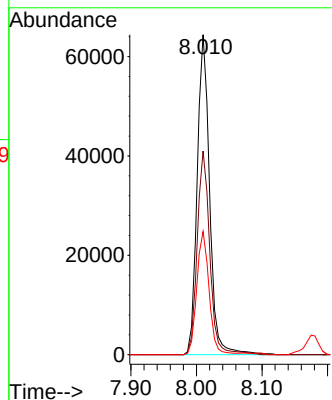
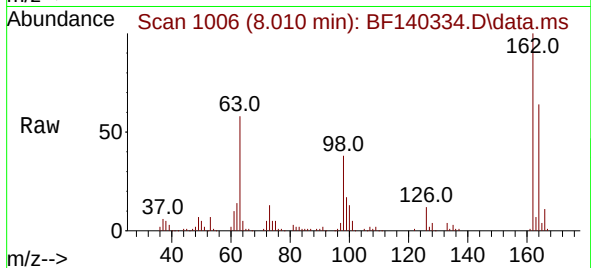




#29
2,4-Dichlorophenol
Concen: 10.540 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

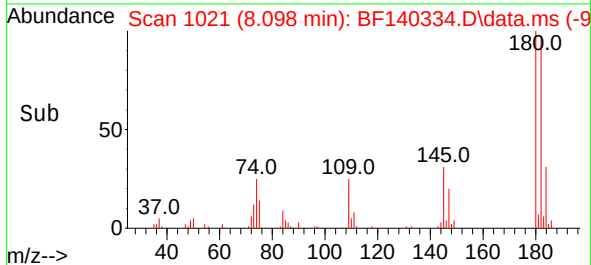
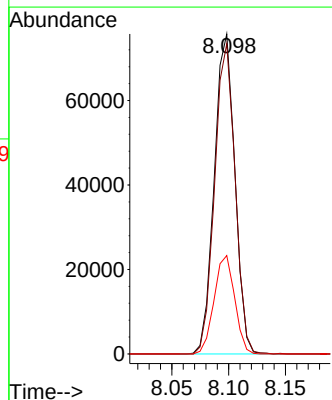
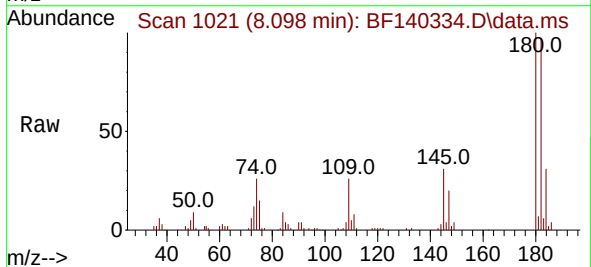
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

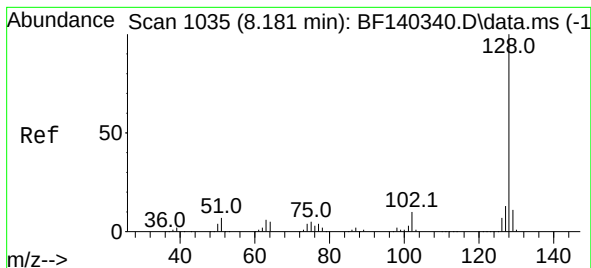
Tgt Ion:162 Resp: 85290
Ion Ratio Lower Upper
162 100
164 63.6 45.4 85.4
98 38.5 19.9 59.9



#30
1,2,4-Trichlorobenzene
Concen: 10.599 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:180 Resp: 95485
Ion Ratio Lower Upper
180 100
182 96.9 76.5 114.7
145 30.8 25.3 37.9





#31

Naphthalene

Concen: 10.887 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

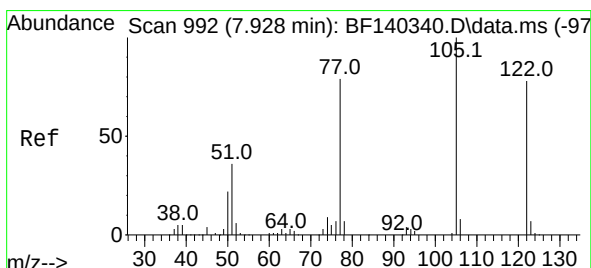
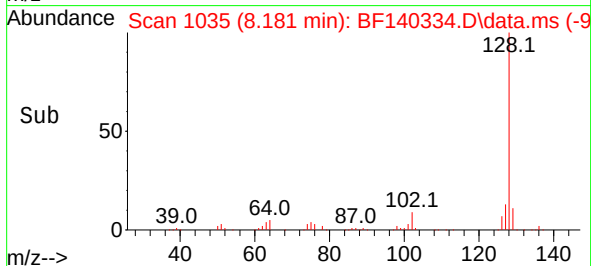
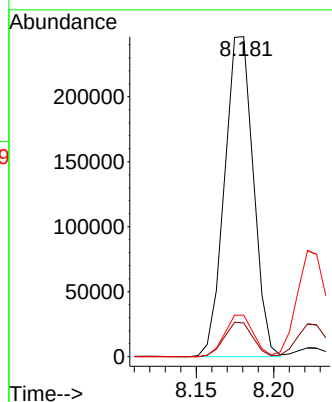
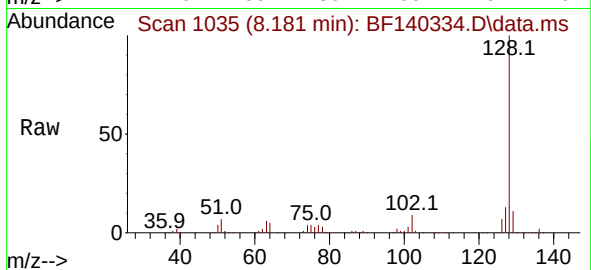
Tgt Ion:128 Resp: 318527

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 13.0 10.6 15.8



#32

Benzoic acid

Concen: 8.007 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.053 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

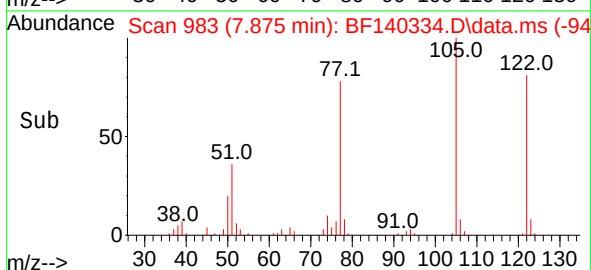
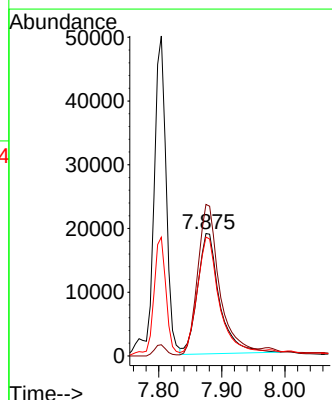
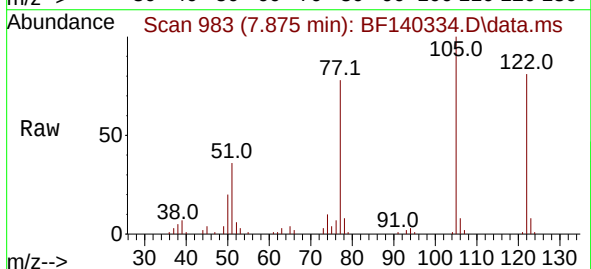
Tgt Ion:122 Resp: 46052

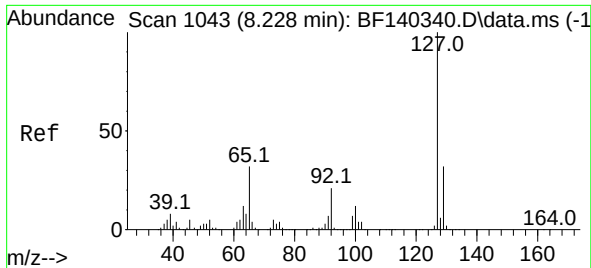
Ion Ratio Lower Upper

122 100

105 123.8 100.9 140.9

77 97.1 76.0 116.0





#33

4-Chloroaniline

Concen: 10.936 ng

RT: 8.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 111264

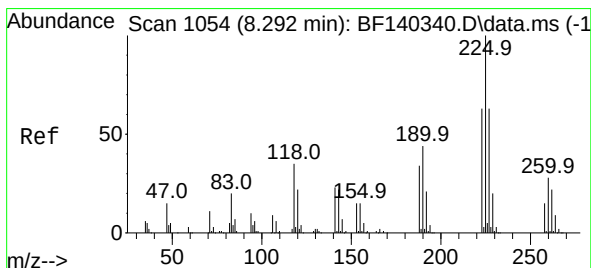
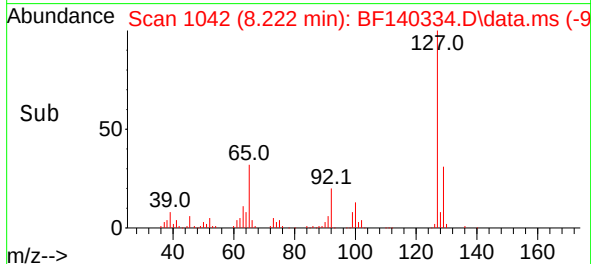
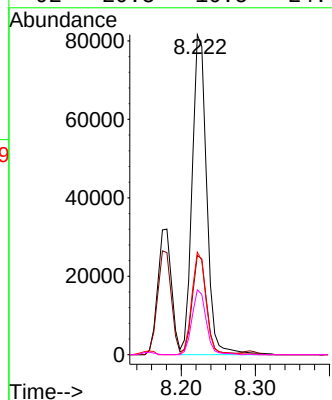
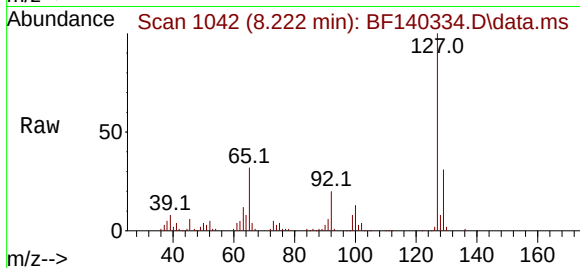
Ion Ratio Lower Upper

127 100

129 31.0 26.2 39.4

65 32.1 25.8 38.6

92 20.3 16.5 24.7



#34

Hexachlorobutadiene

Concen: 10.731 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

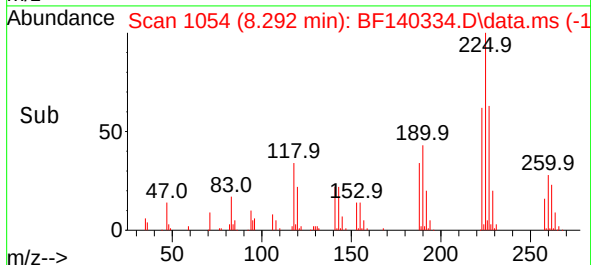
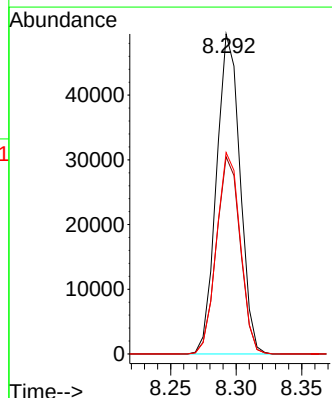
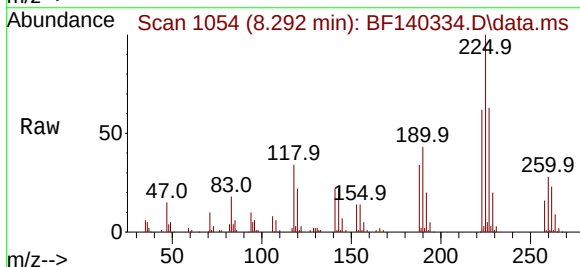
Tgt Ion:225 Resp: 61596

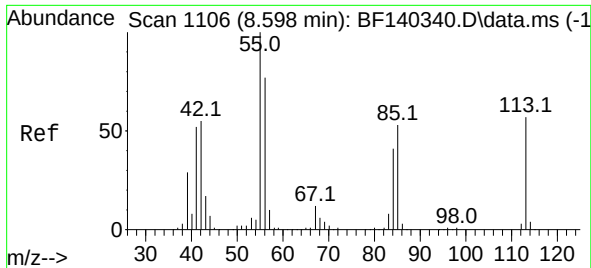
Ion Ratio Lower Upper

225 100

223 61.6 50.1 75.1

227 63.0 51.3 76.9





#35

Caprolactam

Concen: 9.902 ng

RT: 8.563 min Scan# 1100

Delta R.T. -0.035 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

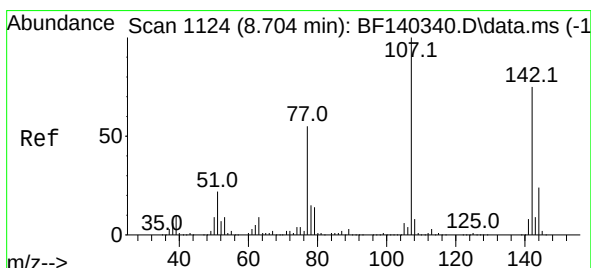
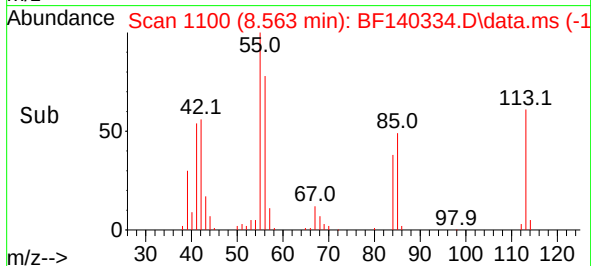
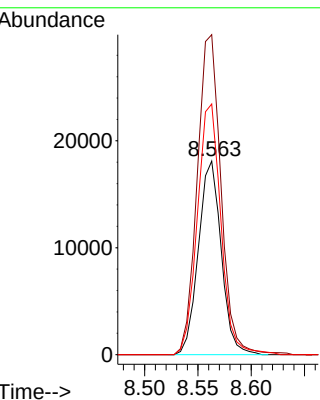
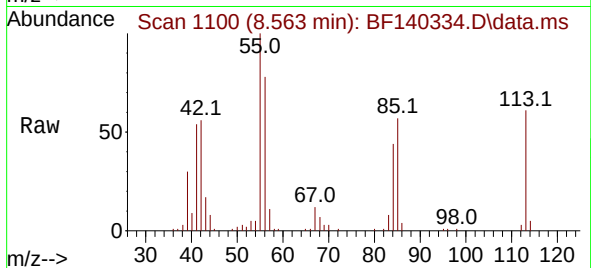
Tgt Ion:113 Resp: 26940

Ion Ratio Lower Upper

113 100

55 165.2 150.0 190.0

56 129.5 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 10.514 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

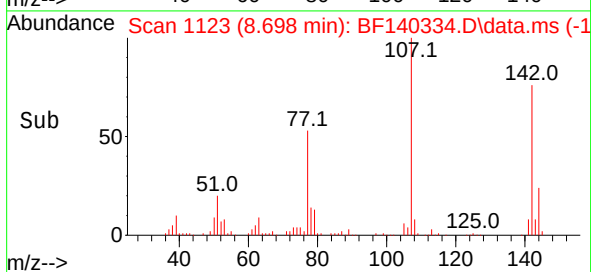
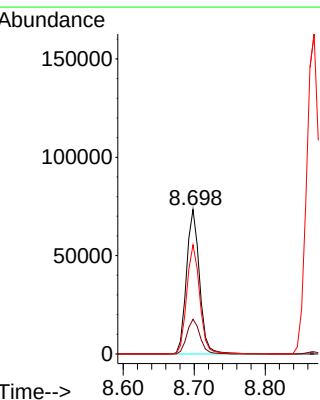
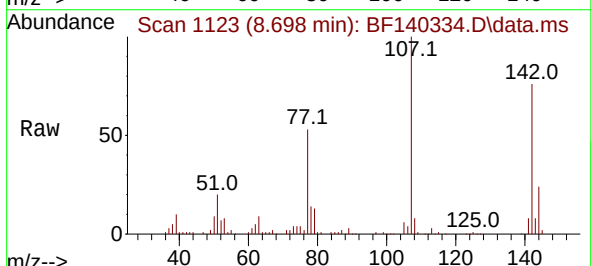
Tgt Ion:107 Resp: 94282

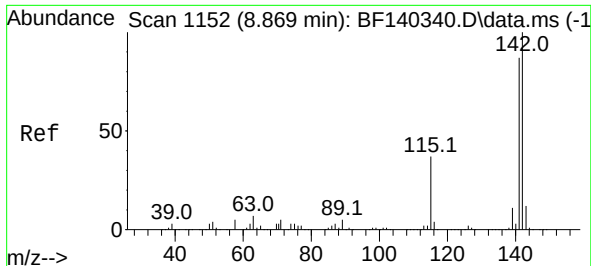
Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

142 75.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 10.850 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

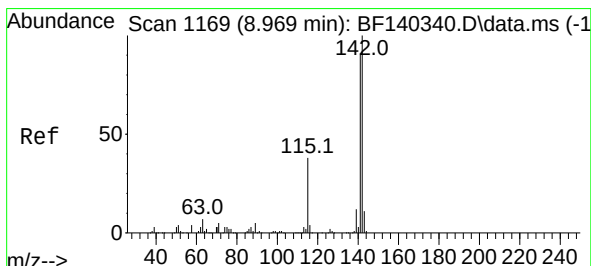
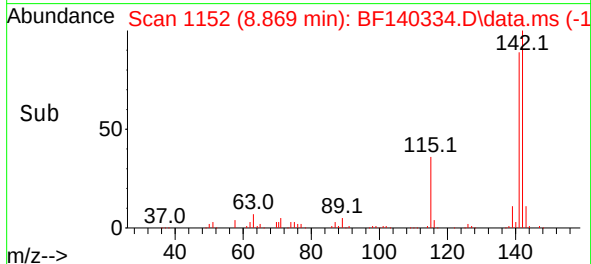
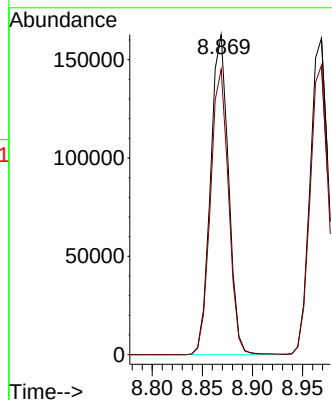
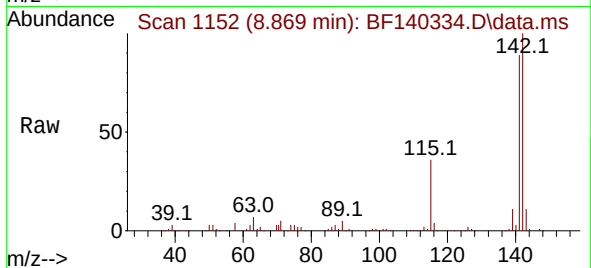
SSTDICC010

Tgt Ion:142 Resp: 203533

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 10.926 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140334.D

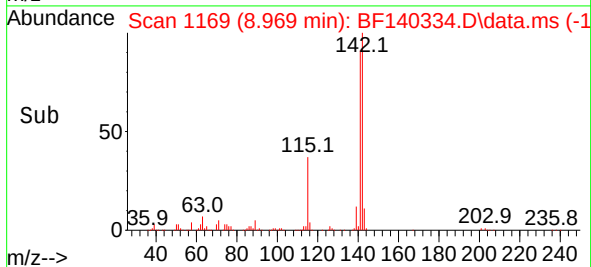
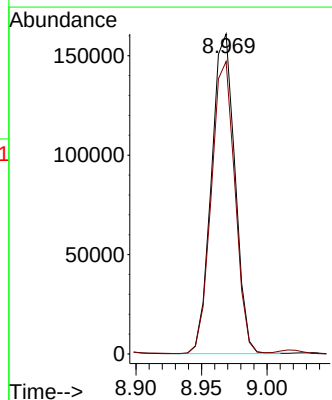
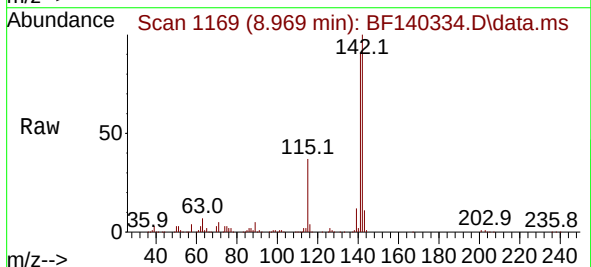
Acq: 13 Nov 2024 09:53

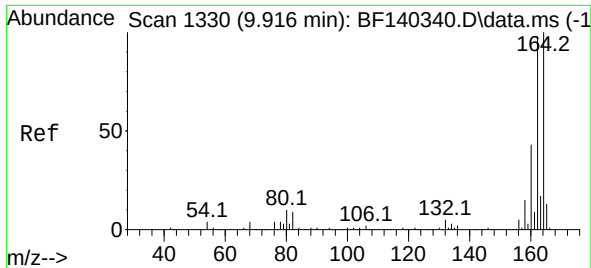
Tgt Ion:142 Resp: 200722

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

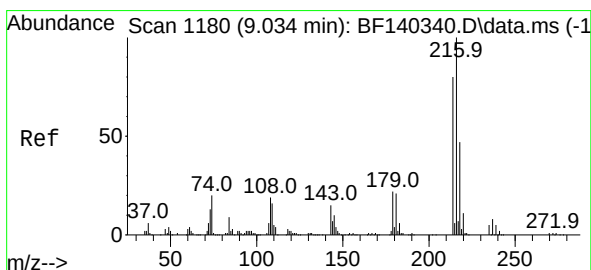
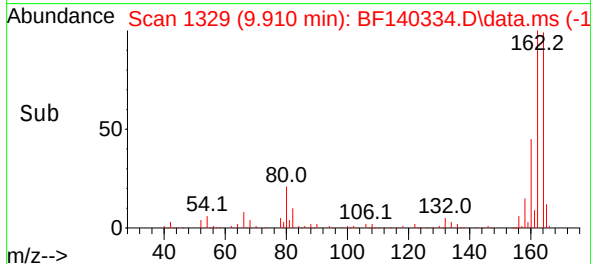
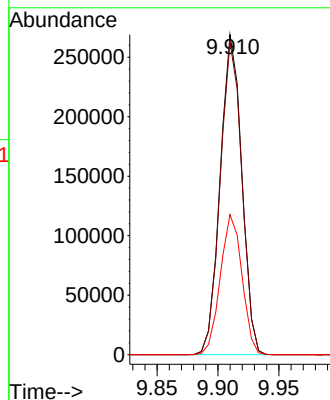
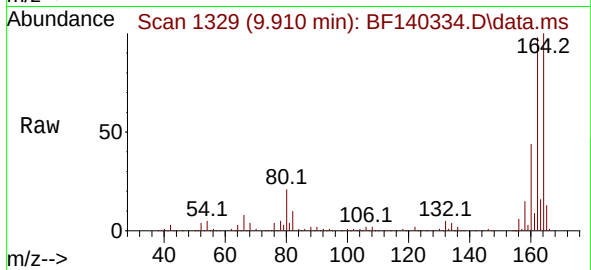
Tgt Ion:164 Resp: 332343

Ion Ratio Lower Upper

164 100

162 97.7 79.8 119.8

160 43.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.573 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:216 Resp: 97174

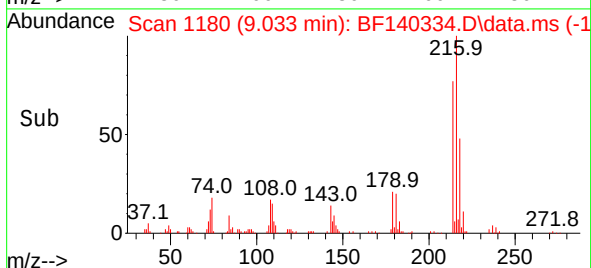
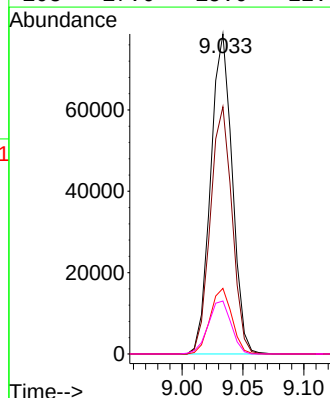
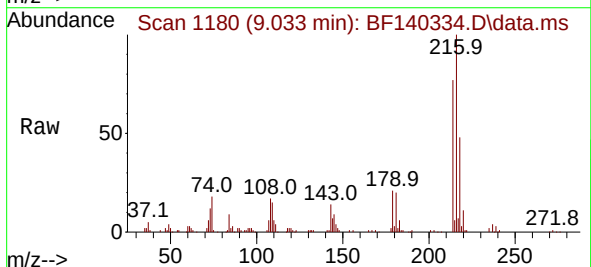
Ion Ratio Lower Upper

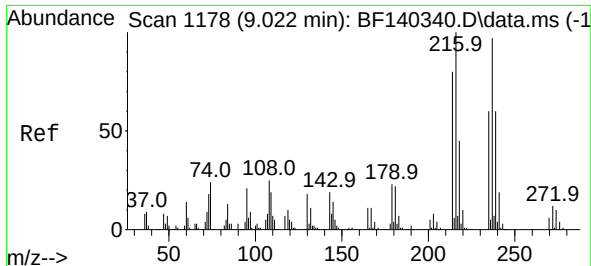
216 100

214 77.6 63.2 94.8

179 20.6 17.2 25.8

108 17.6 15.0 22.4

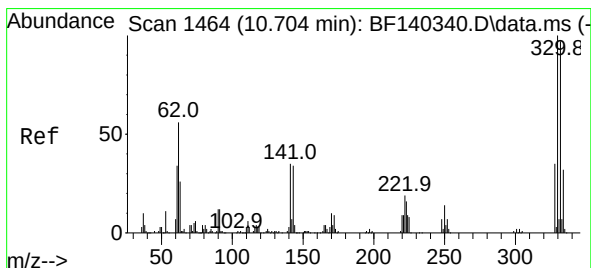
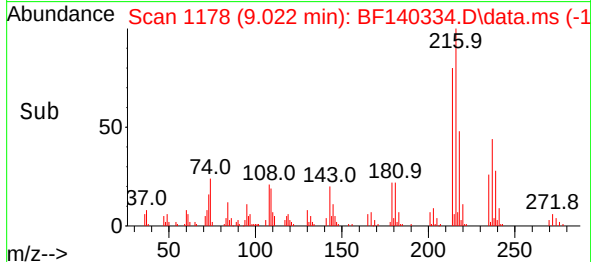
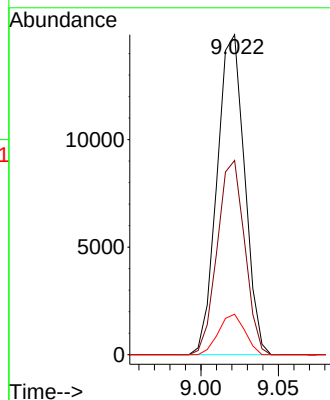
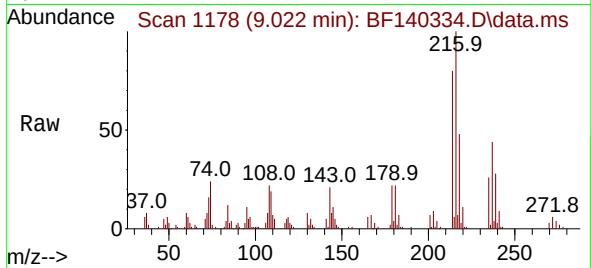




#41
Hexachlorocyclopentadiene
Concen: 7.800 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

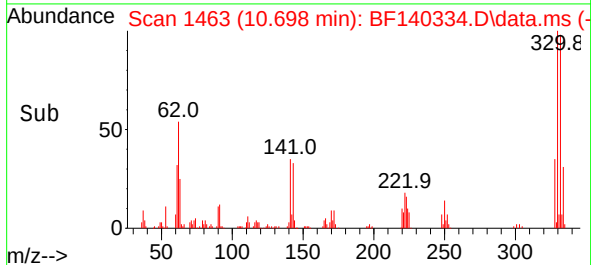
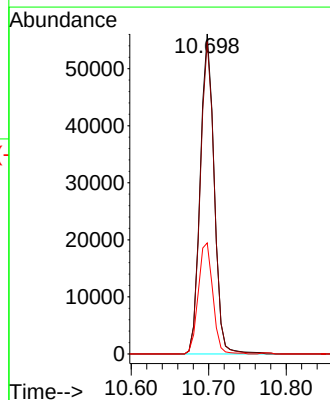
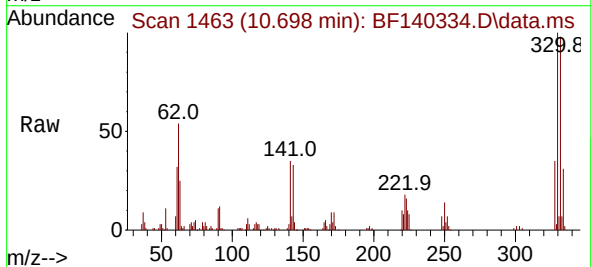
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

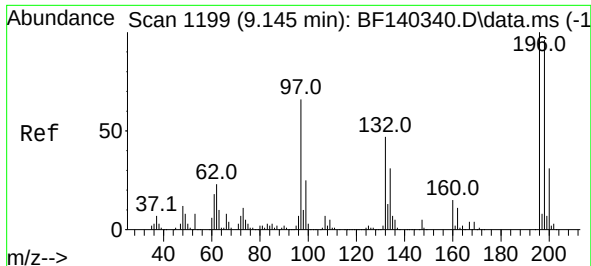
Tgt Ion:237 Resp: 18405
Ion Ratio Lower Upper
237 100
235 60.7 42.8 82.8
272 12.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 21.193 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:330 Resp: 70040
Ion Ratio Lower Upper
330 100
332 97.5 75.9 113.9
141 36.1 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 10.302 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF140334.D

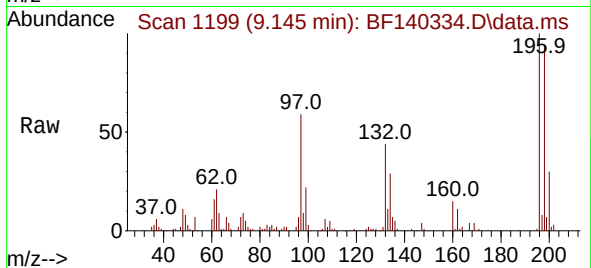
Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010



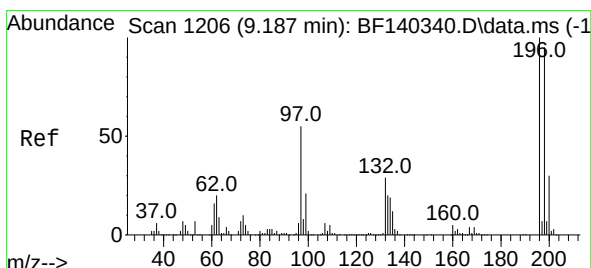
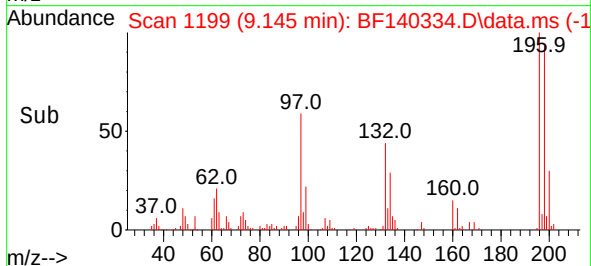
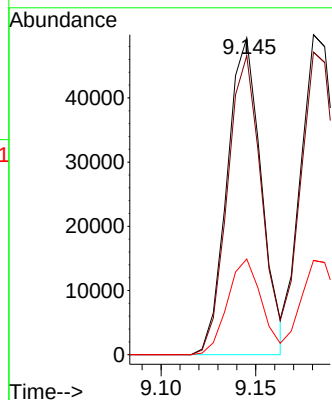
Tgt Ion:196 Resp: 62134

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.4

200 30.2 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 10.520 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Tgt Ion:196 Resp: 69370

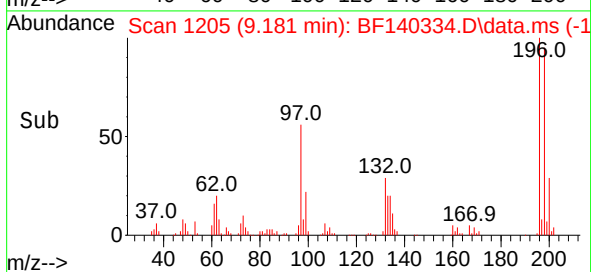
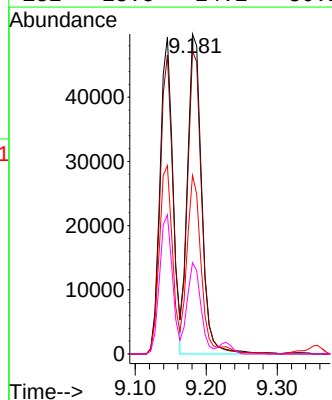
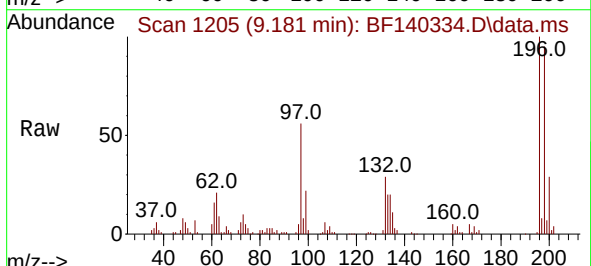
Ion Ratio Lower Upper

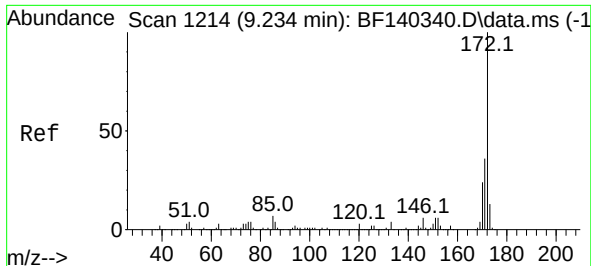
196 100

198 94.6 77.6 116.4

97 55.8 45.4 68.2

132 28.5 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 22.441 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

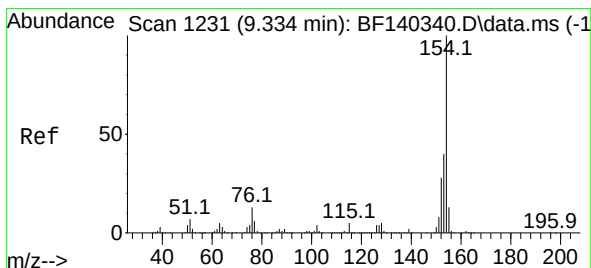
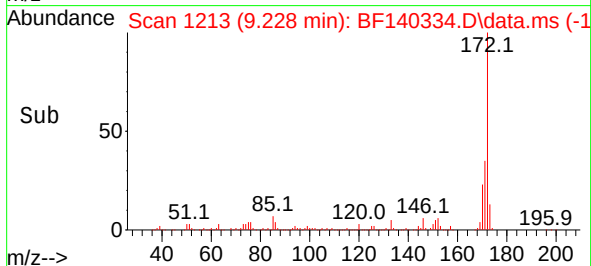
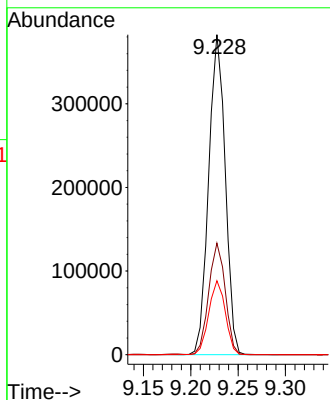
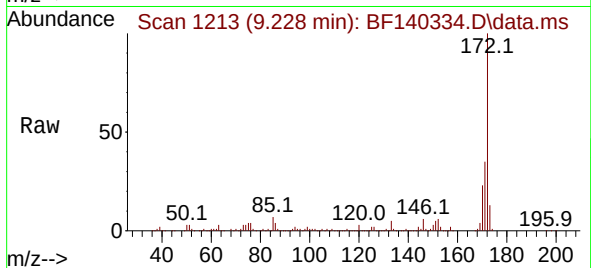
Tgt Ion:172 Resp: 463950

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

170 23.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 10.796 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

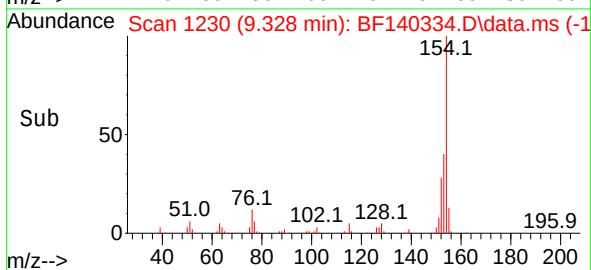
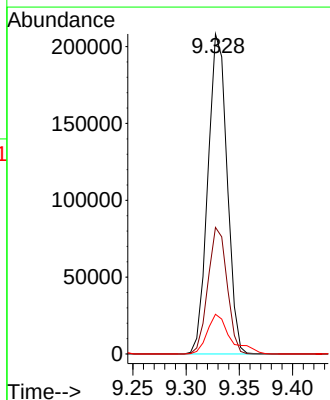
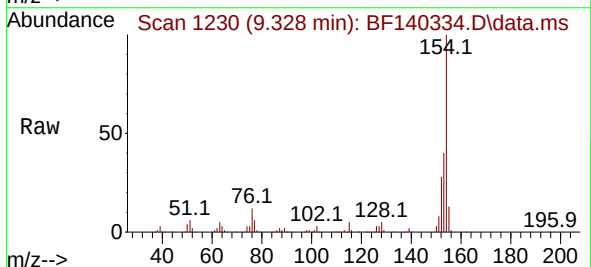
Tgt Ion:154 Resp: 261030

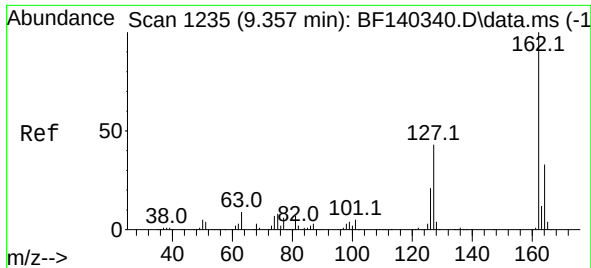
Ion Ratio Lower Upper

154 100

153 39.5 20.4 60.4

76 12.4 0.0 32.9





#47

2-Chloronaphthalene

Concen: 10.662 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

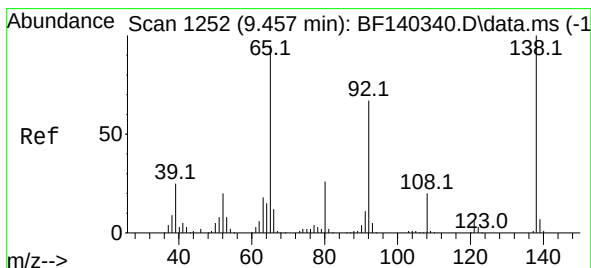
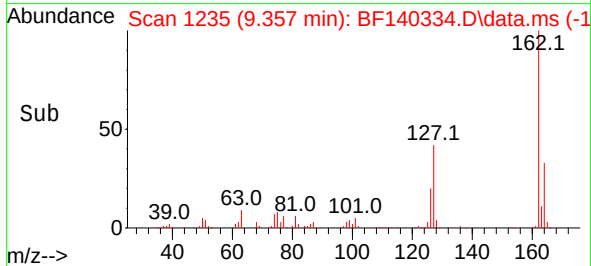
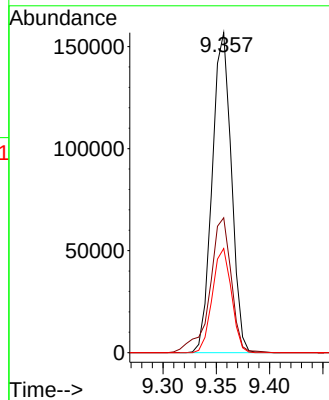
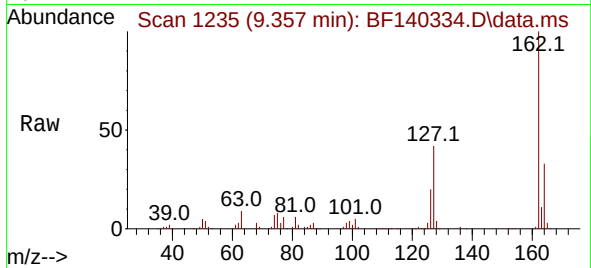
Tgt Ion:162 Resp: 196370

Ion Ratio Lower Upper

162 100

127 42.1 34.0 51.0

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 9.927 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

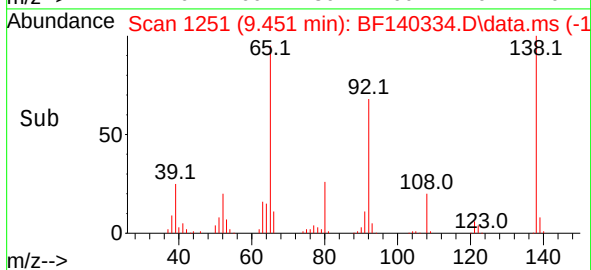
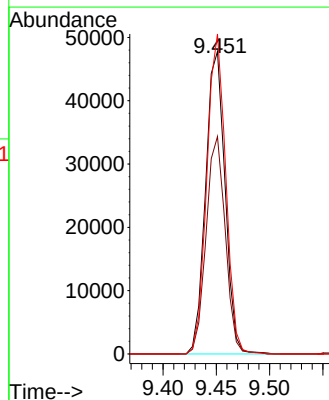
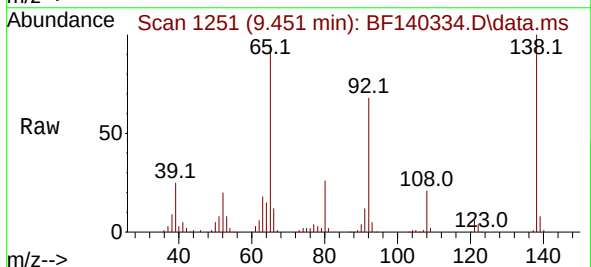
Tgt Ion: 65 Resp: 60634

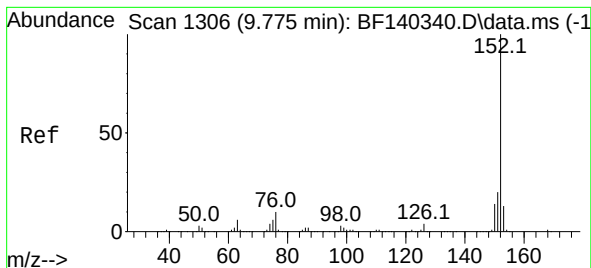
Ion Ratio Lower Upper

65 100

92 71.8 56.4 84.6

138 105.7 84.8 127.2





#49

Acenaphthylene

Concen: 10.749 ng

RT: 9.769 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF140334.D

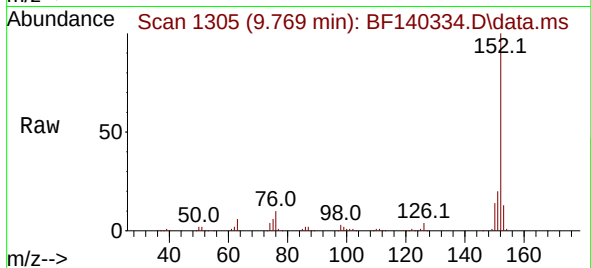
Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



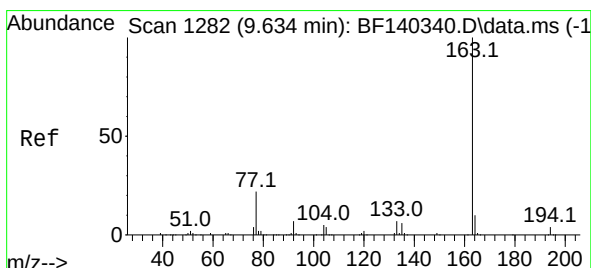
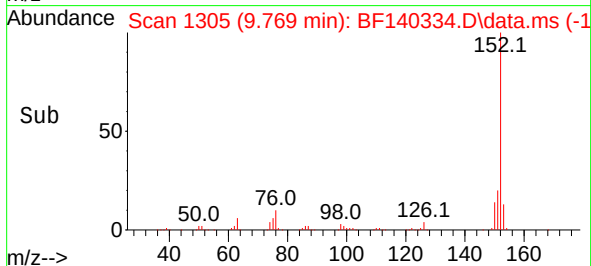
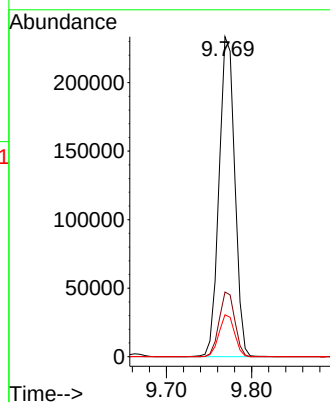
Tgt Ion:152 Resp: 299521

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 10.419 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

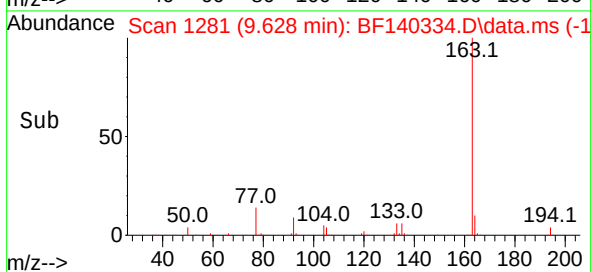
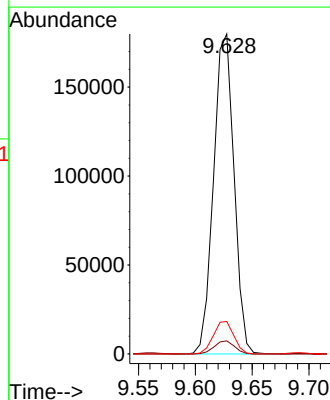
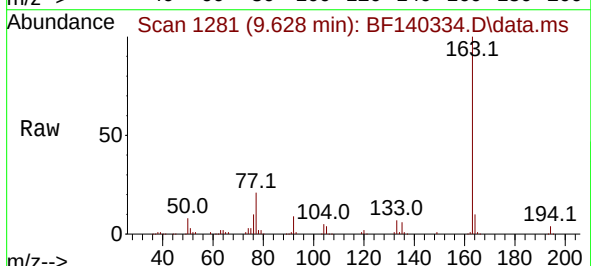
Tgt Ion:163 Resp: 225705

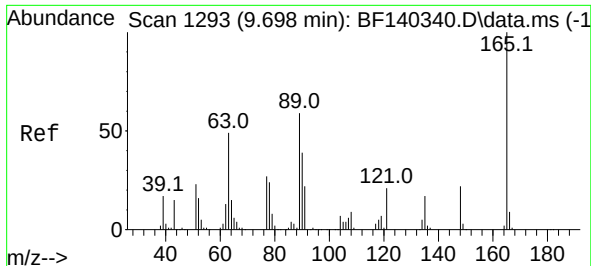
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 10.206 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

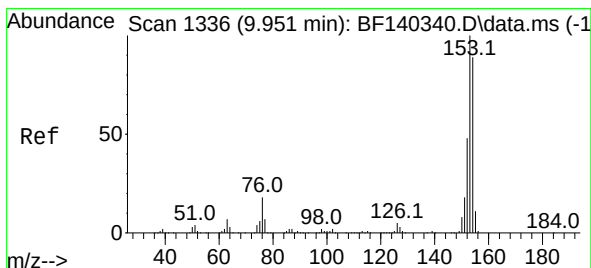
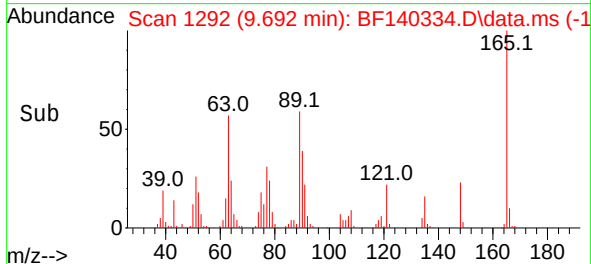
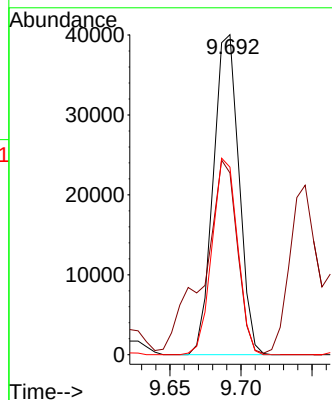
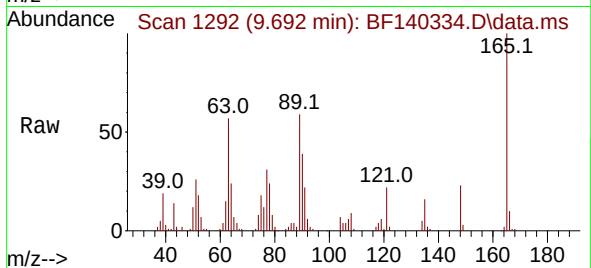
Tgt Ion:165 Resp: 50400

Ion Ratio Lower Upper

165 100

63 56.8 47.6 71.4

89 58.6 48.1 72.1



#52

Acenaphthene

Concen: 10.629 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

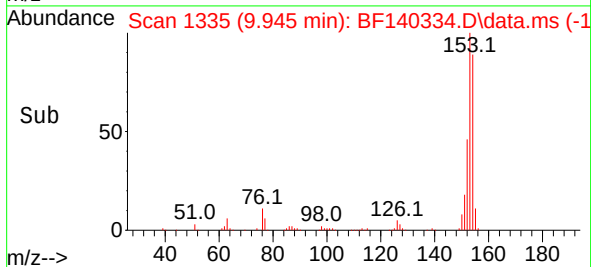
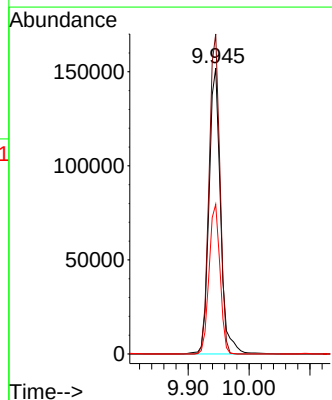
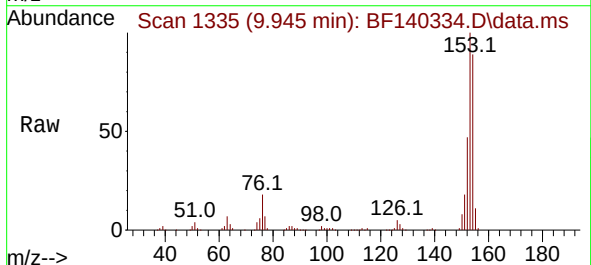
Tgt Ion:154 Resp: 200055

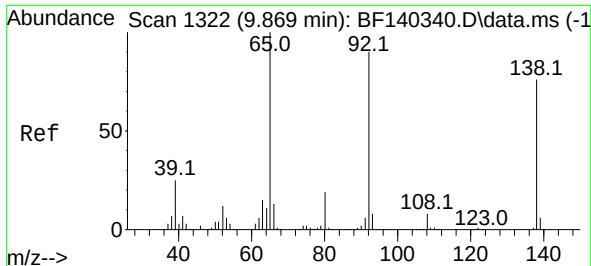
Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.8

152 52.3 42.6 64.0

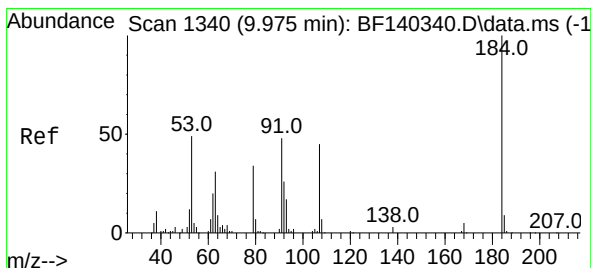
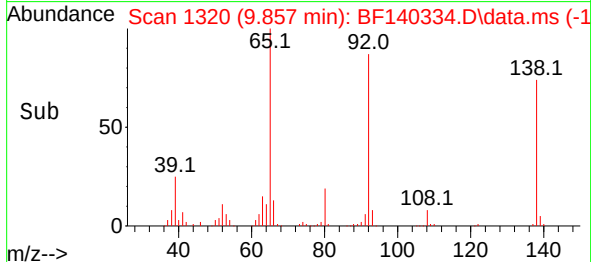
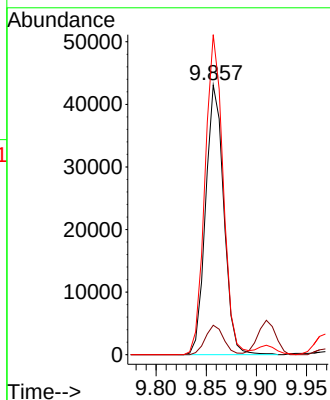
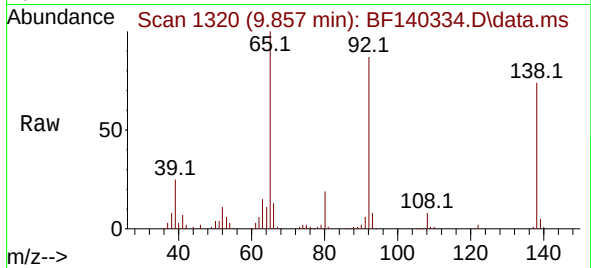




#53
3-Nitroaniline
Concen: 10.473 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

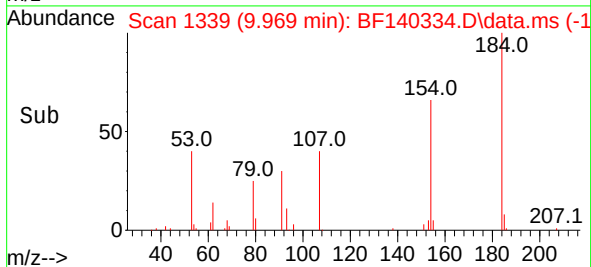
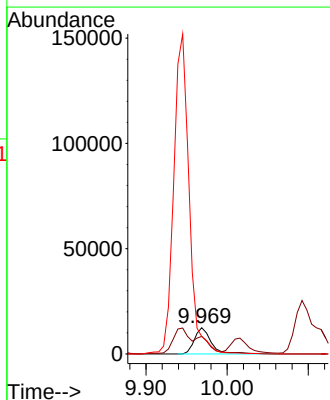
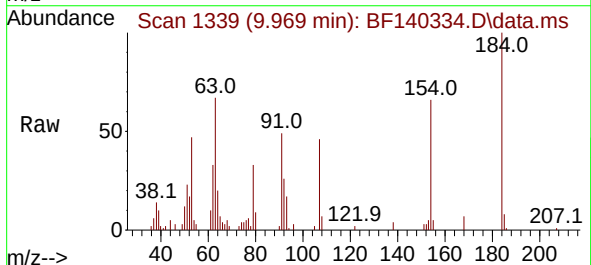
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

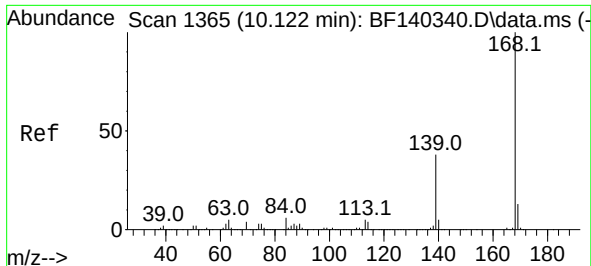
Tgt Ion:138 Resp: 54319
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 118.7 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 7.117 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:184 Resp: 18126
Ion Ratio Lower Upper
184 100
63 66.6 53.5 80.3
154 66.3 51.3 76.9

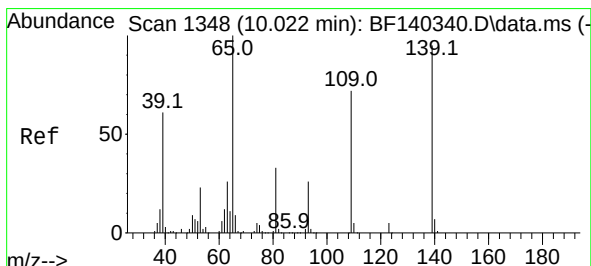
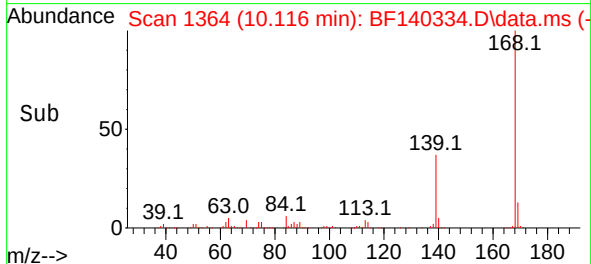
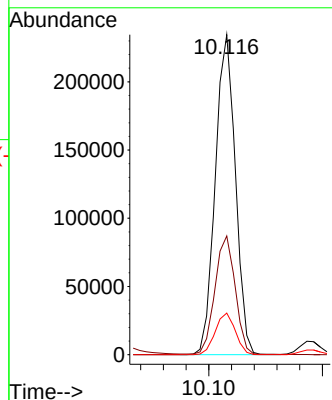
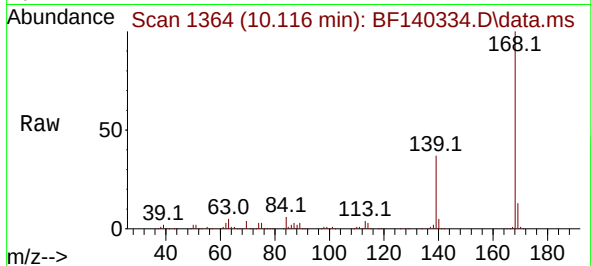




#55
Dibenzenofuran
Concen: 10.825 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

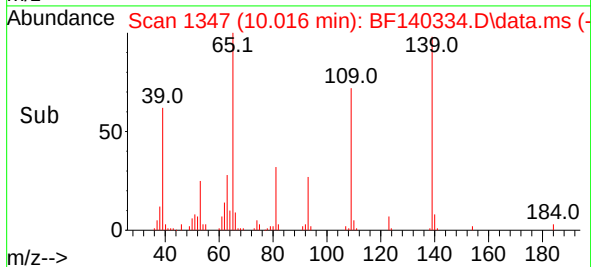
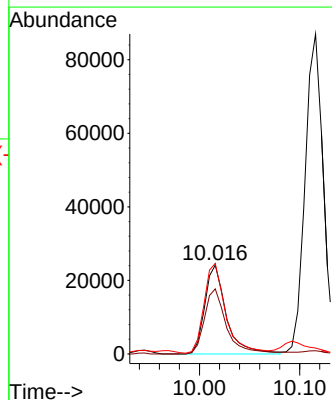
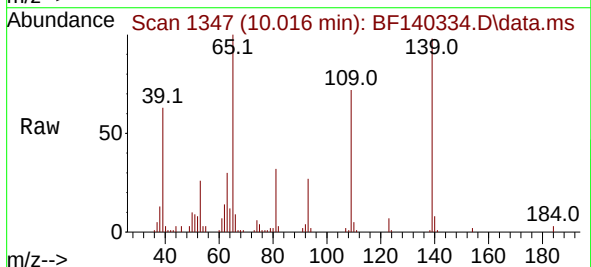
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

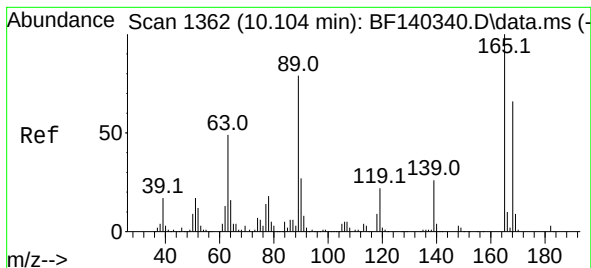
Tgt Ion:168 Resp: 288411
Ion Ratio Lower Upper
168 100
139 37.1 30.8 46.2
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 9.531 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:139 Resp: 36056
Ion Ratio Lower Upper
139 100
109 73.3 54.5 94.5
65 102.0 84.4 124.4

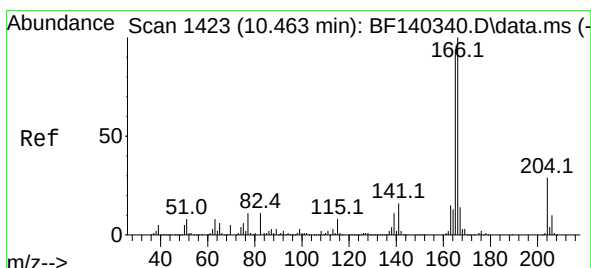
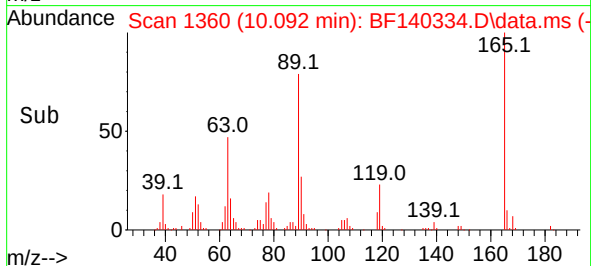
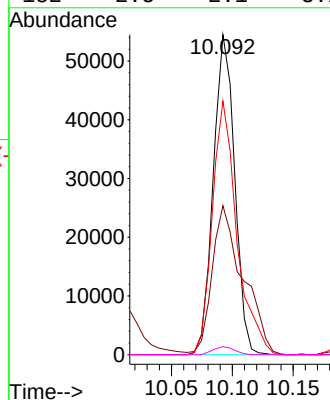
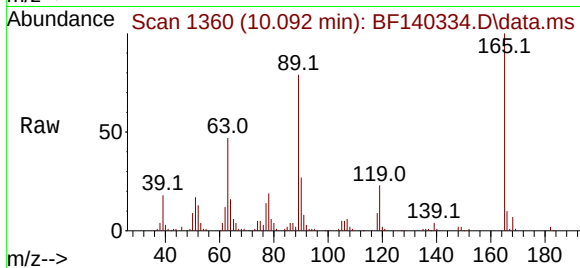




#57
2,4-Dinitrotoluene
Concen: 10.231 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

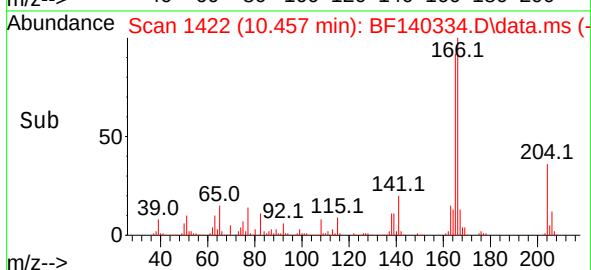
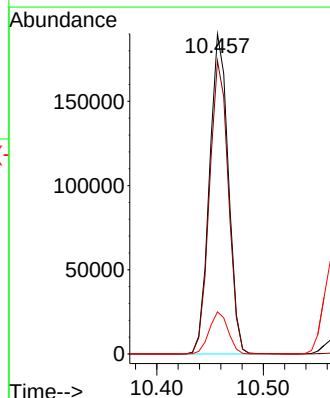
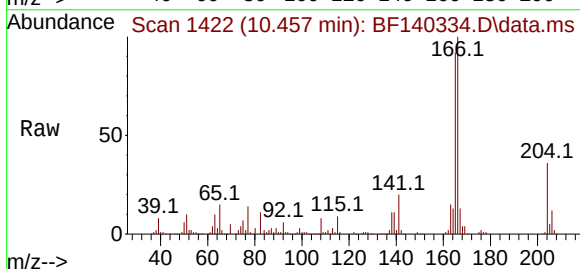
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

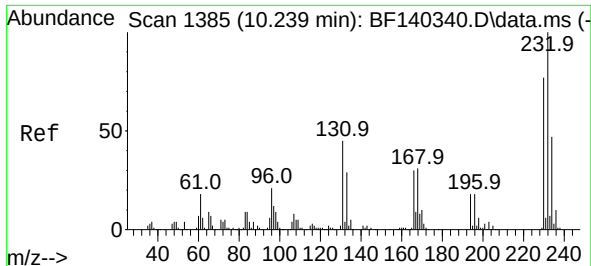
Tgt Ion:	165	Resp:	66496
Ion Ratio	Lower	Upper	
165	100		
63	46.5	39.4	59.0
89	79.2	62.4	93.6
182	2.5	2.1	3.1



#58
Fluorene
Concen: 11.080 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

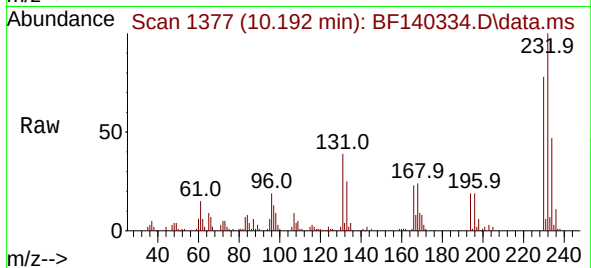
Tgt Ion:	166	Resp:	233209
Ion Ratio	Lower	Upper	
166	100		
165	91.6	73.9	110.9
167	13.2	10.9	16.3



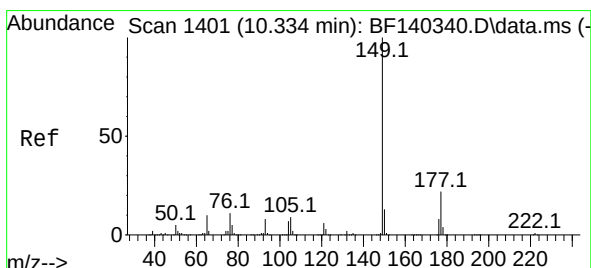
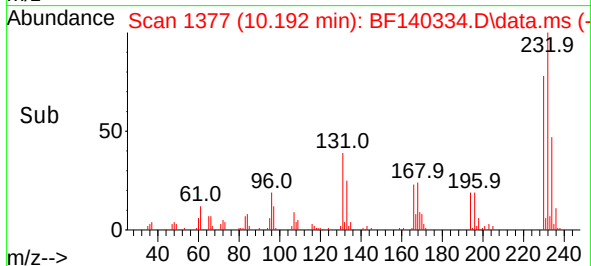
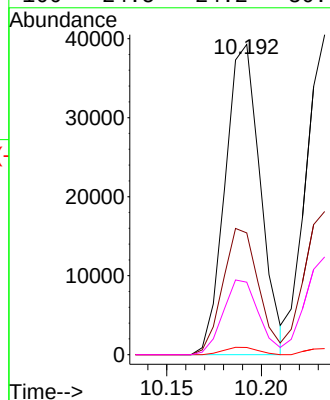


#59
2,3,4,6-Tetrachlorophenol
Concen: 9.762 ng
RT: 10.192 min Scan# 1400
Delta R.T. -0.047 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

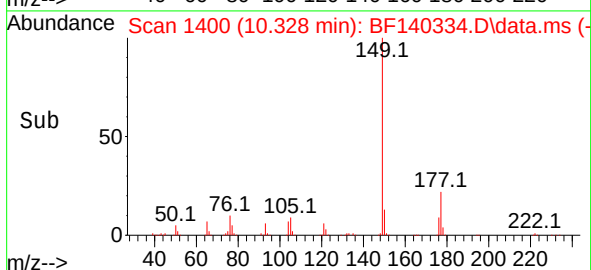
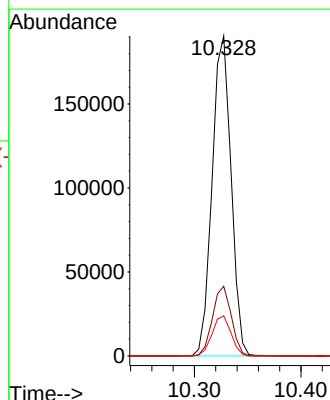
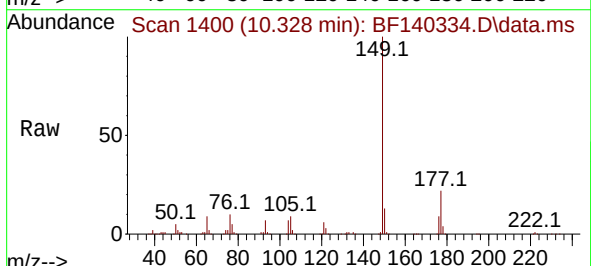


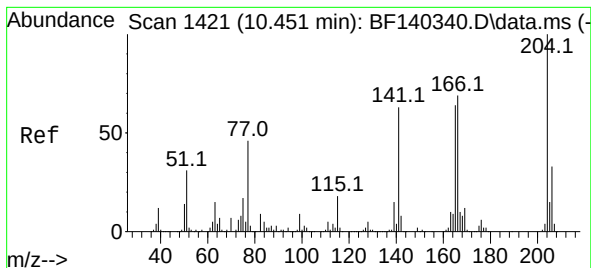
Tgt Ion:232 Resp: 50783
Ion Ratio Lower Upper
232 100
131 41.5 36.8 55.2
130 2.3 1.9 2.9
166 24.5 24.2 36.4



#60
Diethylphthalate
Concen: 10.632 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:149 Resp: 235508
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.6 10.1 15.1

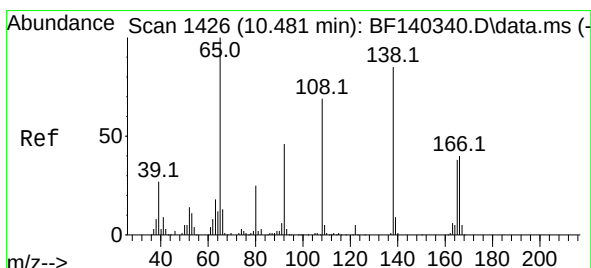
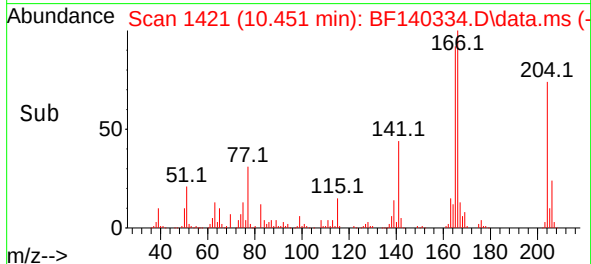
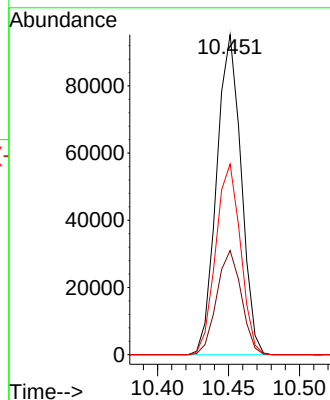
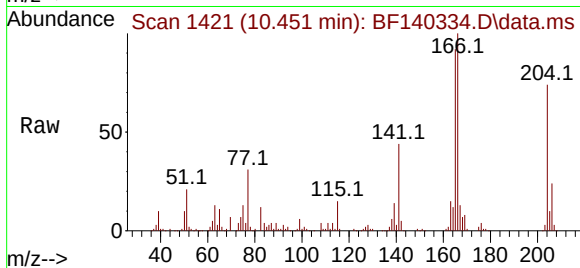




#61
4-Chlorophenyl-phenylether
Concen: 11.002 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

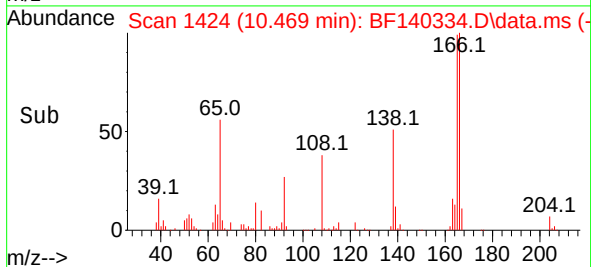
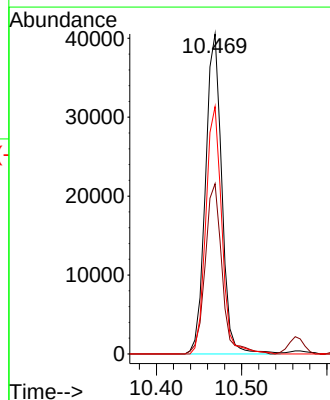
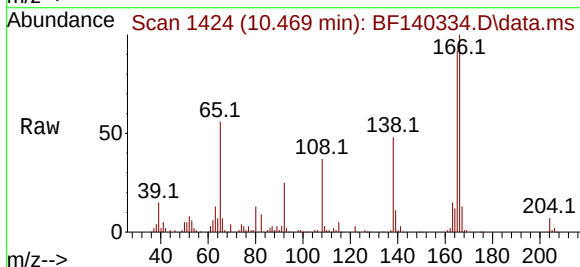
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

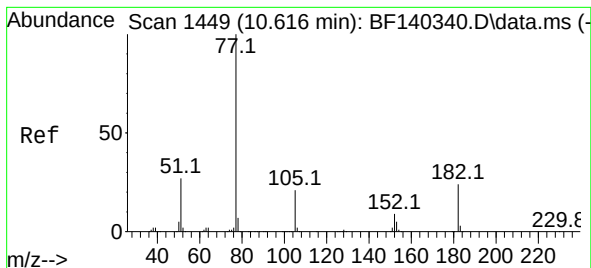
Tgt Ion:204 Resp: 114328
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 59.6 49.8 74.8



#62
4-Nitroaniline
Concen: 10.188 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:138 Resp: 54026
Ion Ratio Lower Upper
138 100
92 53.2 33.8 73.8
108 77.3 59.9 99.9





#63

Azobenzene

Concen: 10.562 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 231165

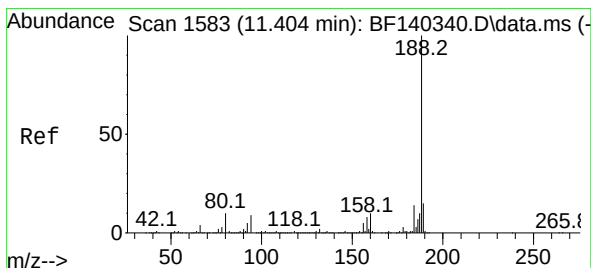
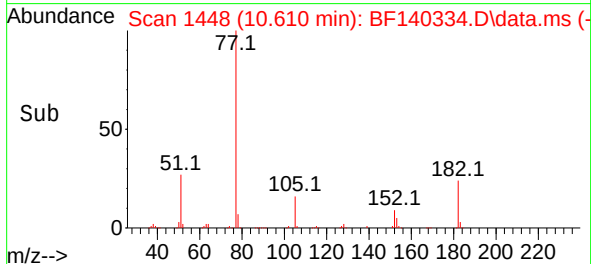
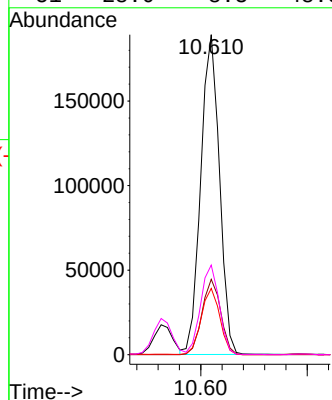
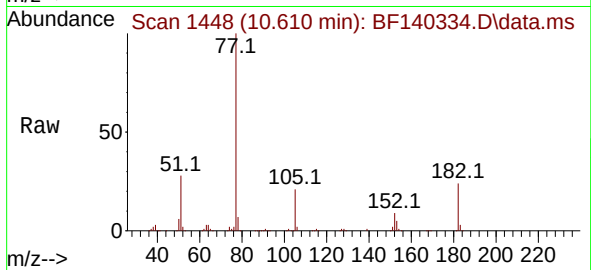
Ion Ratio Lower Upper

77 100

182 23.6 4.6 44.6

105 20.7 0.9 40.9

51 28.0 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

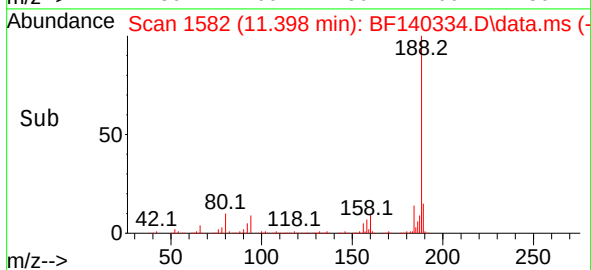
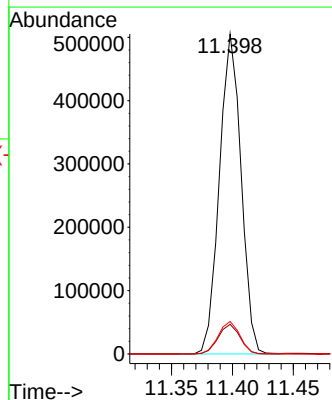
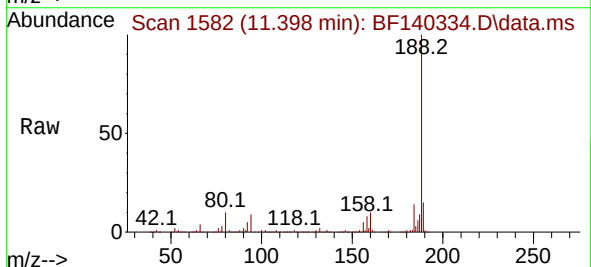
Tgt Ion: 188 Resp: 625922

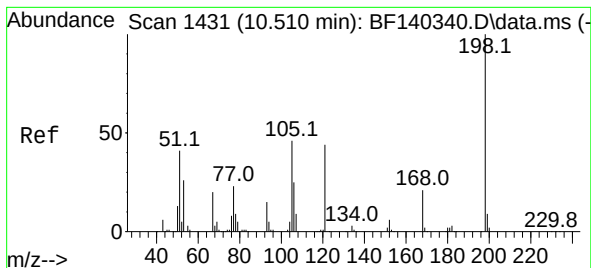
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.2 8.0 12.0

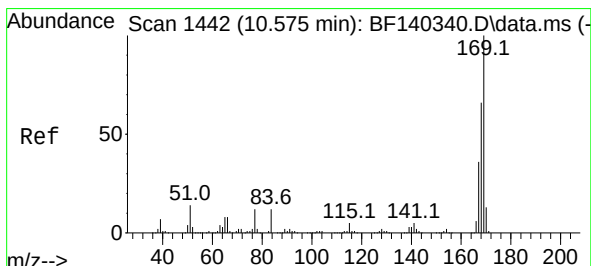
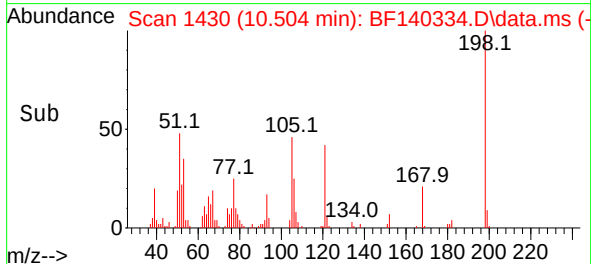
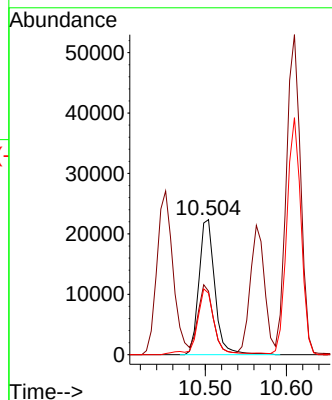
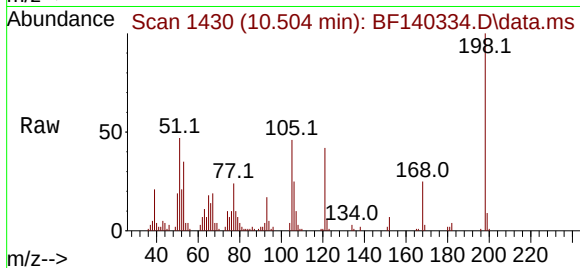




#65
4,6-Dinitro-2-methylphenol
Concen: 9.095 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

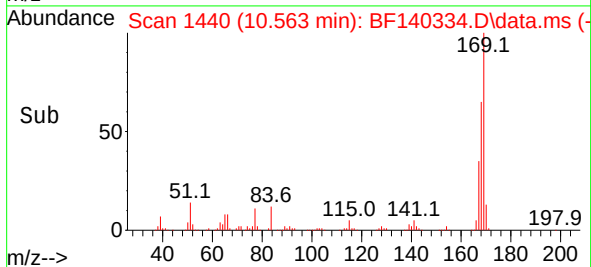
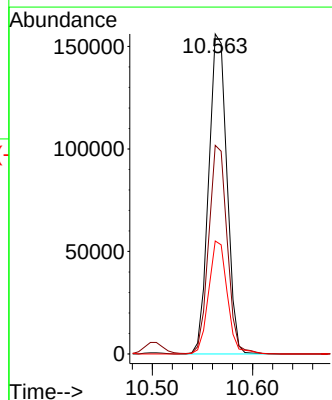
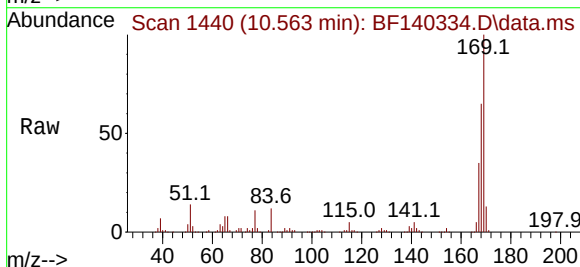
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

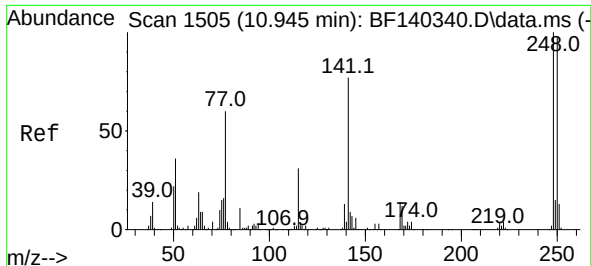
Tgt Ion:198 Resp: 30629
Ion Ratio Lower Upper
198 100
51 47.0 29.7 69.7
105 45.6 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 10.896 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:169 Resp: 197047
Ion Ratio Lower Upper
169 100
168 65.2 52.7 79.1
167 35.3 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 10.524 ng

RT: 10.939 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

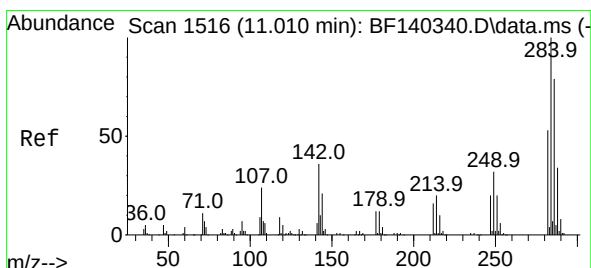
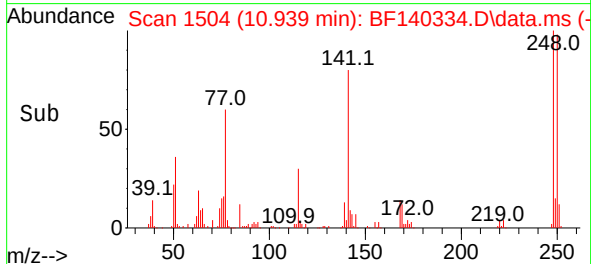
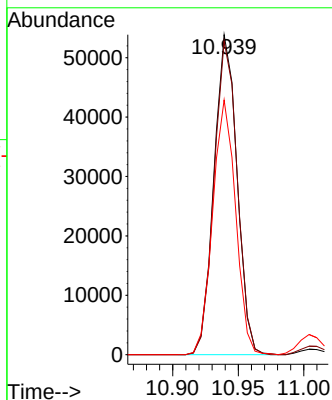
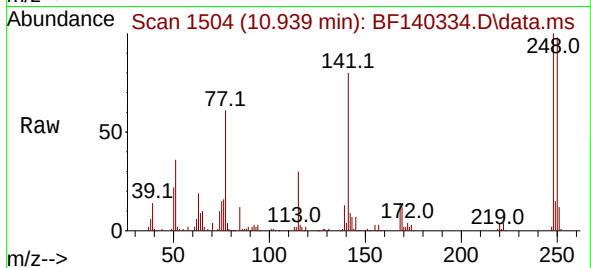
Tgt Ion:248 Resp: 65844

Ion Ratio Lower Upper

248 100

250 97.9 77.9 116.9

141 79.6 61.8 92.6



#68

Hexachlorobenzene

Concen: 10.755 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

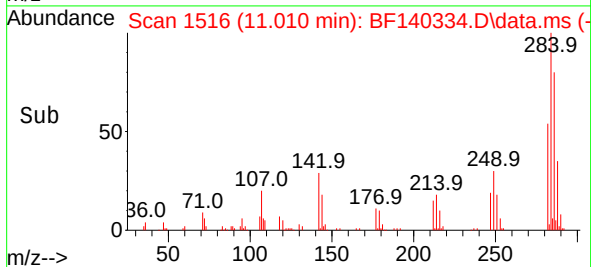
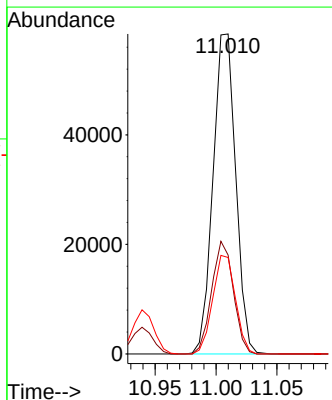
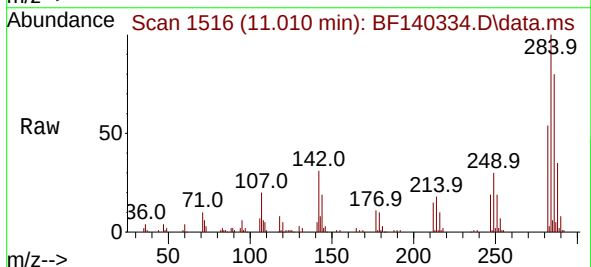
Tgt Ion:284 Resp: 75713

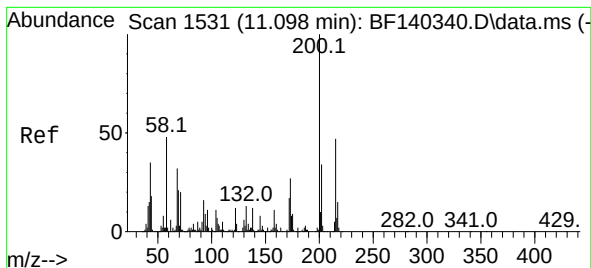
Ion Ratio Lower Upper

284 100

142 30.9 28.1 42.1

249 30.2 24.9 37.3





#69

Atrazine

Concen: 10.462 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

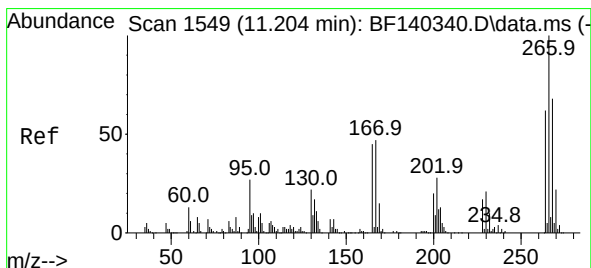
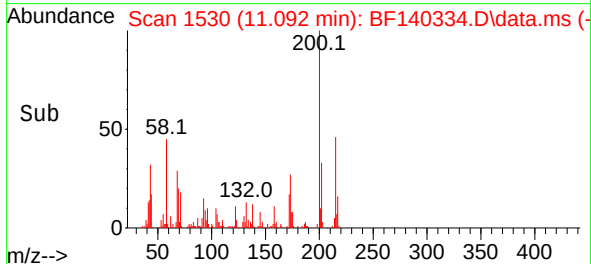
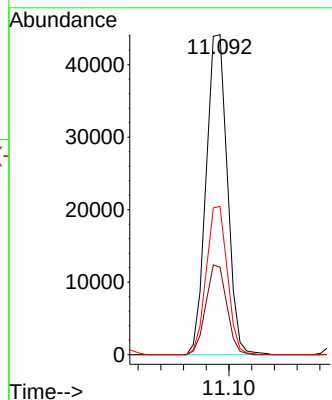
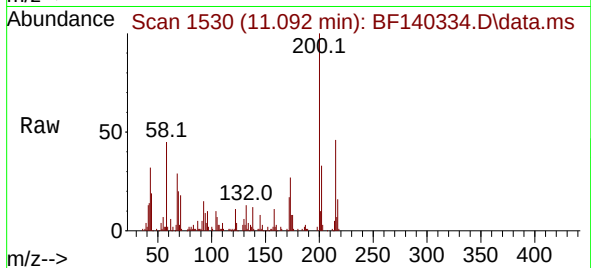
Tgt Ion:200 Resp: 57244

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 46.3 27.2 67.2



#70

Pentachlorophenol

Concen: 8.935 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

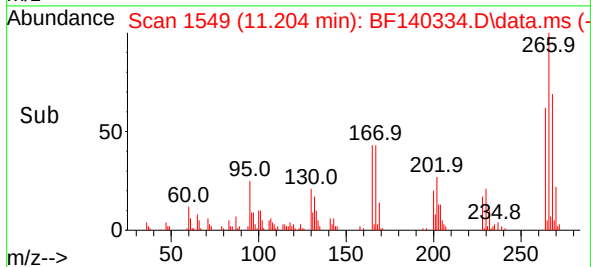
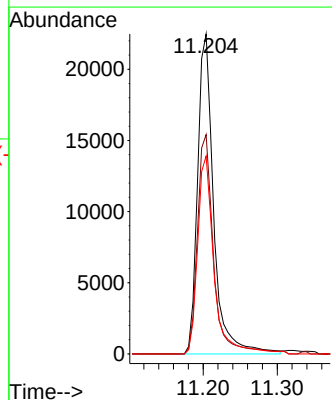
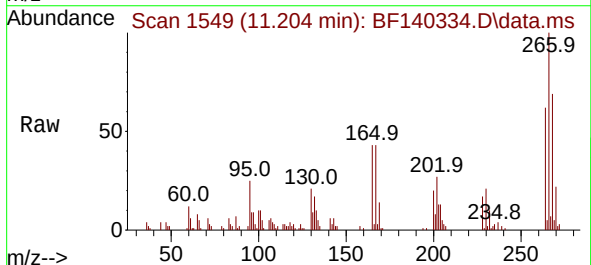
Tgt Ion:266 Resp: 33884

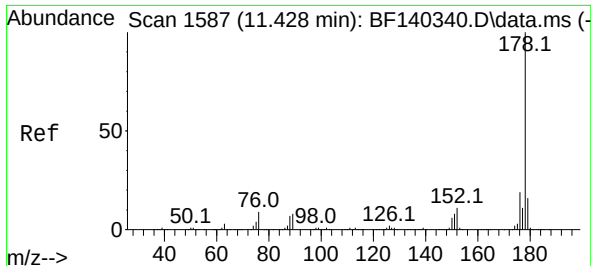
Ion Ratio Lower Upper

266 100

268 68.6 52.9 79.3

264 61.9 50.3 75.5

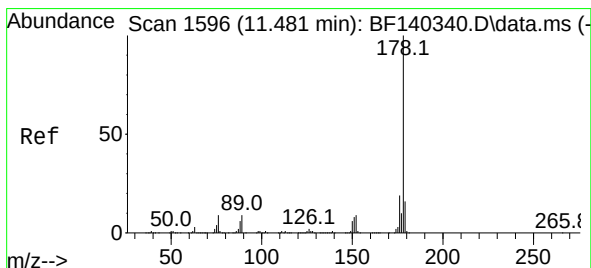
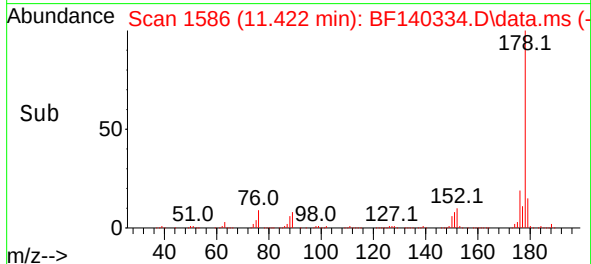
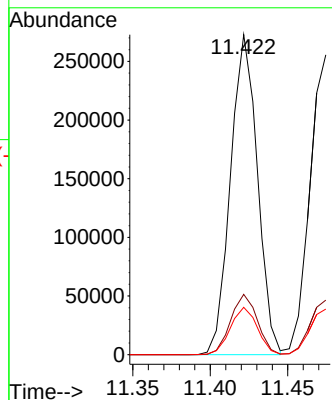
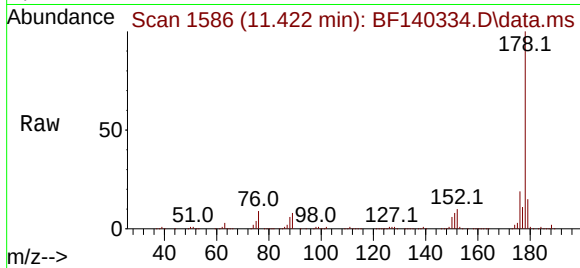




#71
Phenanthrene
Concen: 11.209 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

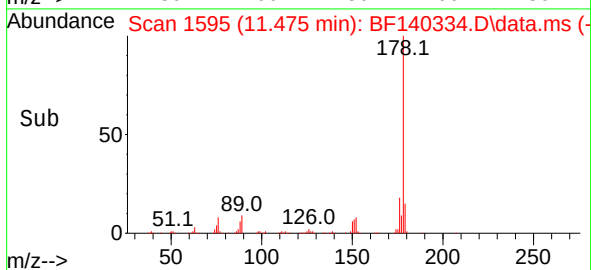
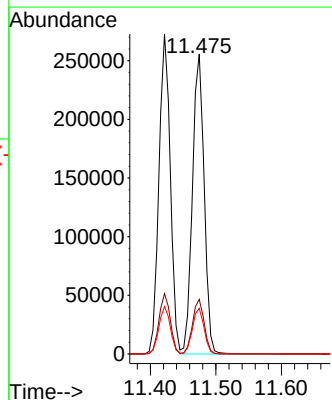
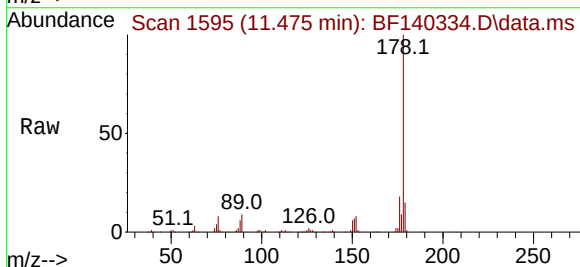
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

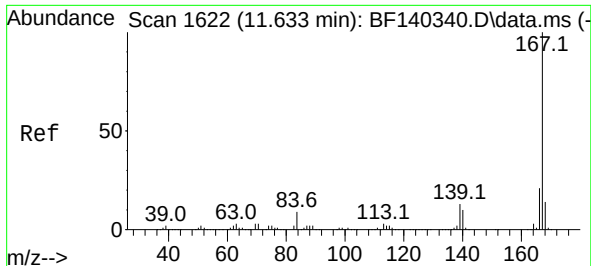
Tgt Ion:178 Resp: 329580
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 14.8 12.4 18.6



#72
Anthracene
Concen: 11.055 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

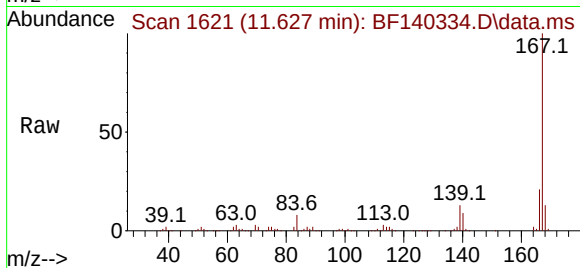
Tgt Ion:178 Resp: 318560
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 15.2 12.6 18.8



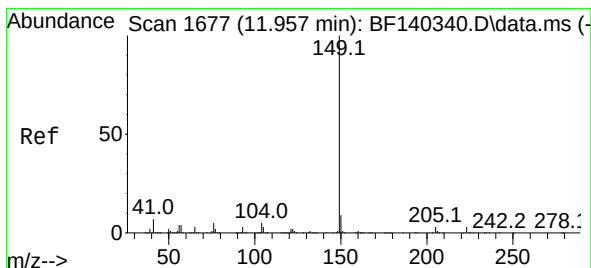
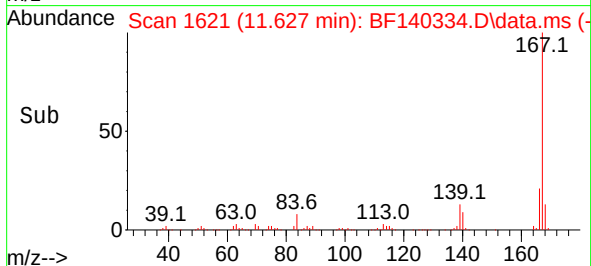
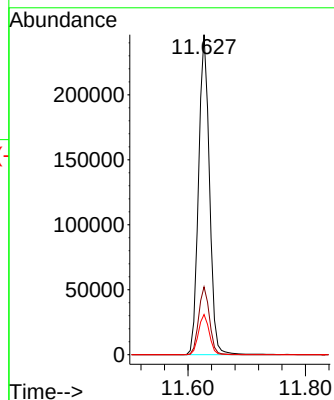


#73
 Carbazole
 Concen: 11.101 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF140334.D
 Acq: 13 Nov 2024 09:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

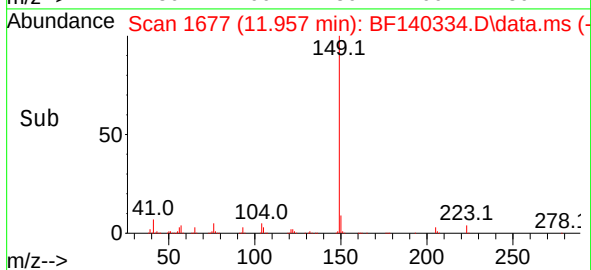
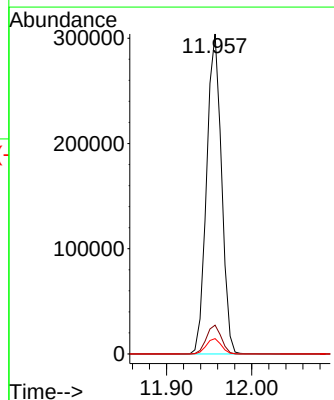
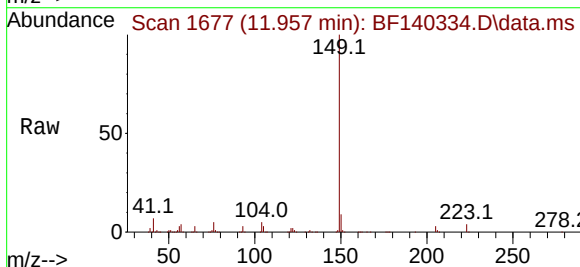


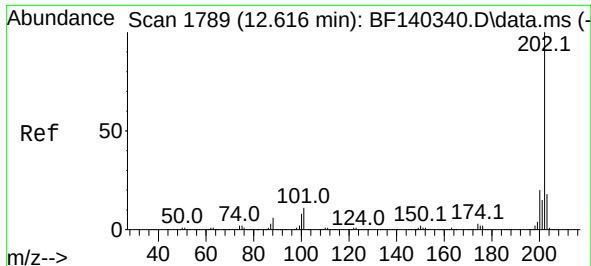
Tgt Ion:167 Resp: 315859
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.6 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 10.788 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF140334.D
 Acq: 13 Nov 2024 09:53

Tgt Ion:149 Resp: 368412
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.8 4.0 6.0

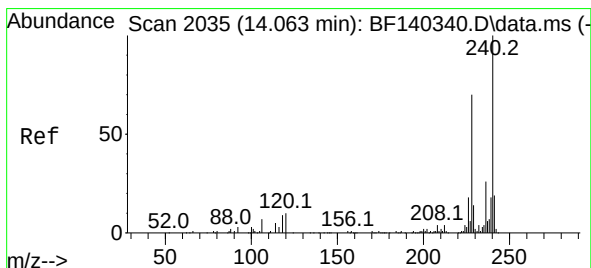
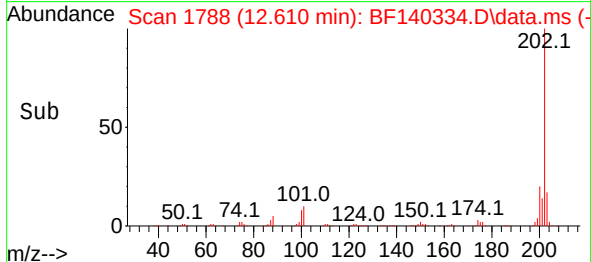
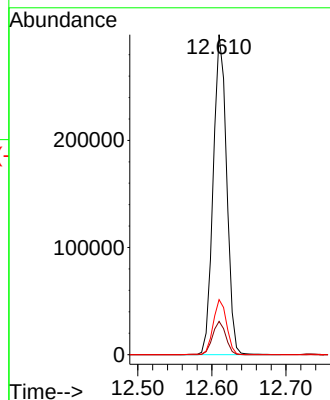
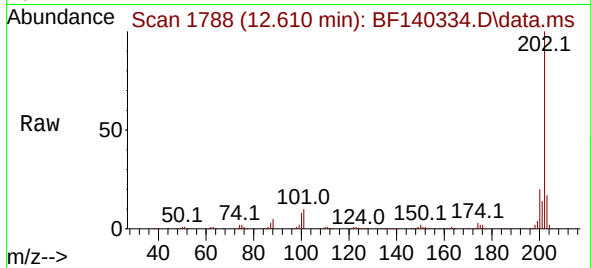




#75
Fluoranthene
Concen: 11.394 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

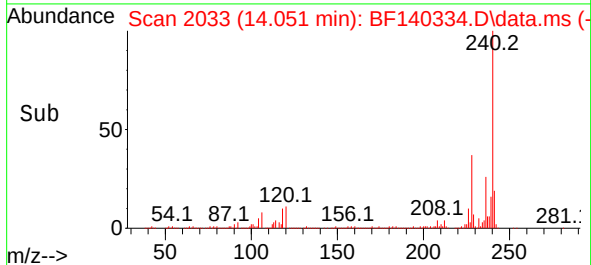
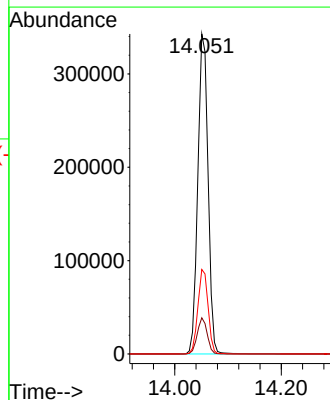
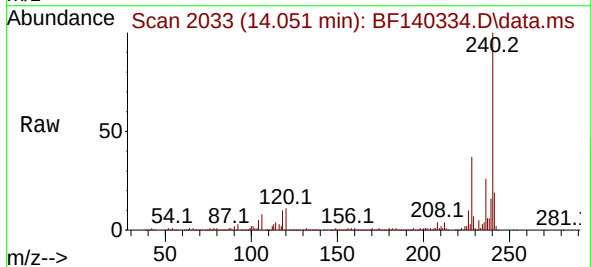
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

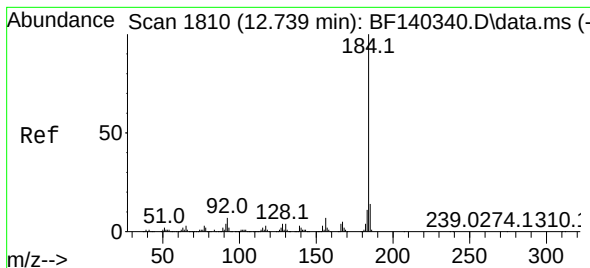
Tgt Ion:202 Resp: 375846
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:240 Resp: 456049
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.4 20.9 31.3





#77

Benzidine

Concen: 8.261 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

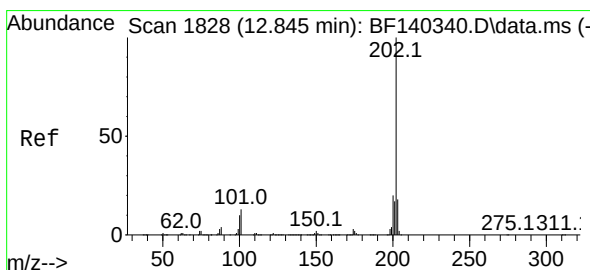
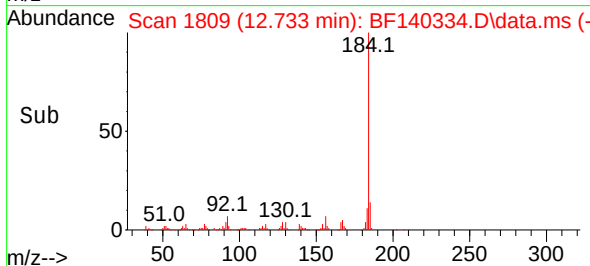
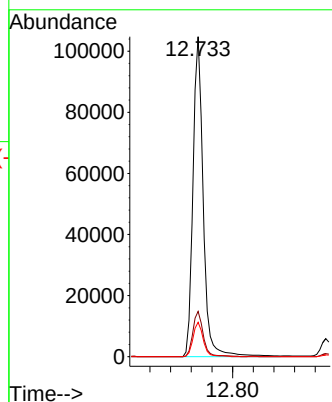
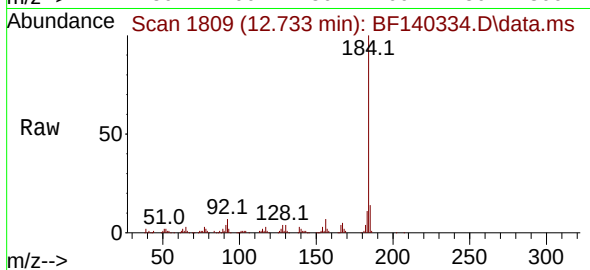
Tgt Ion:184 Resp: 144597

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

183 10.8 8.6 13.0



#78

Pyrene

Concen: 9.972 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

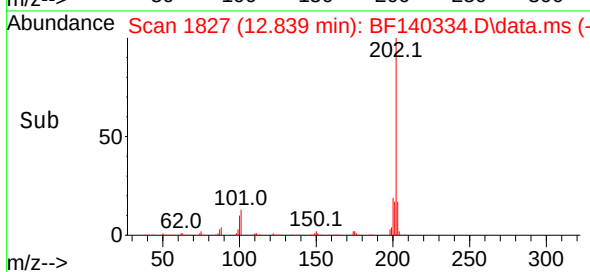
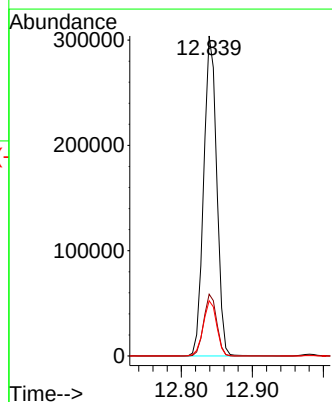
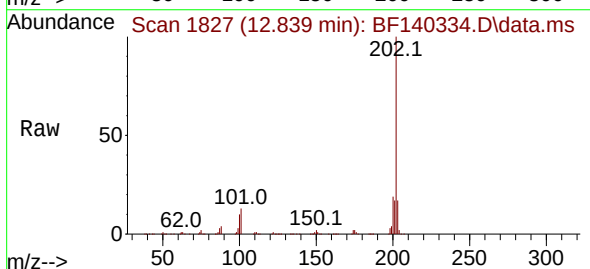
Tgt Ion:202 Resp: 388982

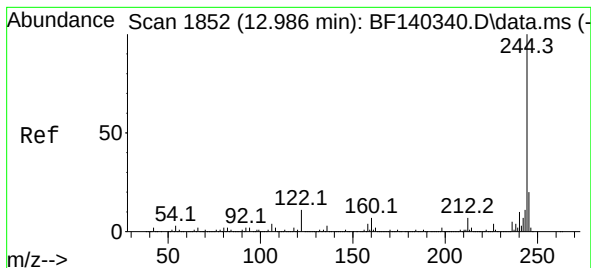
Ion Ratio Lower Upper

202 100

200 19.3 16.2 24.2

203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 20.567 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140334.D

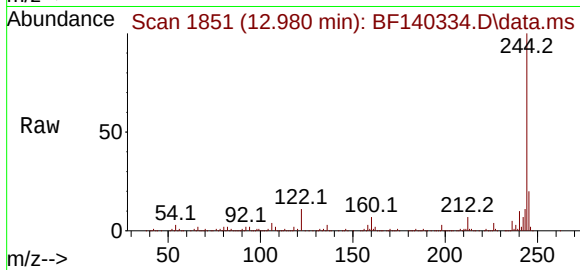
Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



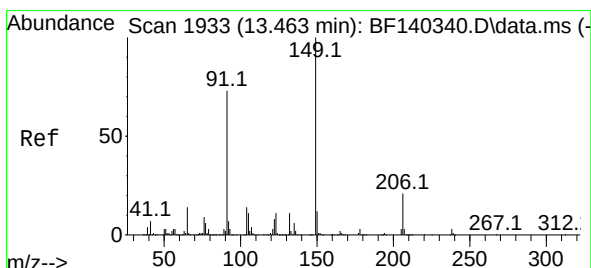
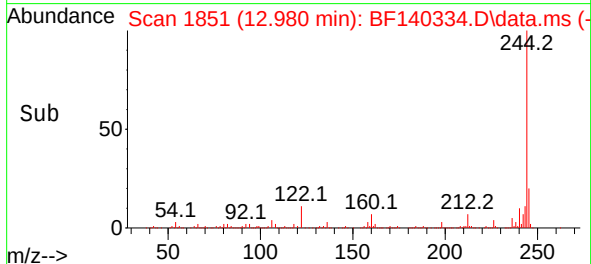
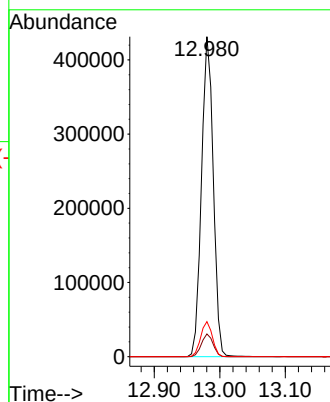
Tgt Ion:244 Resp: 540367

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 9.702 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

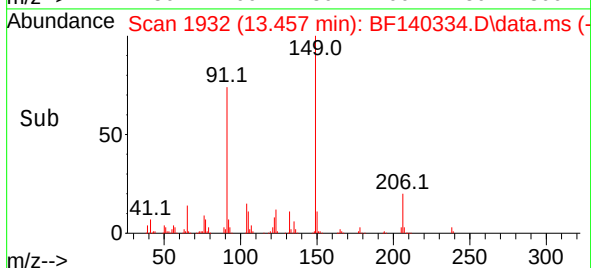
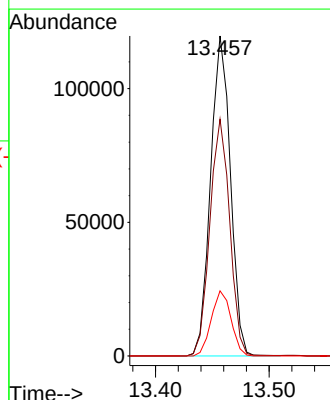
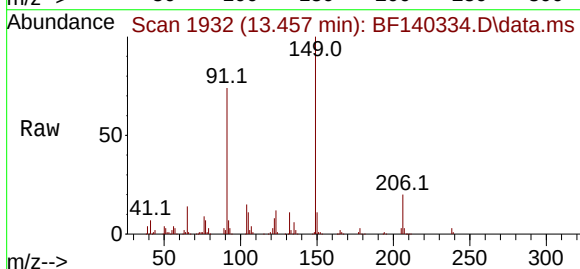
Tgt Ion:149 Resp: 145394

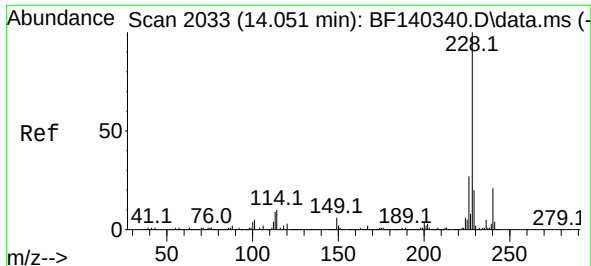
Ion Ratio Lower Upper

149 100

91 74.0 61.0 91.4

206 20.4 16.1 24.1

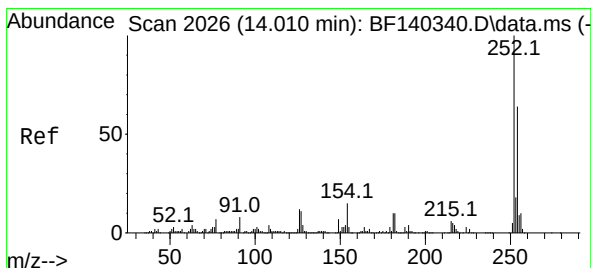
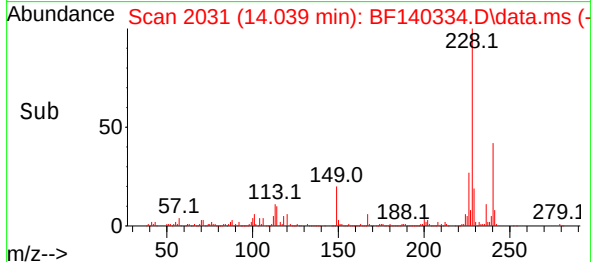
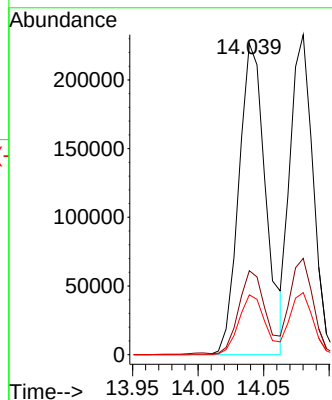
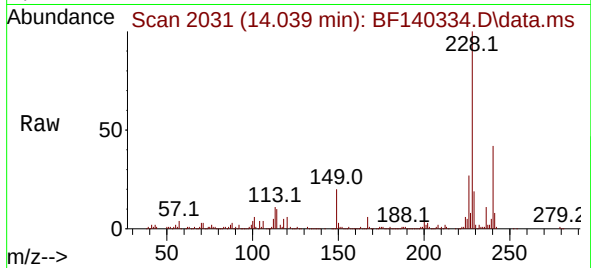




#81
Benzo(a)anthracene
Concen: 10.791 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

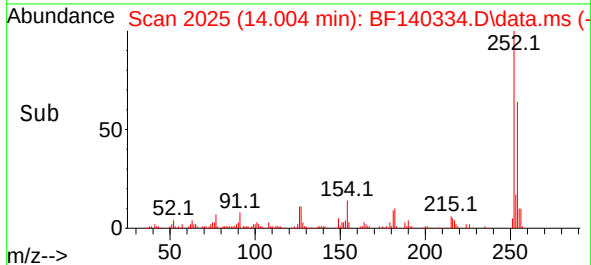
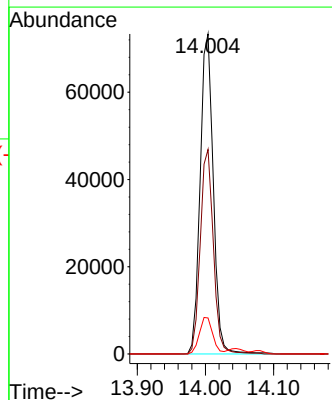
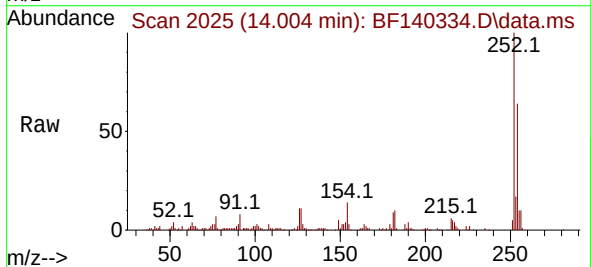
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

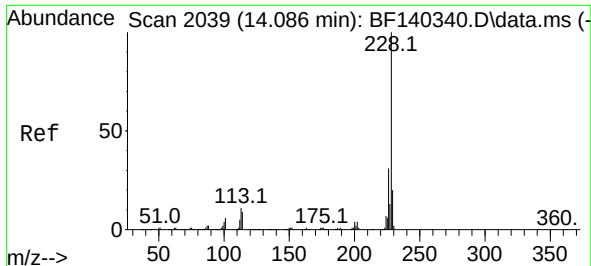
Tgt Ion:228 Resp: 323440
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 10.309 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:252 Resp: 98211
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 11.3 9.4 14.0

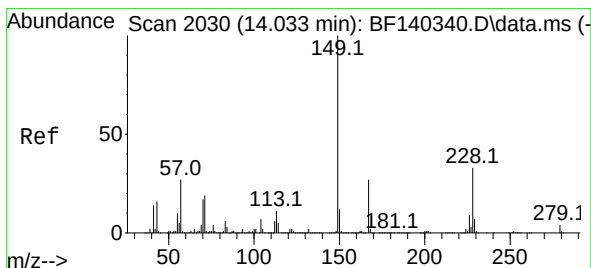
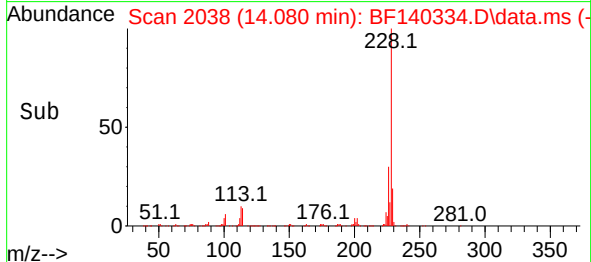
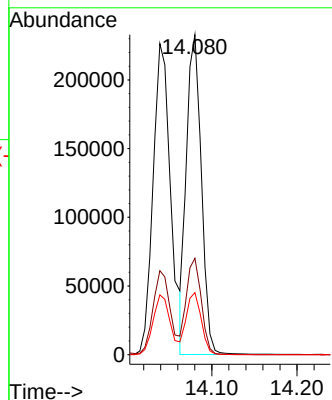
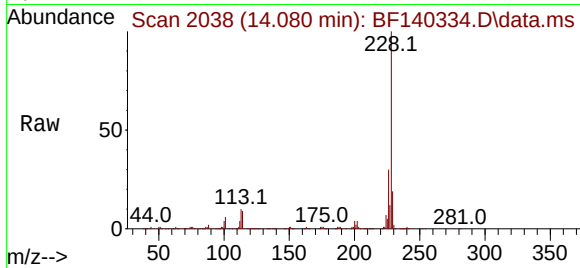




#83
Chrysene
Concen: 10.343 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

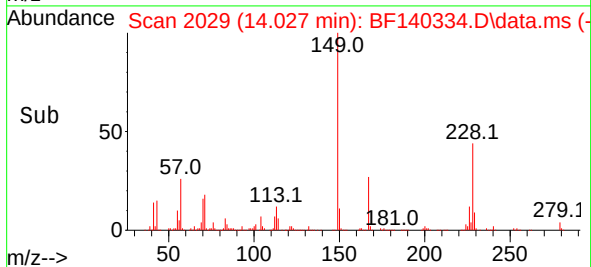
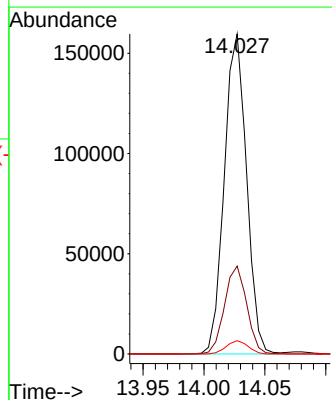
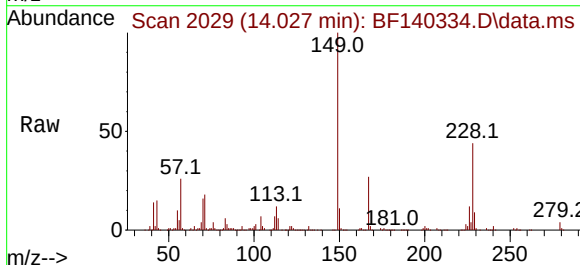
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

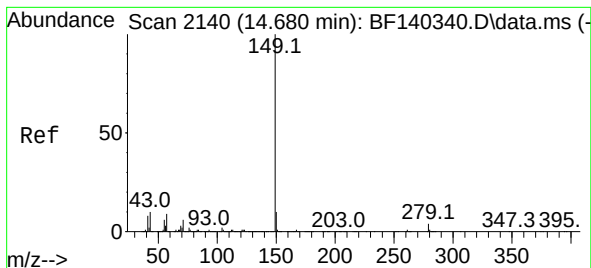
Tgt Ion:228 Resp: 282868
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 19.4 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.147 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:149 Resp: 202970
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 9.847 ng

RT: 14.668 min Scan# 2138

Delta R.T. 0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

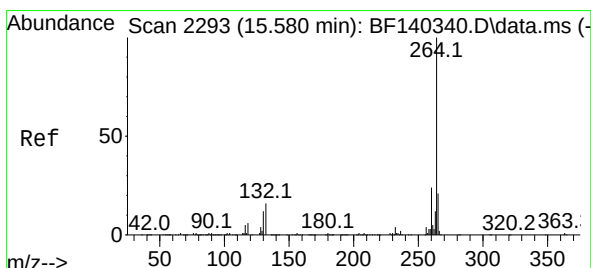
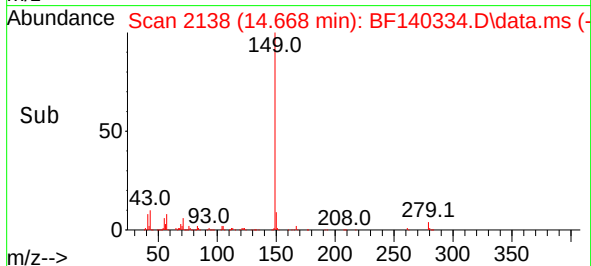
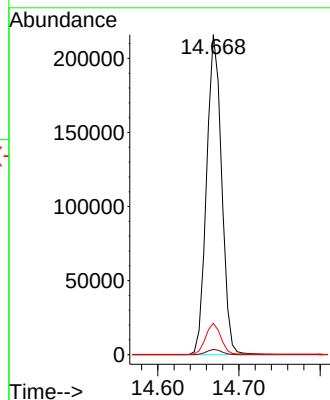
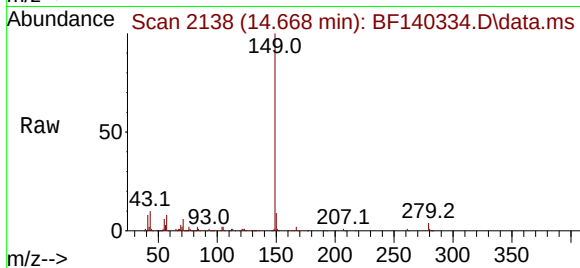
Tgt Ion:149 Resp: 277399

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

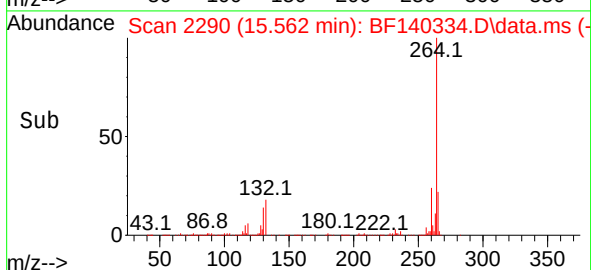
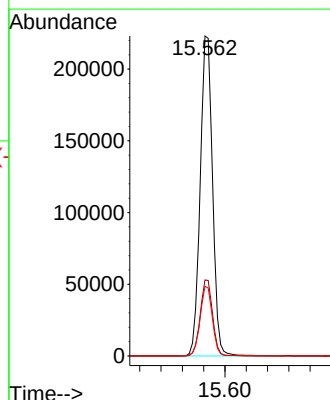
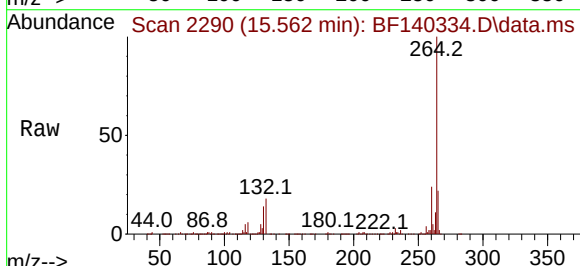
Tgt Ion:264 Resp: 358045

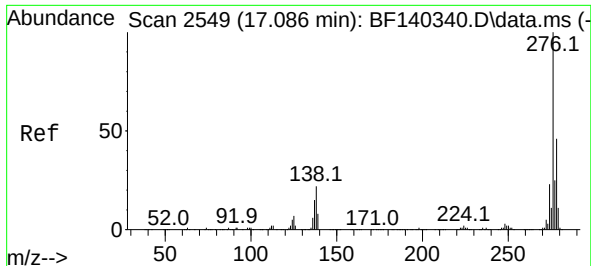
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.305 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

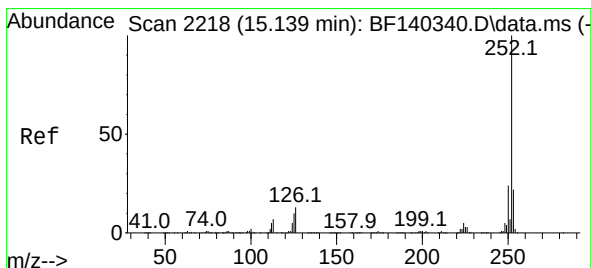
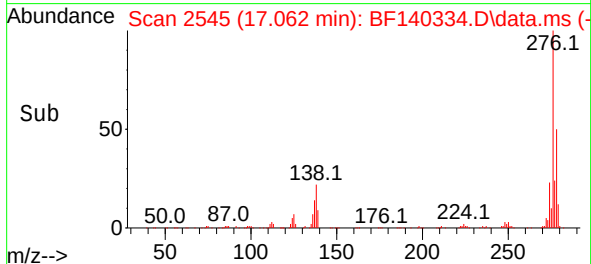
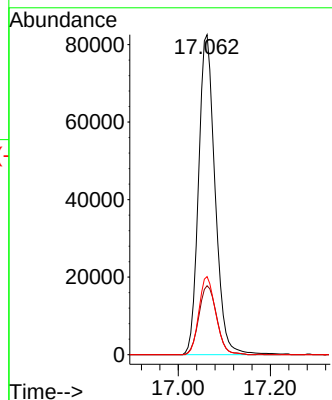
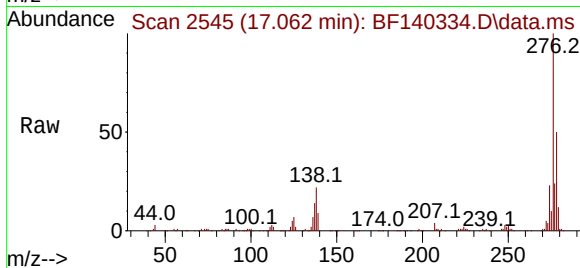
Tgt Ion:276 Resp: 205803

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 10.331 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140334.D

Acq: 13 Nov 2024 09:53

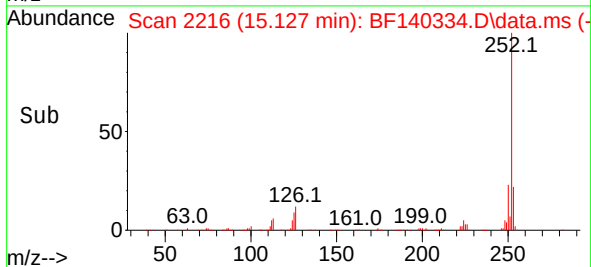
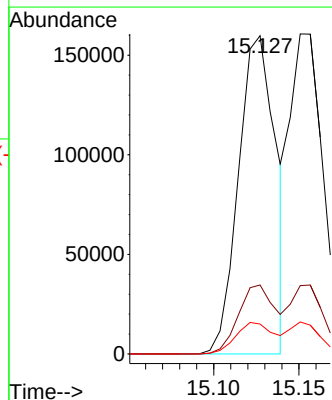
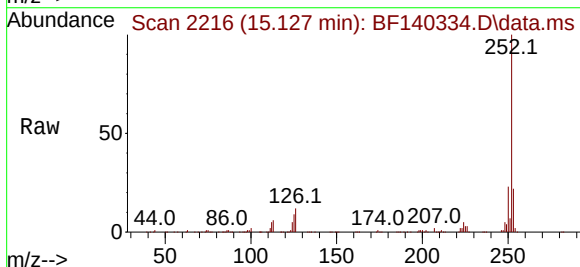
Tgt Ion:252 Resp: 241957

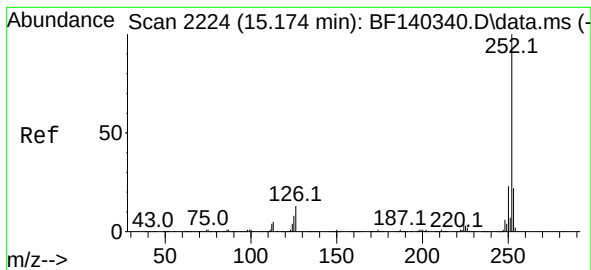
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.4 8.0 12.0

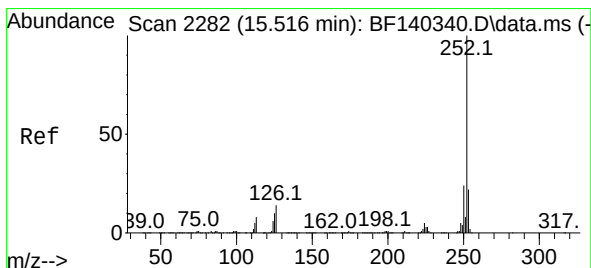
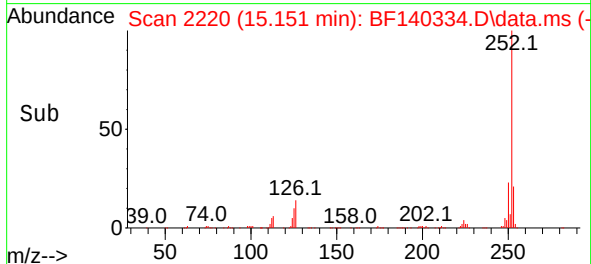
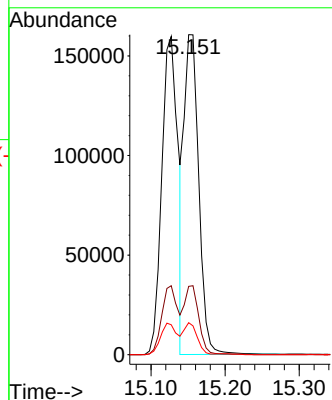
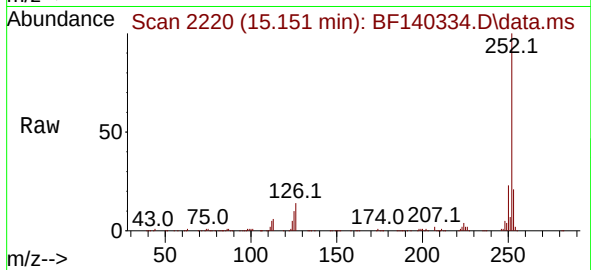




#89
Benzo(k)fluoranthene
Concen: 11.607 ng
RT: 15.151 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

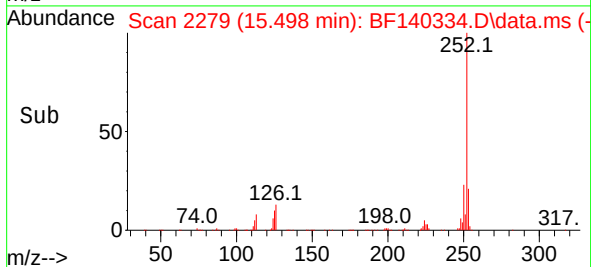
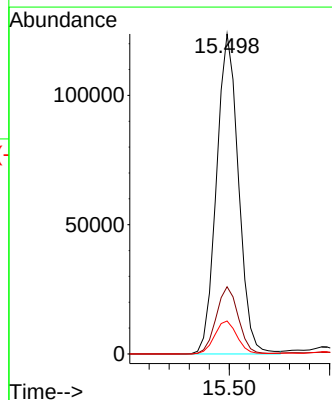
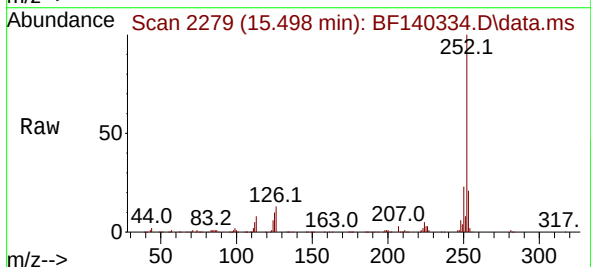
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

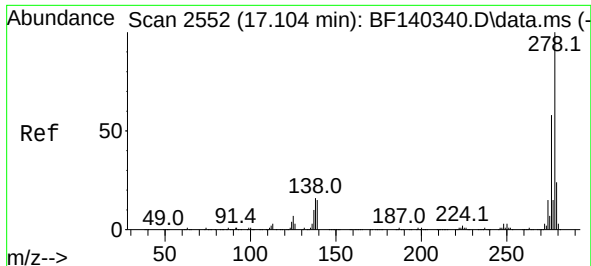
Tgt Ion:252 Resp: 222087
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 10.366 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BF140334.D
Acq: 13 Nov 2024 09:53

Tgt Ion:252 Resp: 188533
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.6
125 10.3 8.4 12.6

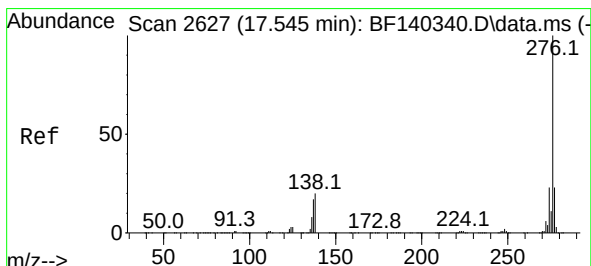
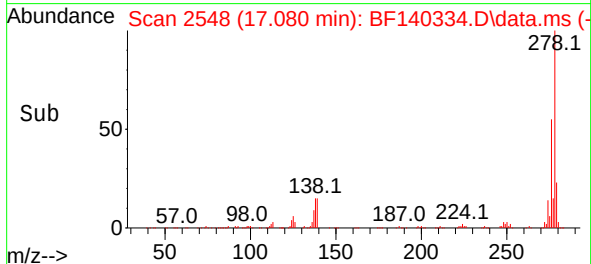
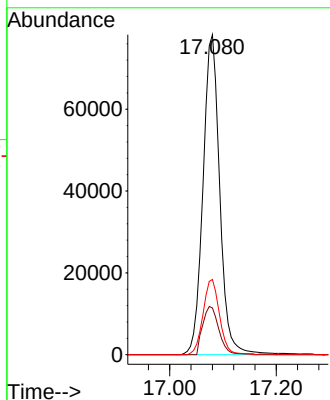
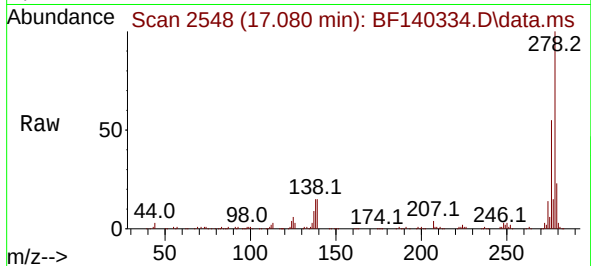




#91
 Dibenzo(a,h)anthracene
 Concen: 9.326 ng
 RT: 17.080 min Scan# 2552
 Delta R.T. 0.006 min
 Lab File: BF140334.D
 Acq: 13 Nov 2024 09:53

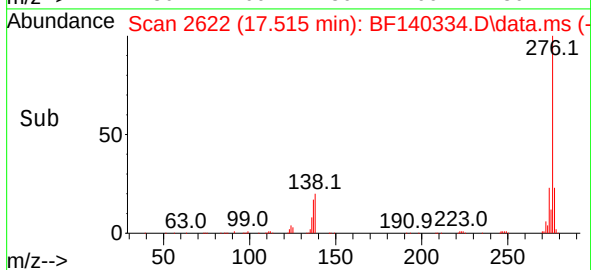
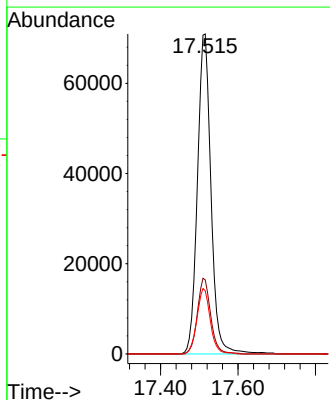
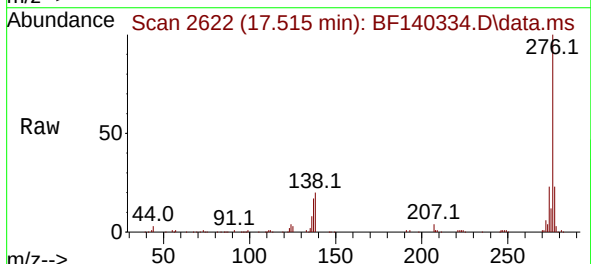
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion:278 Resp: 170496
 Ion Ratio Lower Upper
 278 100
 139 14.6 11.8 17.8
 279 23.5 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 9.221 ng
 RT: 17.515 min Scan# 2622
 Delta R.T. -0.000 min
 Lab File: BF140334.D
 Acq: 13 Nov 2024 09:53

Tgt Ion:276 Resp: 172345
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.6 28.0
 138 19.7 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140339.D
 Acq On : 13 Nov 2024 12:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 13 14:27:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	160348	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	586224	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	324351	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	591968	20.000	ng	0.00
76) Chrysene-d12	14.057	240	305715	20.000	ng	0.00
86) Perylene-d12	15.562	264	310894	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1324090	140.989	ng	0.00
7) Phenol-d6	6.522	99	1804257	141.801	ng	0.02
23) Nitrobenzene-d5	7.451	82	1661144	147.640	ng	0.01
42) 2,4,6-Tribromophenol	10.710	330	471699	146.244	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2675376	132.597	ng	0.00
79) Terphenyl-d14	12.992	244	2674139	151.833	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.651	88	307882	73.555	ng	100
3) Pyridine	3.422	79	735683	71.493	ng	99
4) n-Nitrosodimethylamine	3.398	42	402441	77.381	ng	99
6) Aniline	6.551	93	684015	61.797	ng	# 84
8) 2-Chlorophenol	6.675	128	709152	70.295	ng	99
9) Benzaldehyde	6.434	77	405407	53.162	ng	99
10) Phenol	6.534	94	947993	70.649	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	756191	74.376	ng	99
12) 1,3-Dichlorobenzene	6.822	146	783204	70.364	ng	98
13) 1,4-Dichlorobenzene	6.898	146	783319	69.404	ng	99
14) 1,2-Dichlorobenzene	7.057	146	710399	67.802	ng	99
15) Benzyl Alcohol	7.028	79	654439	71.389	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	993408	70.738	ng	96
17) 2-Methylphenol	7.133	107	604396	72.829	ng	98
18) Hexachloroethane	7.392	117	300328	71.979	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	543998	70.790	ng	100
20) 3+4-Methylphenols	7.292	107	699451	67.394	ng	96
22) Acetophenone	7.298	105	963095	70.637	ng	99
24) Nitrobenzene	7.469	77	870976	74.350	ng	99
25) Isophorone	7.704	82	1487295	74.586	ng	100
26) 2-Nitrophenol	7.781	139	401982	77.328	ng	99
27) 2,4-Dimethylphenol	7.816	122	500708	75.234	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	887655	72.597	ng	100
29) 2,4-Dichlorophenol	8.022	162	597530	72.647	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	663478	72.454	ng	99
31) Naphthalene	8.186	128	2076967	69.842	ng	99
32) Benzoic acid	7.969	122	529009	90.483	ng	96
33) 4-Chloroaniline	8.245	127	729859	70.572	ng	99
34) Hexachlorobutadiene	8.298	225	417242	71.513	ng	100
35) Caprolactam	8.627	113	172163	62.257	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	672162	73.742	ng	100
37) 2-Methylnaphthalene	8.875	142	1323889	69.428	ng	100
38) 1-Methylnaphthalene	8.975	142	1289276	69.046	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	629856	70.223	ng	100
41) Hexachlorocyclopentadiene	9.022	237	187869	81.579	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	442116	75.110	ng	99

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 Acq On : 13 Nov 2024 12:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

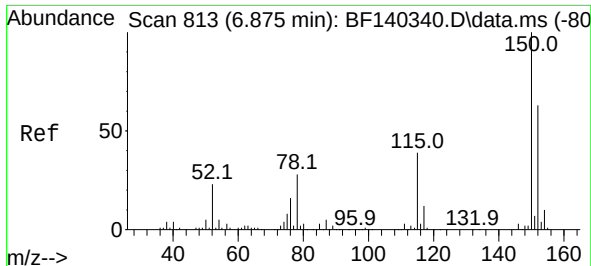
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 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	468390	72.781	ng	98
46) 1,1'-Biphenyl	9.339	154	1613420	68.375	ng	99
47) 2-Chloronaphthalene	9.363	162	1259442	70.067	ng	98
48) 2-Nitroaniline	9.463	65	454975	76.323	ng	98
49) Acenaphthylene	9.780	152	1869941	68.758	ng	99
50) Dimethylphthalate	9.645	163	1532197	72.473	ng	100
51) 2,6-Dinitrotoluene	9.704	165	348019	72.207	ng	93
52) Acenaphthene	9.951	154	1305360	71.065	ng	99
53) 3-Nitroaniline	9.874	138	356185	70.369	ng	98
54) 2,4-Dinitrophenol	9.980	184	217511	87.514	ng	98
55) Dibenzofuran	10.127	168	1743431	67.047	ng	100
56) 4-Nitrophenol	10.033	139	291787	79.032	ng	96
57) 2,4-Dinitrotoluene	10.110	165	454770	71.693	ng	94
58) Fluorene	10.469	166	1382804	67.316	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	374293	73.723	ng	100
60) Diethylphthalate	10.339	149	1537607	71.126	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	685111	67.555	ng	99
62) 4-Nitroaniline	10.498	138	385246	74.437	ng	100
63) Azobenzene	10.621	77	1508804	70.637	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	274337	86.136	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1237130	72.330	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	426112	72.010	ng	99
68) Hexachlorobenzene	11.016	284	491825	73.871	ng	99
69) Atrazine	11.110	200	495230	95.702	ng	99
70) Pentachlorophenol	11.210	266	308099	85.908	ng	99
71) Phenanthrene	11.433	178	1941678	69.825	ng	99
72) Anthracene	11.486	178	1901483	69.770	ng	100
73) Carbazole	11.639	167	1853513	68.878	ng	99
74) Di-n-butylphthalate	11.963	149	2283744	70.708	ng	100
75) Fluoranthene	12.621	202	2053832	65.832	ng	99
77) Benzidine	12.739	184	1147944	97.835	ng	99
78) Pyrene	12.851	202	2044224	78.173	ng	99
80) Butylbenzylphthalate	13.462	149	768354	76.487	ng	98
81) Benzo(a)anthracene	14.045	228	1461193	72.724	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	488462	76.486	ng	99
83) Chrysene	14.086	228	1343316	73.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	994724	74.186	ng	99
85) Di-n-octyl phthalate	14.668	149	1481946	78.474	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1638318	85.308	ng	99
88) Benzo(b)fluoranthene	15.127	252	1490709	73.300	ng	100
89) Benzo(k)fluoranthene	15.156	252	1103915	66.445	ng	98
90) Benzo(a)pyrene	15.504	252	1179142	74.662	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	1339293	84.367	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1392525	85.805	ng	99

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

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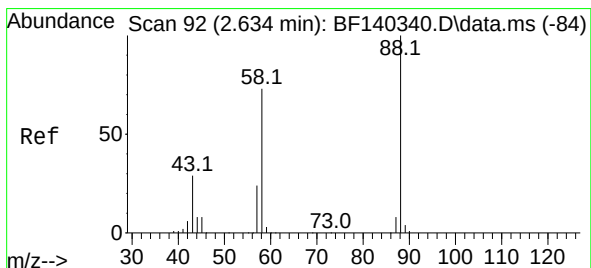
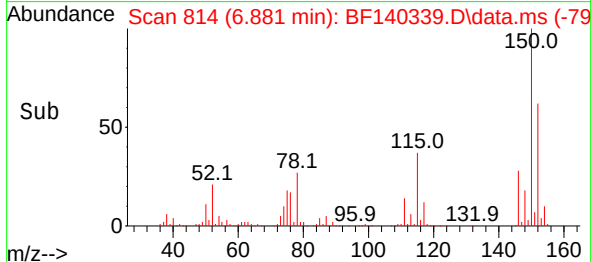
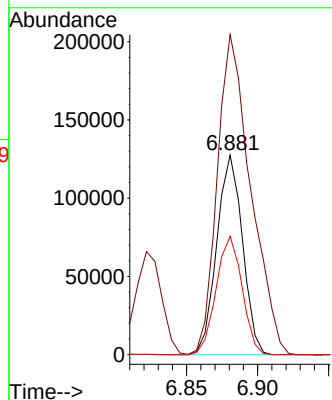
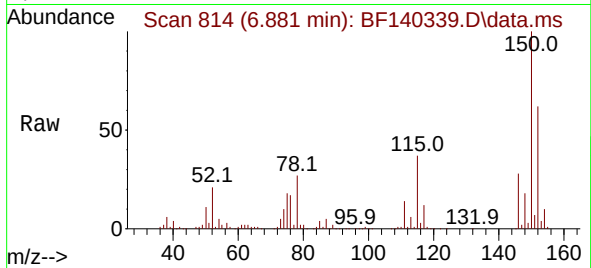
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

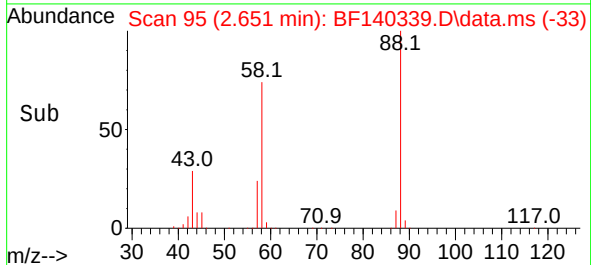
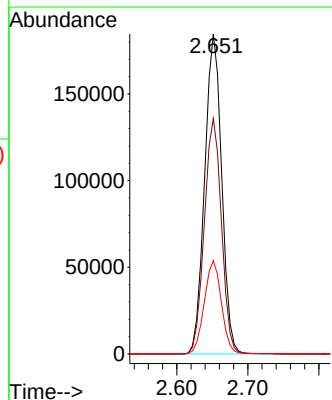
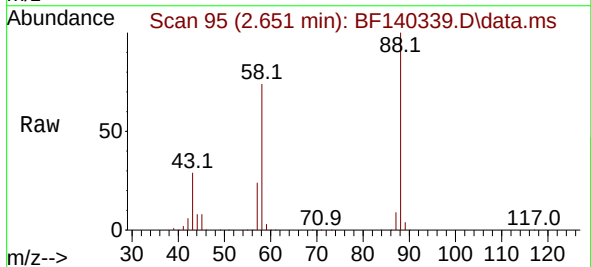
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ClientSampleId :
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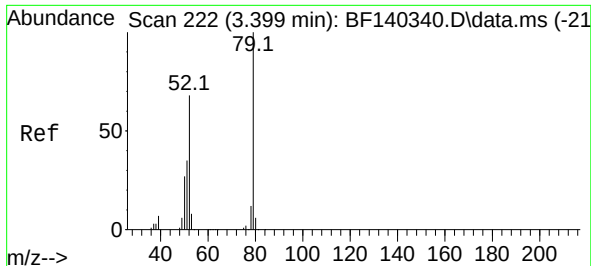
Tgt Ion:152 Resp: 160348
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.0
115 59.4 47.4 71.2



#2
1,4-Dioxane
Concen: 73.555 ng
RT: 2.651 min Scan# 95
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 88 Resp: 307882
Ion Ratio Lower Upper
88 100
58 74.0 59.5 89.3
43 29.5 23.4 35.2

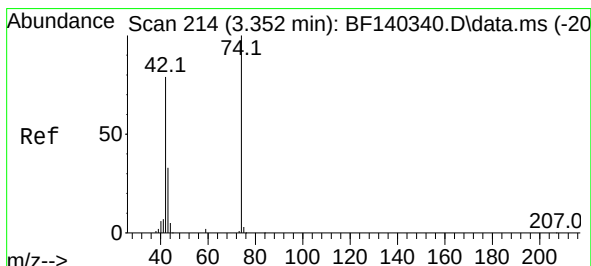
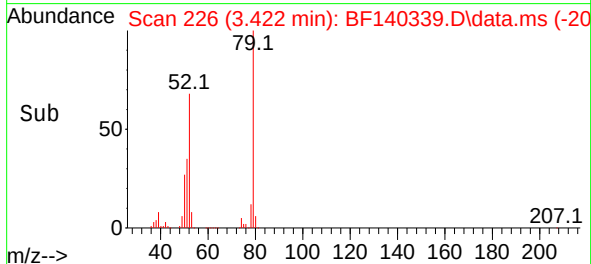
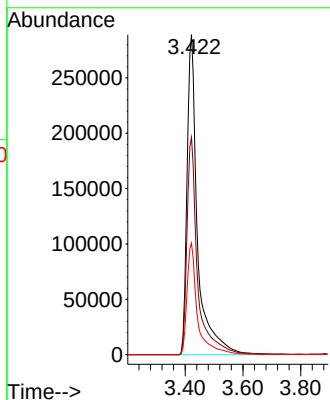
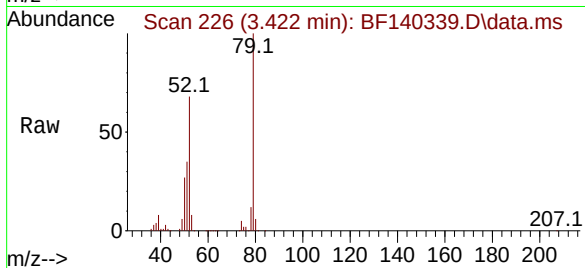




#3
Pyridine
Concen: 71.493 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

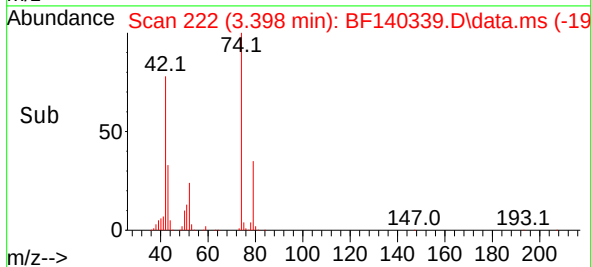
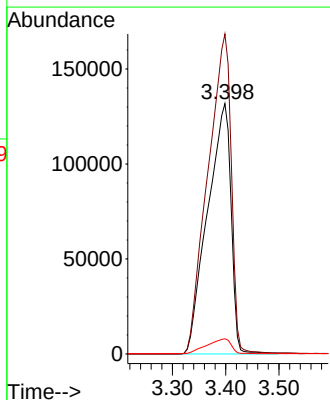
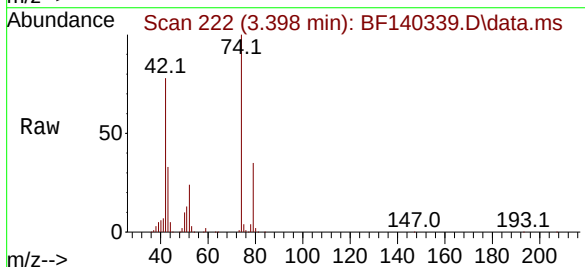
Instrument :
BNA_F
ClientSampleId :
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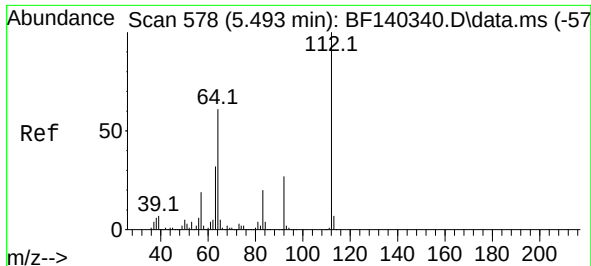
Tgt Ion: 79 Resp: 735683
Ion Ratio Lower Upper
79 100
52 67.9 53.8 80.6
51 34.8 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 77.381 ng
RT: 3.398 min Scan# 222
Delta R.T. 0.041 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 42 Resp: 402441
Ion Ratio Lower Upper
42 100
74 127.8 103.5 155.3
44 6.1 5.1 7.7

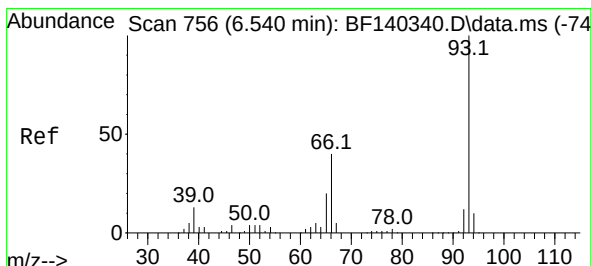
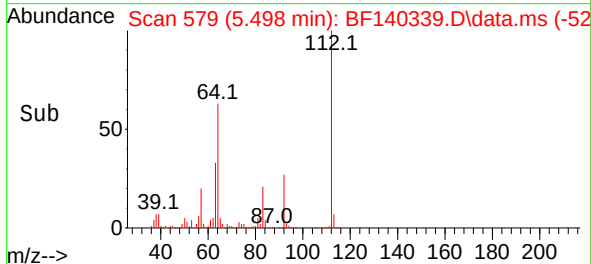
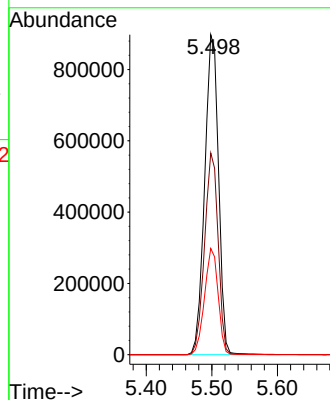
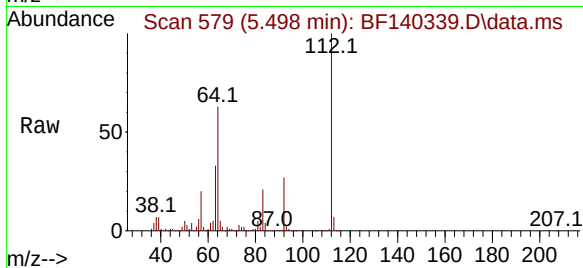




#5
2-Fluorophenol
Concen: 140.989 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

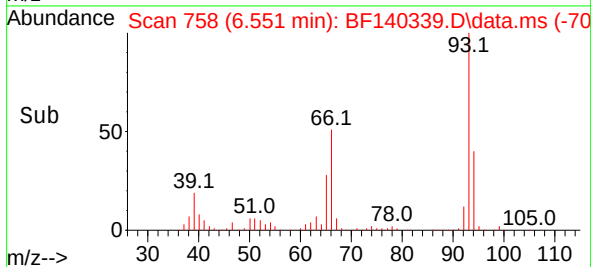
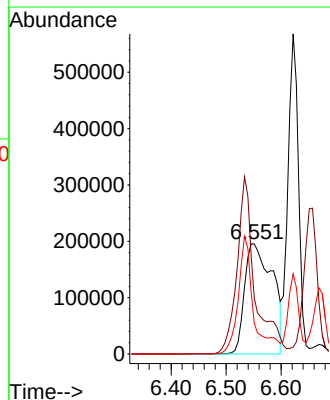
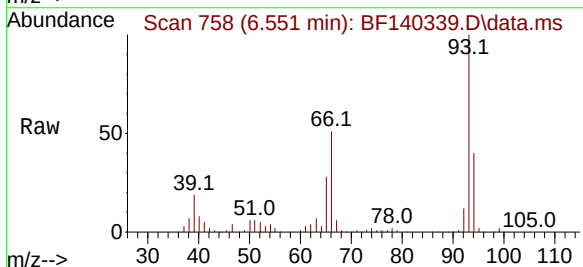
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ClientSampleId :
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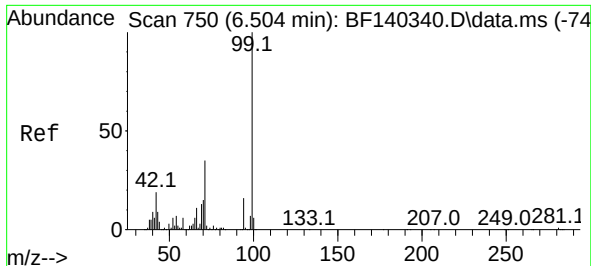
Tgt Ion:112 Resp: 1324090
Ion Ratio Lower Upper
112 100
64 63.1 49.2 73.8
63 33.2 25.6 38.4



#6
Aniline
Concen: 61.797 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 93 Resp: 684015
Ion Ratio Lower Upper
93 100
66 50.8 32.8 49.2#
65 27.9 16.6 25.0#

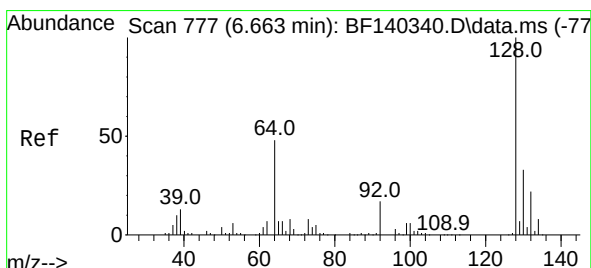
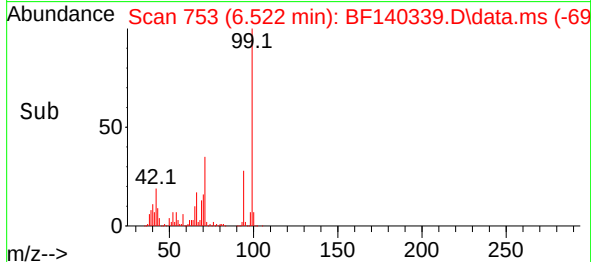
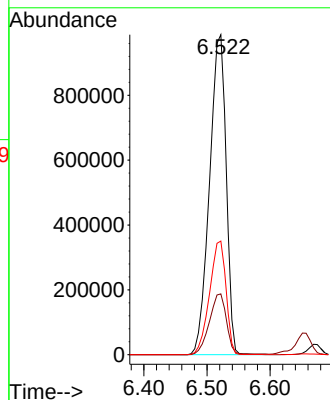
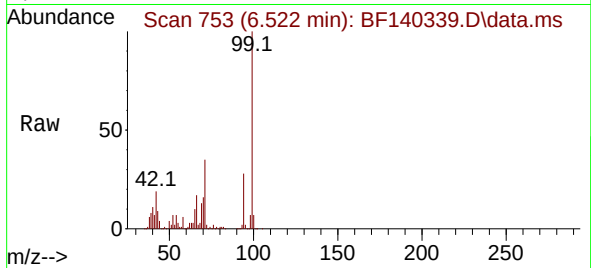




#7
Phenol-d6
Concen: 141.801 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

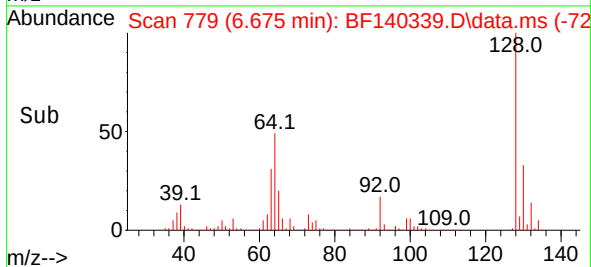
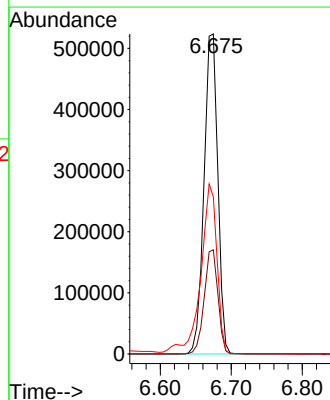
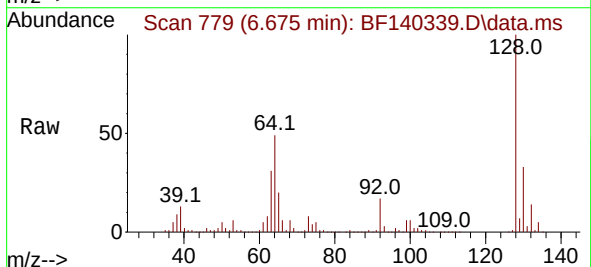
Instrument :
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ClientSampleId :
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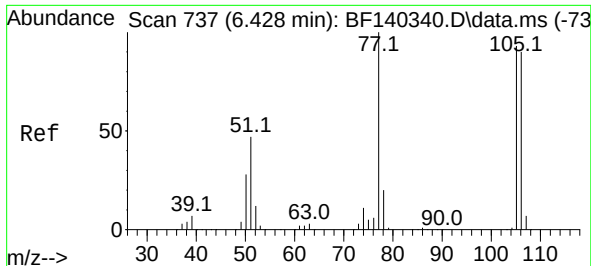
Tgt Ion: 99 Resp: 1804257
Ion Ratio Lower Upper
99 100
42 19.0 15.1 22.7
71 35.5 27.9 41.9



#8
2-Chlorophenol
Concen: 70.295 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 128 Resp: 709152
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 49.1 30.2 70.2





#9

Benzaldehyde

Concen: 53.162 ng

RT: 6.434 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

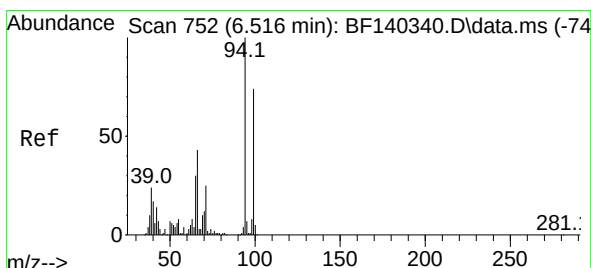
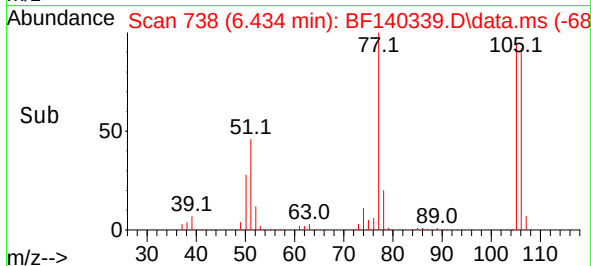
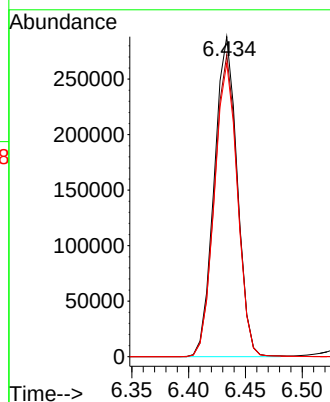
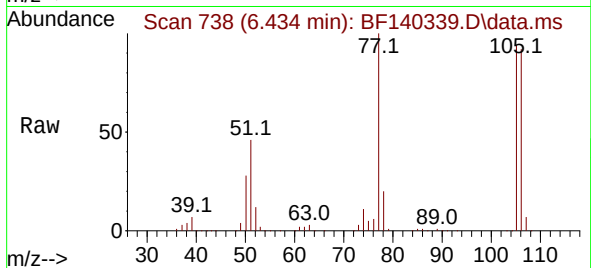
Tgt Ion: 77 Resp: 405407

Ion Ratio Lower Upper

77 100

105 94.4 74.4 114.4

106 91.8 69.9 109.9



#10

Phenol

Concen: 70.649 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

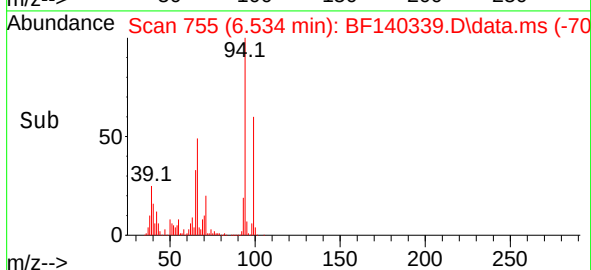
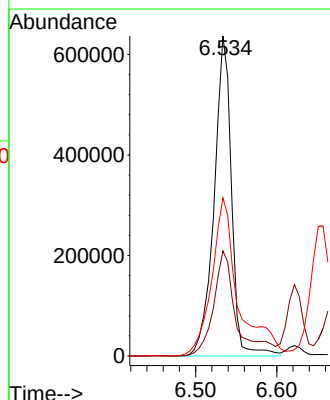
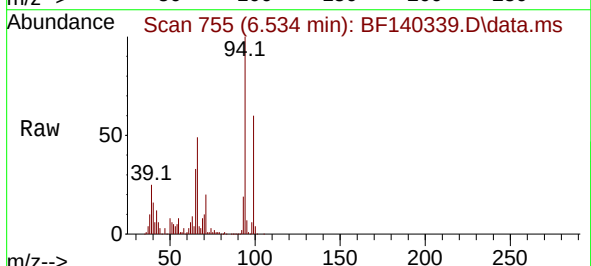
Tgt Ion: 94 Resp: 947993

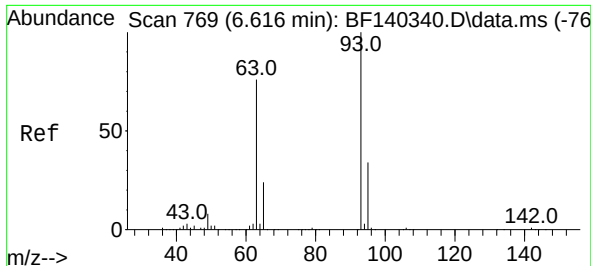
Ion Ratio Lower Upper

94 100

65 32.8 10.4 50.4

66 49.4 22.9 62.9

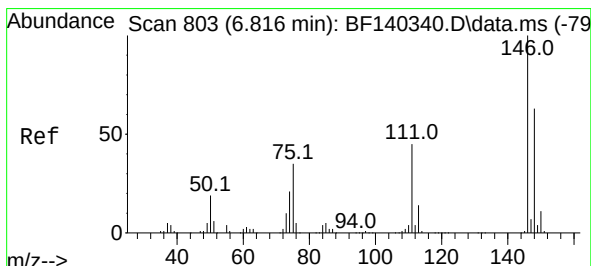
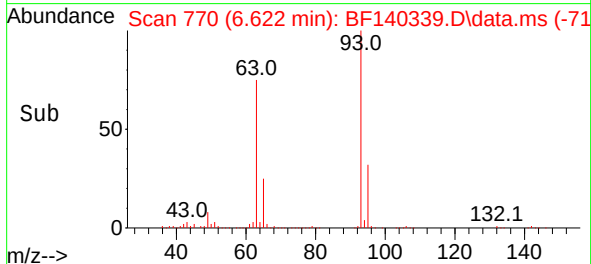
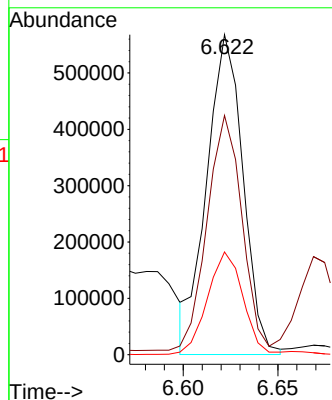
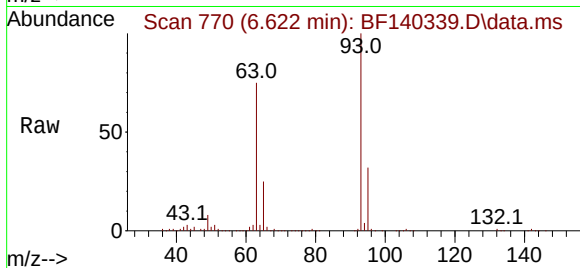




#11
bis(2-Chloroethyl)ether
Concen: 74.376 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

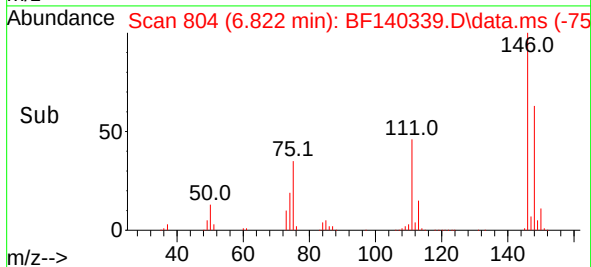
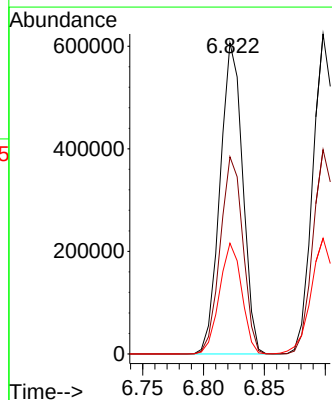
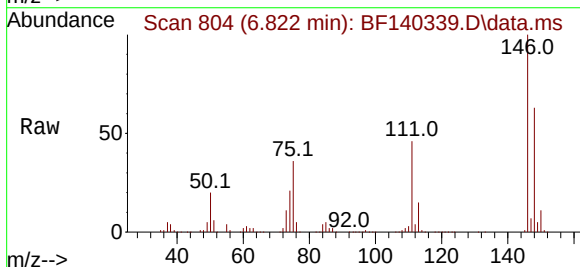
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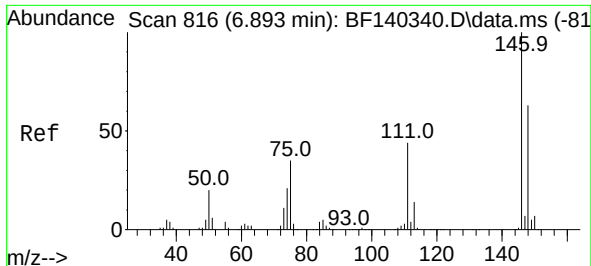
Tgt Ion:	93	Resp:	756191
Ion	Ratio	Lower	Upper
93	100		
63	74.7	54.0	94.0
95	32.1	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 70.364 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:	146	Resp:	783204
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
75	35.6	26.4	39.6

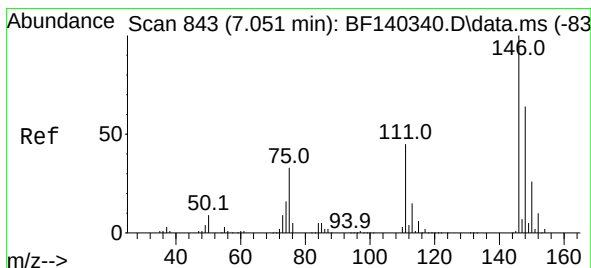
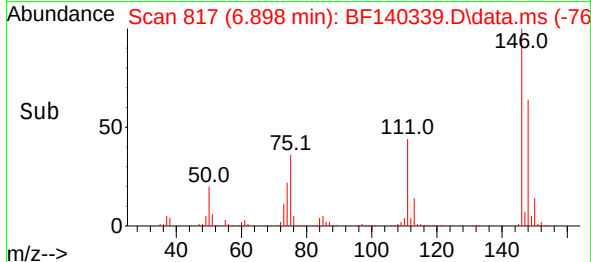
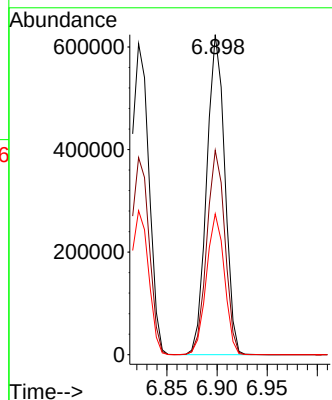
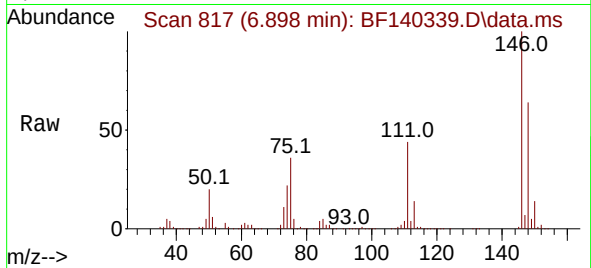




#13
1,4-Dichlorobenzene
Concen: 69.404 ng
RT: 6.898 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

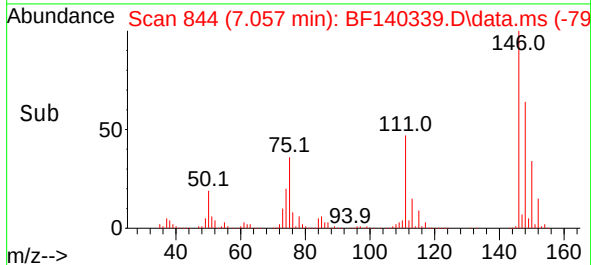
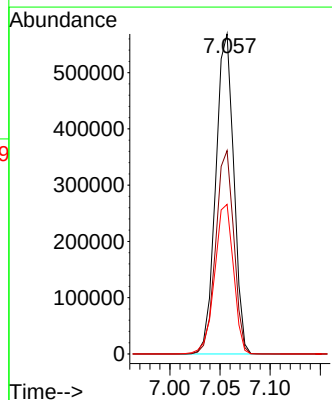
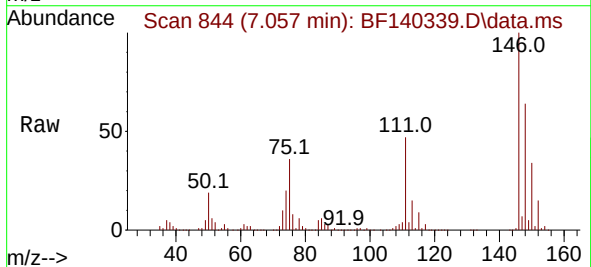
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

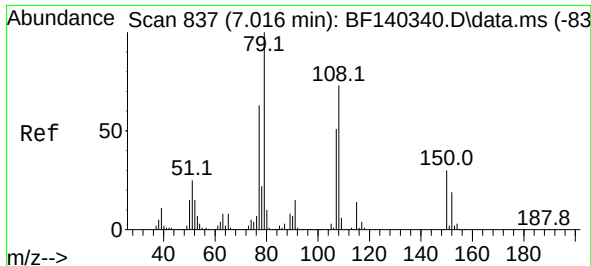
Tgt Ion:146 Resp: 783319
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 44.0 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 67.802 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:146 Resp: 710399
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 46.7 36.5 54.7

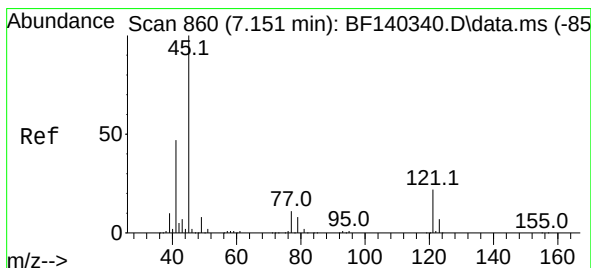
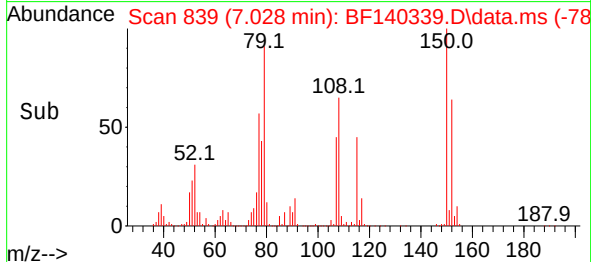
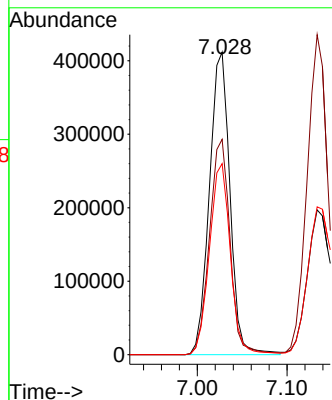
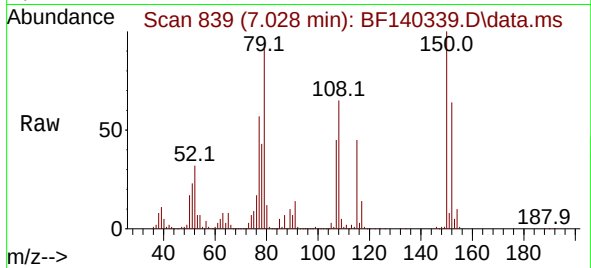




#15
Benzyl Alcohol
Concen: 71.389 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

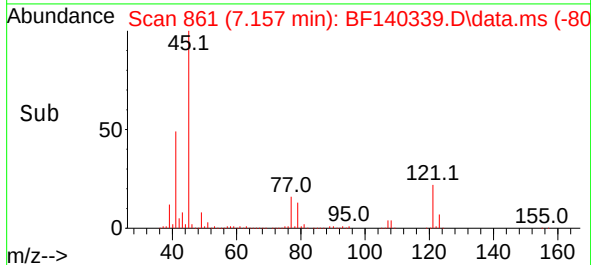
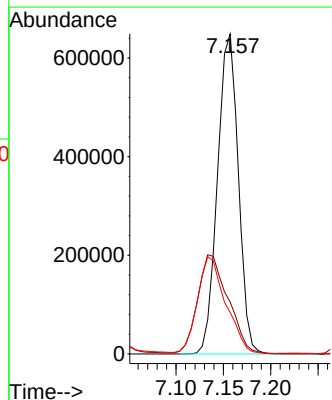
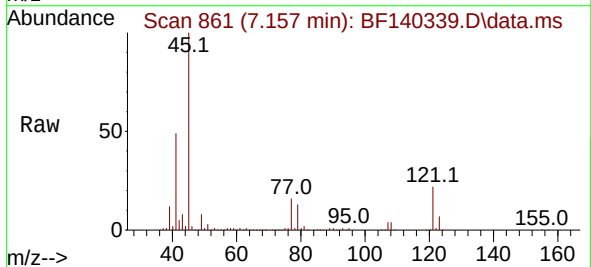
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

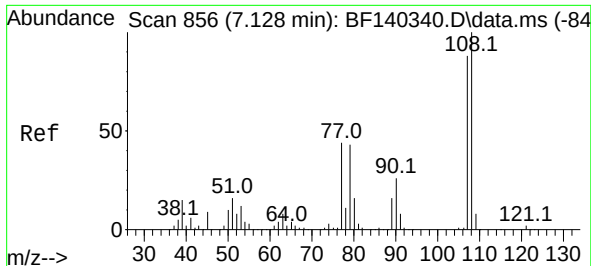
Tgt Ion: 79 Resp: 654439
Ion Ratio Lower Upper
79 100
108 71.2 57.8 86.6
77 63.1 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.738 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 45 Resp: 993408
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.8
79 13.0 0.0 31.4

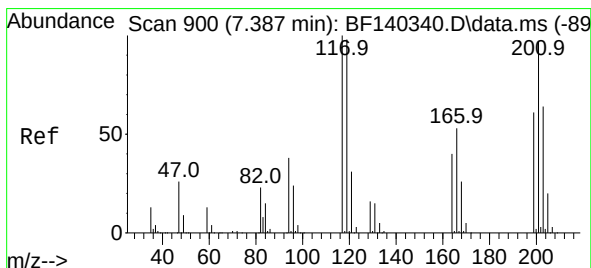
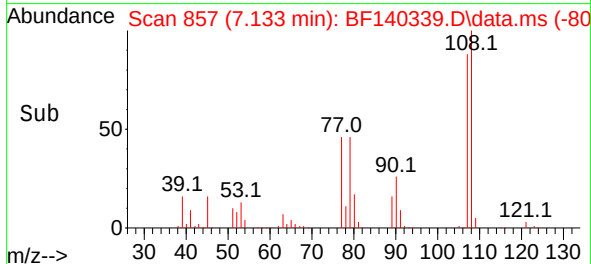
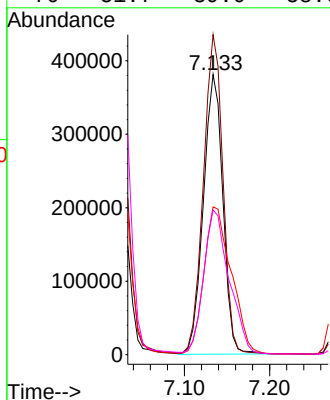
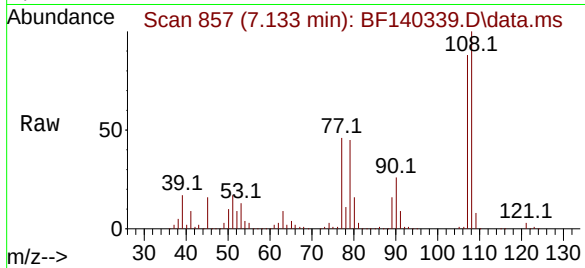




#17
2-Methylphenol
Concen: 72.829 ng
RT: 7.133 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

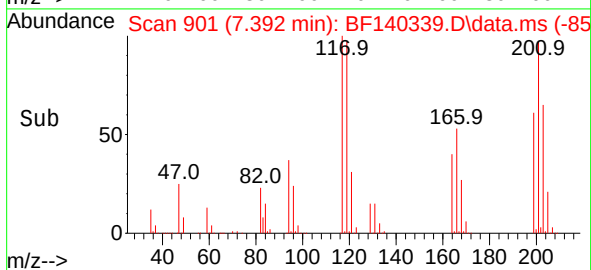
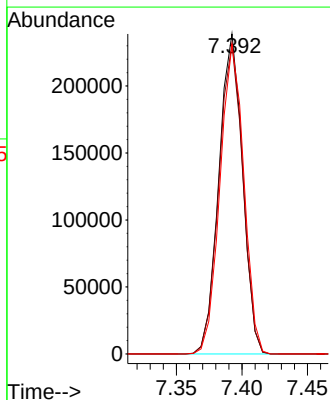
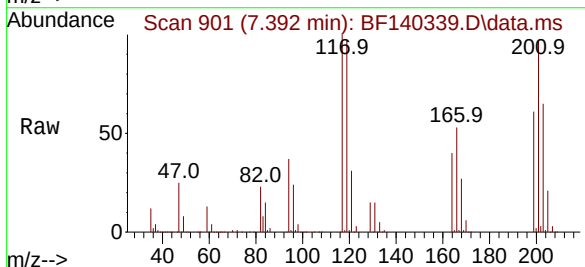
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

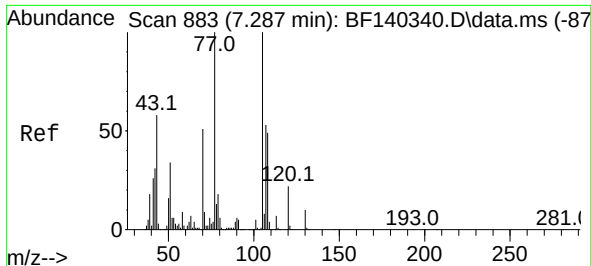
Tgt Ion:	107	Resp:	604396
Ion Ratio	Lower	Upper	
107	100		
108	114.2	91.9	137.9
77	52.8	39.7	59.5
79	51.7	39.0	58.6



#18
Hexachloroethane
Concen: 71.979 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:	117	Resp:	300328
Ion Ratio	Lower	Upper	
117	100		
119	96.9	76.9	115.3
201	96.7	80.2	120.4





#19

n-Nitroso-di-n-propylamine

Concen: 70.790 ng

RT: 7.304 min Scan# 886

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 543998

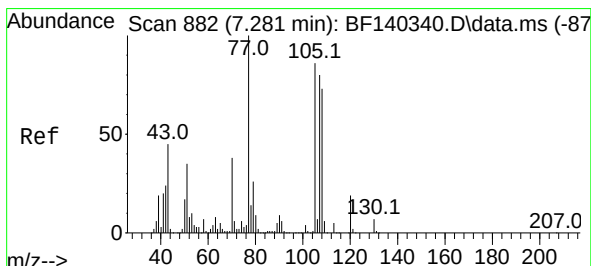
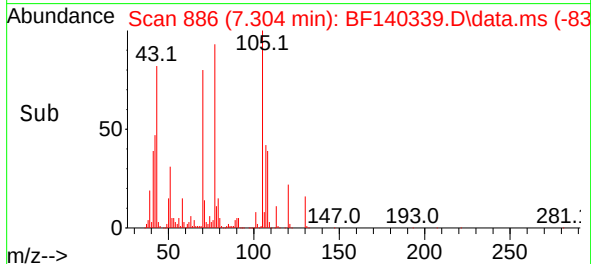
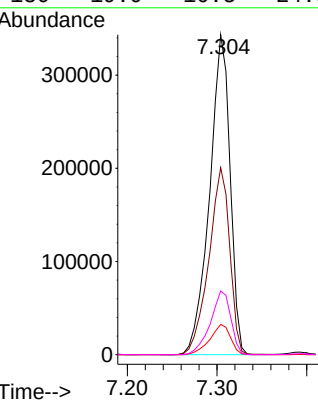
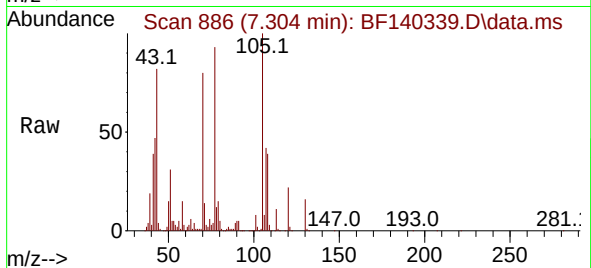
Ion Ratio Lower Upper

70 100

42 58.5 46.8 70.2

101 9.4 7.5 11.3

130 19.9 16.3 24.5



#20

3+4-Methylphenols

Concen: 67.394 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Tgt Ion: 107 Resp: 699451

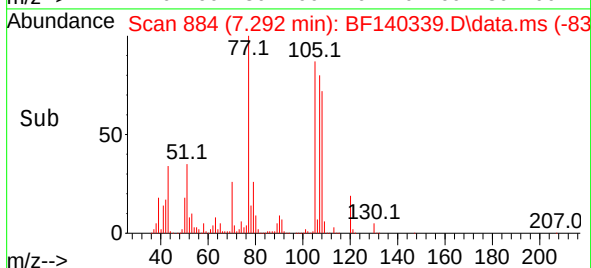
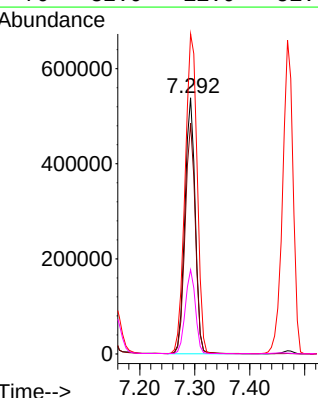
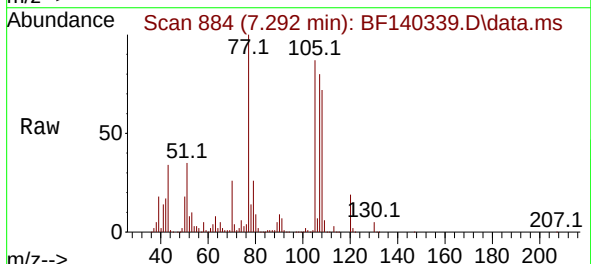
Ion Ratio Lower Upper

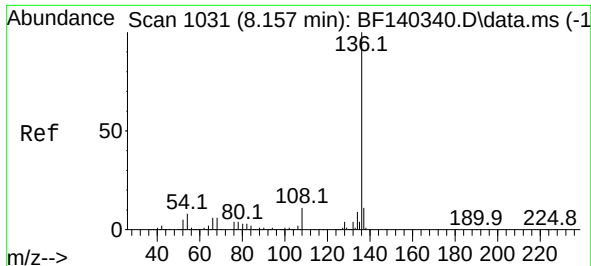
107 100

108 90.0 71.4 111.4

77 125.0 97.0 137.0

79 32.9 11.9 51.9

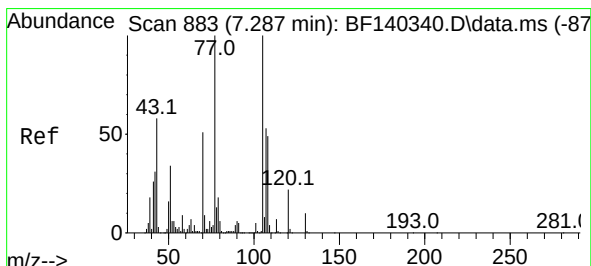
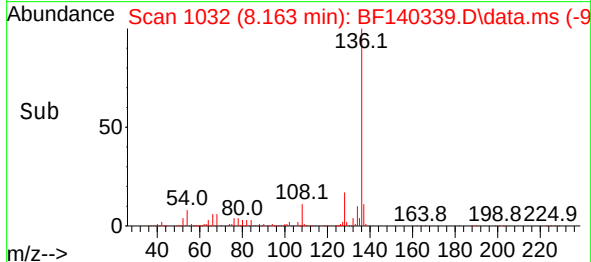
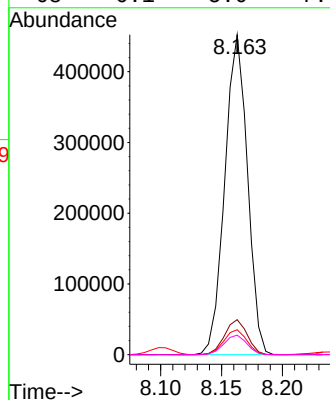
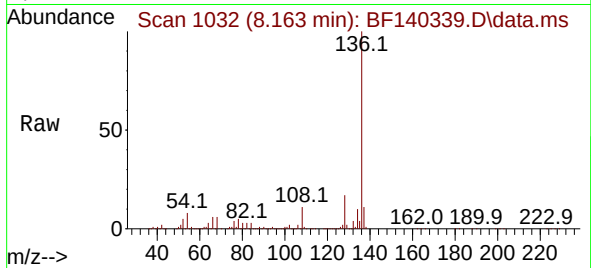




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

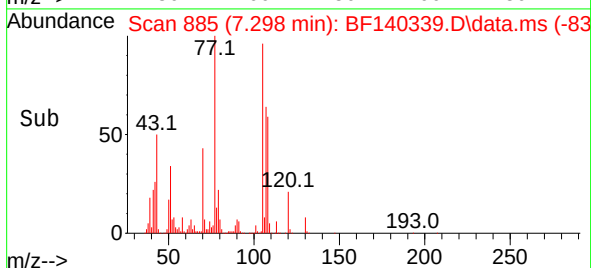
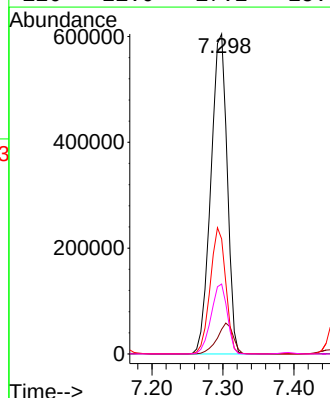
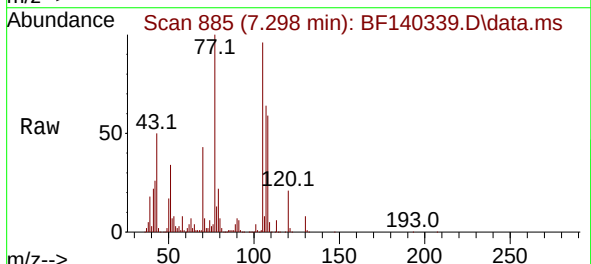
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

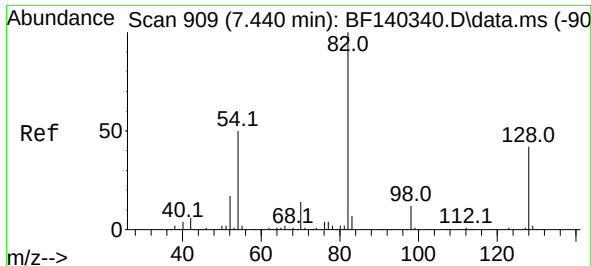
Tgt Ion:136 Resp: 586224
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.5 9.7
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 70.637 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:105 Resp: 963095
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 36.0 28.6 43.0
120 21.9 17.2 25.8





#23

Nitrobenzene-d5

Concen: 147.640 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

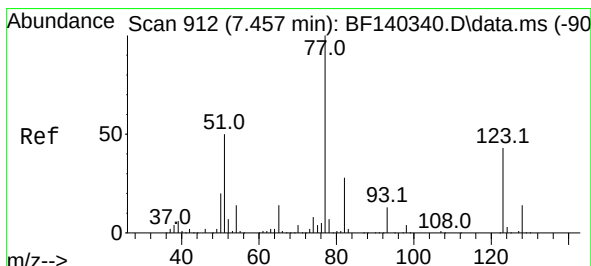
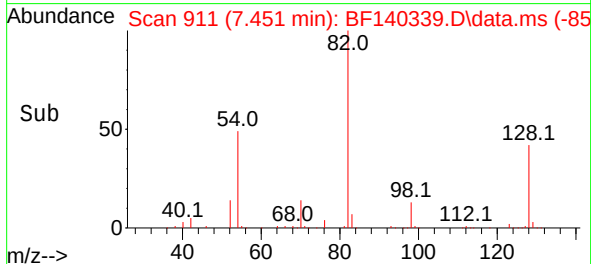
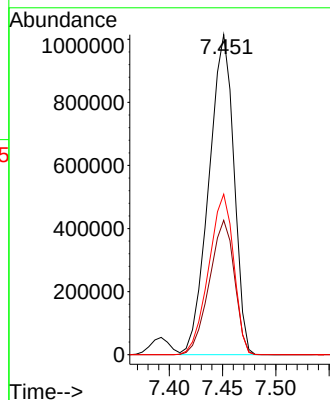
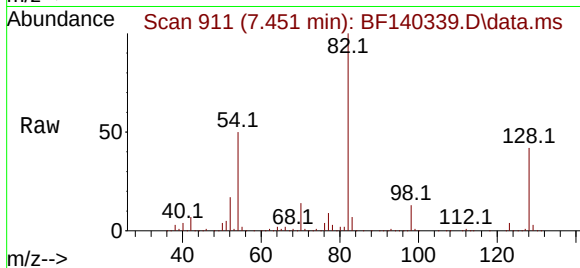
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1661144

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.3	49.9
54	50.1	39.8	59.8



#24

Nitrobenzene

Concen: 74.350 ng

RT: 7.469 min Scan# 914

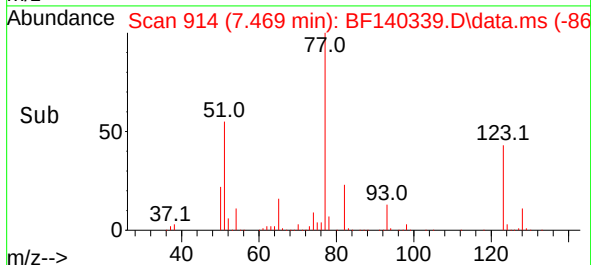
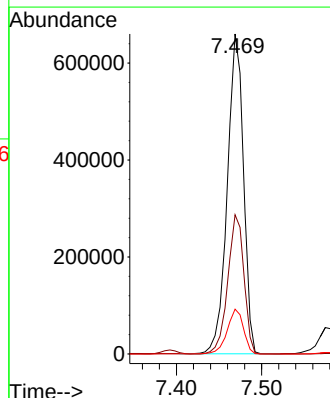
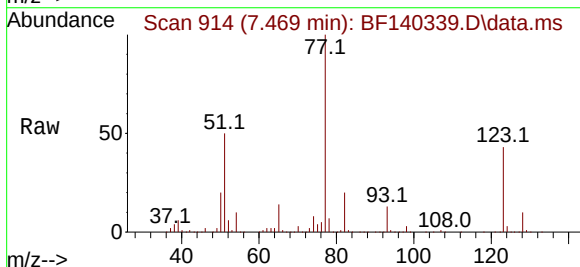
Delta R.T. 0.006 min

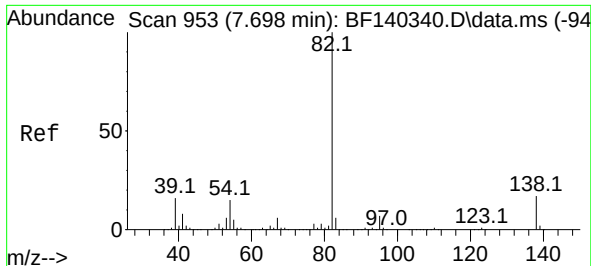
Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Tgt Ion: 77 Resp: 870976

Ion	Ratio	Lower	Upper
77	100		
123	43.5	35.4	53.0
65	14.0	11.1	16.7

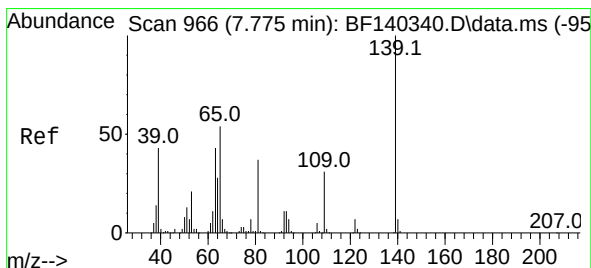
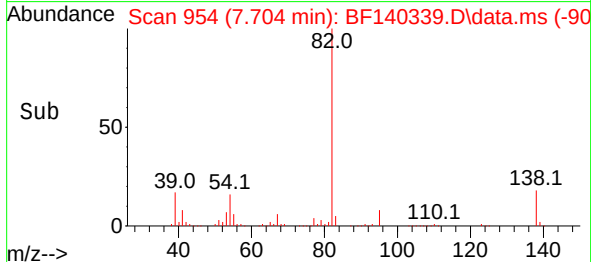
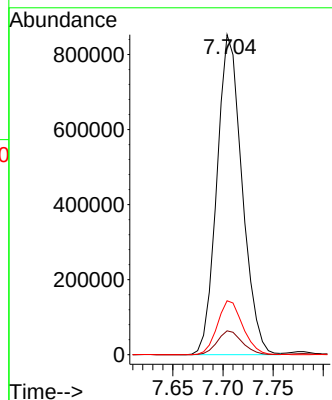
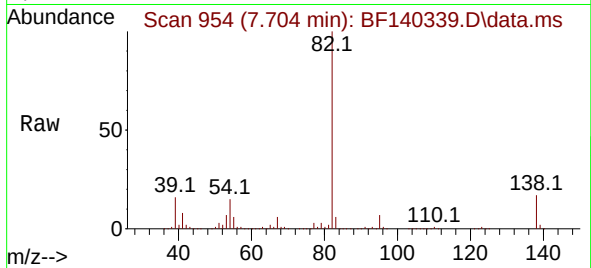




#25
Isophorone
Concen: 74.586 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

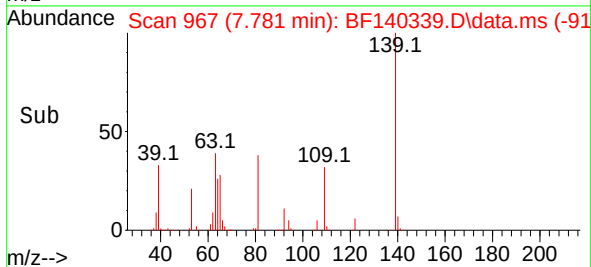
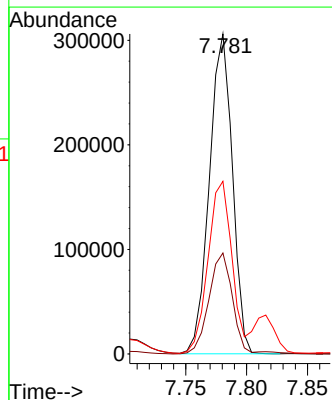
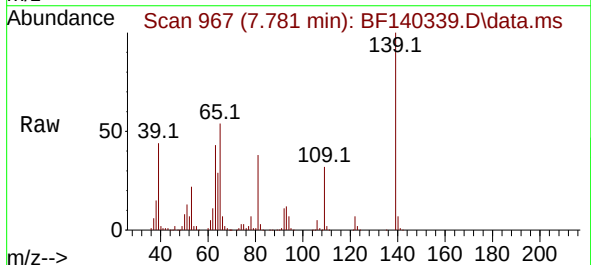
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

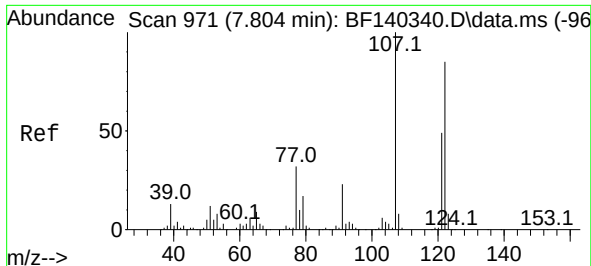
Tgt Ion: 82 Resp: 1487295
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 16.9 13.4 20.2



#26
2-Nitrophenol
Concen: 77.328 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:139 Resp: 401982
Ion Ratio Lower Upper
139 100
109 31.5 24.4 36.6
65 53.9 42.8 64.2

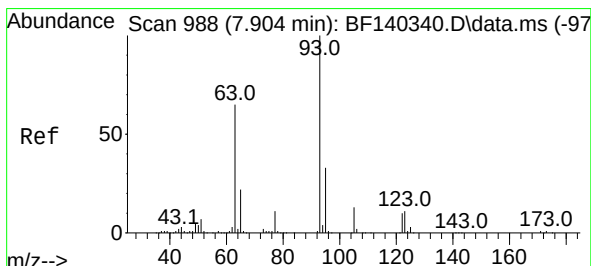
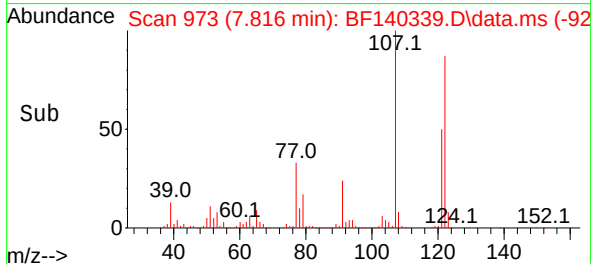
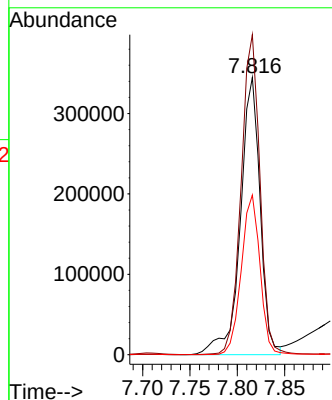
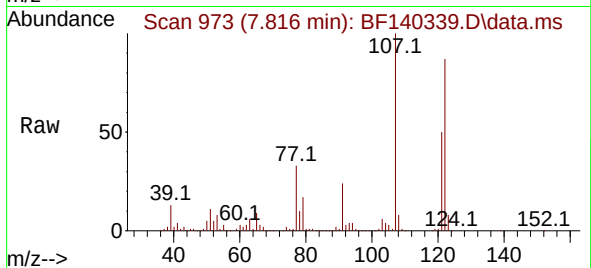




#27
2,4-Dimethylphenol
Concen: 75.234 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

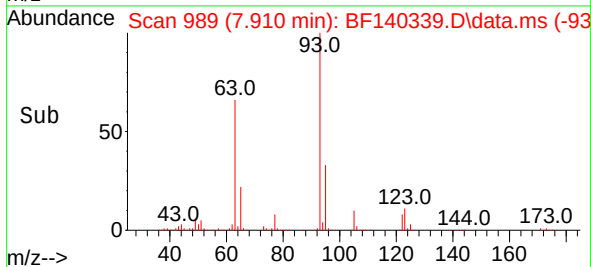
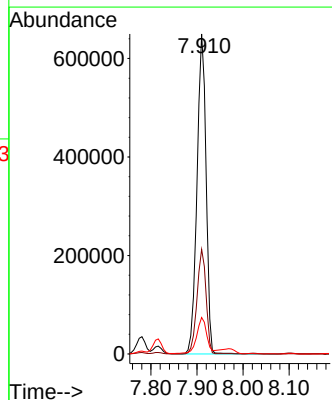
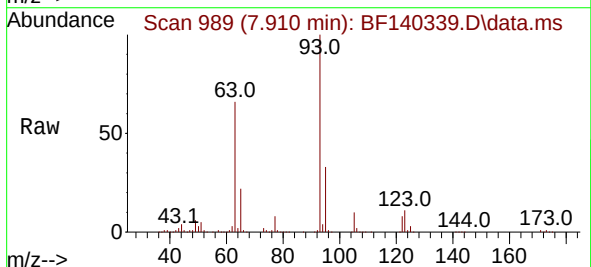
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

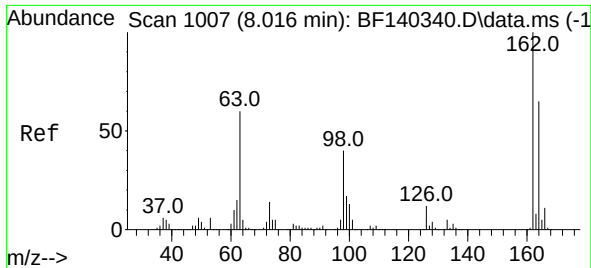
Tgt Ion:122 Resp: 500708
Ion Ratio Lower Upper
122 100
107 115.4 91.3 136.9
121 57.6 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 72.597 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 93 Resp: 887655
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 72.647 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

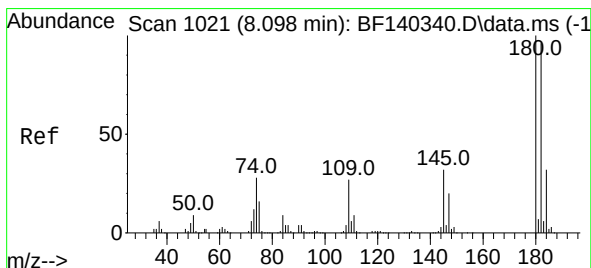
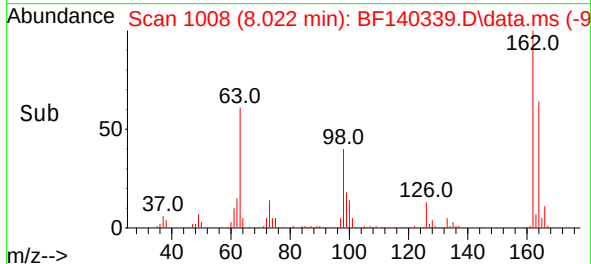
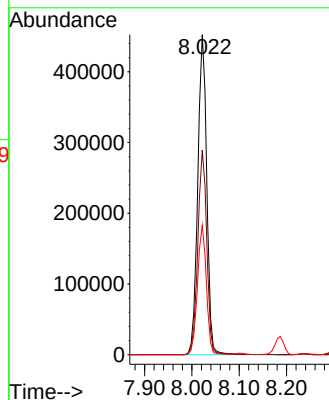
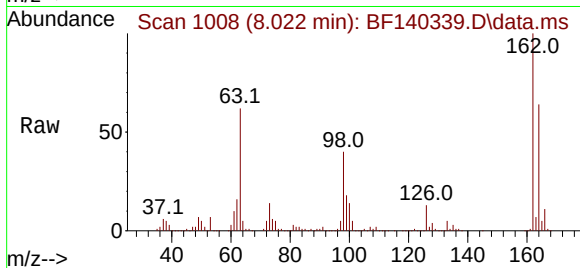
Tgt Ion:162 Resp: 597530

Ion Ratio Lower Upper

162 100

164 64.0 45.4 85.4

98 40.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 72.454 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

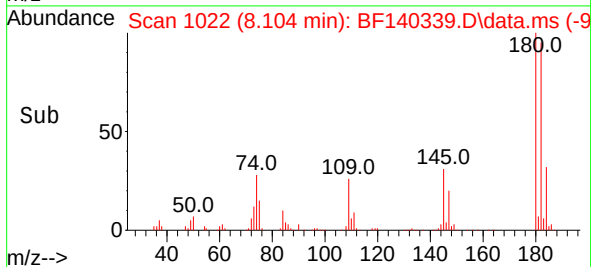
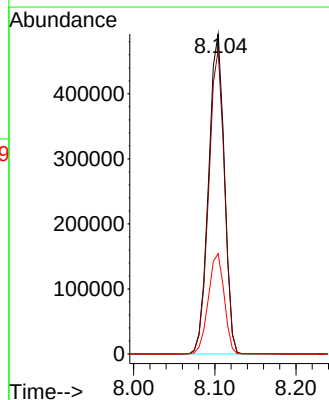
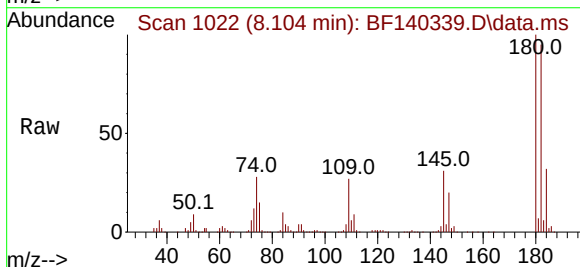
Tgt Ion:180 Resp: 663478

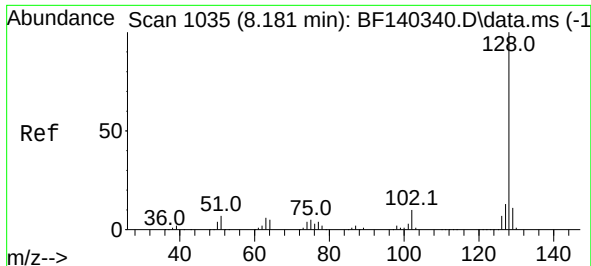
Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

145 31.4 25.3 37.9

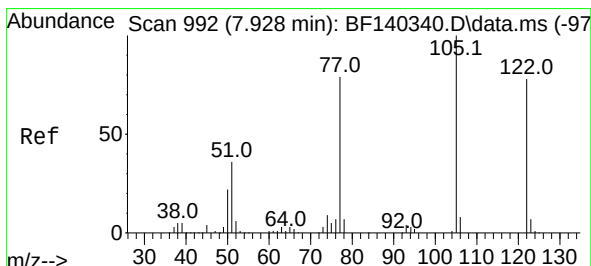
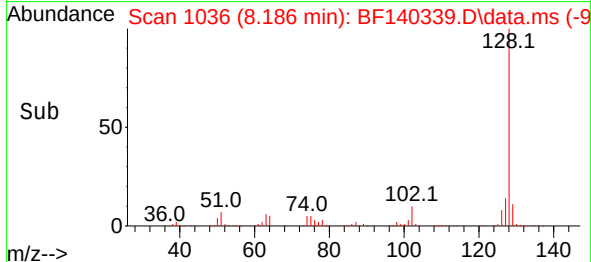
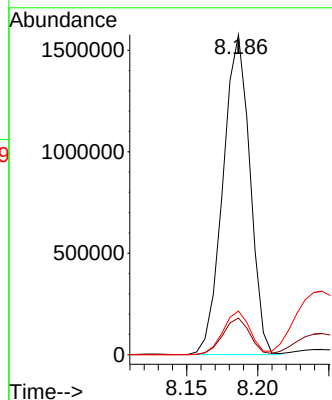
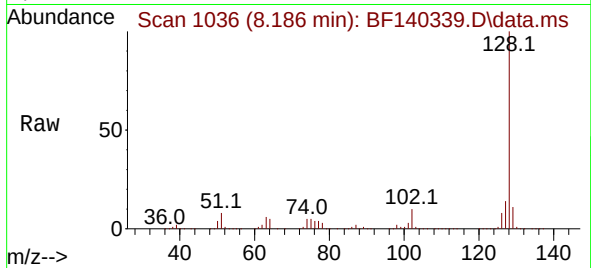




#31
Naphthalene
Concen: 69.842 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

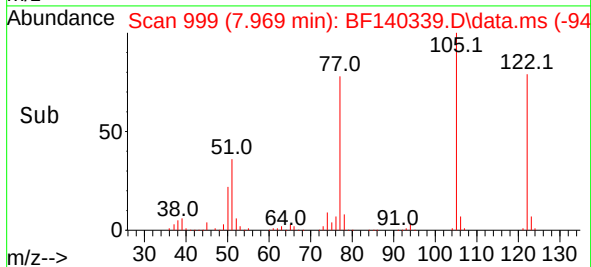
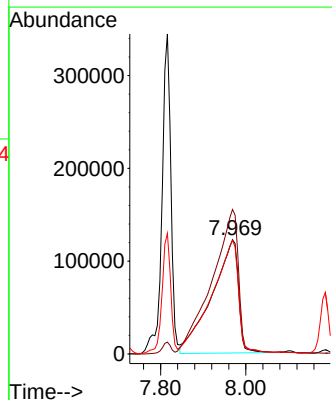
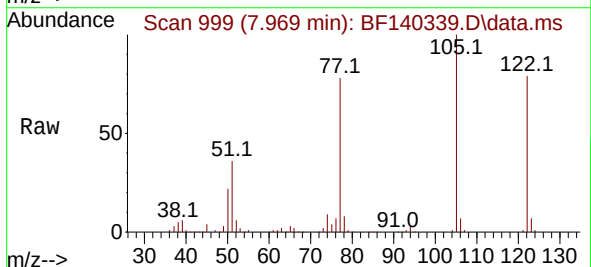
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

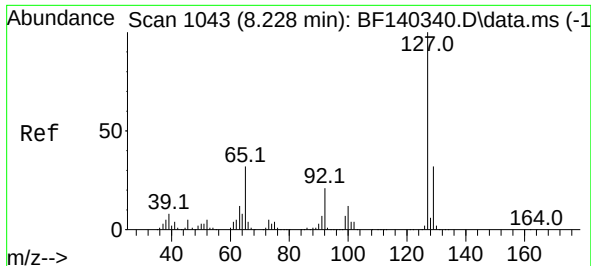
Tgt Ion:128 Resp: 2076967
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.7 10.6 15.8



#32
Benzoic acid
Concen: 90.483 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.041 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:122 Resp: 529009
Ion Ratio Lower Upper
122 100
105 126.5 100.9 140.9
77 99.3 76.0 116.0





#33

4-Chloroaniline

Concen: 70.572 ng

RT: 8.245 min Scan# 1046

Delta R.T. 0.017 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 729859

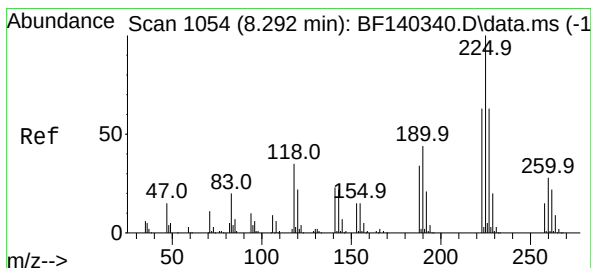
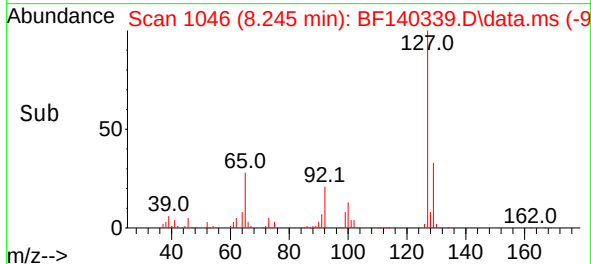
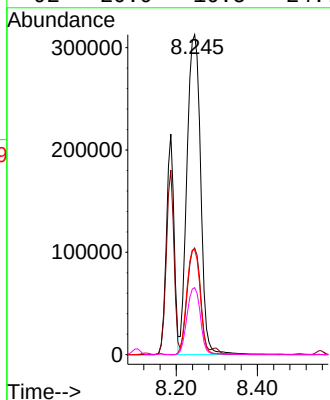
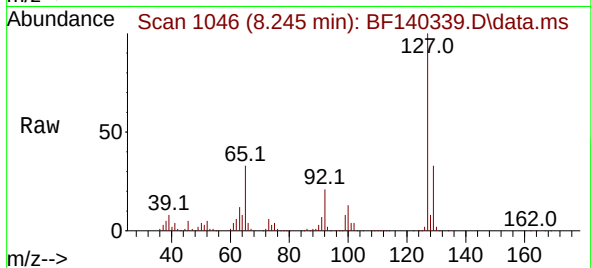
Ion Ratio Lower Upper

127 100

129 33.4 26.2 39.4

65 32.7 25.8 38.6

92 20.9 16.5 24.7



#34

Hexachlorobutadiene

Concen: 71.513 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

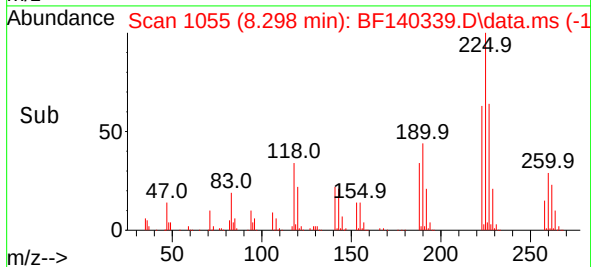
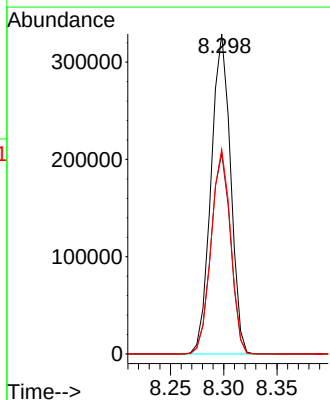
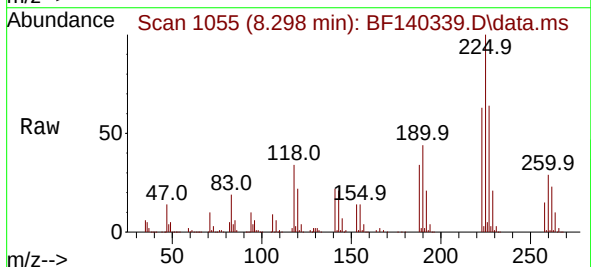
Tgt Ion:225 Resp: 417242

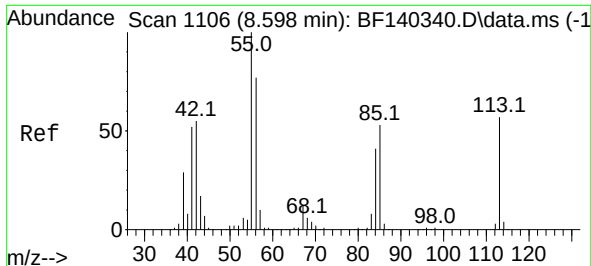
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 63.9 51.3 76.9





#35

Caprolactam

Concen: 62.257 ng

RT: 8.627 min Scan# 1111

Delta R.T. 0.029 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

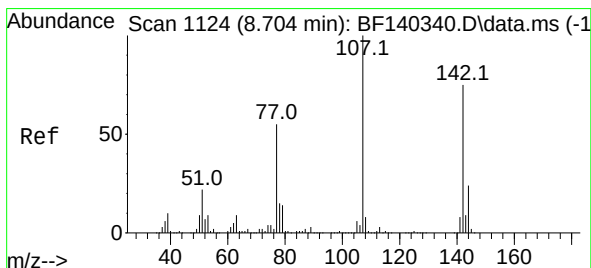
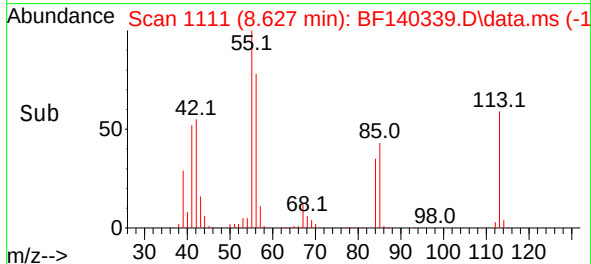
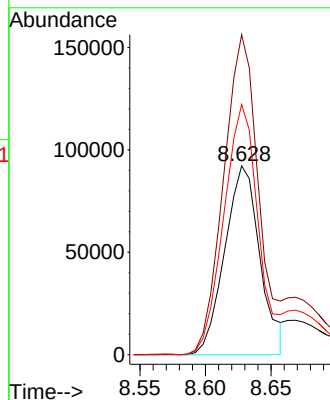
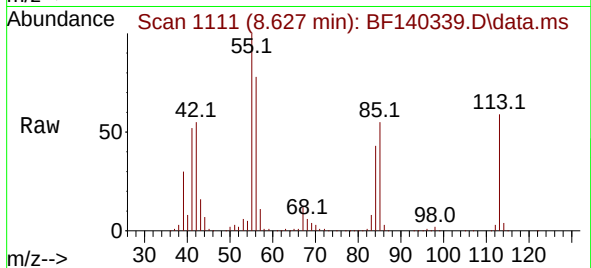
Tgt Ion:113 Resp: 172163

Ion Ratio Lower Upper

113 100

55 169.5 150.0 190.0

56 132.5 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 73.742 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

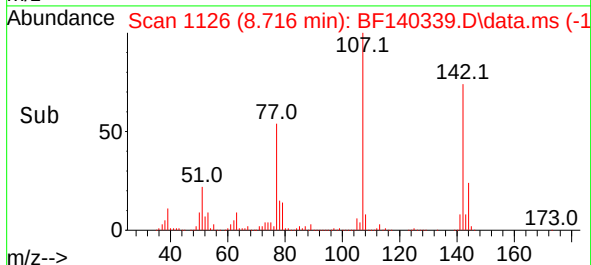
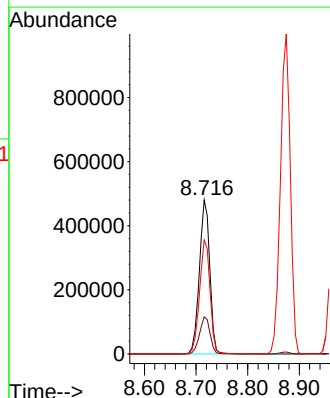
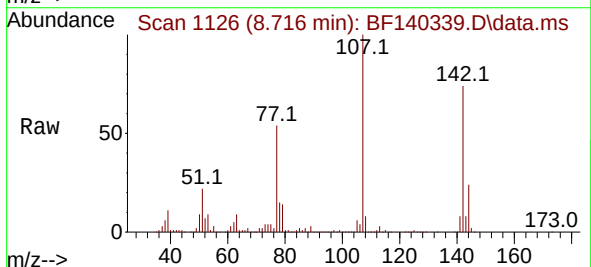
Tgt Ion:107 Resp: 672162

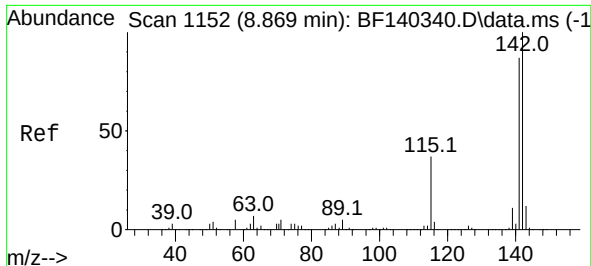
Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

142 74.0 59.4 89.0





#37

2-Methylnaphthalene

Concen: 69.428 ng

RT: 8.875 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

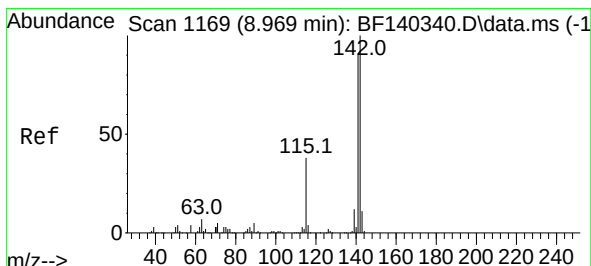
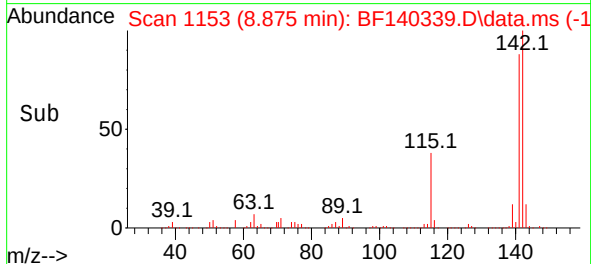
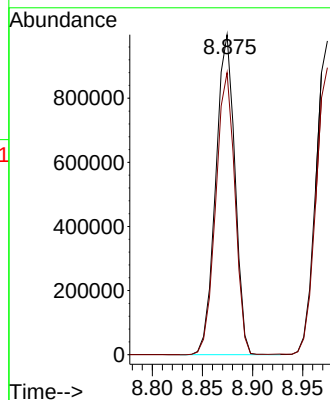
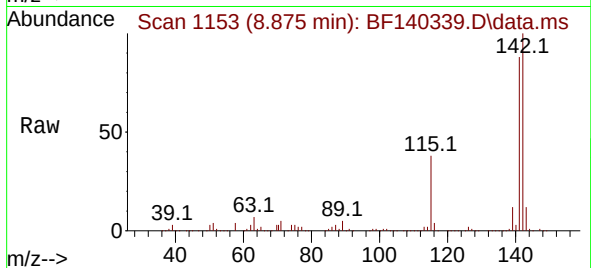
SSTDICC080

Tgt Ion:142 Resp: 1323889

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6



#38

1-Methylnaphthalene

Concen: 69.046 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF140339.D

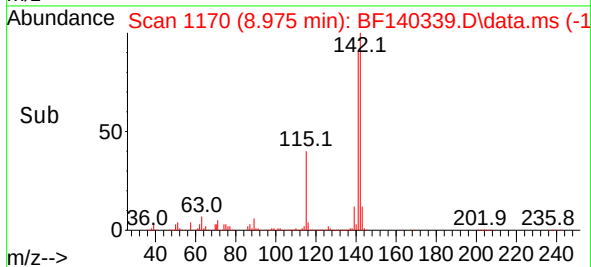
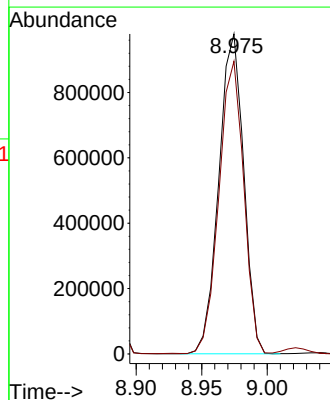
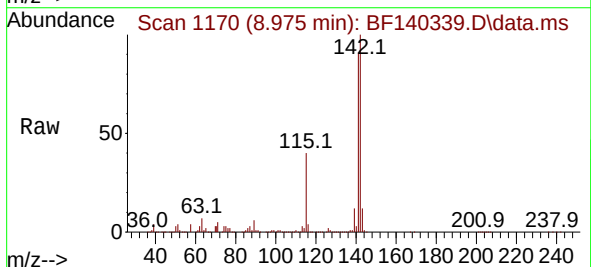
Acq: 13 Nov 2024 12:13

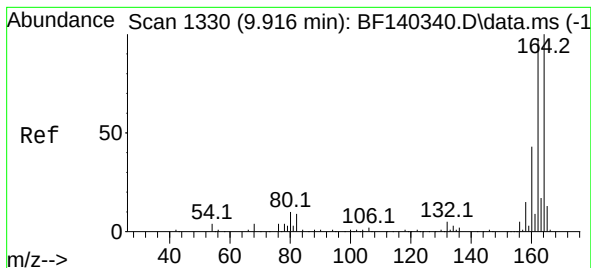
Tgt Ion:142 Resp: 1289276

Ion Ratio Lower Upper

142 100

141 91.5 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140339.D

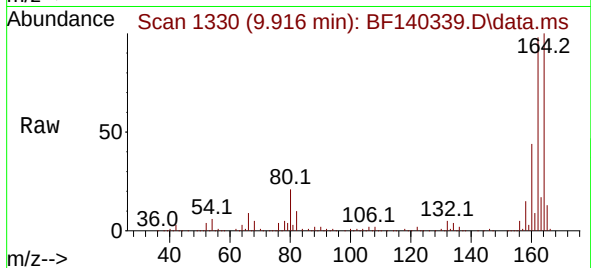
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



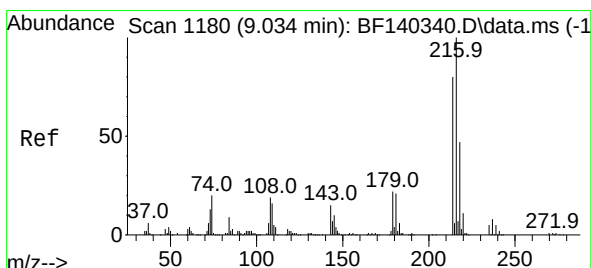
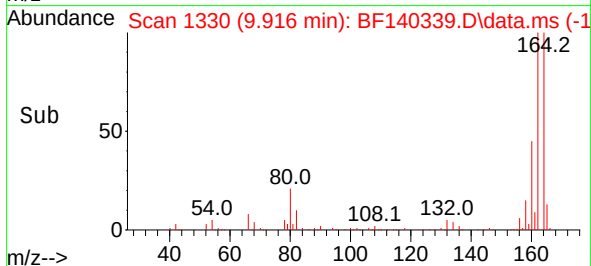
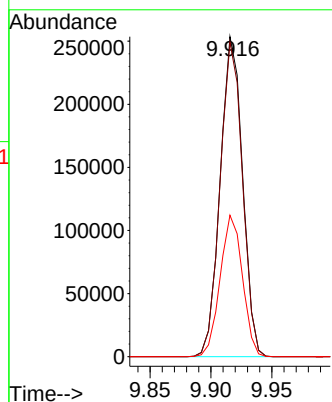
Tgt Ion:164 Resp: 324351

Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 70.223 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Tgt Ion:216 Resp: 629856

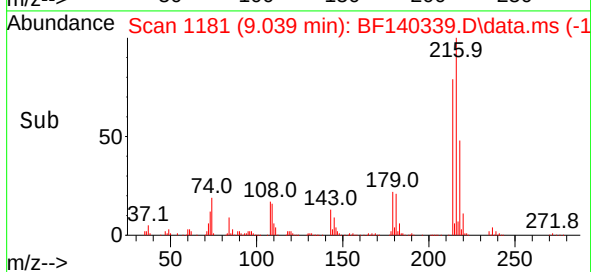
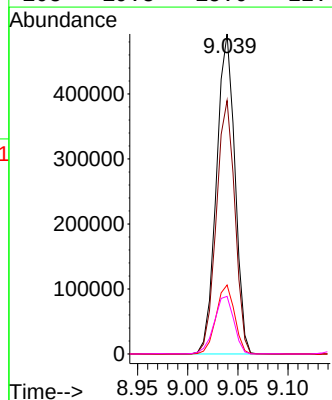
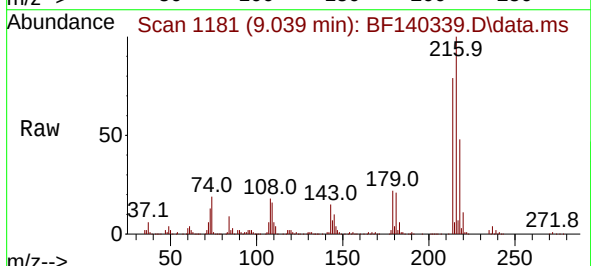
Ion Ratio Lower Upper

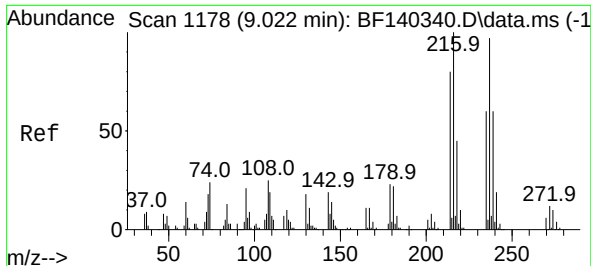
216 100

214 79.4 63.2 94.8

179 21.5 17.2 25.8

108 19.3 15.0 22.4

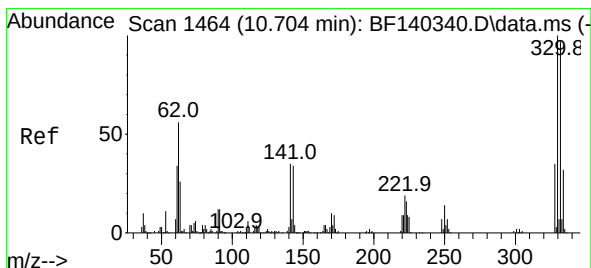
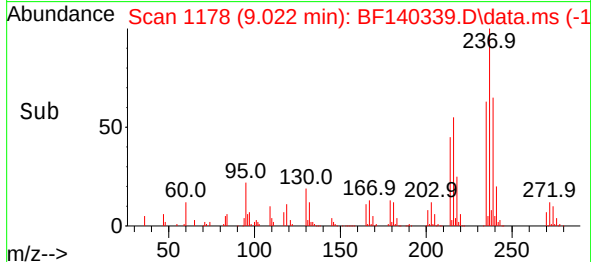
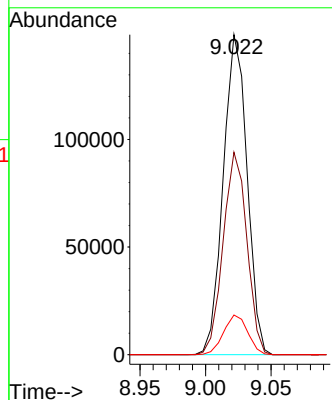
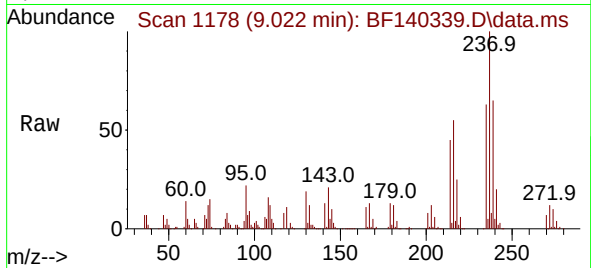




#41
Hexachlorocyclopentadiene
Concen: 81.579 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

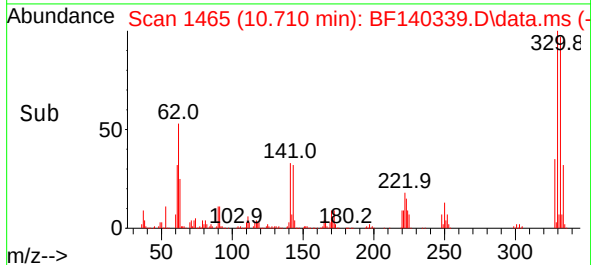
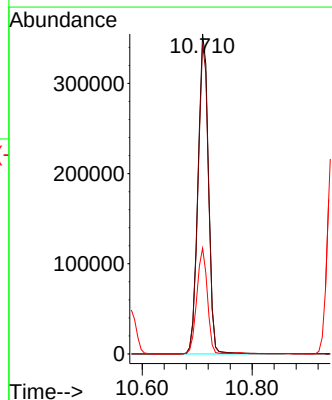
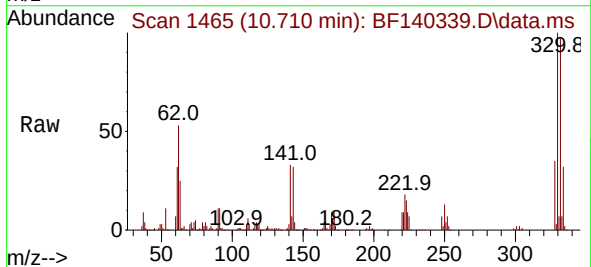
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

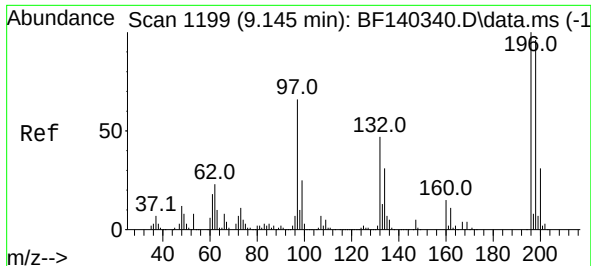
Tgt Ion:237 Resp: 187869
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 12.4 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 146.244 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:330 Resp: 471699
Ion Ratio Lower Upper
330 100
332 97.1 75.9 113.9
141 32.9 26.9 40.3

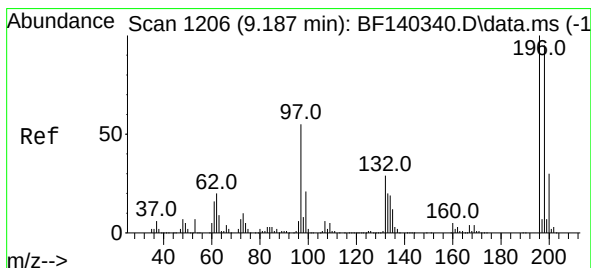
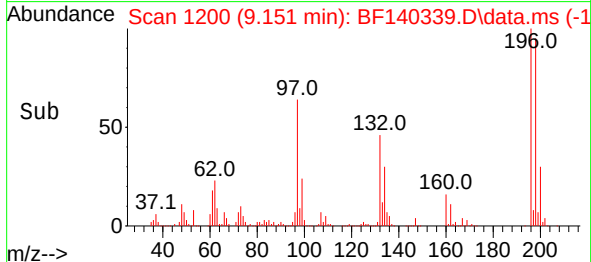
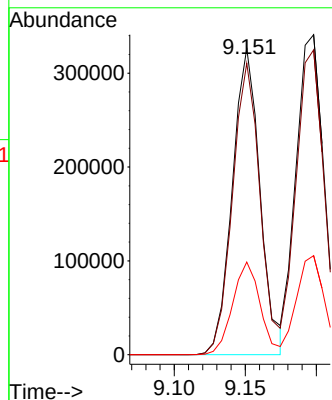
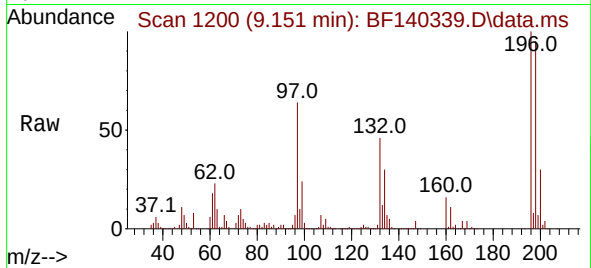




#43
2,4,6-Trichlorophenol
Concen: 75.110 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

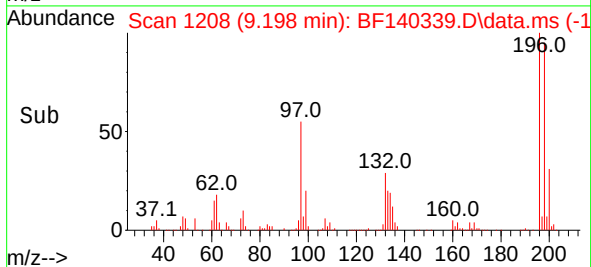
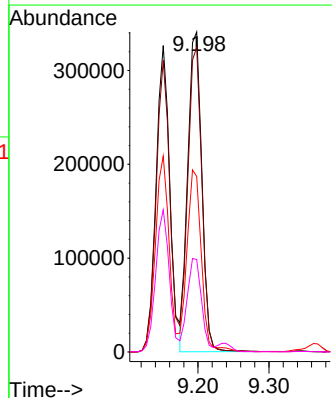
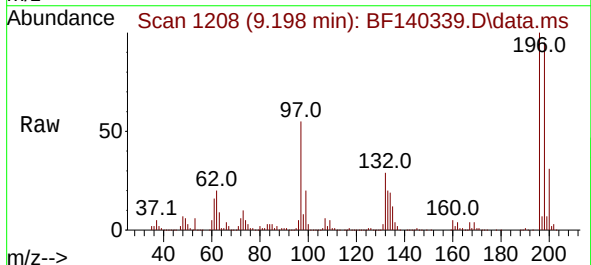
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

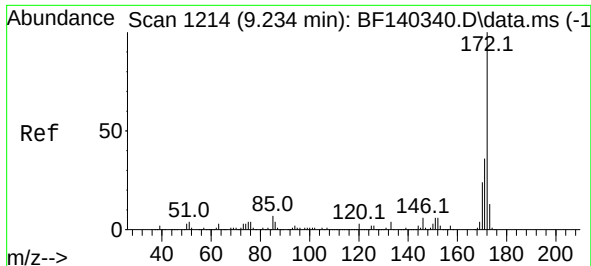
Tgt Ion:196 Resp: 442116
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
200 30.2 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 72.781 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:196 Resp: 468390
Ion Ratio Lower Upper
196 100
198 95.3 77.6 116.4
97 54.8 45.4 68.2
132 28.9 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 132.597 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

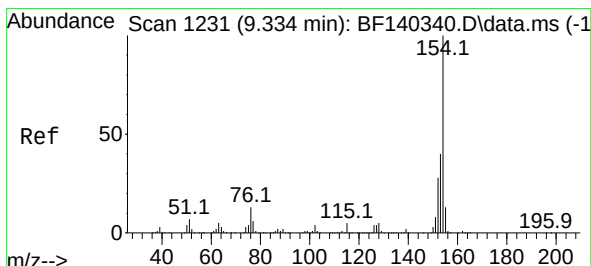
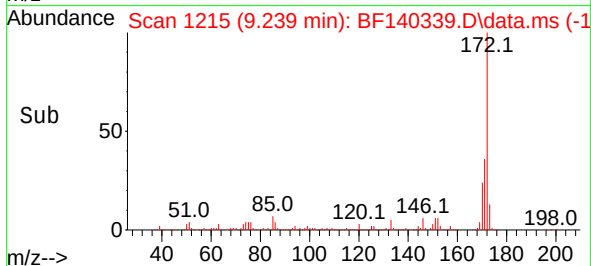
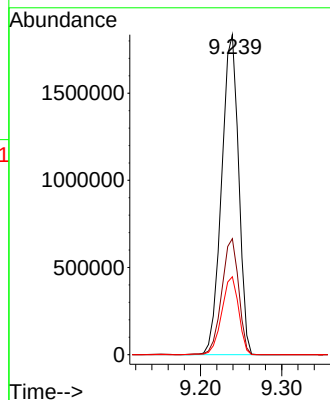
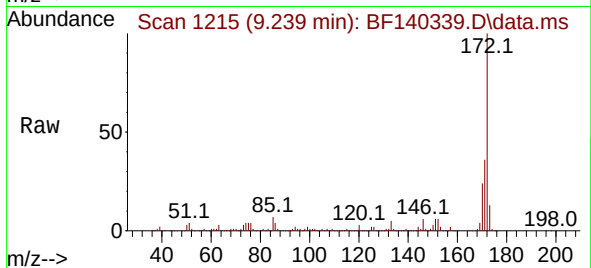
Tgt Ion:172 Resp: 2675376

Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 68.375 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

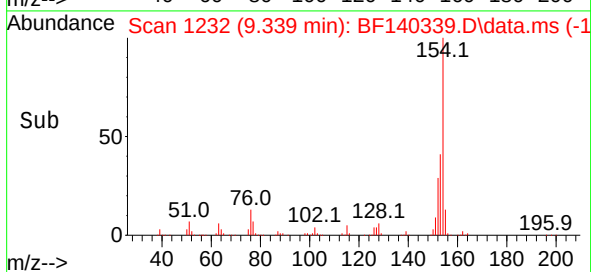
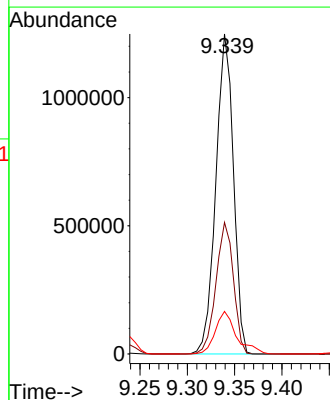
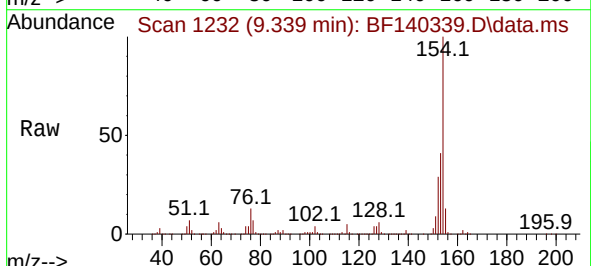
Tgt Ion:154 Resp: 1613420

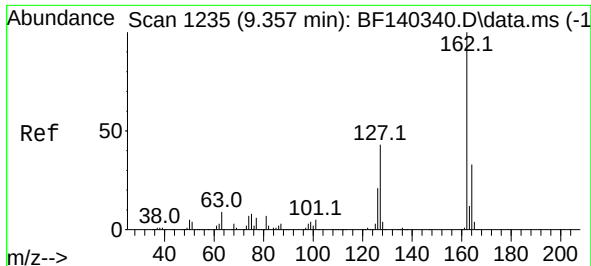
Ion Ratio Lower Upper

154 100

153 41.1 20.4 60.4

76 13.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 70.067 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

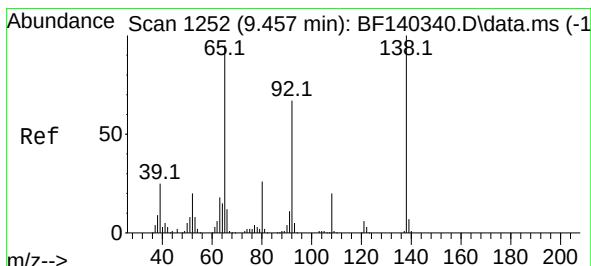
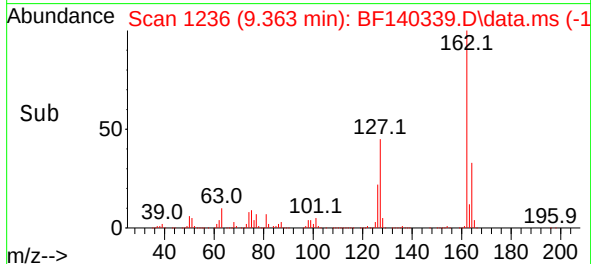
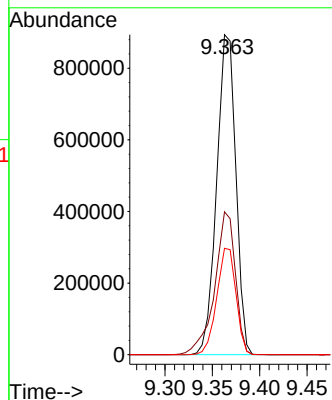
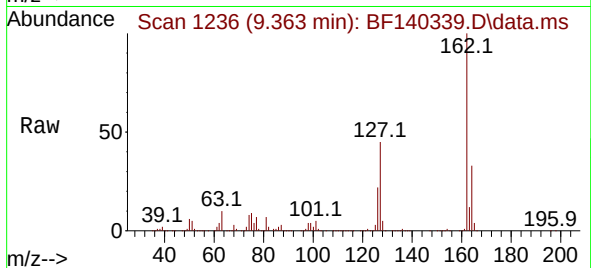
Tgt Ion:162 Resp: 1259442

Ion Ratio Lower Upper

162 100

127 44.7 34.0 51.0

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 76.323 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

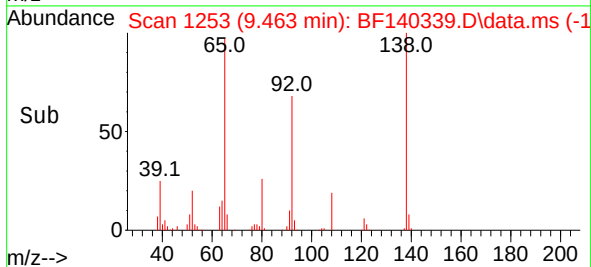
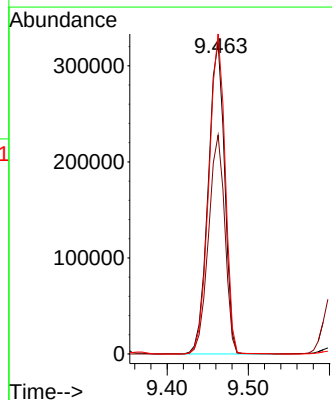
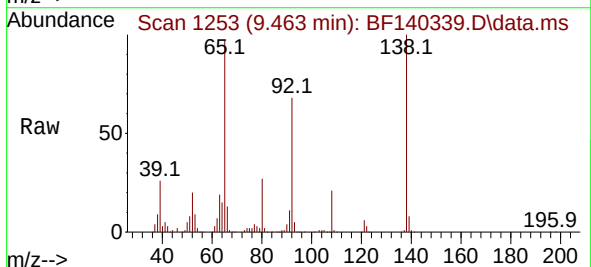
Tgt Ion: 65 Resp: 454975

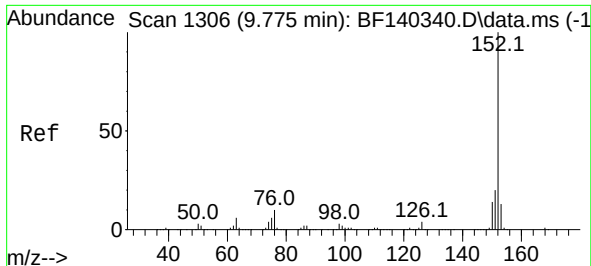
Ion Ratio Lower Upper

65 100

92 70.2 56.4 84.6

138 102.6 84.8 127.2





#49

Acenaphthylene

Concen: 68.758 ng

RT: 9.780 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

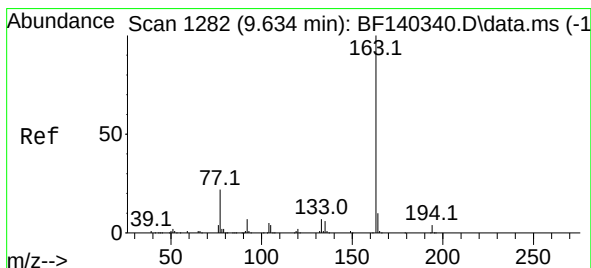
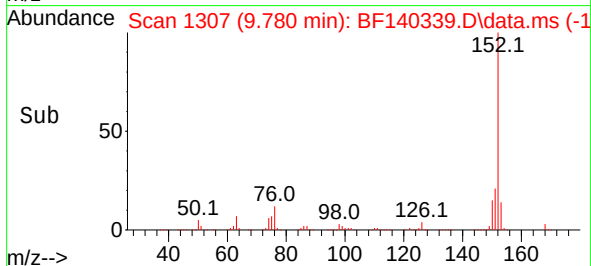
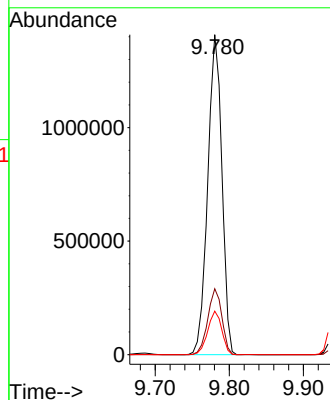
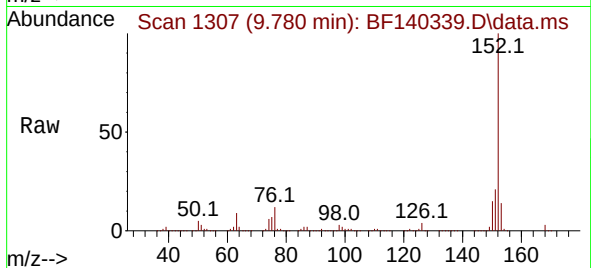
Tgt Ion:152 Resp: 1869941

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 72.473 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

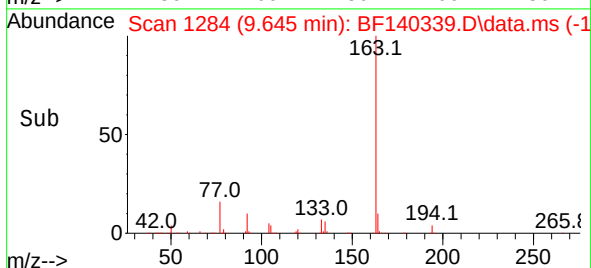
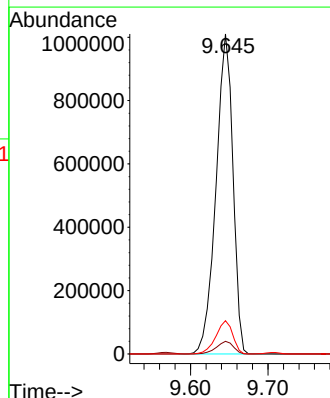
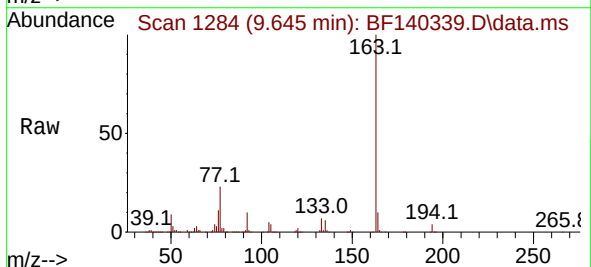
Tgt Ion:163 Resp: 1532197

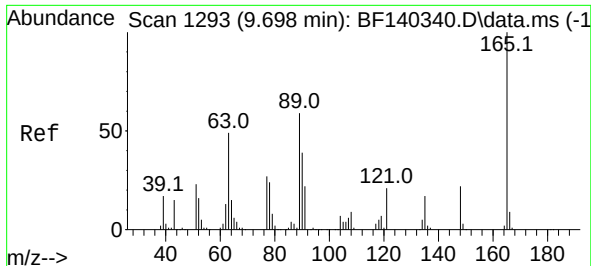
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 72.207 ng

RT: 9.704 min Scan# 1294

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

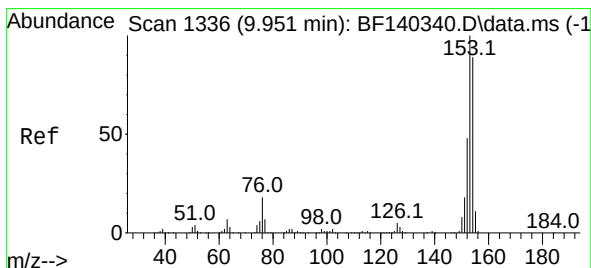
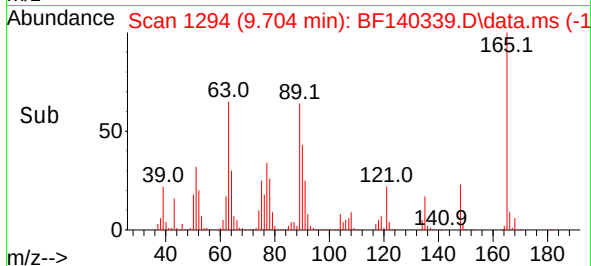
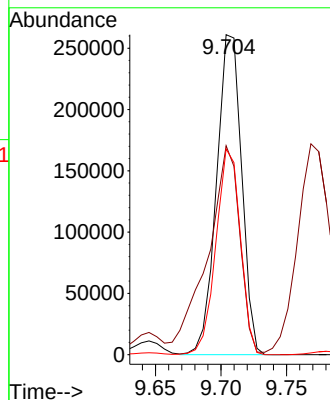
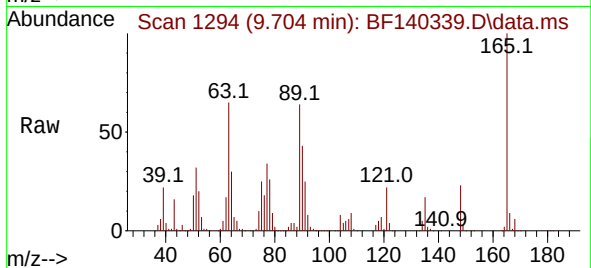
Tgt Ion:165 Resp: 348019

Ion Ratio Lower Upper

165 100

63 65.3 47.6 71.4

89 64.3 48.1 72.1



#52

Acenaphthene

Concen: 71.065 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

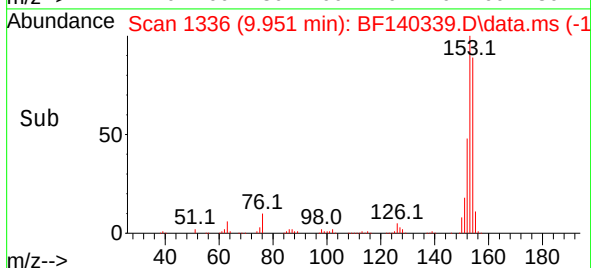
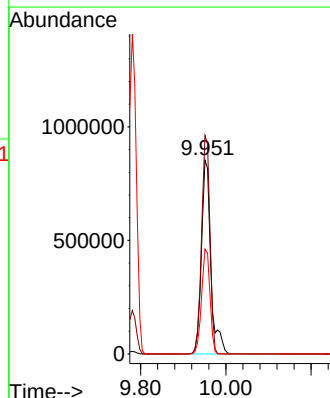
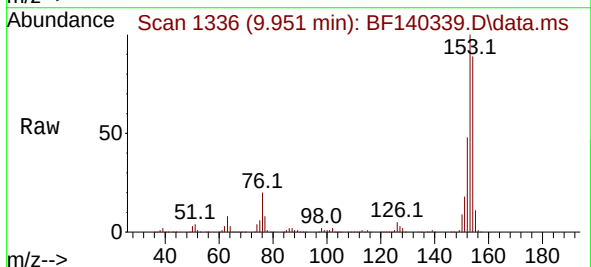
Tgt Ion:154 Resp: 1305360

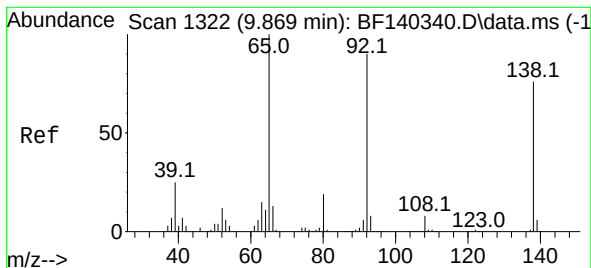
Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.8

152 54.1 42.6 64.0





#53

3-Nitroaniline

Concen: 70.369 ng

RT: 9.874 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

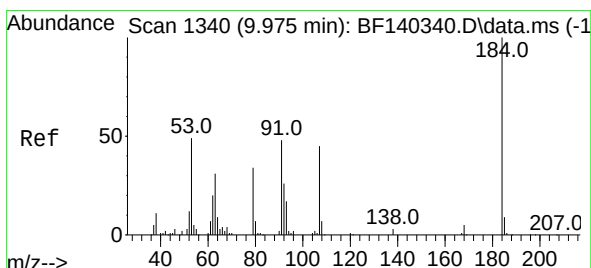
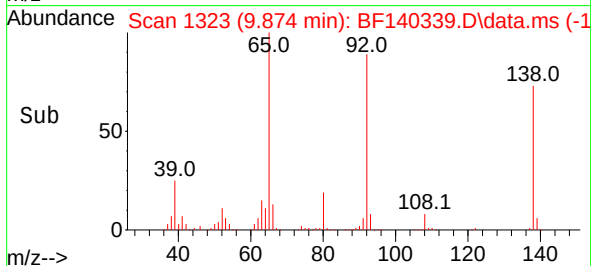
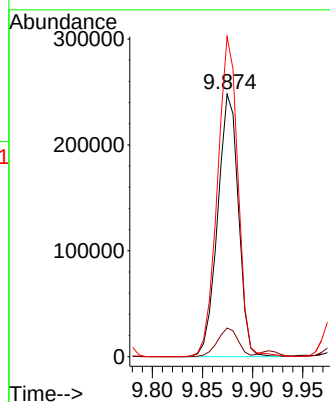
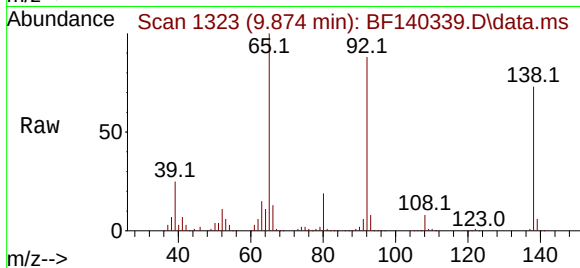
Tgt Ion:138 Resp: 356185

Ion Ratio Lower Upper

138 100

108 10.9 8.4 12.6

92 121.9 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 87.514 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

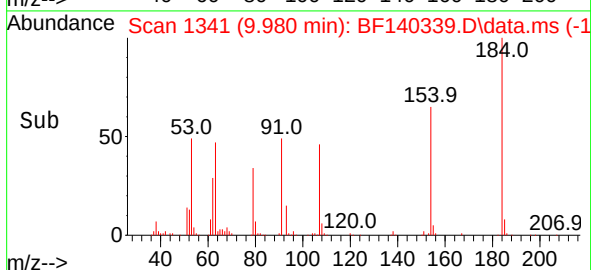
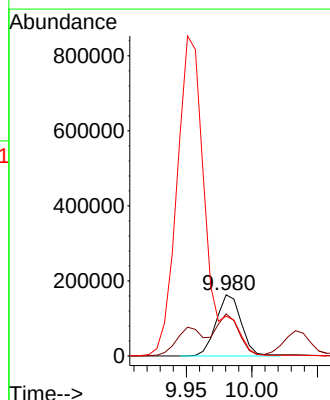
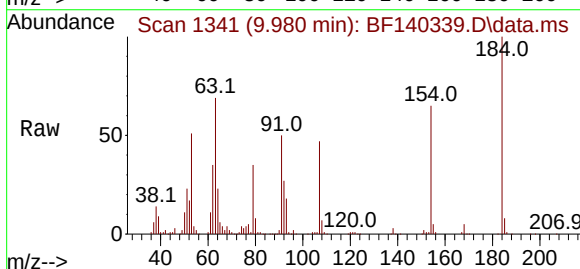
Tgt Ion:184 Resp: 217511

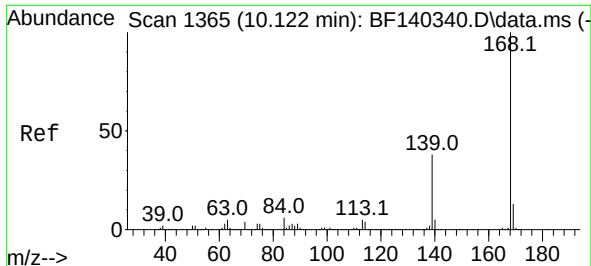
Ion Ratio Lower Upper

184 100

63 68.8 53.5 80.3

154 65.1 51.3 76.9





#55

Dibenzofuran

Concen: 67.047 ng

RT: 10.127 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

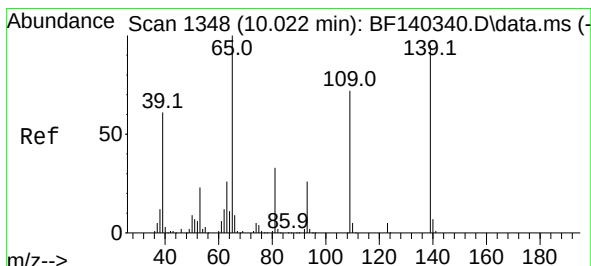
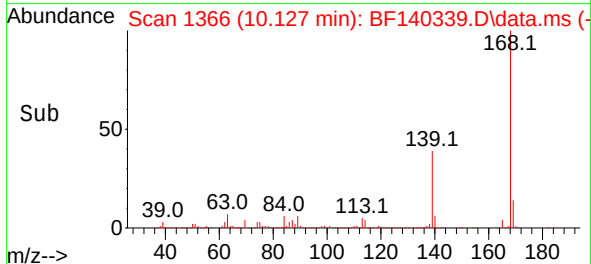
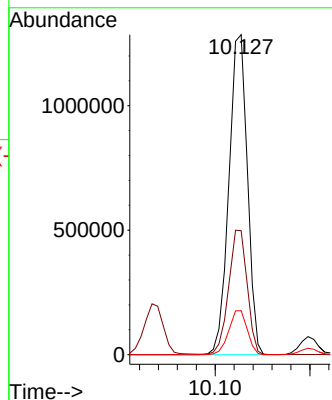
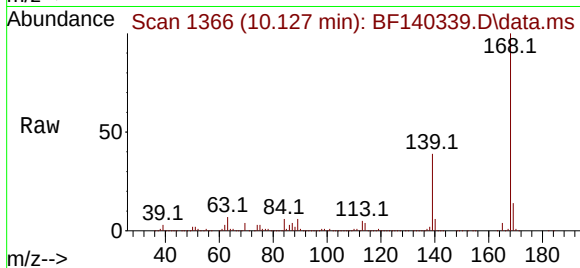
Tgt Ion:168 Resp: 1743431

Ion Ratio Lower Upper

168 100

139 38.7 30.8 46.2

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 79.032 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

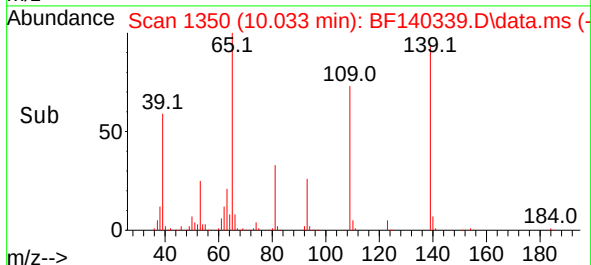
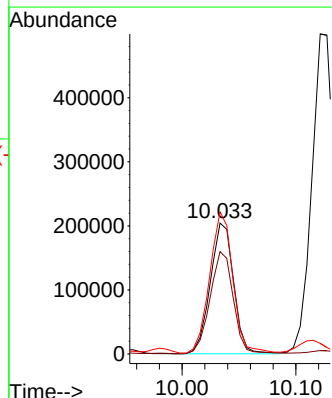
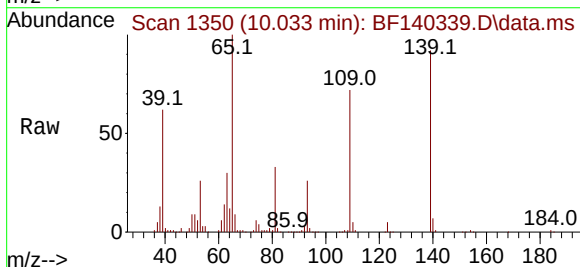
Tgt Ion:139 Resp: 291787

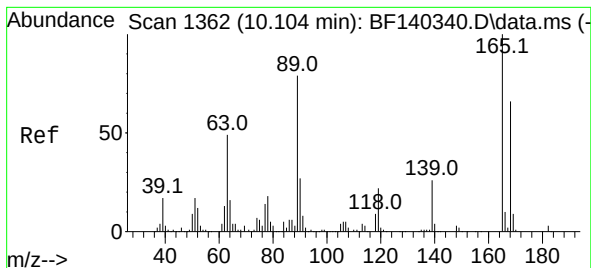
Ion Ratio Lower Upper

139 100

109 78.3 54.5 94.5

65 108.6 84.4 124.4

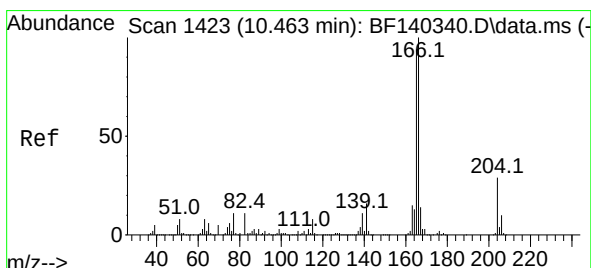
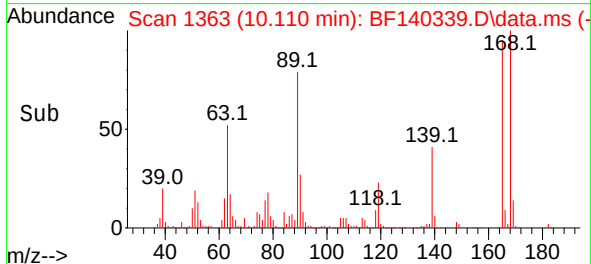
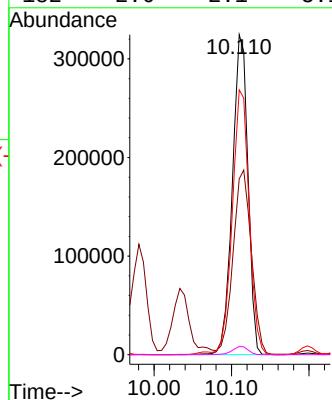
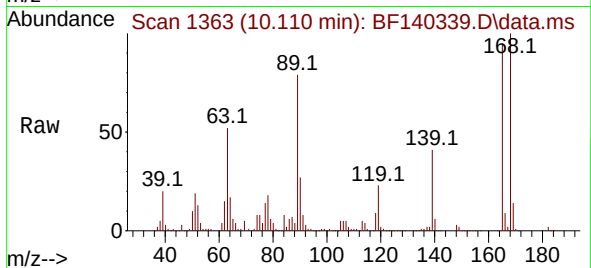




#57
2,4-Dinitrotoluene
Concen: 71.693 ng
RT: 10.110 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

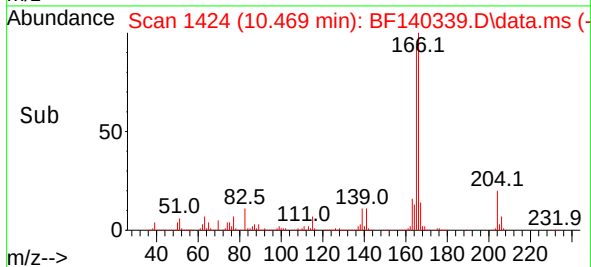
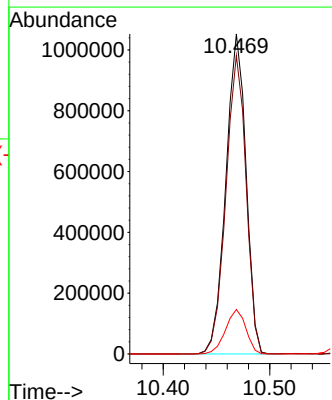
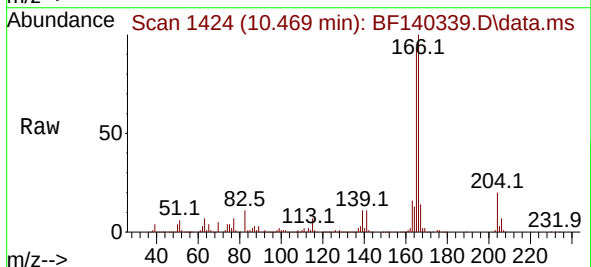
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

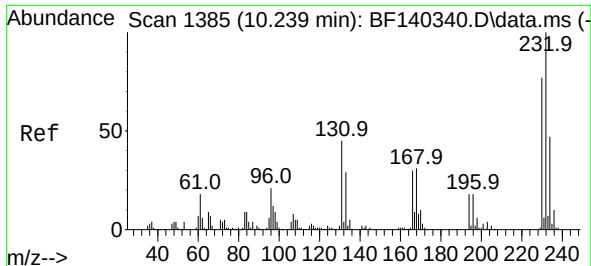
Tgt Ion:165 Resp: 454770
Ion Ratio Lower Upper
165 100
63 55.0 39.4 59.0
89 82.8 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 67.316 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:166 Resp: 1382804
Ion Ratio Lower Upper
166 100
165 93.3 73.9 110.9
167 13.9 10.9 16.3

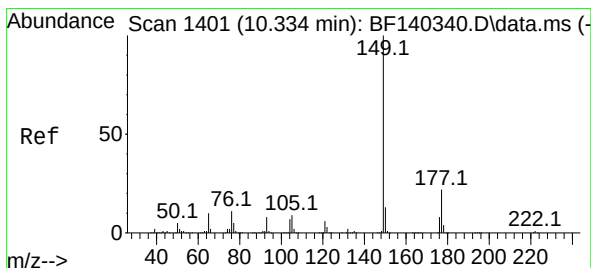
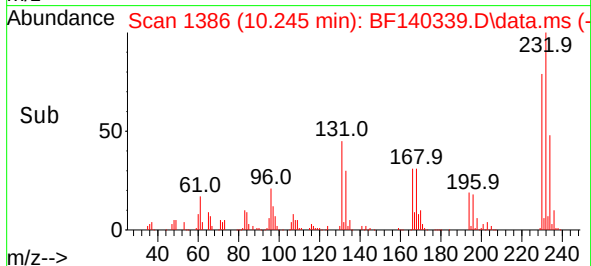
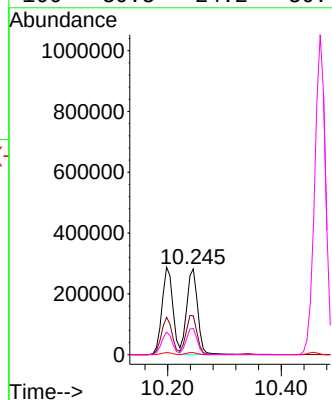
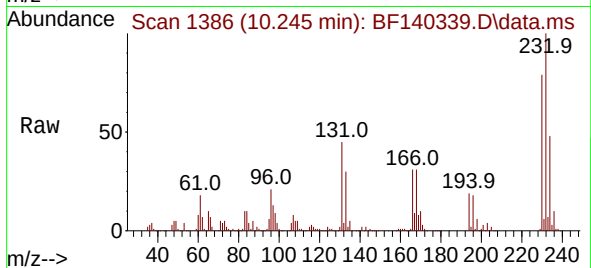




#59
2,3,4,6-Tetrachlorophenol
Concen: 73.723 ng
RT: 10.245 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

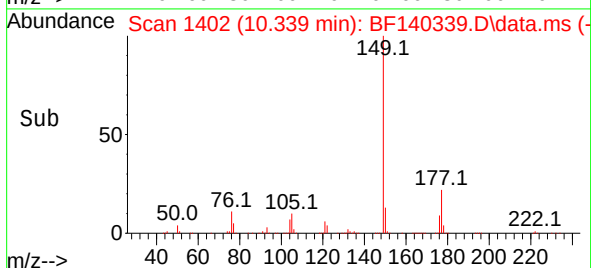
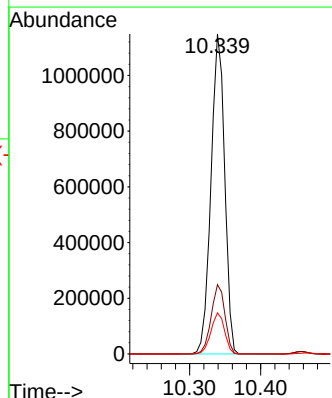
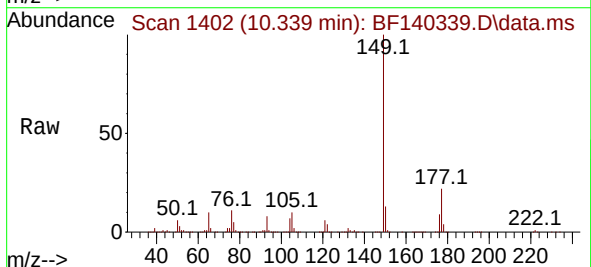
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

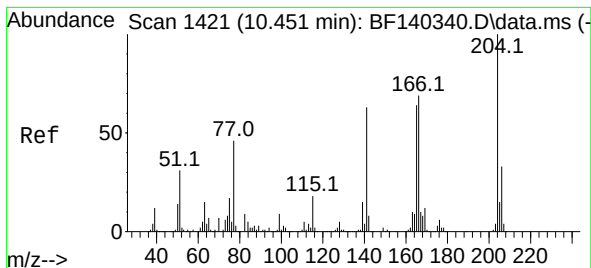
Tgt Ion:232 Resp: 374293
Ion Ratio Lower Upper
232 100
131 46.4 36.8 55.2
130 2.4 1.9 2.9
166 30.3 24.2 36.4



#60
Diethylphthalate
Concen: 71.126 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:149 Resp: 1537607
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.9 10.1 15.1

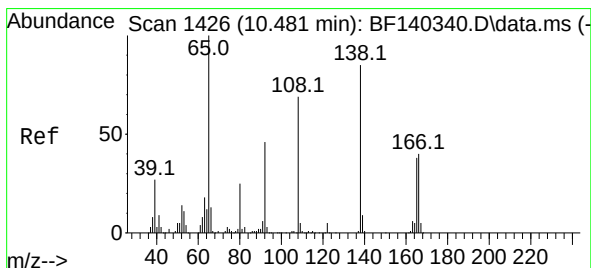
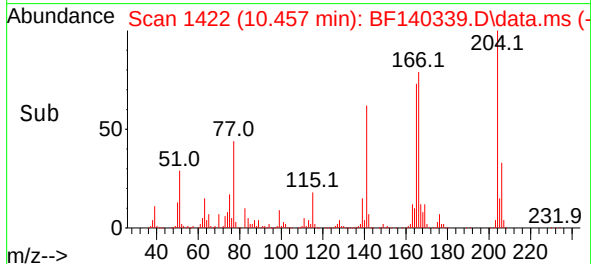
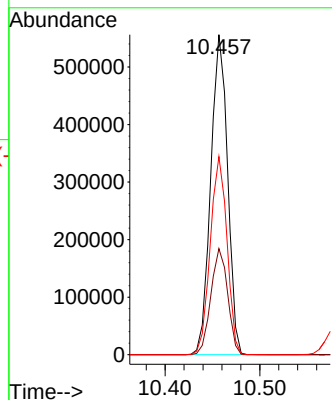
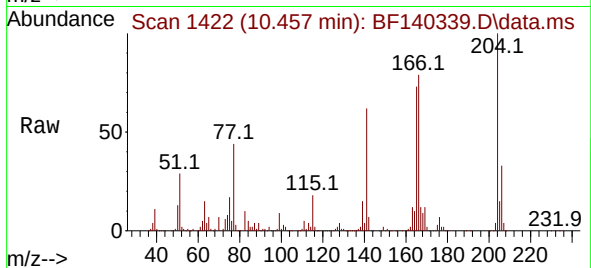




#61
4-Chlorophenyl-phenylether
Concen: 67.555 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

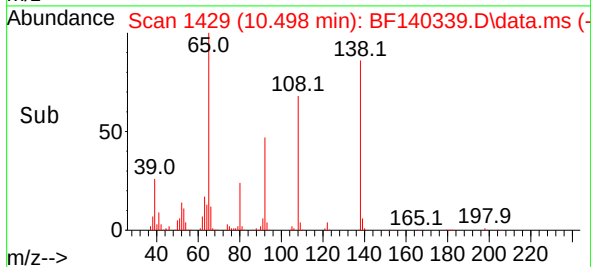
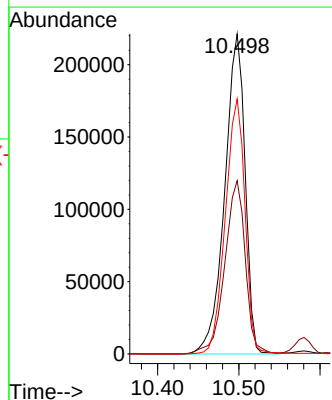
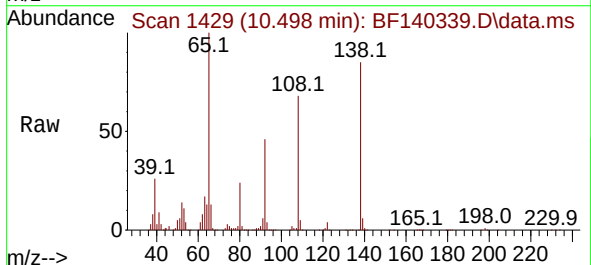
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

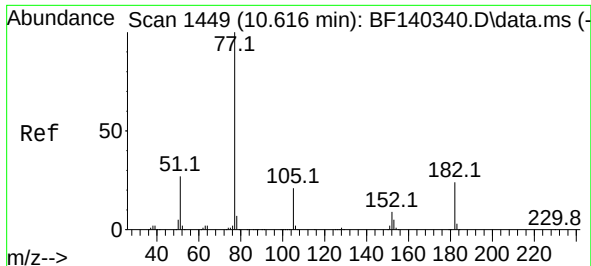
Tgt Ion:204 Resp: 685111
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 61.9 49.8 74.8



#62
4-Nitroaniline
Concen: 74.437 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:138 Resp: 385246
Ion Ratio Lower Upper
138 100
92 54.1 33.8 73.8
108 79.6 59.9 99.9



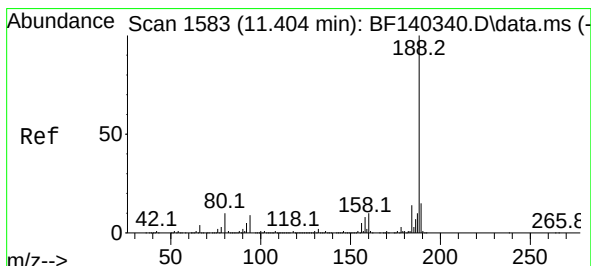
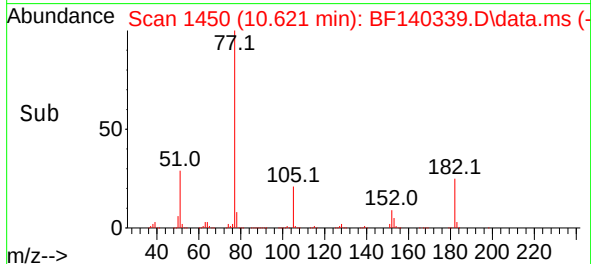
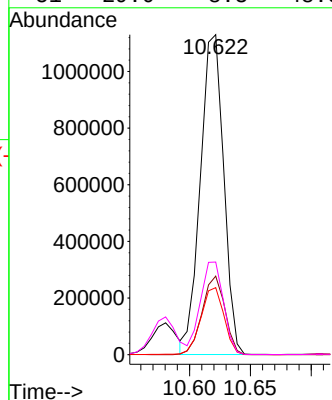
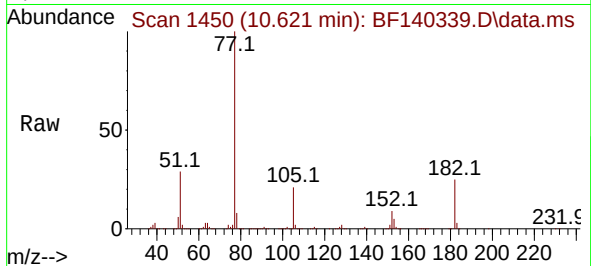


#63
Azobenzene
Concen: 70.637 ng
RT: 10.621 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1508804

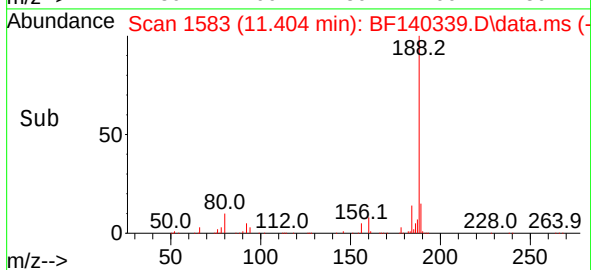
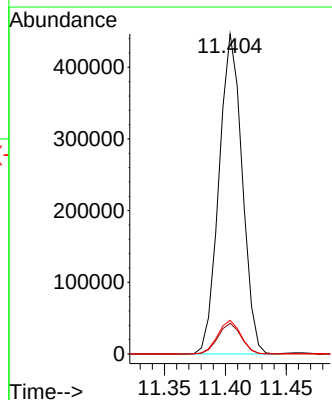
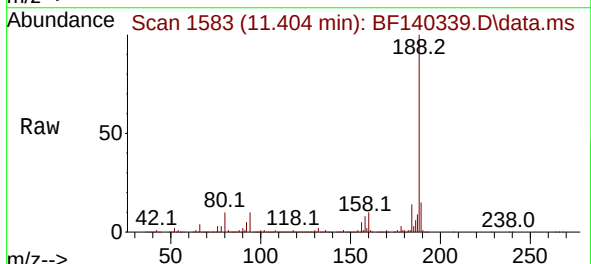
Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.6	44.6
105	21.0	0.9	40.9
51	29.0	8.3	48.3

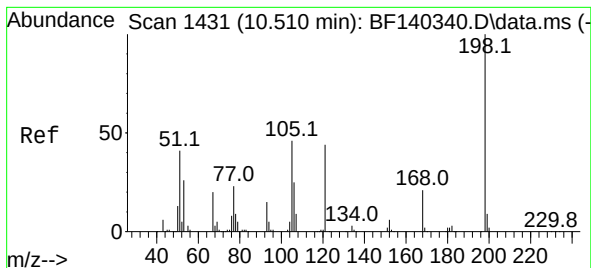


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 188 Resp: 591968

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.5	8.0	12.0

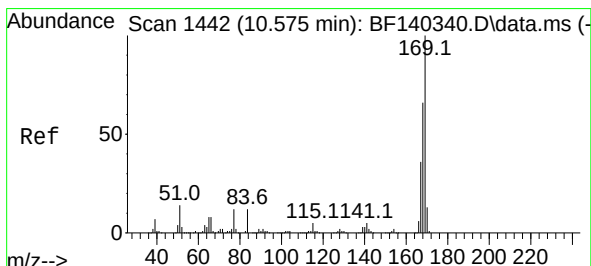
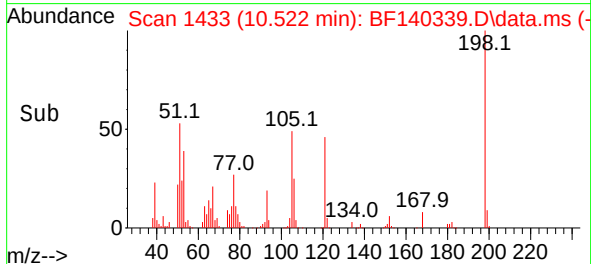
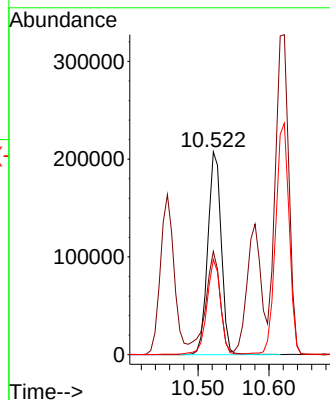
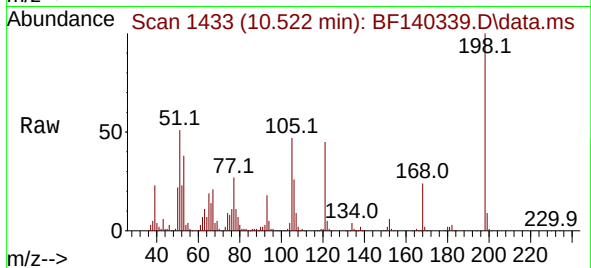




#65
4,6-Dinitro-2-methylphenol
Concen: 86.136 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

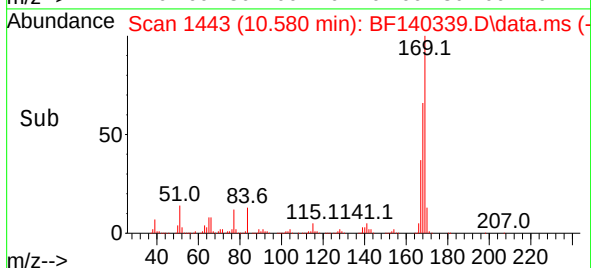
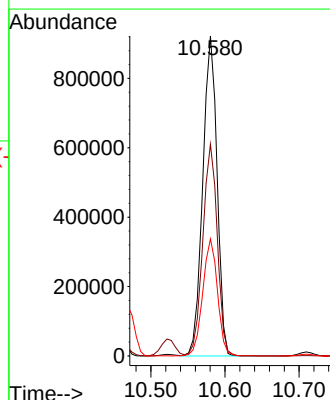
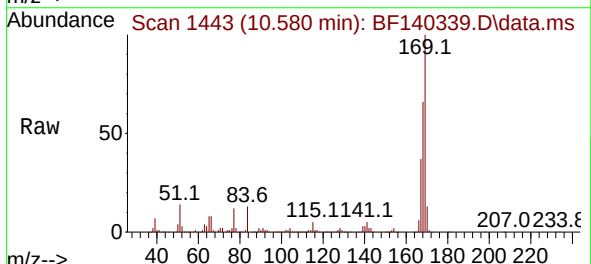
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

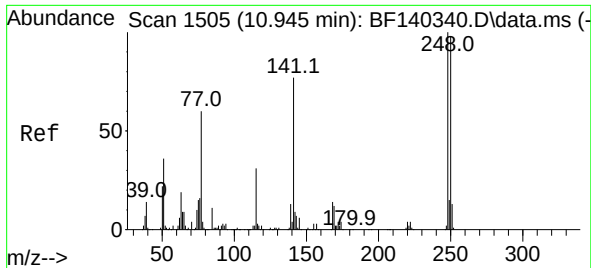
Tgt Ion:198 Resp: 274337
Ion Ratio Lower Upper
198 100
51 50.9 29.7 69.7
105 46.9 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 72.330 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:169 Resp: 1237130
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.6 29.3 43.9

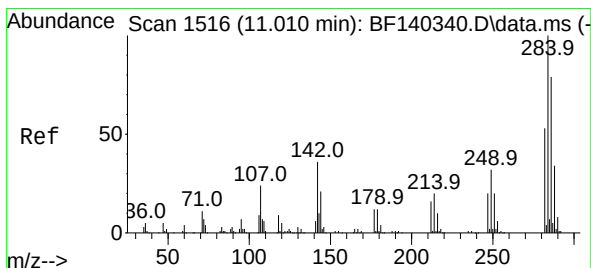
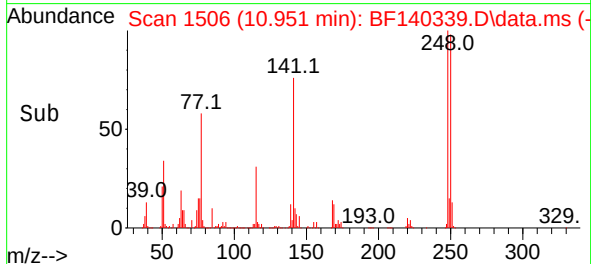
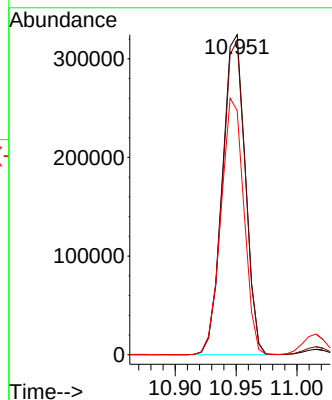
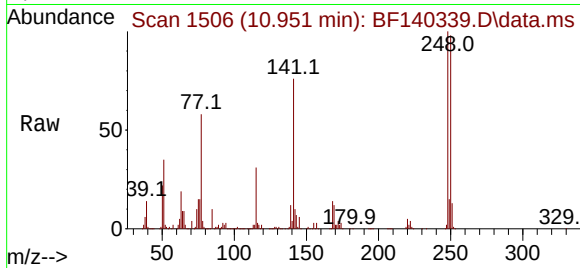




#67
4-Bromophenyl-phenylether
Concen: 72.010 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

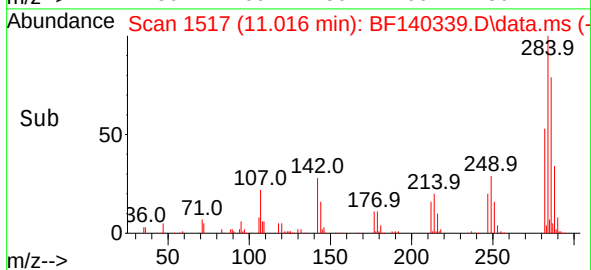
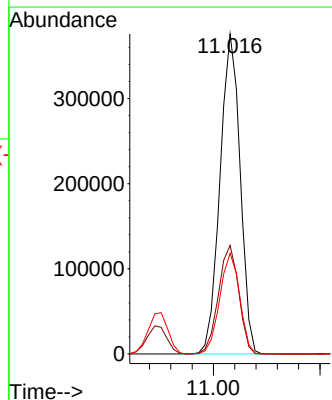
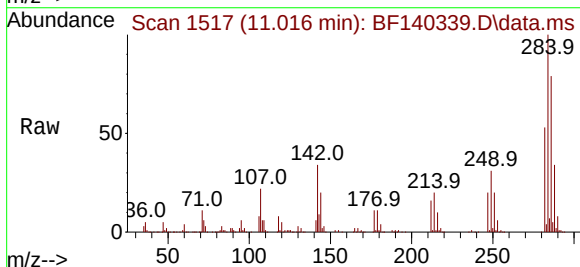
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

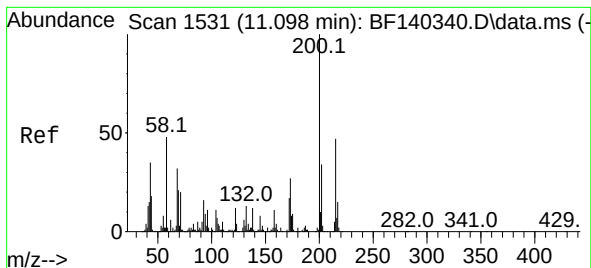
Tgt Ion:248 Resp: 426112
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 76.4 61.8 92.6



#68
Hexachlorobenzene
Concen: 73.871 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:284 Resp: 491825
Ion Ratio Lower Upper
284 100
142 33.9 28.1 42.1
249 31.4 24.9 37.3





#69

Atrazine

Concen: 95.702 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

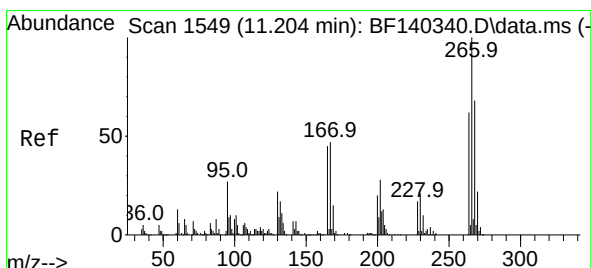
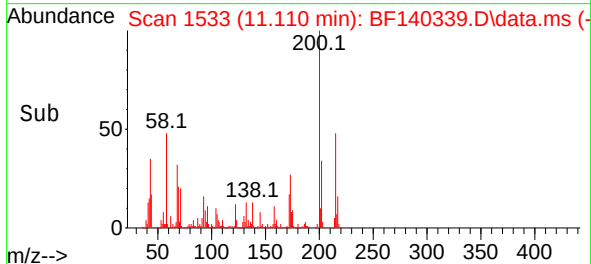
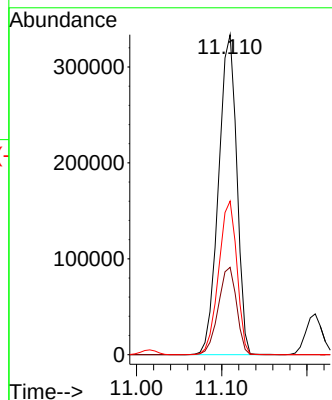
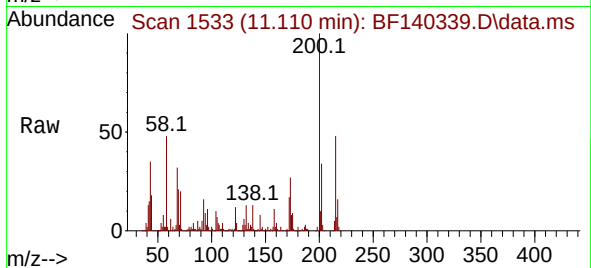
Tgt Ion:200 Resp: 495230

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 48.0 27.2 67.2



#70

Pentachlorophenol

Concen: 85.908 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

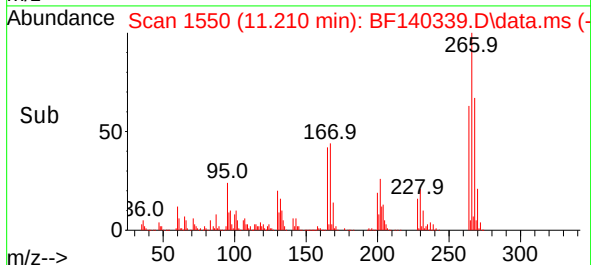
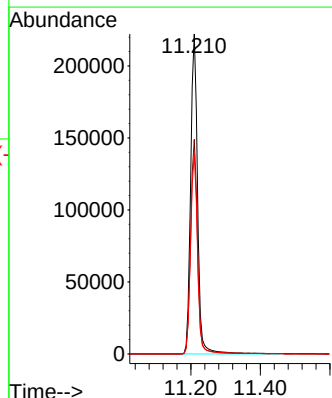
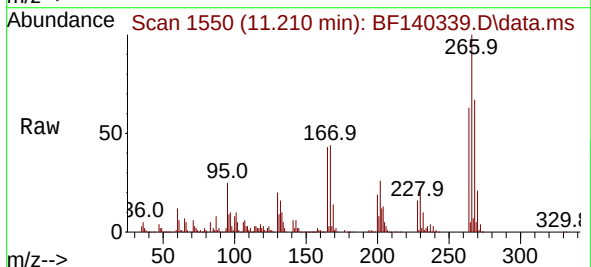
Tgt Ion:266 Resp: 308099

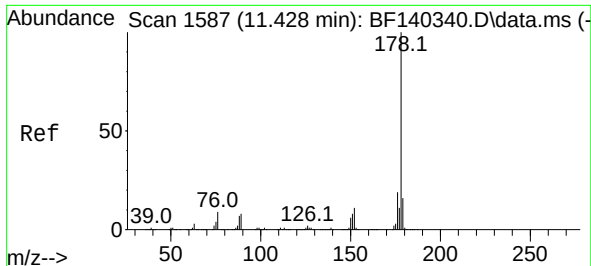
Ion Ratio Lower Upper

266 100

268 67.1 52.9 79.3

264 62.7 50.3 75.5



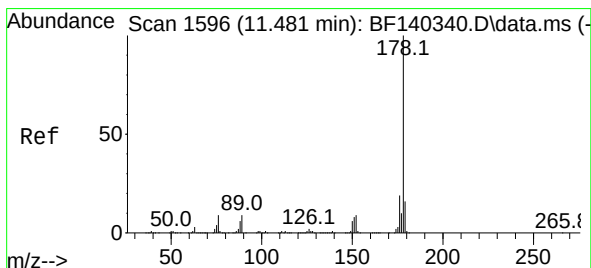
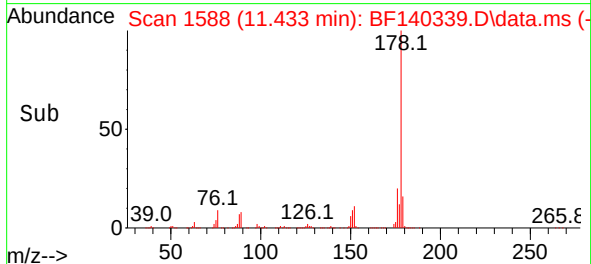
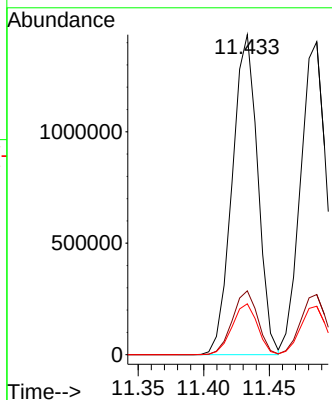
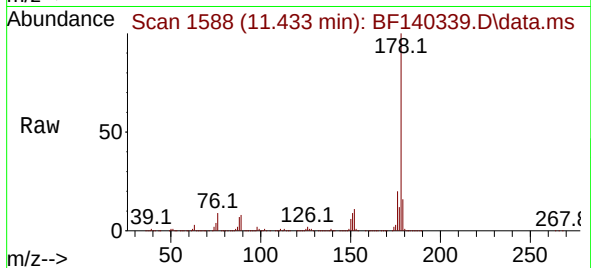


#71
 Phenanthrene
 Concen: 69.825 ng
 RT: 11.433 min Scan# 1588
 Delta R.T. 0.006 min
 Lab File: BF140339.D
 Acq: 13 Nov 2024 12:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:178 Resp: 1941678

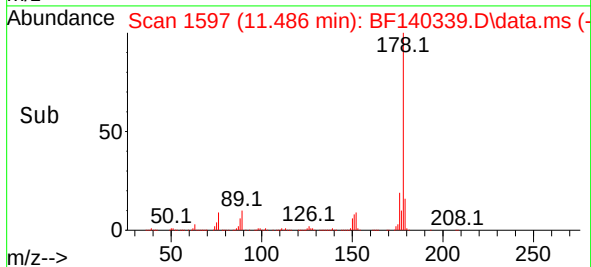
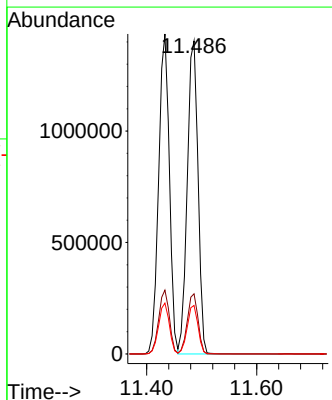
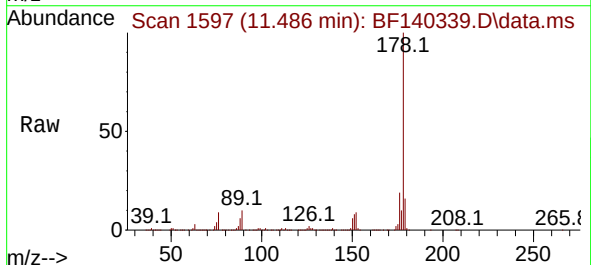
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	15.9	12.4	18.6

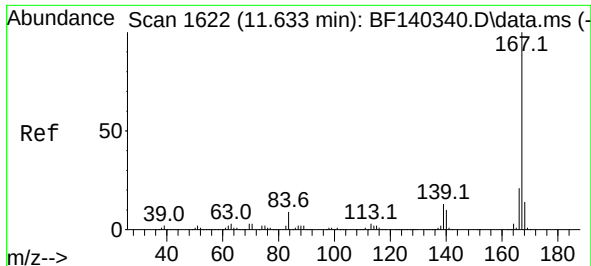


#72
 Anthracene
 Concen: 69.770 ng
 RT: 11.486 min Scan# 1597
 Delta R.T. 0.006 min
 Lab File: BF140339.D
 Acq: 13 Nov 2024 12:13

Tgt Ion:178 Resp: 1901483

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.6	18.8

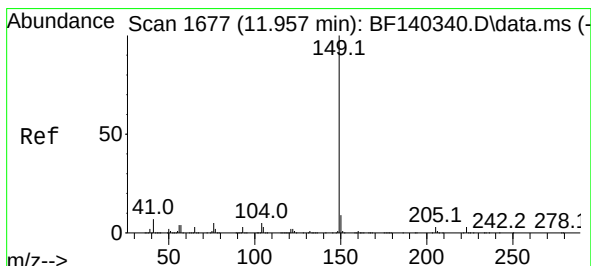
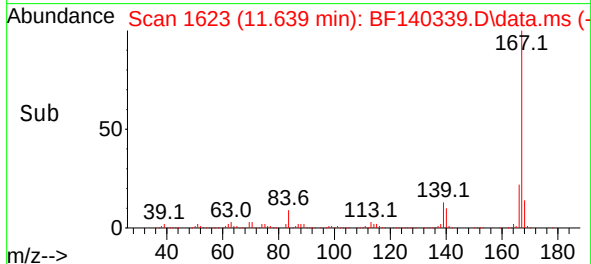
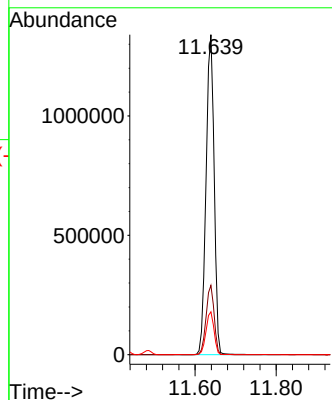
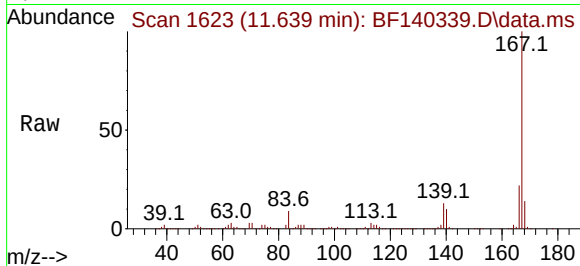




#73
Carbazole
Concen: 68.878 ng
RT: 11.639 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

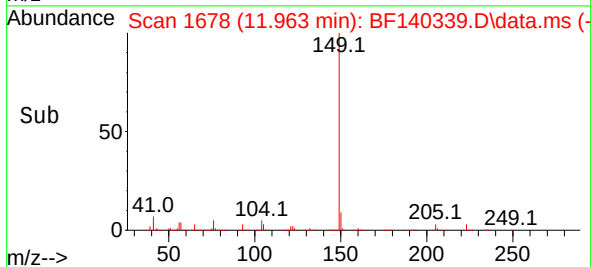
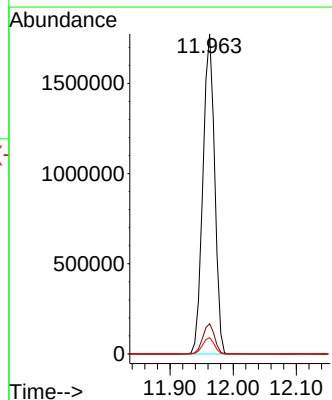
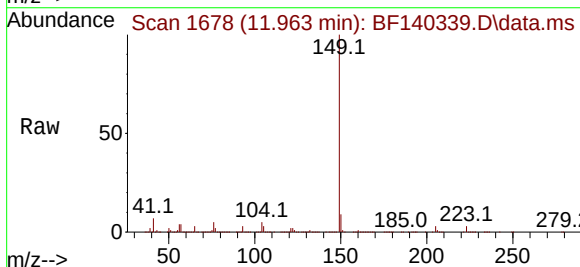
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

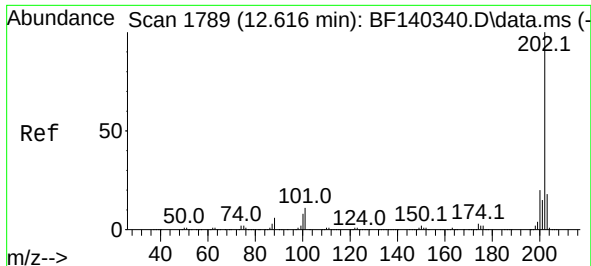
Tgt Ion:167 Resp: 1853513
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.4 10.4 15.6



#74
Di-n-butylphthalate
Concen: 70.708 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:149 Resp: 2283744
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.1 4.0 6.0

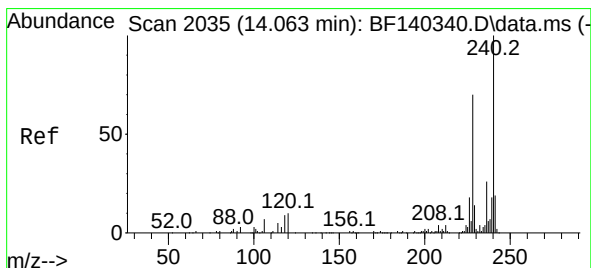
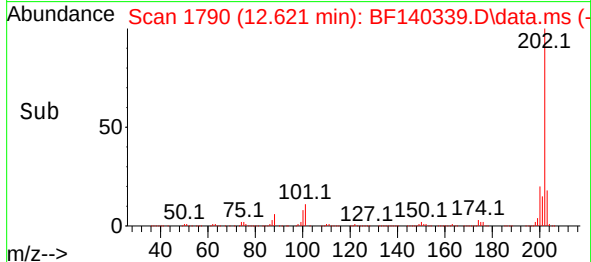
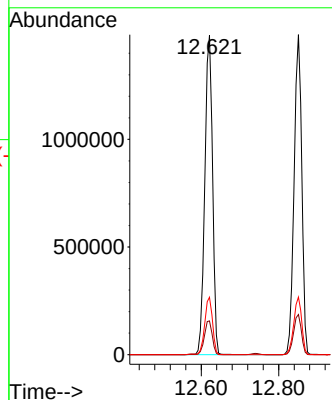
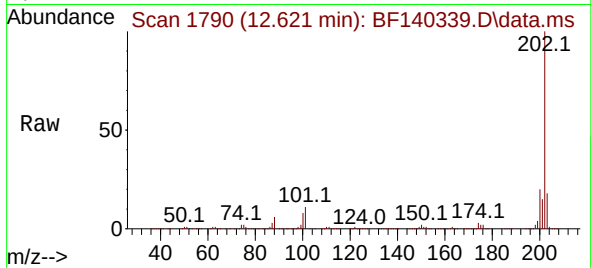




#75
Fluoranthene
Concen: 65.832 ng
RT: 12.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

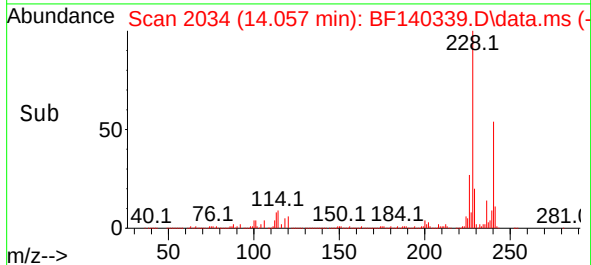
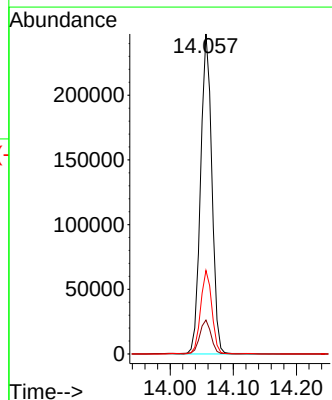
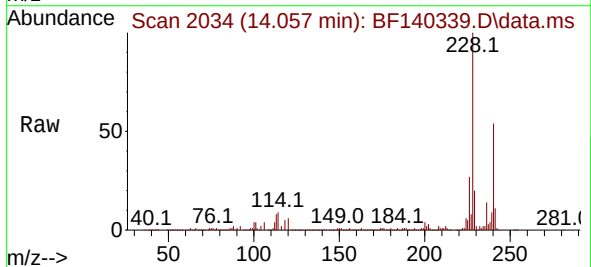
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

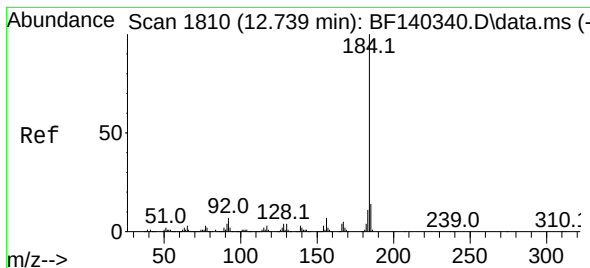
Tgt Ion:202 Resp: 2053832
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:240 Resp: 305715
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 97.835 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

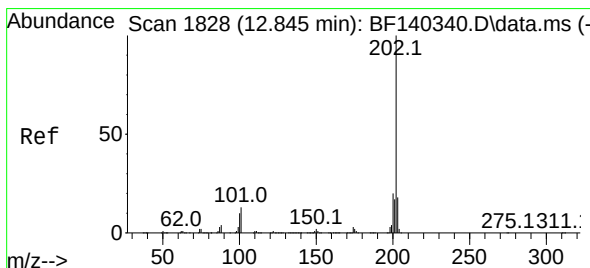
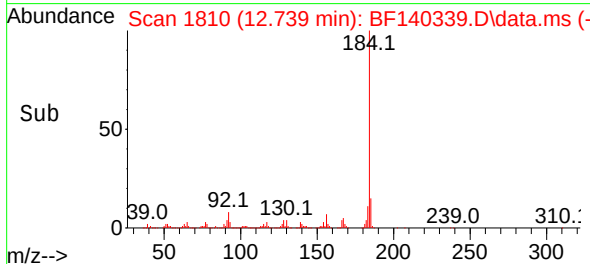
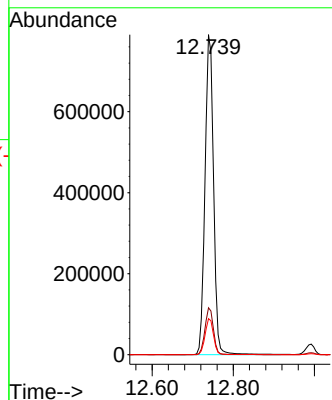
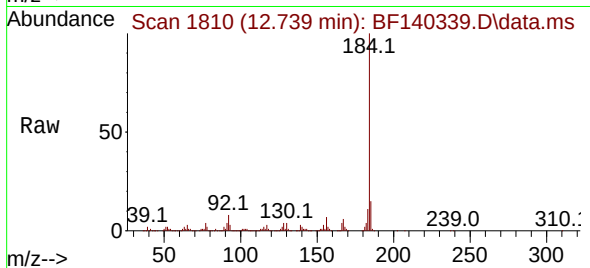
Tgt Ion:184 Resp: 1147944

Ion Ratio Lower Upper

184 100

185 14.6 11.9 17.9

183 11.2 8.6 13.0



#78

Pyrene

Concen: 78.173 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

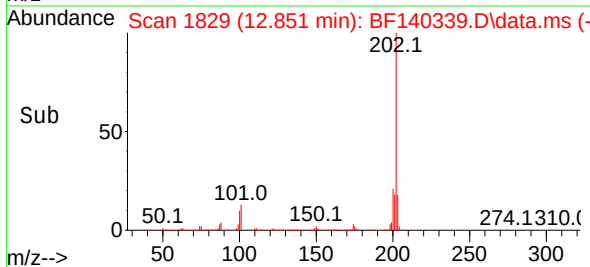
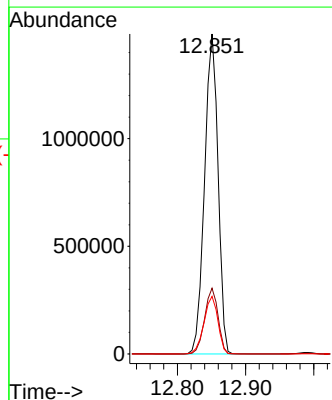
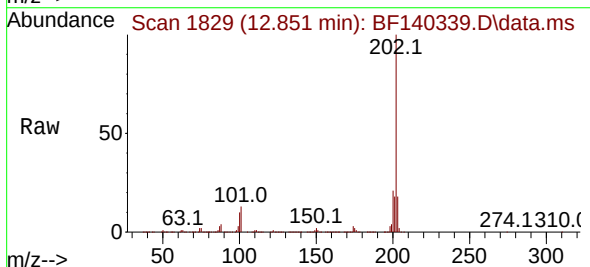
Tgt Ion:202 Resp: 2044224

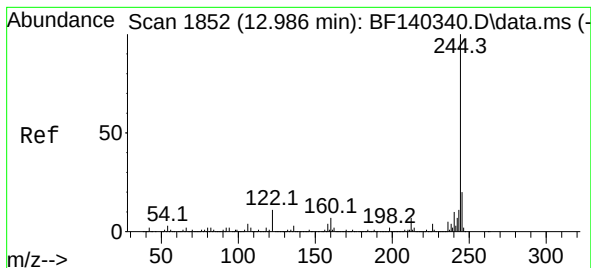
Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 151.833 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

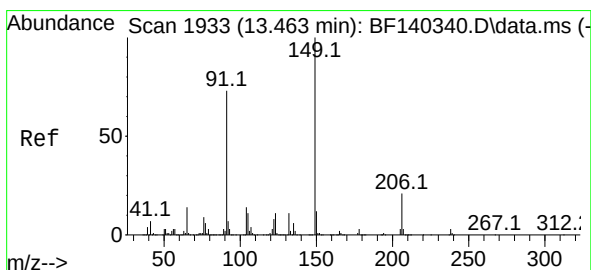
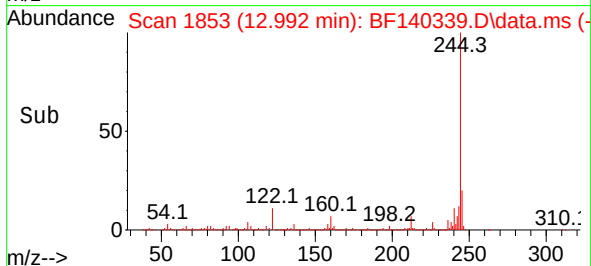
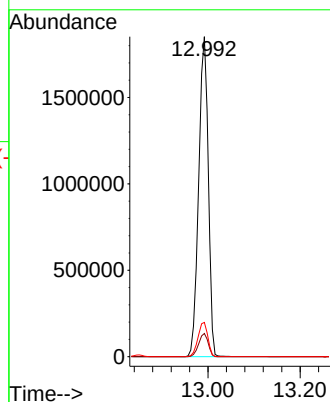
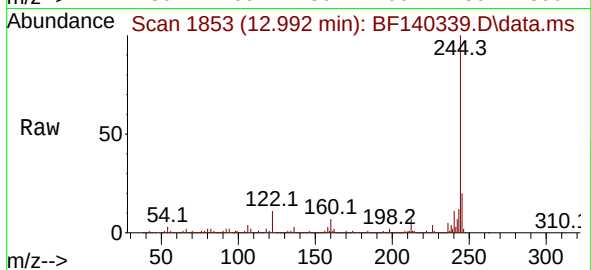
Tgt Ion:244 Resp: 2674139

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 76.487 ng

RT: 13.462 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

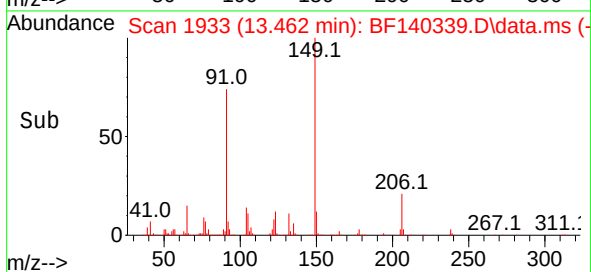
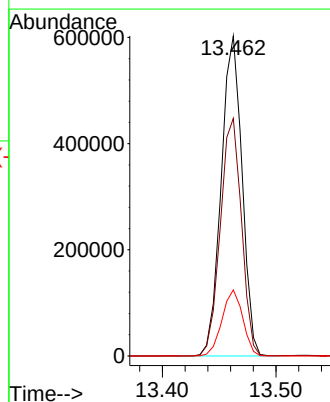
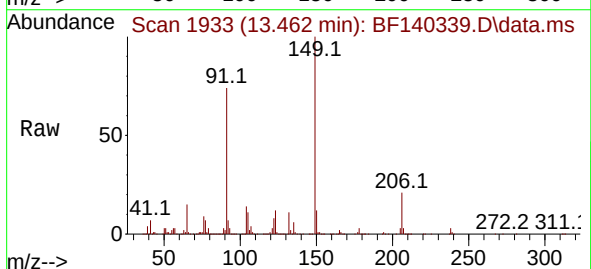
Tgt Ion:149 Resp: 768354

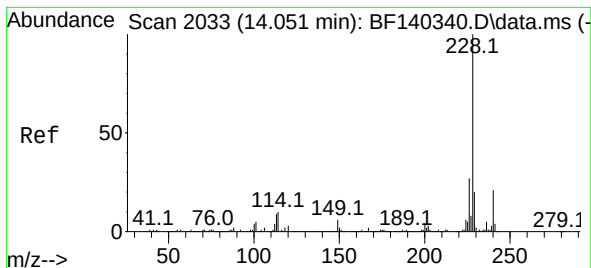
Ion Ratio Lower Upper

149 100

91 74.3 61.0 91.4

206 20.7 16.1 24.1

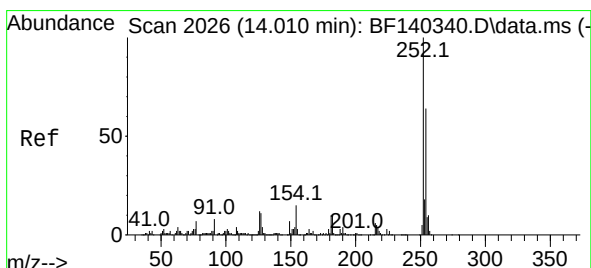
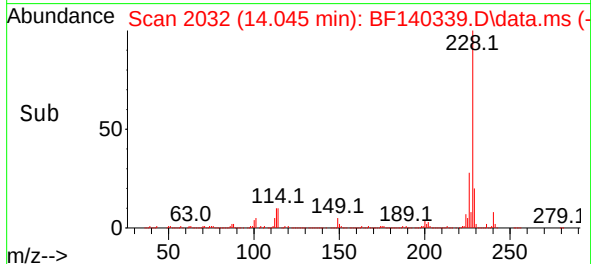
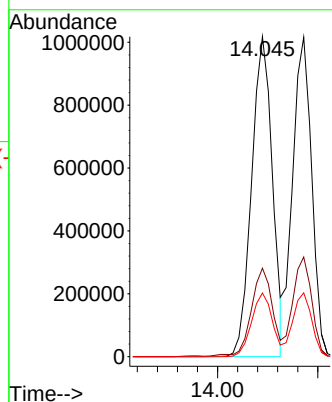
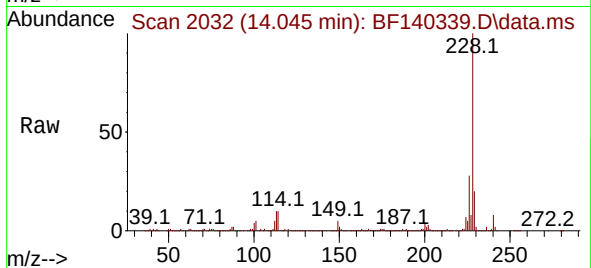




#81
Benzo(a)anthracene
Concen: 72.724 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

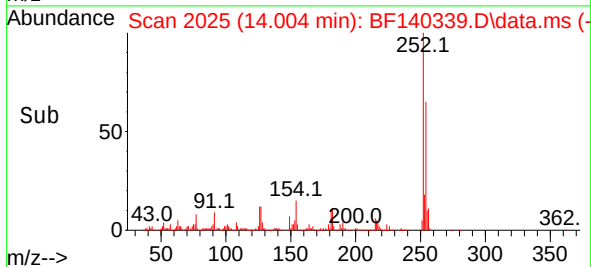
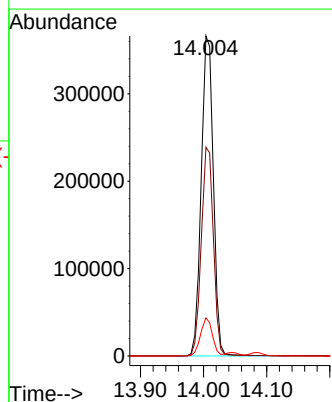
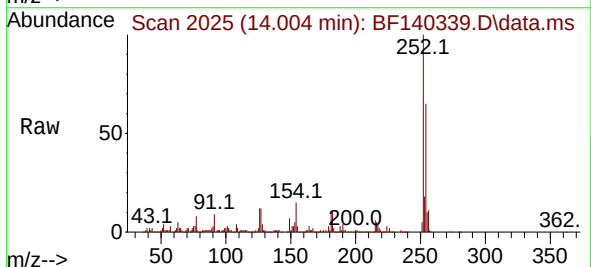
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

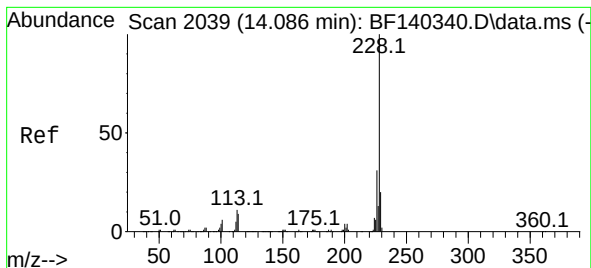
Tgt Ion:228 Resp: 1461193
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 76.486 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:252 Resp: 488462
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.2
126 11.9 9.4 14.0





#83

Chrysene

Concen: 73.275 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

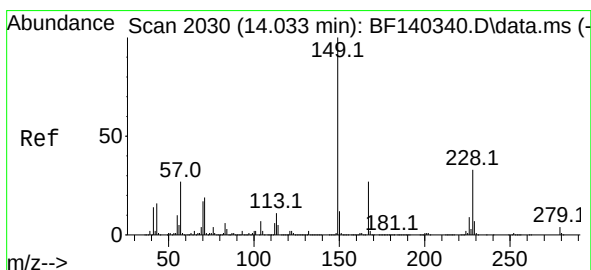
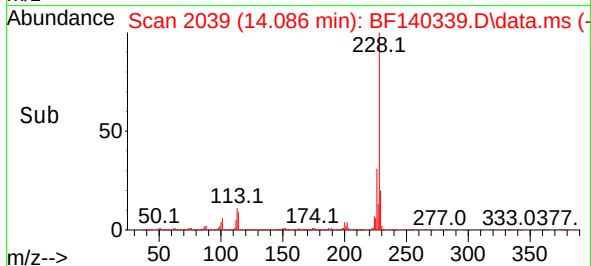
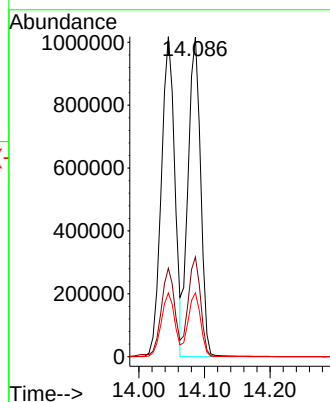
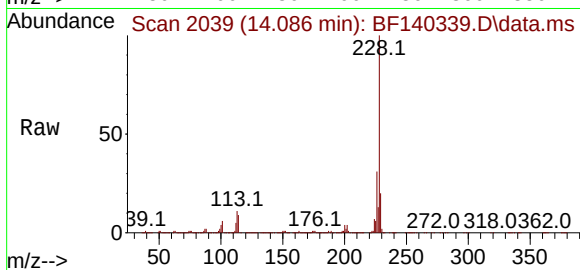
Tgt Ion:228 Resp: 1343316

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.186 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

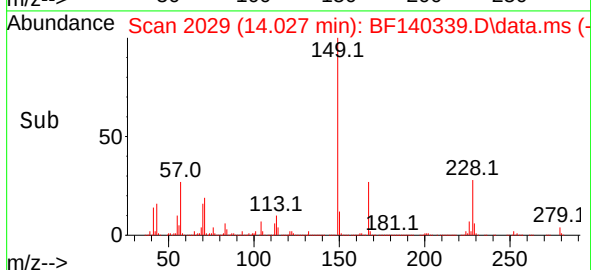
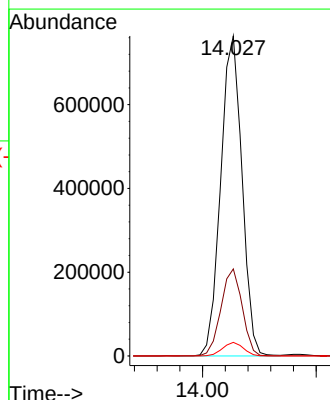
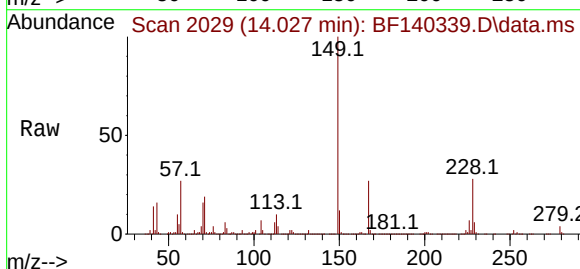
Tgt Ion:149 Resp: 994724

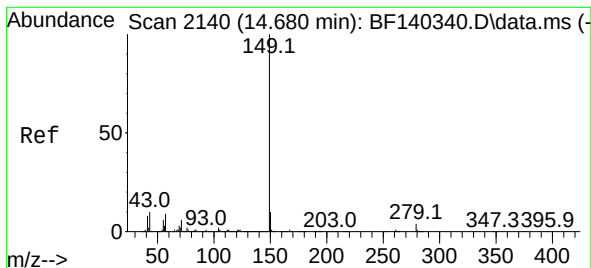
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 78.474 ng

RT: 14.668 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

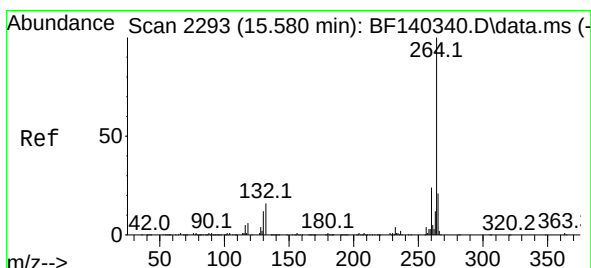
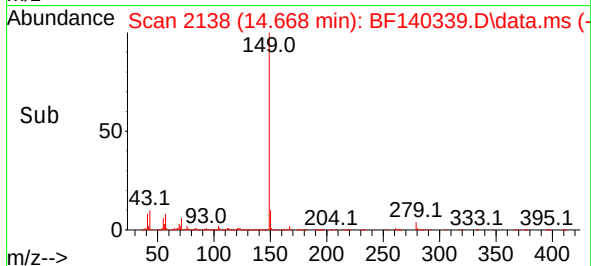
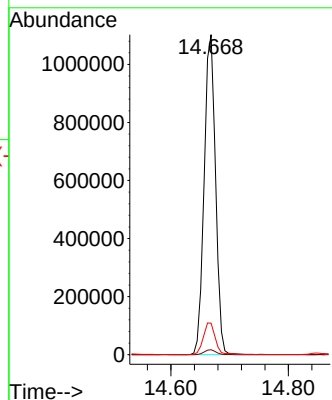
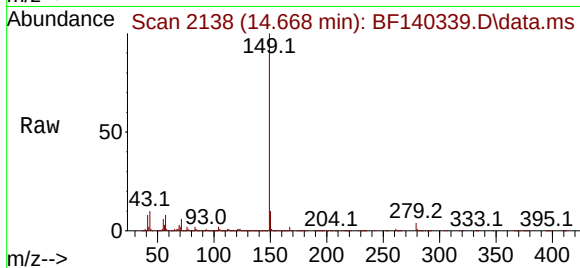
Tgt Ion:149 Resp: 1481946

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

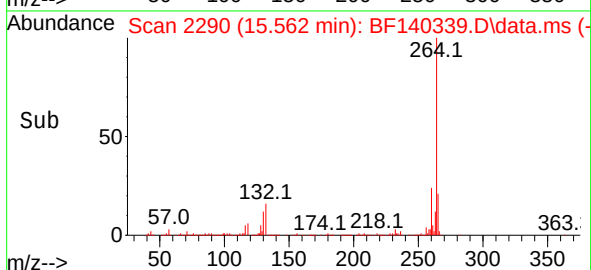
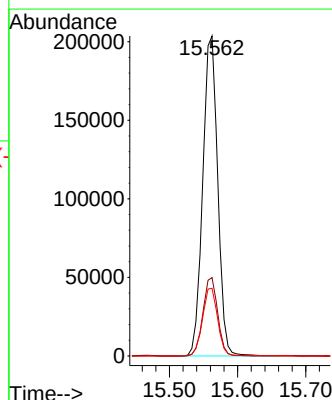
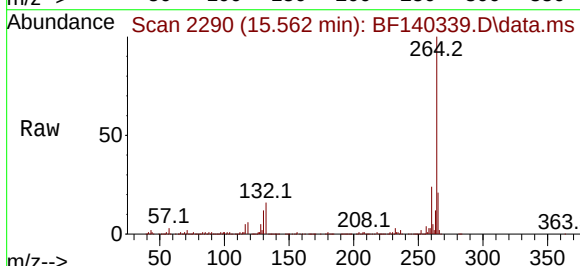
Tgt Ion:264 Resp: 310894

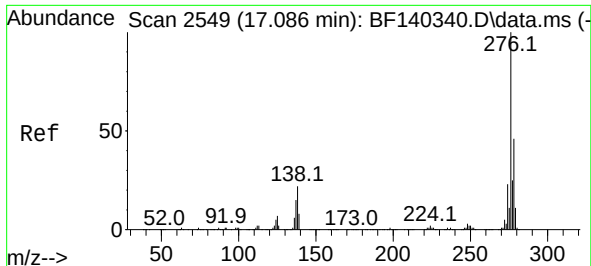
Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 85.308 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

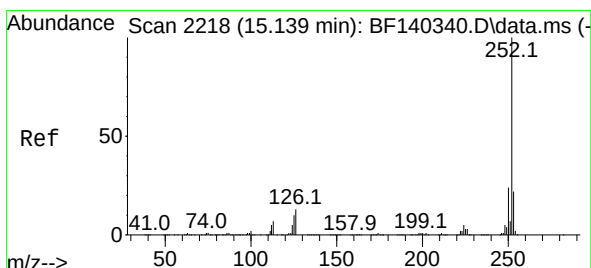
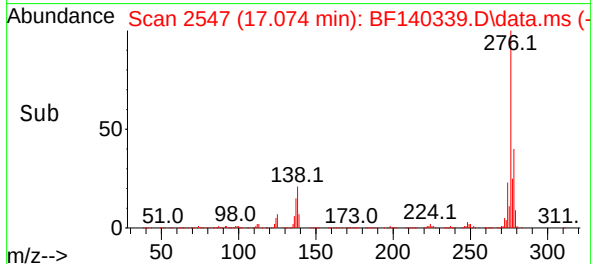
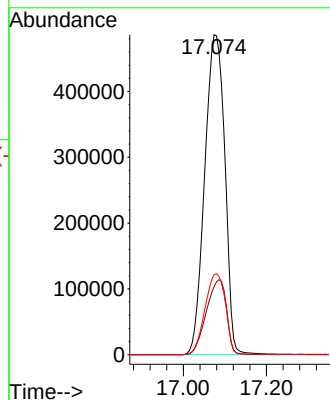
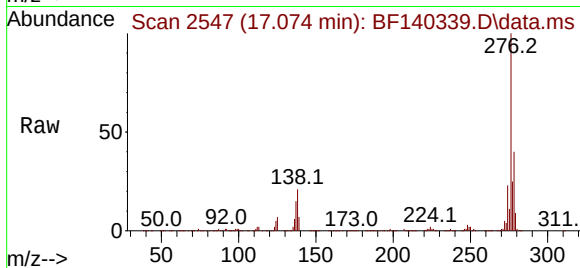
Tgt Ion:276 Resp: 1638318

Ion Ratio Lower Upper

276 100

138 23.4 18.8 28.2

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 73.300 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

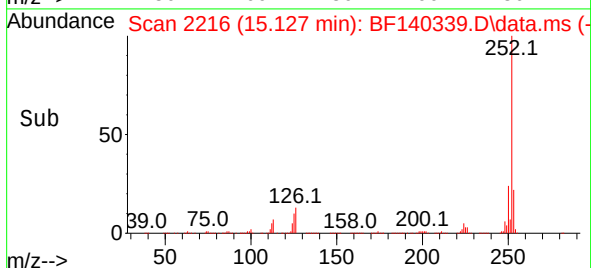
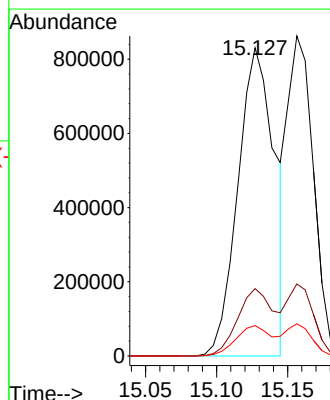
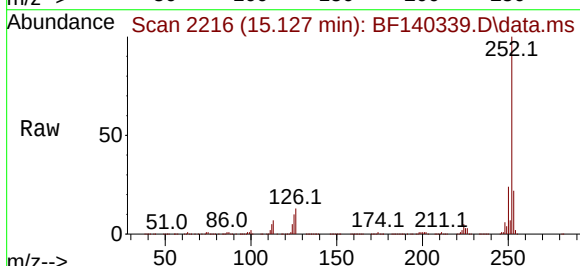
Tgt Ion:252 Resp: 1490709

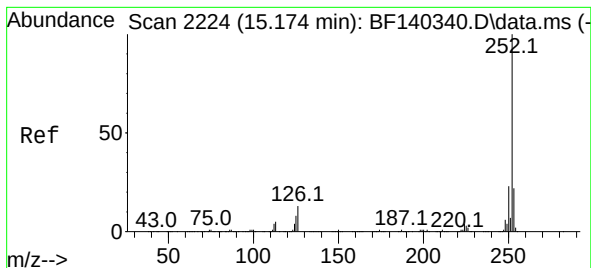
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 66.445 ng

RT: 15.156 min Scan# 2221

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

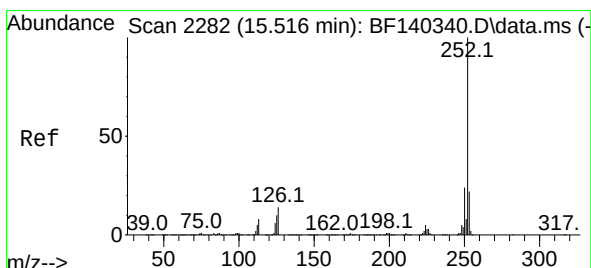
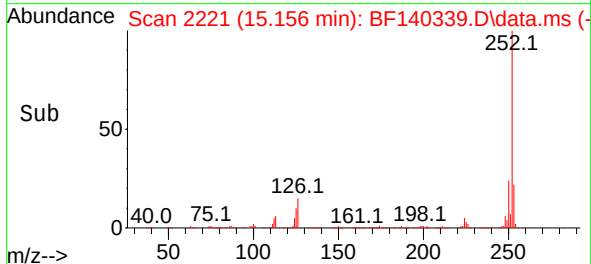
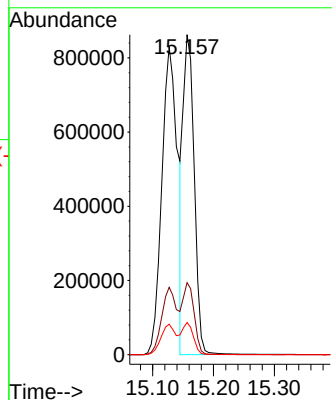
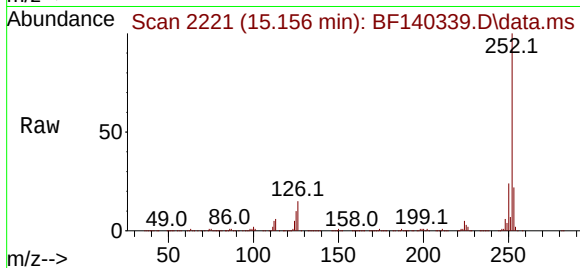
Tgt Ion:252 Resp: 1103915

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 10.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 74.662 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

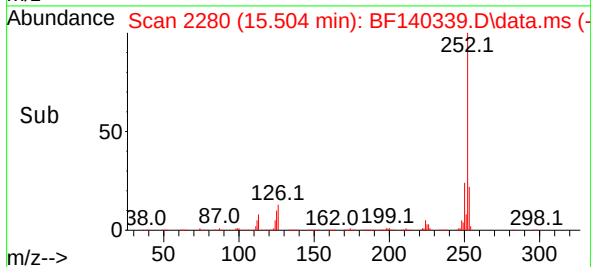
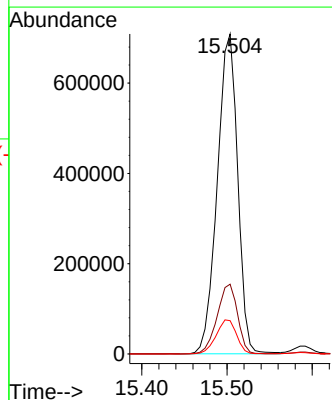
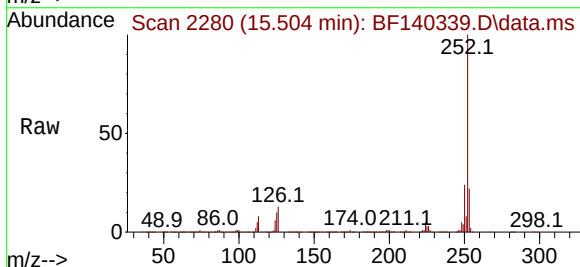
Tgt Ion:252 Resp: 1179142

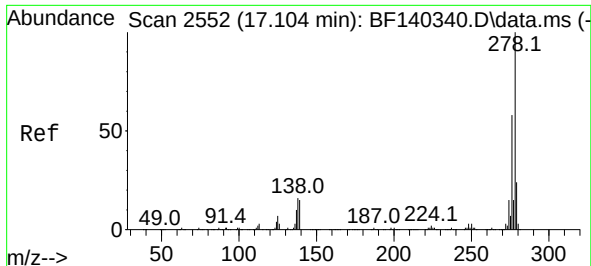
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.4 8.4 12.6

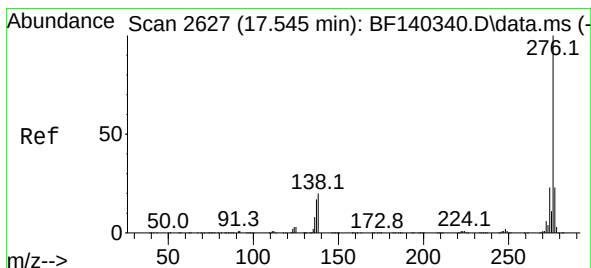
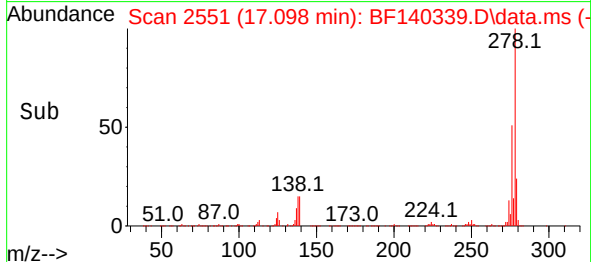
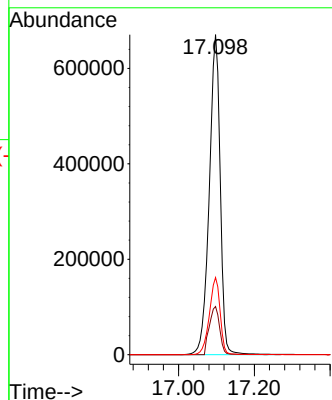
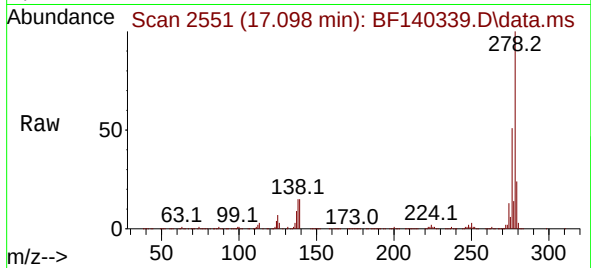




#91
Dibenzo(a,h)anthracene
Concen: 84.367 ng
RT: 17.098 min Scan# 2551
Delta R.T. 0.023 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

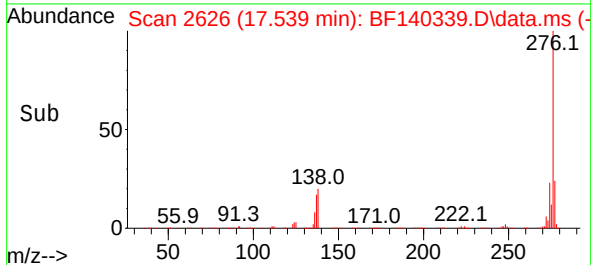
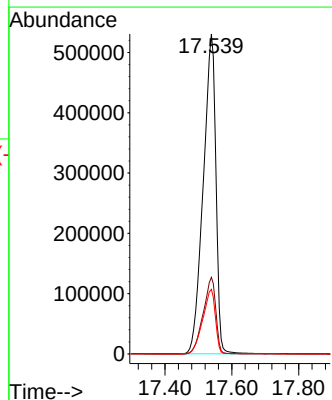
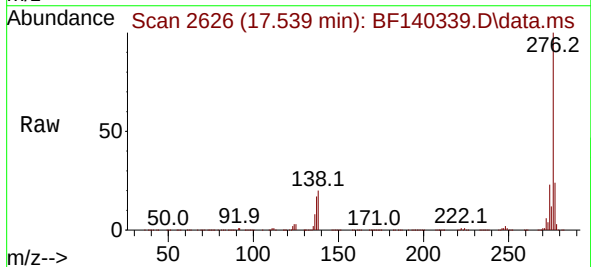
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1339293
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.8
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 85.805 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.023 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:276 Resp: 1392525
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 20.2 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140488.D
 Acq On : 20 Nov 2024 09:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 20 10:35:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	132364	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	490485	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	273054	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	510213	20.000	ng	0.00
76) Chrysene-d12	14.051	240	268548	20.000	ng	0.00
86) Perylene-d12	15.539	264	246006	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	626328	80.791	ng	0.01
7) Phenol-d6	6.516	99	835879	79.582	ng	0.01
23) Nitrobenzene-d5	7.439	82	768178	81.601	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	229869	84.657	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1400225	82.435	ng	0.00
79) Terphenyl-d14	12.986	244	1421238	91.863	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	138405	40.057	ng	98
3) Pyridine	3.404	79	335412	39.486	ng	100
4) n-Nitrosodimethylamine	3.357	42	165619	38.578	ng	99
6) Aniline	6.540	93	342599	37.496	ng	# 61
8) 2-Chlorophenol	6.663	128	335737	40.316	ng	99
9) Benzaldehyde	6.428	77	379602	60.302	ng	98
10) Phenol	6.528	94	438741	39.610	ng	86
11) bis(2-Chloroethyl)ether	6.610	93	338041	40.278	ng	99
12) 1,3-Dichlorobenzene	6.816	146	373631	40.664	ng	99
13) 1,4-Dichlorobenzene	6.892	146	378996	40.679	ng	99
14) 1,2-Dichlorobenzene	7.045	146	351114	40.596	ng	99
15) Benzyl Alcohol	7.016	79	302807	40.015	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	432663	37.322	ng	66
17) 2-Methylphenol	7.134	107	273264	39.889	ng	96
18) Hexachloroethane	7.386	117	141716	41.146	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	242440	38.218	ng	99
20) 3+4-Methylphenols	7.287	107	341542	39.866	ng	# 90
22) Acetophenone	7.281	105	459893	40.314	ng	99
24) Nitrobenzene	7.457	77	400779	40.890	ng	99
25) Isophorone	7.692	82	667210	39.991	ng	100
26) 2-Nitrophenol	7.775	139	185216	42.584	ng	99
27) 2,4-Dimethylphenol	7.810	122	215924	38.777	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	414691	40.536	ng	100
29) 2,4-Dichlorophenol	8.022	162	288595	41.936	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	318306	41.545	ng	100
31) Naphthalene	8.181	128	1020666	41.021	ng	100
32) Benzoic acid	7.939	122	209323	42.721	ng	99
33) 4-Chloroaniline	8.228	127	335737	38.800	ng	99
34) Hexachlorobutadiene	8.292	225	204877	41.969	ng	99
35) Caprolactam	8.598	113	93813	41.015	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	316051	41.442	ng	98
37) 2-Methylnaphthalene	8.869	142	650164	40.752	ng	99
38) 1-Methylnaphthalene	8.969	142	636817	40.761	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	317385	42.033	ng	99
41) Hexachlorocyclopentadiene	9.016	237	69250	35.720	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	206019	41.575	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140488.D
 Acq On : 20 Nov 2024 09:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

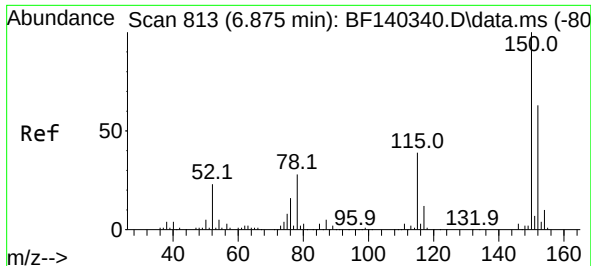
Quant Time: Nov 20 10:35:19 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	228093	42.101	ng	97
46) 1,1'-Biphenyl	9.333	154	819790	41.269	ng	99
47) 2-Chloronaphthalene	9.357	162	624878	41.295	ng	99
48) 2-Nitroaniline	9.457	65	204862	40.822	ng	99
49) Acenaphthylene	9.775	152	939848	41.051	ng	99
50) Dimethylphthalate	9.633	163	733122	41.191	ng	100
51) 2,6-Dinitrotoluene	9.698	165	171295	42.217	ng	99
52) Acenaphthene	9.945	154	603317	39.015	ng	100
53) 3-Nitroaniline	9.869	138	173780	40.783	ng	99
54) 2,4-Dinitrophenol	9.980	184	84341	40.309	ng	97
55) Dibenzofuran	10.122	168	894341	40.855	ng	100
56) 4-Nitrophenol	10.039	139	118069	37.987	ng	98
57) 2,4-Dinitrotoluene	10.104	165	224038	41.954	ng	100
58) Fluorene	10.463	166	715498	41.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	175256	40.969	ng	98
60) Diethylphthalate	10.328	149	741052	40.719	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	354853	41.564	ng	99
62) 4-Nitroaniline	10.486	138	173157	39.743	ng	99
63) Azobenzene	10.610	77	722195	40.162	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	123832	45.111	ng	96
66) n-Nitrosodiphenylamine	10.575	169	611778	41.500	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	211410	41.452	ng	98
68) Hexachlorobenzene	11.010	284	241874	42.150	ng	100
69) Atrazine	11.098	200	163963	36.762	ng	100
70) Pentachlorophenol	11.210	266	124117	40.153	ng	99
71) Phenanthrene	11.427	178	977064	40.766	ng	100
72) Anthracene	11.480	178	959400	40.843	ng	99
73) Carbazole	11.633	167	938052	40.444	ng	100
74) Di-n-butylphthalate	11.957	149	1130305	40.603	ng	100
75) Fluoranthene	12.616	202	1061273	39.468	ng	100
77) Benzidine	12.739	184	309358	30.014	ng	98
78) Pyrene	12.845	202	1070626	46.608	ng	100
80) Butylbenzylphthalate	13.457	149	393746	44.621	ng	98
81) Benzo(a)anthracene	14.039	228	734108	41.593	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	228373	40.709	ng	99
83) Chrysene	14.074	228	660037	40.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	480832	40.823	ng	99
85) Di-n-octyl phthalate	14.639	149	640686	38.622	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	702801	46.248	ng	99
88) Benzo(b)fluoranthene	15.104	252	583767	36.276	ng	99
89) Benzo(k)fluoranthene	15.133	252	557943	42.441	ng	100
90) Benzo(a)pyrene	15.474	252	515079	41.217	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	575521	45.817	ng	100
92) Benzo(g,h,i)perylene	17.509	276	594253	46.275	ng	100

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

- 1
- 2
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- 17

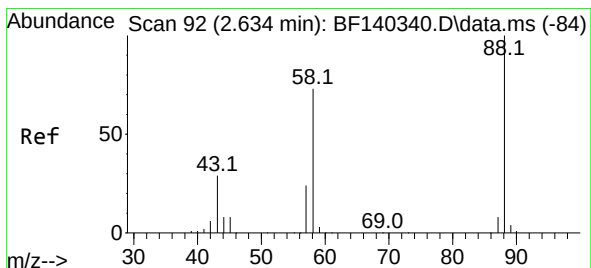
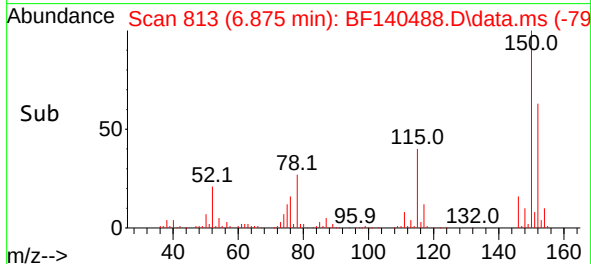
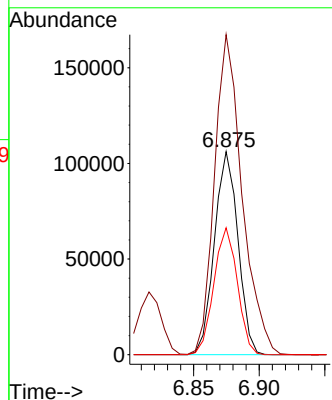
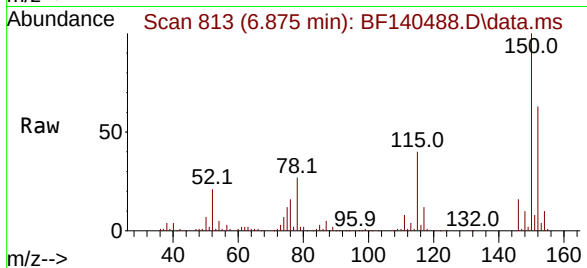
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

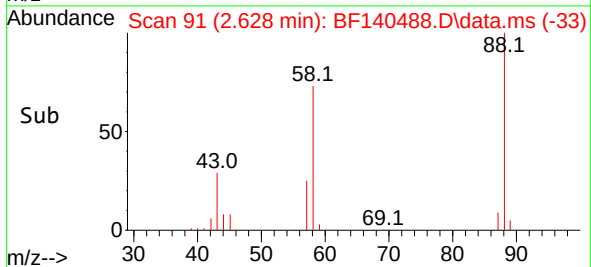
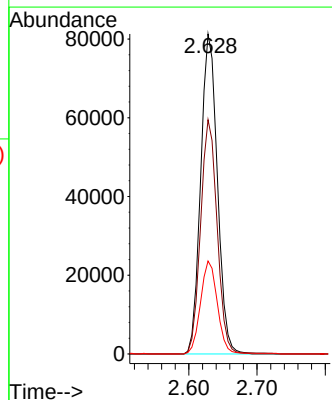
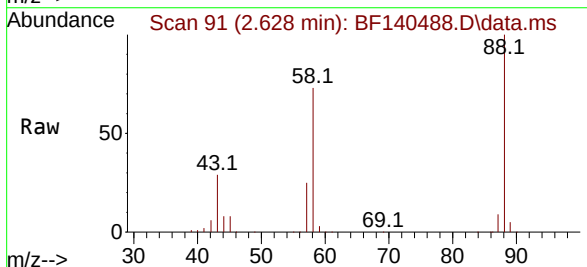
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

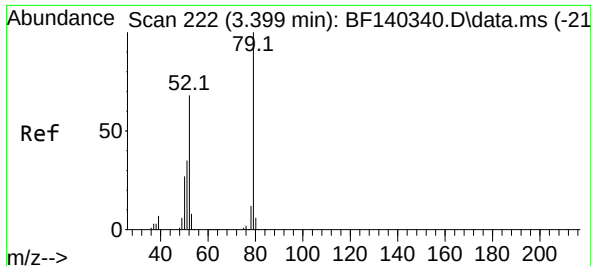
Tgt Ion:152 Resp: 132364
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 62.5 47.4 71.2



#2
1,4-Dioxane
Concen: 40.057 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 88 Resp: 138405
Ion Ratio Lower Upper
88 100
58 72.1 59.5 89.3
43 29.4 23.4 35.2





#3

Pyridine

Concen: 39.486 ng

RT: 3.404 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

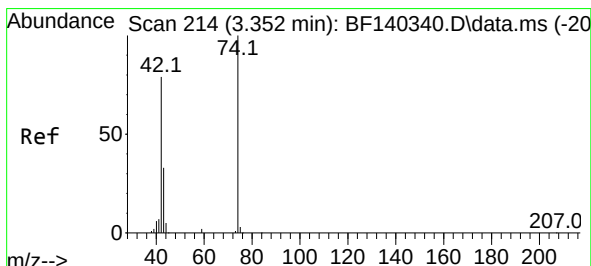
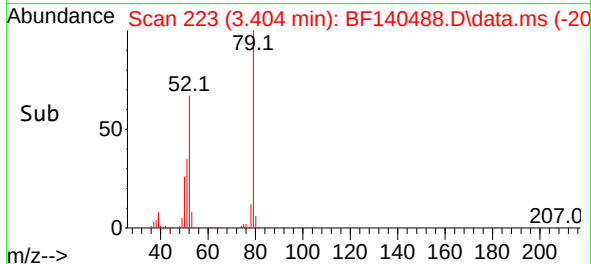
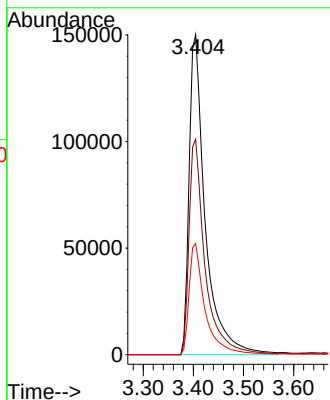
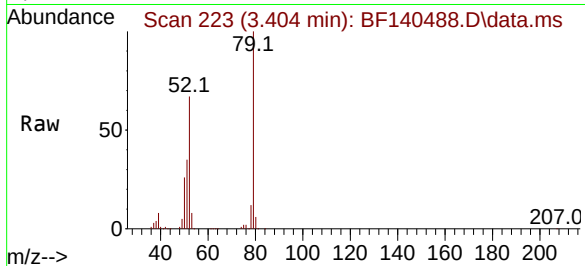
Tgt Ion: 79 Resp: 335412

Ion Ratio Lower Upper

79 100

52 67.3 53.8 80.6

51 34.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.578 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

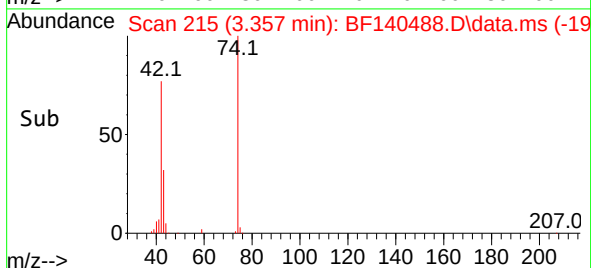
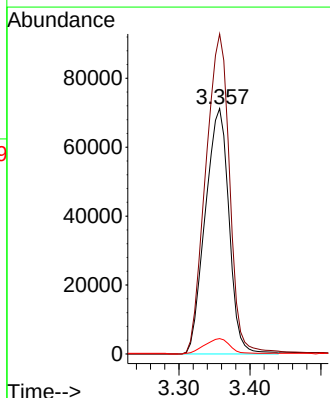
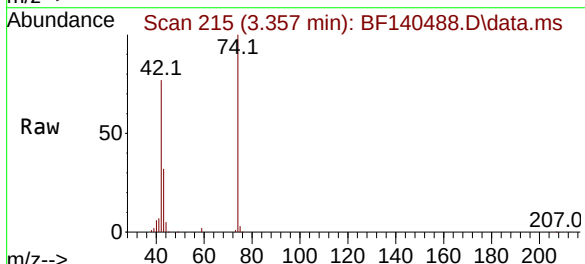
Tgt Ion: 42 Resp: 165619

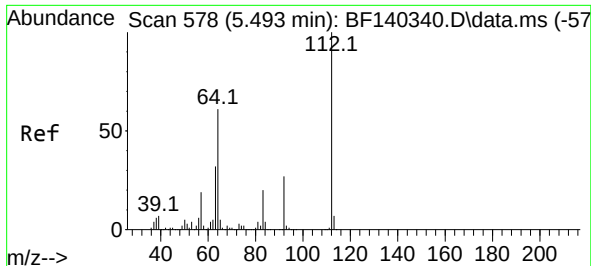
Ion Ratio Lower Upper

42 100

74 130.3 103.5 155.3

44 6.3 5.1 7.7

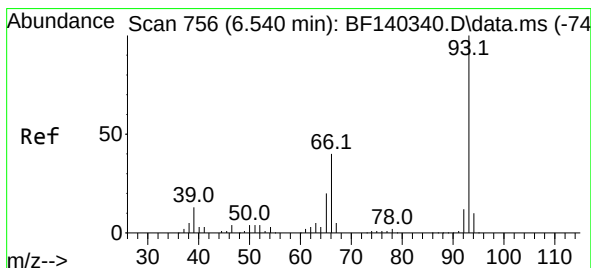
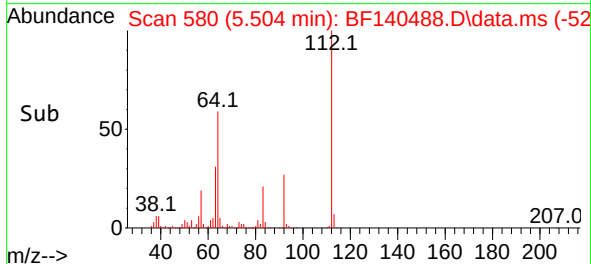
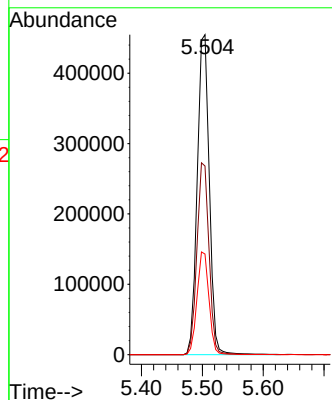
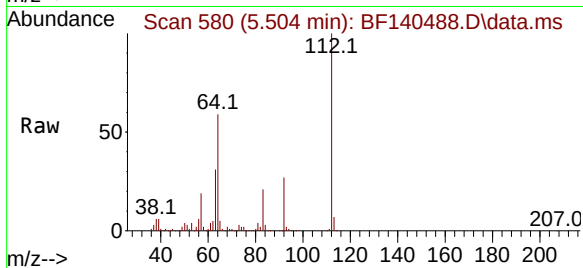




#5
2-Fluorophenol
Concen: 80.791 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

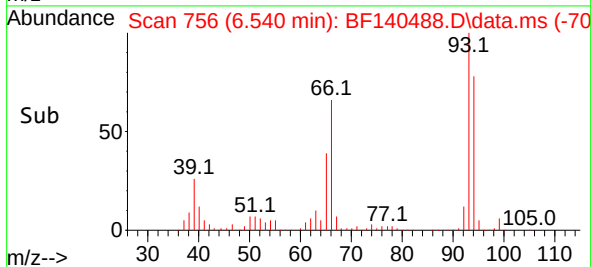
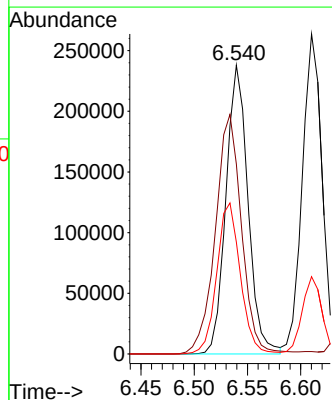
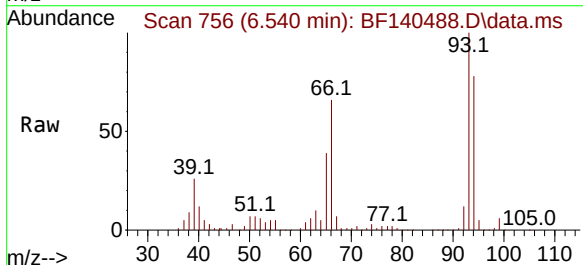
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

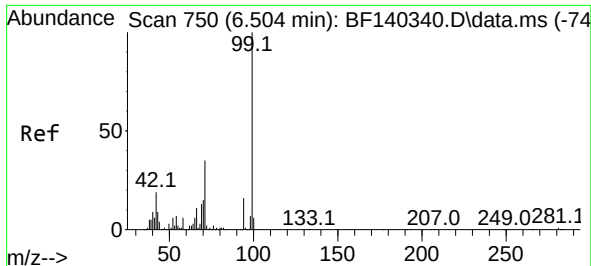
Tgt Ion:112 Resp: 626328
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.5 25.6 38.4



#6
Aniline
Concen: 37.496 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 93 Resp: 342599
Ion Ratio Lower Upper
93 100
66 65.7 32.8 49.2#
65 38.8 16.6 25.0#

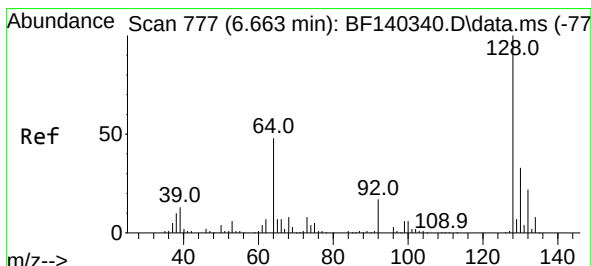
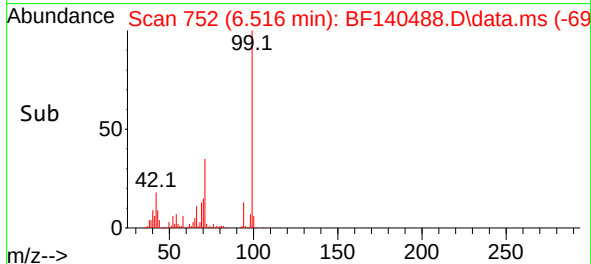
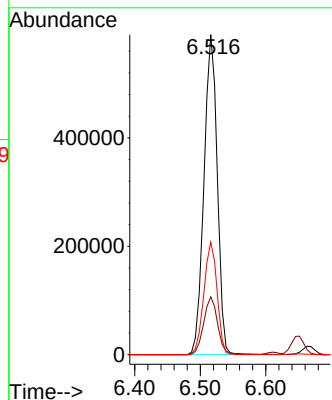
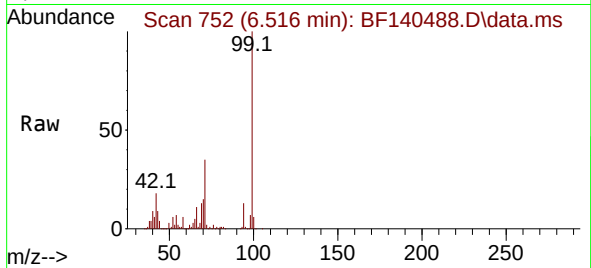




#7
Phenol-d6
Concen: 79.582 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

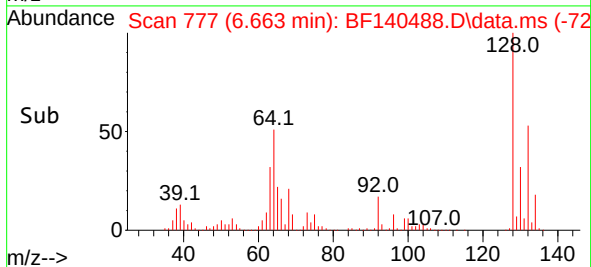
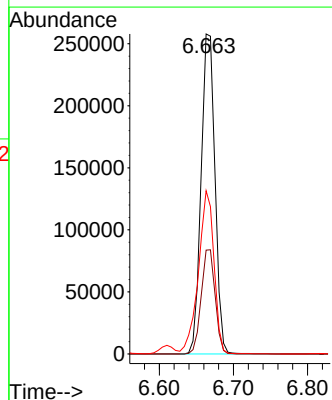
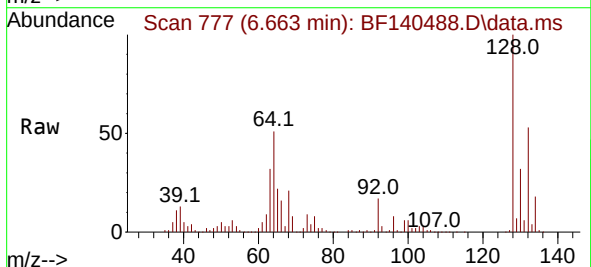
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

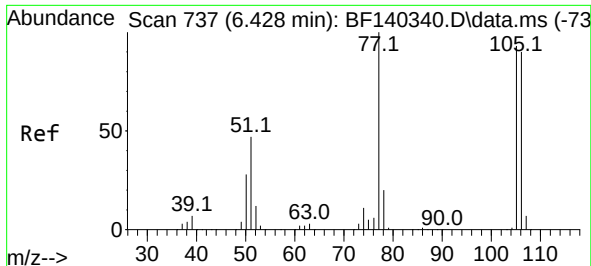
Tgt Ion: 99 Resp: 835879
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 35.2 27.9 41.9



#8
2-Chlorophenol
Concen: 40.316 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 128 Resp: 335737
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 51.0 30.2 70.2

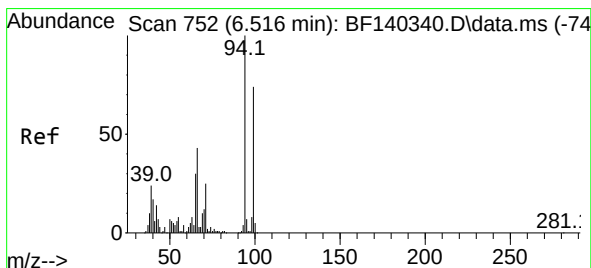
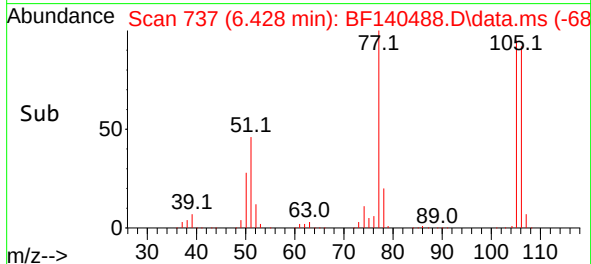
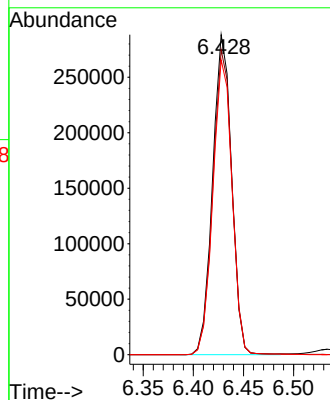
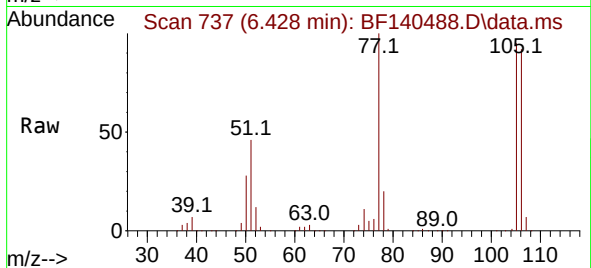




#9
Benzaldehyde
Concen: 60.302 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

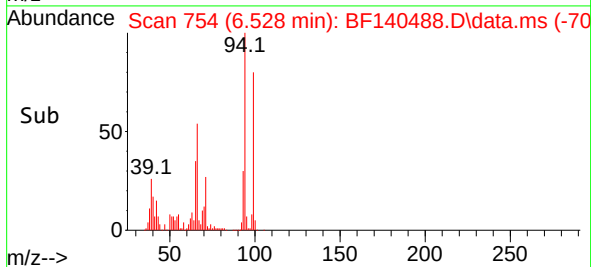
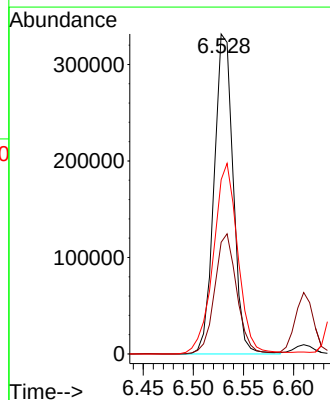
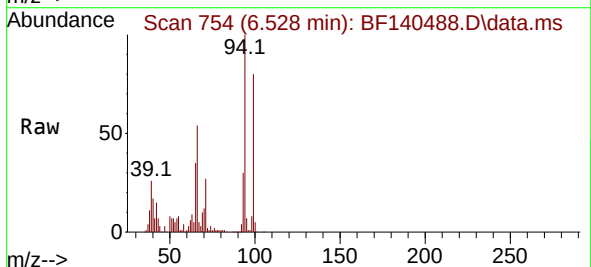
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

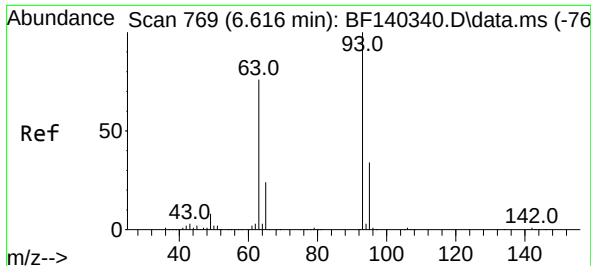
Tgt Ion: 77 Resp: 379602
Ion Ratio Lower Upper
77 100
105 95.2 74.4 114.4
106 92.1 69.9 109.9



#10
Phenol
Concen: 39.610 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 94 Resp: 438741
Ion Ratio Lower Upper
94 100
65 34.9 10.4 50.4
66 54.5 22.9 62.9

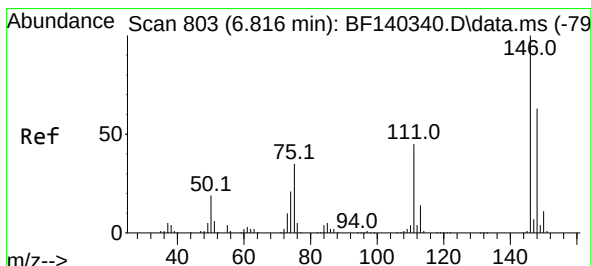
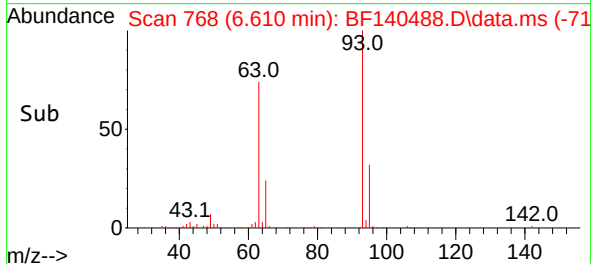
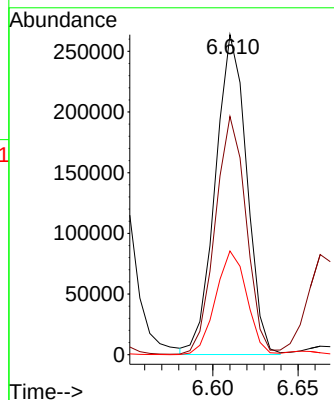
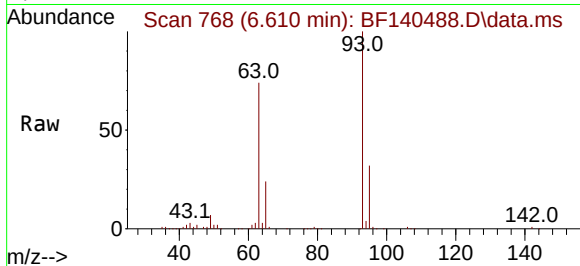




#11
bis(2-Chloroethyl)ether
Concen: 40.278 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

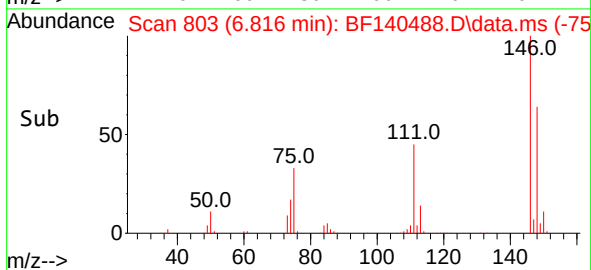
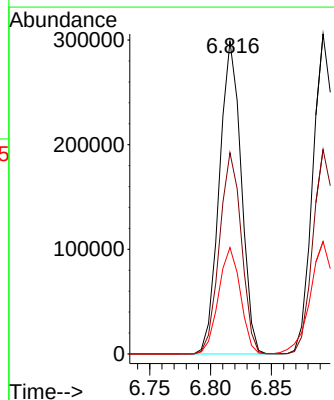
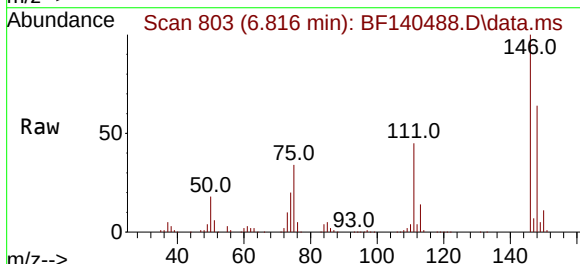
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

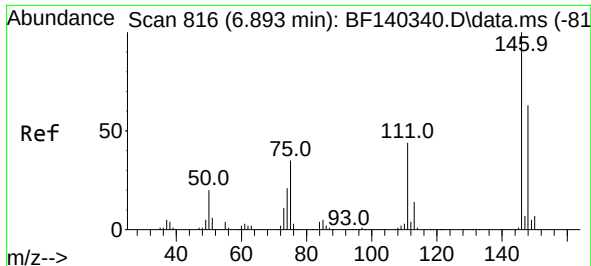
Tgt Ion: 93	Resp: 338041
Ion Ratio	Lower Upper
93 100	
63 74.5	54.0 94.0
95 32.4	12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.664 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:146	Resp: 373631
Ion Ratio	Lower Upper
146 100	
148 64.4	50.7 76.1
75 34.0	26.4 39.6

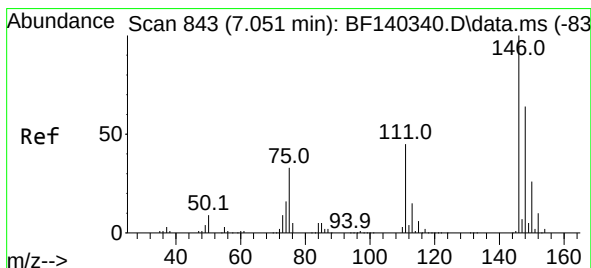
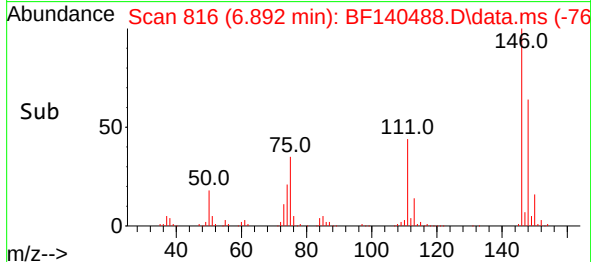
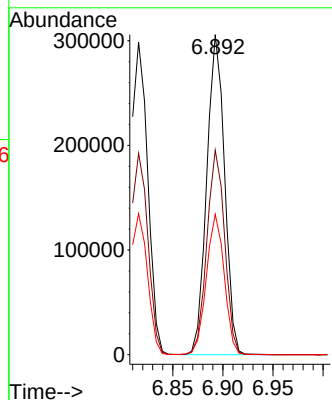
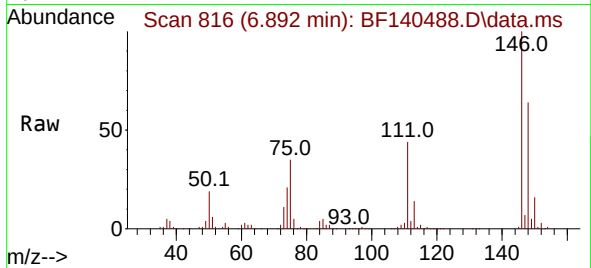




#13
1,4-Dichlorobenzene
Concen: 40.679 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

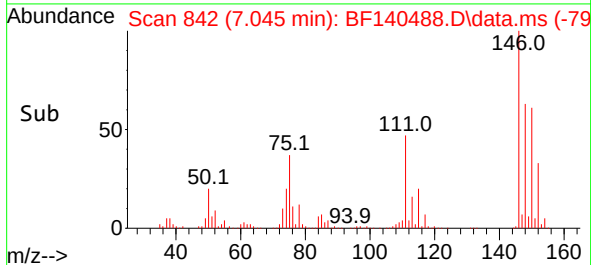
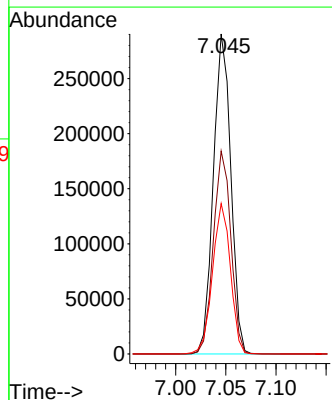
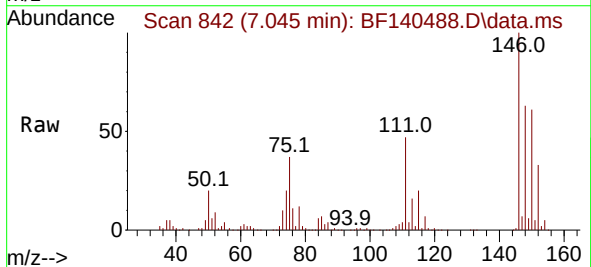
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

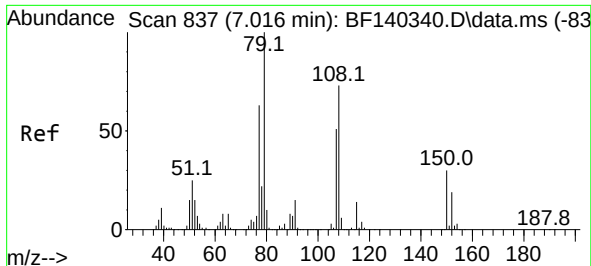
Tgt Ion:146 Resp: 378996
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 43.8 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 40.596 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:146 Resp: 351114
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 47.0 36.5 54.7

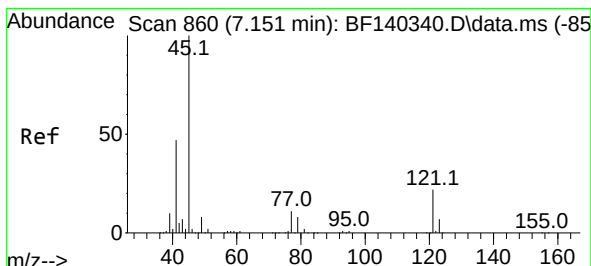
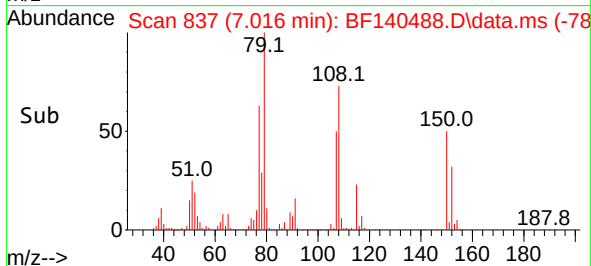
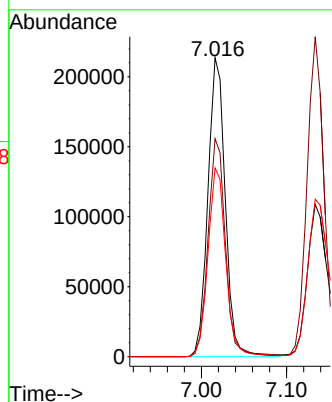
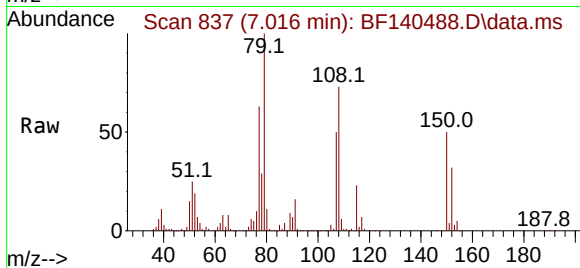




#15
Benzyl Alcohol
Concen: 40.015 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

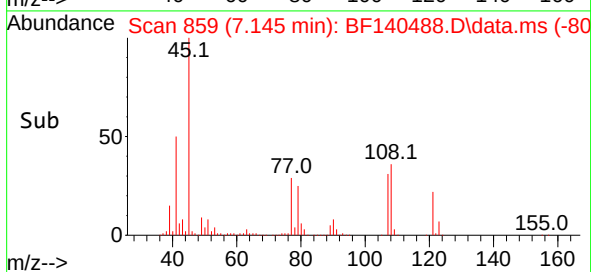
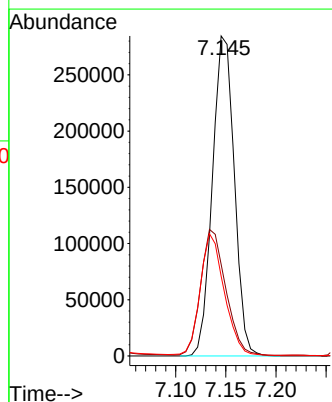
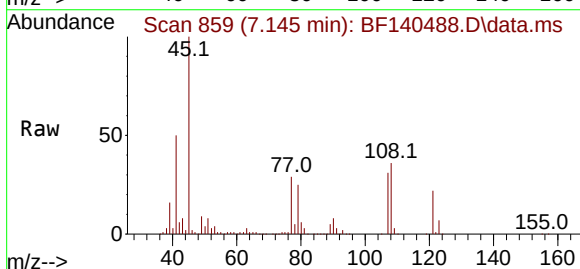
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

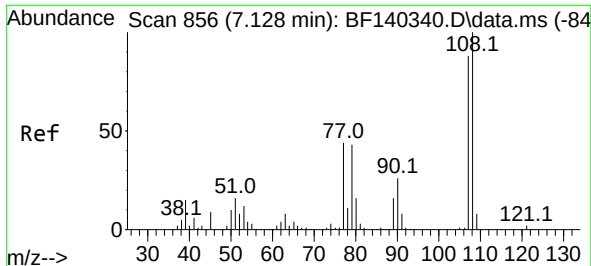
Tgt Ion: 79 Resp: 302807
Ion Ratio Lower Upper
79 100
108 72.9 57.8 86.6
77 63.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.322 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 45 Resp: 432663
Ion Ratio Lower Upper
45 100
77 28.6 0.0 34.8
79 24.9 0.0 31.4

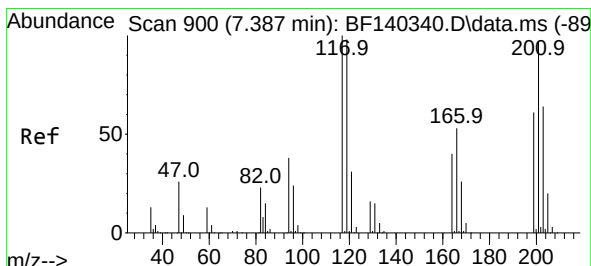
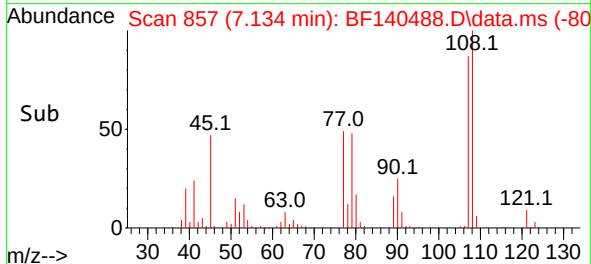
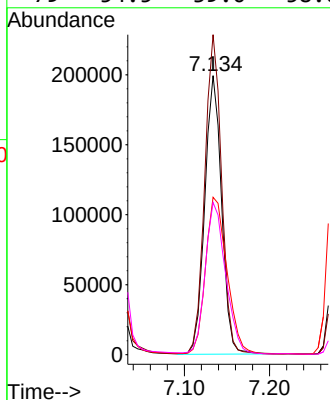
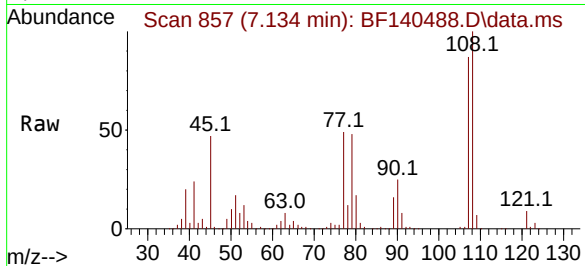




#17
2-Methylphenol
Concen: 39.889 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

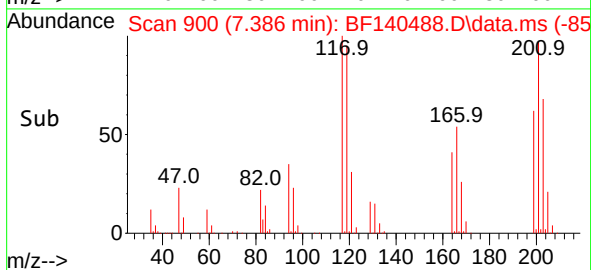
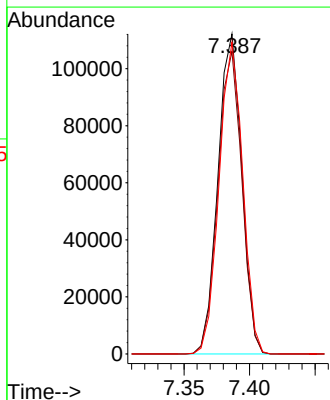
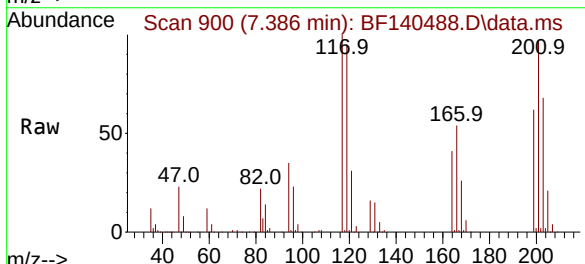
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

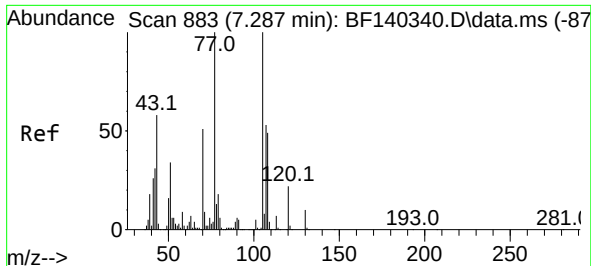
Tgt Ion:	107	Resp:	273264
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.9	137.9
77	56.4	39.7	59.5
79	54.5	39.0	58.6



#18
Hexachloroethane
Concen: 41.146 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:	117	Resp:	141716
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
201	97.4	80.2	120.4



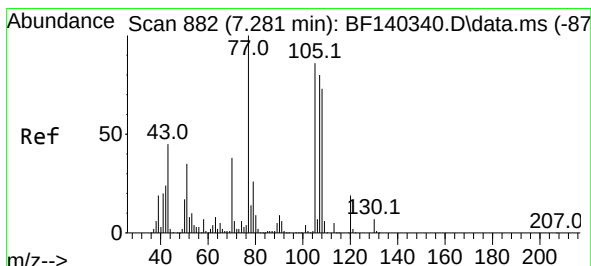
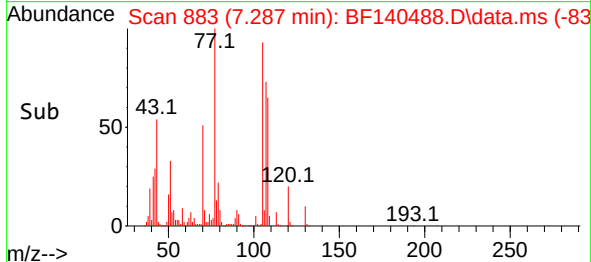
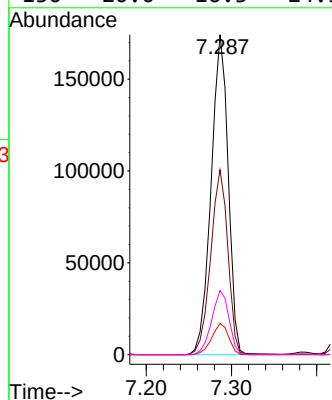
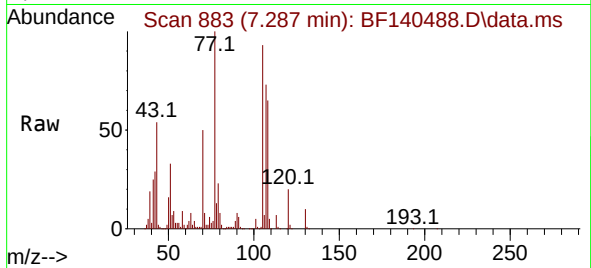


#19
n-Nitroso-di-n-propylamine
Concen: 38.218 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 242440

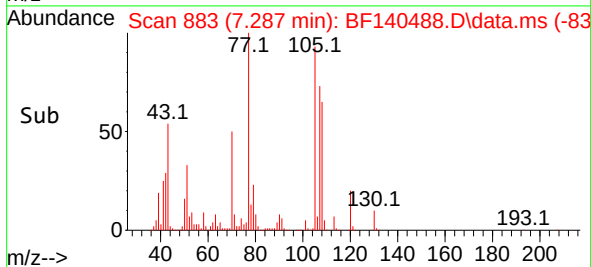
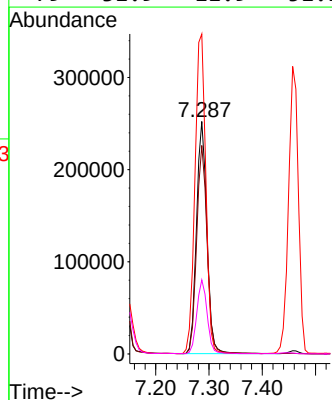
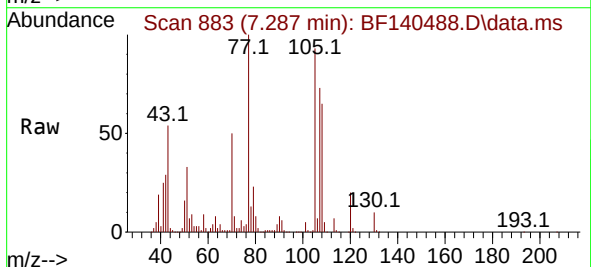
Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.8	70.2
101	9.7	7.5	11.3
130	20.0	16.3	24.5

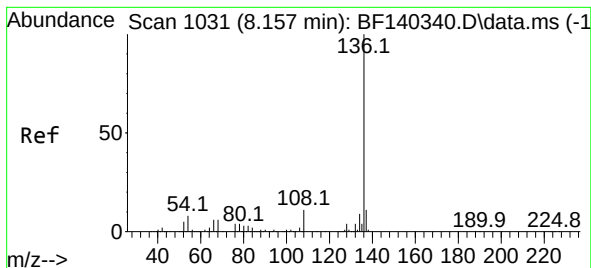


#20
3+4-Methylphenols
Concen: 39.866 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 107 Resp: 341542

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.4	111.4
77	137.7	97.0	137.0#
79	31.9	11.9	51.9



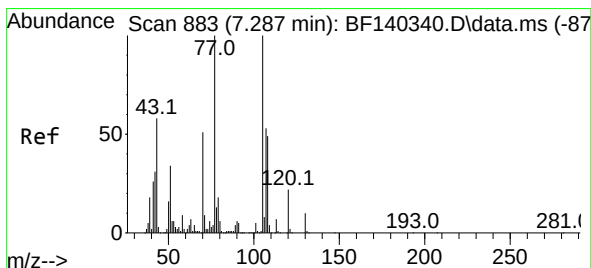
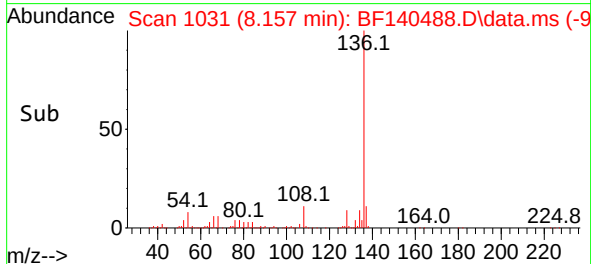
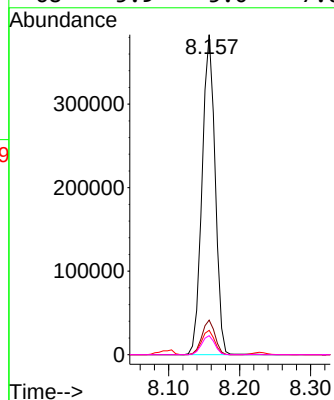
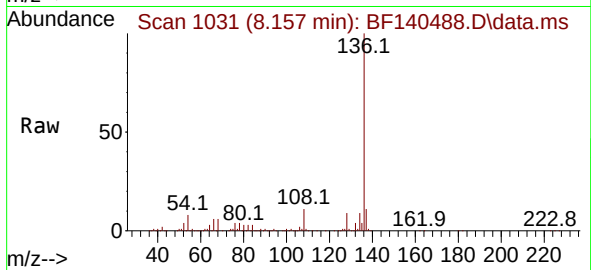


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 490485

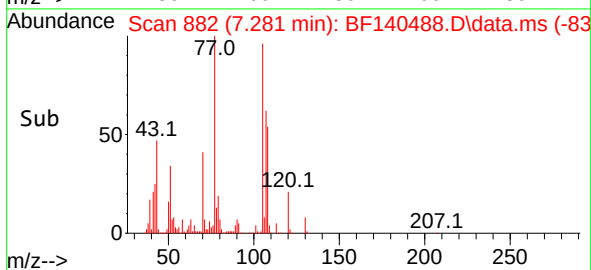
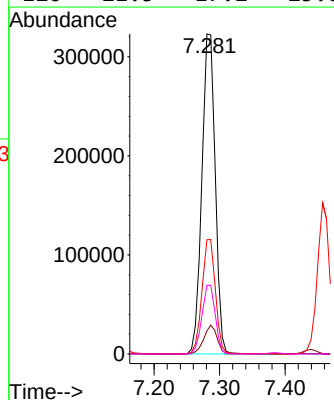
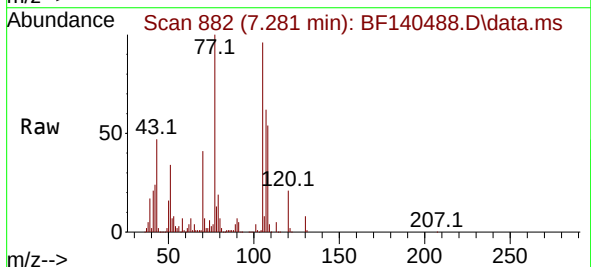
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.5	9.7
68	5.9	5.0	7.6

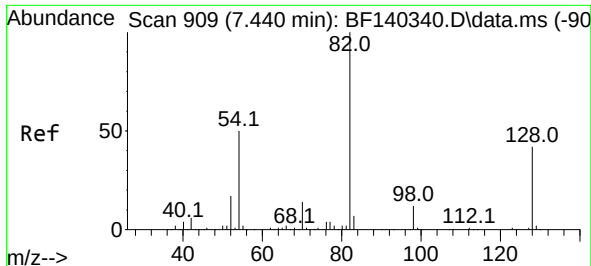


#22
Acetophenone
Concen: 40.314 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:105 Resp: 459893

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.9	10.3
51	35.7	28.6	43.0
120	21.5	17.2	25.8

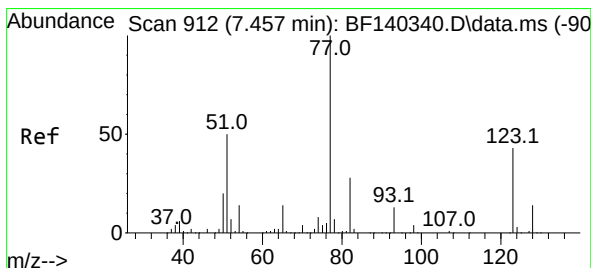
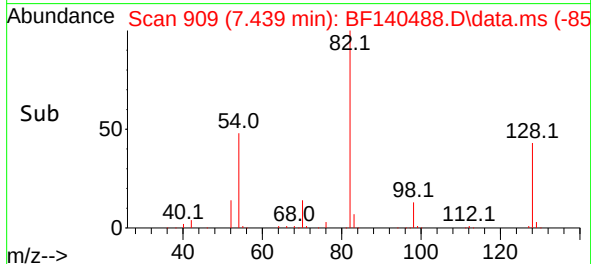
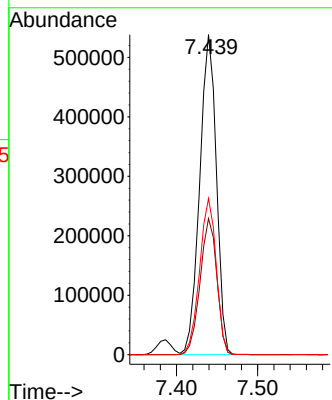
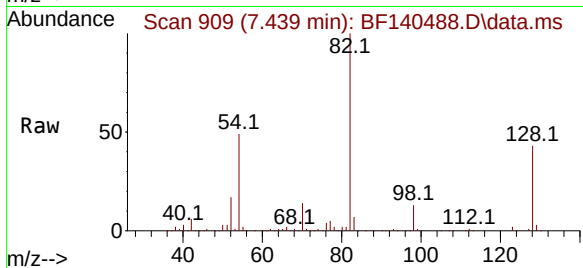




#23
Nitrobenzene-d5
Concen: 81.601 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

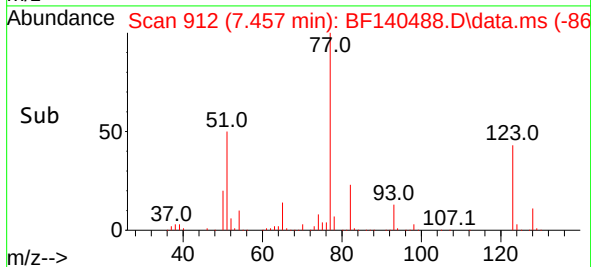
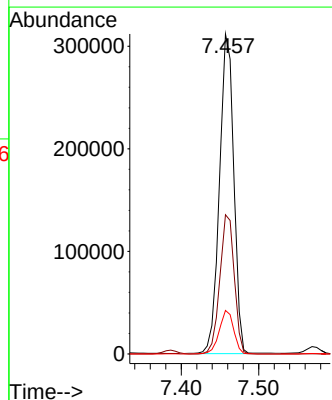
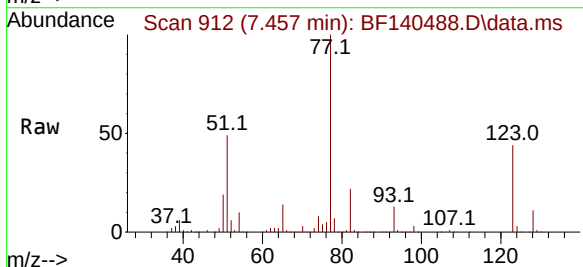
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

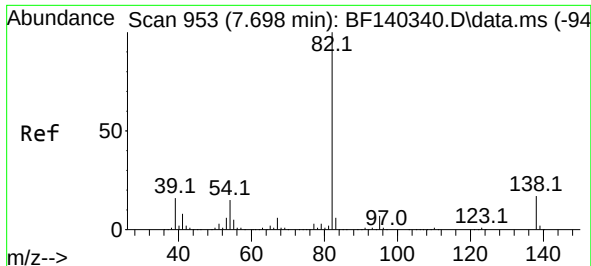
Tgt Ion: 82 Resp: 768178
Ion Ratio Lower Upper
82 100
128 42.5 33.3 49.9
54 48.8 39.8 59.8



#24
Nitrobenzene
Concen: 40.890 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 77 Resp: 400779
Ion Ratio Lower Upper
77 100
123 43.5 35.4 53.0
65 13.6 11.1 16.7

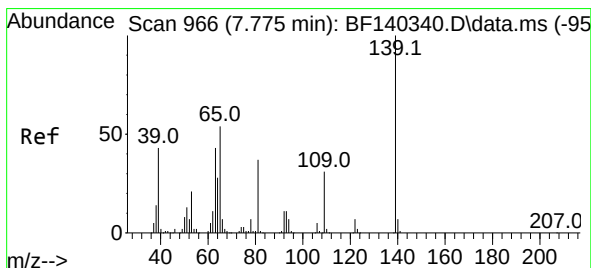
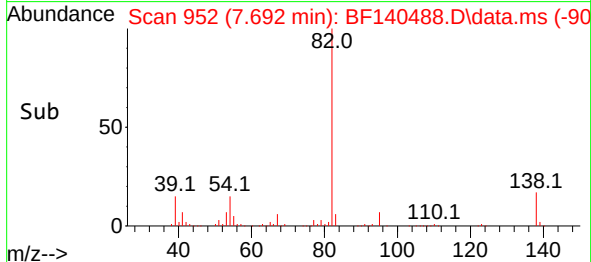
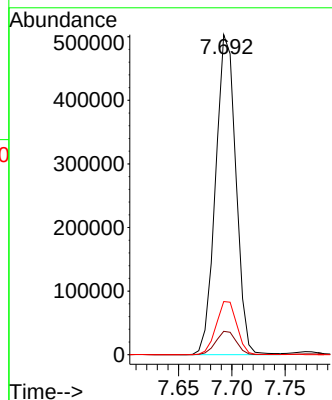
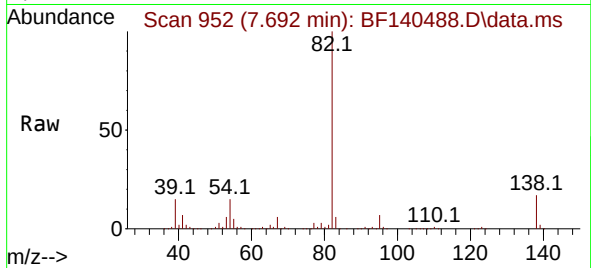




#25
Isophorone
Concen: 39.991 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

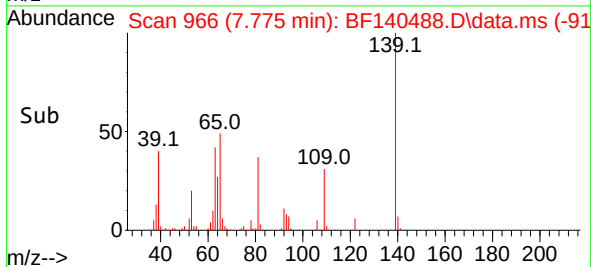
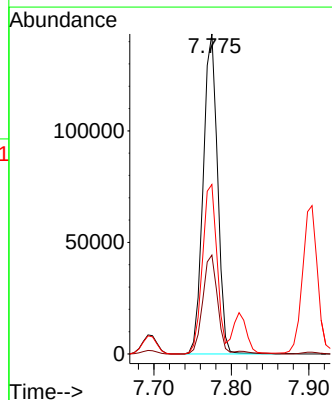
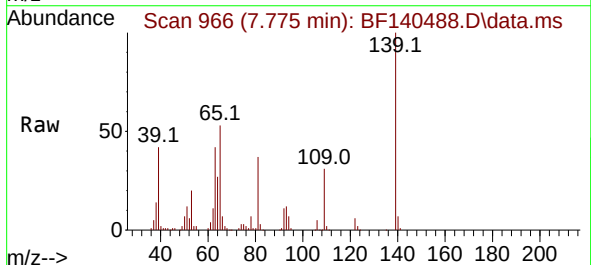
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

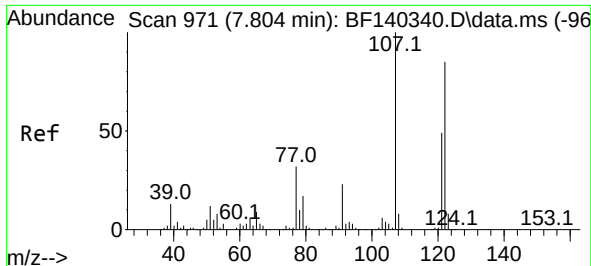
Tgt Ion: 82 Resp: 667210
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.6 13.4 20.2



#26
2-Nitrophenol
Concen: 42.584 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:139 Resp: 185216
Ion Ratio Lower Upper
139 100
109 30.9 24.4 36.6
65 52.9 42.8 64.2

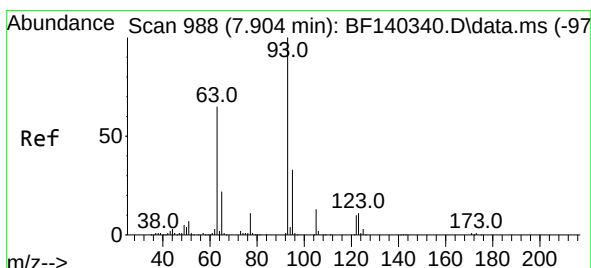
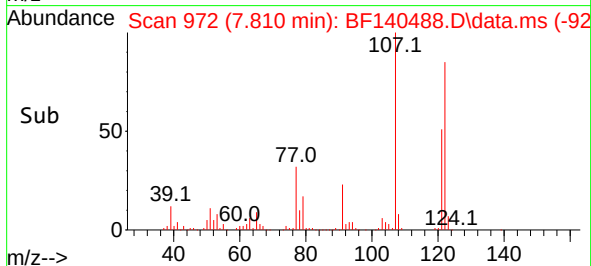
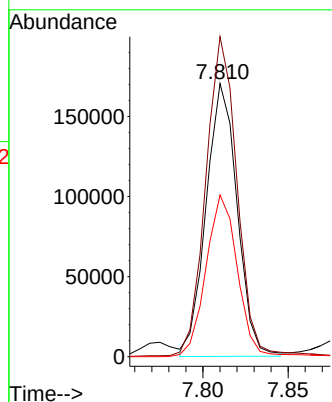
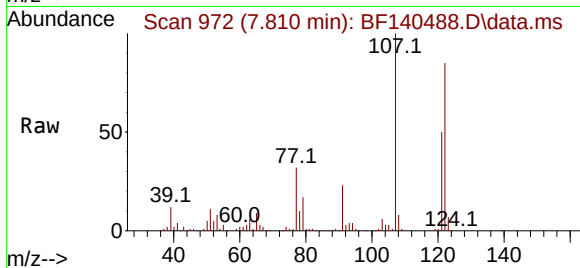




#27
2,4-Dimethylphenol
Concen: 38.777 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

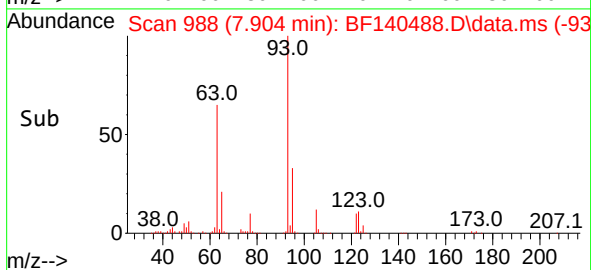
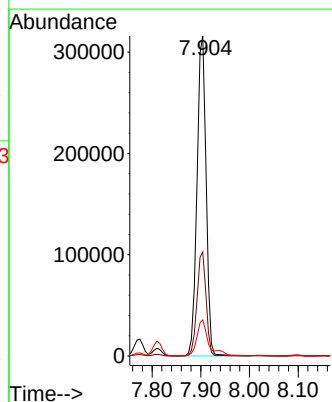
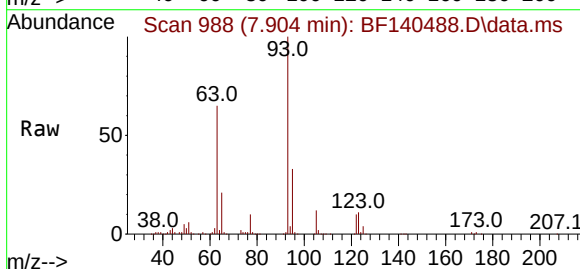
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

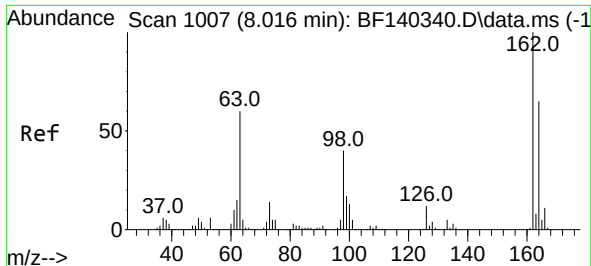
Tgt Ion:122 Resp: 215924
Ion Ratio Lower Upper
122 100
107 117.1 91.3 136.9
121 59.2 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.536 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 93 Resp: 414691
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.936 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140488.D

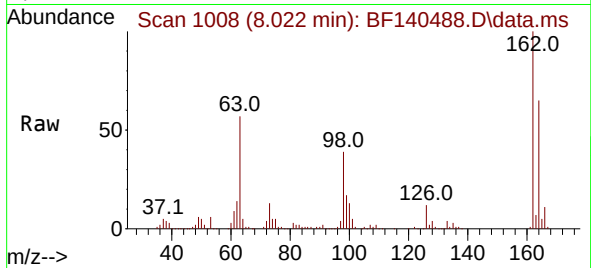
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



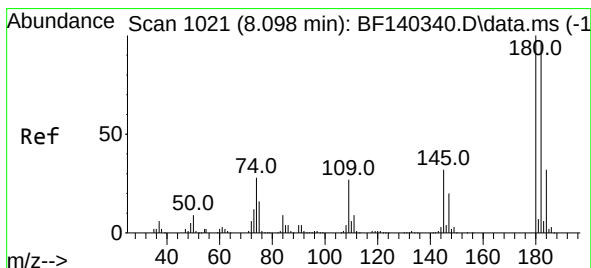
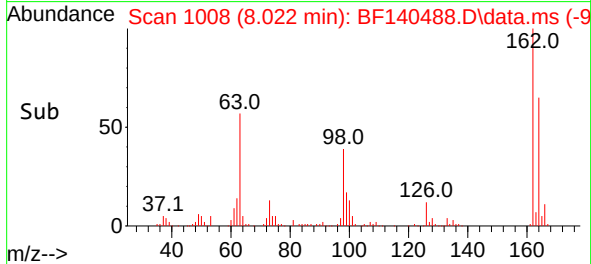
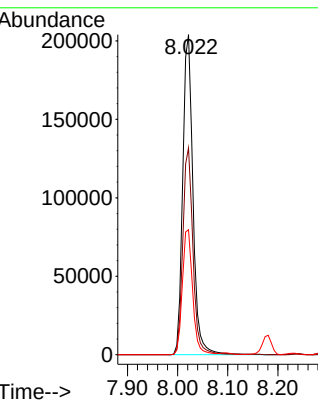
Tgt Ion:162 Resp: 288595

Ion Ratio Lower Upper

162 100

164 64.6 45.4 85.4

98 39.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.545 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

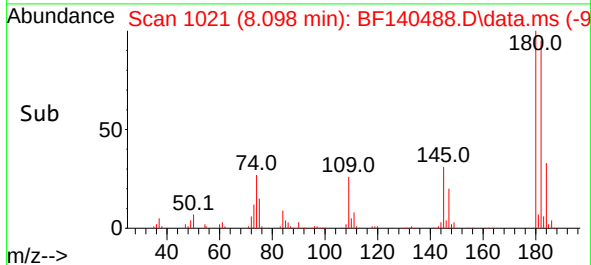
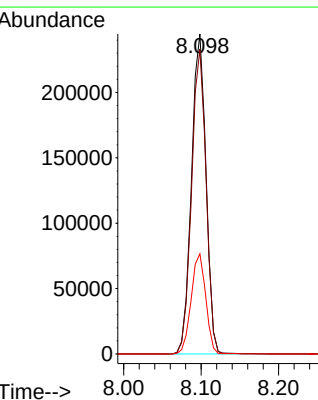
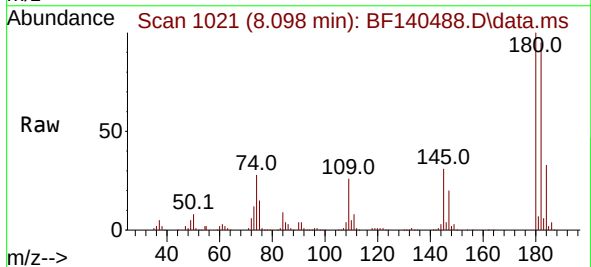
Tgt Ion:180 Resp: 318306

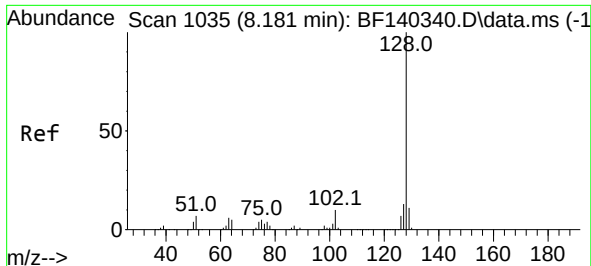
Ion Ratio Lower Upper

180 100

182 95.3 76.5 114.7

145 31.3 25.3 37.9

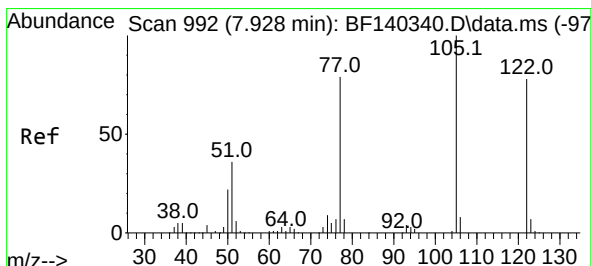
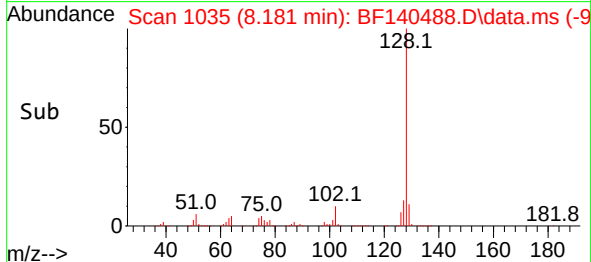
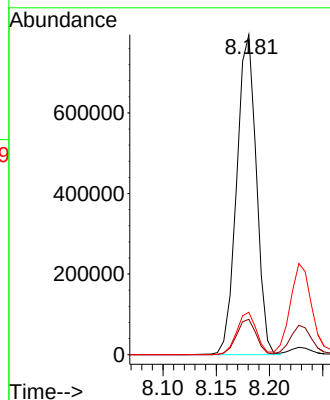
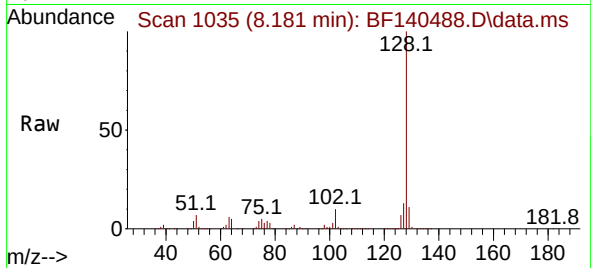




#31
Naphthalene
Concen: 41.021 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

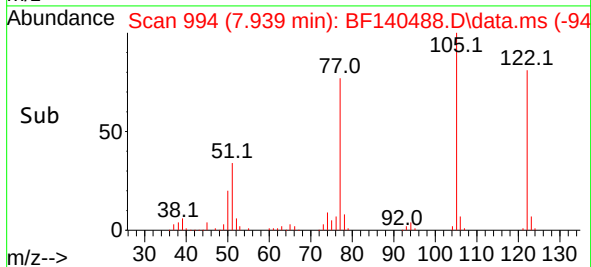
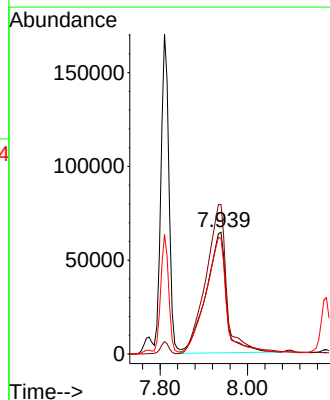
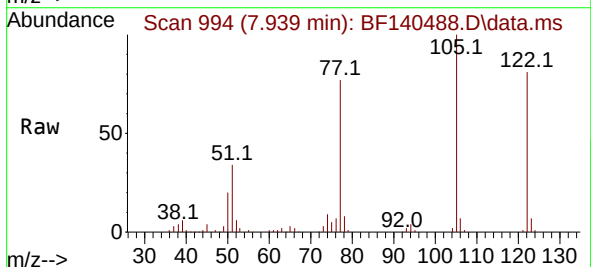
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

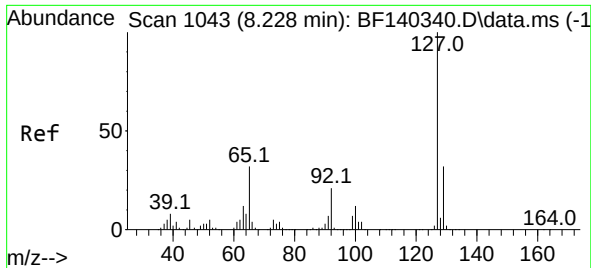
Tgt Ion:128 Resp: 1020666
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 42.721 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:122 Resp: 209323
Ion Ratio Lower Upper
122 100
105 122.7 100.9 140.9
77 95.0 76.0 116.0

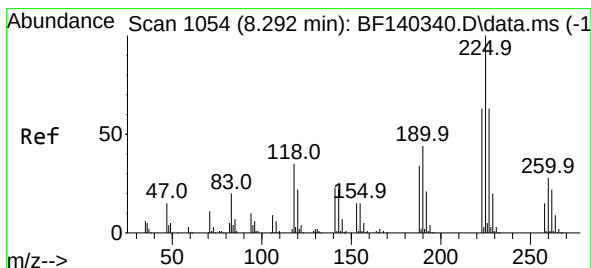
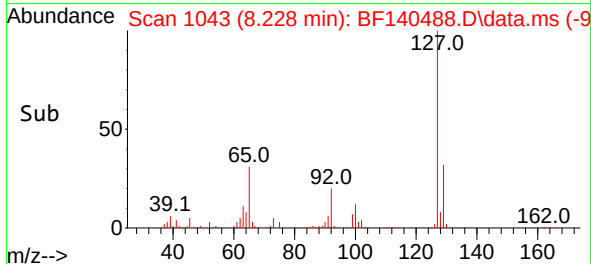
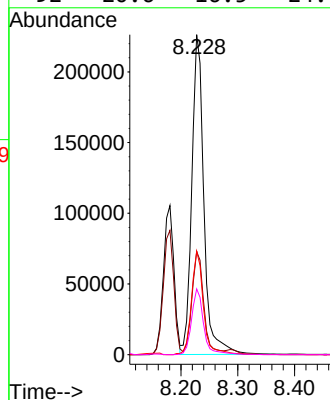
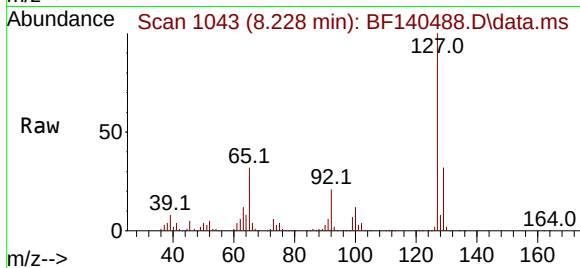




#33
4-Chloroaniline
Concen: 38.800 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

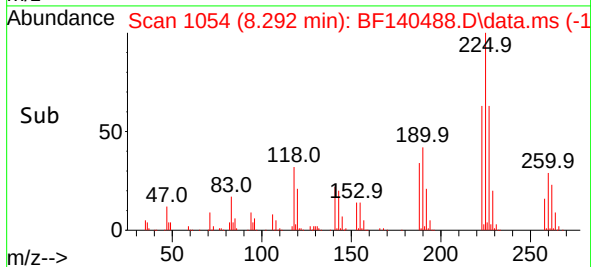
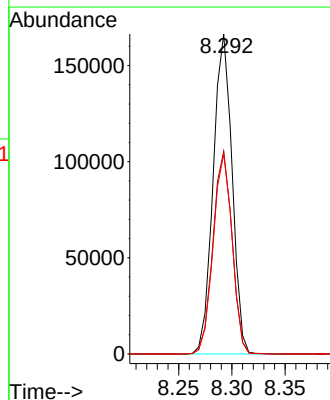
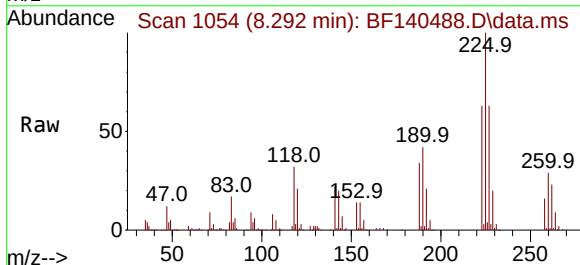
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

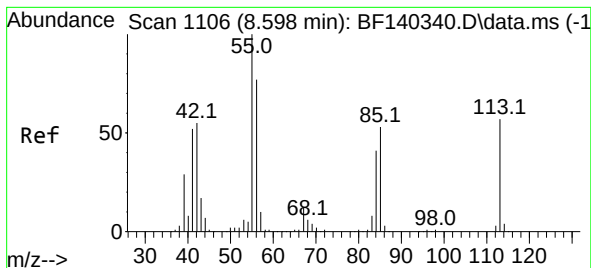
Tgt Ion:	127	Resp:	335737
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	32.3	25.8	38.6
92	20.6	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.969 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:	225	Resp:	204877
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.1	75.1
227	62.5	51.3	76.9





#35

Caprolactam

Concen: 41.015 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

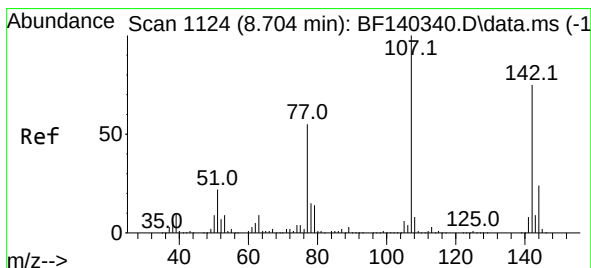
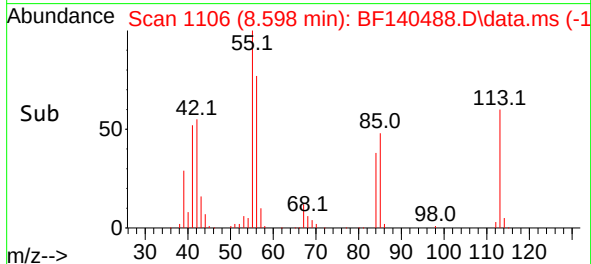
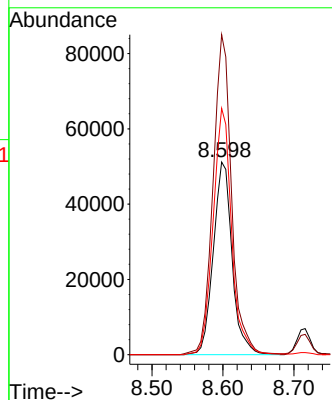
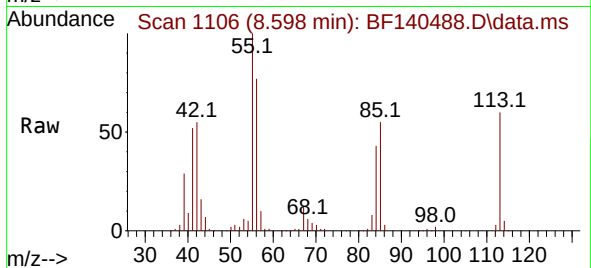
Tgt Ion:113 Resp: 93813

Ion Ratio Lower Upper

113 100

55 166.1 150.0 190.0

56 127.9 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 41.442 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

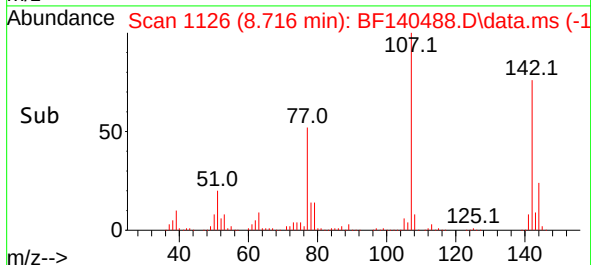
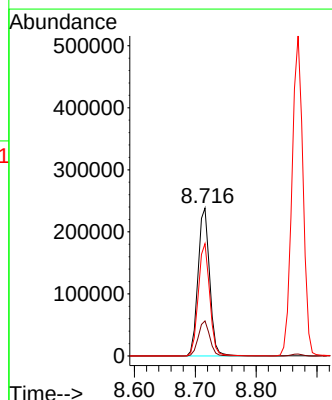
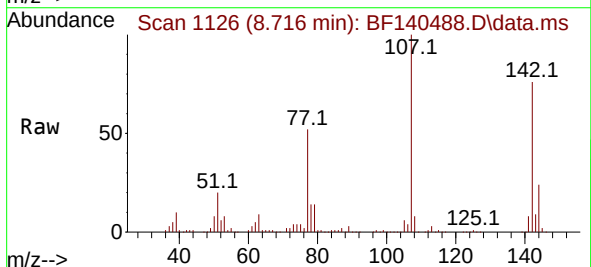
Tgt Ion:107 Resp: 316051

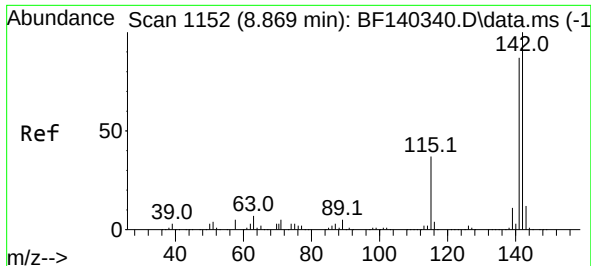
Ion Ratio Lower Upper

107 100

144 23.7 19.3 28.9

142 75.9 59.4 89.0

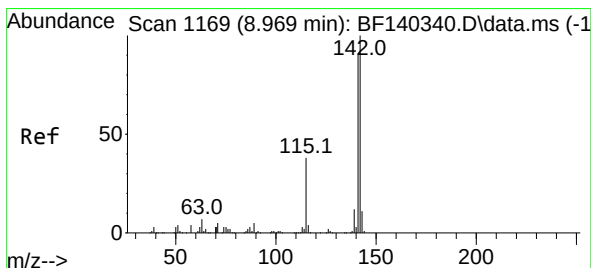
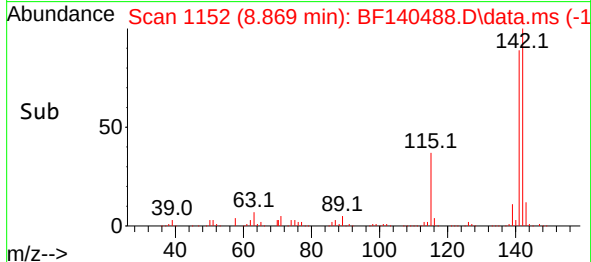
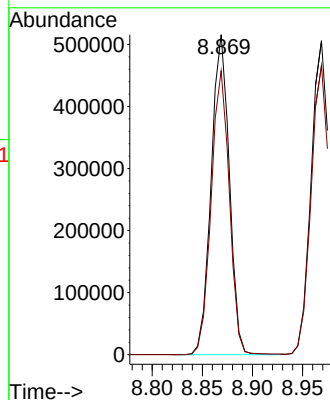
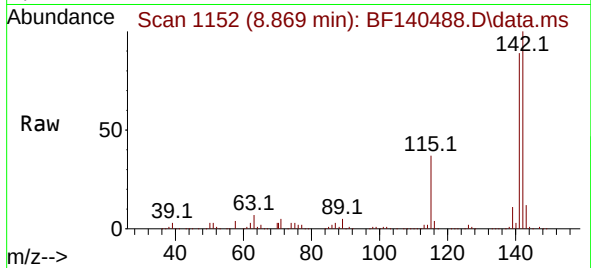




#37
2-Methylnaphthalene
Concen: 40.752 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

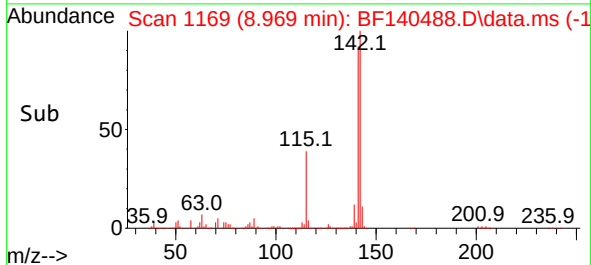
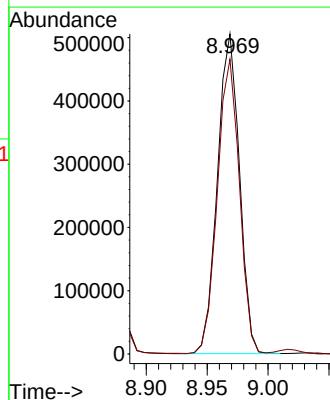
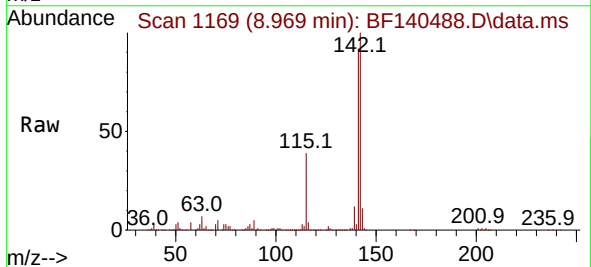
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

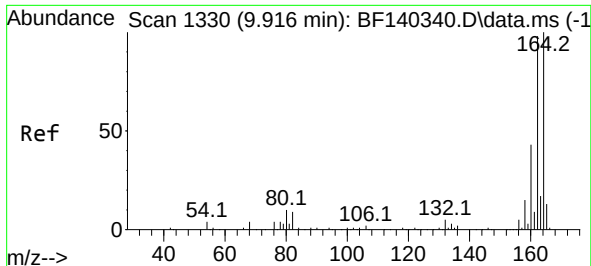
Tgt Ion:142 Resp: 650164
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6



#38
1-Methylnaphthalene
Concen: 40.761 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:142 Resp: 636817
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4

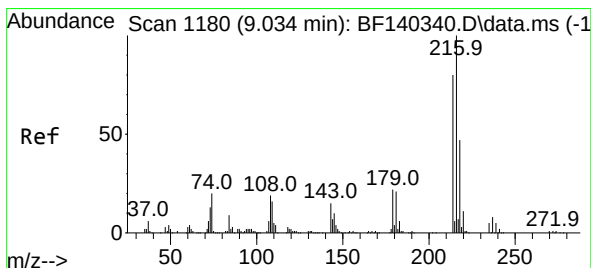
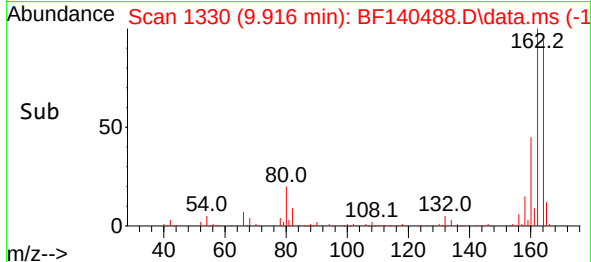
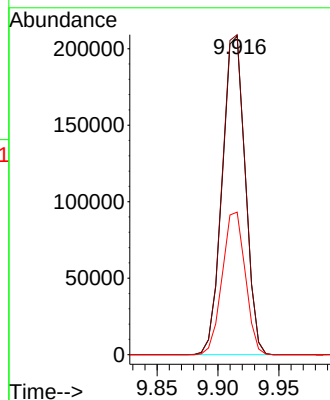
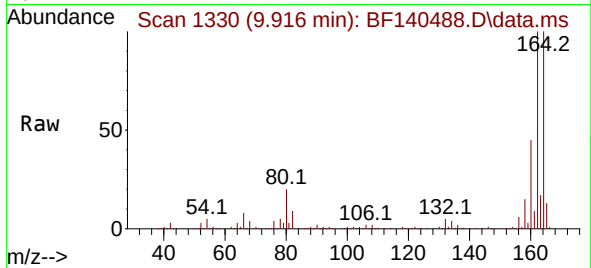




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

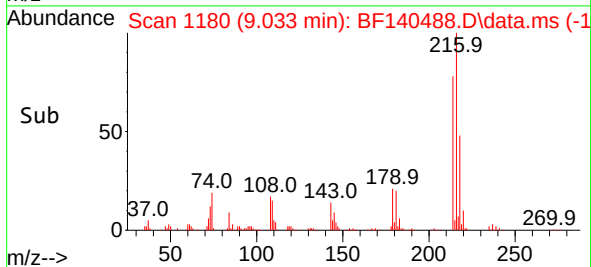
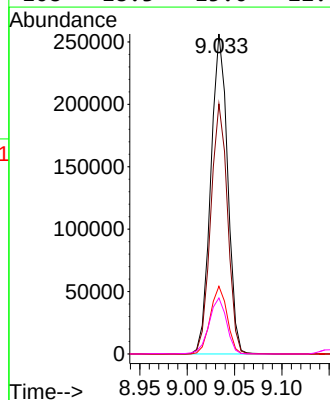
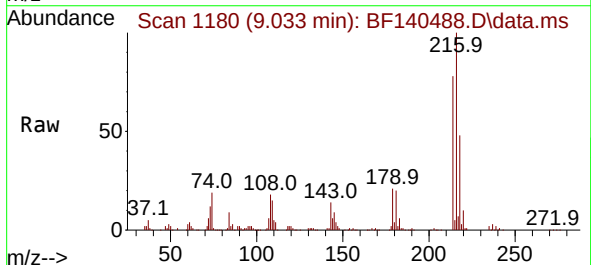
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

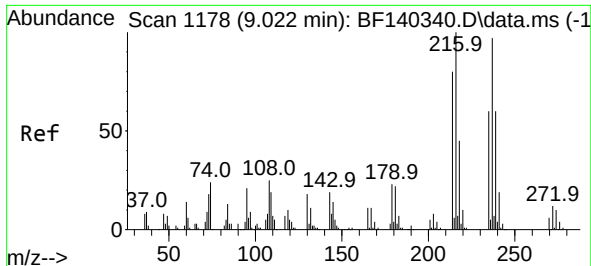
Tgt Ion:164 Resp: 273054
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.8 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.033 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

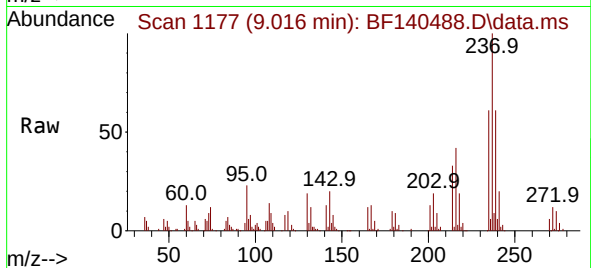
Tgt Ion:216 Resp: 317385
Ion Ratio Lower Upper
216 100
214 78.0 63.2 94.8
179 21.0 17.2 25.8
108 18.3 15.0 22.4



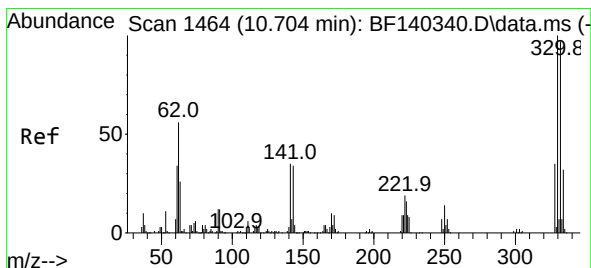
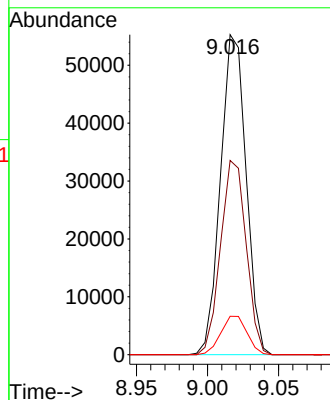
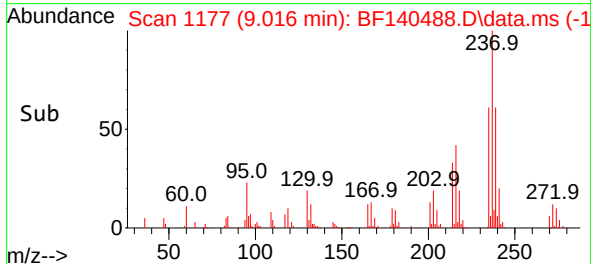


#41
Hexachlorocyclopentadiene
Concen: 35.720 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

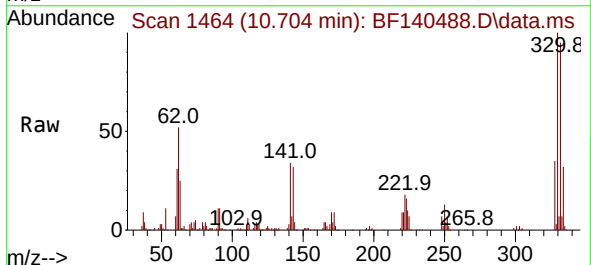
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



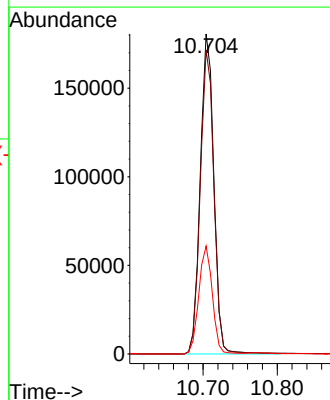
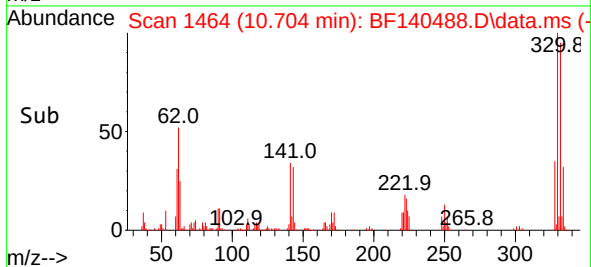
Tgt Ion:237 Resp: 69250
Ion Ratio Lower Upper
237 100
235 60.7 42.8 82.8
272 12.0 0.0 33.1

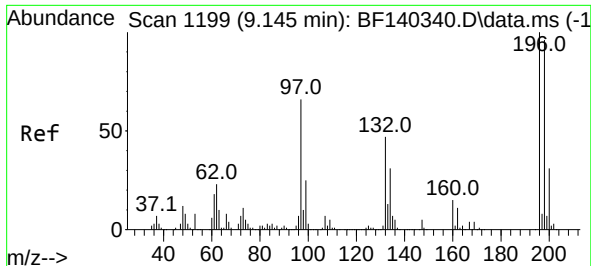


#42
2,4,6-Tribromophenol
Concen: 84.657 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:330 Resp: 229869
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 33.6 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 41.575 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140488.D

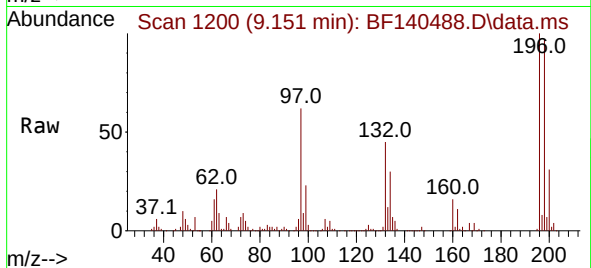
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



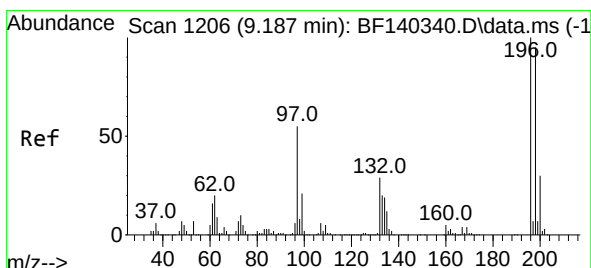
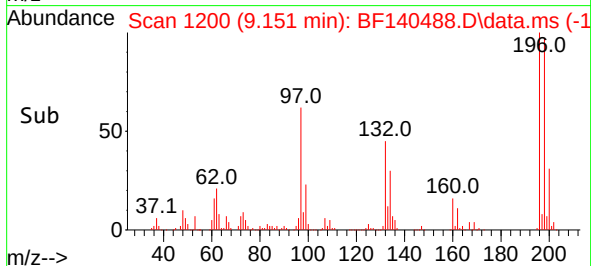
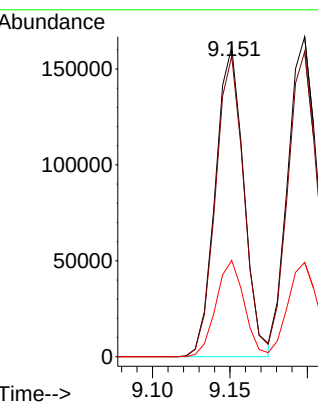
Tgt Ion:196 Resp: 206019

Ion Ratio Lower Upper

196 100

198 97.0 77.0 115.4

200 31.1 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.101 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Tgt Ion:196 Resp: 228093

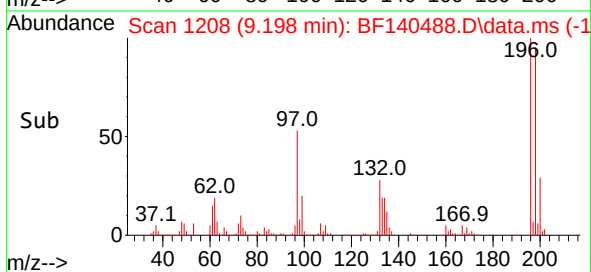
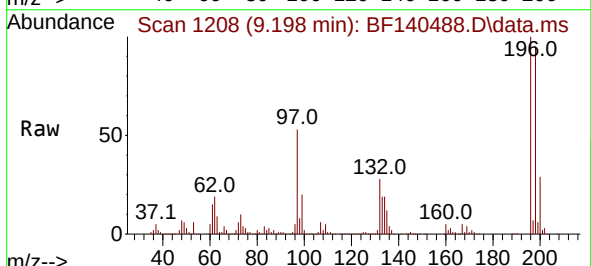
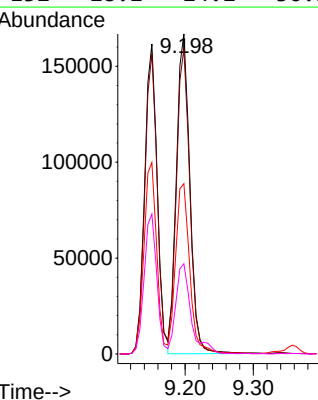
Ion Ratio Lower Upper

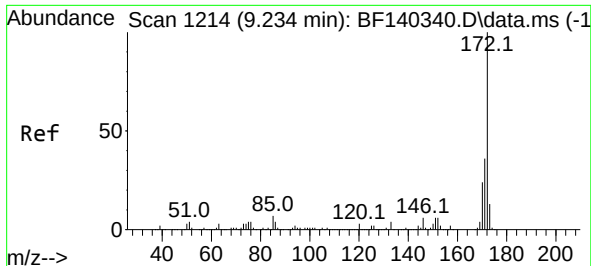
196 100

198 95.4 77.6 116.4

97 53.2 45.4 68.2

132 28.2 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 82.435 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

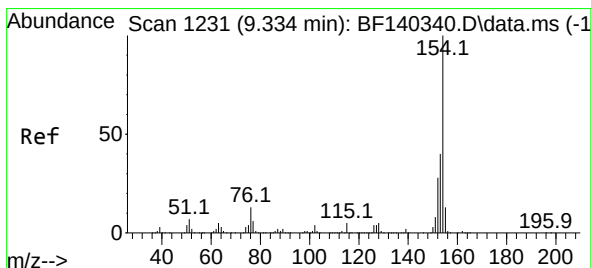
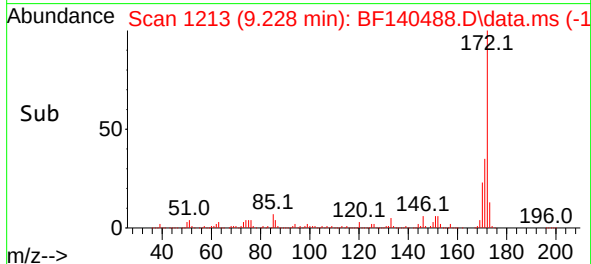
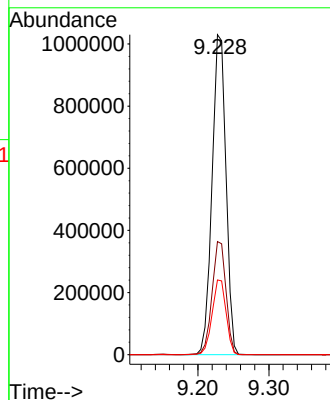
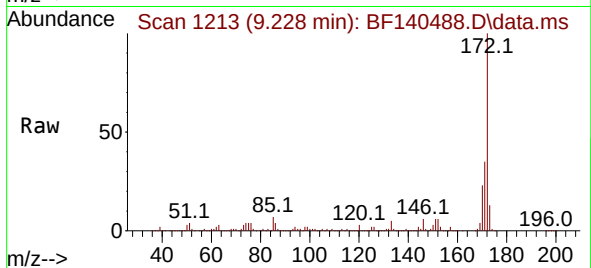
Tgt Ion:172 Resp: 1400225

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.269 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

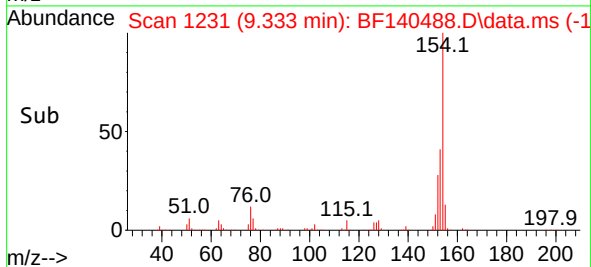
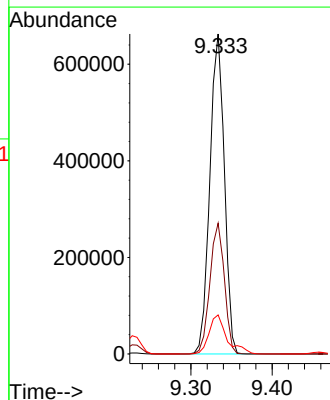
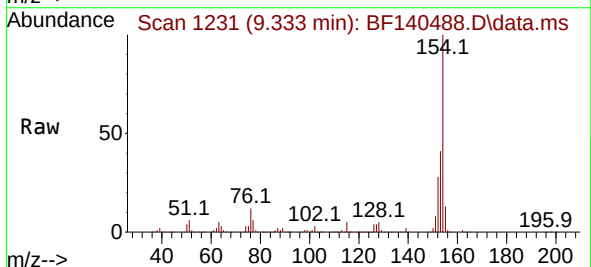
Tgt Ion:154 Resp: 819790

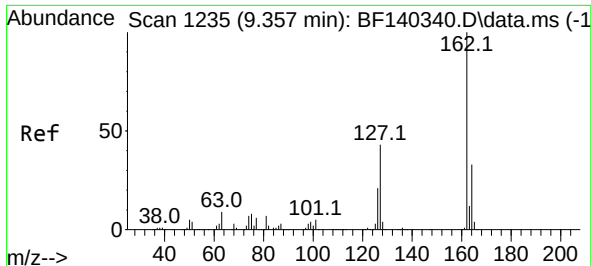
Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

76 12.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.295 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

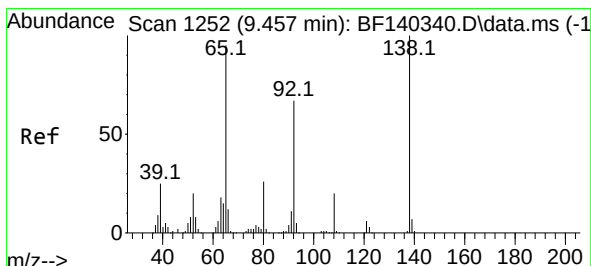
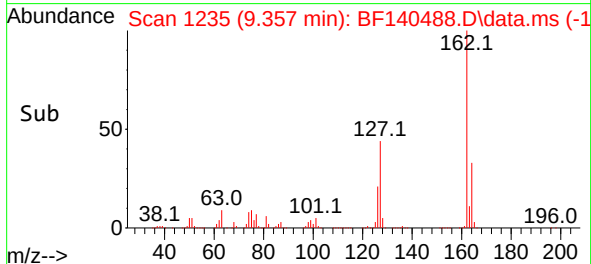
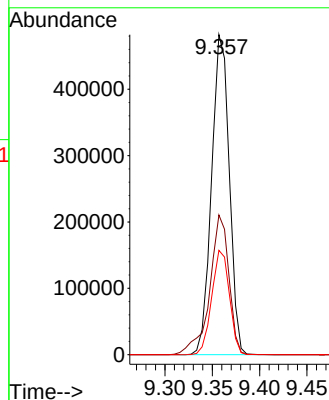
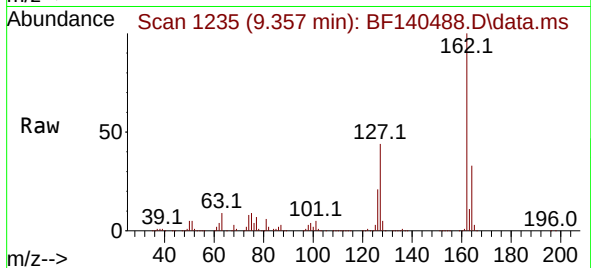
Tgt Ion:162 Resp: 624878

Ion Ratio Lower Upper

162 100

127 43.6 34.0 51.0

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 40.822 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

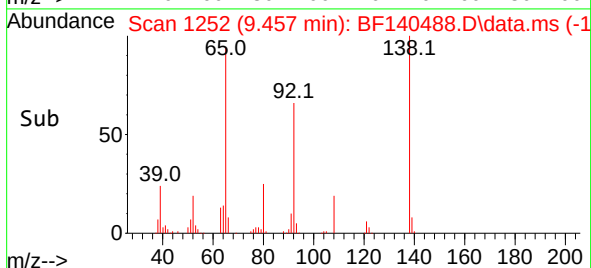
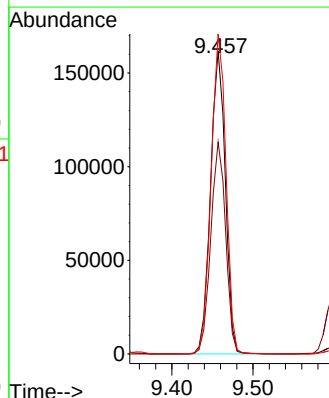
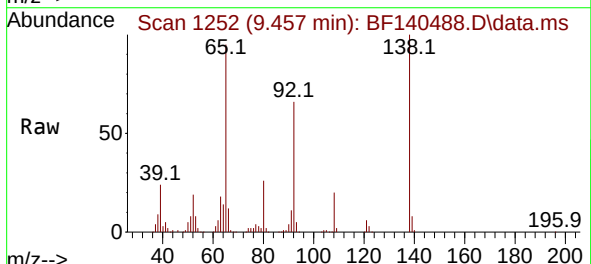
Tgt Ion: 65 Resp: 204862

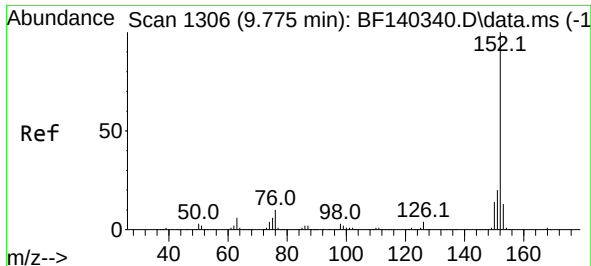
Ion Ratio Lower Upper

65 100

92 69.9 56.4 84.6

138 105.5 84.8 127.2





#49

Acenaphthylene

Concen: 41.051 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

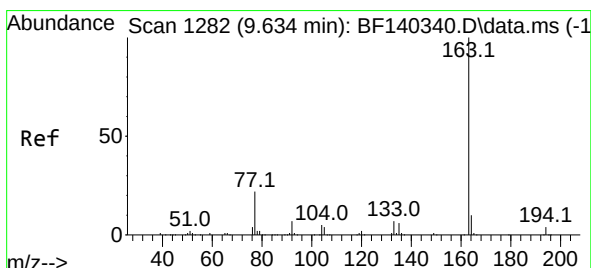
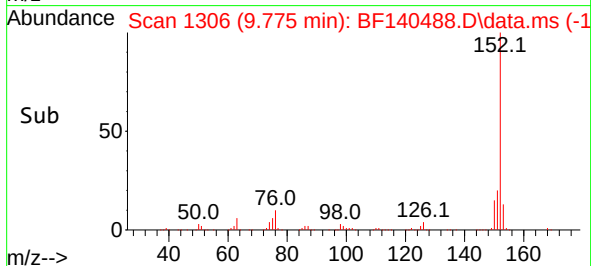
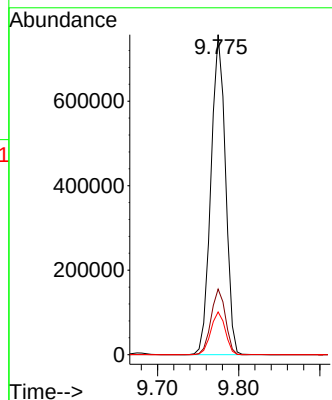
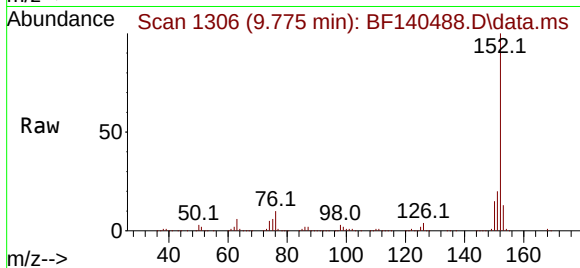
Tgt Ion:152 Resp: 939848

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 41.191 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

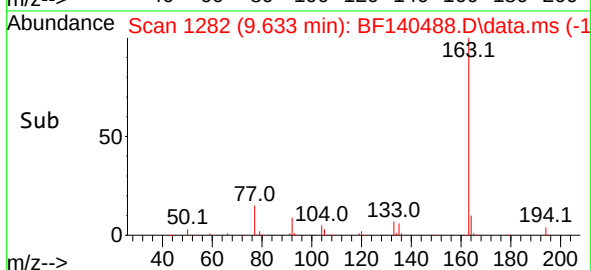
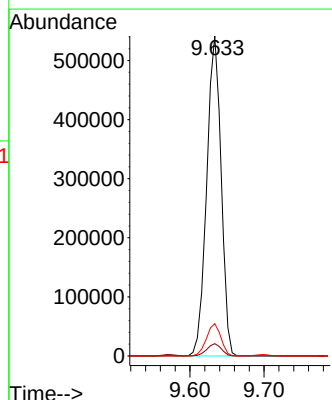
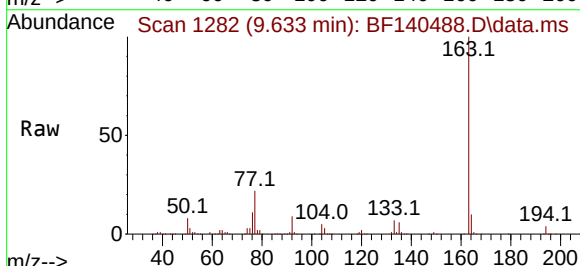
Tgt Ion:163 Resp: 733122

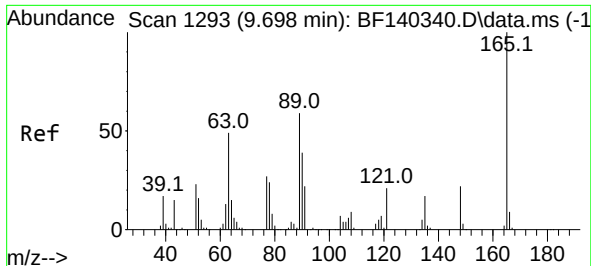
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 42.217 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

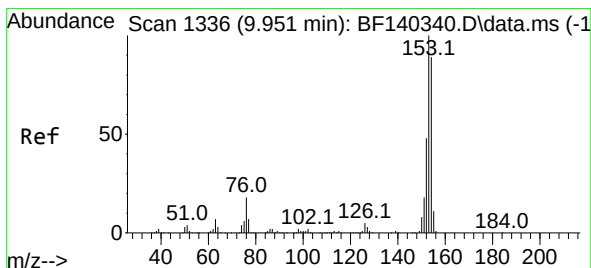
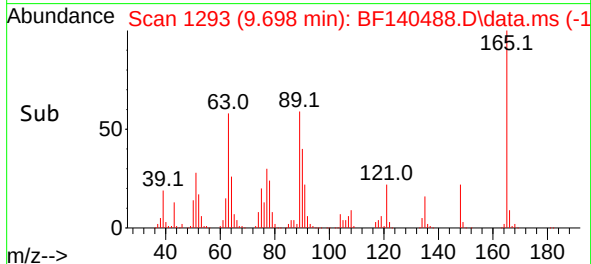
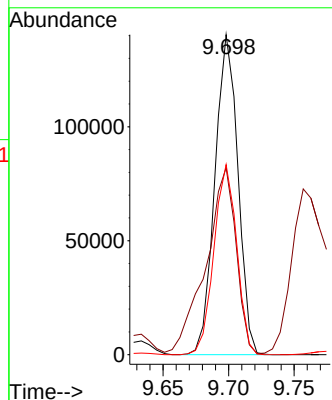
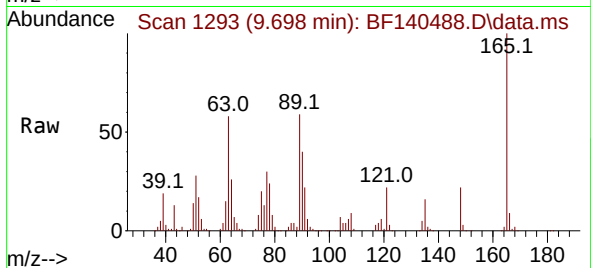
Tgt Ion:165 Resp: 171295

Ion Ratio Lower Upper

165 100

63 58.4 47.6 71.4

89 59.4 48.1 72.1



#52

Acenaphthene

Concen: 39.015 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

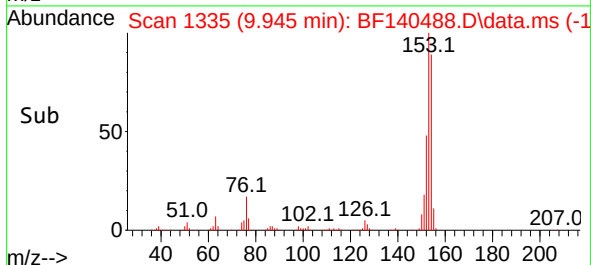
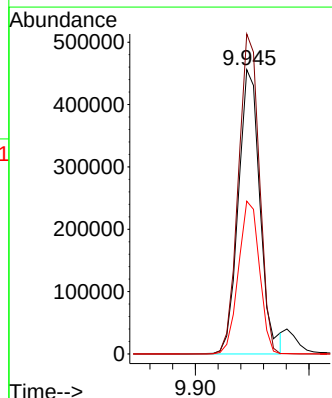
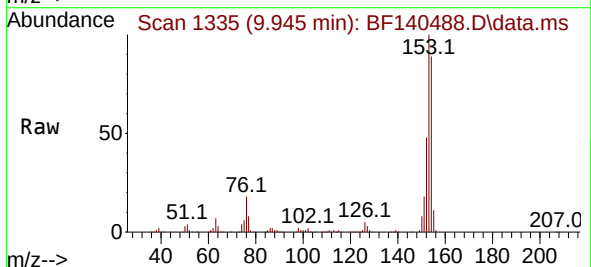
Tgt Ion:154 Resp: 603317

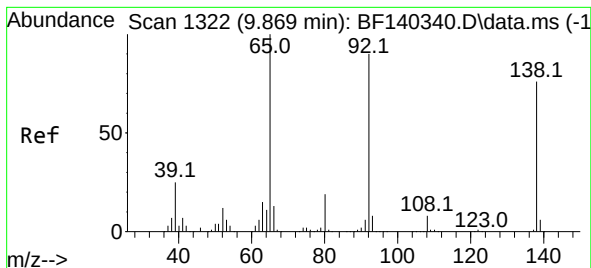
Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.8

152 53.7 42.6 64.0





#53

3-Nitroaniline

Concen: 40.783 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140488.D

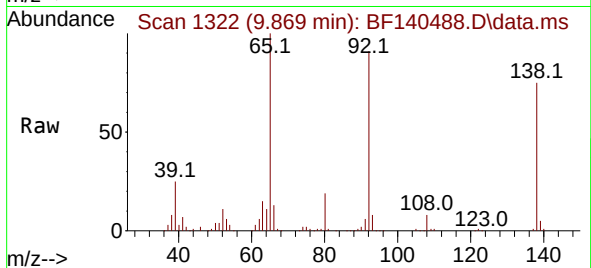
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

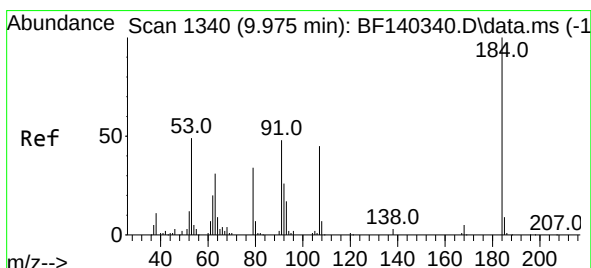
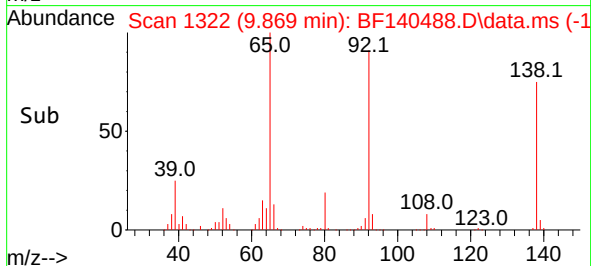
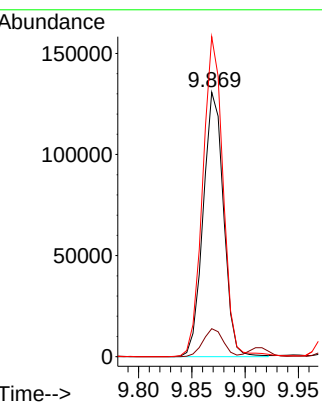
ClientSampleId :

SSTDCCC040



Tgt Ion:138 Resp: 173780

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.4	12.6
92	121.0	95.5	143.3



#54

2,4-Dinitrophenol

Concen: 40.309 ng

RT: 9.980 min Scan# 1341

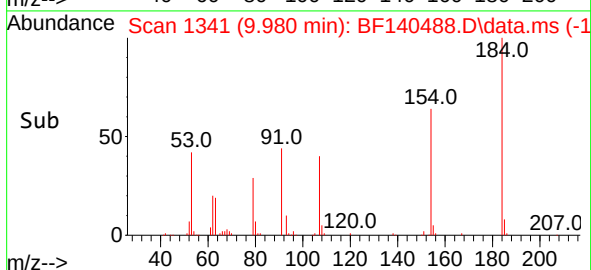
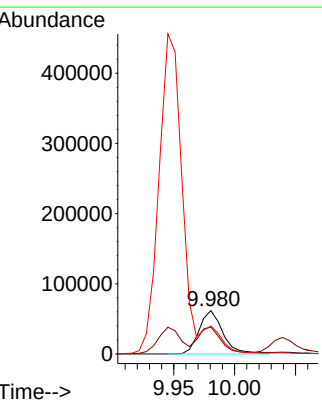
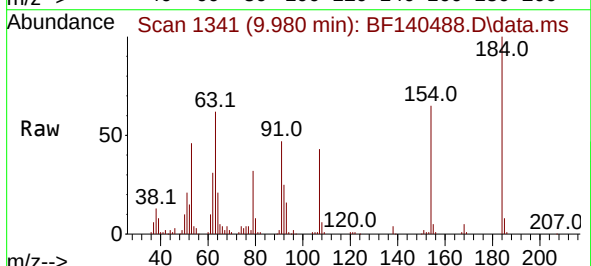
Delta R.T. 0.005 min

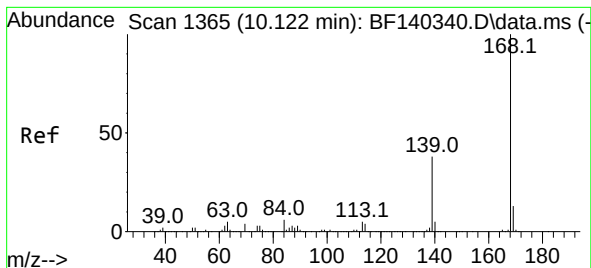
Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Tgt Ion:184 Resp: 84341

Ion	Ratio	Lower	Upper
184	100		
63	62.1	53.5	80.3
154	64.6	51.3	76.9





#55

Dibenzofuran

Concen: 40.855 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

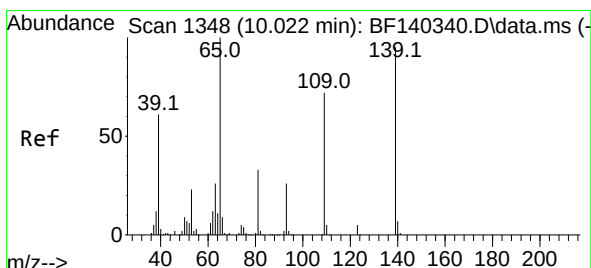
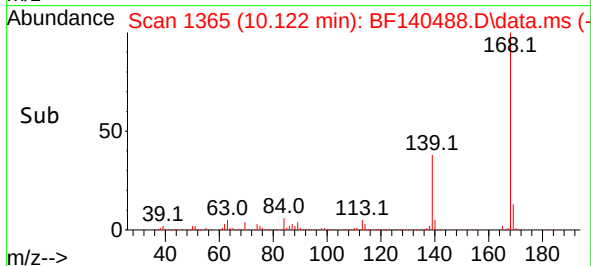
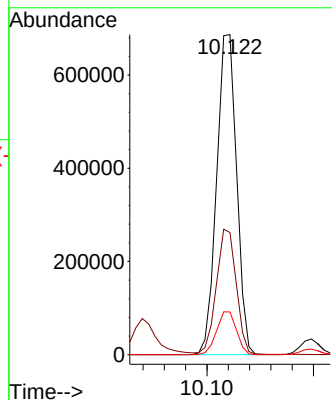
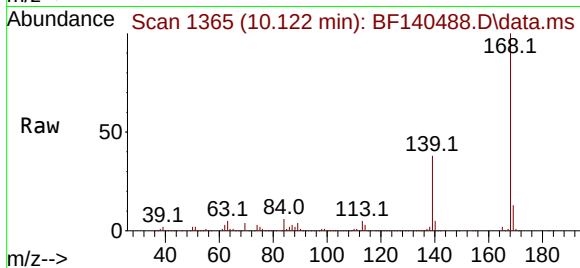
Tgt Ion:168 Resp: 894341

Ion Ratio Lower Upper

168 100

139 38.2 30.8 46.2

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 37.987 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.018 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

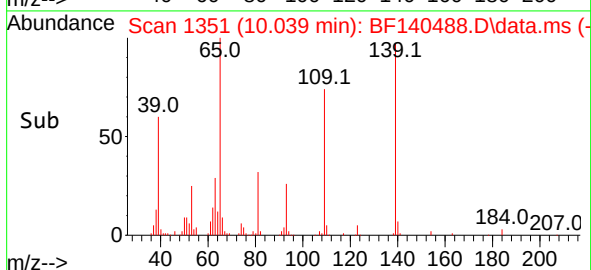
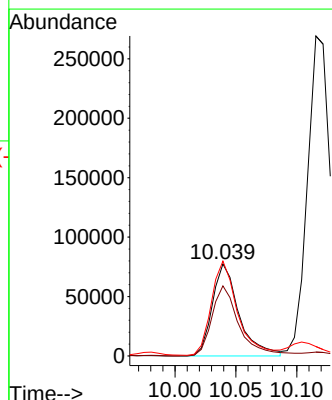
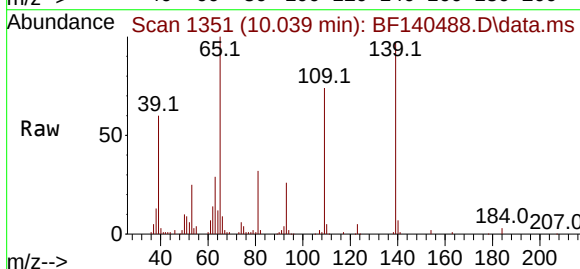
Tgt Ion:139 Resp: 118069

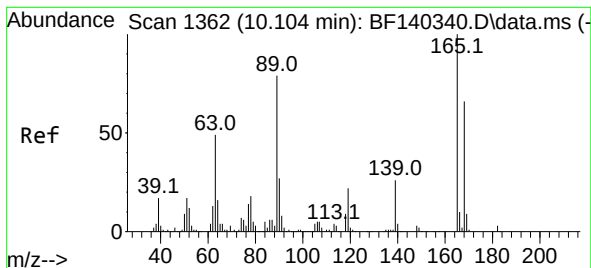
Ion Ratio Lower Upper

139 100

109 76.2 54.5 94.5

65 103.1 84.4 124.4

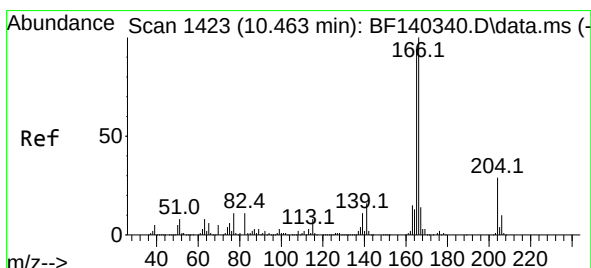
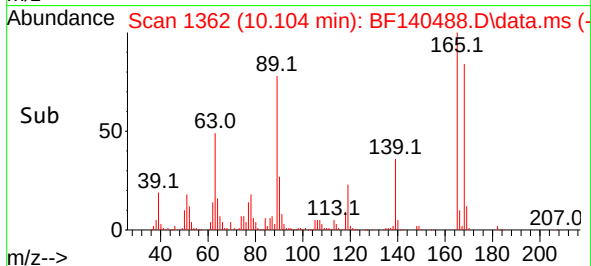
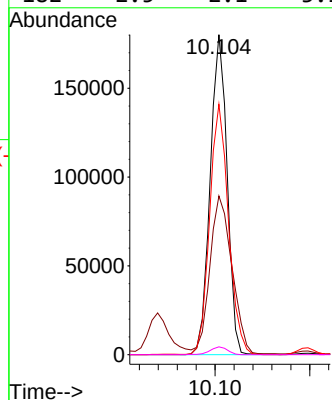
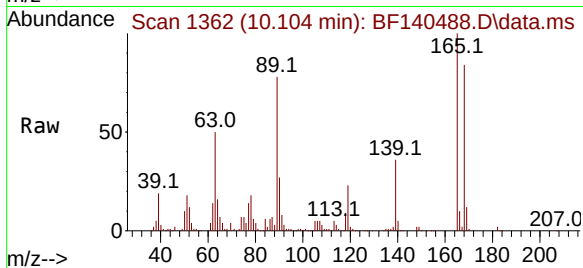




#57
2,4-Dinitrotoluene
Concen: 41.954 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

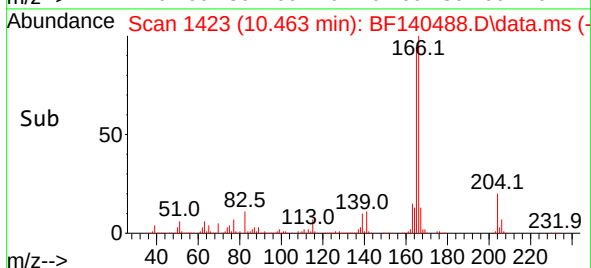
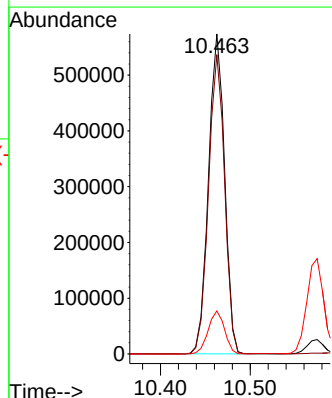
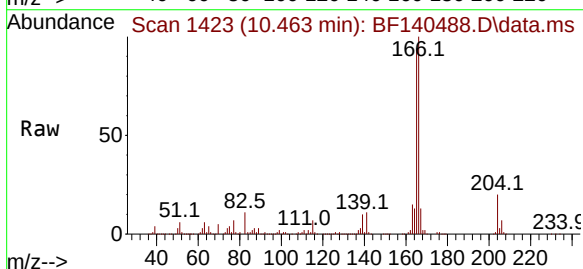
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

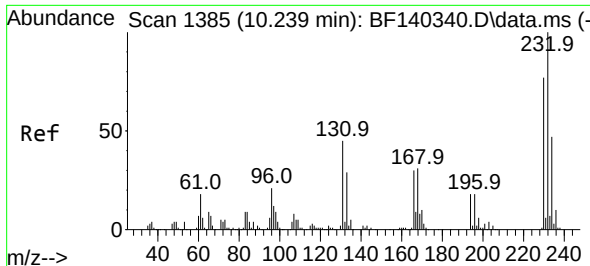
Tgt Ion:	165	Resp:	224038
Ion Ratio	Lower	Upper	
165	100		
63	49.6	39.4	59.0
89	78.3	62.4	93.6
182	2.5	2.1	3.1



#58
Fluorene
Concen: 41.374 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

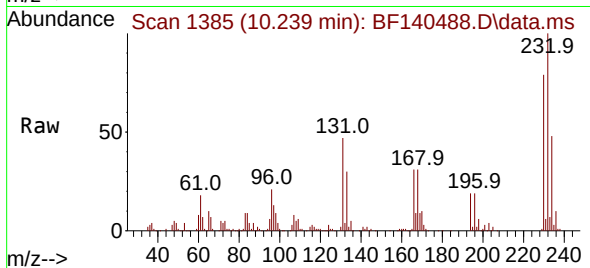
Tgt Ion:	166	Resp:	715498
Ion Ratio	Lower	Upper	
166	100		
165	93.6	73.9	110.9
167	13.5	10.9	16.3



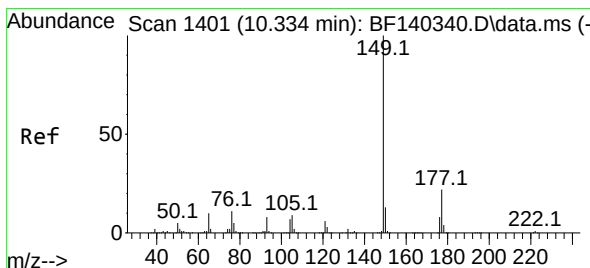
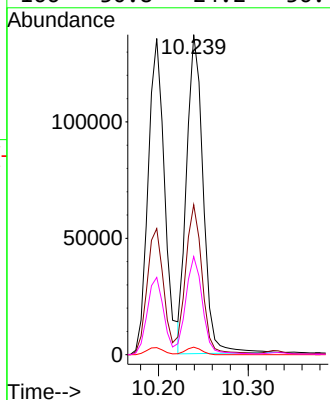
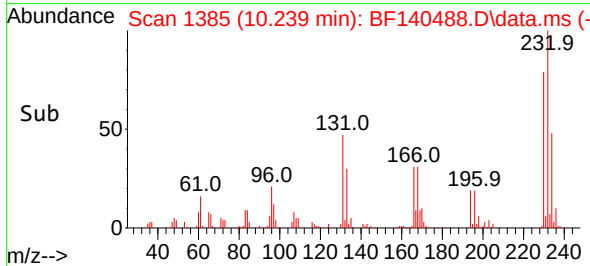


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.969 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

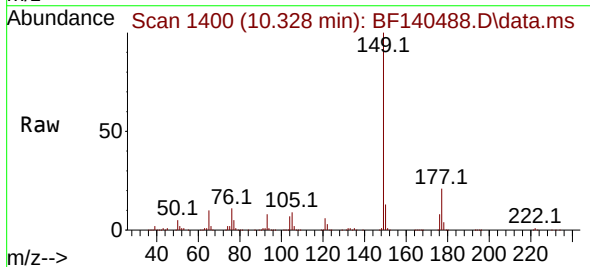
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



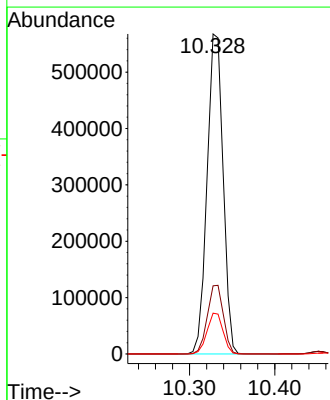
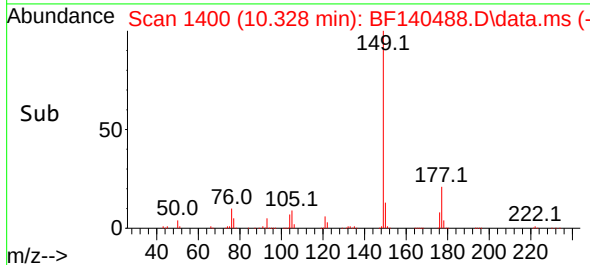
Tgt Ion:232 Resp: 175256
Ion Ratio Lower Upper
232 100
131 47.5 36.8 55.2
130 2.3 1.9 2.9
166 30.8 24.2 36.4

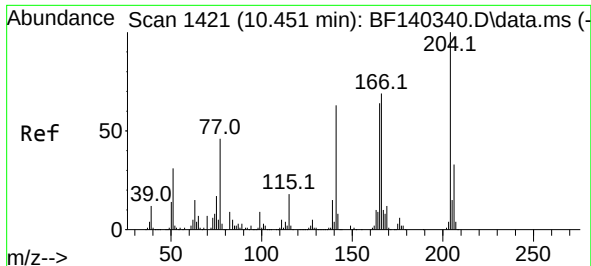


#60
Diethylphthalate
Concen: 40.719 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:149 Resp: 741052
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.8 10.1 15.1

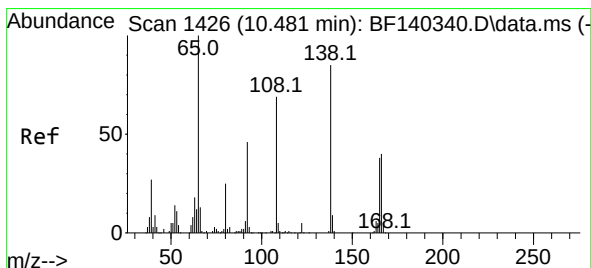
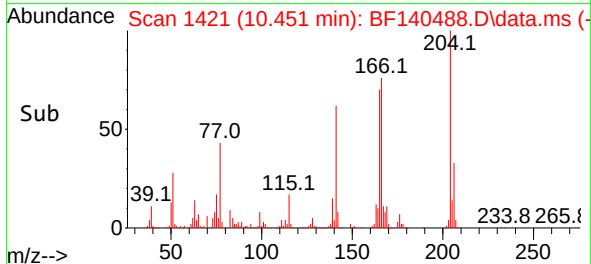
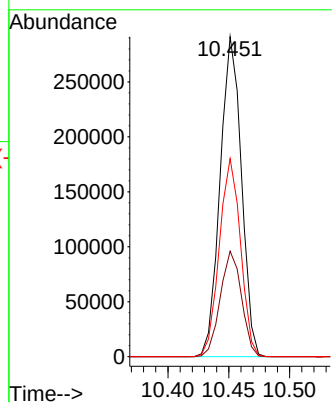
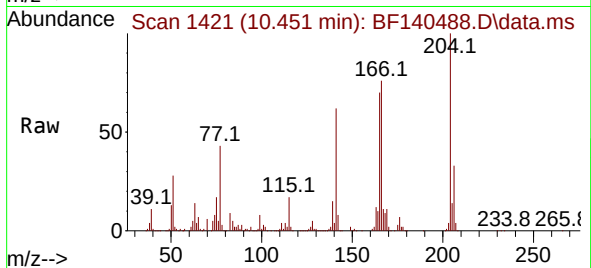




#61
4-Chlorophenyl-phenylether
Concen: 41.564 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

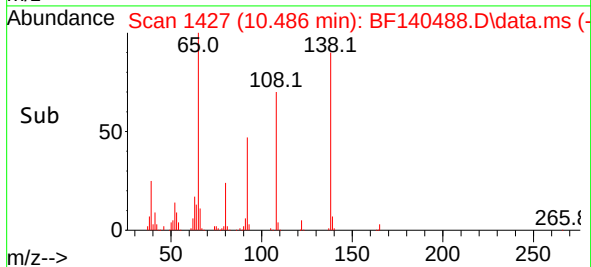
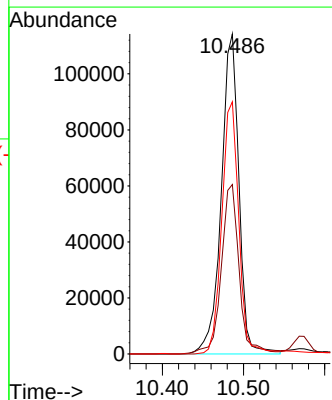
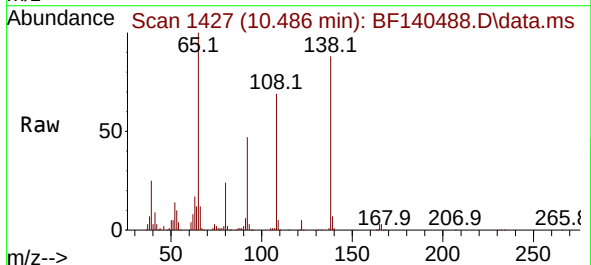
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

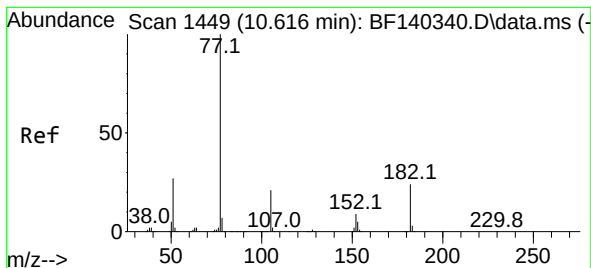
Tgt Ion:204 Resp: 354853
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 61.9 49.8 74.8



#62
4-Nitroaniline
Concen: 39.743 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:138 Resp: 173157
Ion Ratio Lower Upper
138 100
92 53.0 33.8 73.8
108 78.8 59.9 99.9

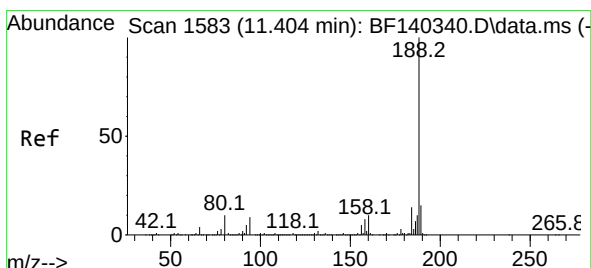
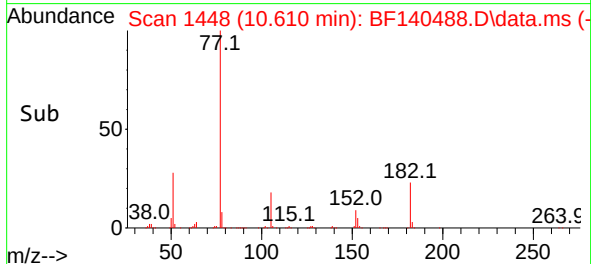
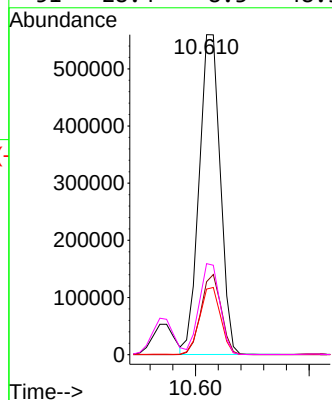
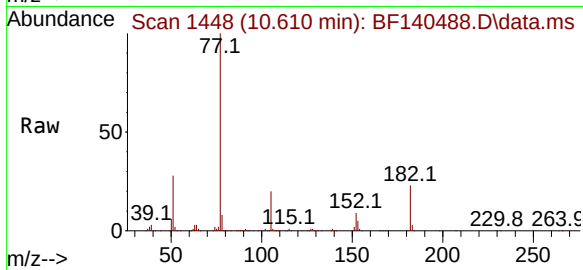




#63
Azobenzene
Concen: 40.162 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

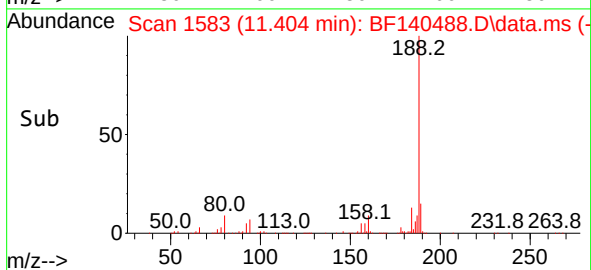
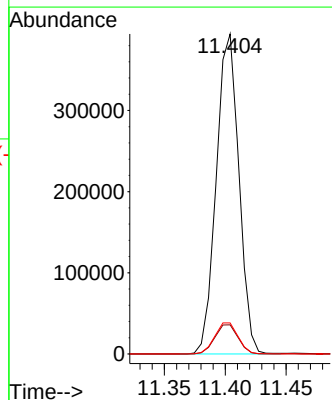
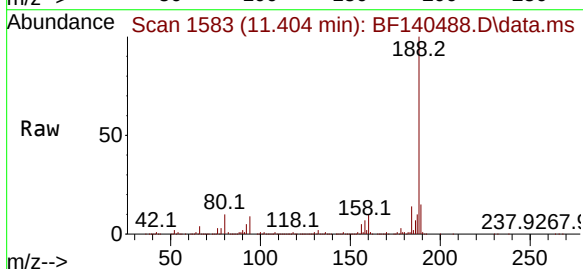
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

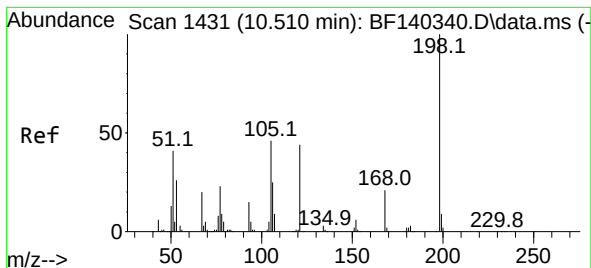
Tgt Ion: 77	Resp: 722195
Ion Ratio	Lower Upper
77 100	
182 22.8	4.6 44.6
105 20.5	0.9 40.9
51 28.4	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:188	Resp: 510213
Ion Ratio	Lower Upper
188 100	
94 9.1	7.6 11.4
80 9.7	8.0 12.0

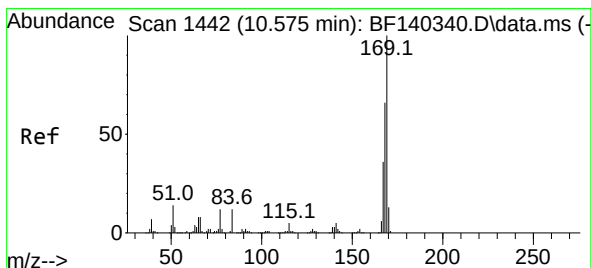
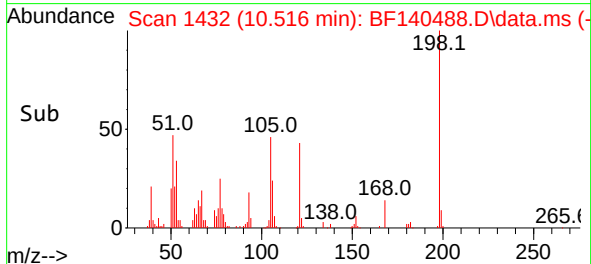
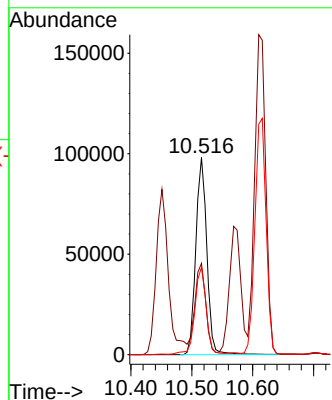
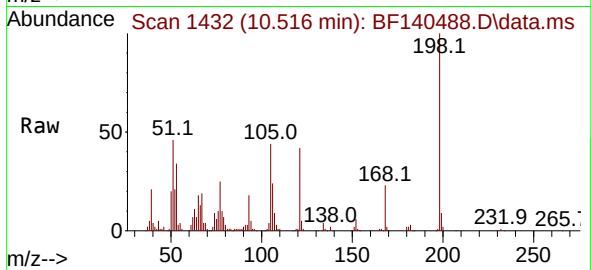




#65
4,6-Dinitro-2-methylphenol
Concen: 45.111 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

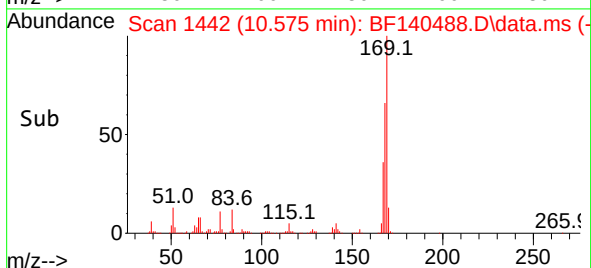
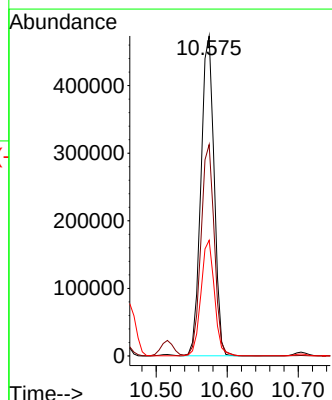
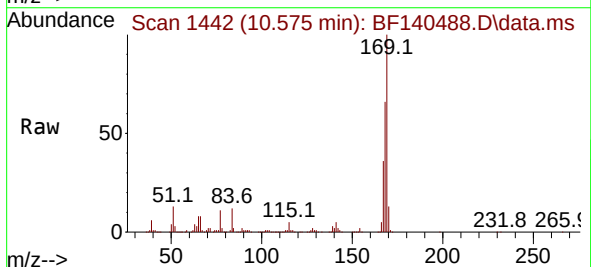
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

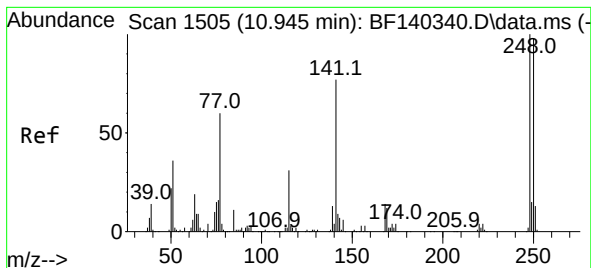
Tgt Ion:198 Resp: 123832
Ion Ratio Lower Upper
198 100
51 46.3 29.7 69.7
105 44.3 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 41.500 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:169 Resp: 611778
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 36.1 29.3 43.9

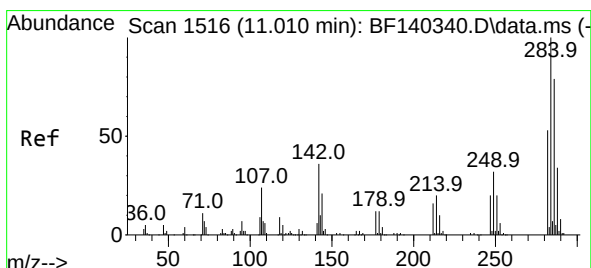
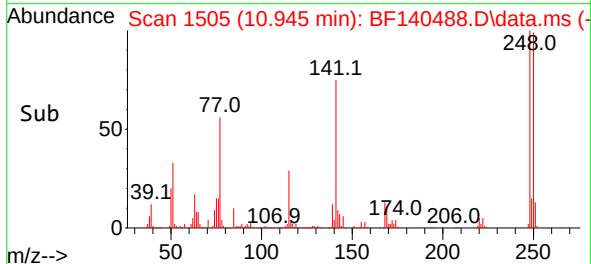
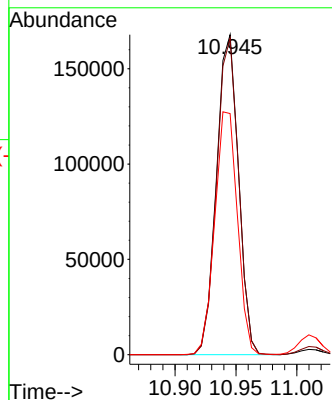
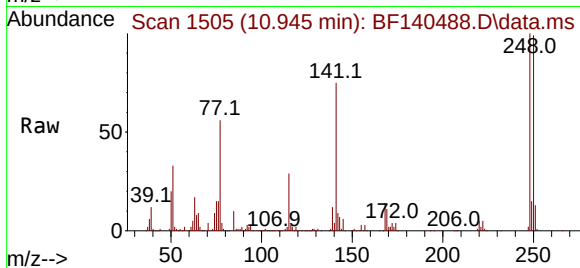




#67
4-Bromophenyl-phenylether
Concen: 41.452 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

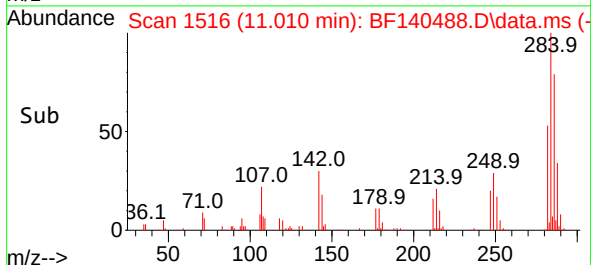
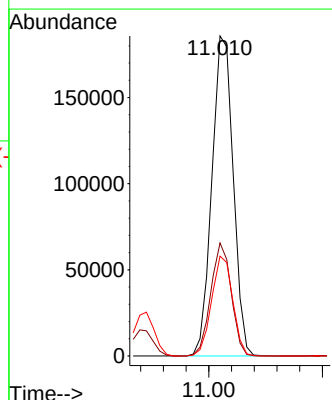
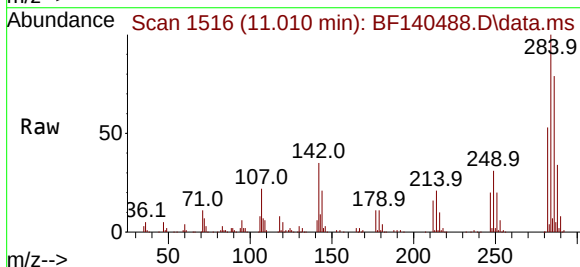
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

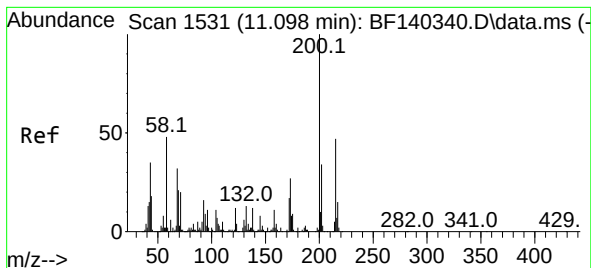
Tgt Ion:248 Resp: 211410
Ion Ratio Lower Upper
248 100
250 98.9 77.9 116.9
141 75.3 61.8 92.6



#68
Hexachlorobenzene
Concen: 42.150 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:284 Resp: 241874
Ion Ratio Lower Upper
284 100
142 35.3 28.1 42.1
249 31.2 24.9 37.3





#69

Atrazine

Concen: 36.762 ng

RT: 11.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

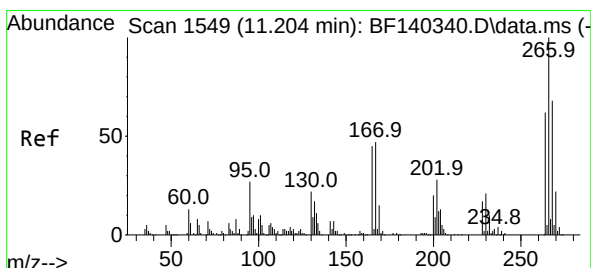
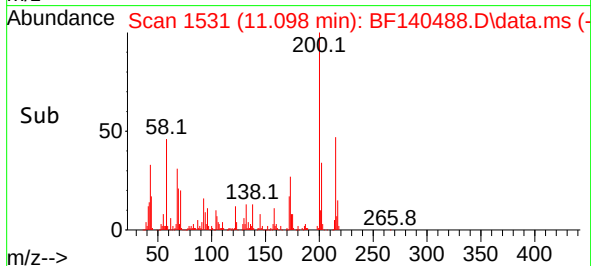
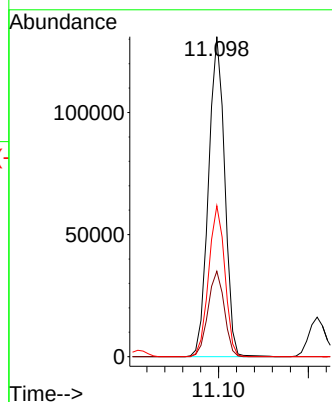
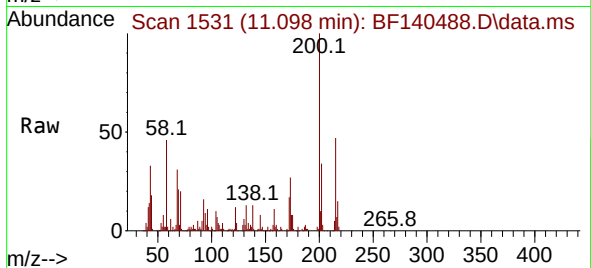
Tgt Ion:200 Resp: 163963

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 40.153 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

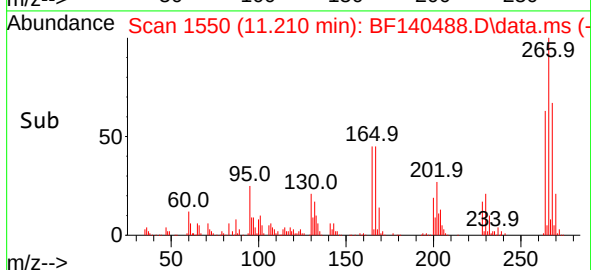
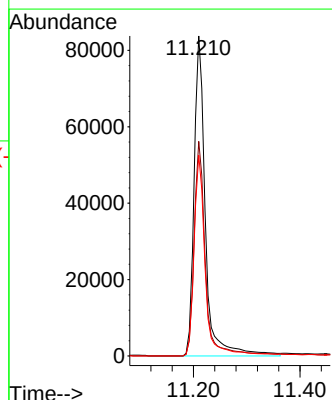
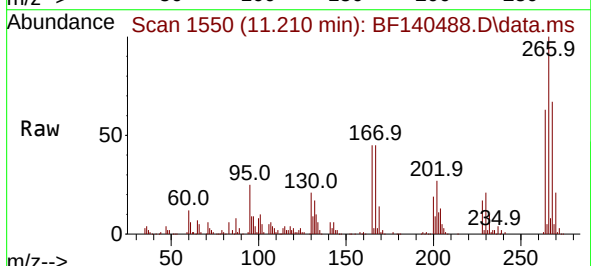
Tgt Ion:266 Resp: 124117

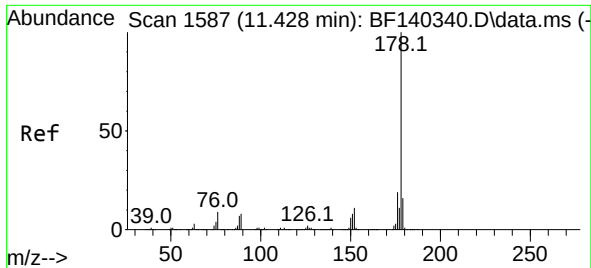
Ion Ratio Lower Upper

266 100

268 67.1 52.9 79.3

264 62.7 50.3 75.5

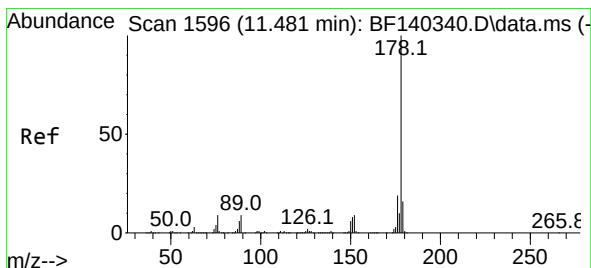
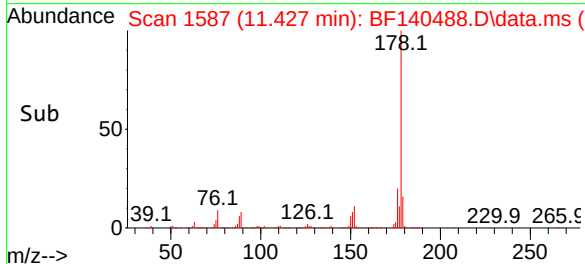
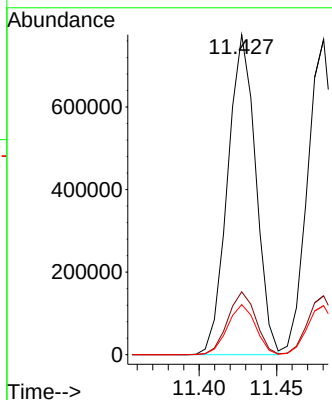
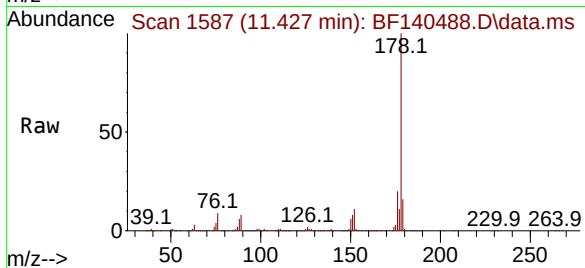




#71
Phenanthrene
Concen: 40.766 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

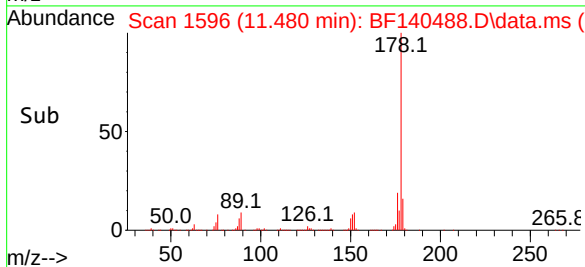
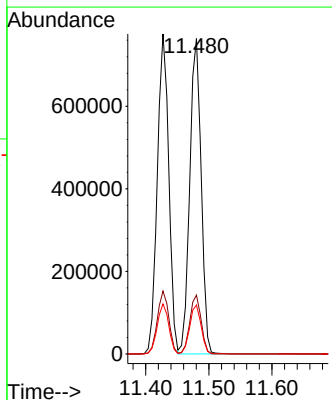
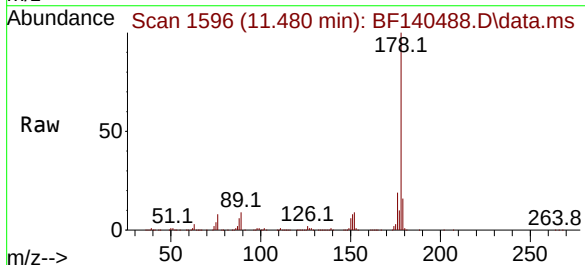
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

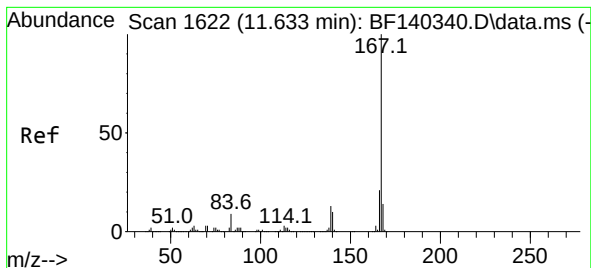
Tgt Ion:178 Resp: 977064
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.4 18.6



#72
Anthracene
Concen: 40.843 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:178 Resp: 959400
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.5 12.6 18.8





#73

Carbazole

Concen: 40.444 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

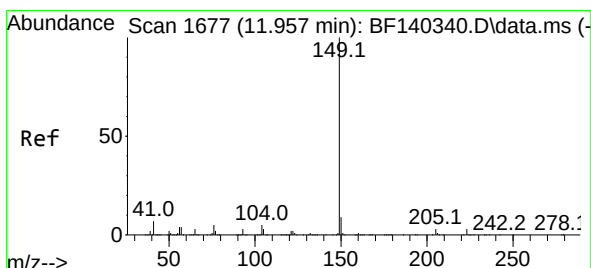
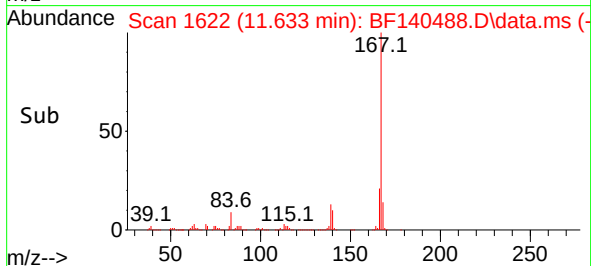
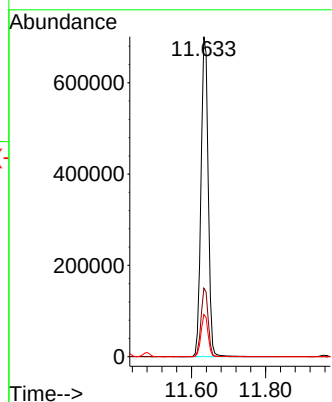
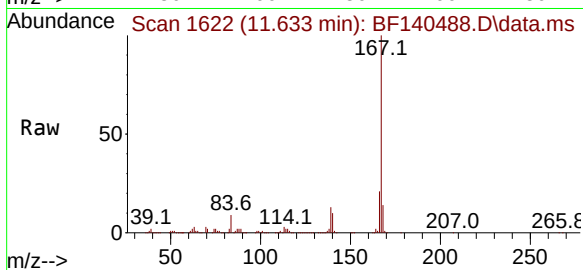
Tgt Ion:167 Resp: 938052

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.2 10.4 15.6



#74

Di-n-butylphthalate

Concen: 40.603 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

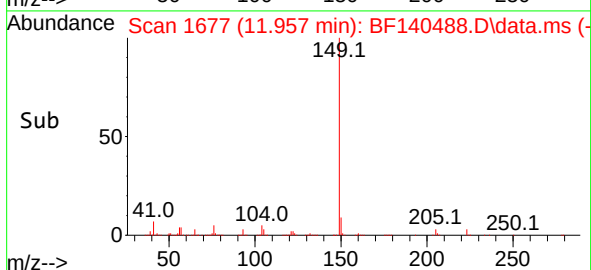
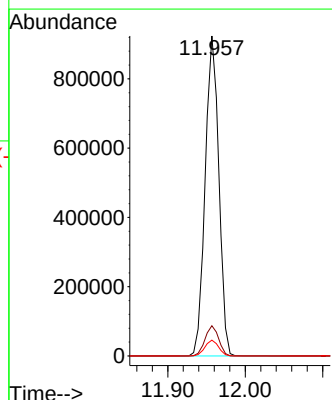
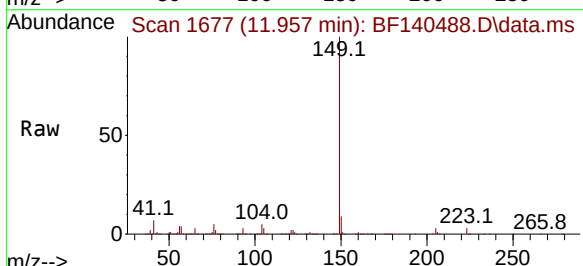
Tgt Ion:149 Resp: 1130305

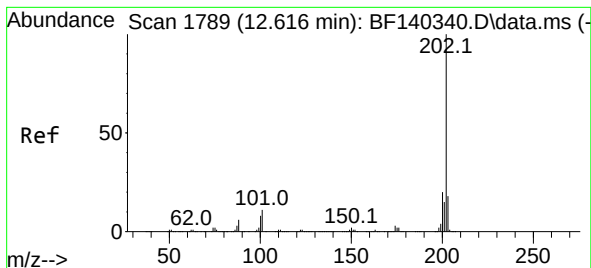
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.0 4.0 6.0

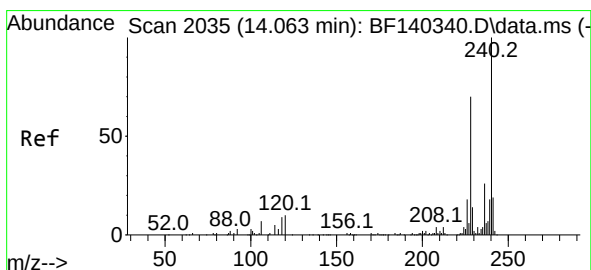
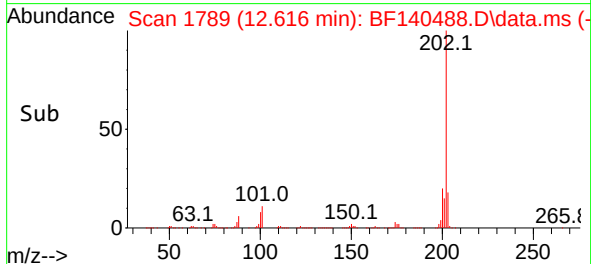
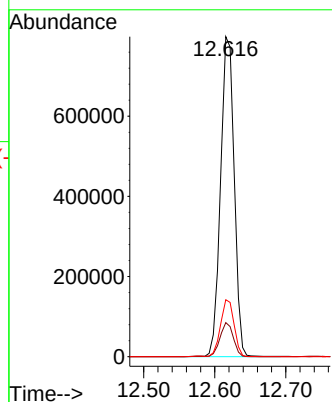
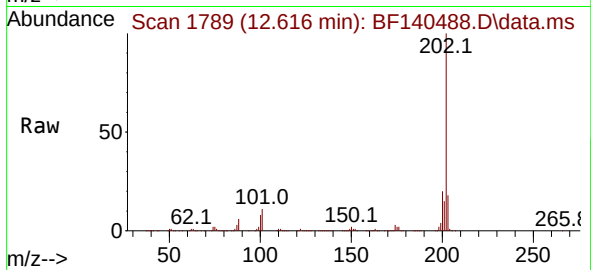




#75
Fluoranthene
Concen: 39.468 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

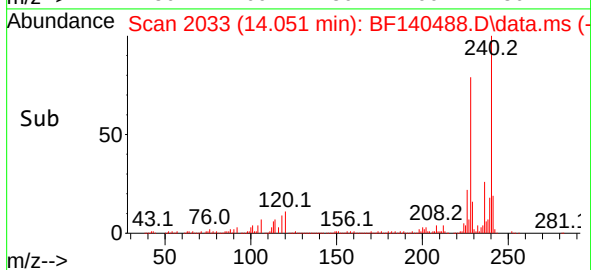
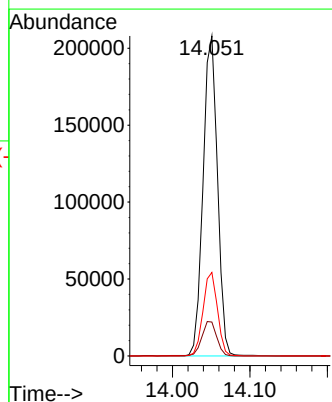
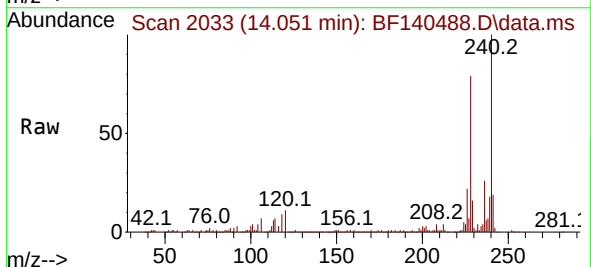
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

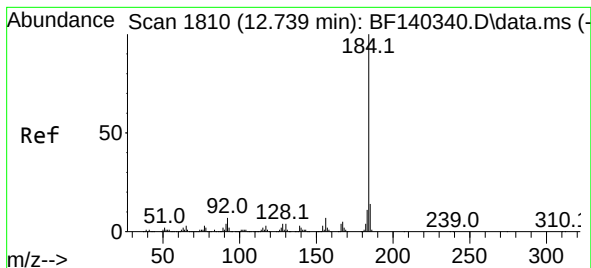
Tgt Ion:202 Resp: 1061273
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:240 Resp: 268548
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 30.014 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

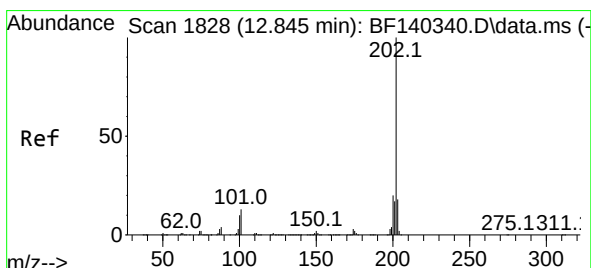
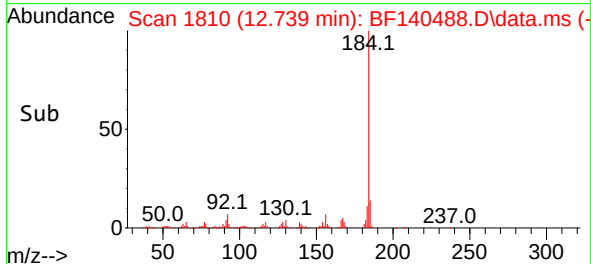
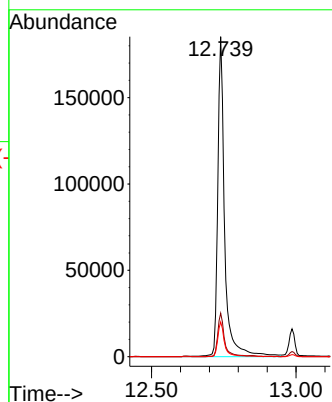
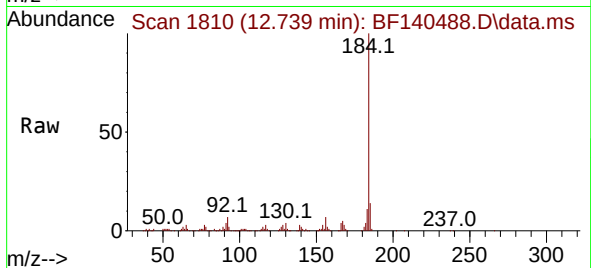
Tgt Ion:184 Resp: 309358

Ion Ratio Lower Upper

184 100

185 13.6 11.9 17.9

183 10.9 8.6 13.0



#78

Pyrene

Concen: 46.608 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

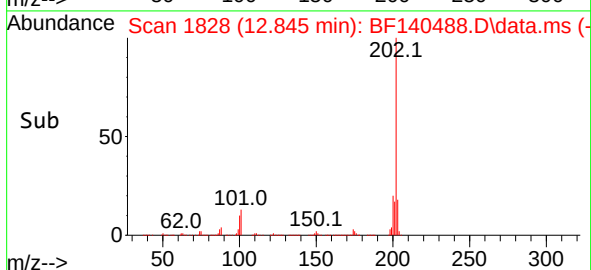
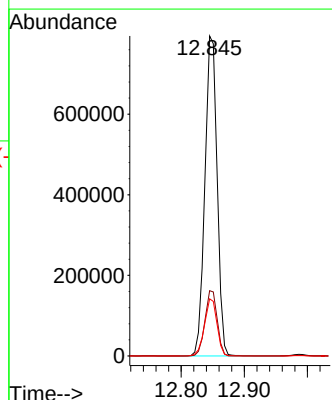
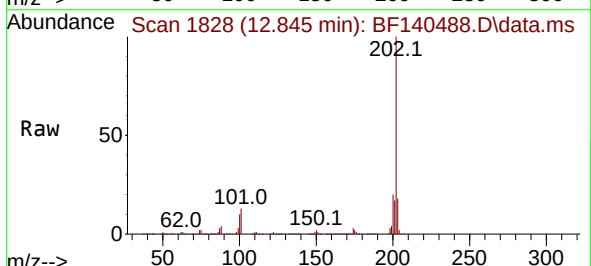
Tgt Ion:202 Resp: 1070626

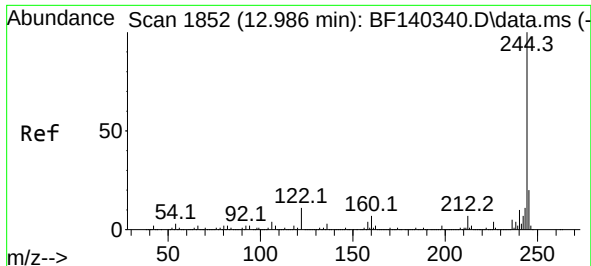
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

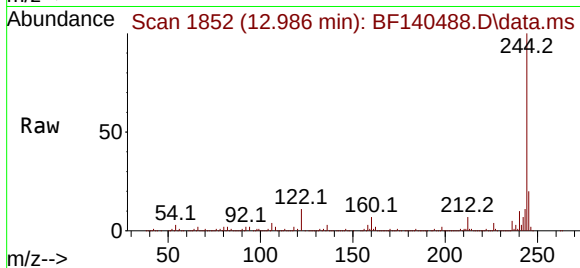
203 17.8 14.2 21.4



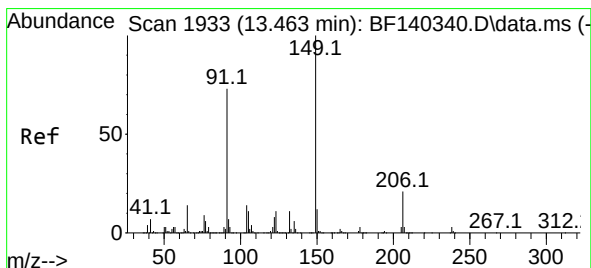
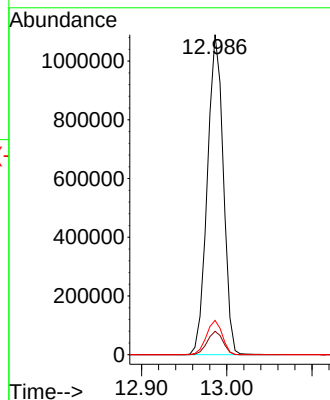
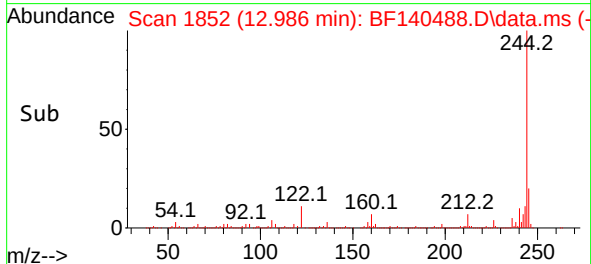


#79
 Terphenyl-d14
 Concen: 91.863 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140488.D
 Acq: 20 Nov 2024 09:31

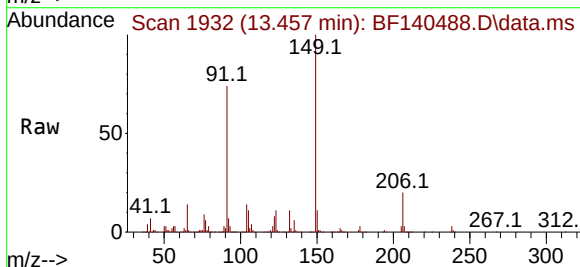
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



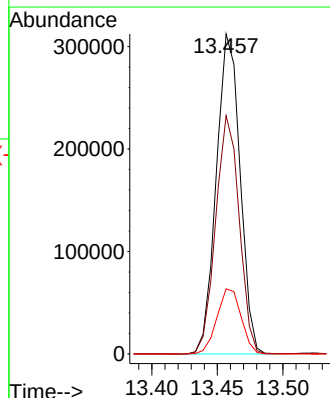
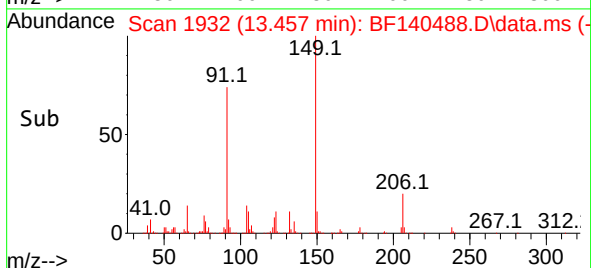
Tgt Ion:244 Resp: 1421238
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.7 8.8 13.2

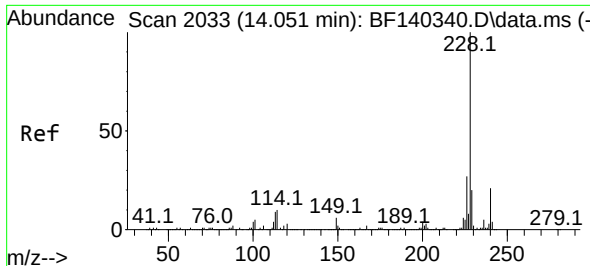


#80
 Butylbenzylphthalate
 Concen: 44.621 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF140488.D
 Acq: 20 Nov 2024 09:31



Tgt Ion:149 Resp: 393746
 Ion Ratio Lower Upper
 149 100
 91 74.5 61.0 91.4
 206 20.4 16.1 24.1

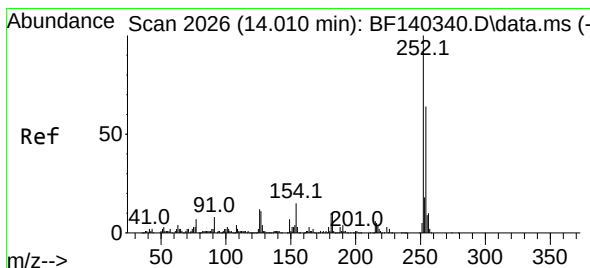
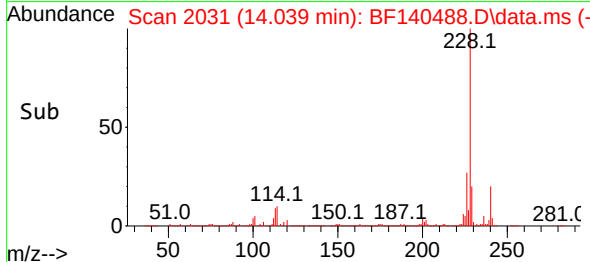
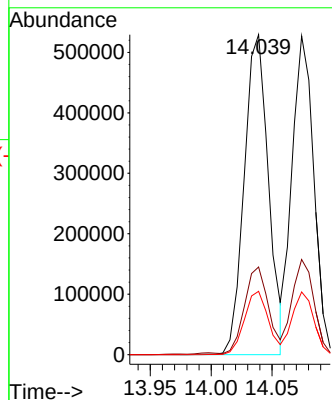
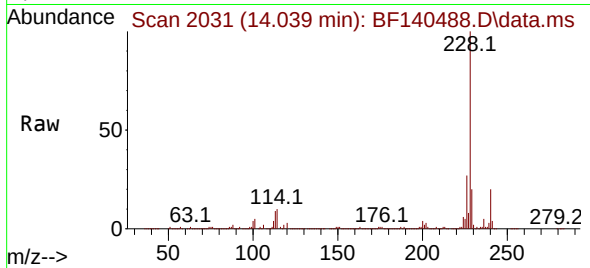




#81
Benzo(a)anthracene
Concen: 41.593 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

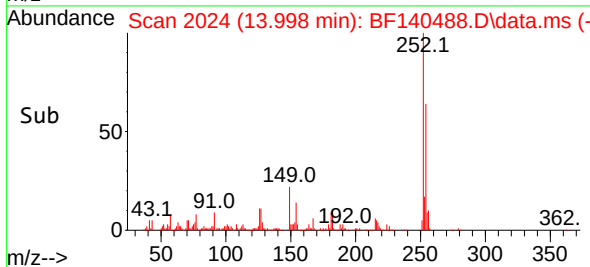
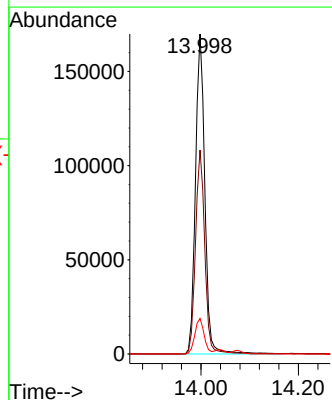
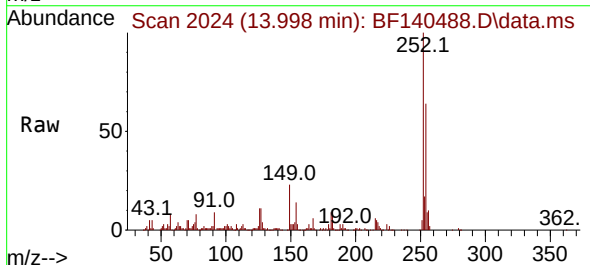
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

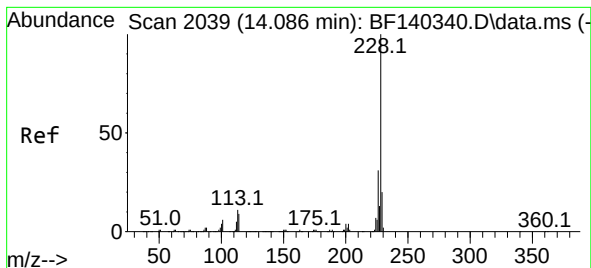
Tgt Ion:228 Resp: 734108
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.709 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:252 Resp: 228373
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.2
126 11.1 9.4 14.0





#83

Chrysene

Concen: 40.986 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

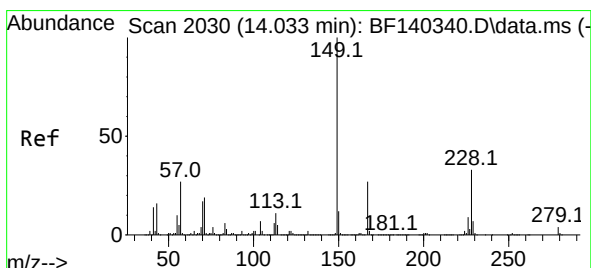
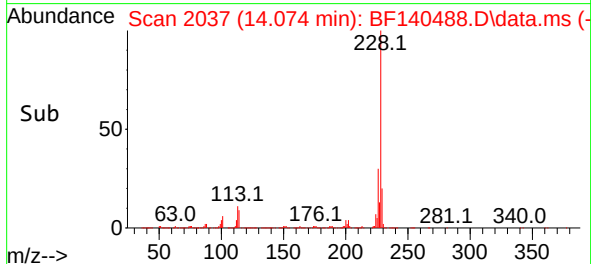
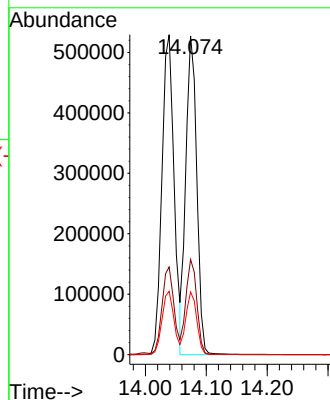
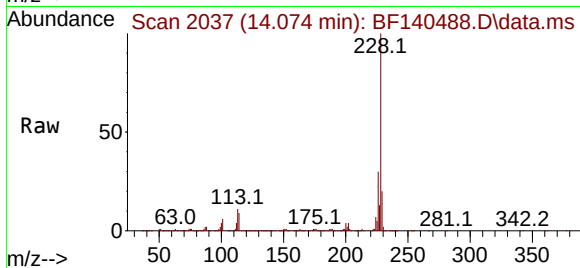
Tgt Ion:228 Resp: 660037

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.823 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

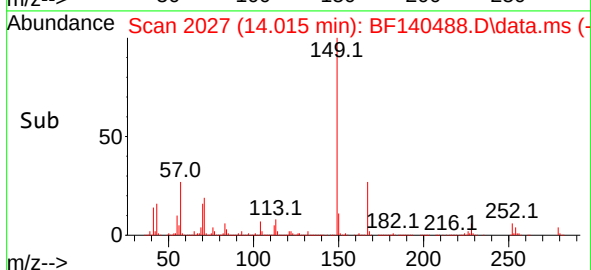
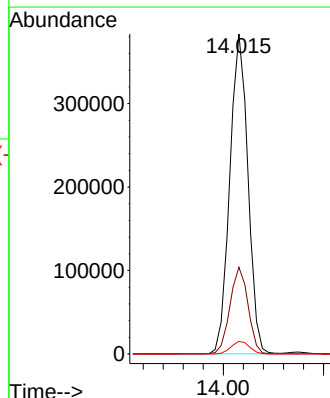
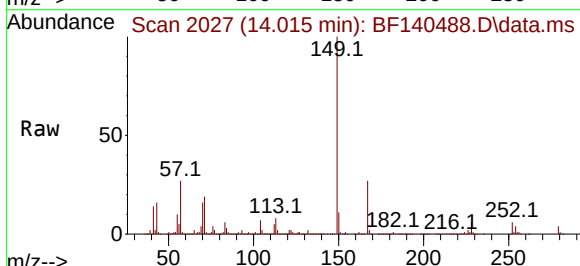
Tgt Ion:149 Resp: 480832

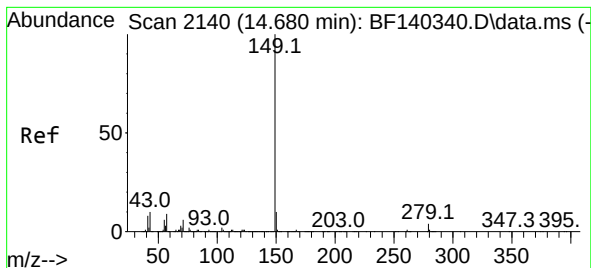
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 38.622 ng

RT: 14.639 min Scan# 2140

Delta R.T. -0.024 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

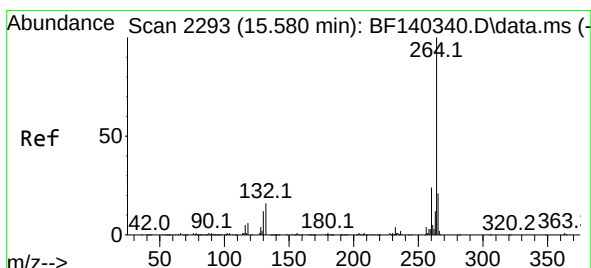
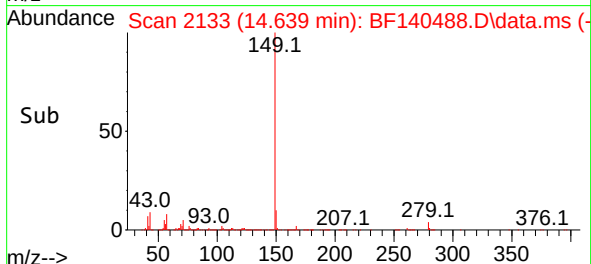
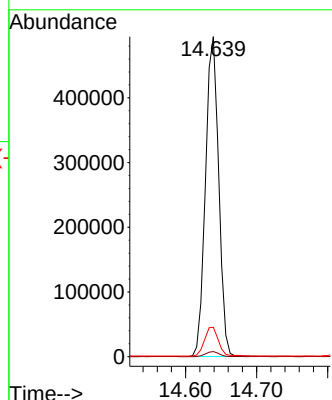
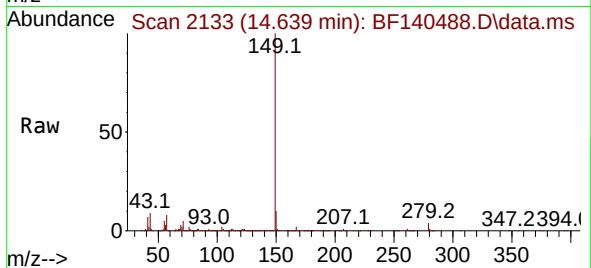
Tgt Ion:149 Resp: 640686

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.6 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.018 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

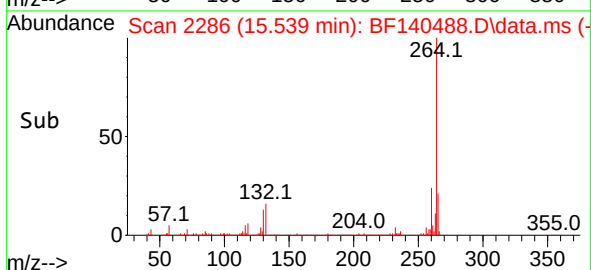
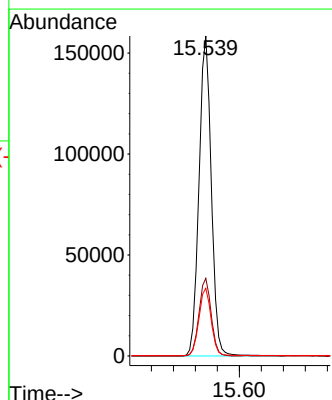
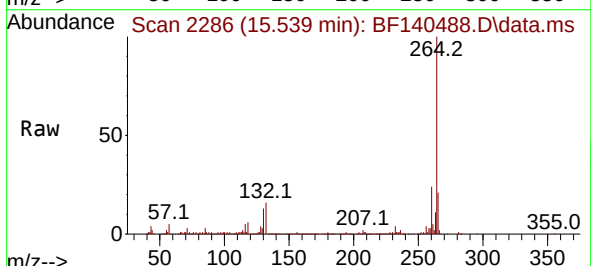
Tgt Ion:264 Resp: 246006

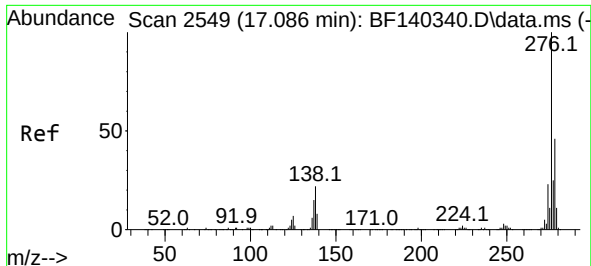
Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.2 17.1 25.7

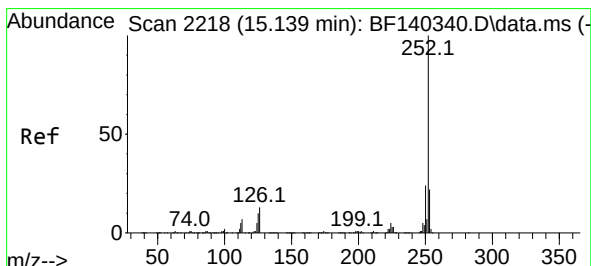
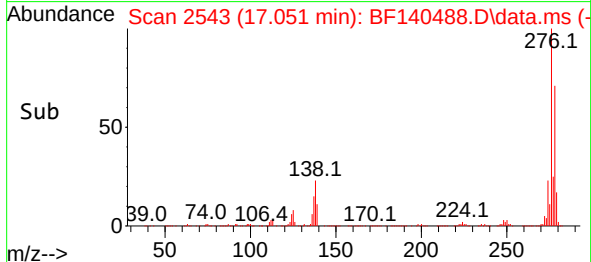
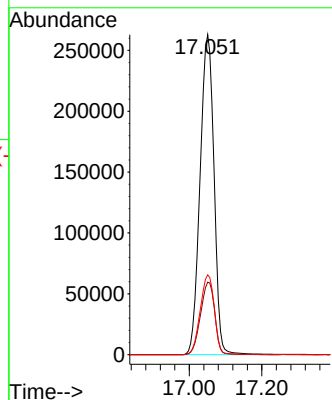
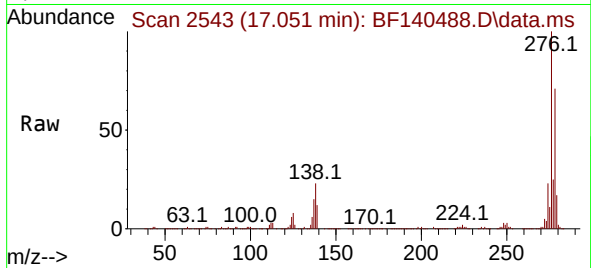




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.248 ng
RT: 17.051 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

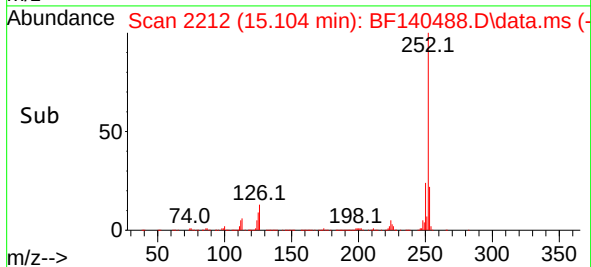
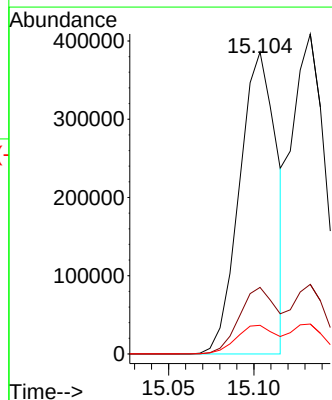
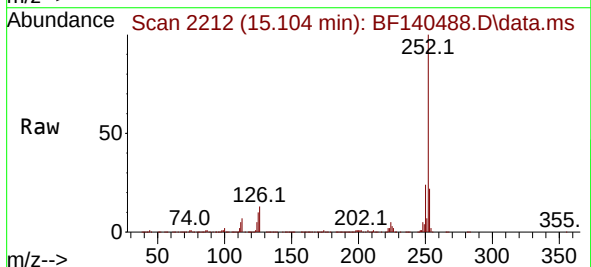
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

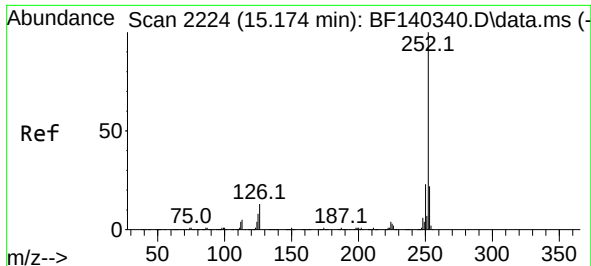
Tgt Ion:276 Resp: 702801
Ion Ratio Lower Upper
276 100
138 23.0 18.8 28.2
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 36.276 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:252 Resp: 583767
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.5 8.0 12.0

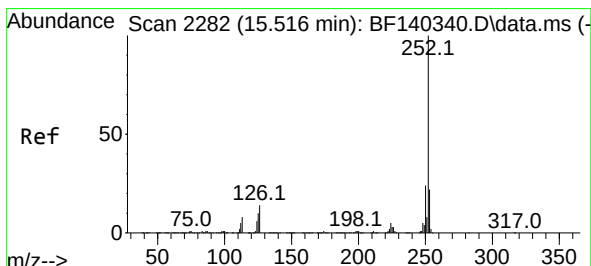
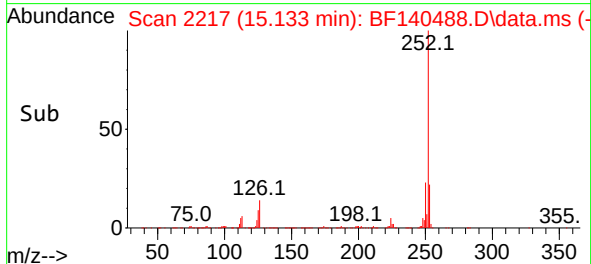
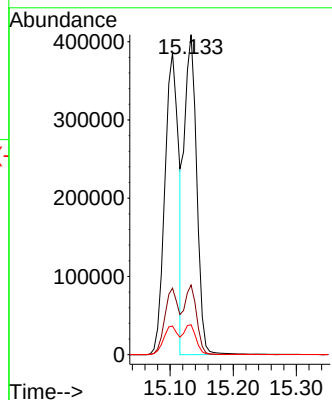
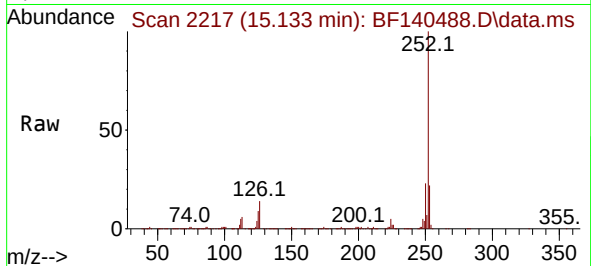




#89
Benzo(k)fluoranthene
Concen: 42.441 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

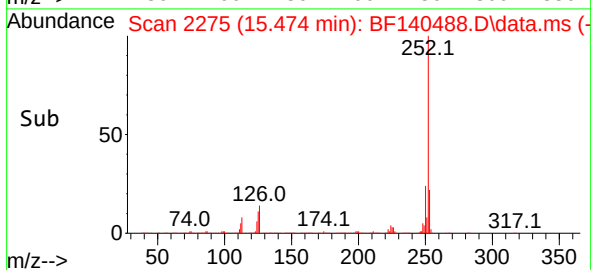
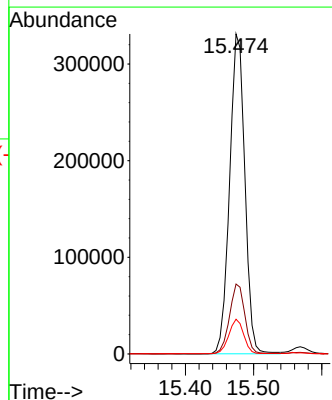
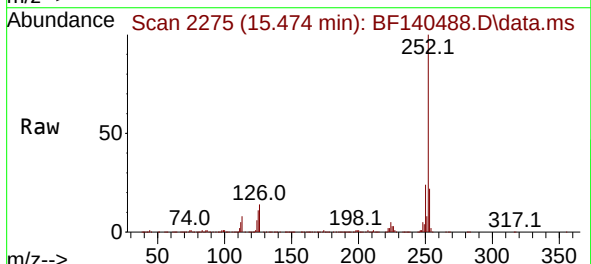
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BNA_F
ClientSampleId :
SSTDCCC040

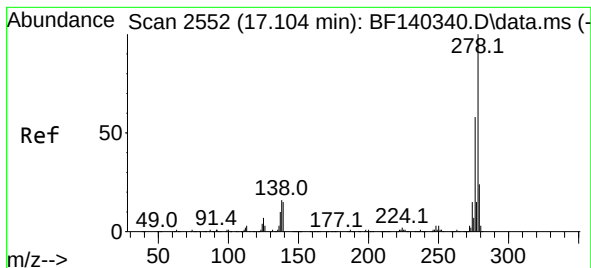
Tgt Ion:252 Resp: 557943
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.217 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.018 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:252 Resp: 515079
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.9 8.4 12.6

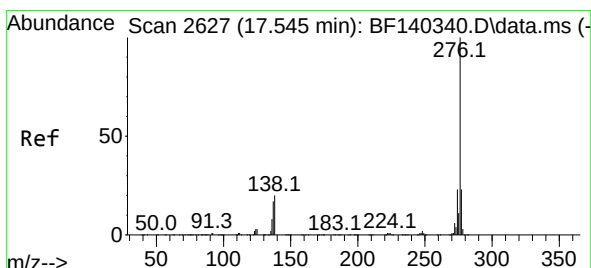
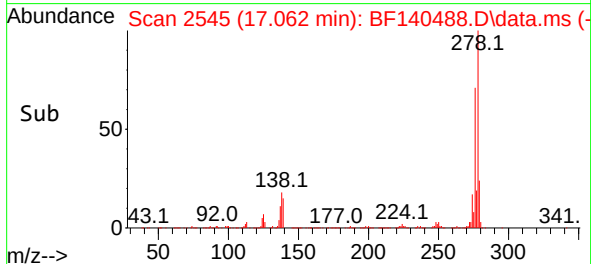
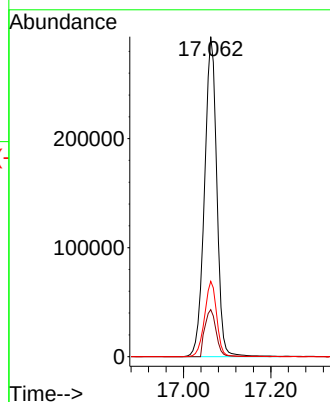
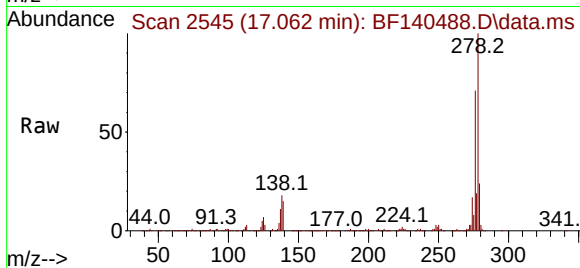




#91
Dibenzo(a,h)anthracene
Concen: 45.817 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

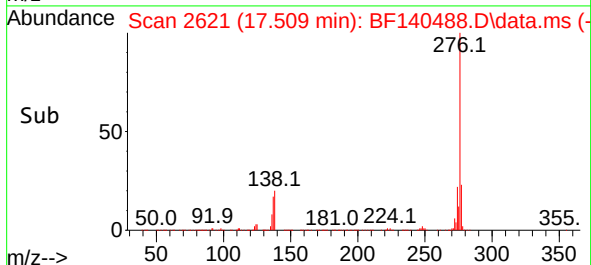
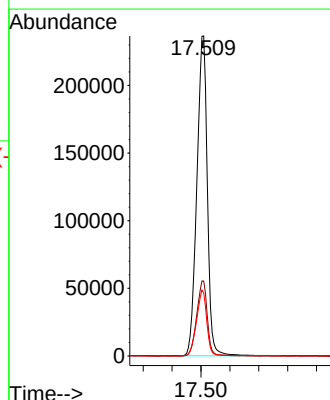
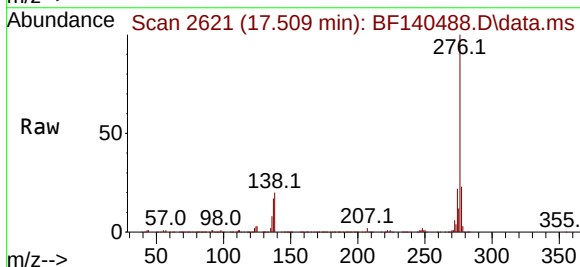
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 575521
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 46.275 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:276 Resp: 594253
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 19.6 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140490.D
 Acq On : 20 Nov 2024 10:23
 Operator : RC/JU
 Sample : PB165039BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BS

Quant Time: Nov 20 11:10:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	123122	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	469130	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	266786	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	499057	20.000	ng	0.00
76) Chrysene-d12	14.057	240	288313	20.000	ng	0.00
86) Perylene-d12	15.569	264	231323	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	873274	121.101	ng	0.02
7) Phenol-d6	6.516	99	1144626	117.158	ng	0.01
23) Nitrobenzene-d5	7.440	82	748263	83.104	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	344061	129.689	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1401959	84.477	ng	0.00
79) Terphenyl-d14	12.986	244	1573985	94.762	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	120086	37.364	ng	99
3) Pyridine	3.493	79	306476	38.788	ng	99
4) n-Nitrosodimethylamine	3.446	42	168551	42.208	ng	99
6) Aniline	6.540	93	334674	39.378	ng	# 59
8) 2-Chlorophenol	6.663	128	351794	45.415	ng	97
9) Benzaldehyde	6.428	77	225132	38.448	ng	97
10) Phenol	6.528	94	444934	43.184	ng	84
11) bis(2-Chloroethyl)ether	6.610	93	339985	43.550	ng	100
12) 1,3-Dichlorobenzene	6.816	146	358353	41.929	ng	99
13) 1,4-Dichlorobenzene	6.893	146	367350	42.389	ng	99
14) 1,2-Dichlorobenzene	7.046	146	353286	43.913	ng	98
15) Benzyl Alcohol	7.016	79	319937	45.452	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	445198	41.286	ng	72
17) 2-Methylphenol	7.134	107	277897	43.611	ng	# 93
18) Hexachloroethane	7.381	117	136773	42.691	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	248880	42.178	ng	99
20) 3+4-Methylphenols	7.287	107	348702	43.757	ng	96
22) Acetophenone	7.281	105	462395	42.379	ng	98
24) Nitrobenzene	7.457	77	385664	41.139	ng	99
25) Isophorone	7.693	82	691142	43.311	ng	100
26) 2-Nitrophenol	7.769	139	185887	44.684	ng	98
27) 2,4-Dimethylphenol	7.810	122	287663	54.012	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	423430	43.274	ng	100
29) 2,4-Dichlorophenol	8.016	162	294883	44.800	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	303866	41.465	ng	99
31) Naphthalene	8.175	128	1021057	42.905	ng	100
32) Benzoic acid	7.940	122	196648	41.961	ng	97
33) 4-Chloroaniline	8.228	127	187809	22.692	ng	98
34) Hexachlorobutadiene	8.293	225	198317	42.474	ng	99
35) Caprolactam	8.592	113	68172	31.161	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	326768	44.797	ng	99
37) 2-Methylnaphthalene	8.869	142	670405	43.933	ng	100
38) 1-Methylnaphthalene	8.969	142	621859	41.615	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	316611	42.916	ng	99
41) Hexachlorocyclopentadiene	9.016	237	296374	156.464	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	213600	44.118	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
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 Acq On : 20 Nov 2024 10:23
 Operator : RC/JU
 Sample : PB165039BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BS

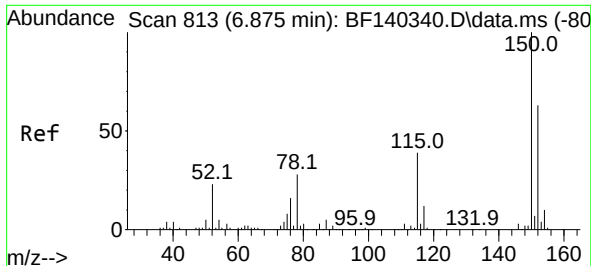
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	225620	42.623	ng	98
46) 1,1'-Biphenyl	9.334	154	831455	42.839	ng	99
47) 2-Chloronaphthalene	9.357	162	619595	41.908	ng	99
48) 2-Nitroaniline	9.457	65	213573	43.558	ng	99
49) Acenaphthylene	9.775	152	1032642	46.164	ng	100
50) Dimethylphthalate	9.634	163	767413	44.131	ng	100
51) 2,6-Dinitrotoluene	9.698	165	169885	42.853	ng	96
52) Acenaphthene	9.945	154	631395	41.790	ng	100
53) 3-Nitroaniline	9.869	138	119399	28.679	ng	98
54) 2,4-Dinitrophenol	9.981	184	182599	89.319	ng	99
55) Dibenzofuran	10.122	168	945064	44.186	ng	99
56) 4-Nitrophenol	10.045	139	247829	81.609	ng	98
57) 2,4-Dinitrotoluene	10.104	165	224954	43.116	ng	98
58) Fluorene	10.463	166	730865	43.256	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	189017	45.224	ng	99
60) Diethylphthalate	10.334	149	766473	43.105	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	361576	43.346	ng	99
62) 4-Nitroaniline	10.486	138	178376	41.903	ng	100
63) Azobenzene	10.610	77	752699	42.842	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	127111	47.340	ng	97
66) n-Nitrosodiphenylamine	10.575	169	647570	44.909	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	219858	44.072	ng	98
68) Hexachlorobenzene	11.010	284	248327	44.242	ng	99
69) Atrazine	11.098	200	215817	49.470	ng	99
70) Pentachlorophenol	11.210	266	254817	84.279	ng	98
71) Phenanthrene	11.428	178	1042842	44.483	ng	100
72) Anthracene	11.481	178	1077211	46.884	ng	100
73) Carbazole	11.633	167	988923	43.591	ng	100
74) Di-n-butylphthalate	11.957	149	1206217	44.299	ng	100
75) Fluoranthene	12.616	202	1154082	43.879	ng	99
77) Benzidine	12.739	184	262307	23.705	ng	99
78) Pyrene	12.845	202	1156753	46.905	ng	99
80) Butylbenzylphthalate	13.457	149	457787	48.322	ng	99
81) Benzo(a)anthracene	14.045	228	887946	46.861	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	173127	28.745	ng	99
83) Chrysene	14.086	228	759099	43.906	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	593875	46.964	ng	99
85) Di-n-octyl phthalate	14.663	149	793712	44.567	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	721322	50.479	ng	100
88) Benzo(b)fluoranthene	15.127	252	644433	42.587	ng	100
89) Benzo(k)fluoranthene	15.163	252	571544	46.235	ng	100
90) Benzo(a)pyrene	15.504	252	573657	48.818	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	591563	50.083	ng	100
92) Benzo(g,h,i)perylene	17.539	276	560505	46.417	ng	99

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

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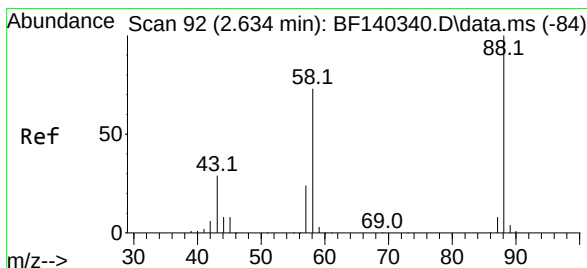
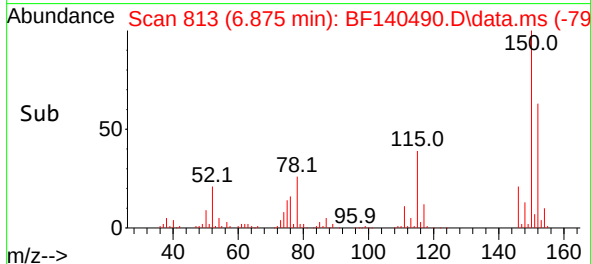
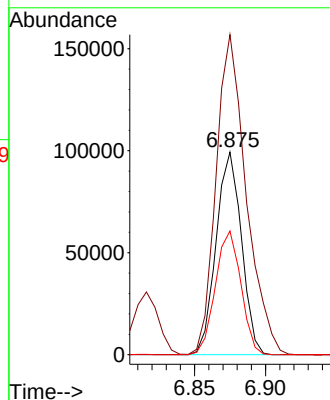
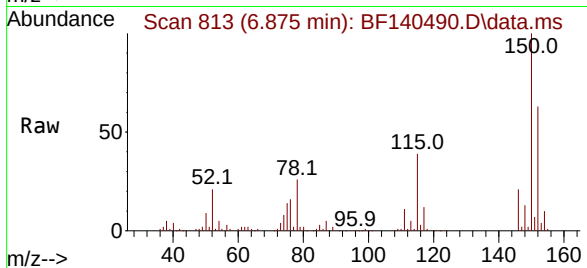
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140490.D
 Acq: 20 Nov 2024 10:23

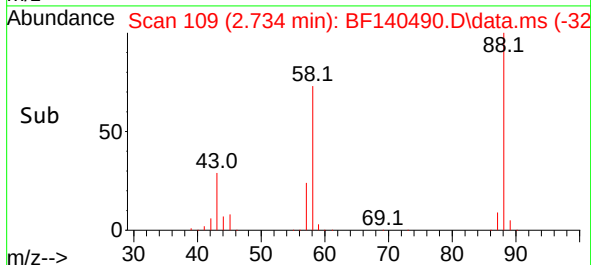
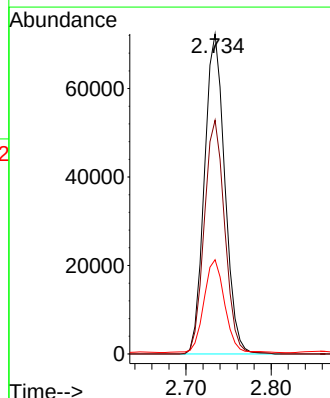
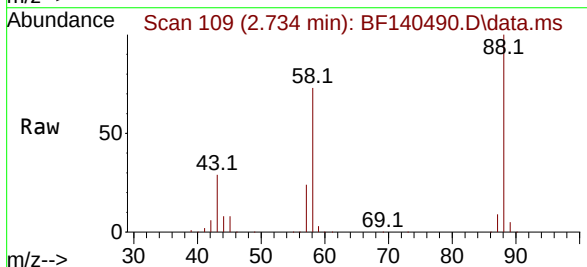
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 ClientSampleId :
 PB165039BS

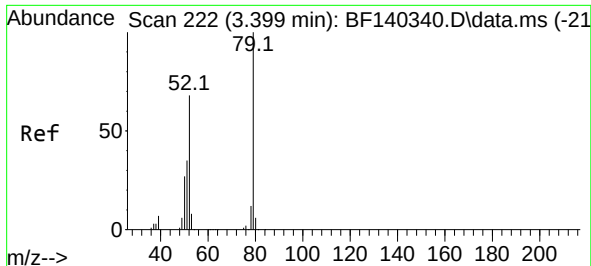
Tgt Ion:152 Resp: 123122
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.4 191.0
 115 61.1 47.4 71.2



#2
 1,4-Dioxane
 Concen: 37.364 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF140490.D
 Acq: 20 Nov 2024 10:23

Tgt Ion: 88 Resp: 120086
 Ion Ratio Lower Upper
 88 100
 58 73.6 59.5 89.3
 43 29.6 23.4 35.2

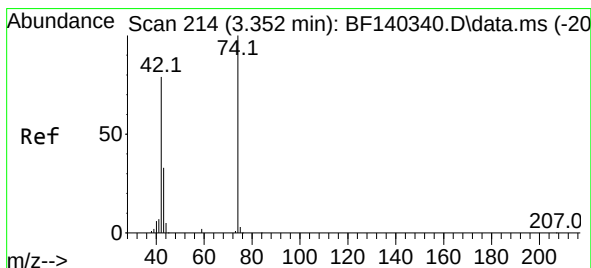
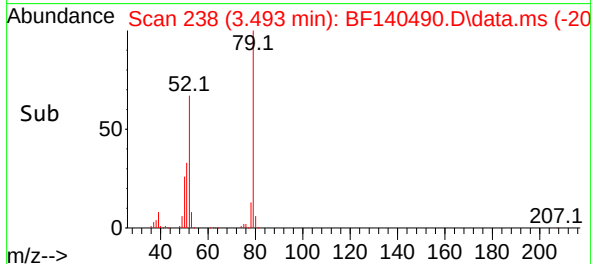
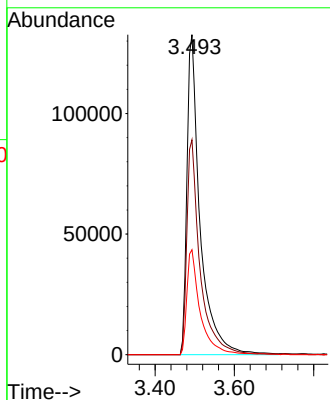
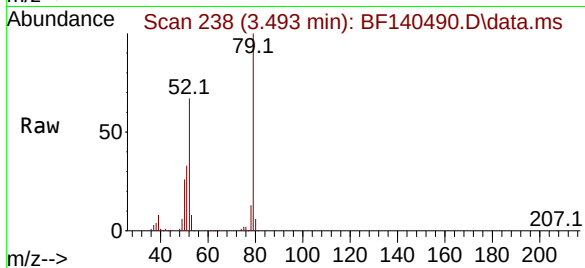




#3
Pyridine
Concen: 38.788 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

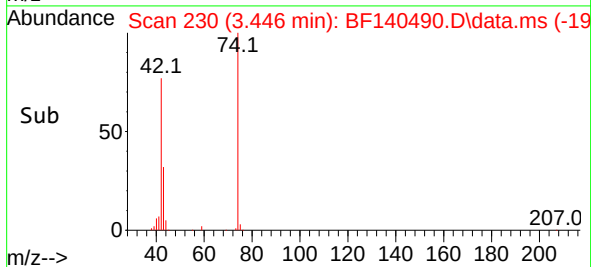
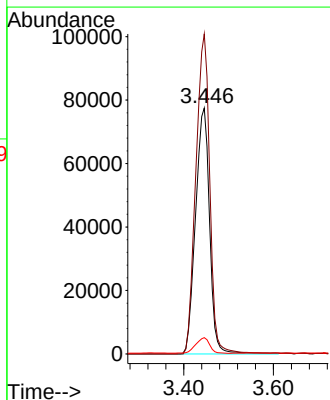
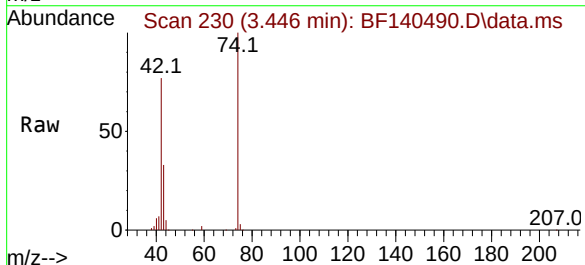
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ClientSampleId :
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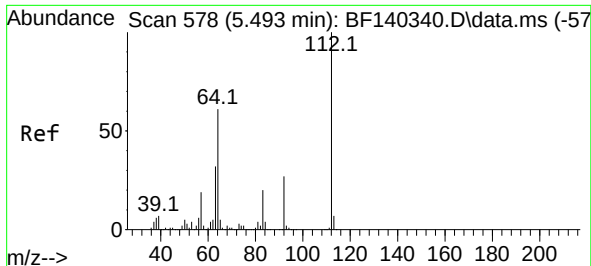
Tgt Ion: 79 Resp: 306476
Ion Ratio Lower Upper
79 100
52 67.2 53.8 80.6
51 32.8 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 42.208 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.088 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 42 Resp: 168551
Ion Ratio Lower Upper
42 100
74 130.1 103.5 155.3
44 6.7 5.1 7.7

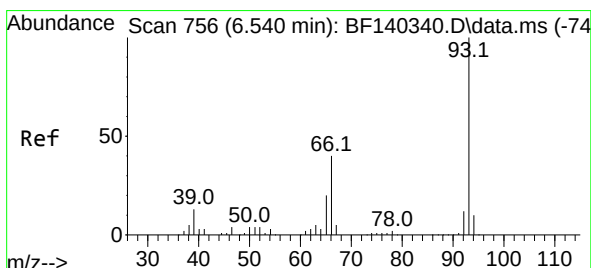
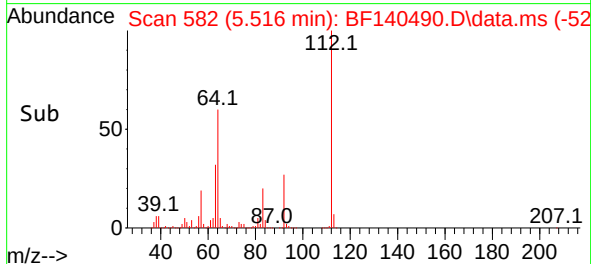
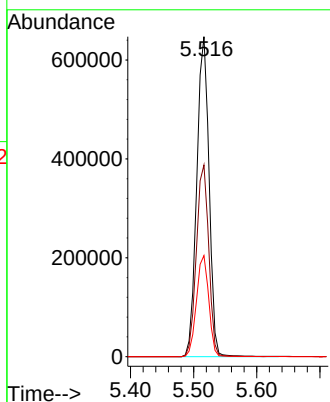
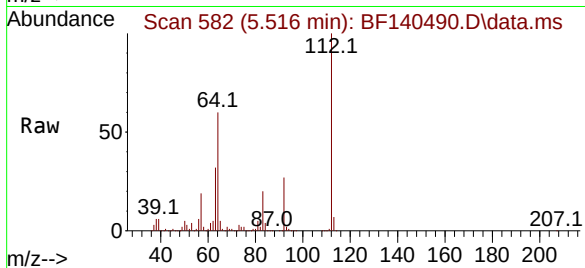




#5
2-Fluorophenol
Concen: 121.101 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

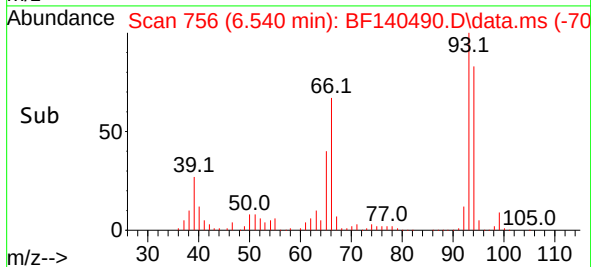
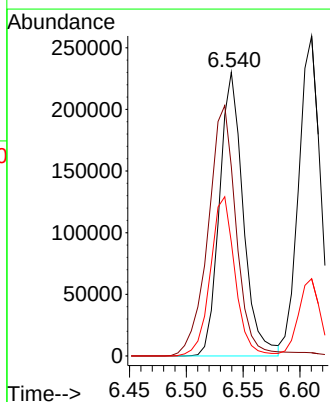
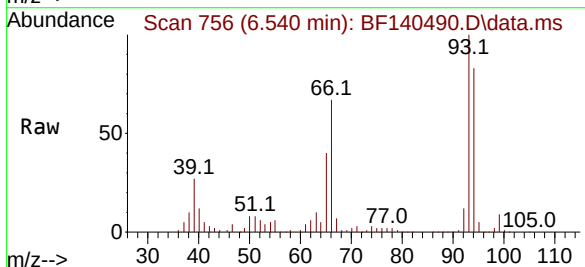
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BNA_F
ClientSampleId :
PB165039BS

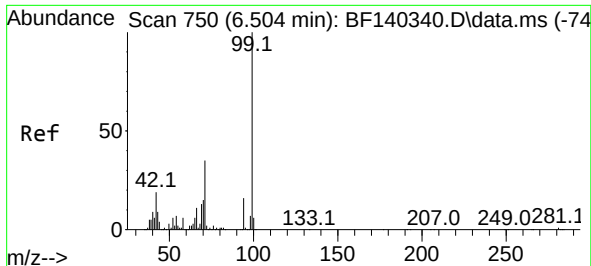
Tgt Ion:112 Resp: 873274
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.6 25.6 38.4



#6
Aniline
Concen: 39.378 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 93 Resp: 334674
Ion Ratio Lower Upper
93 100
66 66.7 32.8 49.2#
65 40.1 16.6 25.0#

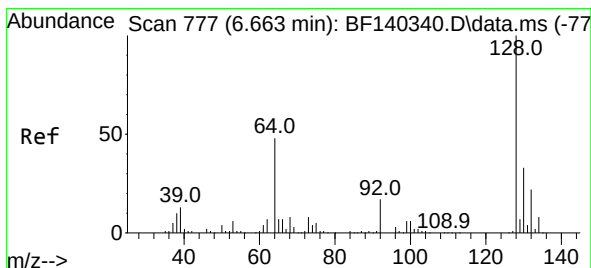
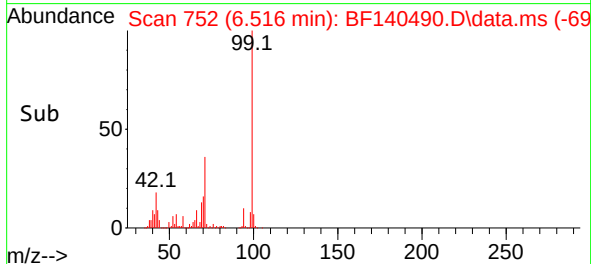
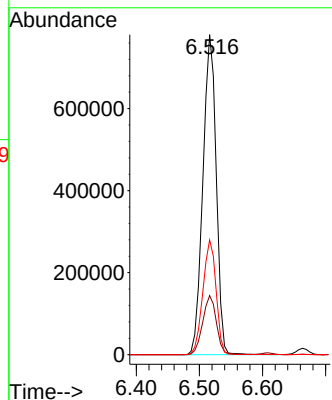
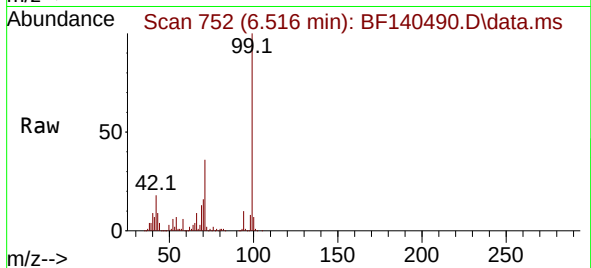




#7
Phenol-d6
Concen: 117.158 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

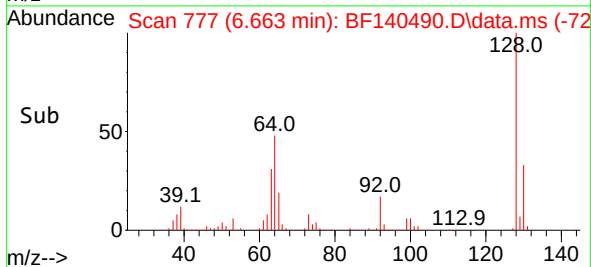
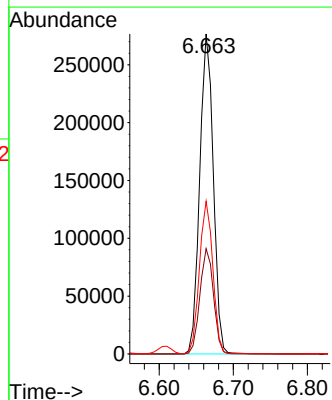
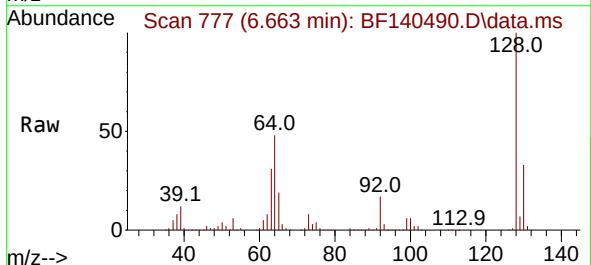
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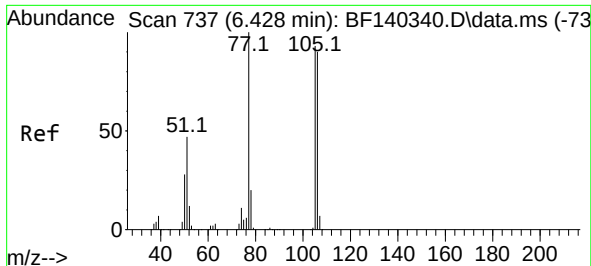
Tgt Ion: 99 Resp: 1144626
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.9 27.9 41.9



#8
2-Chlorophenol
Concen: 45.415 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 128 Resp: 351794
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 47.7 30.2 70.2

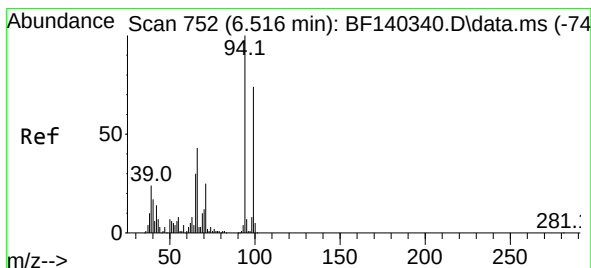
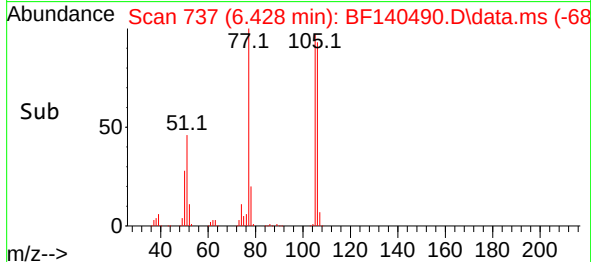
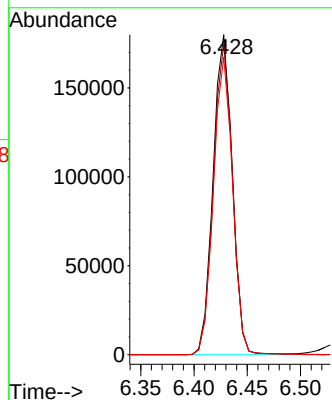
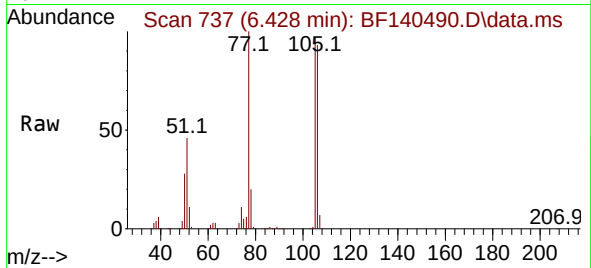




#9
Benzaldehyde
Concen: 38.448 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

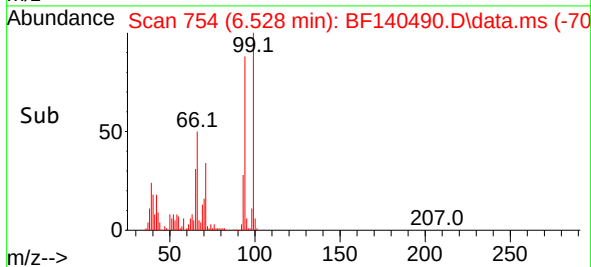
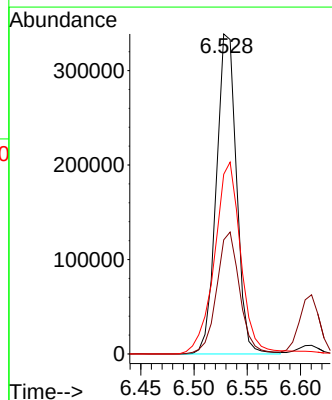
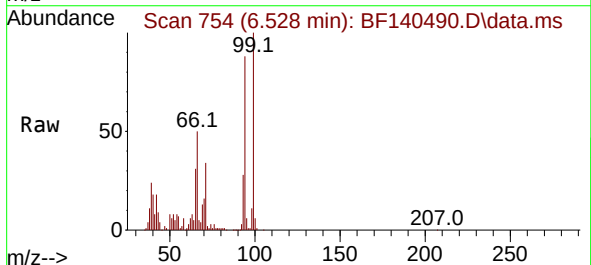
Instrument :
BNA_F
ClientSampleId :
PB165039BS

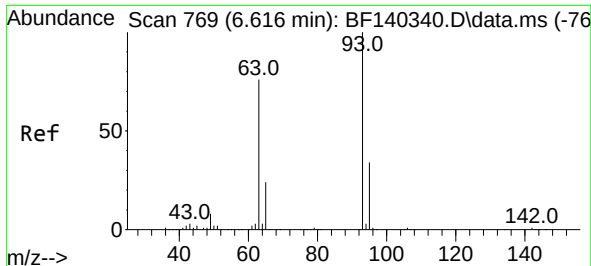
Tgt Ion: 77 Resp: 225132
Ion Ratio Lower Upper
77 100
105 97.2 74.4 114.4
106 93.0 69.9 109.9



#10
Phenol
Concen: 43.184 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 94 Resp: 444934
Ion Ratio Lower Upper
94 100
65 35.7 10.4 50.4
66 56.1 22.9 62.9

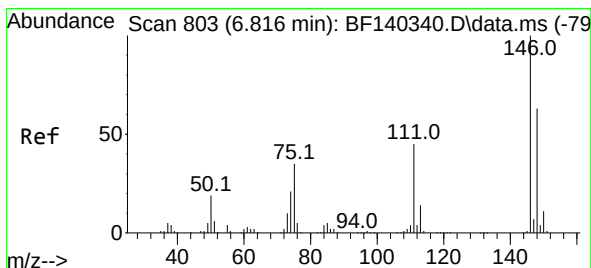
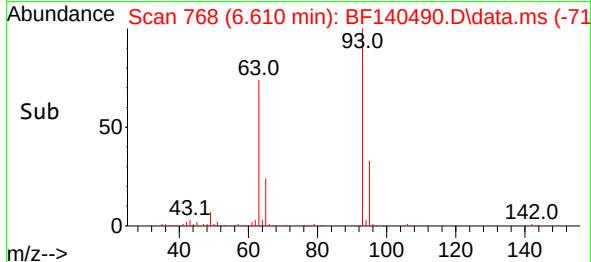
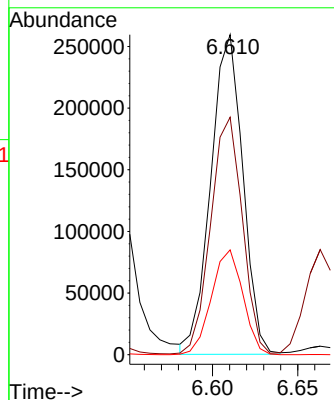
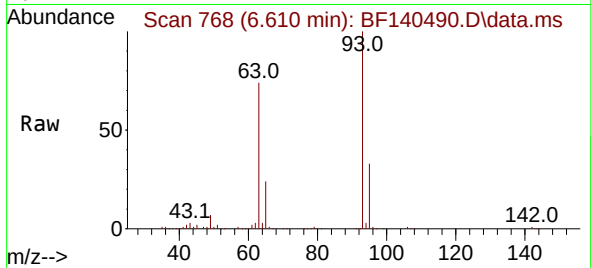




#11
bis(2-Chloroethyl)ether
Concen: 43.550 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

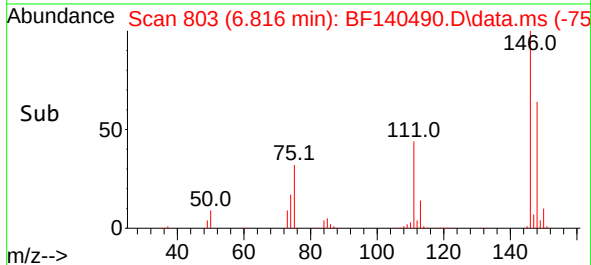
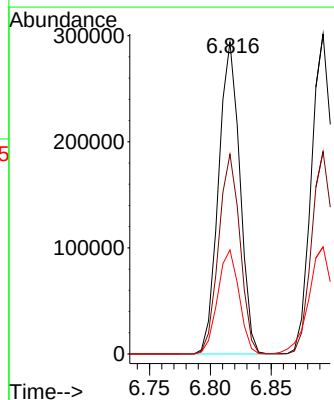
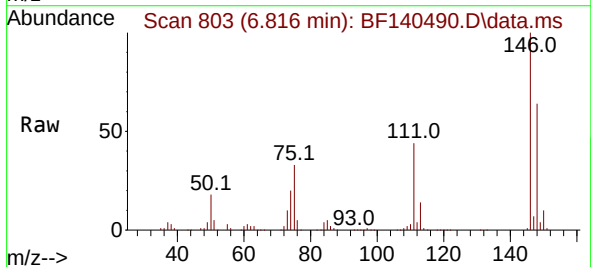
Instrument :
BNA_F
ClientSampleId :
PB165039BS

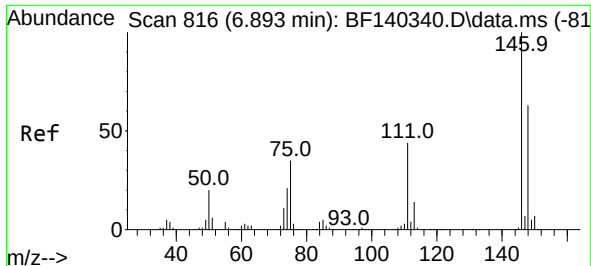
Tgt Ion: 93 Resp: 339985
Ion Ratio Lower Upper
93 100
63 74.2 54.0 94.0
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.929 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 146 Resp: 358353
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
75 33.4 26.4 39.6

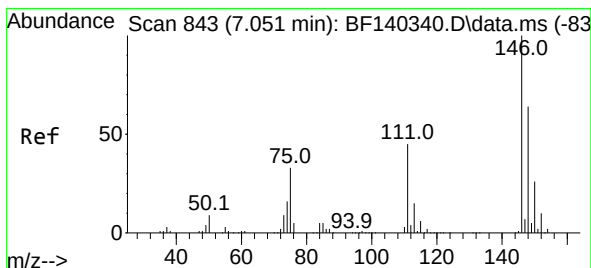
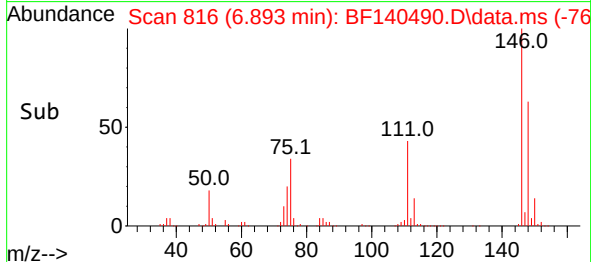
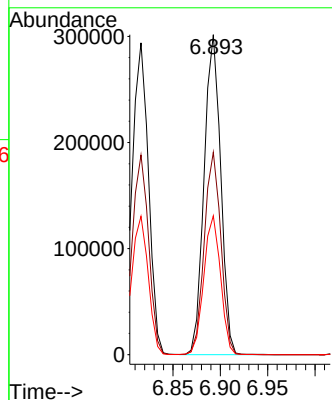
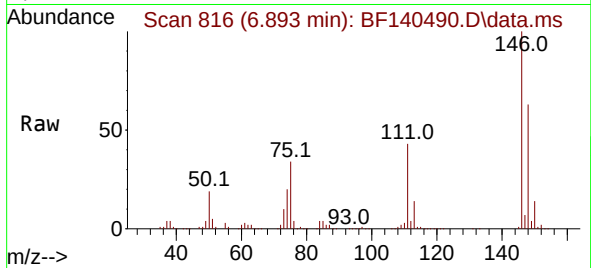




#13
1,4-Dichlorobenzene
Concen: 42.389 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

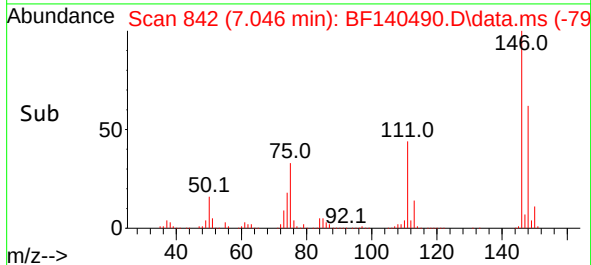
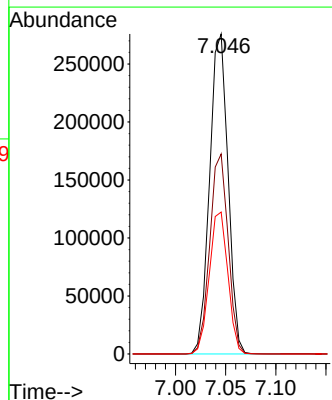
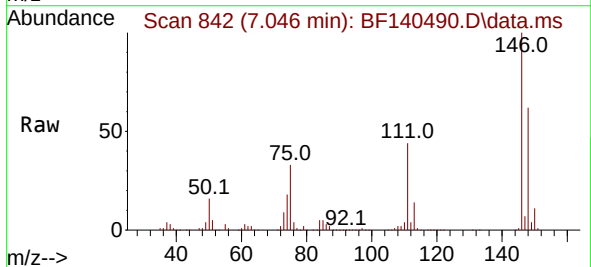
Instrument :
BNA_F
ClientSampleId :
PB165039BS

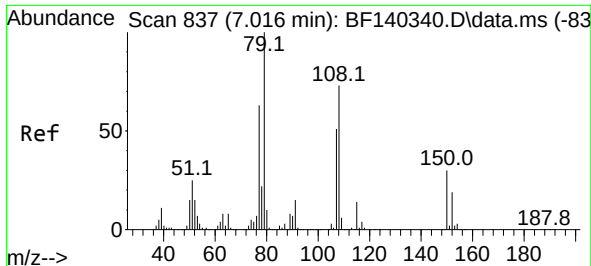
Tgt Ion:146 Resp: 367350
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 43.4 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 43.913 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:146 Resp: 353286
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 44.4 36.5 54.7

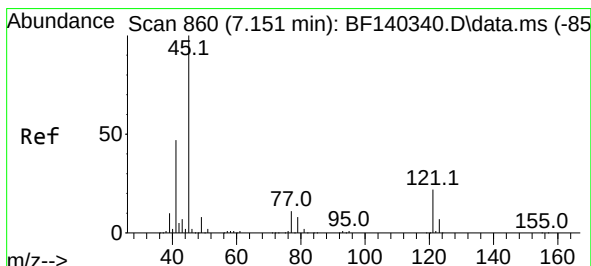
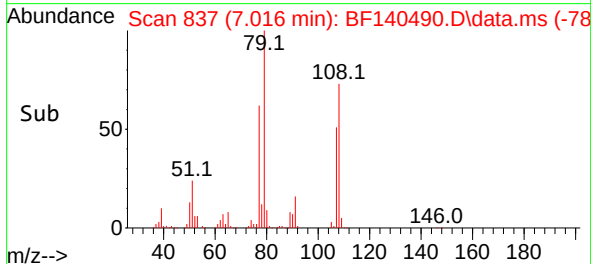
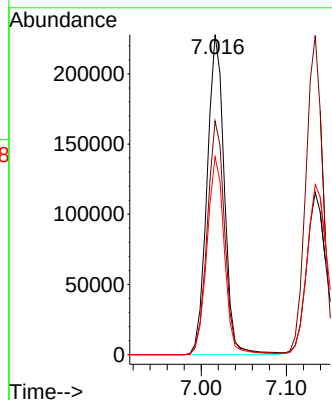
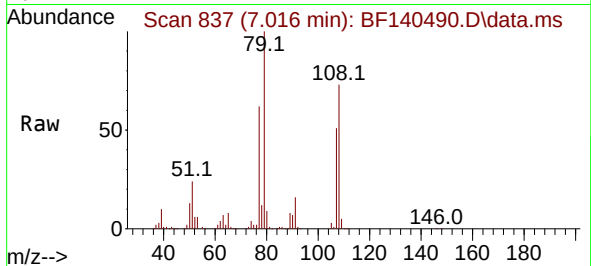




#15
Benzyl Alcohol
Concen: 45.452 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

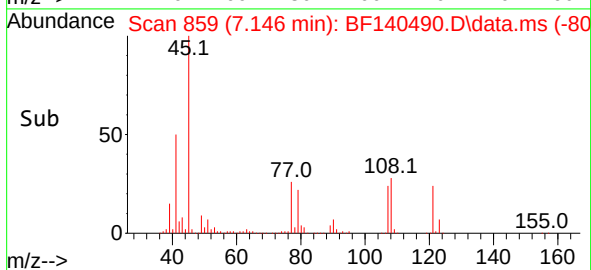
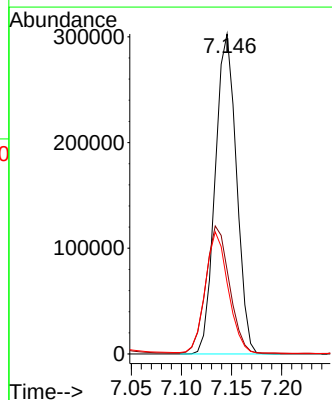
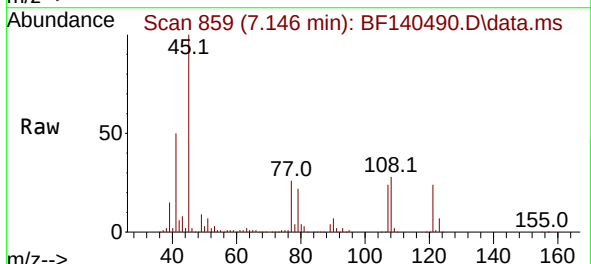
Instrument :
BNA_F
ClientSampleId :
PB165039BS

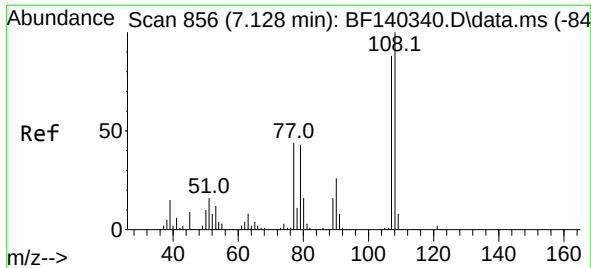
Tgt Ion: 79 Resp: 319937
Ion Ratio Lower Upper
79 100
108 73.1 57.8 86.6
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.286 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 45 Resp: 445198
Ion Ratio Lower Upper
45 100
77 26.3 0.0 34.8
79 22.3 0.0 31.4



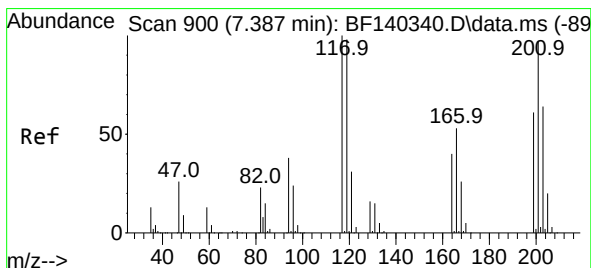
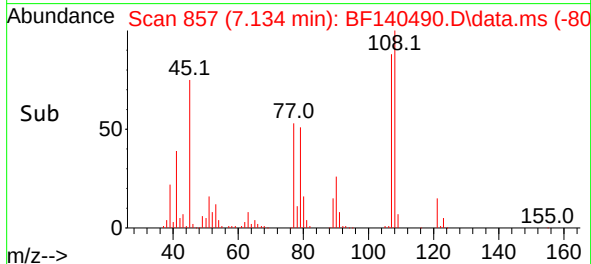
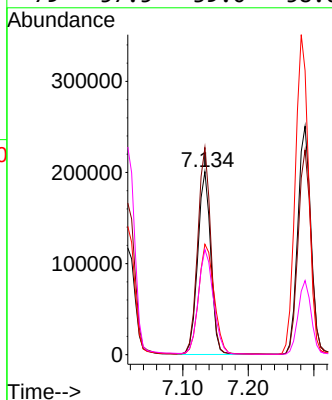
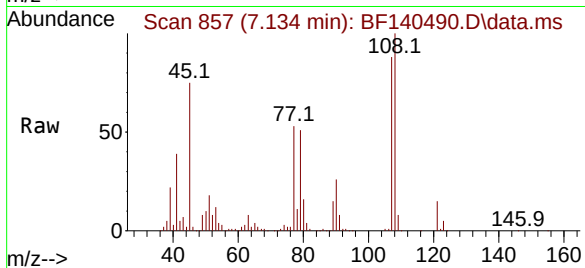


#17
2-Methylphenol
Concen: 43.611 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion:107 Resp: 277897

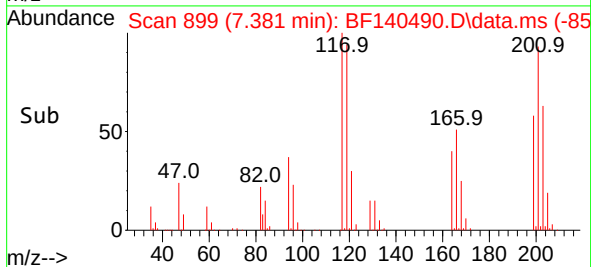
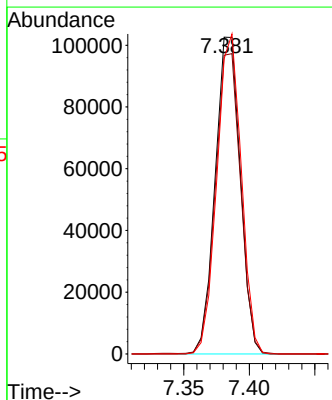
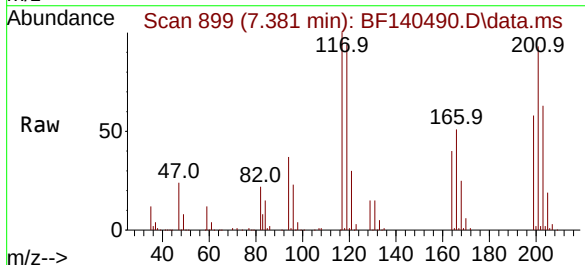
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.9	137.9
77	60.3	39.7	59.5#
79	57.5	39.0	58.6

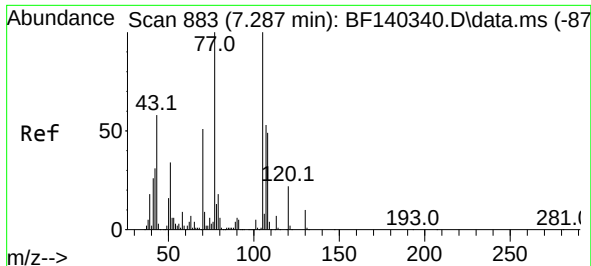


#18
Hexachloroethane
Concen: 42.691 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:117 Resp: 136773

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.9	115.3
201	93.2	80.2	120.4



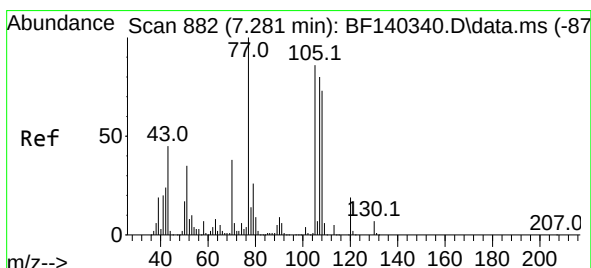
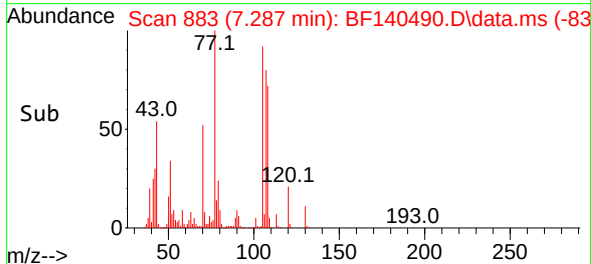
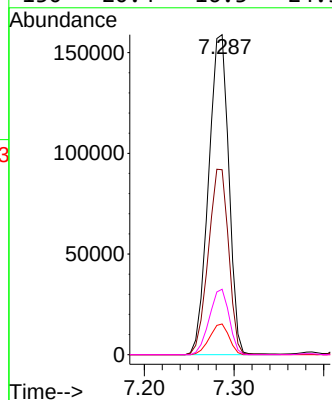
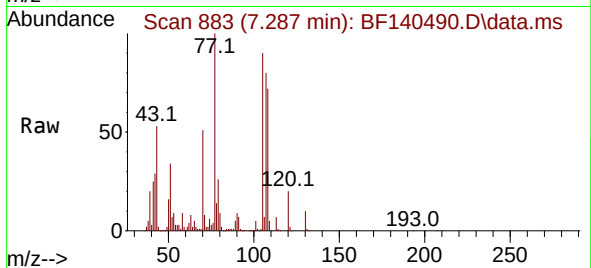


#19
n-Nitroso-di-n-propylamine
Concen: 42.178 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion: 70 Resp: 248880

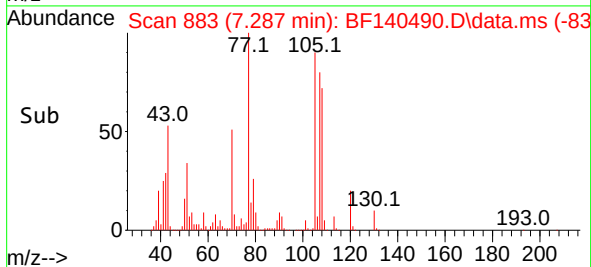
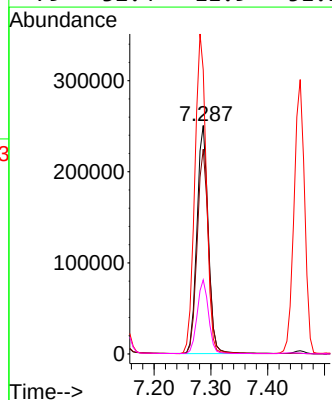
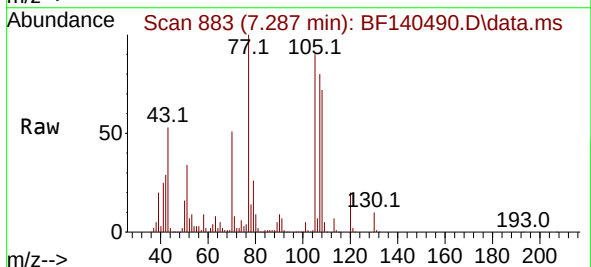
Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.8	70.2
101	9.6	7.5	11.3
130	20.4	16.3	24.5

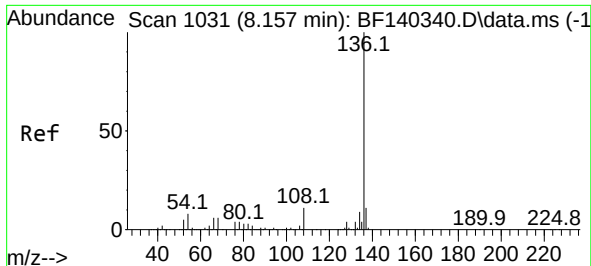


#20
3+4-Methylphenols
Concen: 43.757 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 107 Resp: 348702

Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	124.3	97.0	137.0
79	32.4	11.9	51.9

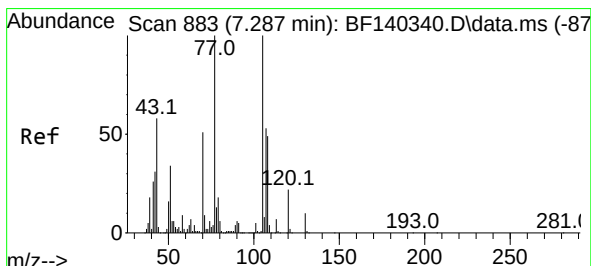
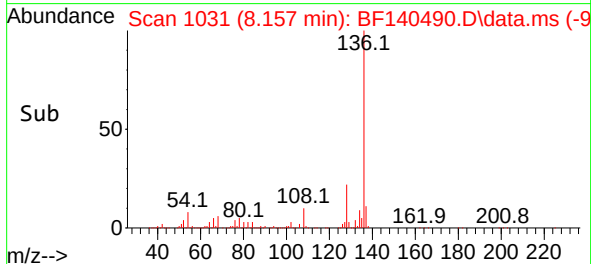
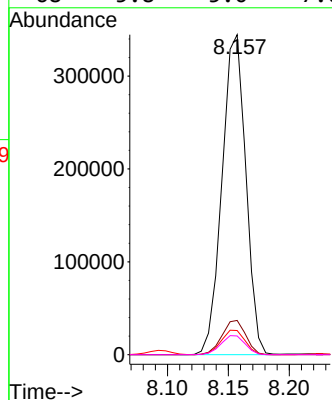
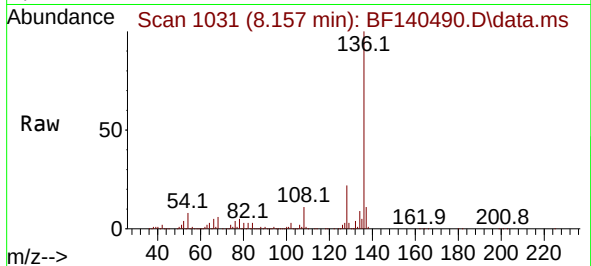




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

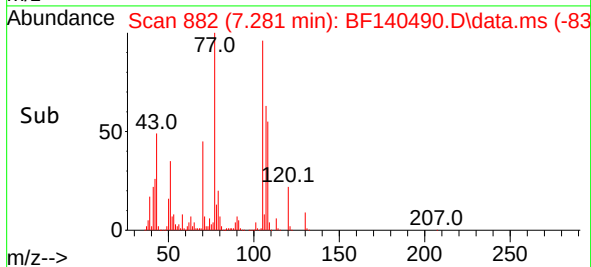
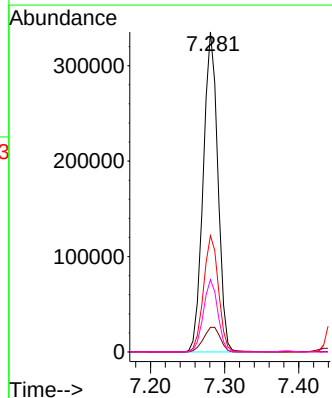
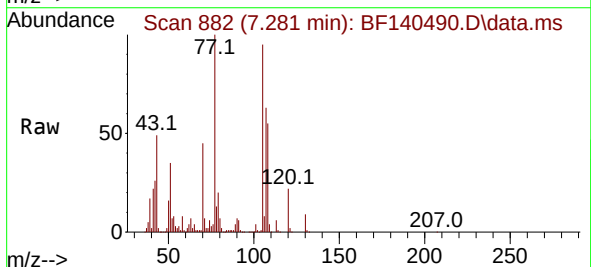
Instrument :
BNA_F
ClientSampleId :
PB165039BS

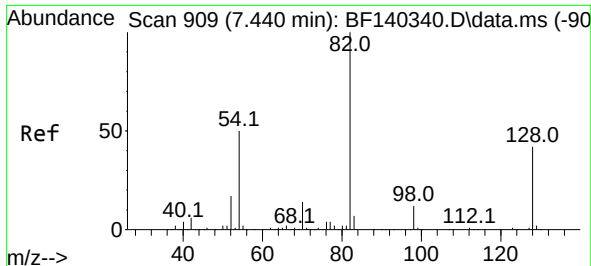
Tgt Ion:	136	Resp:	469130
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	7.6	6.5	9.7
68	5.8	5.0	7.6



#22
Acetophenone
Concen: 42.379 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:	105	Resp:	462395
Ion Ratio	Lower	Upper	
105	100		
71	7.7	6.9	10.3
51	36.4	28.6	43.0
120	22.6	17.2	25.8

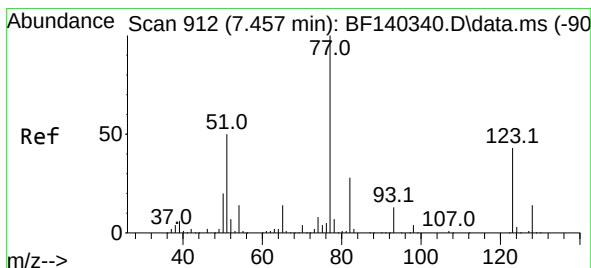
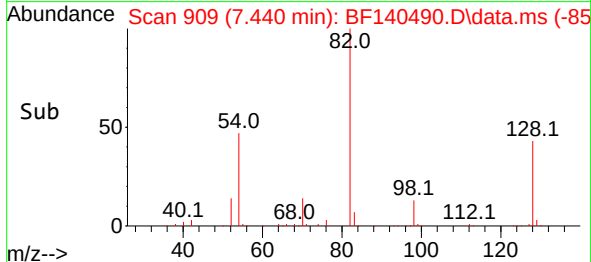
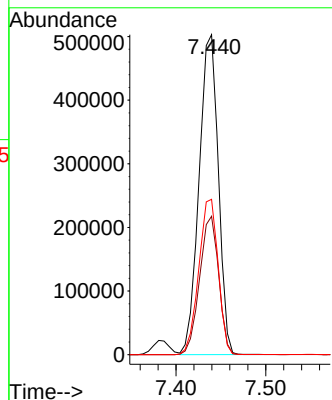
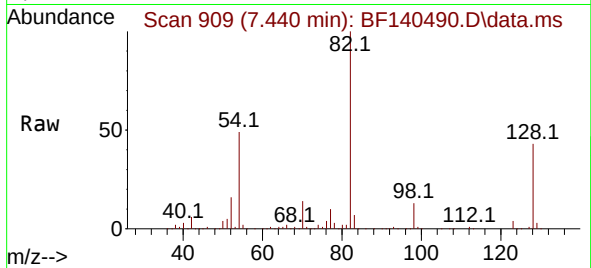




#23
 Nitrobenzene-d5
 Concen: 83.104 ng
 RT: 7.440 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: BF140490.D
 Acq: 20 Nov 2024 10:23

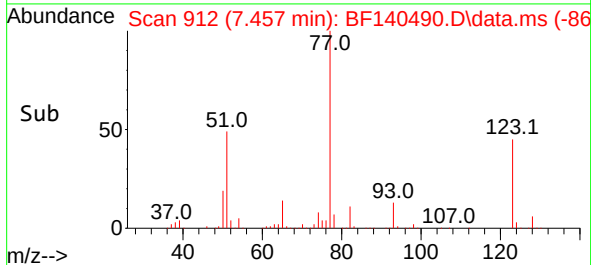
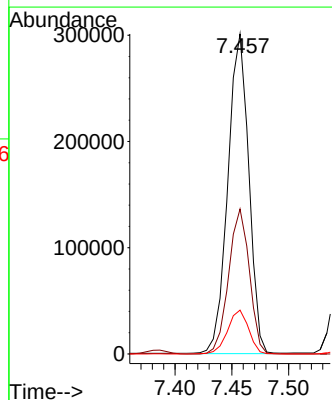
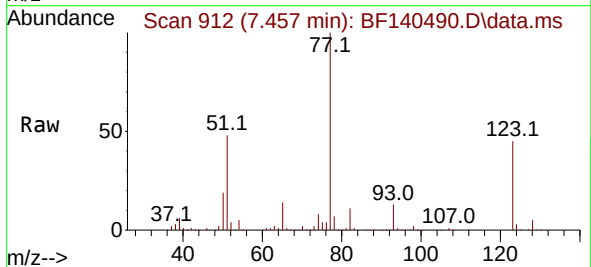
Instrument :
 BNA_F
 ClientSampleId :
 PB165039BS

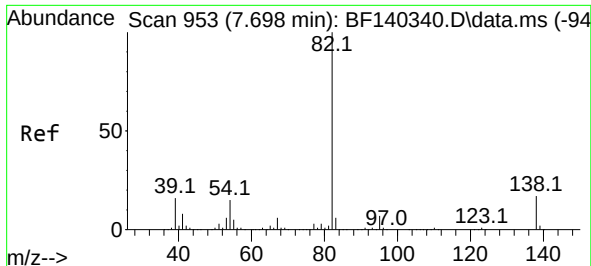
Tgt Ion: 82 Resp: 748263
 Ion Ratio Lower Upper
 82 100
 128 43.3 33.3 49.9
 54 48.6 39.8 59.8



#24
 Nitrobenzene
 Concen: 41.139 ng
 RT: 7.457 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: BF140490.D
 Acq: 20 Nov 2024 10:23

Tgt Ion: 77 Resp: 385664
 Ion Ratio Lower Upper
 77 100
 123 45.3 35.4 53.0
 65 13.7 11.1 16.7

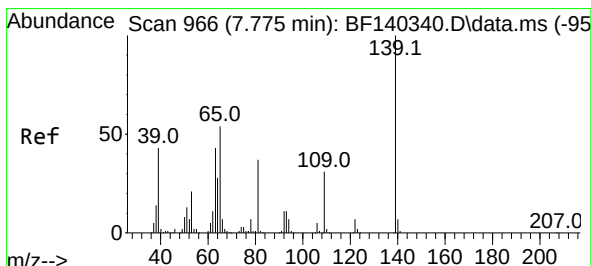
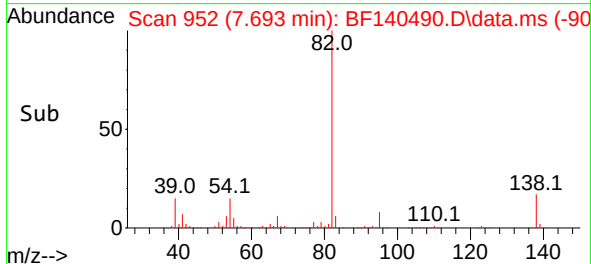
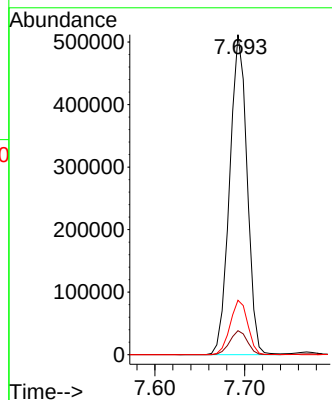
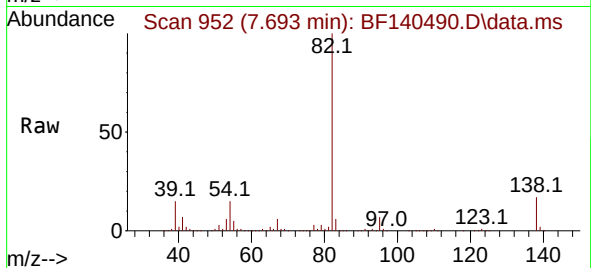




#25
Isophorone
Concen: 43.311 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

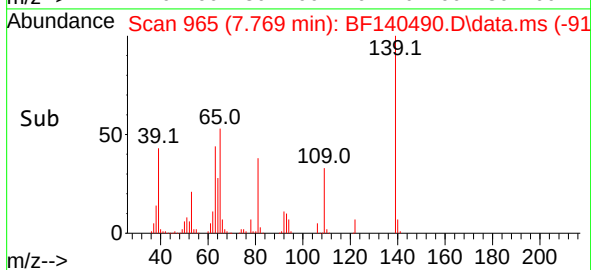
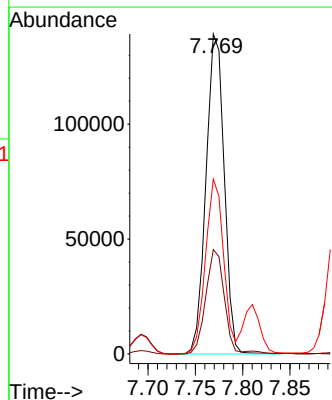
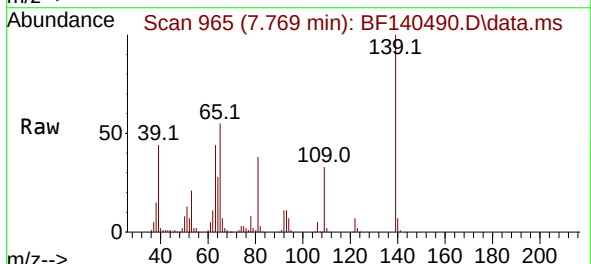
Instrument :
BNA_F
ClientSampleId :
PB165039BS

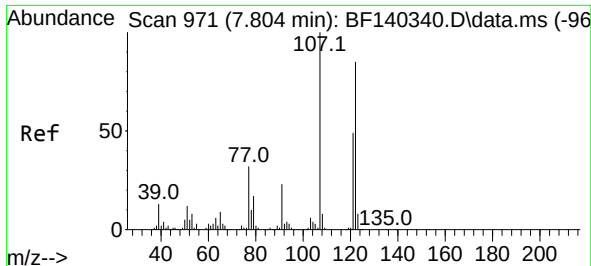
Tgt Ion: 82 Resp: 691142
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.0 13.4 20.2



#26
2-Nitrophenol
Concen: 44.684 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:139 Resp: 185887
Ion Ratio Lower Upper
139 100
109 32.6 24.4 36.6
65 54.7 42.8 64.2

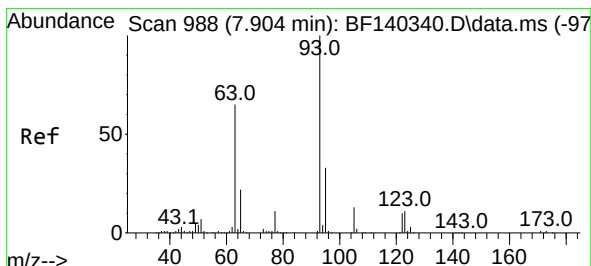
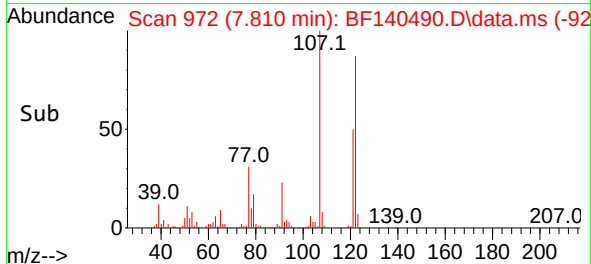
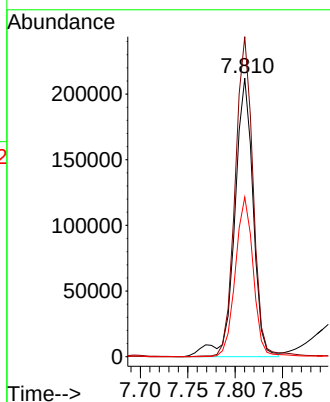
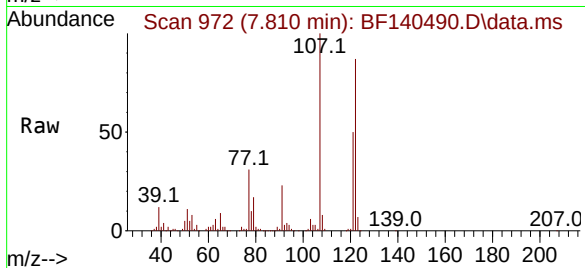




#27
2,4-Dimethylphenol
Concen: 54.012 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

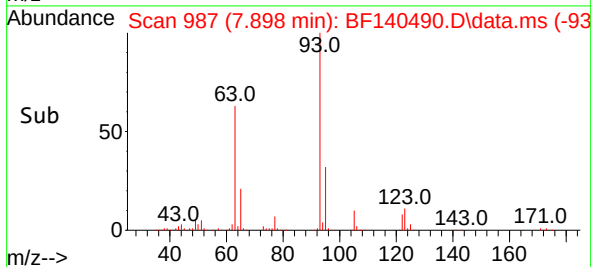
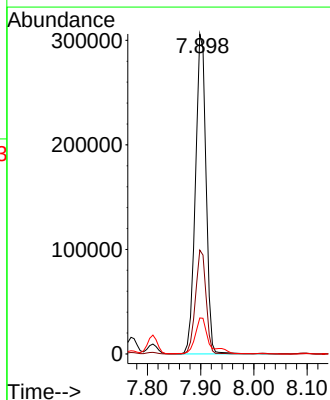
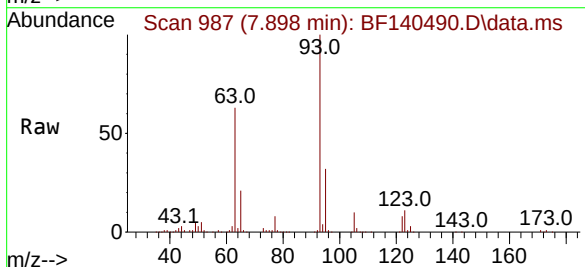
Instrument :
BNA_F
ClientSampleId :
PB165039BS

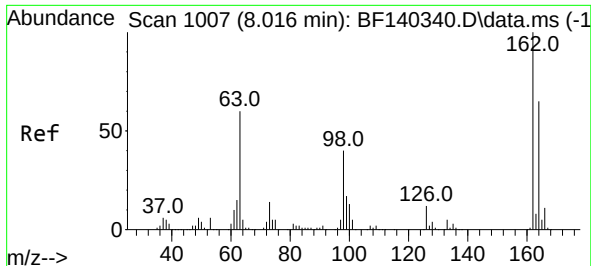
Tgt Ion:122 Resp: 287663
Ion Ratio Lower Upper
122 100
107 114.9 91.3 136.9
121 57.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.274 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion: 93 Resp: 423430
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.800 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

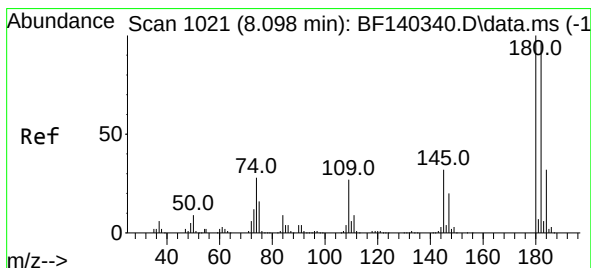
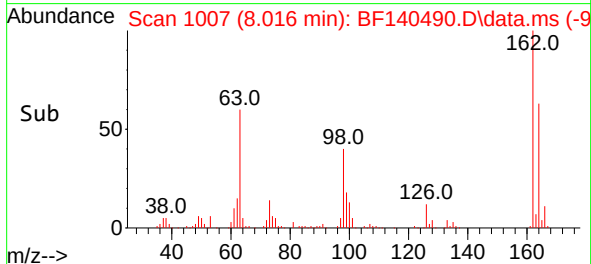
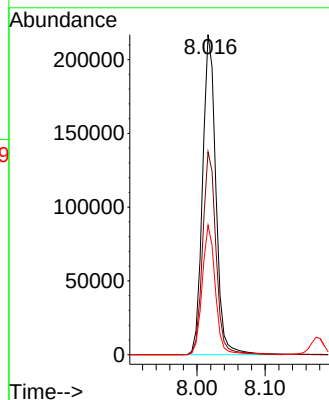
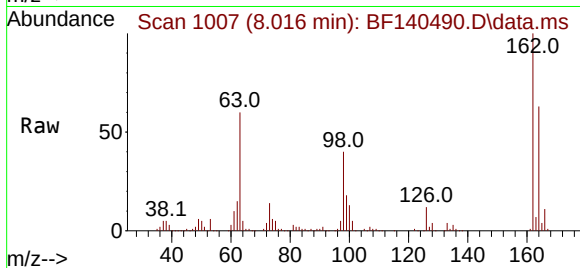
Tgt Ion:162 Resp: 294883

Ion Ratio Lower Upper

162 100

164 63.4 45.4 85.4

98 40.5 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.465 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

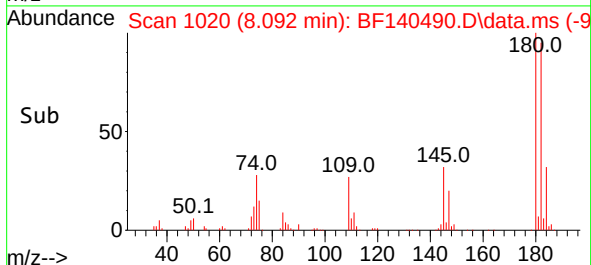
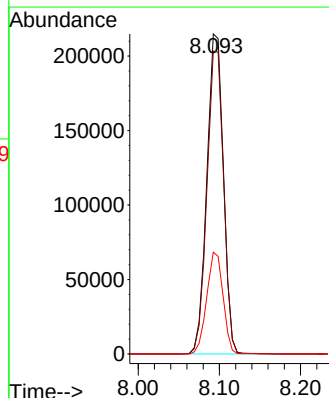
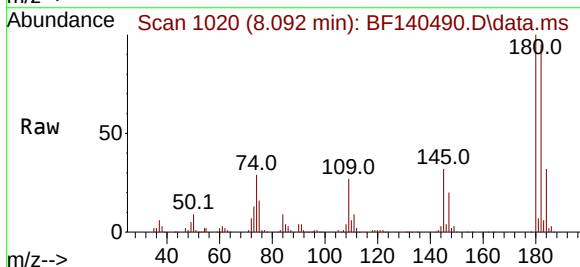
Tgt Ion:180 Resp: 303866

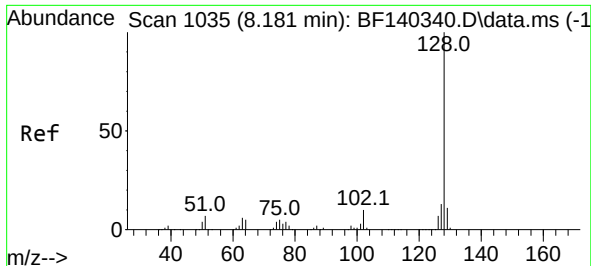
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 31.8 25.3 37.9





#31

Naphthalene

Concen: 42.905 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

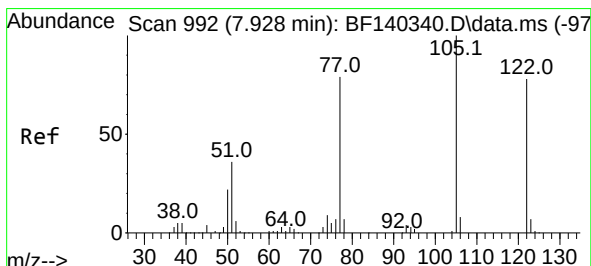
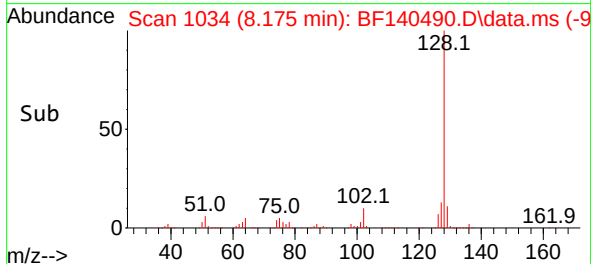
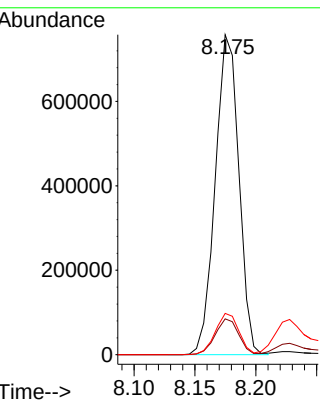
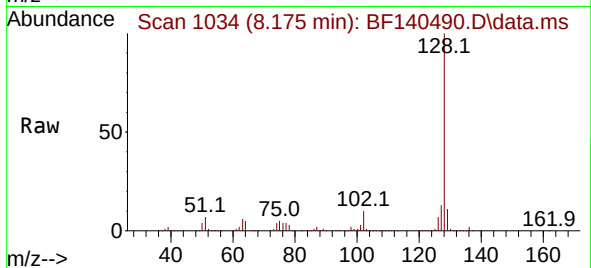
Tgt Ion:128 Resp: 1021057

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 12.9 10.6 15.8



#32

Benzoic acid

Concen: 41.961 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

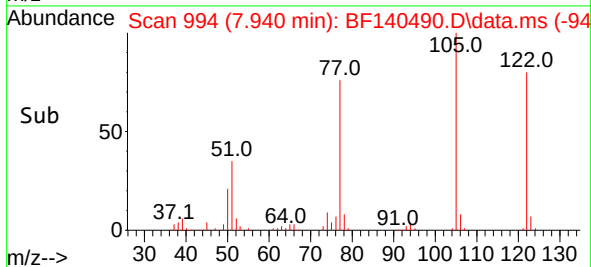
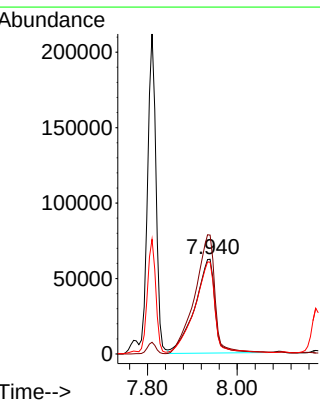
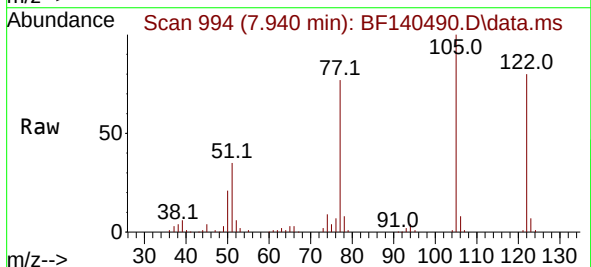
Tgt Ion:122 Resp: 196648

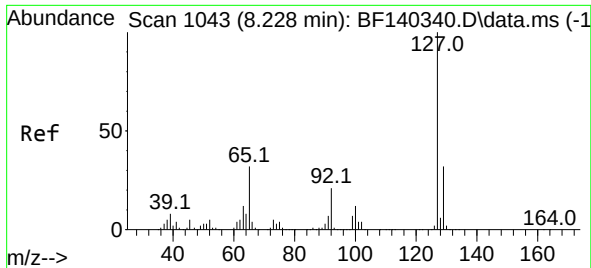
Ion Ratio Lower Upper

122 100

105 125.4 100.9 140.9

77 96.9 76.0 116.0

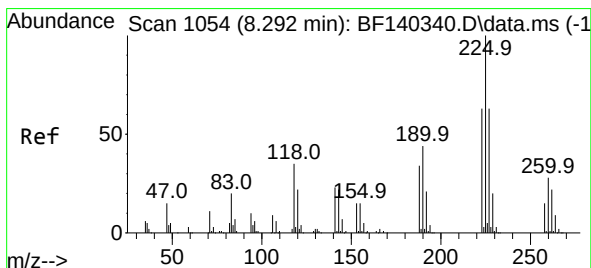
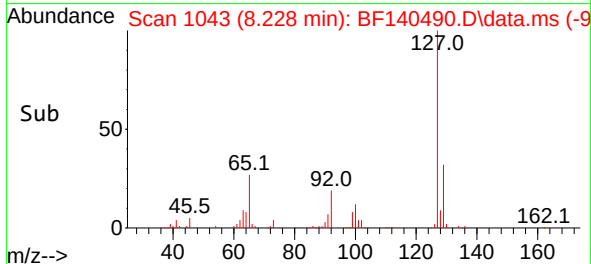
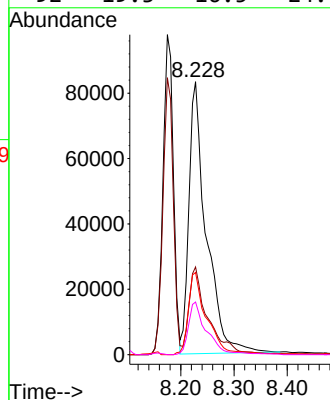
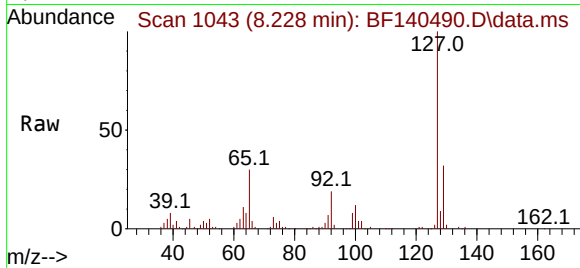




#33
4-Chloroaniline
Concen: 22.692 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

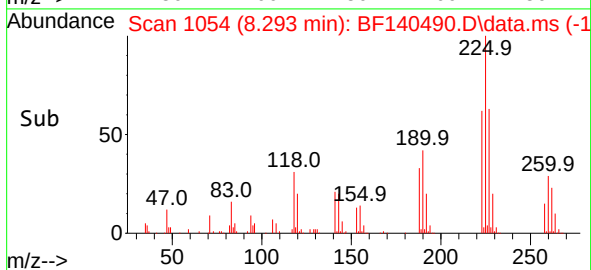
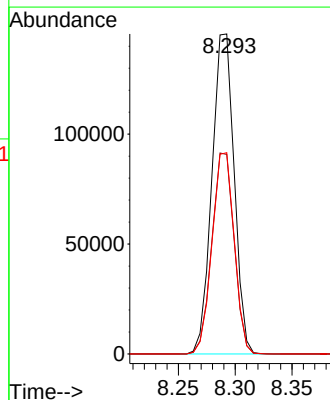
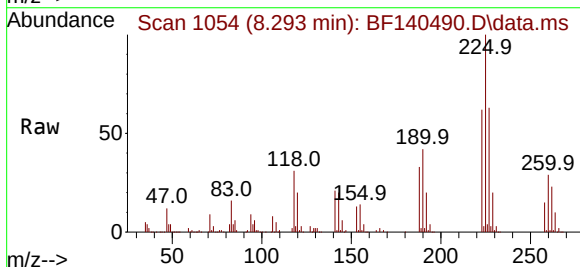
Instrument :
BNA_F
ClientSampleId :
PB165039BS

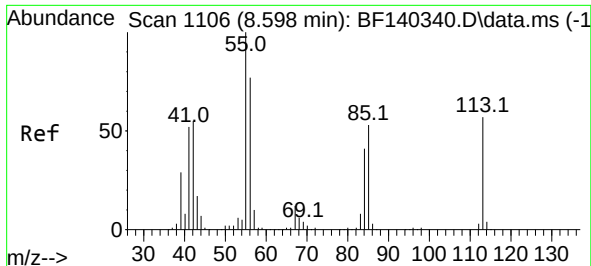
Tgt	Ion:127	Resp:	187809
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	30.2	25.8	38.6
92	19.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 42.474 ng
RT: 8.293 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt	Ion:225	Resp:	198317
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	62.9	51.3	76.9

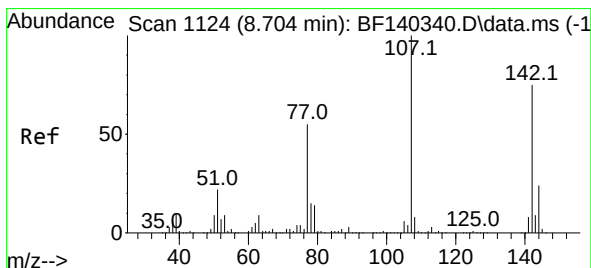
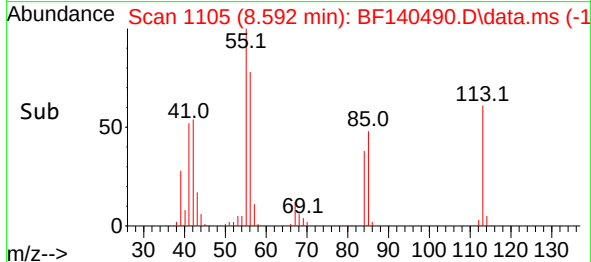
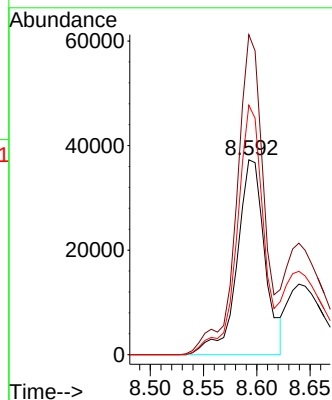
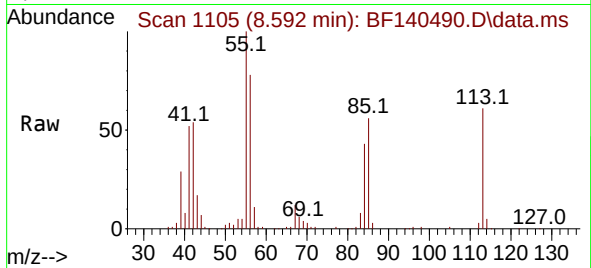




#35
Caprolactam
Concen: 31.161 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

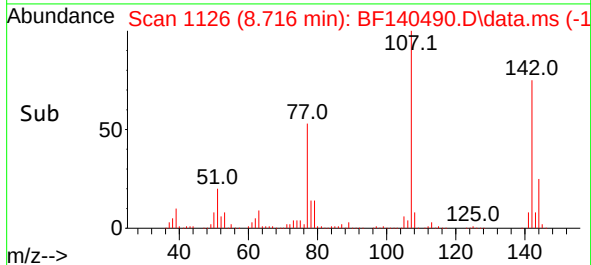
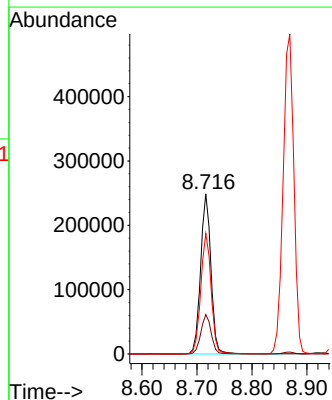
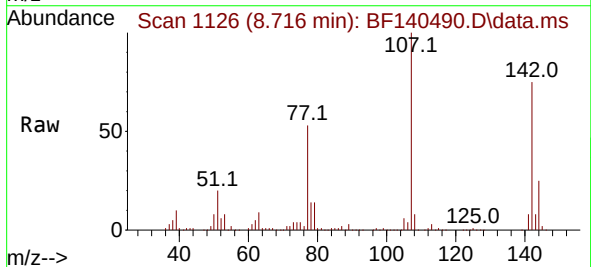
Instrument :
BNA_F
ClientSampleId :
PB165039BS

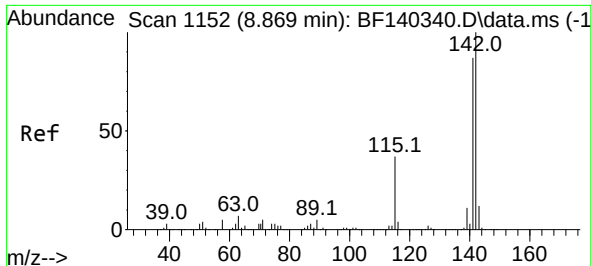
Tgt Ion:113 Resp: 68172
Ion Ratio Lower Upper
113 100
55 164.3 150.0 190.0
56 128.0 111.1 151.1



#36
4-Chloro-3-methylphenol
Concen: 44.797 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:107 Resp: 326768
Ion Ratio Lower Upper
107 100
144 24.5 19.3 28.9
142 75.2 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.933 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

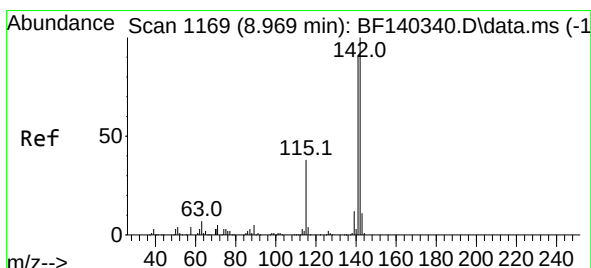
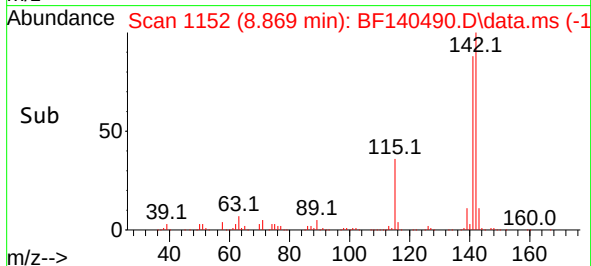
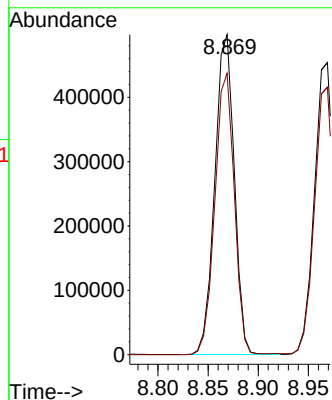
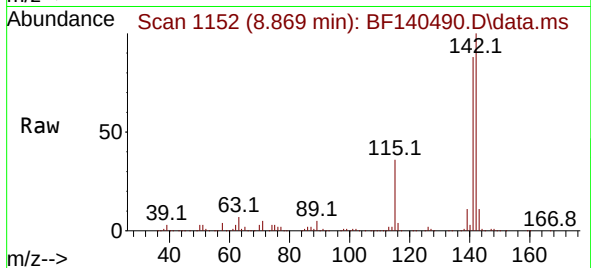
PB165039BS

Tgt Ion:142 Resp: 670405

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.615 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140490.D

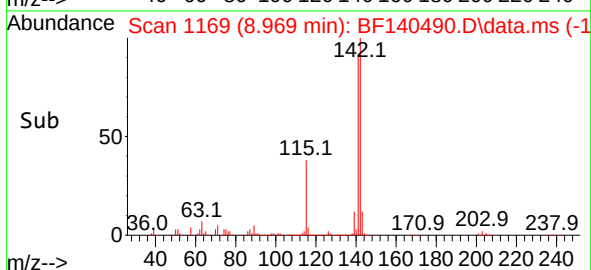
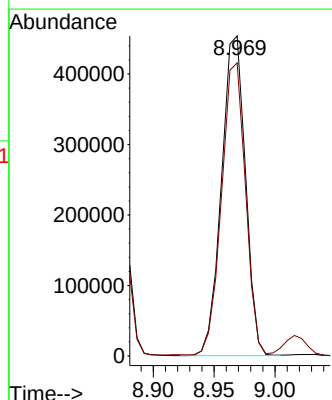
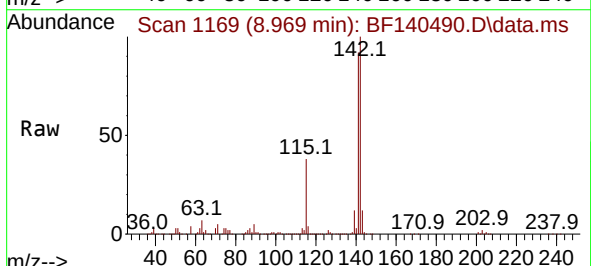
Acq: 20 Nov 2024 10:23

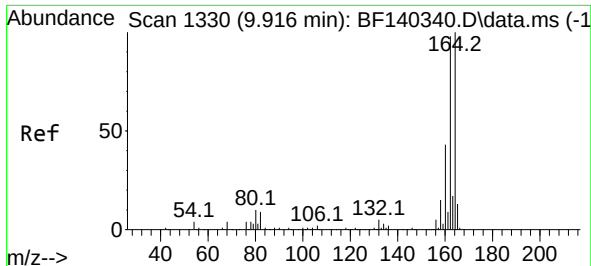
Tgt Ion:142 Resp: 621859

Ion Ratio Lower Upper

142 100

141 91.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

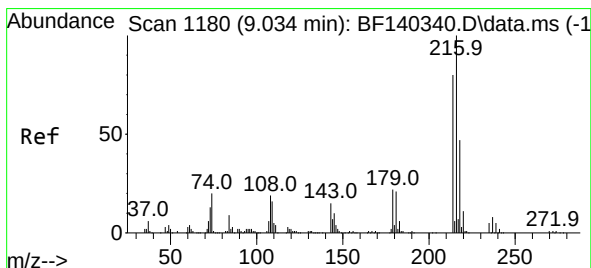
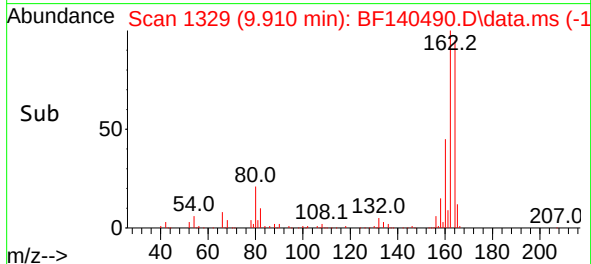
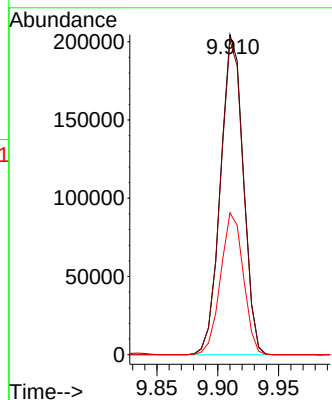
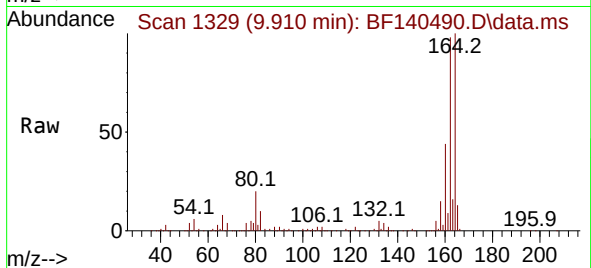
Tgt Ion:164 Resp: 266786

Ion Ratio Lower Upper

164 100

162 98.2 79.8 119.8

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.916 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Tgt Ion:216 Resp: 316611

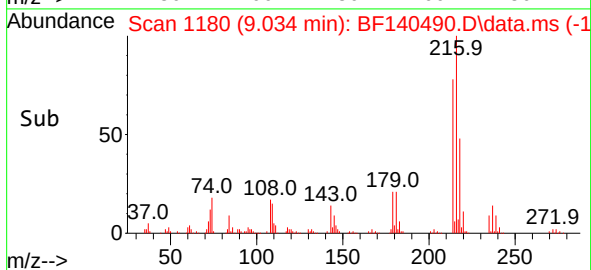
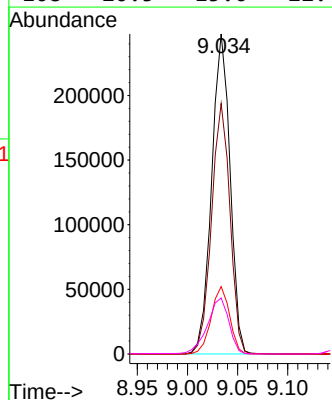
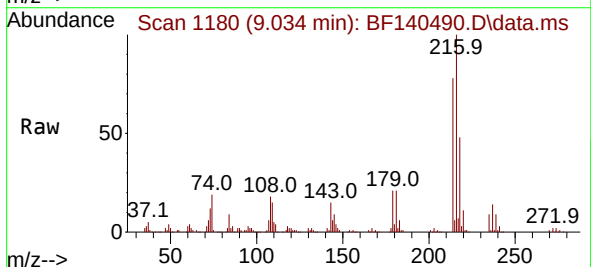
Ion Ratio Lower Upper

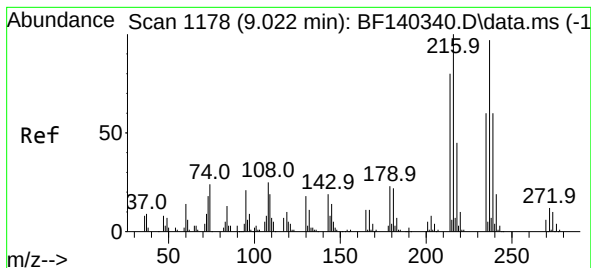
216 100

214 78.2 63.2 94.8

179 21.0 17.2 25.8

108 20.5 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 156.464 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

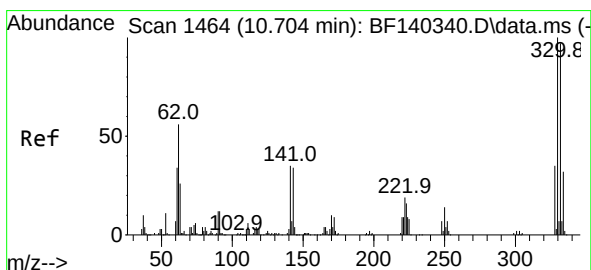
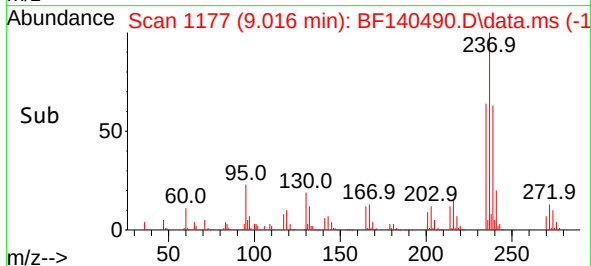
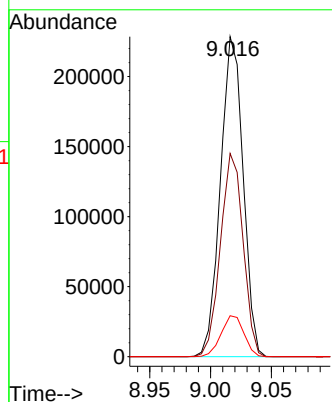
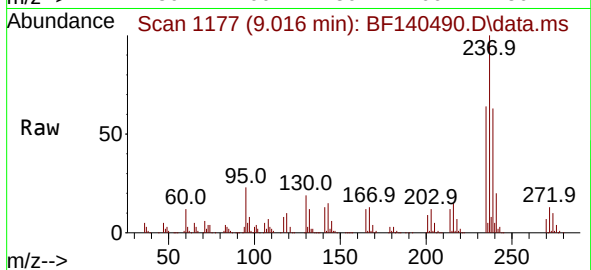
Tgt Ion:237 Resp: 296374

Ion Ratio Lower Upper

237 100

235 63.5 42.8 82.8

272 12.8 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 129.689 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

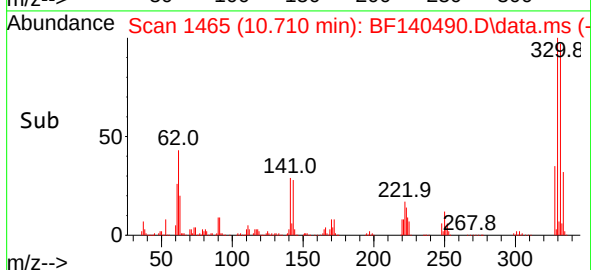
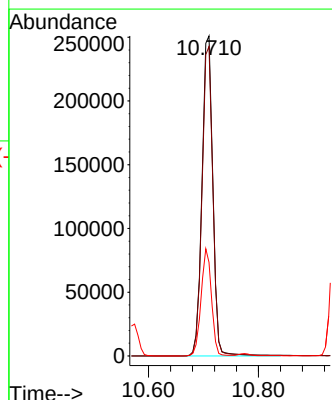
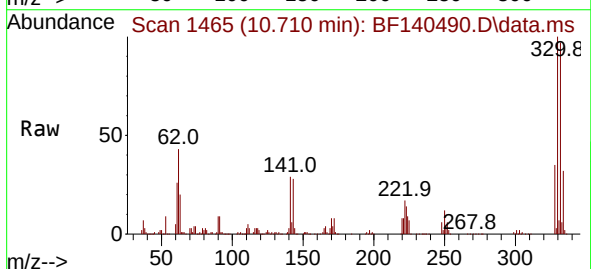
Tgt Ion:330 Resp: 344061

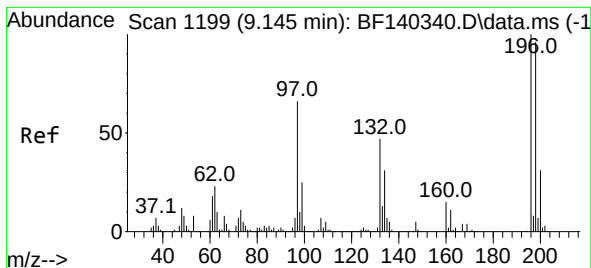
Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

141 32.2 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 44.118 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

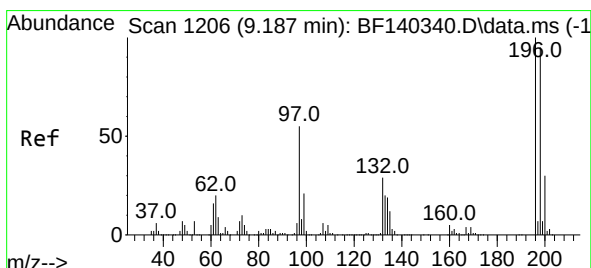
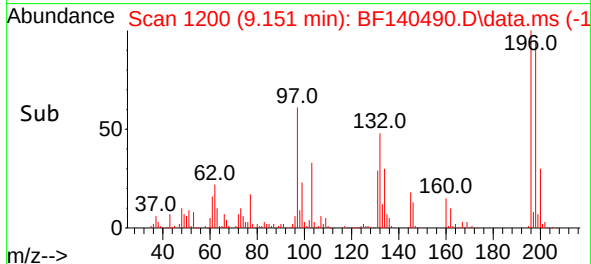
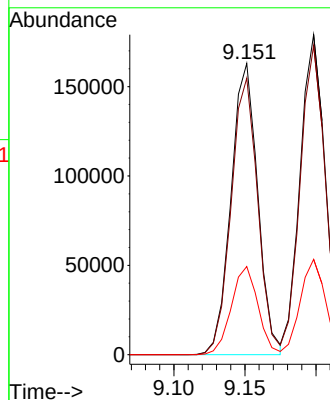
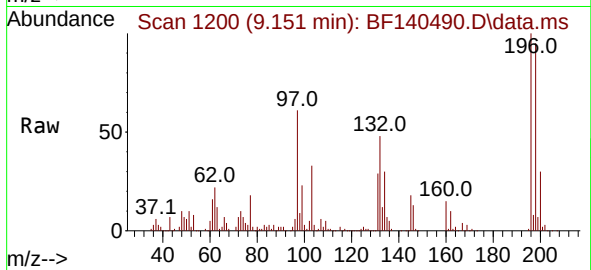
Tgt Ion:196 Resp: 213600

Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.4

200 30.3 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.623 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Tgt Ion:196 Resp: 225620

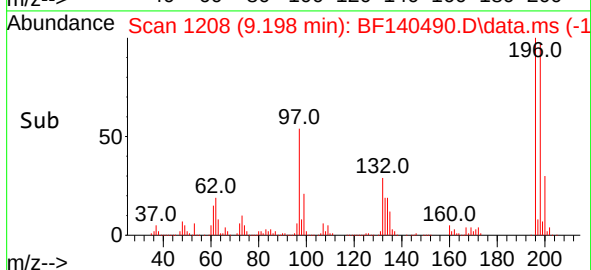
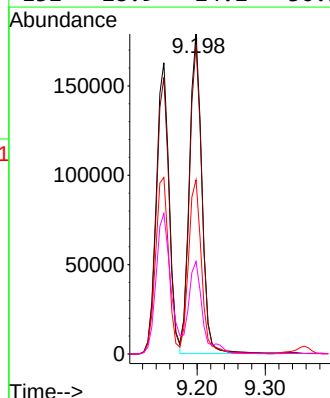
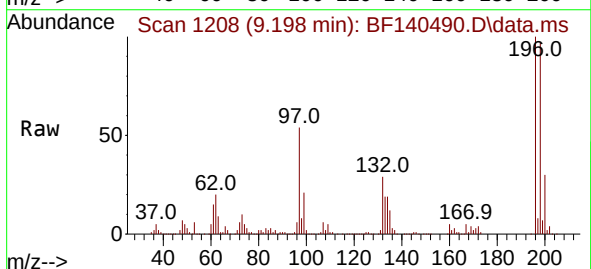
Ion Ratio Lower Upper

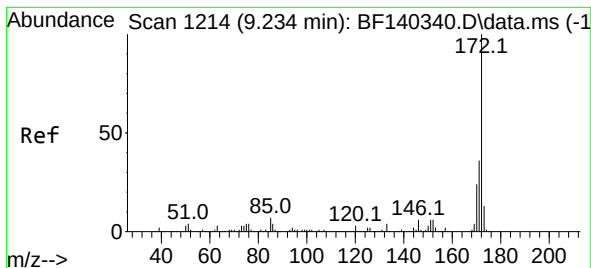
196 100

198 96.7 77.6 116.4

97 54.4 45.4 68.2

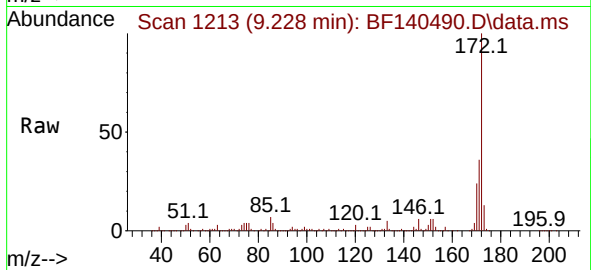
132 28.9 24.2 36.2



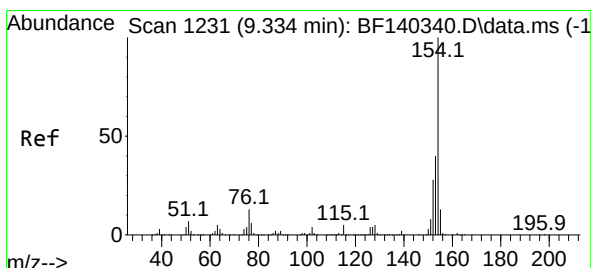
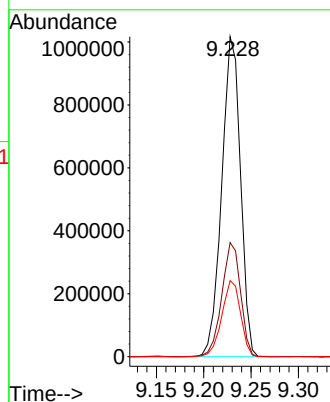
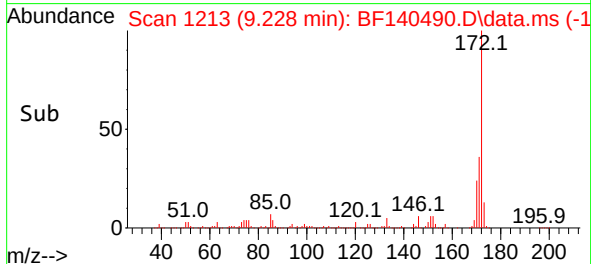


#45
2-Fluorobiphenyl
Concen: 84.477 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

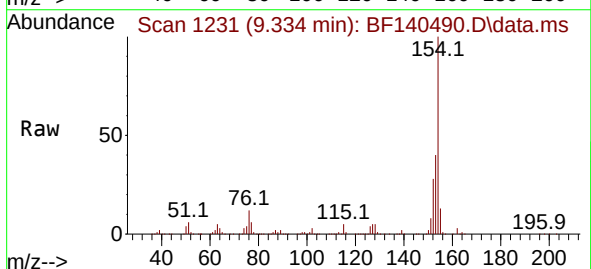
Instrument :
BNA_F
ClientSampleId :
PB165039BS



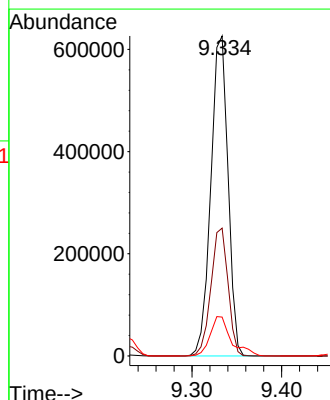
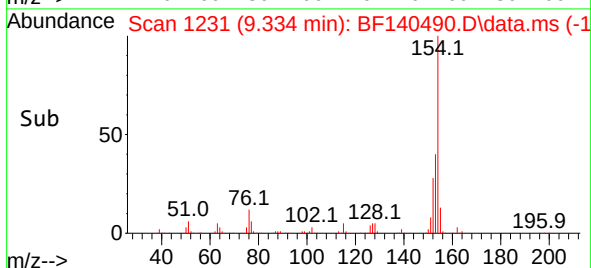
Tgt Ion:172 Resp: 1401959
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 19.1 28.7

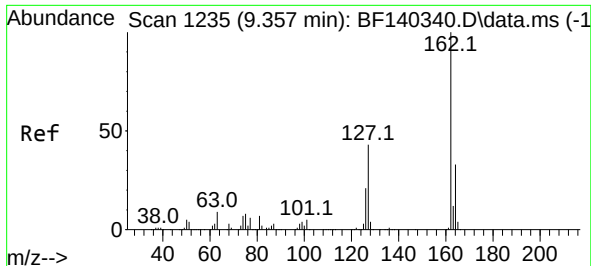


#46
1,1'-Biphenyl
Concen: 42.839 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23



Tgt Ion:154 Resp: 831455
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 12.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.908 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

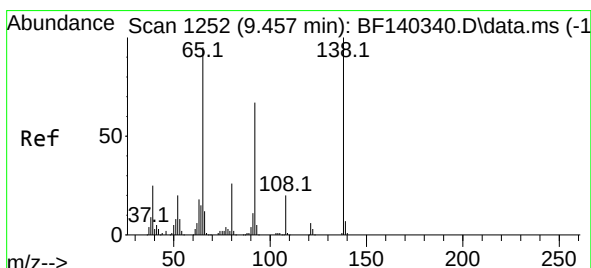
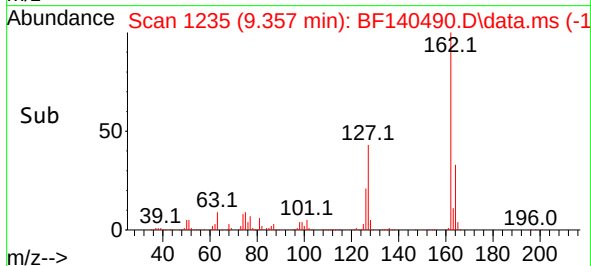
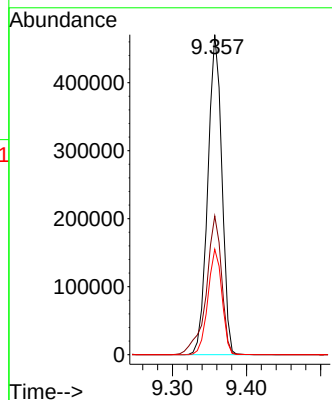
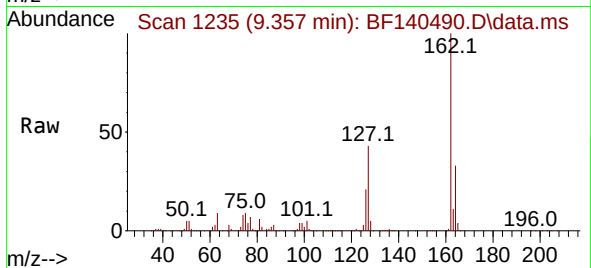
Tgt Ion:162 Resp: 619595

Ion Ratio Lower Upper

162 100

127 43.4 34.0 51.0

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 43.558 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

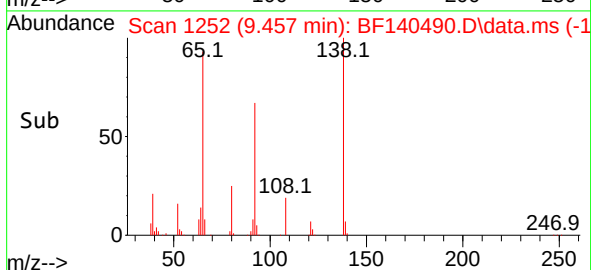
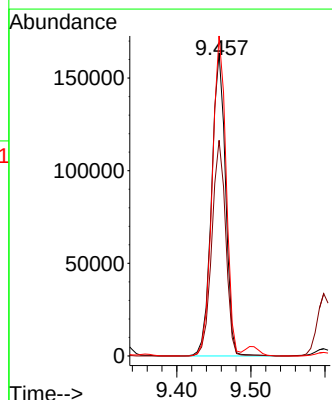
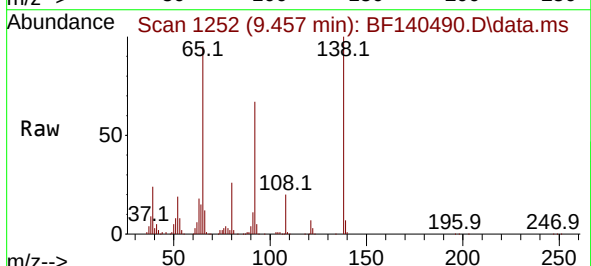
Tgt Ion: 65 Resp: 213573

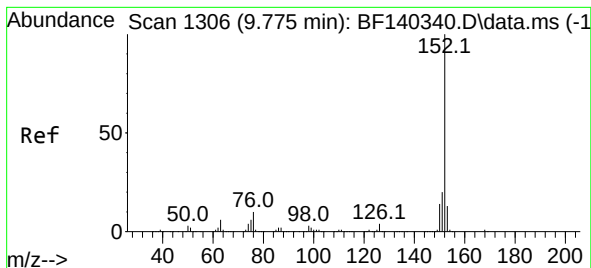
Ion Ratio Lower Upper

65 100

92 71.2 56.4 84.6

138 105.6 84.8 127.2





#49

Acenaphthylene

Concen: 46.164 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

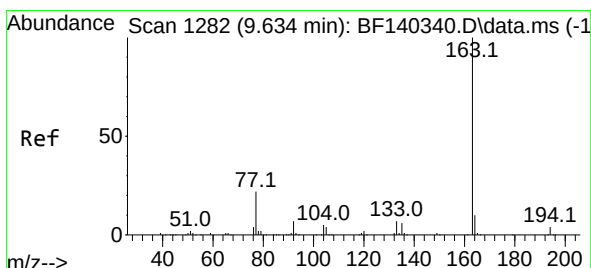
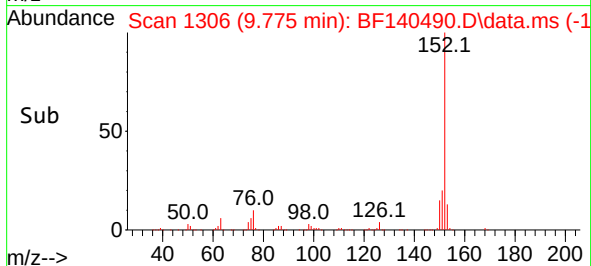
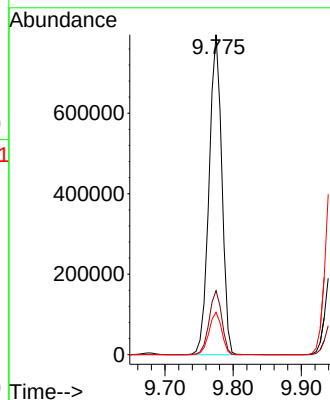
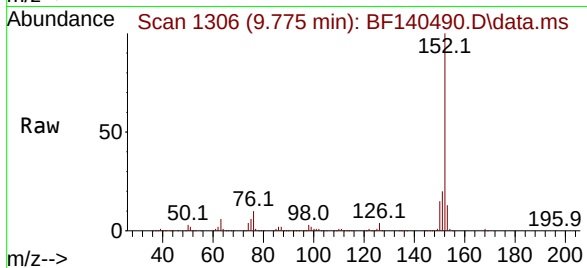
Tgt Ion:152 Resp: 1032642

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 44.131 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

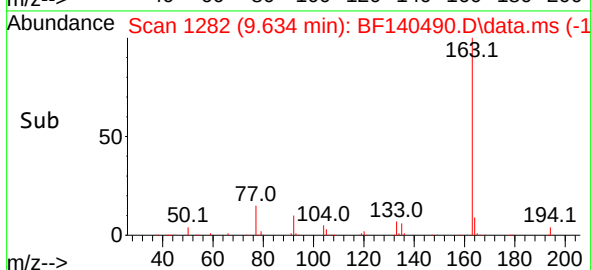
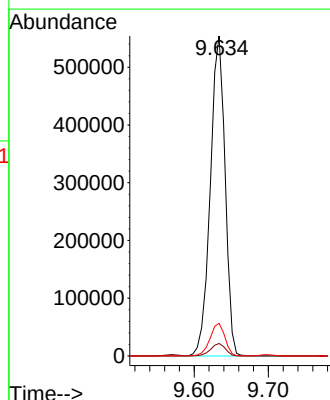
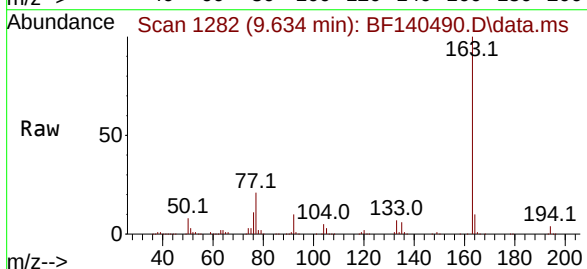
Tgt Ion:163 Resp: 767413

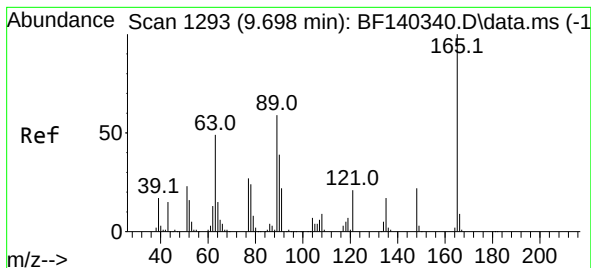
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4

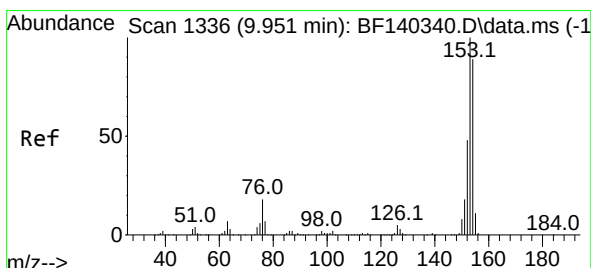
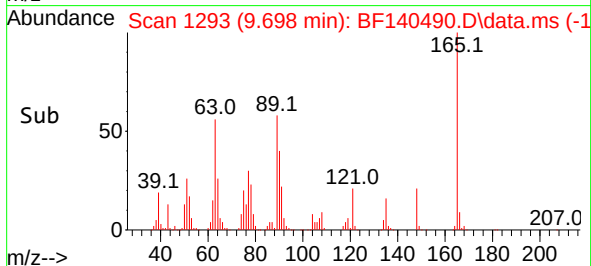
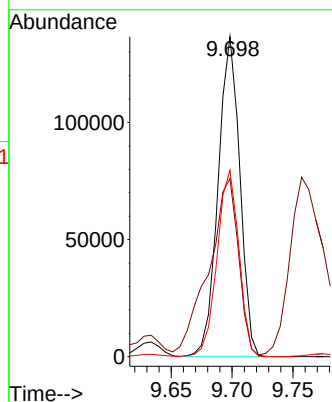
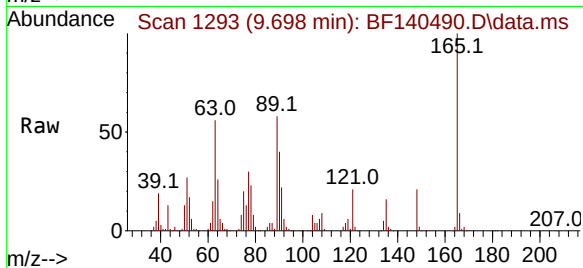




#51
2,6-Dinitrotoluene
Concen: 42.853 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

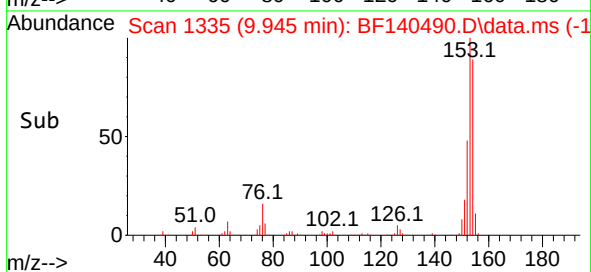
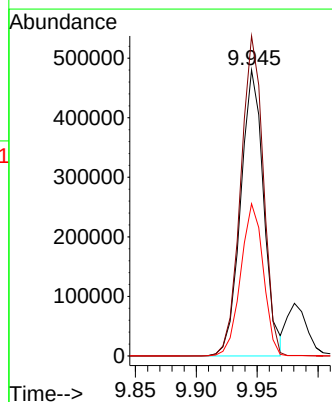
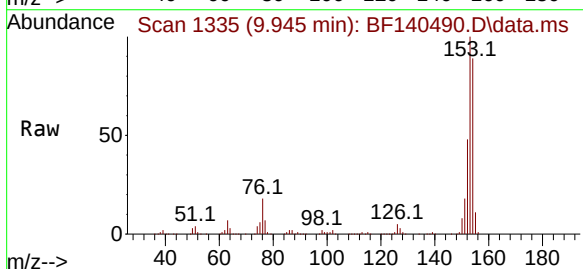
Instrument :
BNA_F
ClientSampleId :
PB165039BS

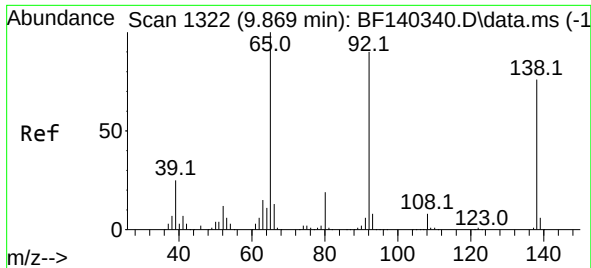
Tgt Ion:165 Resp: 169885
Ion Ratio Lower Upper
165 100
63 55.7 47.6 71.4
89 58.2 48.1 72.1



#52
Acenaphthene
Concen: 41.790 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:154 Resp: 631395
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 53.2 42.6 64.0

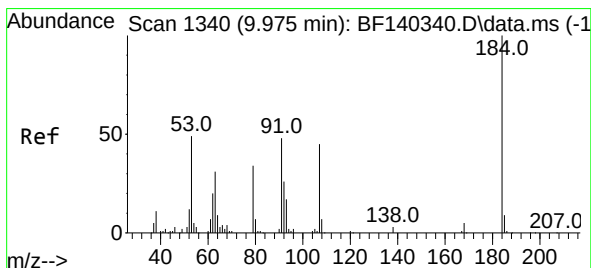
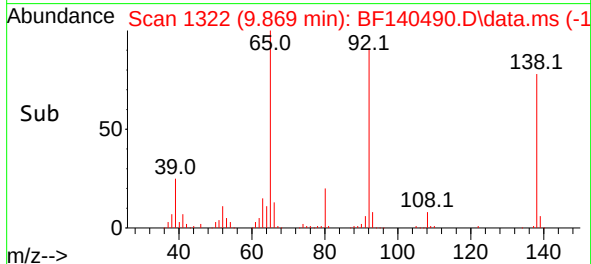
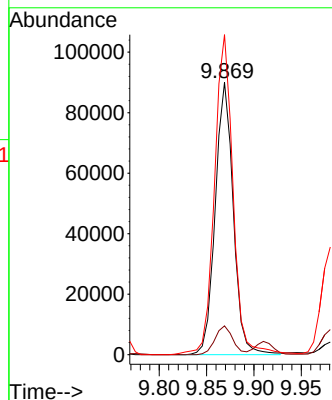
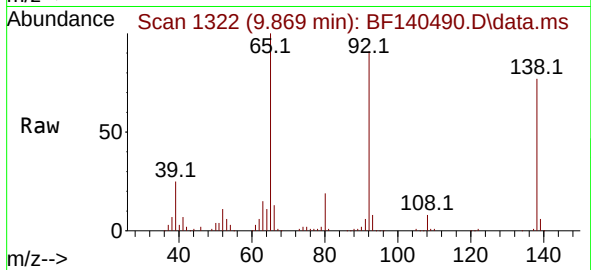




#53
3-Nitroaniline
Concen: 28.679 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

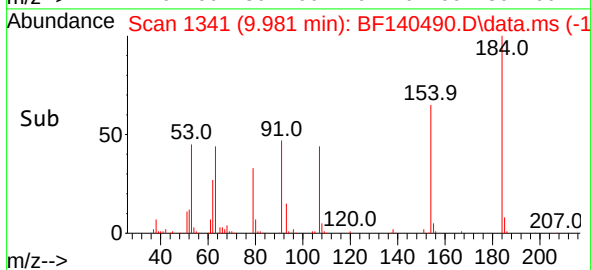
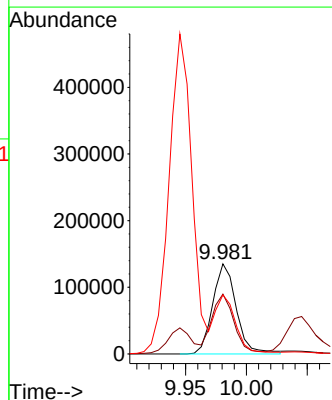
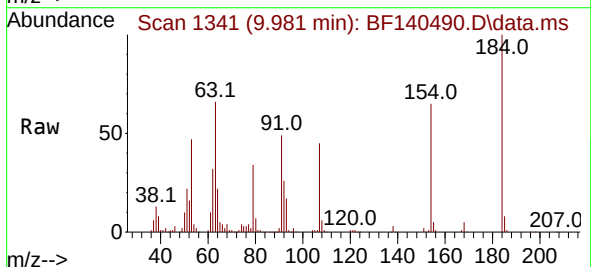
Instrument :
BNA_F
ClientSampleId :
PB165039BS

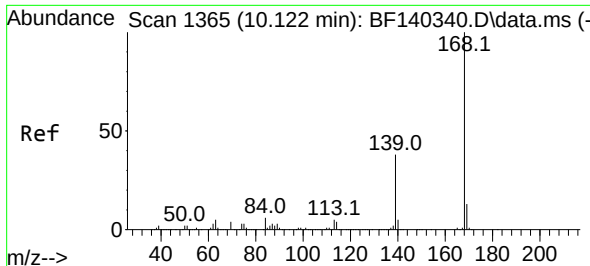
Tgt Ion:138 Resp: 119399
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 117.5 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 89.319 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:184 Resp: 182599
Ion Ratio Lower Upper
184 100
63 66.4 53.5 80.3
154 65.4 51.3 76.9

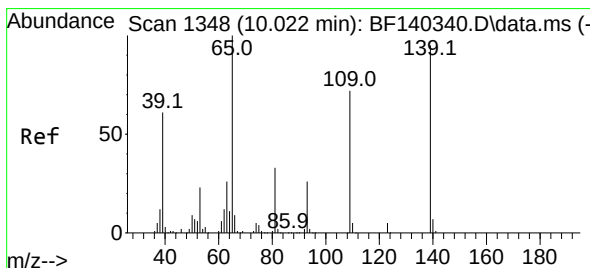
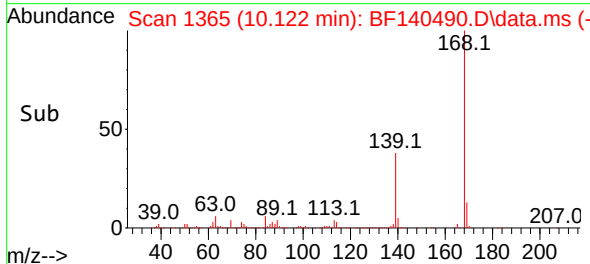
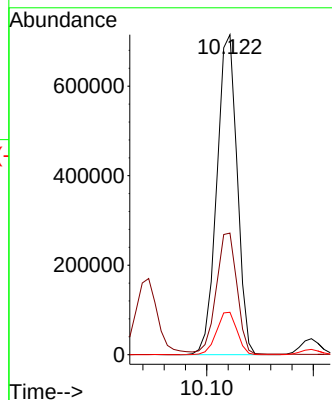
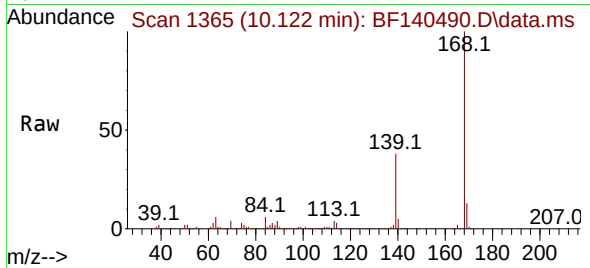




#55
Dibenzenofuran
Concen: 44.186 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

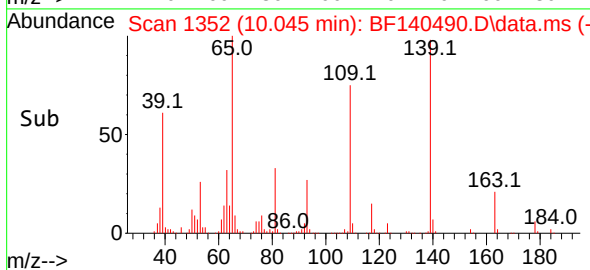
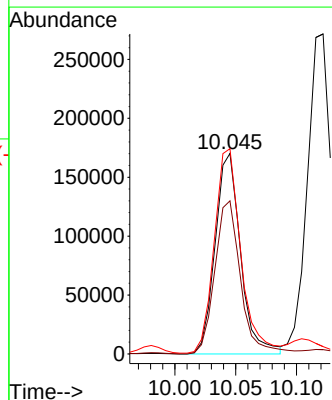
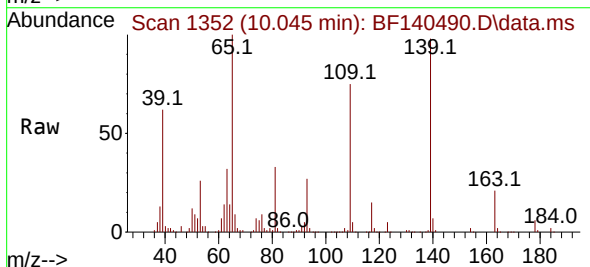
Instrument :
BNA_F
ClientSampleId :
PB165039BS

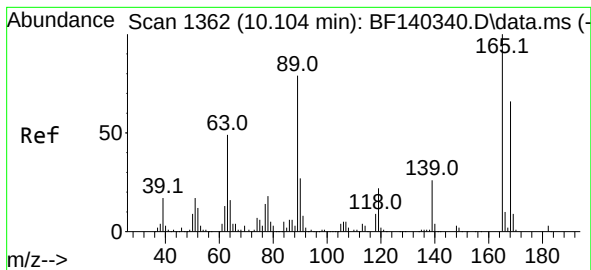
Tgt Ion:168 Resp: 945064
Ion Ratio Lower Upper
168 100
139 38.0 30.8 46.2
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 81.609 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:139 Resp: 247829
Ion Ratio Lower Upper
139 100
109 76.3 54.5 94.5
65 102.4 84.4 124.4

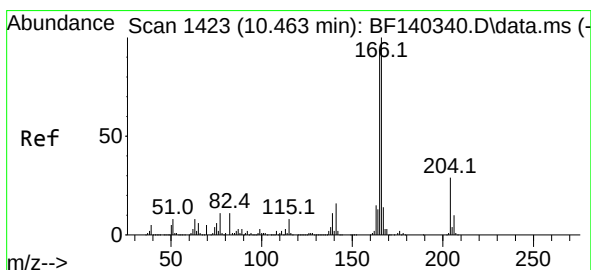
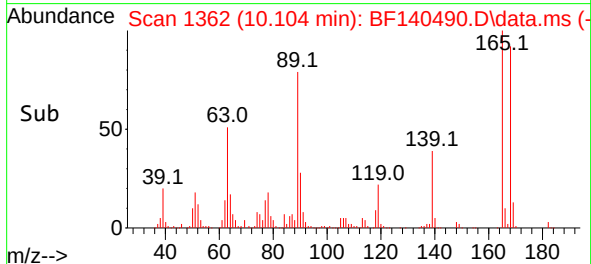
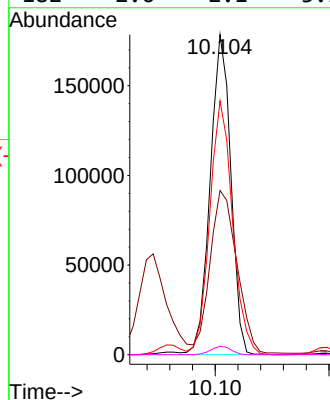
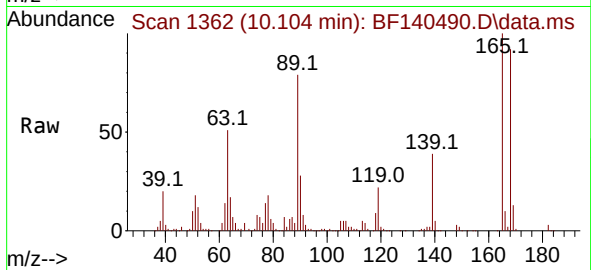




#57
2,4-Dinitrotoluene
Concen: 43.116 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

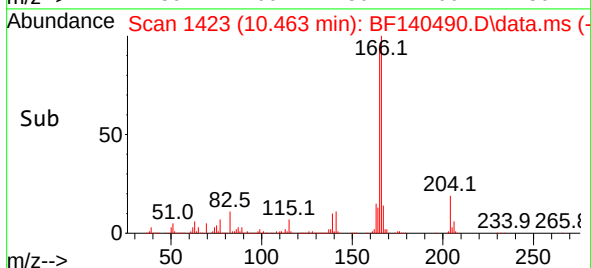
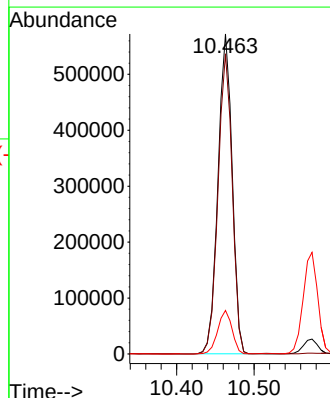
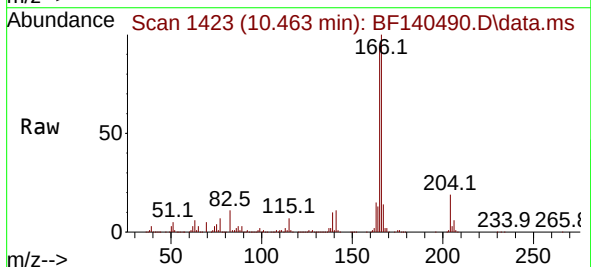
Instrument :
BNA_F
ClientSampleId :
PB165039BS

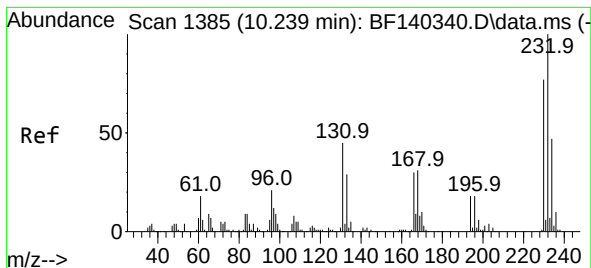
Tgt Ion:165 Resp: 224954
Ion Ratio Lower Upper
165 100
63 51.3 39.4 59.0
89 79.3 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 43.256 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:166 Resp: 730865
Ion Ratio Lower Upper
166 100
165 93.8 73.9 110.9
167 13.6 10.9 16.3



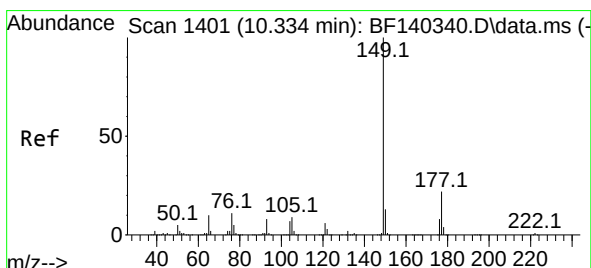
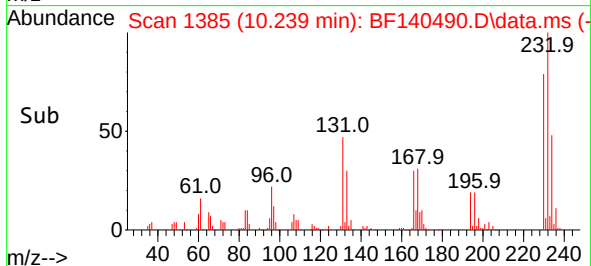
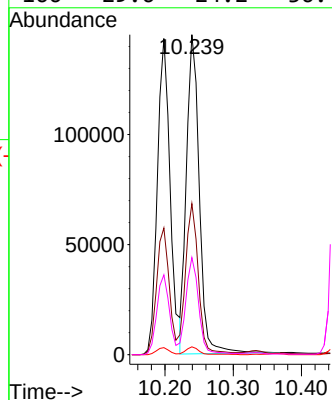
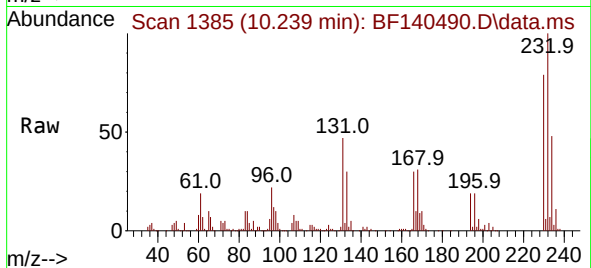


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.224 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion:232 Resp: 189017

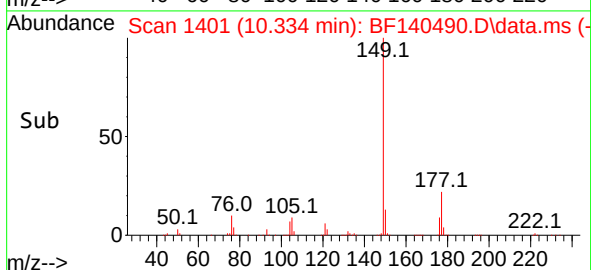
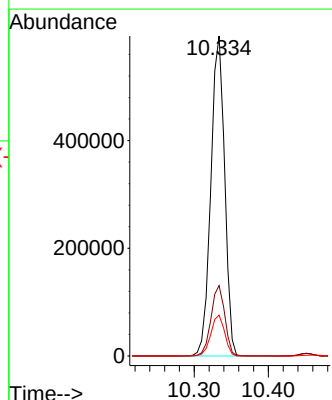
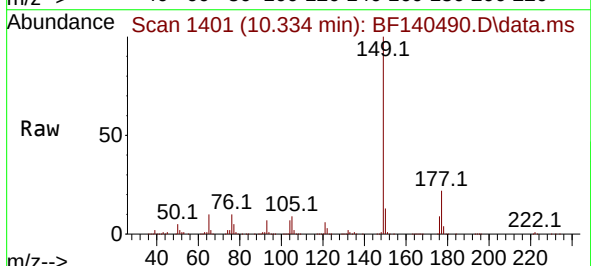
Ion	Ratio	Lower	Upper
232	100		
131	46.2	36.8	55.2
130	2.7	1.9	2.9
166	29.6	24.2	36.4

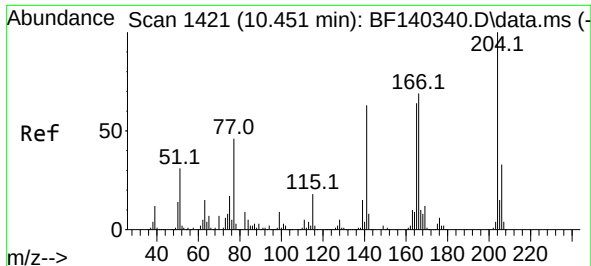


#60
Diethylphthalate
Concen: 43.105 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:149 Resp: 766473

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.5	26.3
150	12.8	10.1	15.1

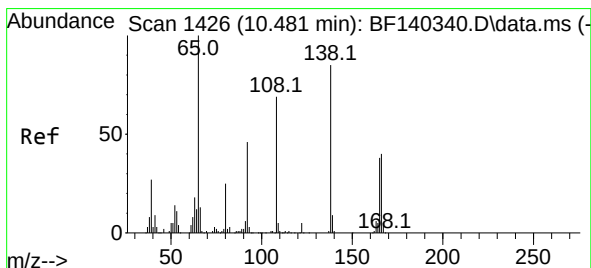
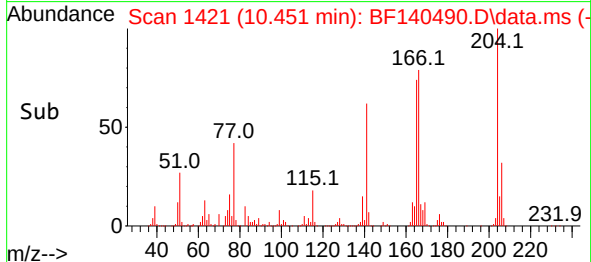
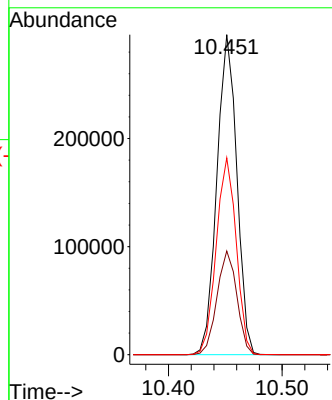
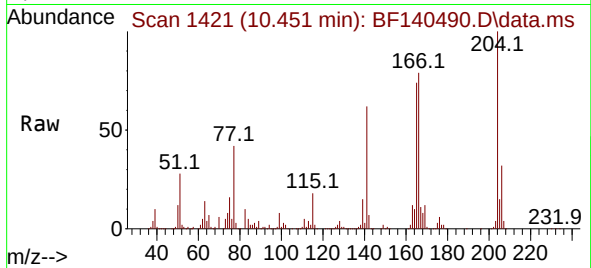




#61
4-Chlorophenyl-phenylether
Concen: 43.346 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

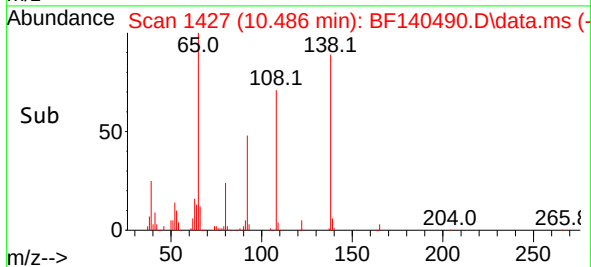
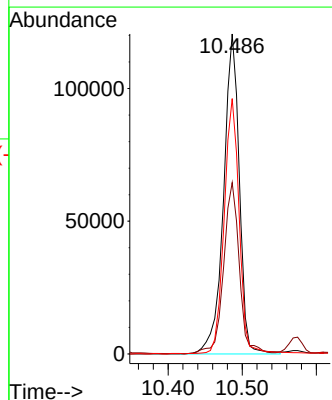
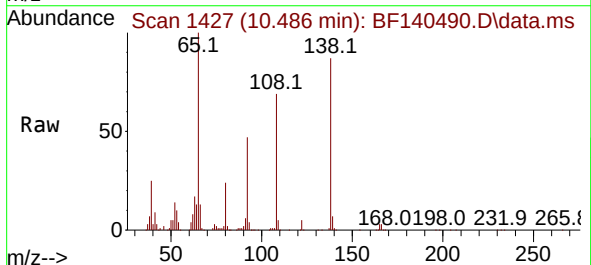
Instrument :
BNA_F
ClientSampleId :
PB165039BS

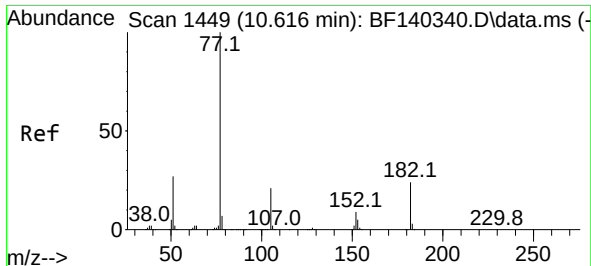
Tgt Ion:204 Resp: 361576
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 61.5 49.8 74.8



#62
4-Nitroaniline
Concen: 41.903 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:138 Resp: 178376
Ion Ratio Lower Upper
138 100
92 53.5 33.8 73.8
108 79.8 59.9 99.9

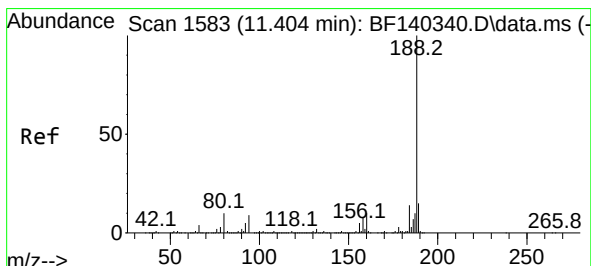
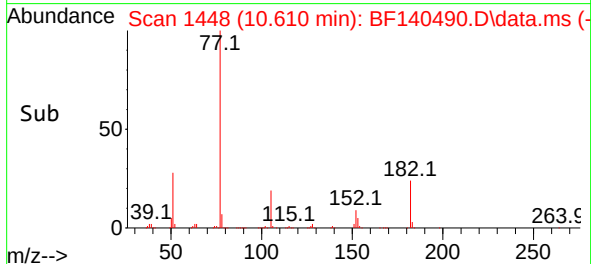
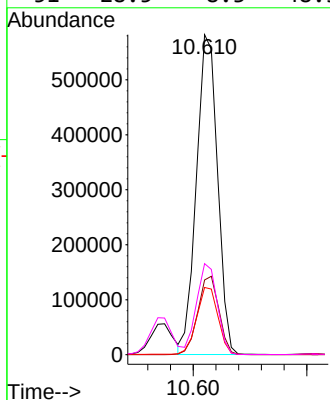
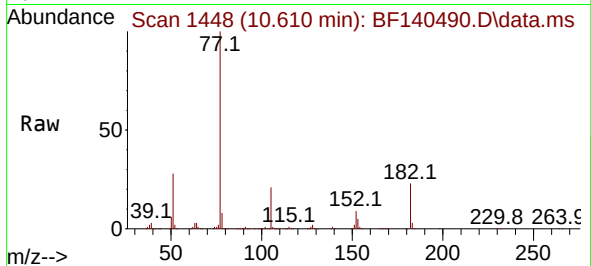




#63
Azobenzene
Concen: 42.842 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

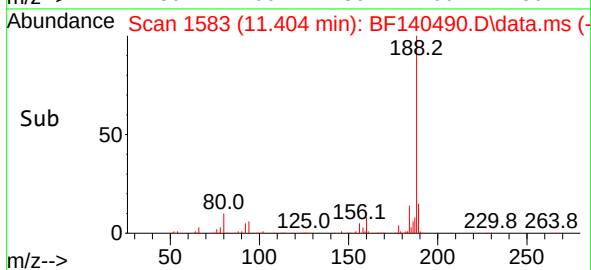
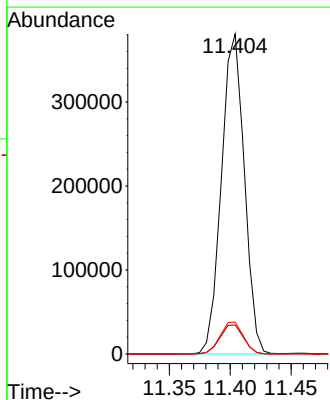
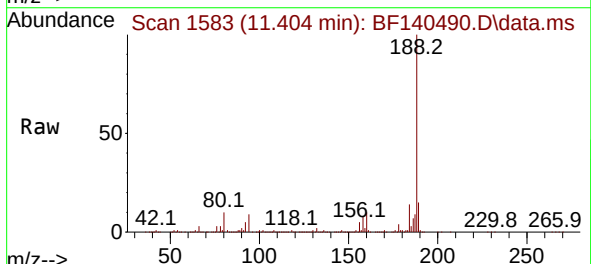
Instrument :
BNA_F
ClientSampleId :
PB165039BS

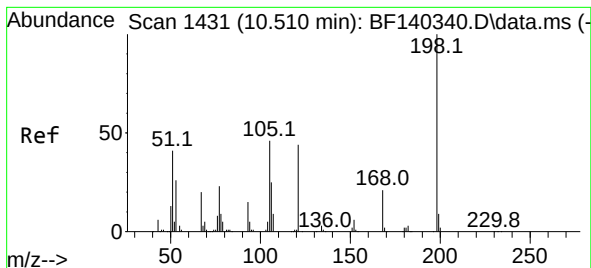
Tgt Ion: 77	Resp: 752699
Ion Ratio	Lower Upper
77 100	
182 23.4	4.6 44.6
105 21.0	0.9 40.9
51 28.5	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:188	Resp: 499057
Ion Ratio	Lower Upper
188 100	
94 9.1	7.6 11.4
80 9.9	8.0 12.0

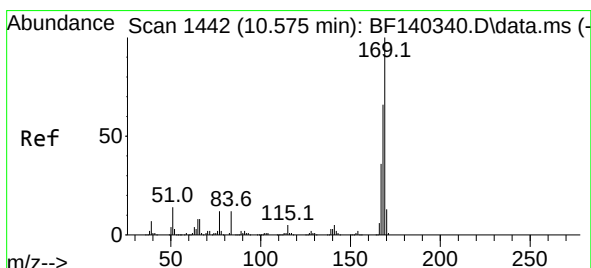
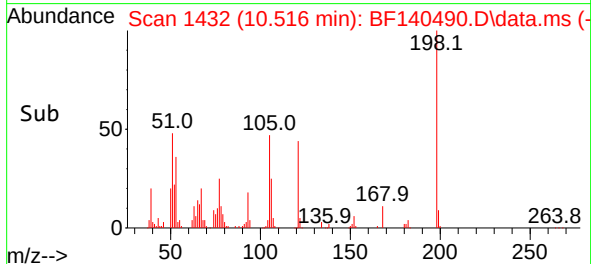
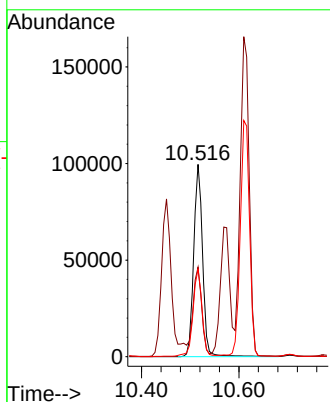
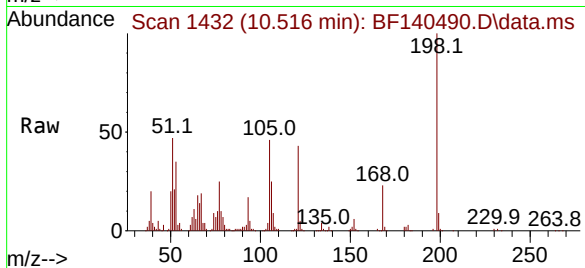




#65
4,6-Dinitro-2-methylphenol
Concen: 47.340 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

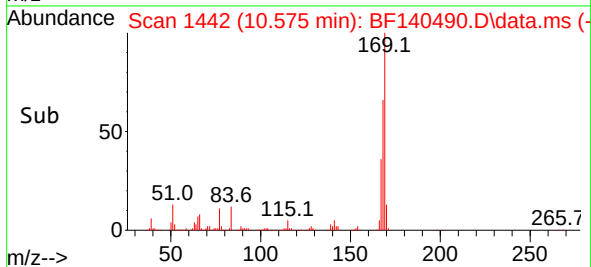
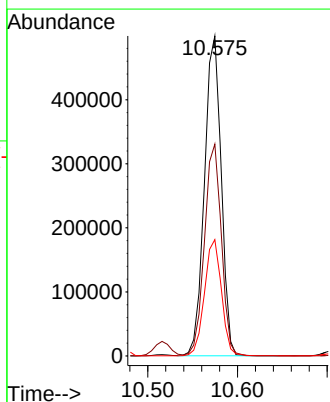
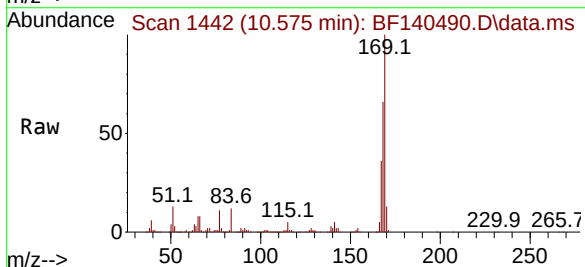
Instrument :
BNA_F
ClientSampleId :
PB165039BS

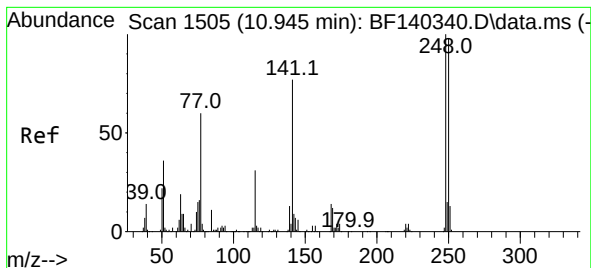
Tgt Ion:198 Resp: 127111
Ion Ratio Lower Upper
198 100
51 46.5 29.7 69.7
105 45.6 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 44.909 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:169 Resp: 647570
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.3 29.3 43.9

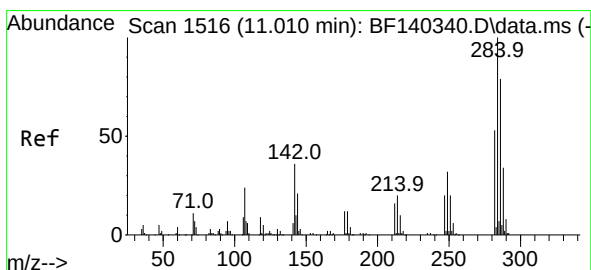
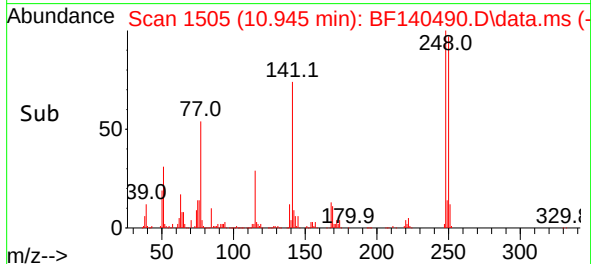
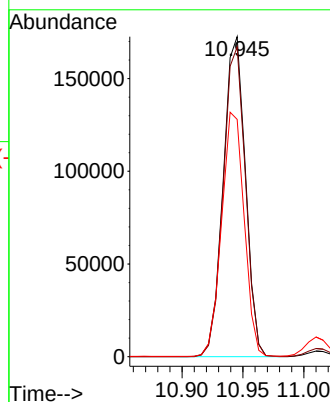
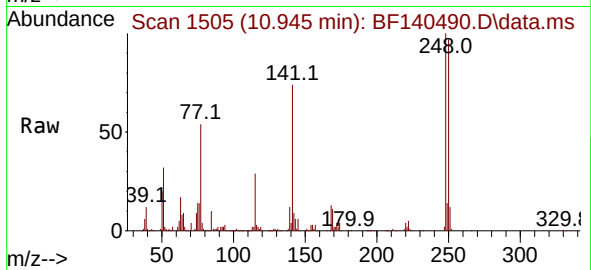




#67
4-Bromophenyl-phenylether
Concen: 44.072 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

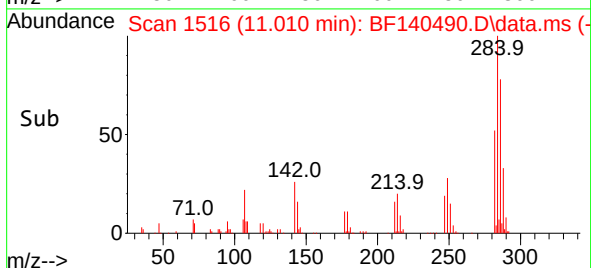
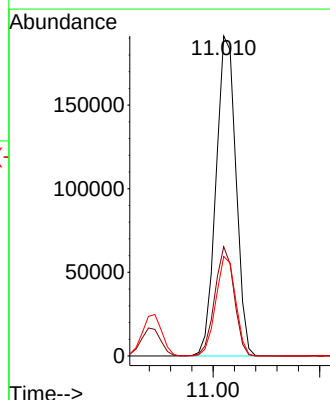
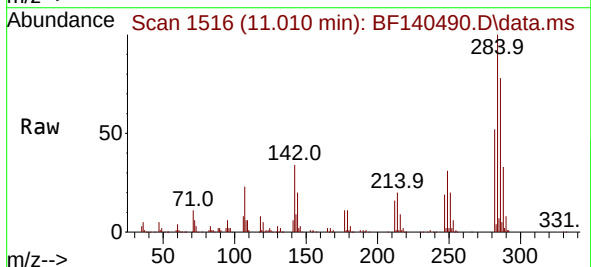
Instrument :
BNA_F
ClientSampleId :
PB165039BS

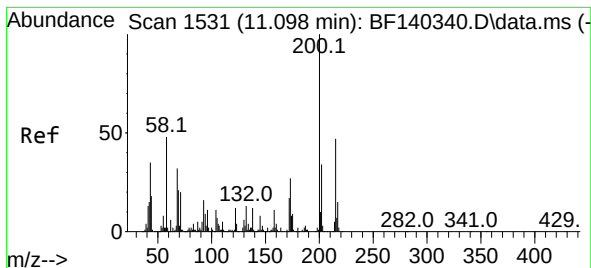
Tgt Ion:248 Resp: 219858
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 74.2 61.8 92.6



#68
Hexachlorobenzene
Concen: 44.242 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:284 Resp: 248327
Ion Ratio Lower Upper
284 100
142 34.1 28.1 42.1
249 31.1 24.9 37.3





#69

Atrazine

Concen: 49.470 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

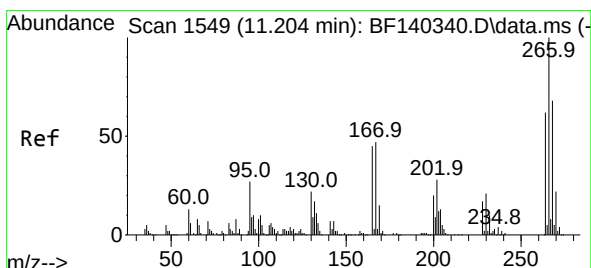
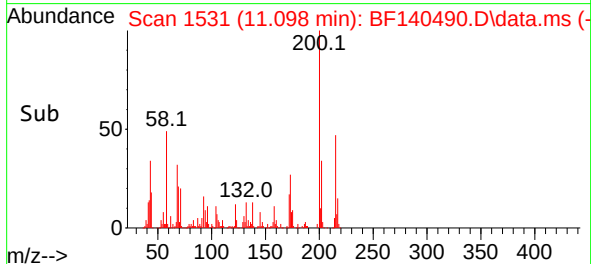
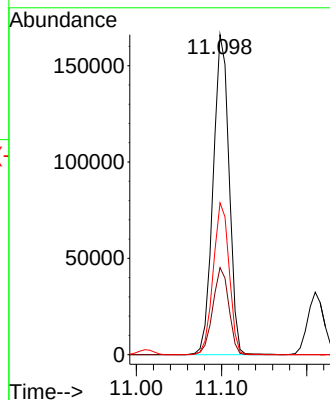
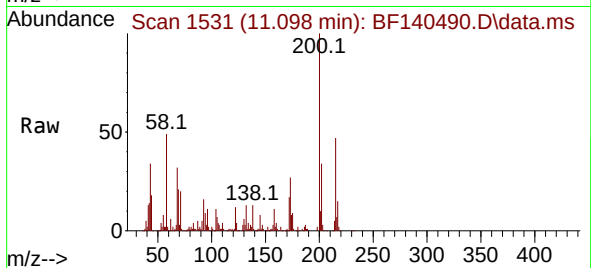
Tgt Ion:200 Resp: 215817

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

215 47.5 27.2 67.2



#70

Pentachlorophenol

Concen: 84.279 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

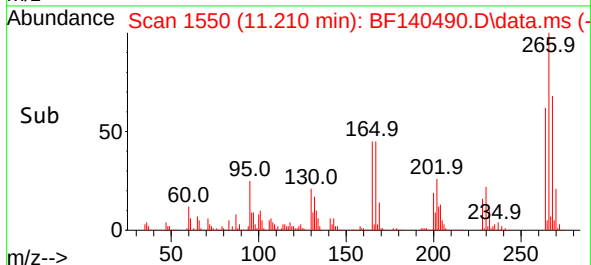
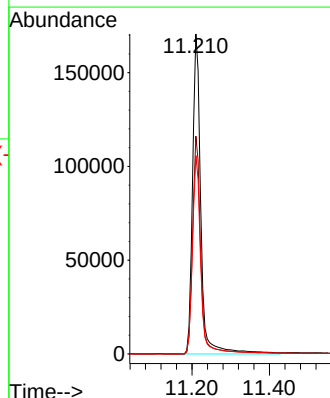
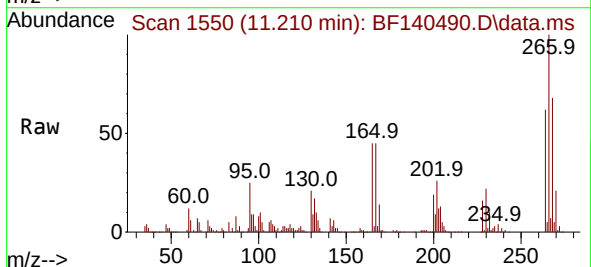
Tgt Ion:266 Resp: 254817

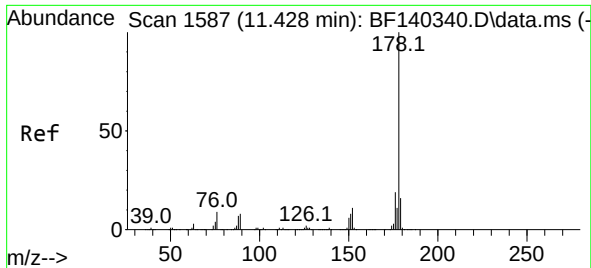
Ion Ratio Lower Upper

266 100

268 68.1 52.9 79.3

264 62.0 50.3 75.5

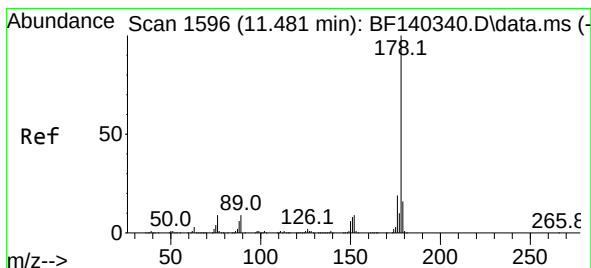
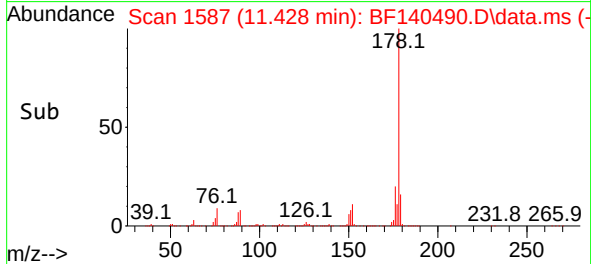
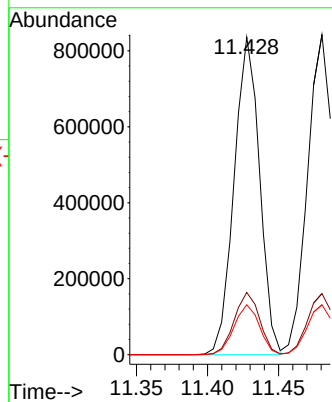
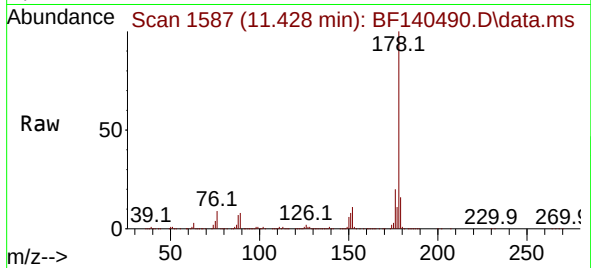




#71
Phenanthrene
Concen: 44.483 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

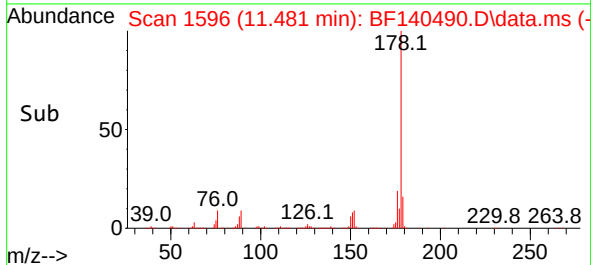
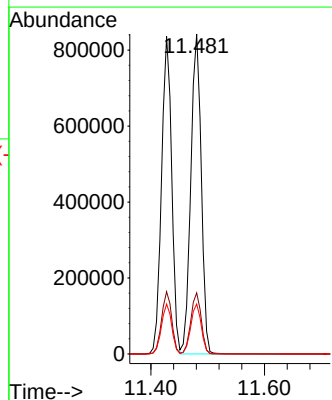
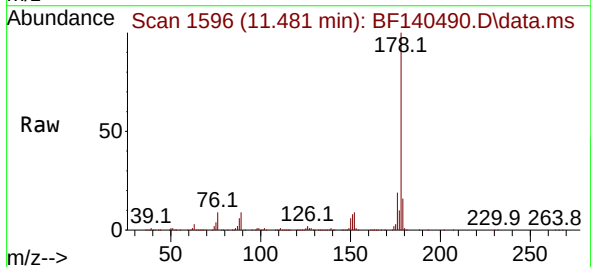
Instrument :
BNA_F
ClientSampleId :
PB165039BS

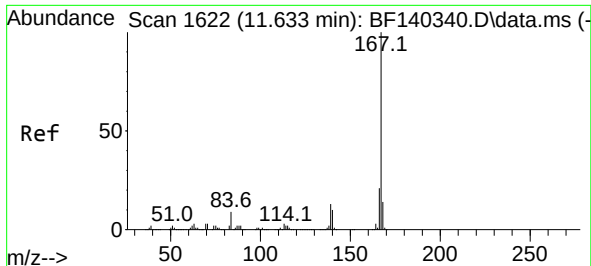
Tgt Ion:178 Resp: 1042842
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.4 18.6



#72
Anthracene
Concen: 46.884 ng
RT: 11.481 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:178 Resp: 1077211
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.6 18.8

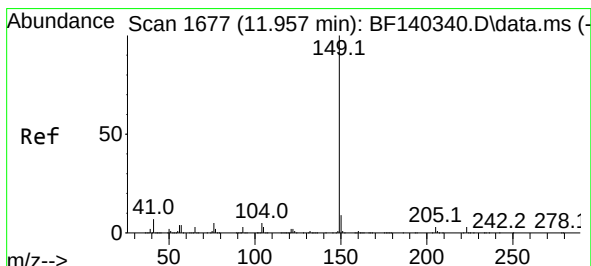
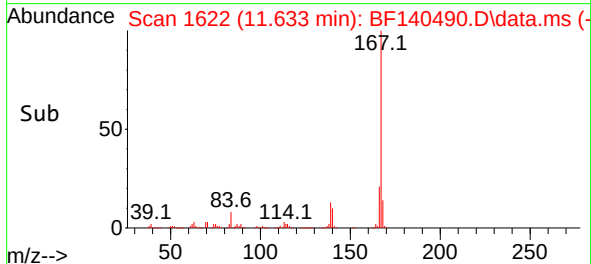
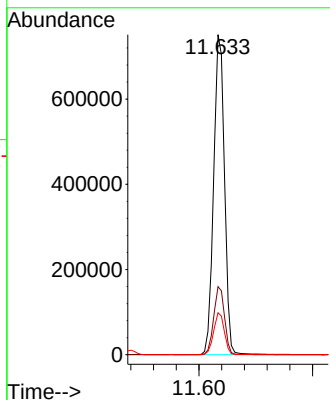
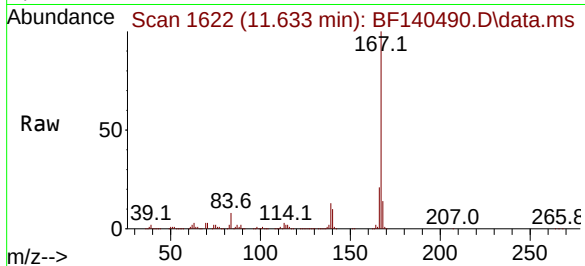




#73
 Carbazole
 Concen: 43.591 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF140490.D
 Acq: 20 Nov 2024 10:23

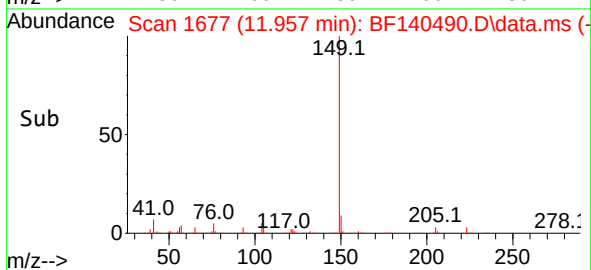
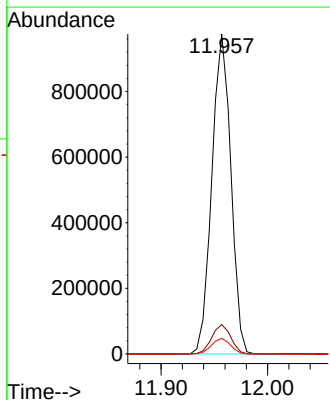
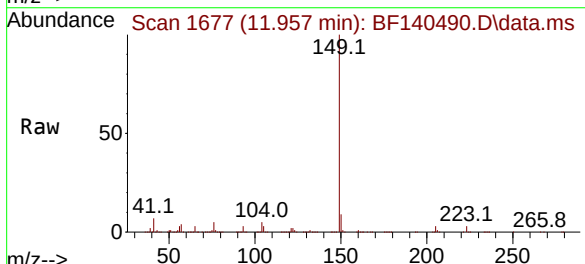
Instrument :
 BNA_F
 ClientSampleId :
 PB165039BS

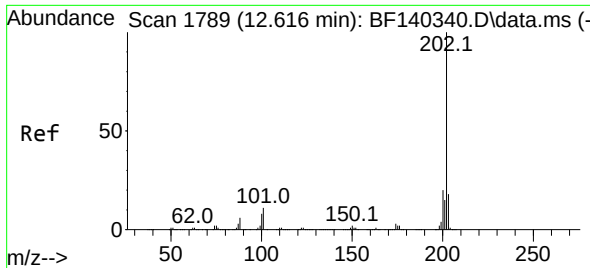
Tgt Ion:167 Resp: 988923
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.1 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 44.299 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140490.D
 Acq: 20 Nov 2024 10:23

Tgt Ion:149 Resp: 1206217
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 4.0 6.0

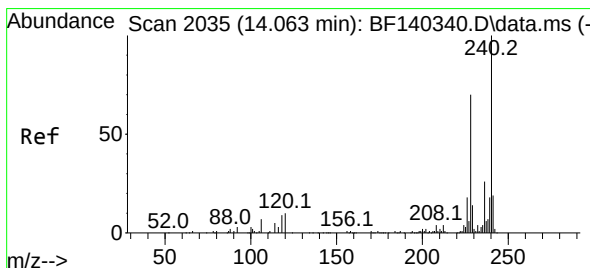
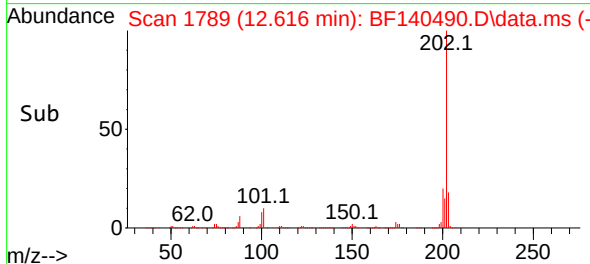
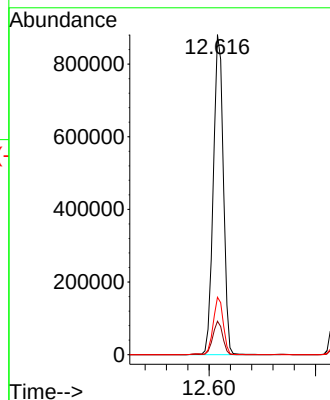
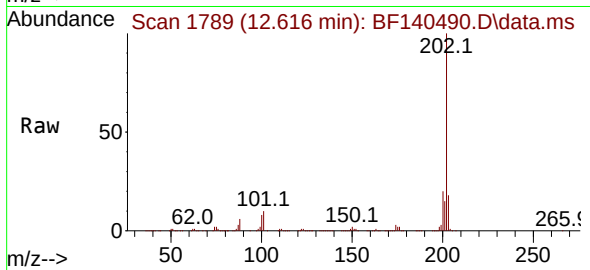




#75
Fluoranthene
Concen: 43.879 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

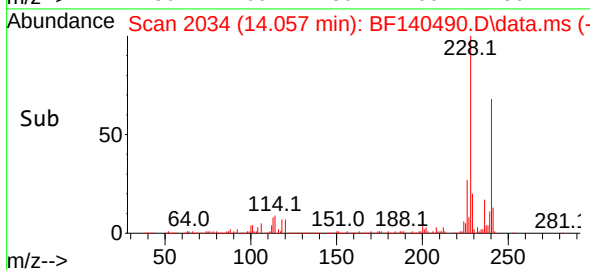
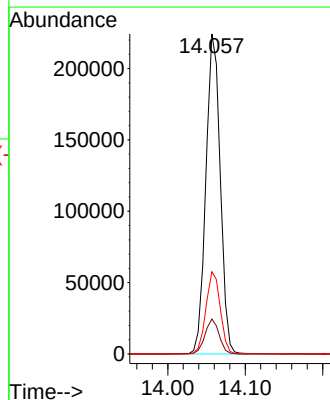
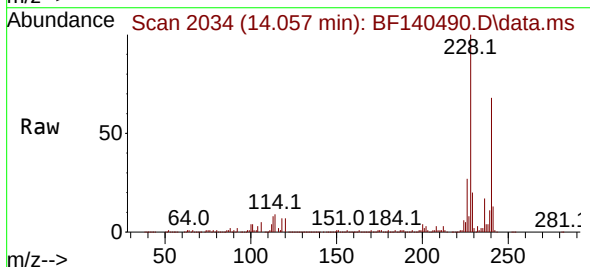
Instrument :
BNA_F
ClientSampleId :
PB165039BS

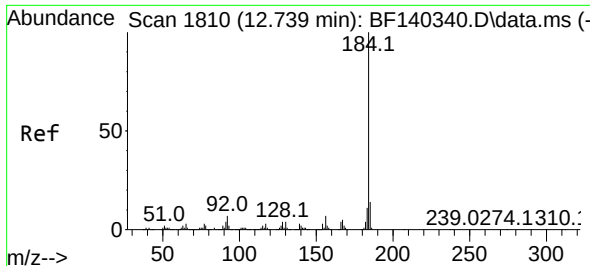
Tgt Ion:202 Resp: 1154082
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:240 Resp: 288313
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.7 20.9 31.3

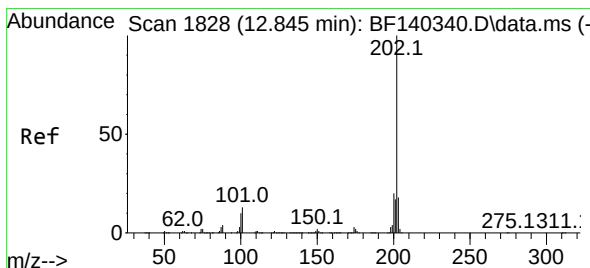
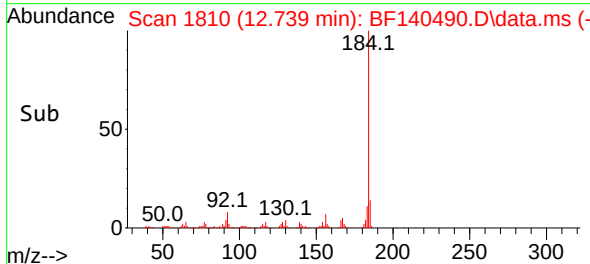
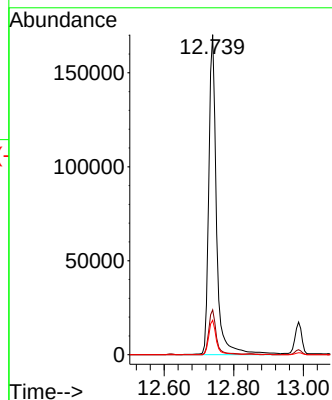
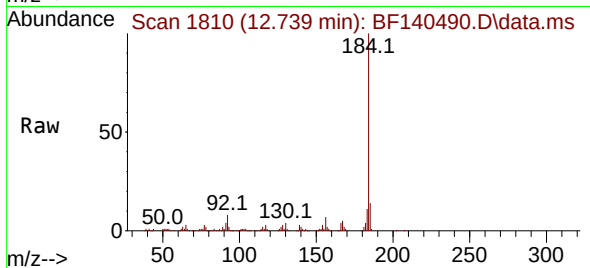




#77
Benzidine
Concen: 23.705 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

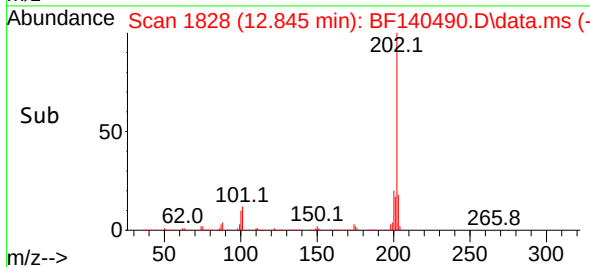
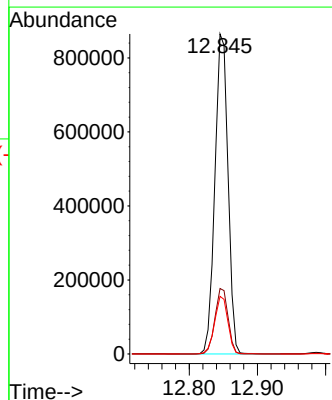
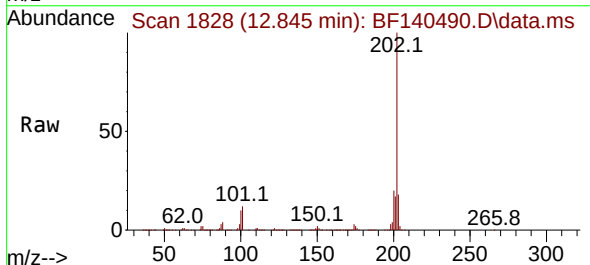
Instrument :
BNA_F
ClientSampleId :
PB165039BS

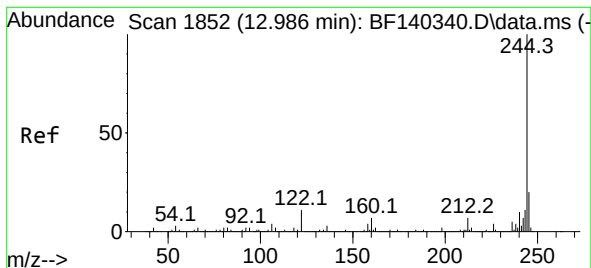
Tgt Ion:184 Resp: 262307
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 10.8 8.6 13.0



#78
Pyrene
Concen: 46.905 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

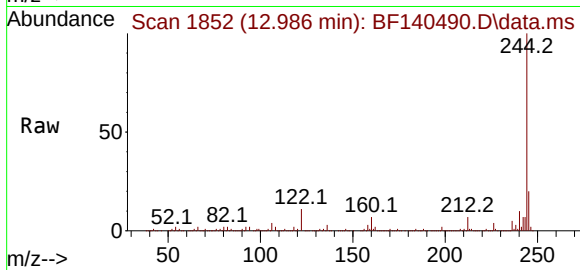
Tgt Ion:202 Resp: 1156753
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 18.0 14.2 21.4



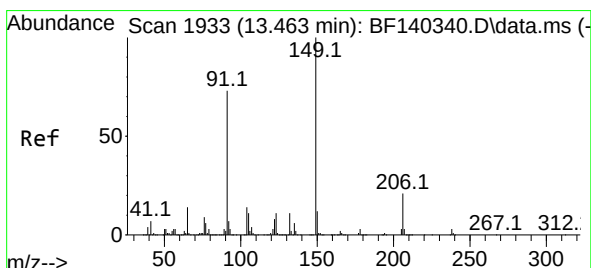
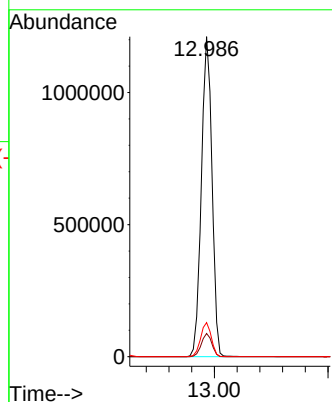
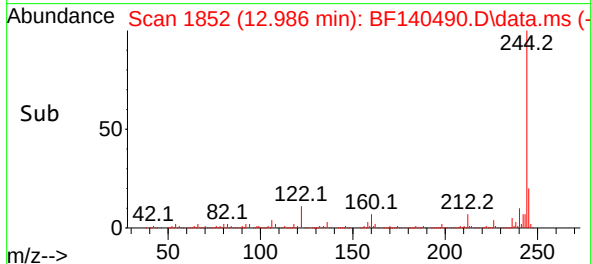


#79
Terphenyl-d14
Concen: 94.762 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Instrument :
BNA_F
ClientSampleId :
PB165039BS

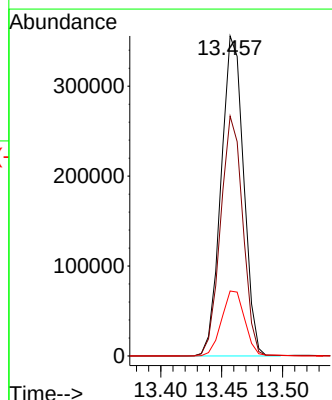
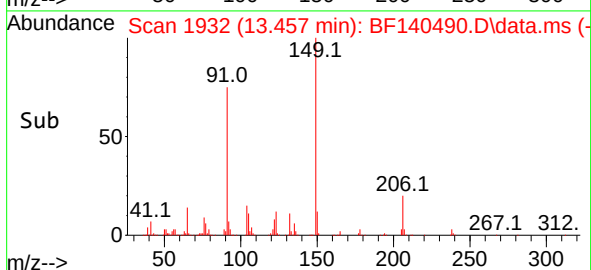
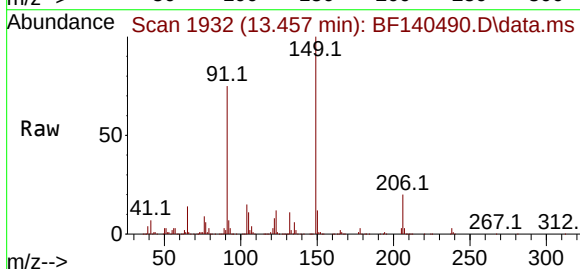


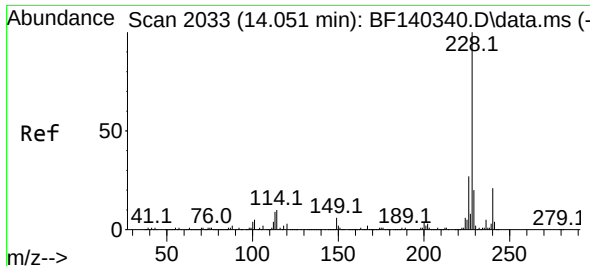
Tgt Ion:244 Resp: 1573985
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.6 8.8 13.2



#80
Butylbenzylphthalate
Concen: 48.322 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:149 Resp: 457787
Ion Ratio Lower Upper
149 100
91 75.0 61.0 91.4
206 20.3 16.1 24.1

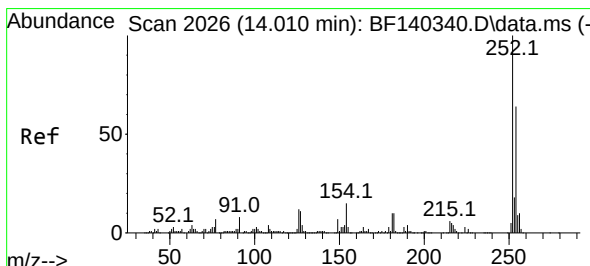
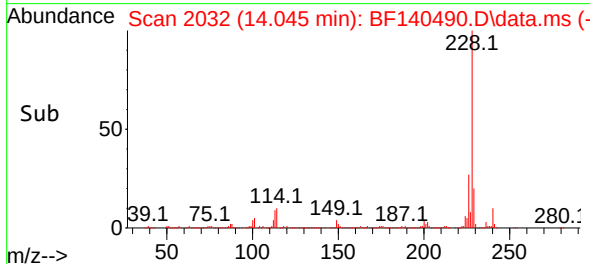
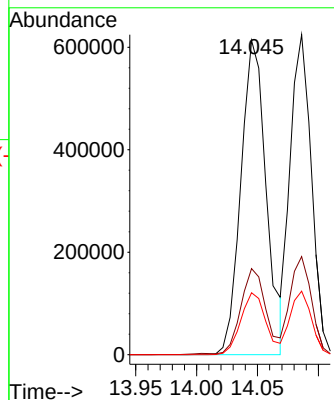
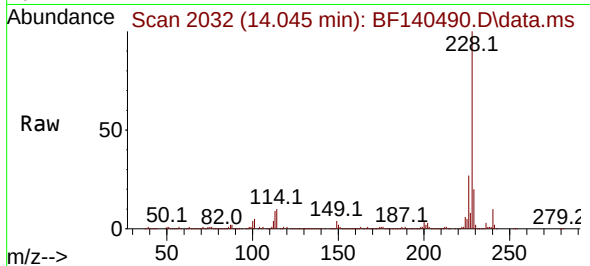




#81
Benzo(a)anthracene
Concen: 46.861 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

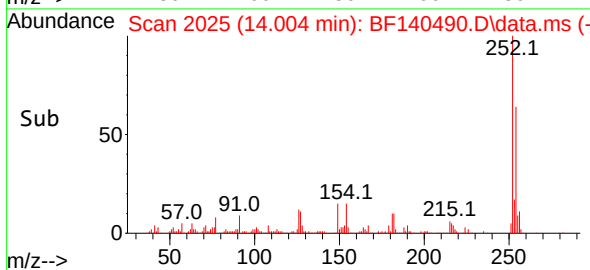
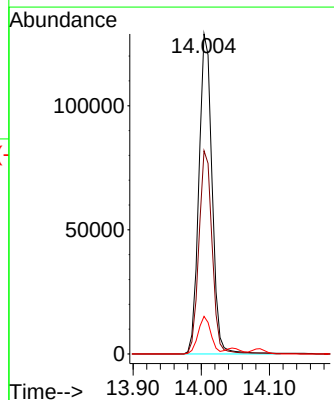
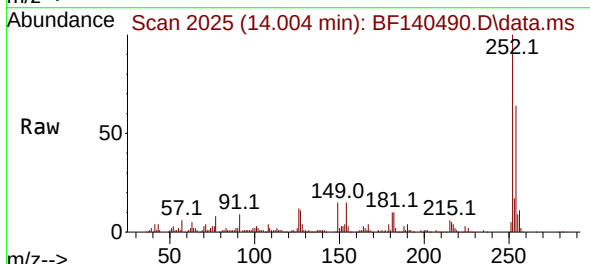
Instrument :
BNA_F
ClientSampleId :
PB165039BS

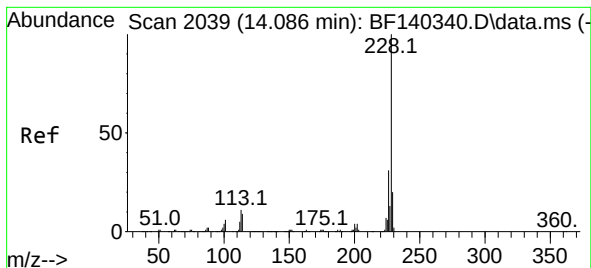
Tgt Ion:228	Resp: 887946
Ion Ratio	Lower Upper
228	100
226	27.4 22.2 33.4
229	19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 28.745 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:252	Resp: 173127
Ion Ratio	Lower Upper
252	100
254	63.5 51.4 77.2
126	11.8 9.4 14.0





#83

Chrysene

Concen: 43.906 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

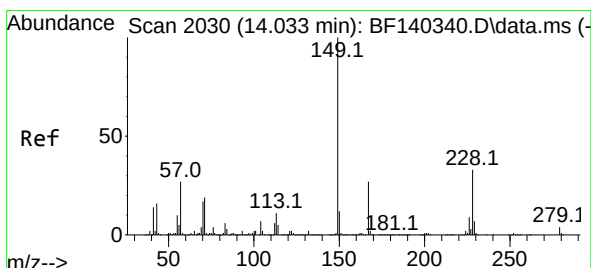
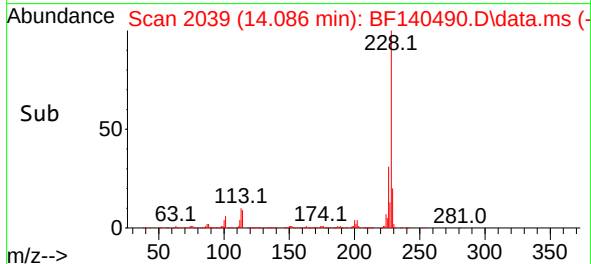
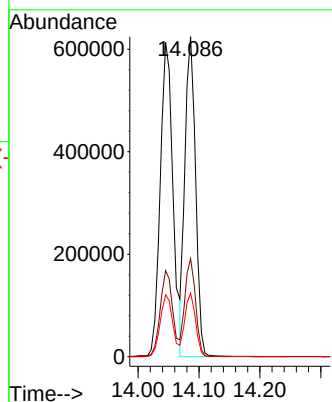
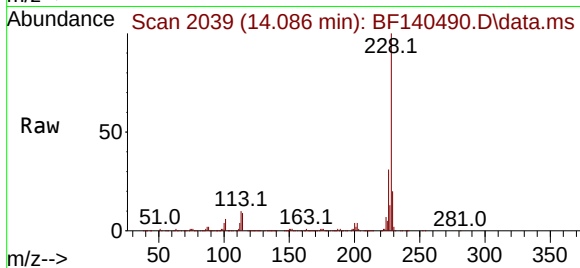
Tgt Ion:228 Resp: 759099

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.964 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

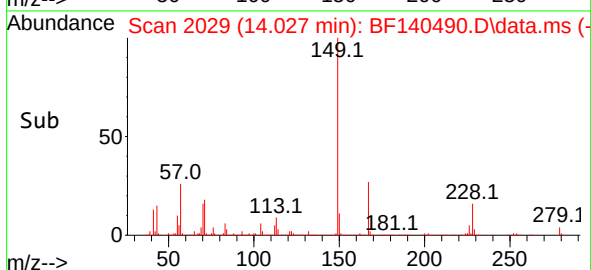
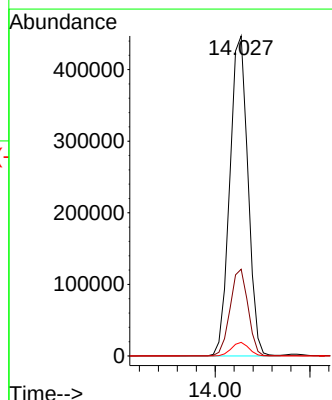
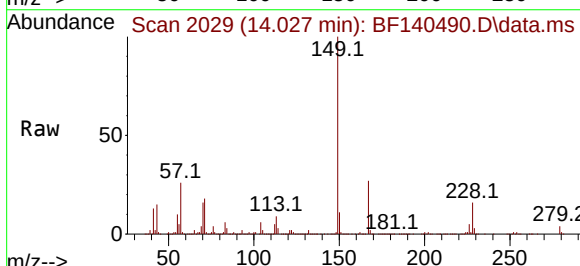
Tgt Ion:149 Resp: 593875

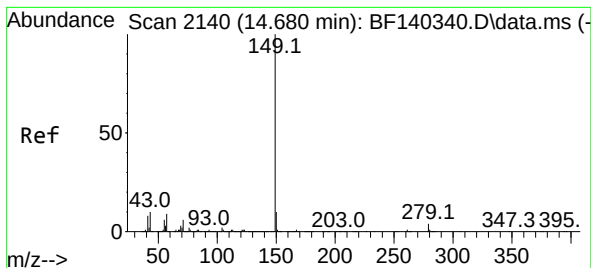
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.567 ng

RT: 14.663 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

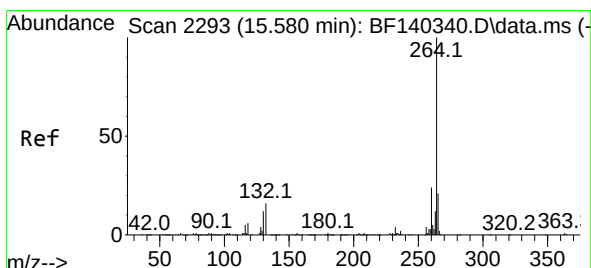
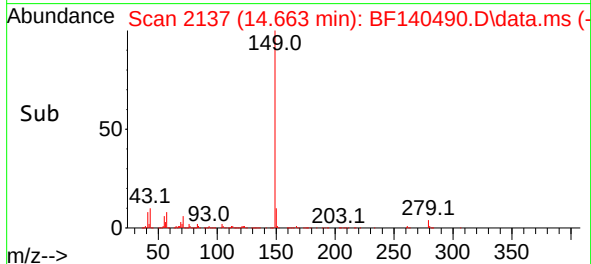
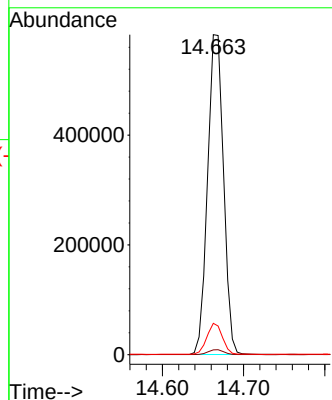
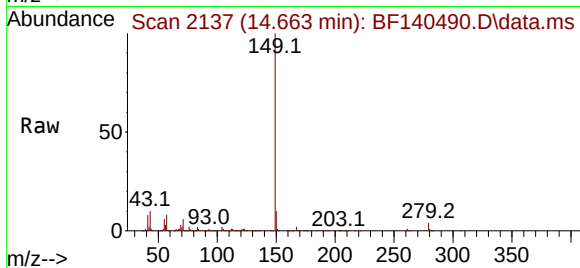
Tgt Ion:149 Resp: 793712

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.569 min Scan# 2291

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

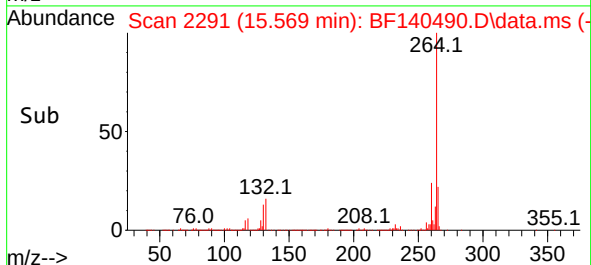
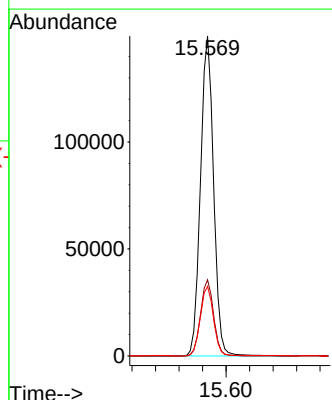
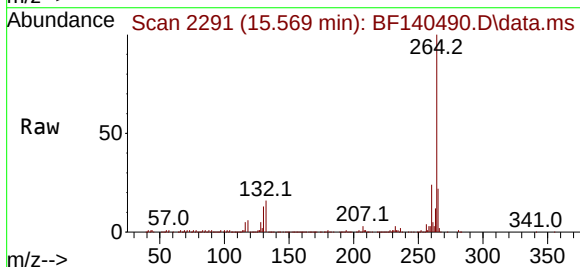
Tgt Ion:264 Resp: 231323

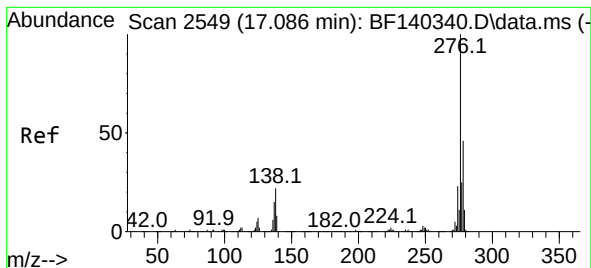
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.479 ng

RT: 17.086 min Scan# 2116

Delta R.T. 0.029 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

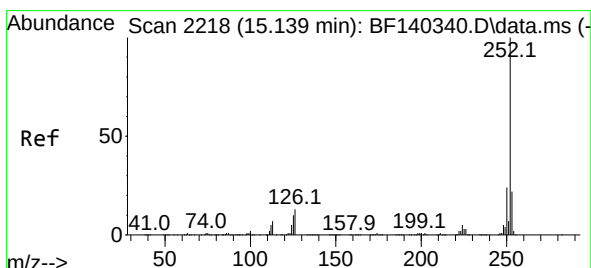
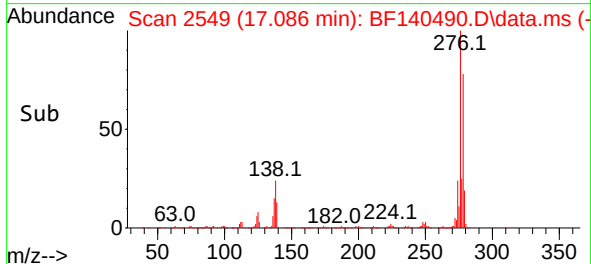
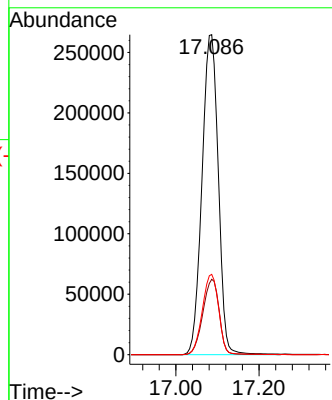
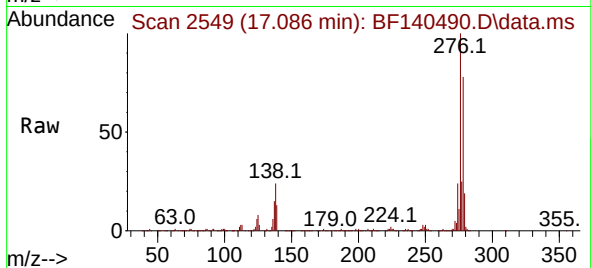
Tgt Ion:276 Resp: 721322

Ion Ratio Lower Upper

276 100

138 23.6 18.8 28.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.587 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

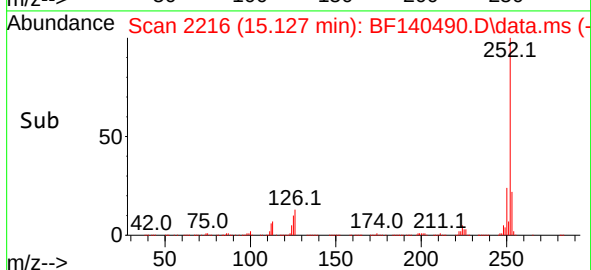
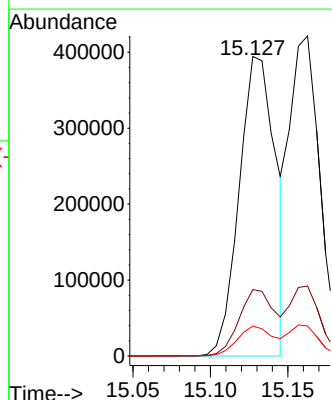
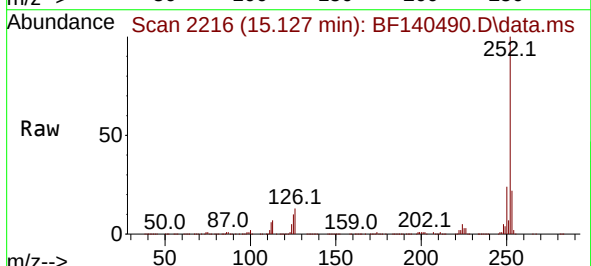
Tgt Ion:252 Resp: 644433

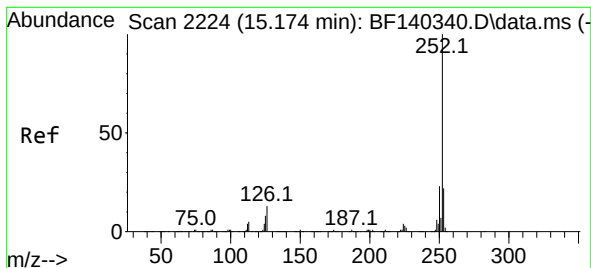
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.235 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

Instrument :

BNA_F

ClientSampleId :

PB165039BS

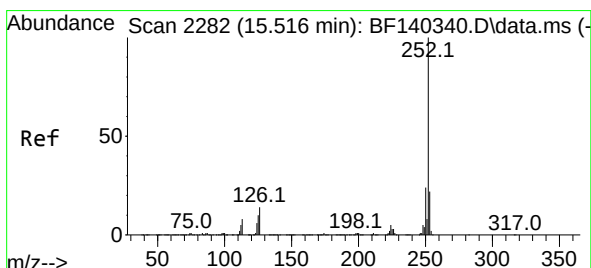
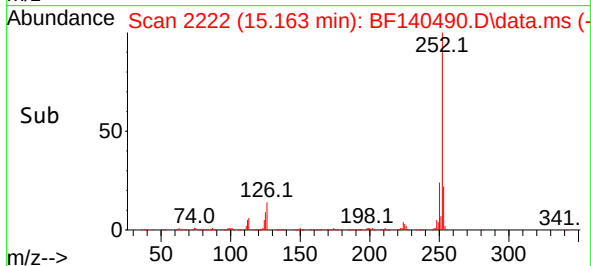
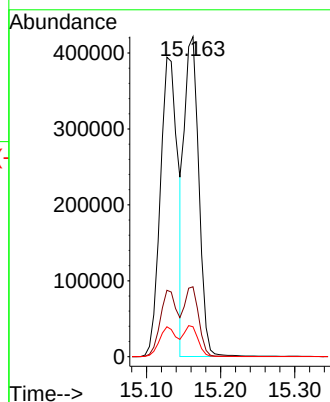
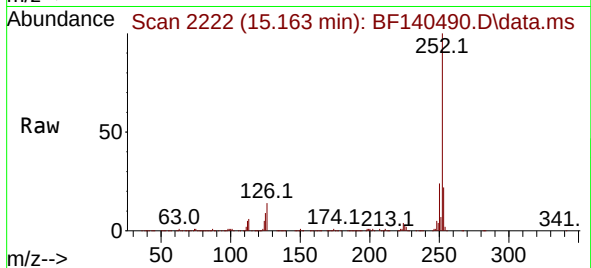
Tgt Ion:252 Resp: 571544

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.818 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140490.D

Acq: 20 Nov 2024 10:23

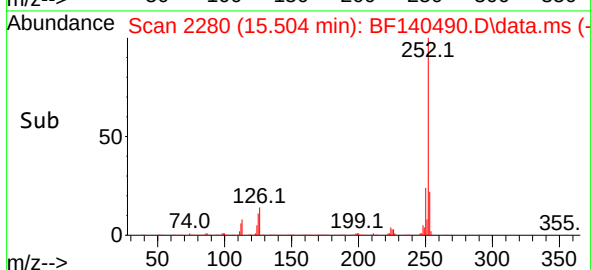
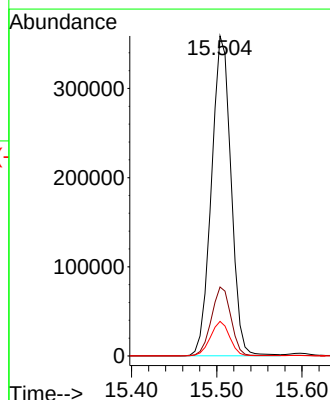
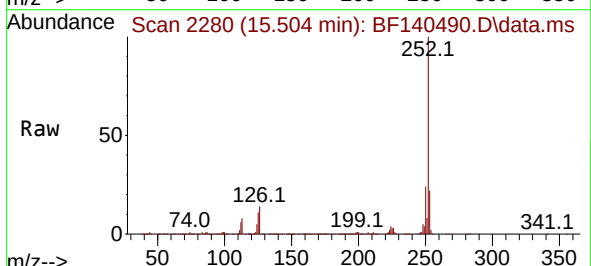
Tgt Ion:252 Resp: 573657

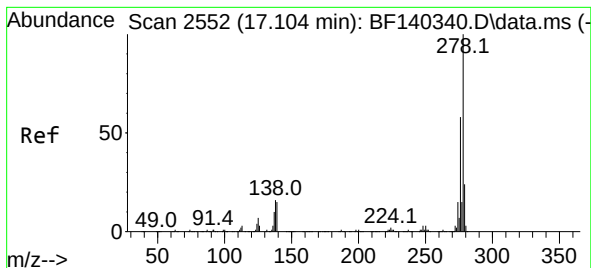
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 10.8 8.4 12.6

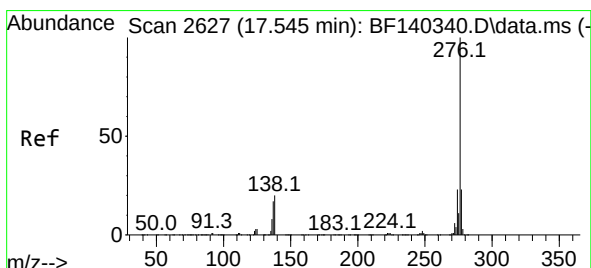
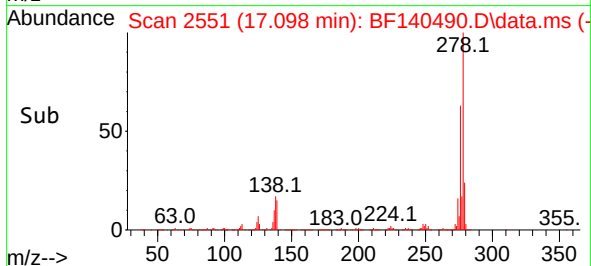
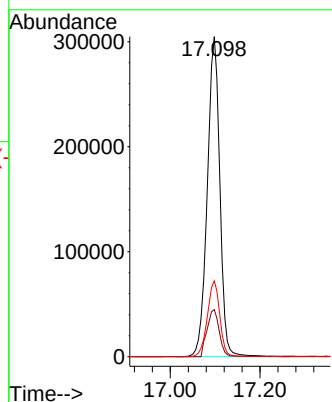
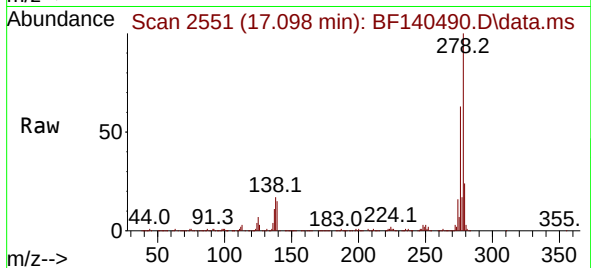




#91
Dibenzo(a,h)anthracene
Concen: 50.083 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

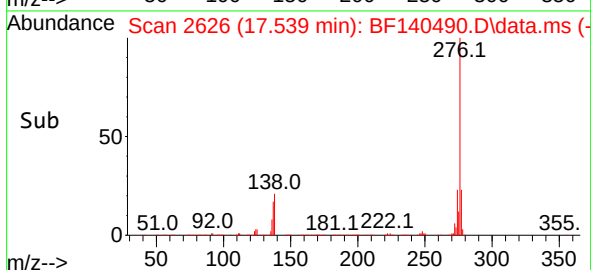
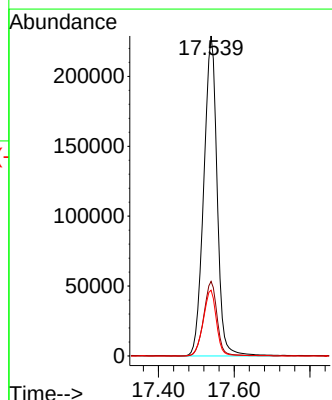
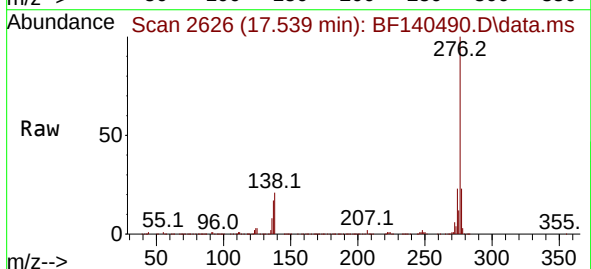
Instrument :
BNA_F
ClientSampleId :
PB165039BS

Tgt Ion:278 Resp: 591563
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 46.417 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.024 min
Lab File: BF140490.D
Acq: 20 Nov 2024 10:23

Tgt Ion:276 Resp: 560505
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 20.6 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140491.D
 Acq On : 20 Nov 2024 10:49
 Operator : RC/JU
 Sample : PB165039BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

Quant Time: Nov 20 11:26:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	121736	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	462447	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	259407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	492347	20.000	ng	0.00
76) Chrysene-d12	14.057	240	292939	20.000	ng	0.00
86) Perylene-d12	15.568	264	237975	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	861930	120.888	ng	0.02
7) Phenol-d6	6.516	99	1125959	116.559	ng	0.01
23) Nitrobenzene-d5	7.434	82	734239	82.725	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	337968	131.016	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1381434	85.608	ng	0.00
79) Terphenyl-d14	12.986	244	1574473	93.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	120012	37.766	ng	97
3) Pyridine	3.493	79	306008	39.170	ng	99
4) n-Nitrosodimethylamine	3.446	42	163019	41.287	ng	98
6) Aniline	6.540	93	314213	37.392	ng	# 63
8) 2-Chlorophenol	6.663	128	344192	44.940	ng	98
9) Benzaldehyde	6.428	77	221462	38.252	ng	98
10) Phenol	6.528	94	431969	42.403	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	340281	44.084	ng	99
12) 1,3-Dichlorobenzene	6.816	146	354222	41.917	ng	100
13) 1,4-Dichlorobenzene	6.893	146	358495	41.838	ng	99
14) 1,2-Dichlorobenzene	7.046	146	345395	43.421	ng	99
15) Benzyl Alcohol	7.016	79	313056	44.981	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	439921	41.261	ng	75
17) 2-Methylphenol	7.134	107	272538	43.257	ng	# 93
18) Hexachloroethane	7.381	117	133272	42.072	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	244474	41.903	ng	99
20) 3+4-Methylphenols	7.287	107	345679	43.871	ng	98
22) Acetophenone	7.281	105	459909	42.760	ng	99
24) Nitrobenzene	7.457	77	381425	41.275	ng	99
25) Isophorone	7.693	82	680917	43.287	ng	100
26) 2-Nitrophenol	7.769	139	183934	44.853	ng	98
27) 2,4-Dimethylphenol	7.810	122	265419	50.555	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	411343	42.646	ng	99
29) 2,4-Dichlorophenol	8.016	162	290874	44.830	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	298628	41.340	ng	99
31) Naphthalene	8.175	128	1008837	43.004	ng	100
32) Benzoic acid	7.940	122	196256	42.482	ng	98
33) 4-Chloroaniline	8.228	127	164503	20.164	ng	99
34) Hexachlorobutadiene	8.287	225	192600	41.846	ng	100
35) Caprolactam	8.592	113	64289	29.811	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	327203	45.505	ng	99
37) 2-Methylnaphthalene	8.869	142	655213	43.558	ng	100
38) 1-Methylnaphthalene	8.969	142	608630	41.319	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	311076	43.365	ng	99
41) Hexachlorocyclopentadiene	9.016	237	295724	160.562	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	209705	44.545	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140491.D
 Acq On : 20 Nov 2024 10:49
 Operator : RC/JU
 Sample : PB165039BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

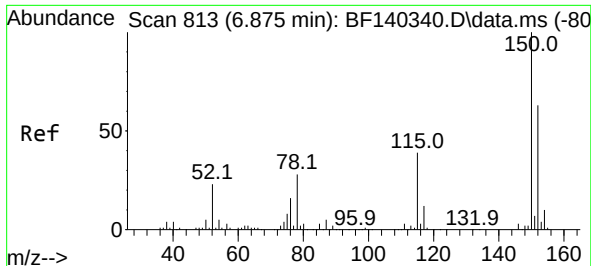
Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

Quant Time: Nov 20 11:26:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	220709	42.881	ng	98
46) 1,1'-Biphenyl	9.334	154	817776	43.333	ng	99
47) 2-Chloronaphthalene	9.357	162	613068	42.646	ng	99
48) 2-Nitroaniline	9.457	65	212944	44.665	ng	99
49) Acenaphthylene	9.775	152	1016892	46.753	ng	100
50) Dimethylphthalate	9.634	163	761997	45.066	ng	100
51) 2,6-Dinitrotoluene	9.698	165	167442	43.438	ng	97
52) Acenaphthene	9.945	154	615587	41.903	ng	99
53) 3-Nitroaniline	9.869	138	113479	28.032	ng	100
54) 2,4-Dinitrophenol	9.981	184	179443	90.272	ng	99
55) Dibenzofuran	10.122	168	926220	44.537	ng	100
56) 4-Nitrophenol	10.045	139	246266	83.401	ng	99
57) 2,4-Dinitrotoluene	10.104	165	226880	44.722	ng	99
58) Fluorene	10.463	166	728499	44.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	191962	47.235	ng	100
60) Diethylphthalate	10.334	149	763965	44.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	357046	44.021	ng	99
62) 4-Nitroaniline	10.486	138	178849	43.209	ng	97
63) Azobenzene	10.610	77	754707	44.178	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	126971	47.933	ng	96
66) n-Nitrosodiphenylamine	10.575	169	649271	45.641	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	219437	44.587	ng	97
68) Hexachlorobenzene	11.010	284	244889	44.224	ng	99
69) Atrazine	11.098	200	215183	49.997	ng	99
70) Pentachlorophenol	11.210	266	251973	84.474	ng	99
71) Phenanthrene	11.428	178	1040890	45.005	ng	100
72) Anthracene	11.481	178	1078980	47.601	ng	99
73) Carbazole	11.633	167	993041	44.369	ng	100
74) Di-n-butylphthalate	11.957	149	1192406	44.389	ng	100
75) Fluoranthene	12.616	202	1151225	44.367	ng	100
77) Benzidine	12.739	184	284086	25.267	ng	99
78) Pyrene	12.851	202	1166778	46.565	ng	100
80) Butylbenzylphthalate	13.457	149	460791	47.871	ng	98
81) Benzo(a)anthracene	14.045	228	862530	44.801	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	177745	29.046	ng	100
83) Chrysene	14.086	228	799412	45.508	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	606727	47.223	ng	100
85) Di-n-octyl phthalate	14.669	149	815449	45.064	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	721757	49.098	ng	99
88) Benzo(b)fluoranthene	15.127	252	662250	42.541	ng	100
89) Benzo(k)fluoranthene	15.163	252	590265	46.415	ng	100
90) Benzo(a)pyrene	15.504	252	588626	48.691	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	592002	48.720	ng	100
92) Benzo(g,h,i)perylene	17.539	276	559109	45.008	ng	99

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

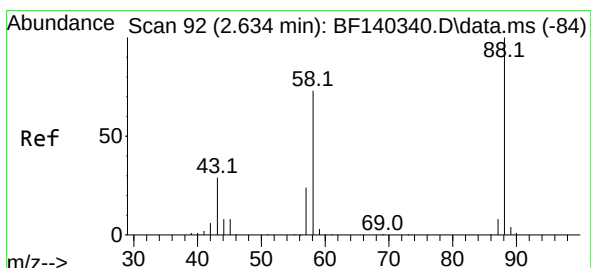
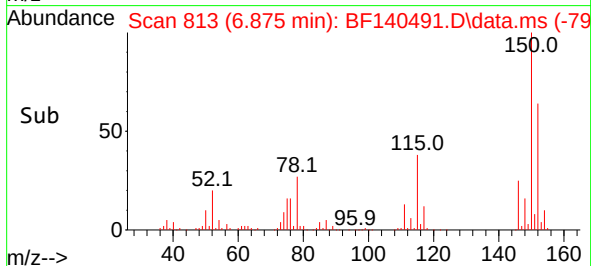
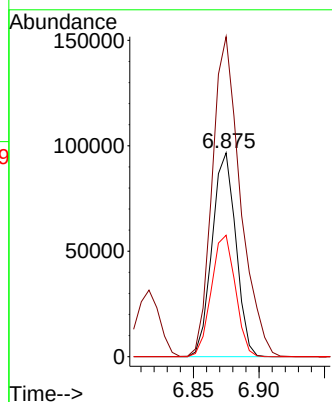
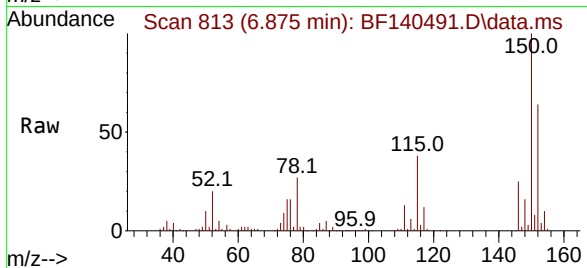
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

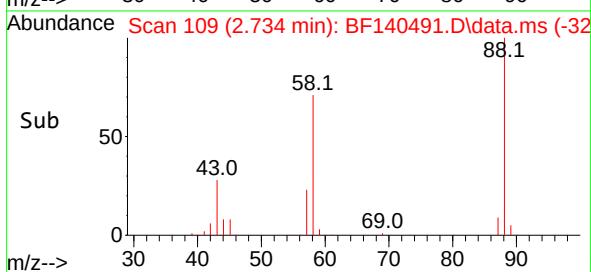
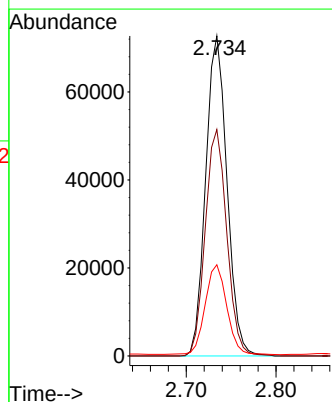
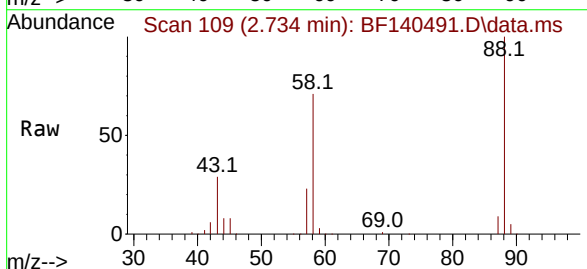
Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

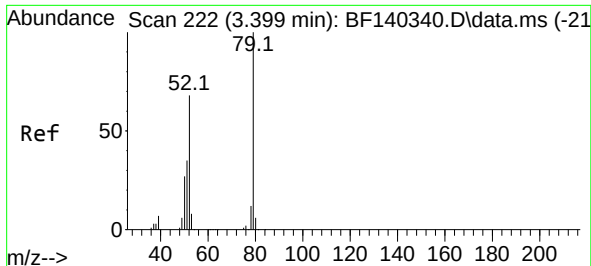
Tgt Ion:152 Resp: 121736
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.4 191.0
 115 59.6 47.4 71.2



#2
 1,4-Dioxane
 Concen: 37.766 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

Tgt Ion: 88 Resp: 120012
 Ion Ratio Lower Upper
 88 100
 58 71.5 59.5 89.3
 43 28.5 23.4 35.2

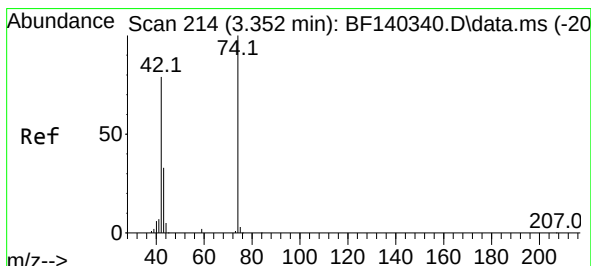
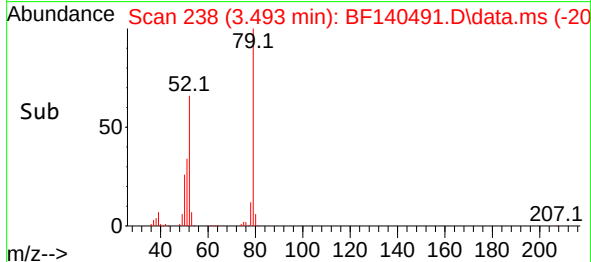
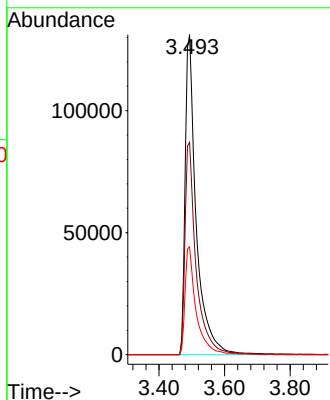
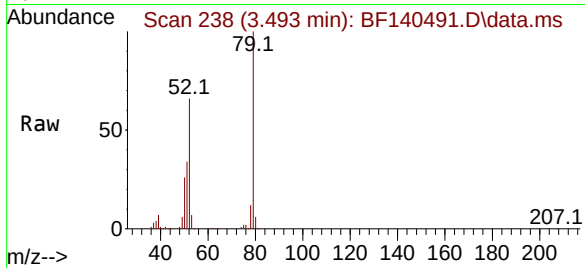




#3
Pyridine
Concen: 39.170 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

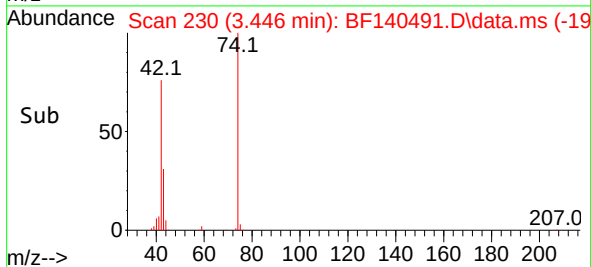
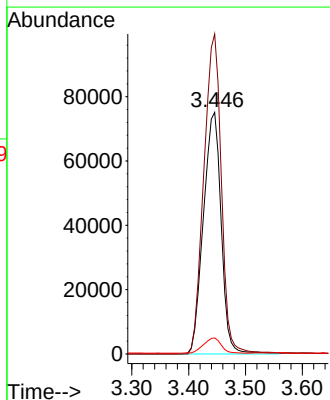
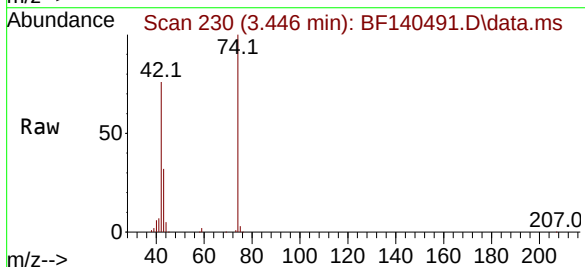
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

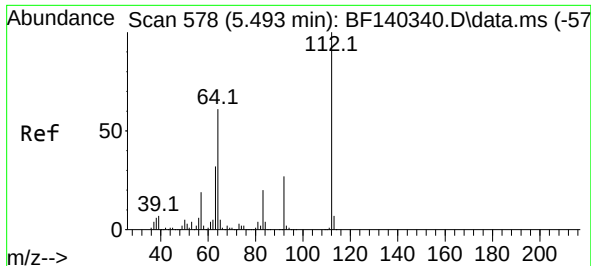
Tgt Ion: 79 Resp: 306008
Ion Ratio Lower Upper
79 100
52 66.4 53.8 80.6
51 33.7 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 41.287 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.088 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 42 Resp: 163019
Ion Ratio Lower Upper
42 100
74 132.4 103.5 155.3
44 6.6 5.1 7.7

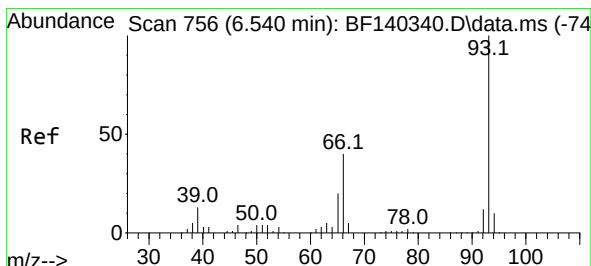
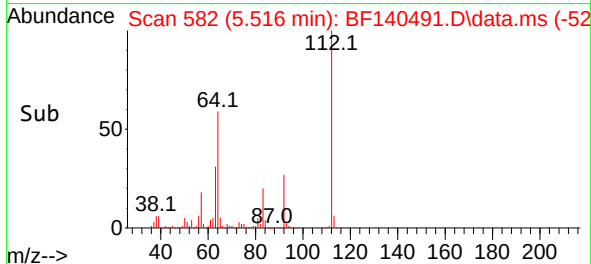
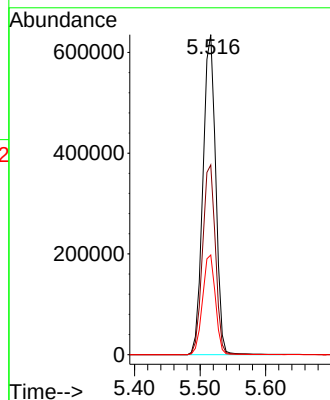
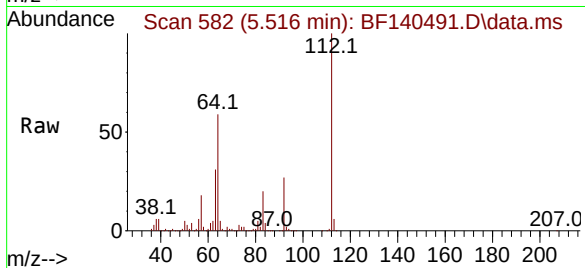




#5
2-Fluorophenol
Concen: 120.888 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

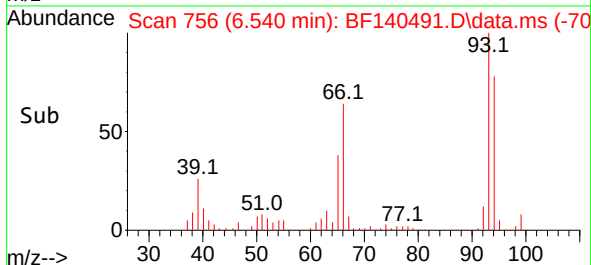
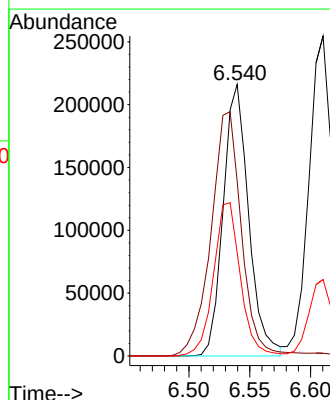
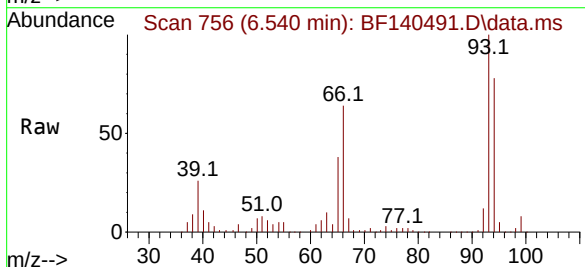
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

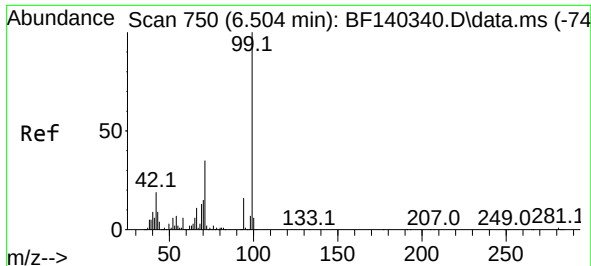
Tgt Ion:112 Resp: 861930
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 31.2 25.6 38.4



#6
Aniline
Concen: 37.392 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 93 Resp: 314213
Ion Ratio Lower Upper
93 100
66 64.5 32.8 49.2#
65 38.1 16.6 25.0#

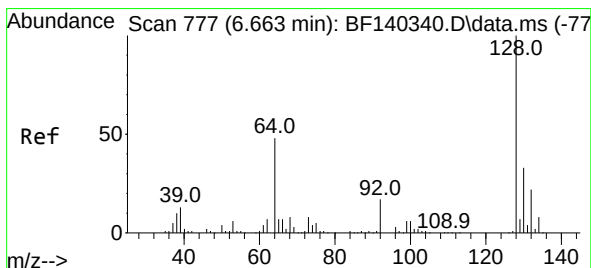
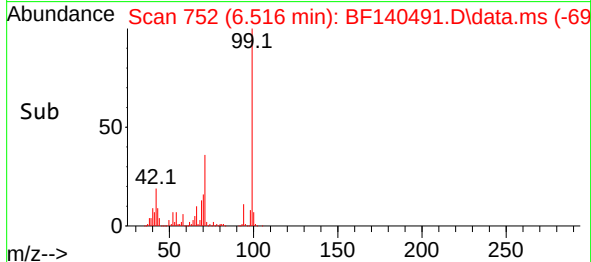
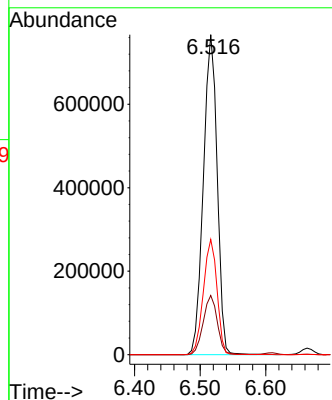
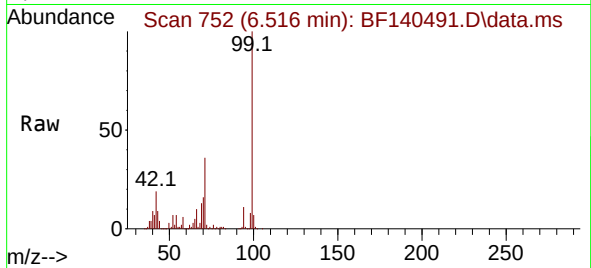




#7
Phenol-d6
Concen: 116.559 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

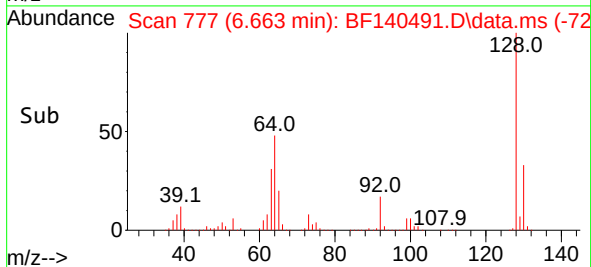
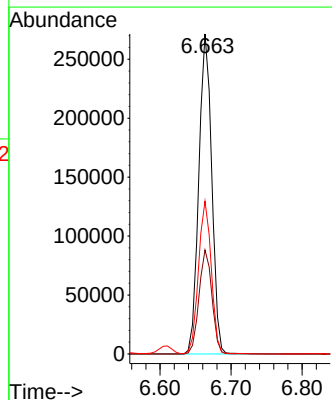
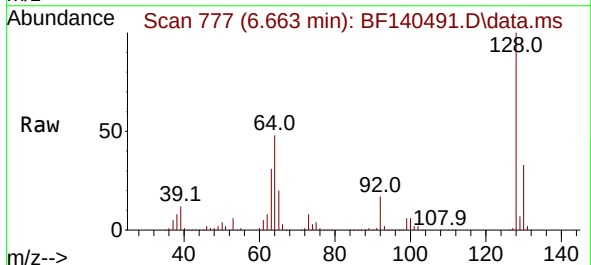
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

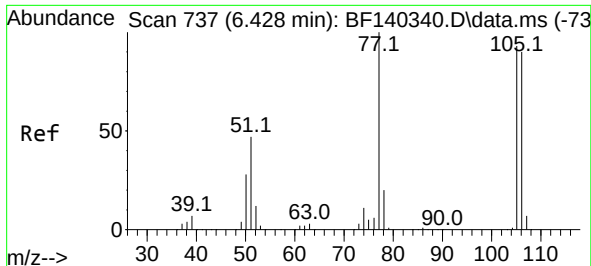
Tgt Ion: 99 Resp: 1125959
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 36.0 27.9 41.9



#8
2-Chlorophenol
Concen: 44.940 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 128 Resp: 344192
Ion Ratio Lower Upper
128 100
130 32.5 12.2 52.2
64 47.8 30.2 70.2





#9

Benzaldehyde

Concen: 38.252 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

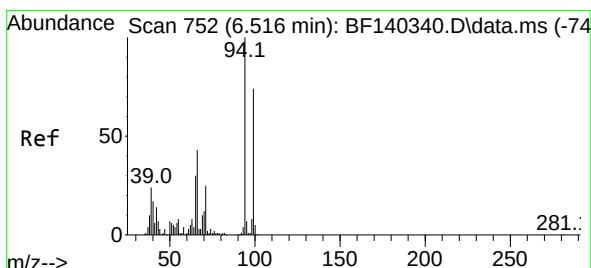
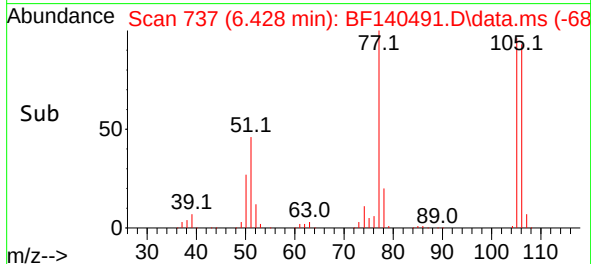
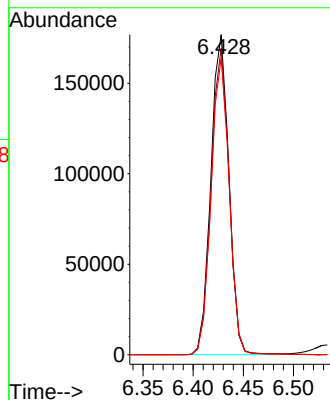
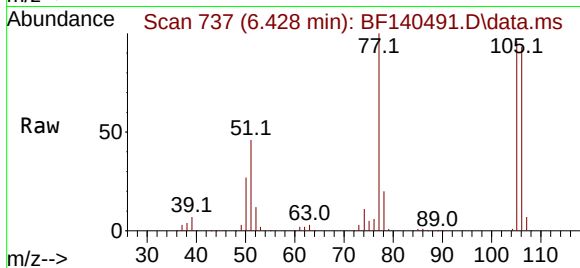
Tgt Ion: 77 Resp: 221462

Ion Ratio Lower Upper

77 100

105 95.7 74.4 114.4

106 92.6 69.9 109.9



#10

Phenol

Concen: 42.403 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

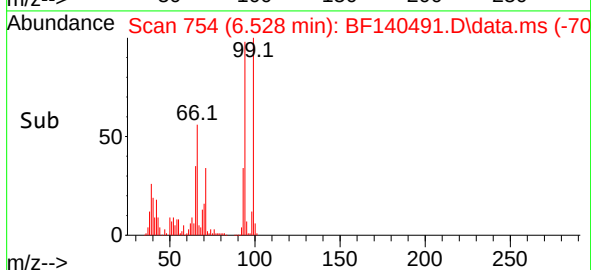
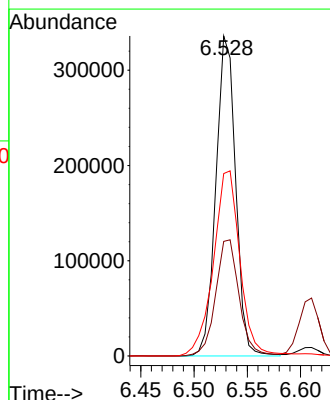
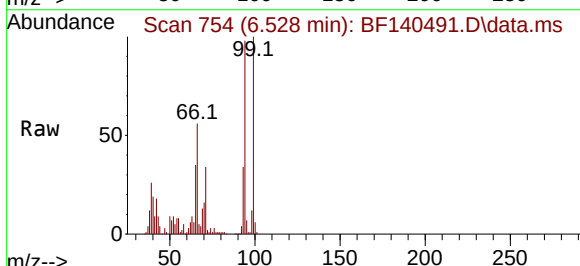
Tgt Ion: 94 Resp: 431969

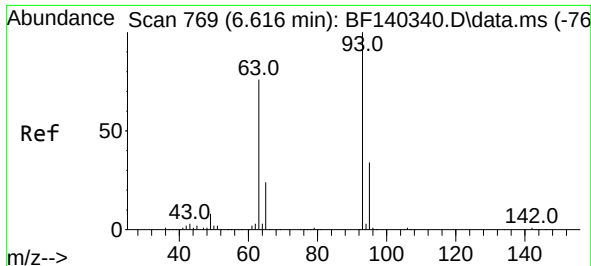
Ion Ratio Lower Upper

94 100

65 35.8 10.4 50.4

66 57.0 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 44.084 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

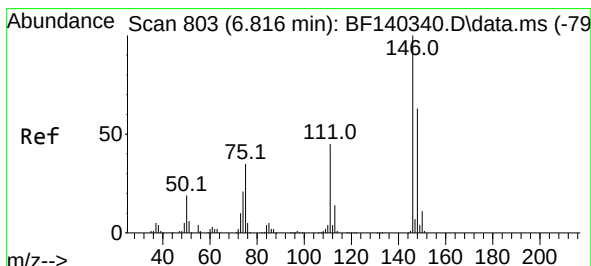
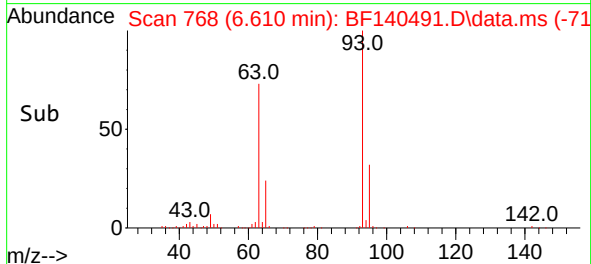
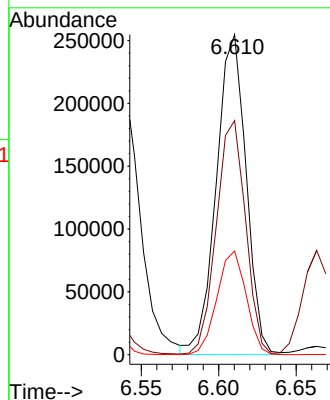
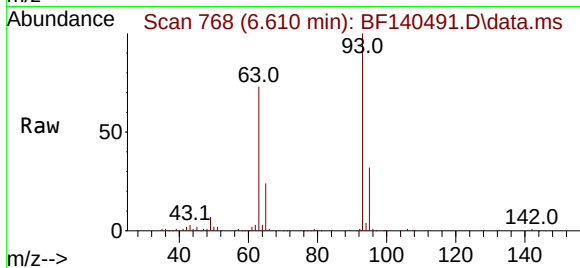
Tgt Ion: 93 Resp: 340281

Ion Ratio Lower Upper

93 100

63 73.2 54.0 94.0

95 32.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.917 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

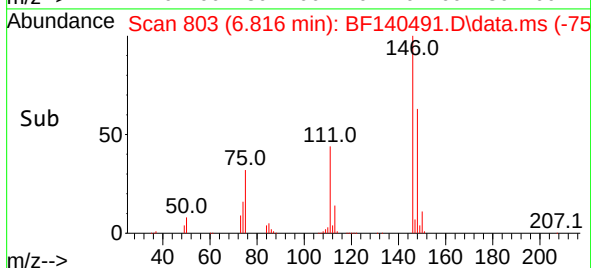
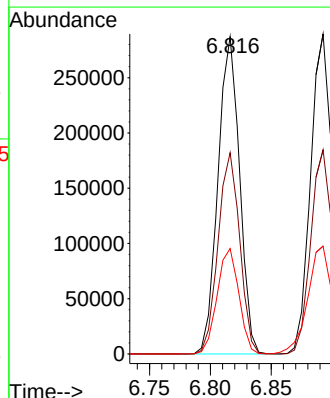
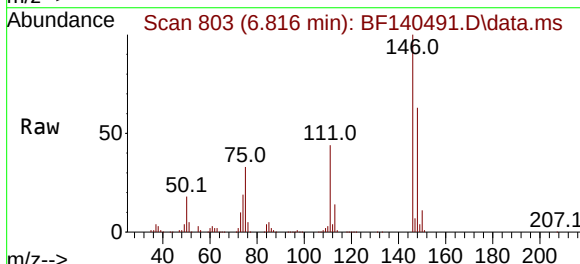
Tgt Ion:146 Resp: 354222

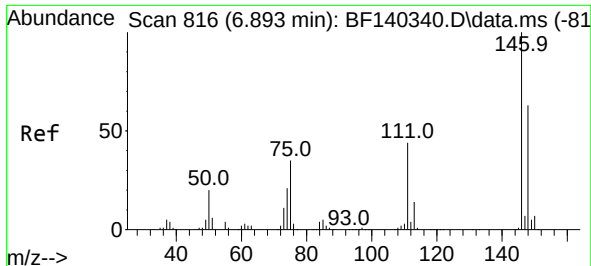
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

75 33.2 26.4 39.6

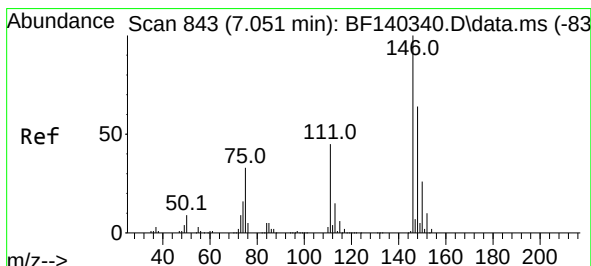
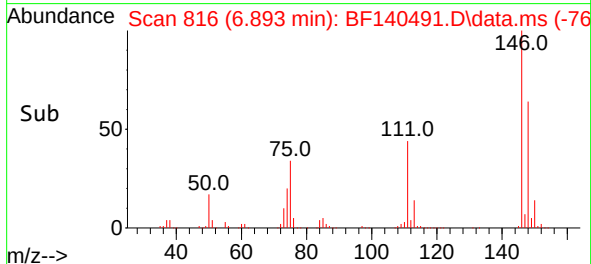
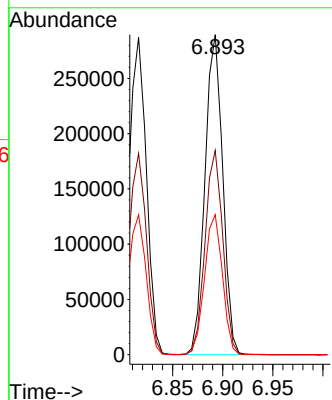
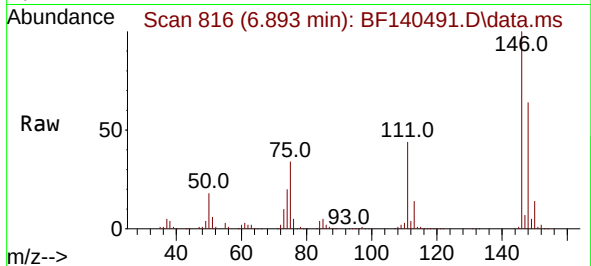




#13
1,4-Dichlorobenzene
Concen: 41.838 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

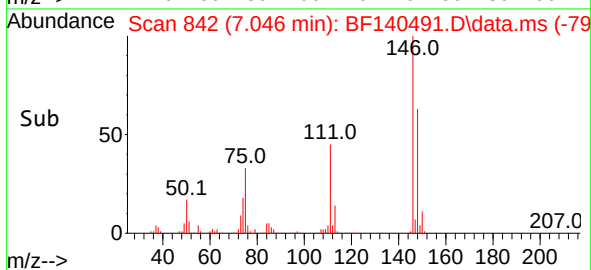
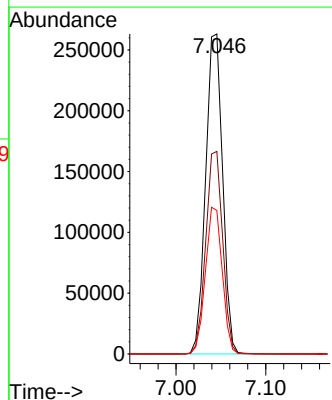
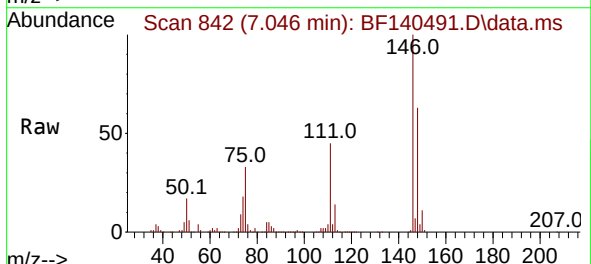
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

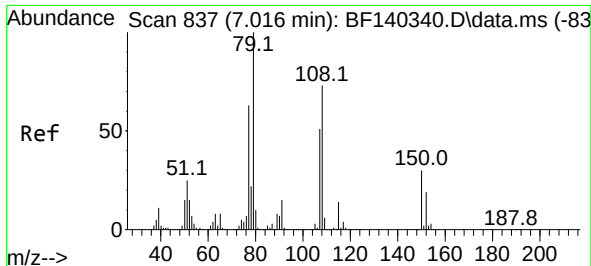
Tgt Ion:146 Resp: 358495
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 43.8 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 43.421 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:146 Resp: 345395
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 44.9 36.5 54.7

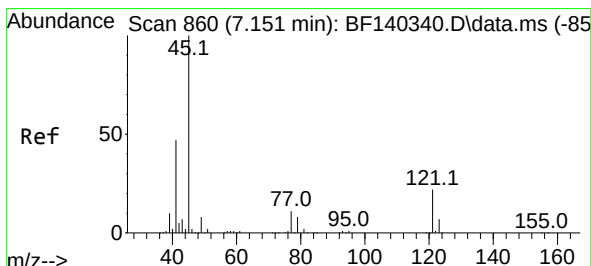
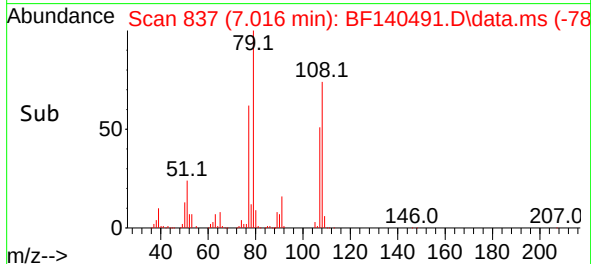
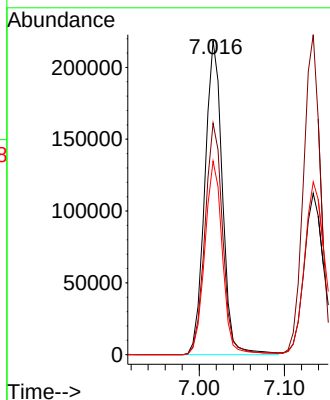
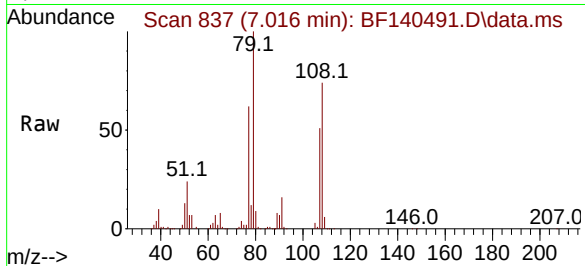




#15
Benzyl Alcohol
Concen: 44.981 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

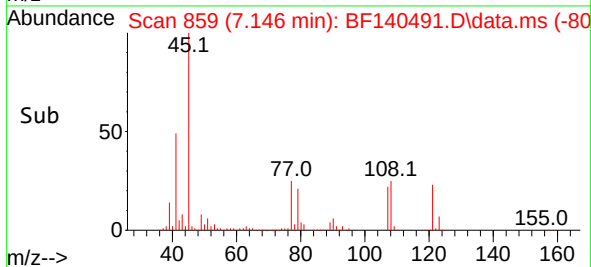
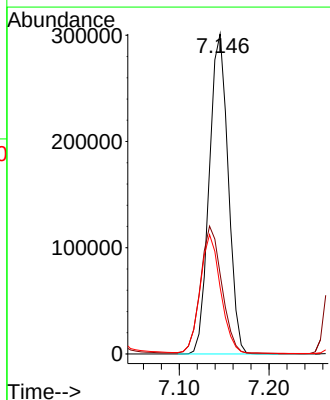
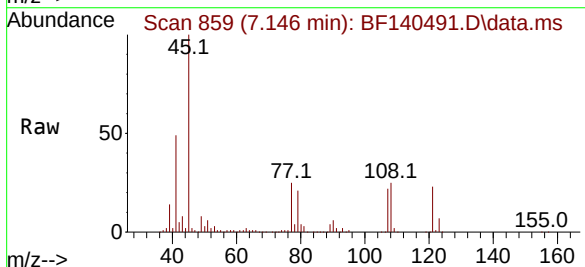
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

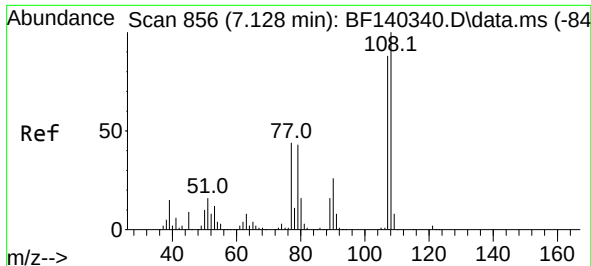
Tgt Ion: 79 Resp: 313056
Ion Ratio Lower Upper
79 100
108 73.7 57.8 86.6
77 61.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.261 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

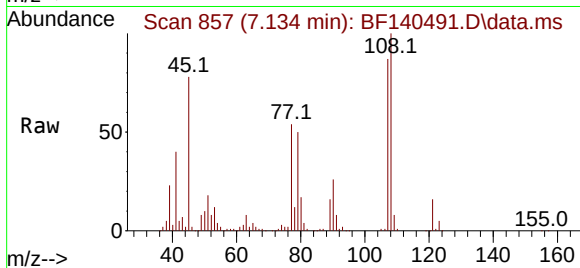
Tgt Ion: 45 Resp: 439921
Ion Ratio Lower Upper
45 100
77 25.0 0.0 34.8
79 20.8 0.0 31.4



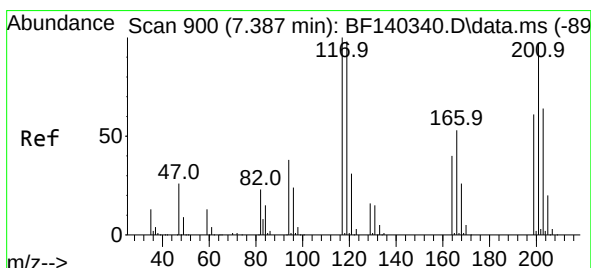
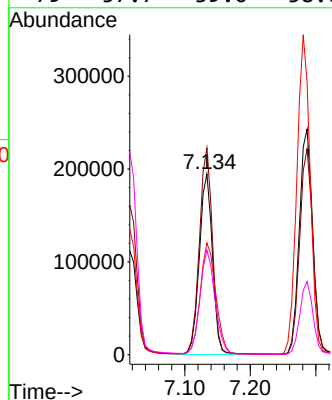
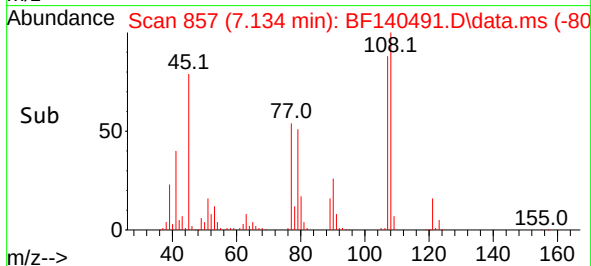


#17
2-Methylphenol
Concen: 43.257 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

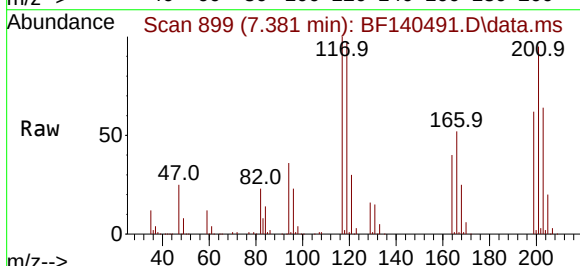
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



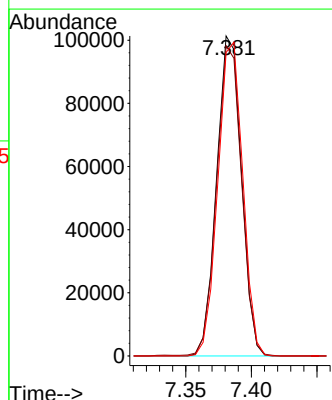
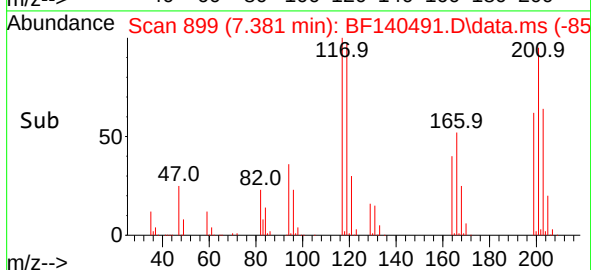
Tgt Ion:	107	Resp:	272538
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.9	137.9
77	61.8	39.7	59.5#
79	57.7	39.0	58.6

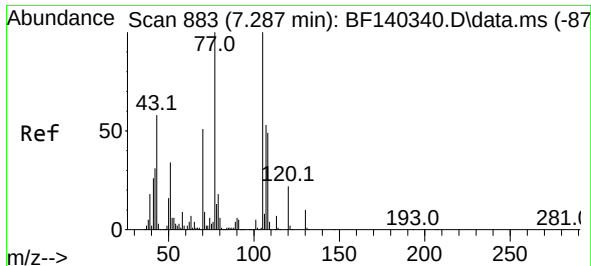


#18
Hexachloroethane
Concen: 42.072 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion:	117	Resp:	133272
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.9	115.3
201	94.8	80.2	120.4

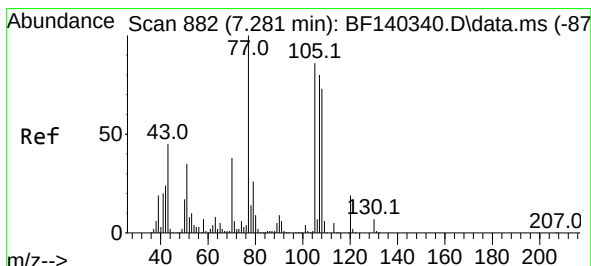
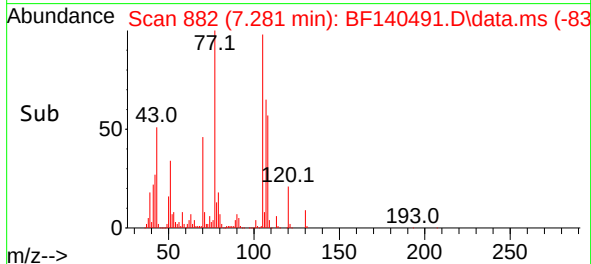
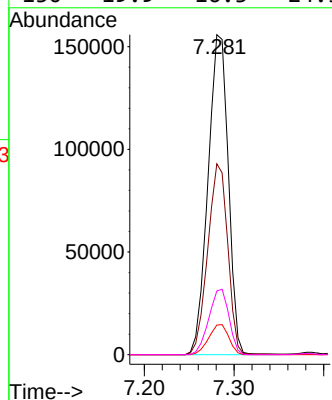
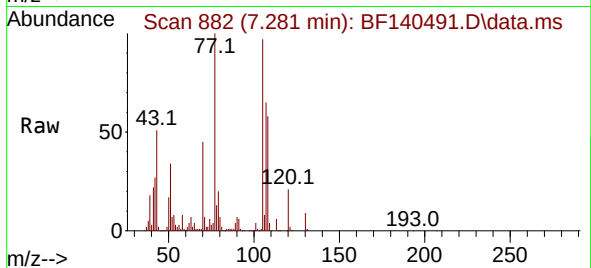




#19
n-Nitroso-di-n-propylamine
Concen: 41.903 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

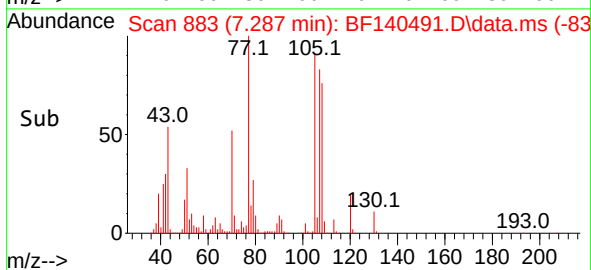
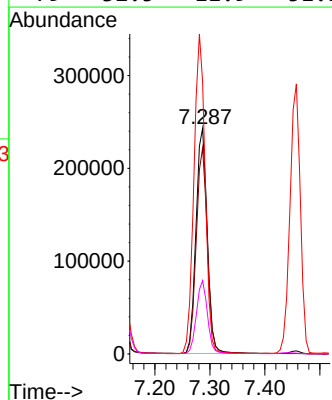
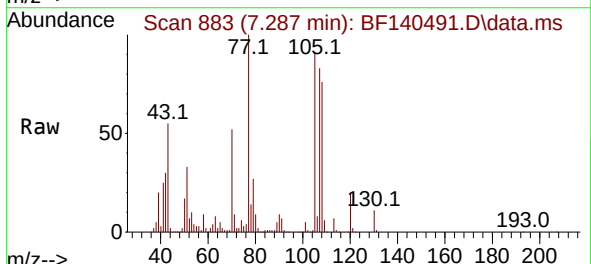
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

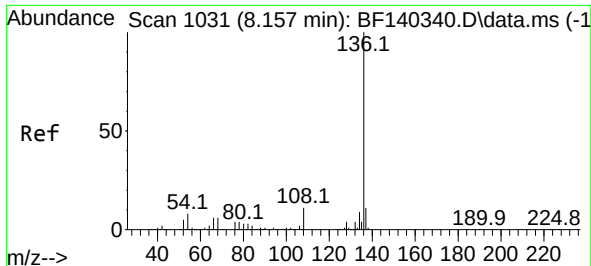
Tgt Ion:	70	Resp:	244474
Ion	Ratio	Lower	Upper
70	100		
42	59.6	46.8	70.2
101	9.2	7.5	11.3
130	19.9	16.3	24.5



#20
3+4-Methylphenols
Concen: 43.871 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:	107	Resp:	345679
Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.4	111.4
77	120.8	97.0	137.0
79	32.5	11.9	51.9



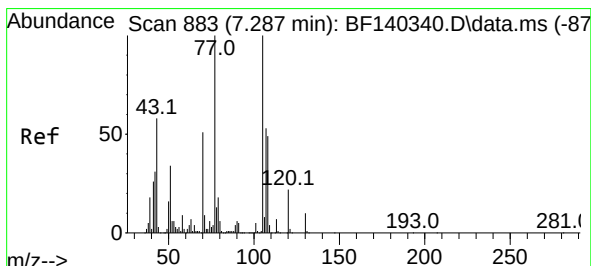
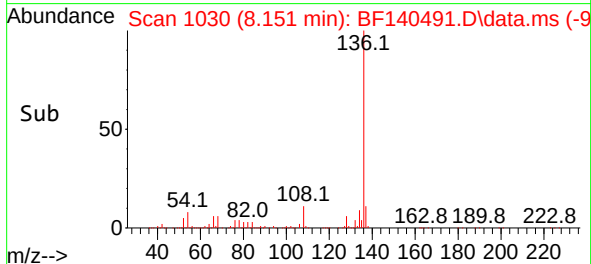
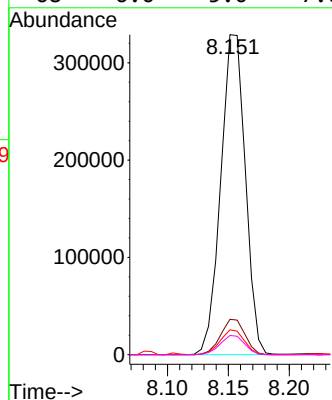
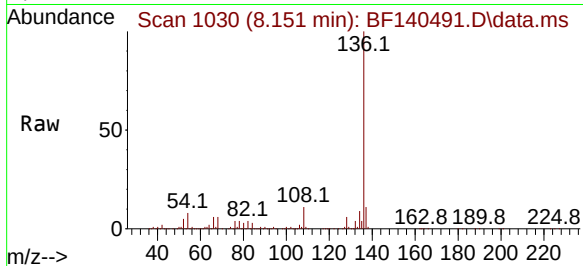


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

Tgt Ion:136 Resp: 462447

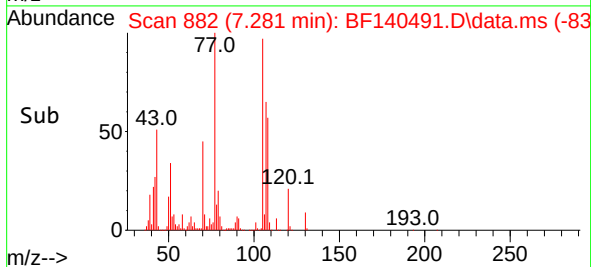
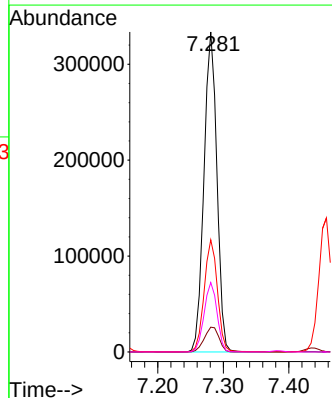
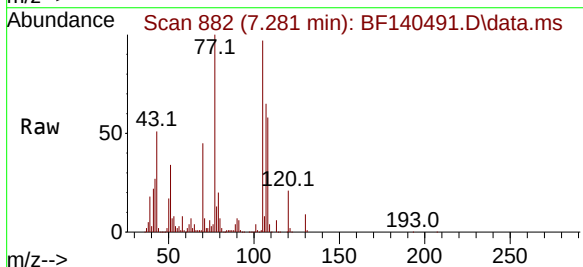
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	6.5	9.7
68	6.0	5.0	7.6

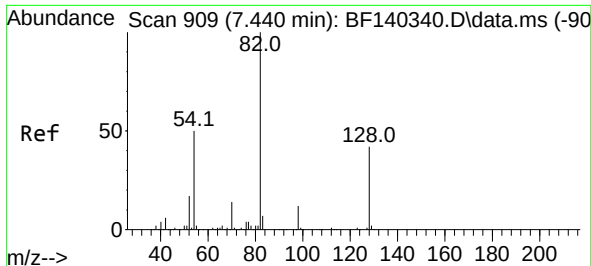


#22
Acetophenone
Concen: 42.760 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:105 Resp: 459909

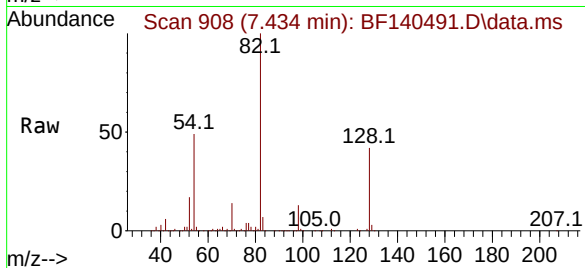
Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.9	10.3
51	35.1	28.6	43.0
120	21.7	17.2	25.8



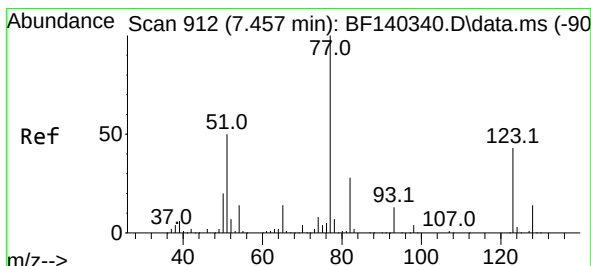
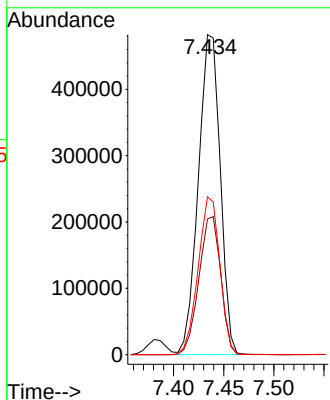
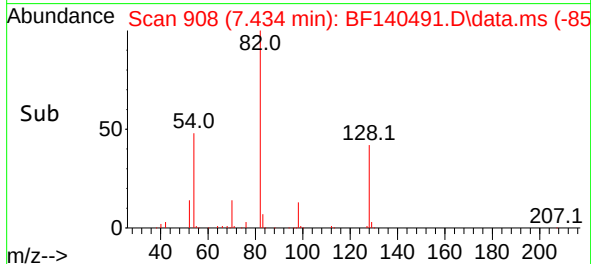


#23
Nitrobenzene-d5
Concen: 82.725 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

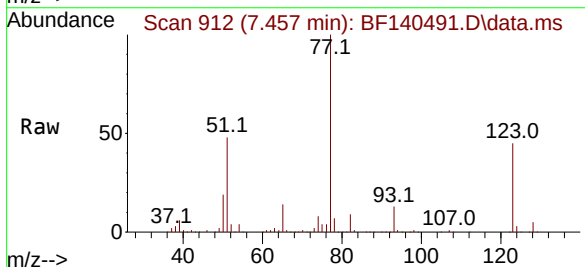
Instrument :
BNA_F
ClientSampleId :
PB165039BSD



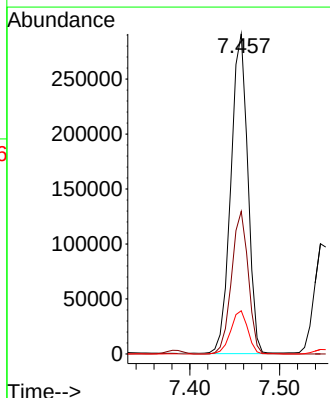
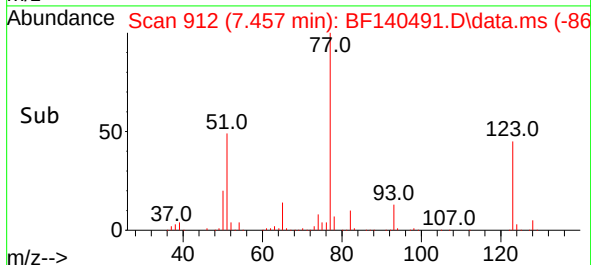
Tgt Ion: 82 Resp: 734239
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 49.3 39.8 59.8

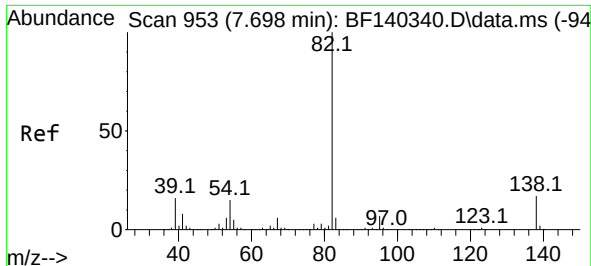


#24
Nitrobenzene
Concen: 41.275 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49



Tgt Ion: 77 Resp: 381425
Ion Ratio Lower Upper
77 100
123 44.6 35.4 53.0
65 13.5 11.1 16.7

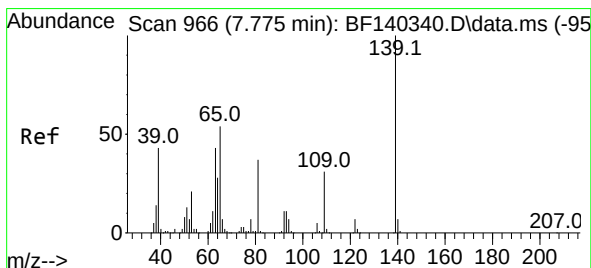
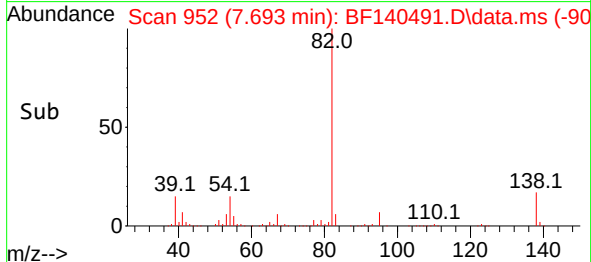
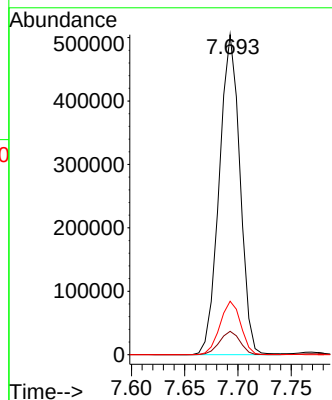
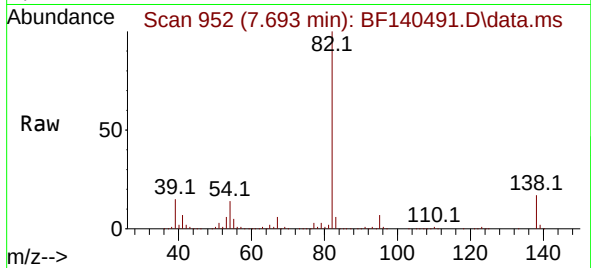




#25
Isophorone
Concen: 43.287 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

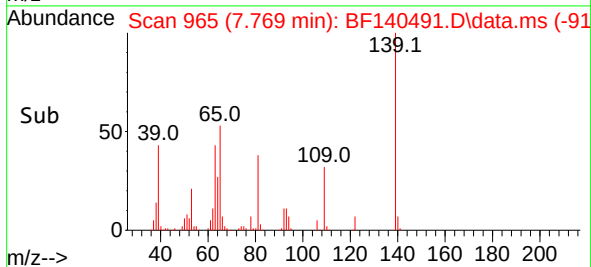
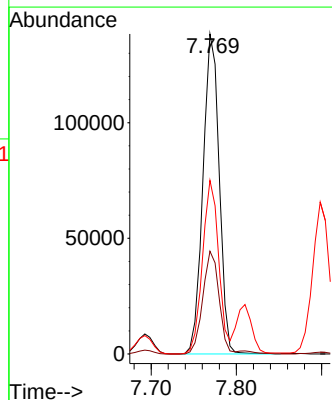
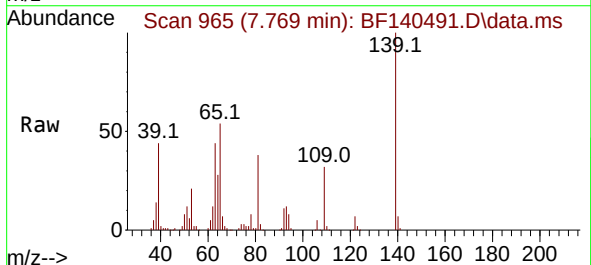
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

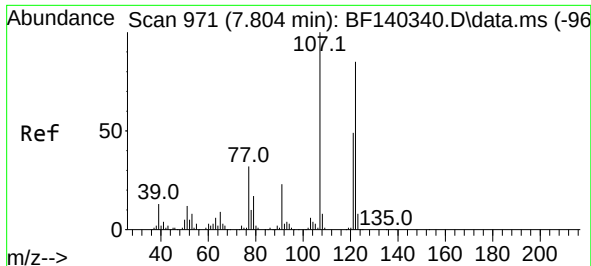
Tgt Ion: 82 Resp: 680917
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 44.853 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:139 Resp: 183934
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 54.2 42.8 64.2

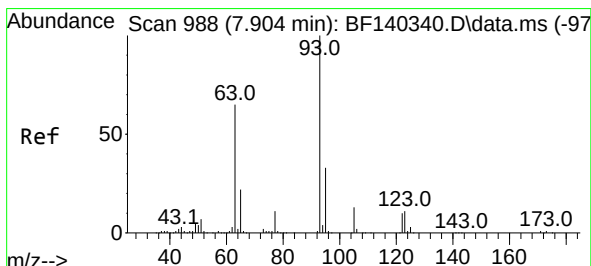
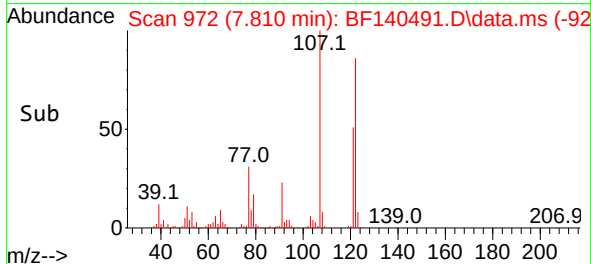
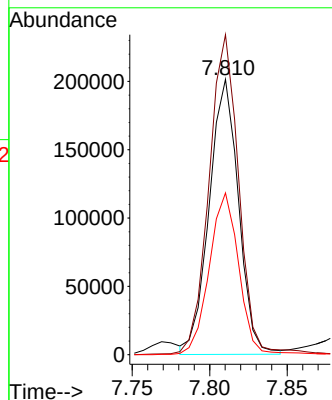
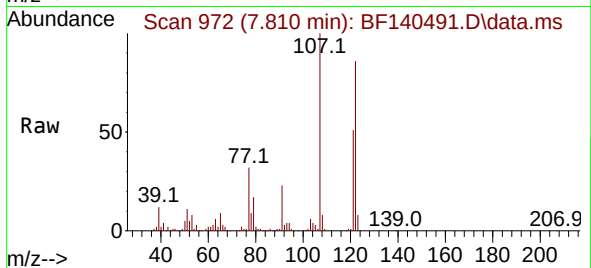




#27
2,4-Dimethylphenol
Concen: 50.555 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

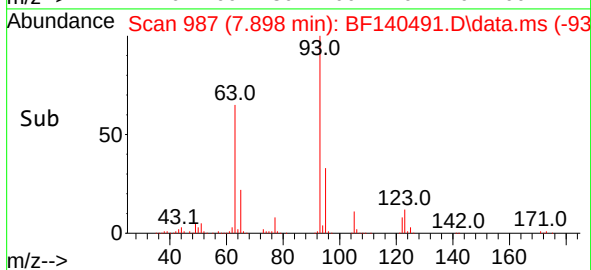
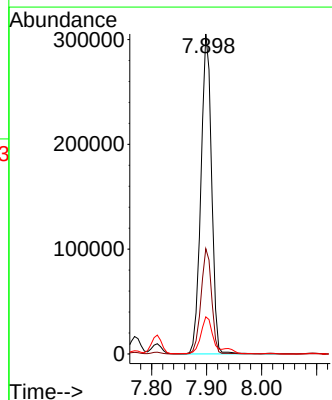
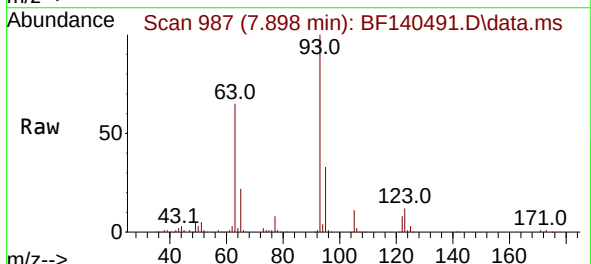
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

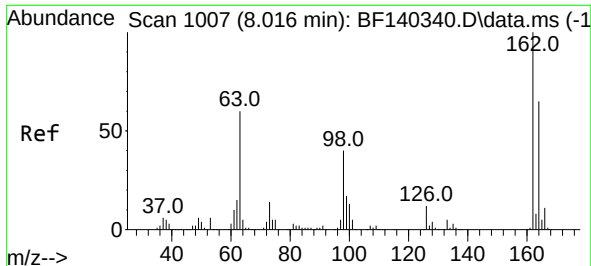
Tgt Ion:122 Resp: 265419
Ion Ratio Lower Upper
122 100
107 116.2 91.3 136.9
121 58.7 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.646 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 93 Resp: 411343
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.830 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140491.D

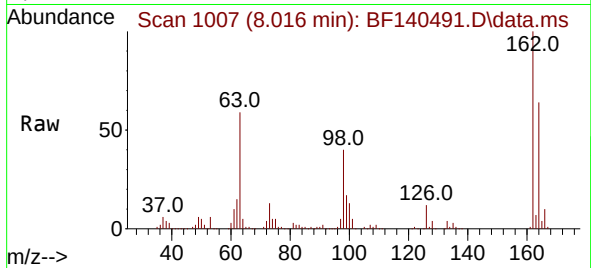
Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD



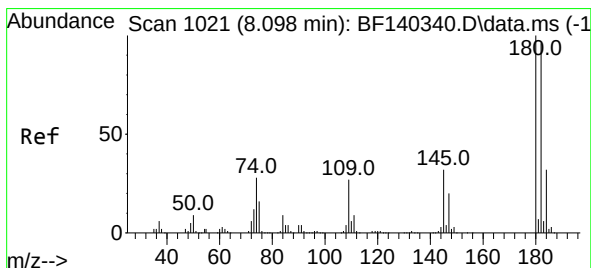
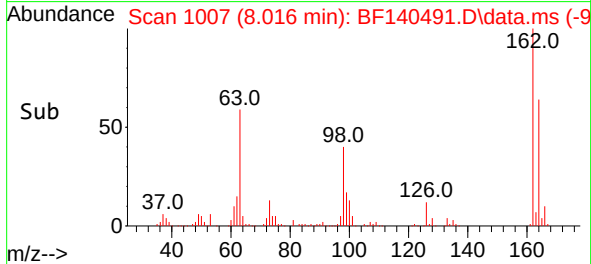
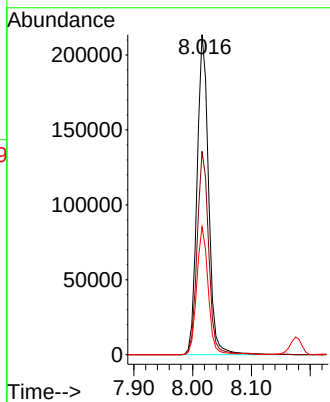
Tgt Ion:162 Resp: 290874

Ion Ratio Lower Upper

162 100

164 63.6 45.4 85.4

98 40.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.340 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

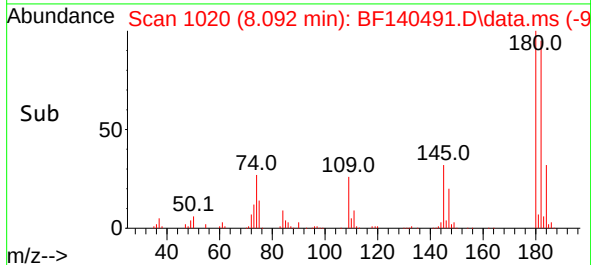
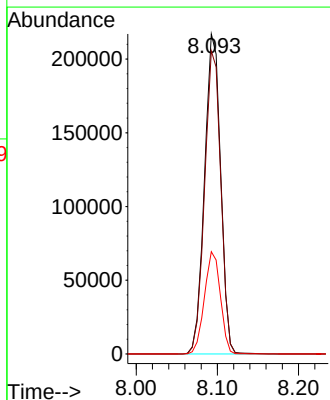
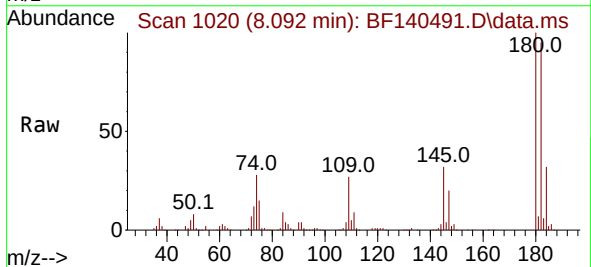
Tgt Ion:180 Resp: 298628

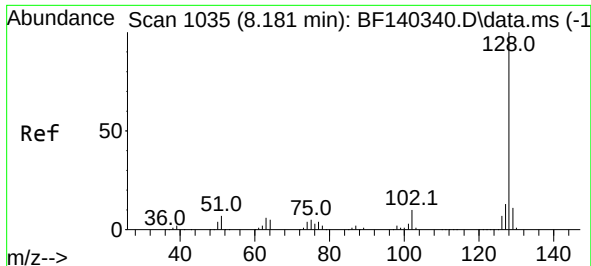
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 31.9 25.3 37.9

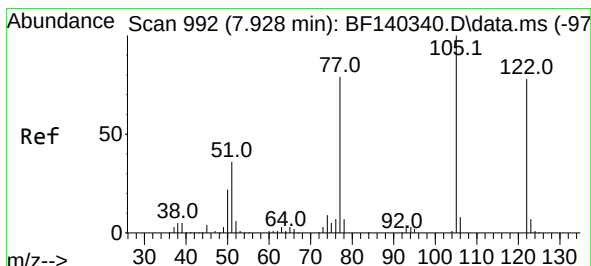
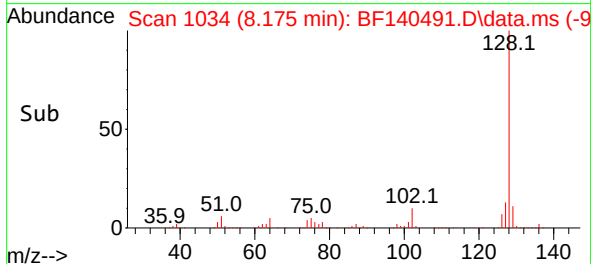
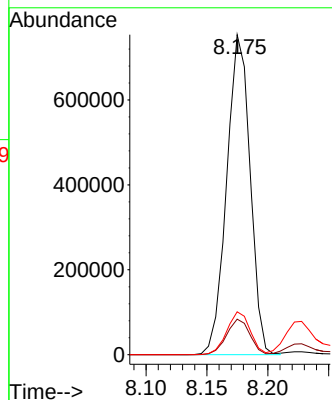
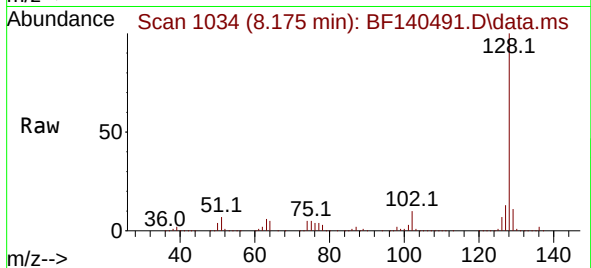




#31
Naphthalene
Concen: 43.004 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

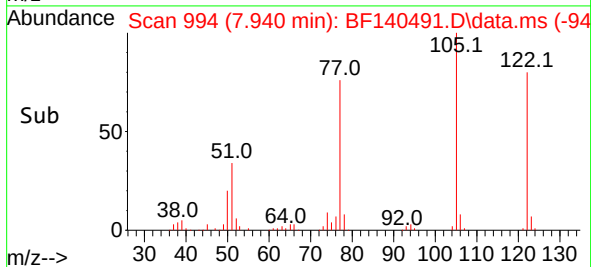
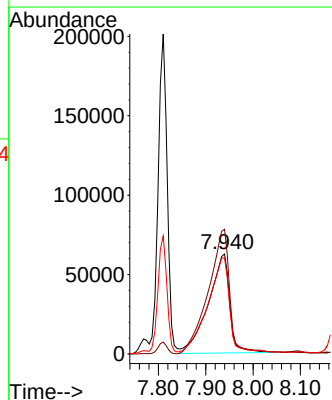
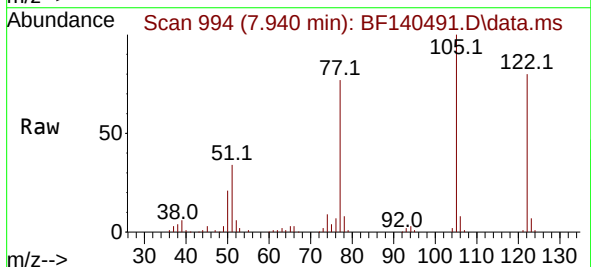
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

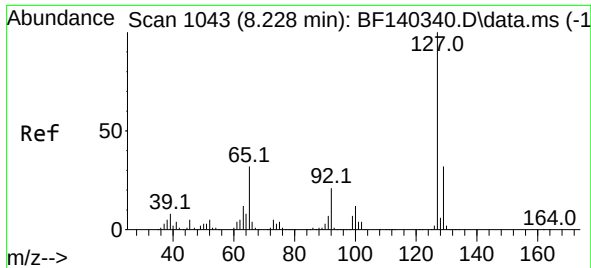
Tgt Ion:128 Resp: 1008837
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 42.482 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:122 Resp: 196256
Ion Ratio Lower Upper
122 100
105 124.6 100.9 140.9
77 96.2 76.0 116.0

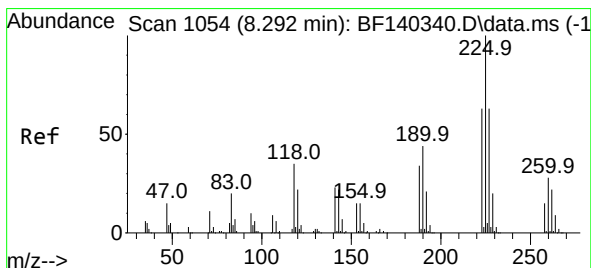
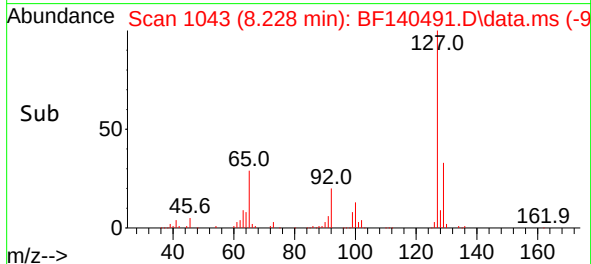
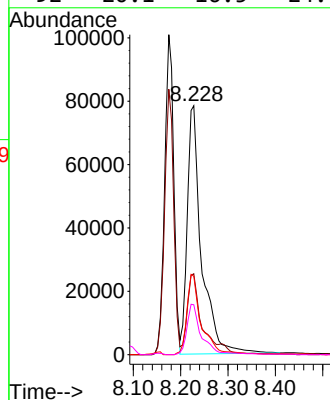
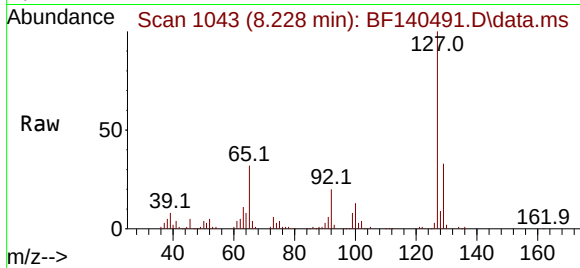




#33
4-Chloroaniline
Concen: 20.164 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

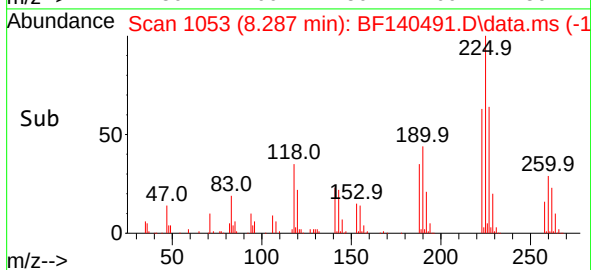
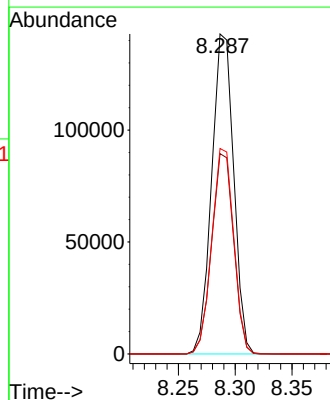
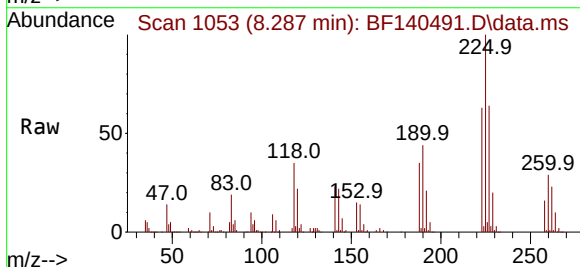
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

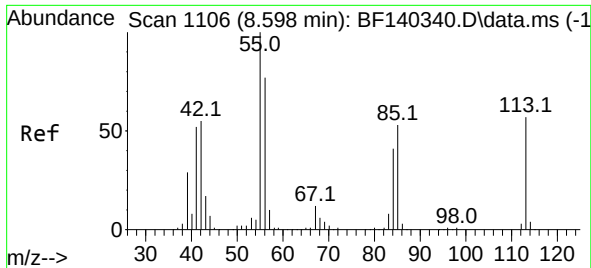
Tgt Ion:	127	Resp:	164503
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.5	25.8	38.6
92	20.1	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.846 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:	225	Resp:	192600
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.2	51.3	76.9

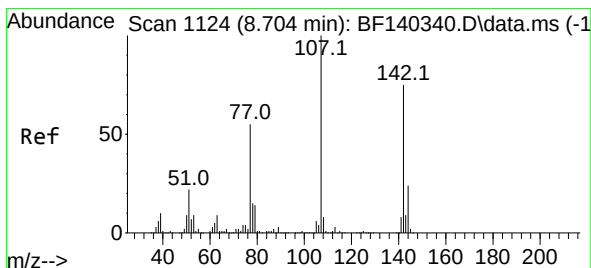
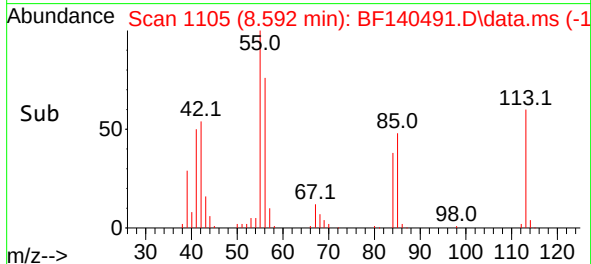
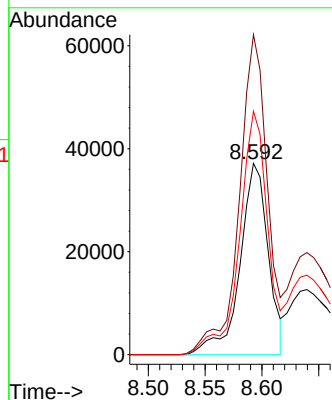
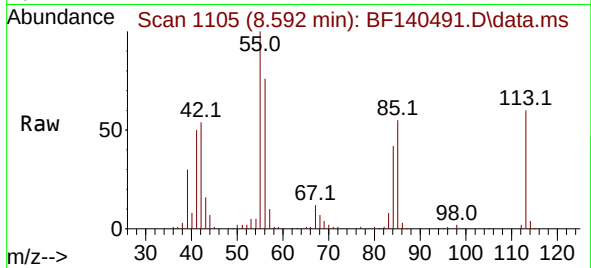




#35
 Caprolactam
 Concen: 29.811 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

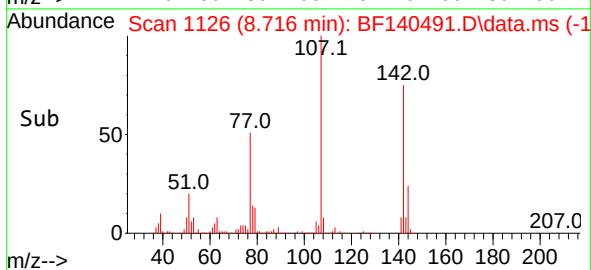
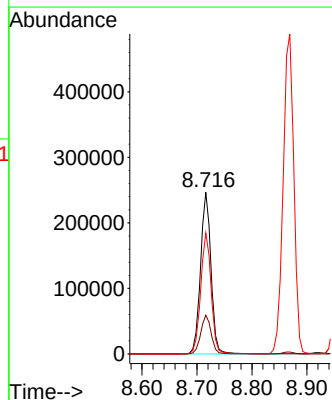
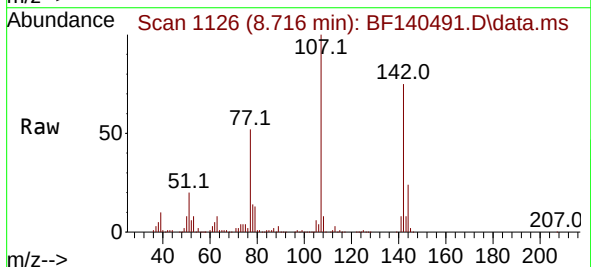
Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

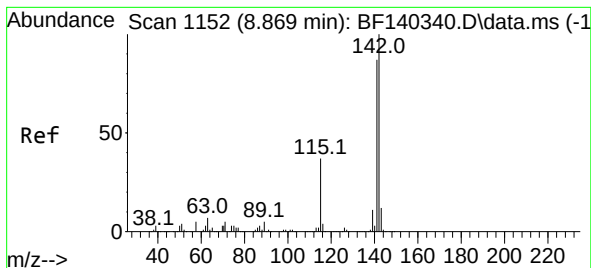
Tgt Ion:113 Resp: 64289
 Ion Ratio Lower Upper
 113 100
 55 167.2 150.0 190.0
 56 127.3 111.1 151.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.505 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF140491.D
 Acq: 20 Nov 2024 10:49

Tgt Ion:107 Resp: 327203
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 74.9 59.4 89.0

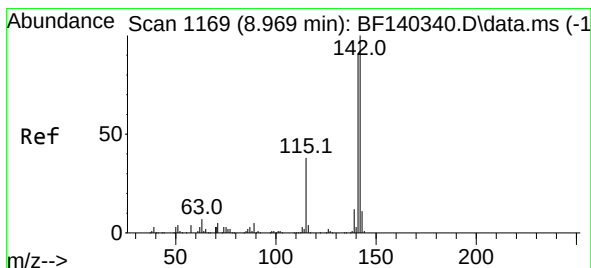
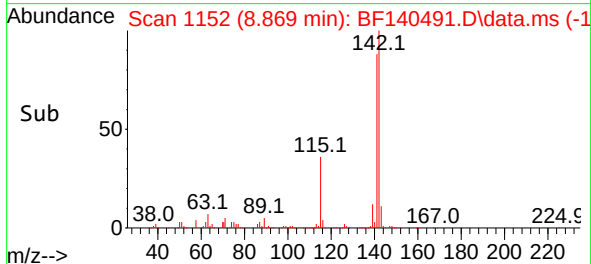
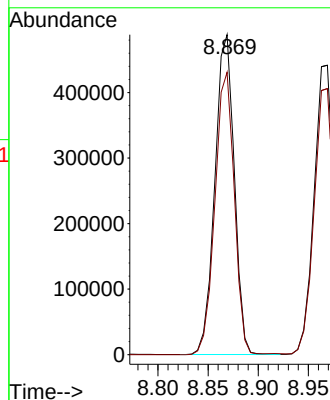
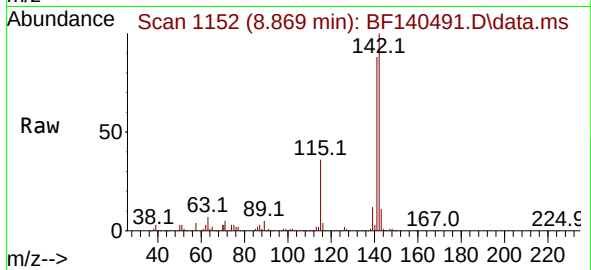




#37
2-Methylnaphthalene
Concen: 43.558 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

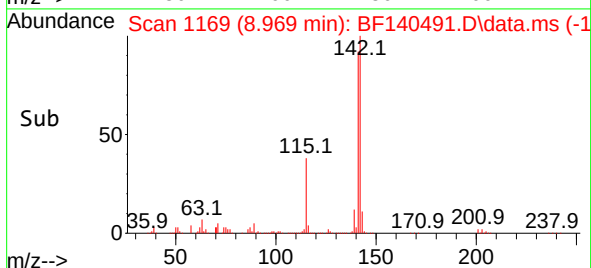
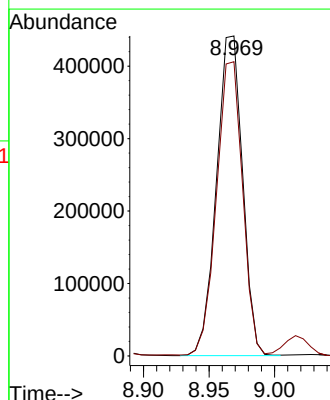
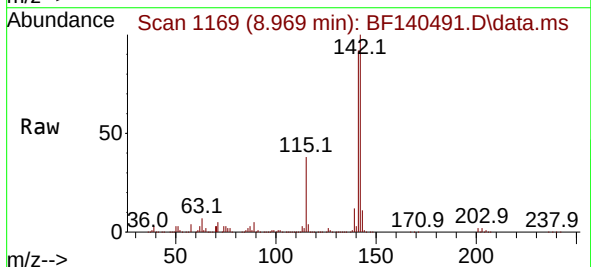
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

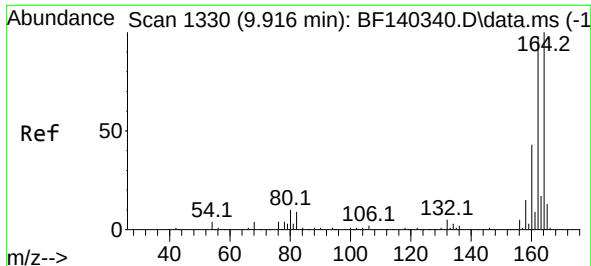
Tgt Ion:142 Resp: 655213
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6



#38
1-Methylnaphthalene
Concen: 41.319 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:142 Resp: 608630
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4

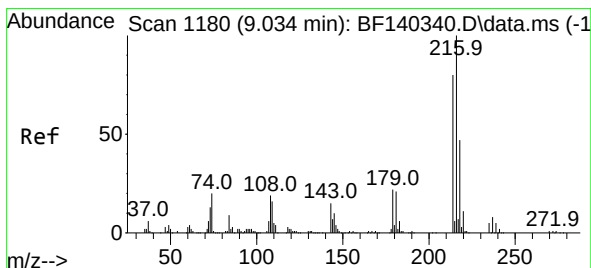
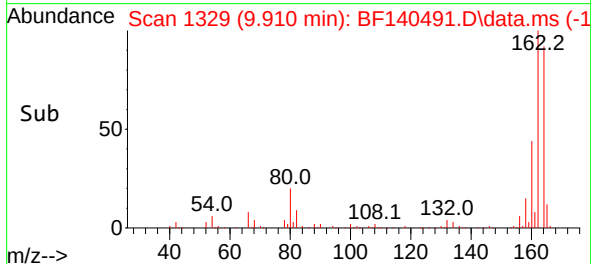
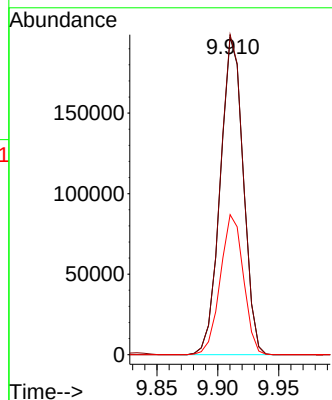
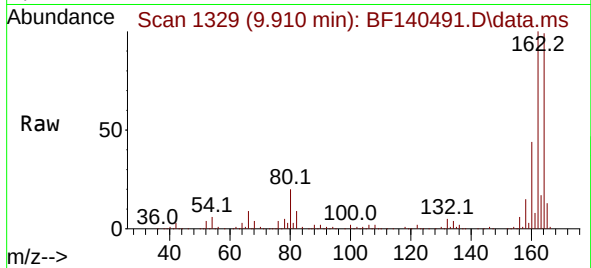




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

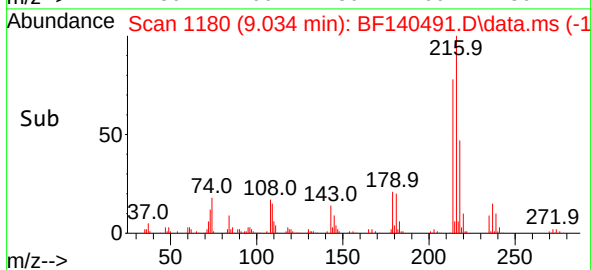
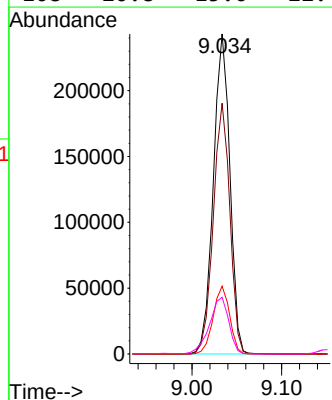
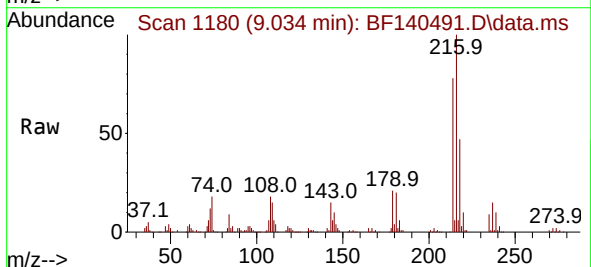
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

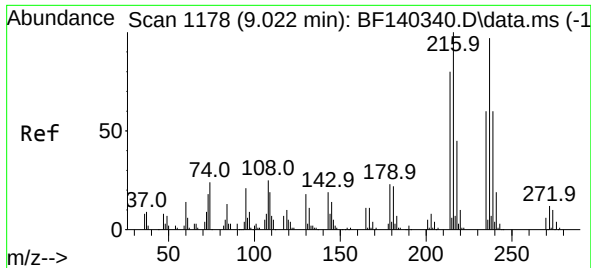
Tgt Ion:164 Resp: 259407
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 44.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.365 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:216 Resp: 311076
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 21.1 17.2 25.8
108 20.8 15.0 22.4

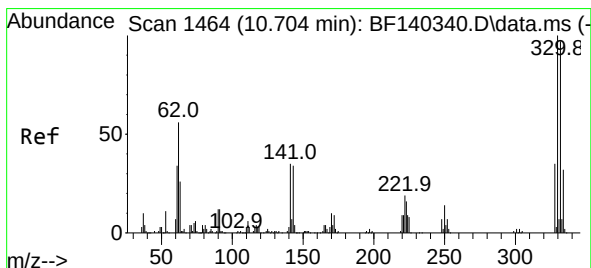
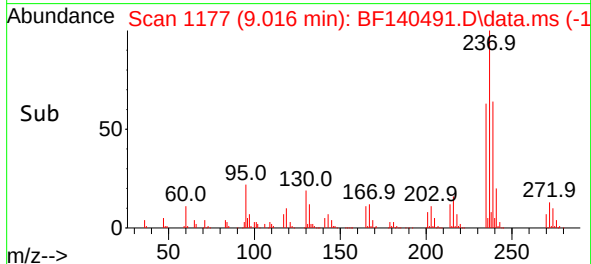
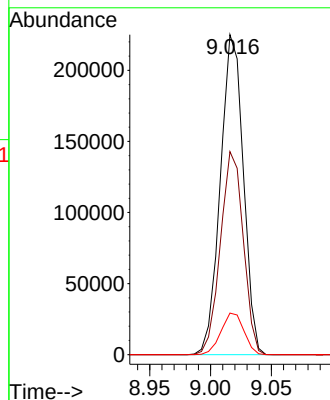
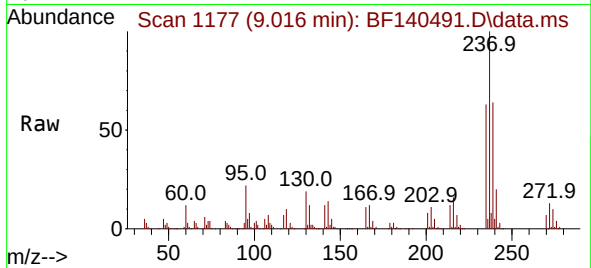




#41
Hexachlorocyclopentadiene
Concen: 160.562 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

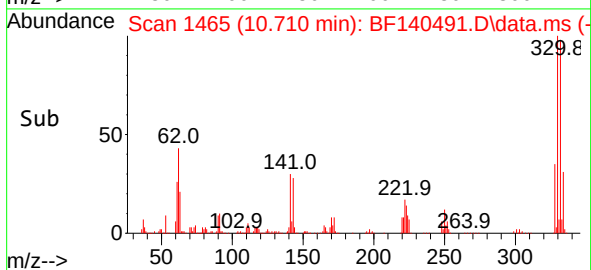
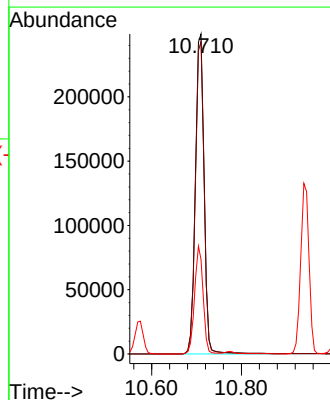
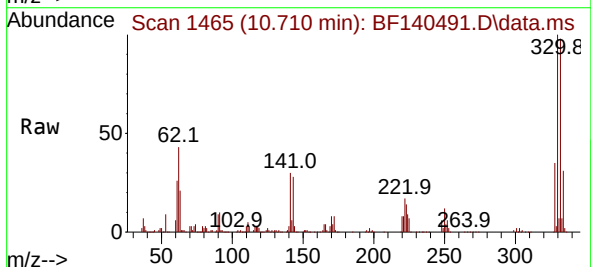
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

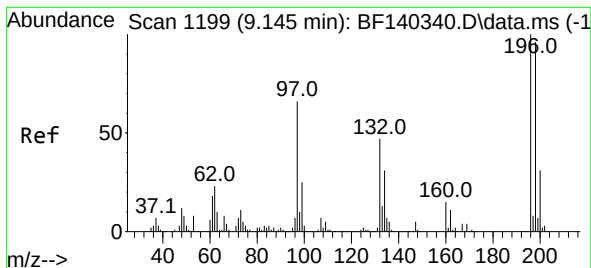
Tgt Ion:237 Resp: 295724
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 131.016 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:330 Resp: 337968
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 32.7 26.9 40.3

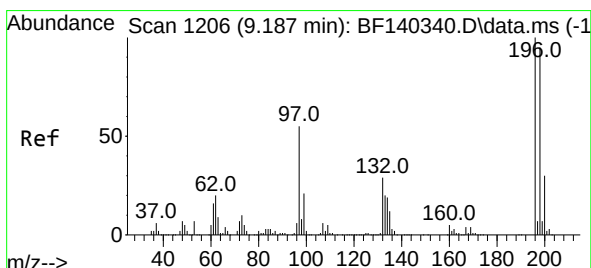
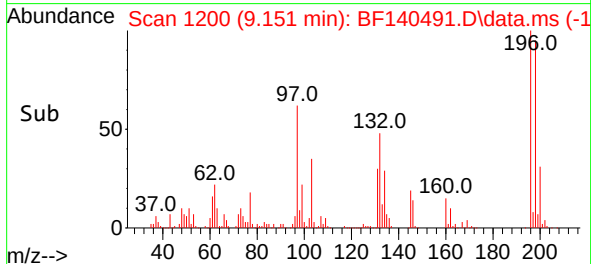
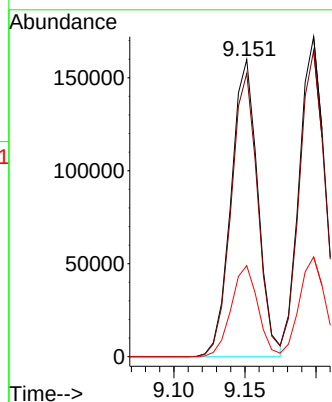
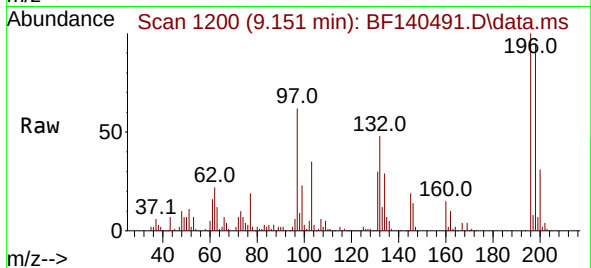




#43
2,4,6-Trichlorophenol
Concen: 44.545 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

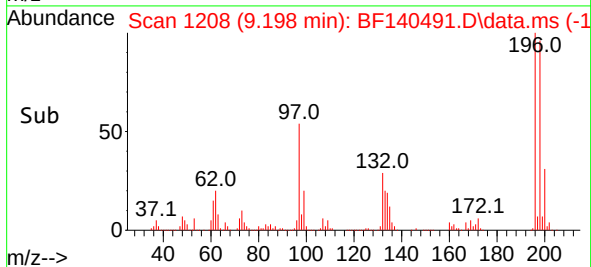
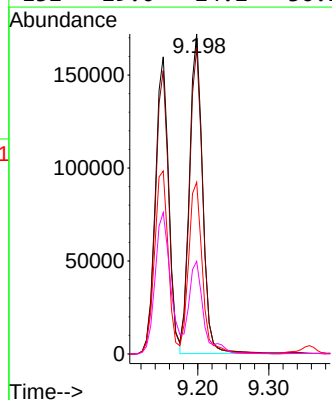
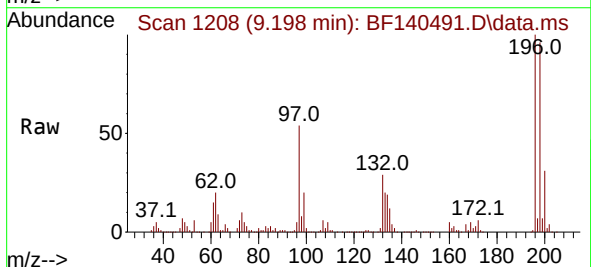
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

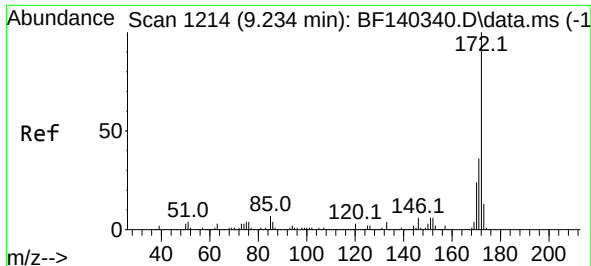
Tgt Ion:196 Resp: 209705
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.4
200 30.6 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 42.881 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:196 Resp: 220709
Ion Ratio Lower Upper
196 100
198 95.7 77.6 116.4
97 53.7 45.4 68.2
132 29.0 24.2 36.2

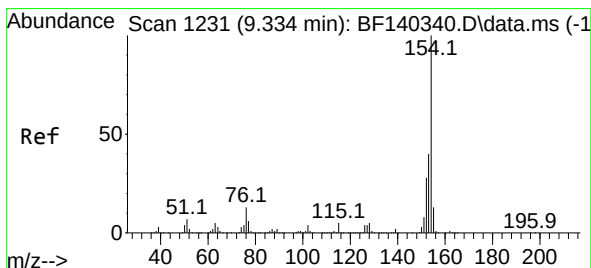
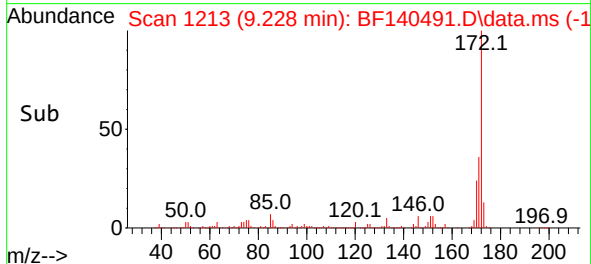
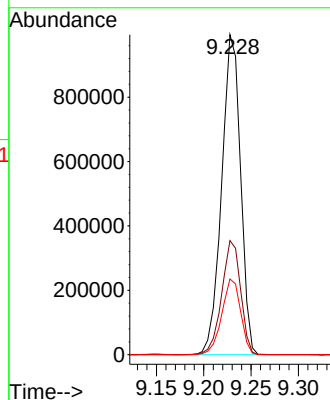
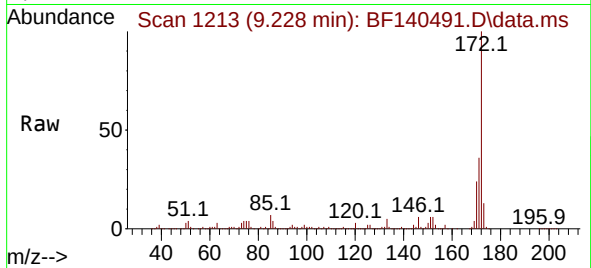




#45
2-Fluorobiphenyl
Concen: 85.608 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

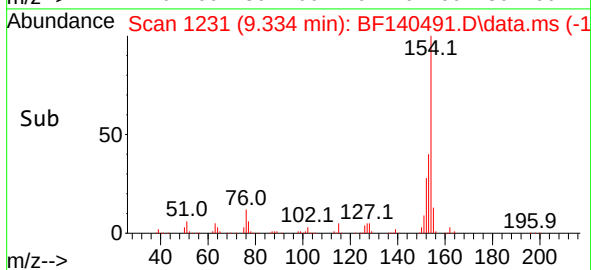
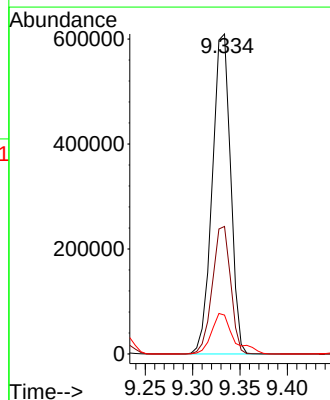
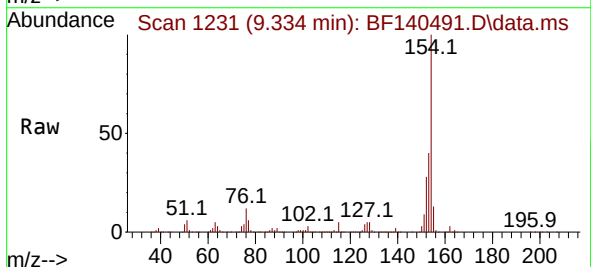
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

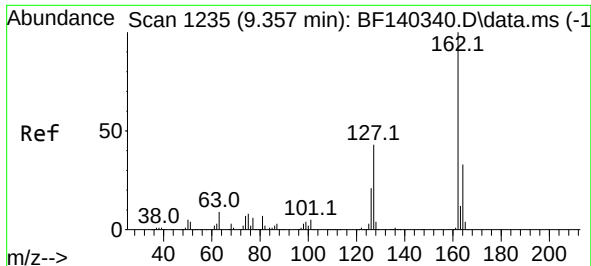
Tgt Ion:172 Resp: 1381434
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.333 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:154 Resp: 817776
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 12.1 0.0 32.9

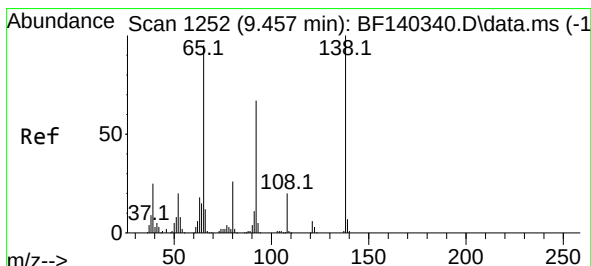
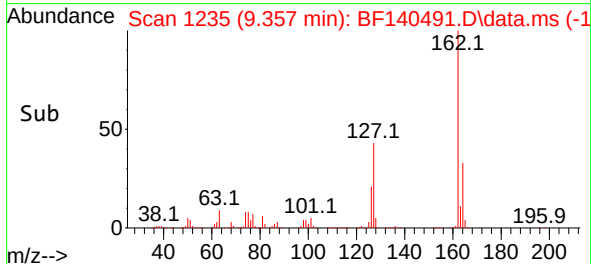
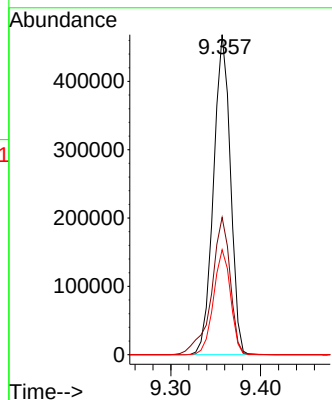
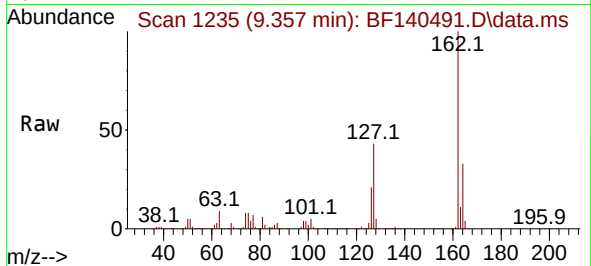




#47
2-Chloronaphthalene
Concen: 42.646 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

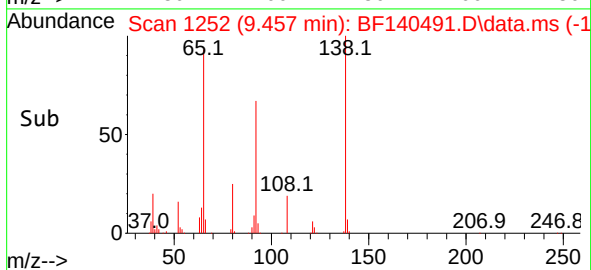
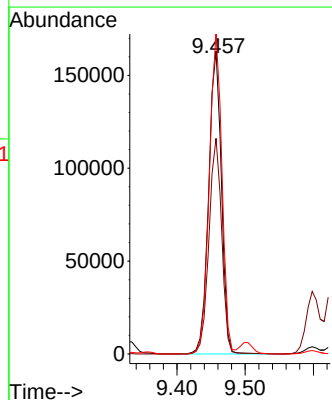
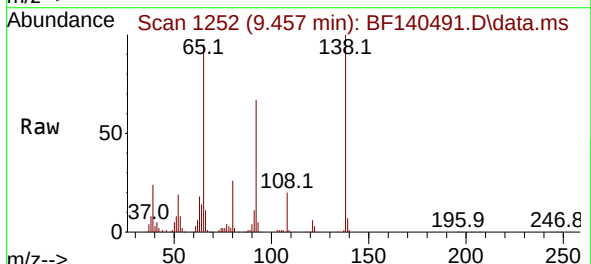
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

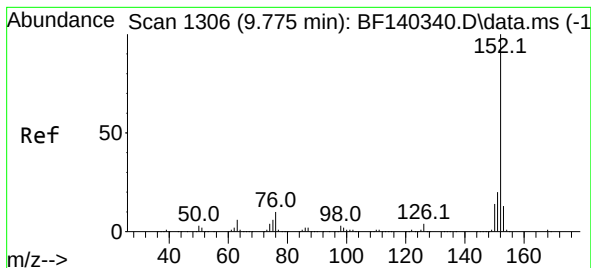
Tgt Ion:162 Resp: 613068
Ion Ratio Lower Upper
162 100
127 42.9 34.0 51.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 44.665 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion: 65 Resp: 212944
Ion Ratio Lower Upper
65 100
92 71.1 56.4 84.6
138 105.6 84.8 127.2





#49

Acenaphthylene

Concen: 46.753 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

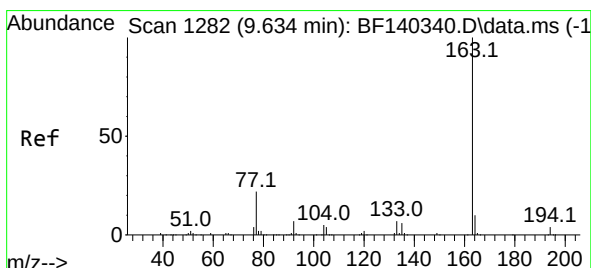
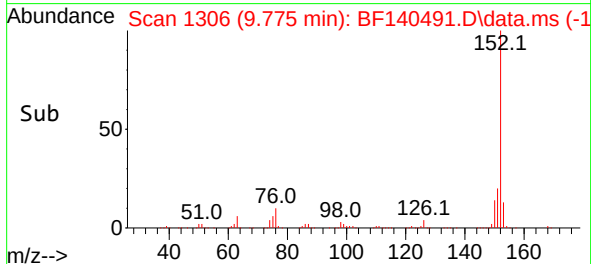
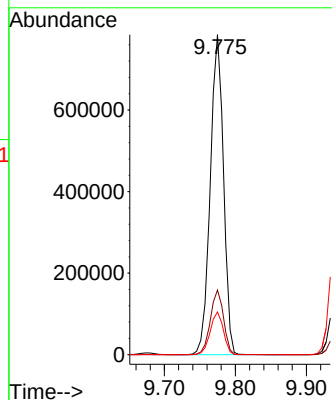
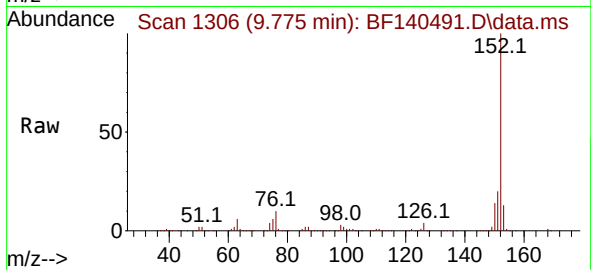
Tgt Ion:152 Resp: 1016892

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 45.066 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

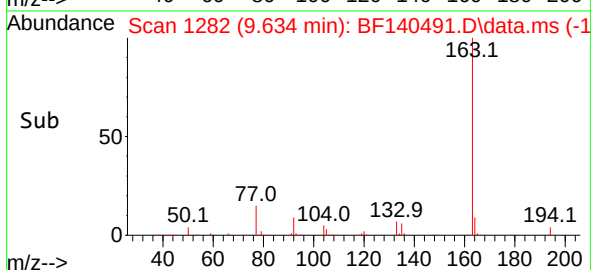
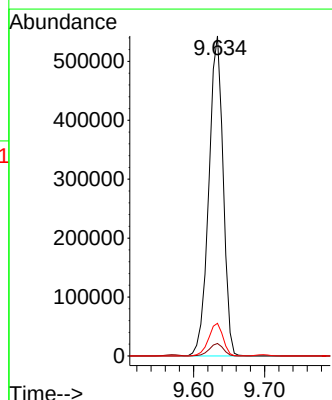
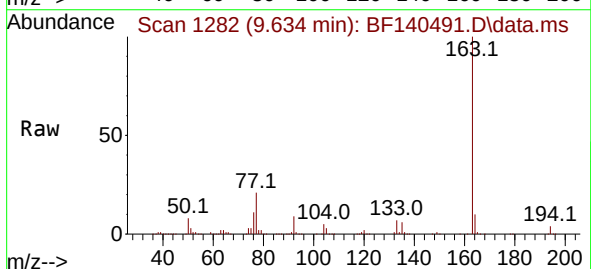
Tgt Ion:163 Resp: 761997

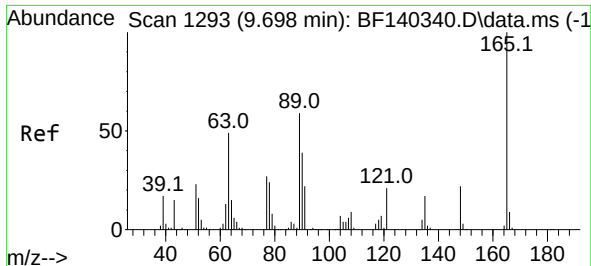
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4

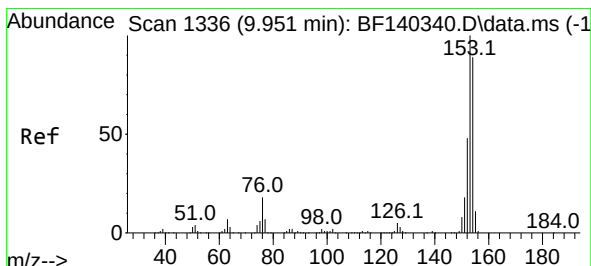
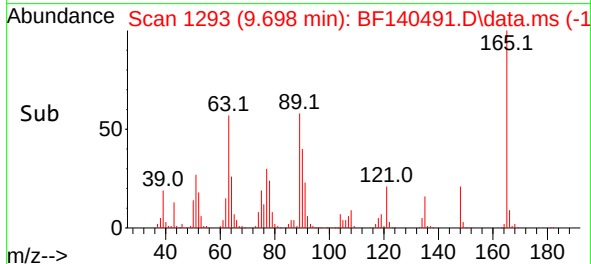
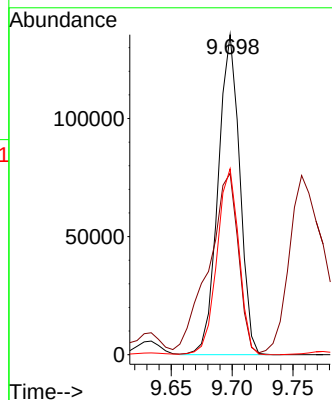
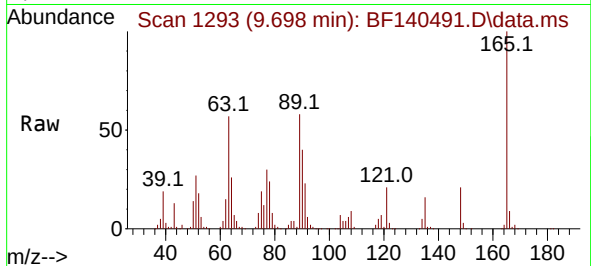




#51
2,6-Dinitrotoluene
Concen: 43.438 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

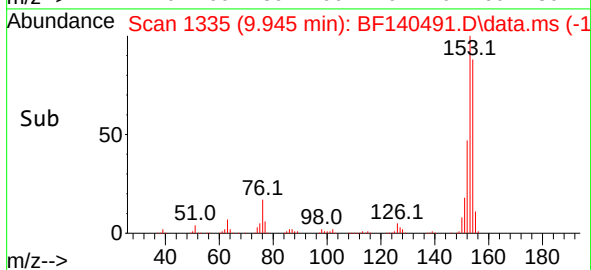
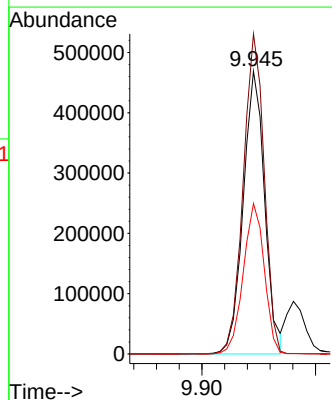
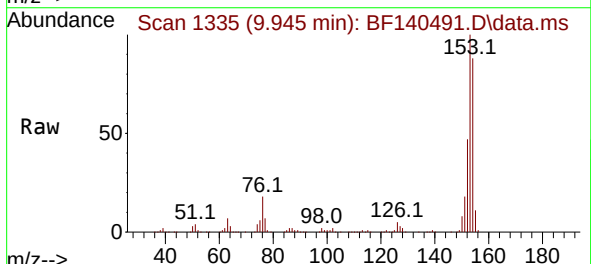
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

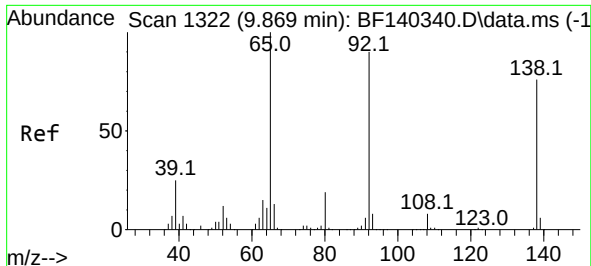
Tgt Ion:165 Resp: 167442
Ion Ratio Lower Upper
165 100
63 56.6 47.6 71.4
89 58.1 48.1 72.1



#52
Acenaphthene
Concen: 41.903 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:154 Resp: 615587
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.8
152 53.2 42.6 64.0

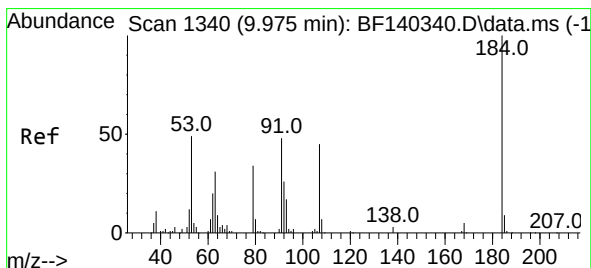
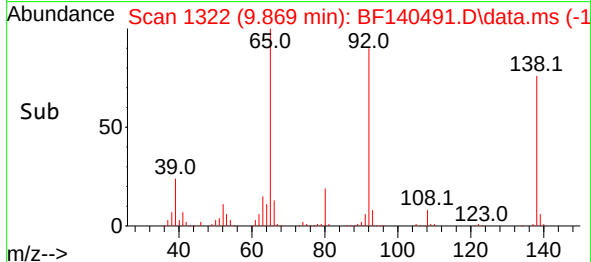
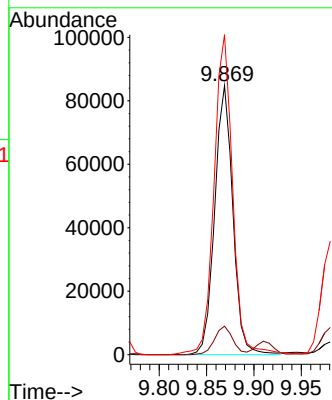
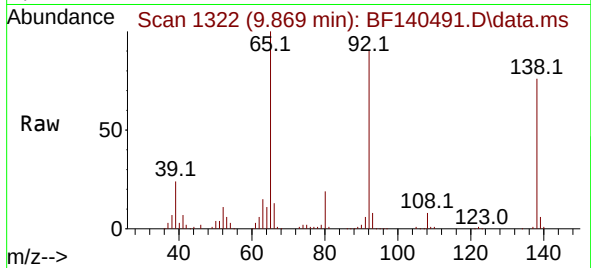




#53
3-Nitroaniline
Concen: 28.032 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

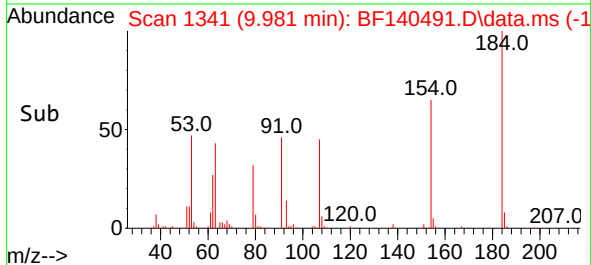
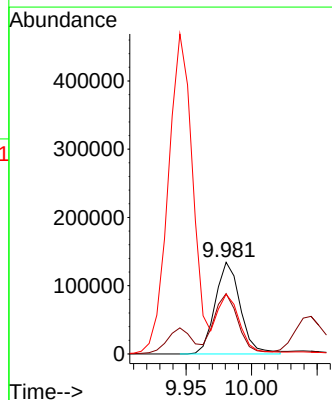
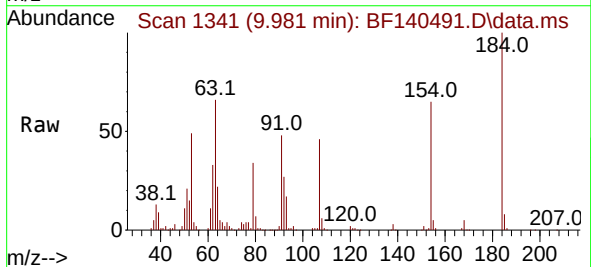
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

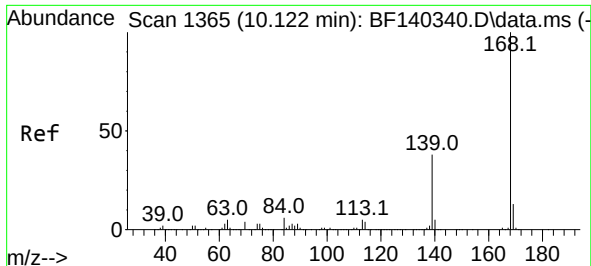
Tgt Ion:138 Resp: 113479
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 118.9 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 90.272 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:184 Resp: 179443
Ion Ratio Lower Upper
184 100
63 65.8 53.5 80.3
154 65.0 51.3 76.9

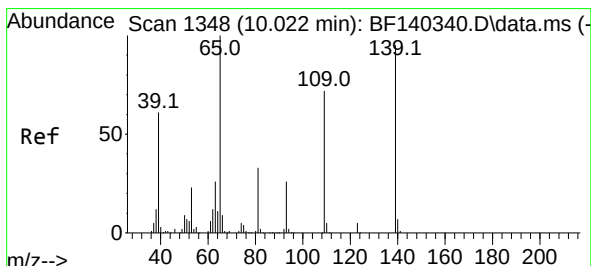
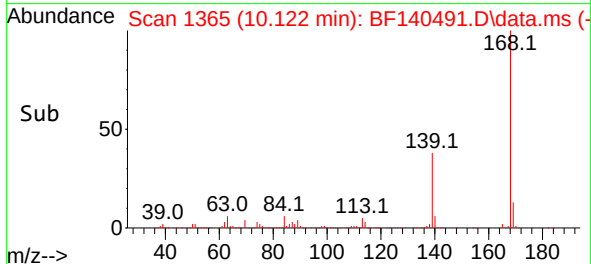
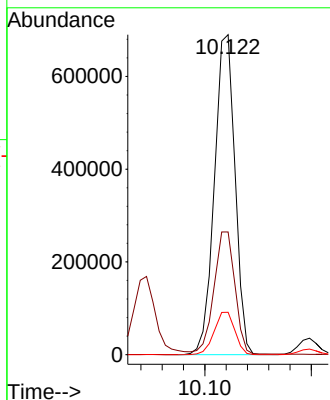
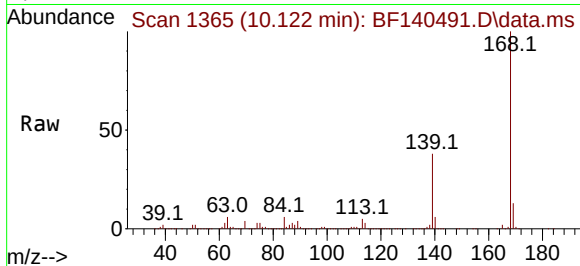




#55
Dibenzofuran
Concen: 44.537 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

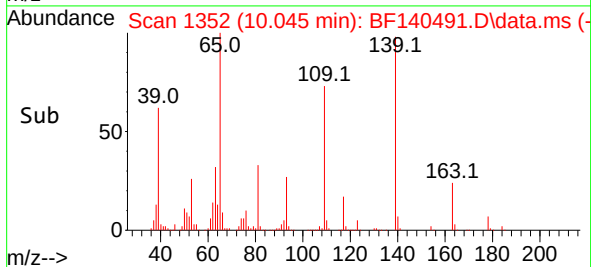
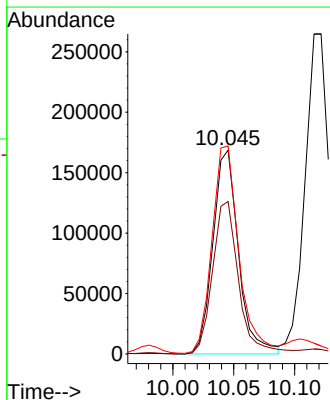
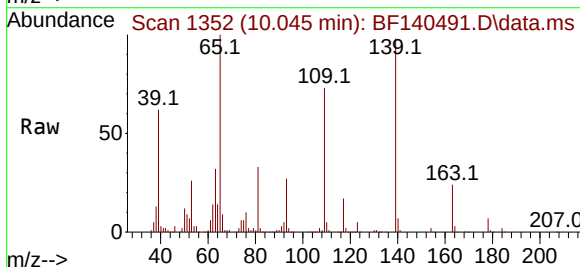
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

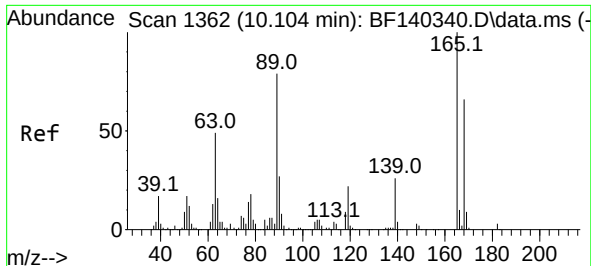
Tgt Ion:168 Resp: 926220
Ion Ratio Lower Upper
168 100
139 38.4 30.8 46.2
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 83.401 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:139 Resp: 246266
Ion Ratio Lower Upper
139 100
109 74.8 54.5 94.5
65 102.1 84.4 124.4

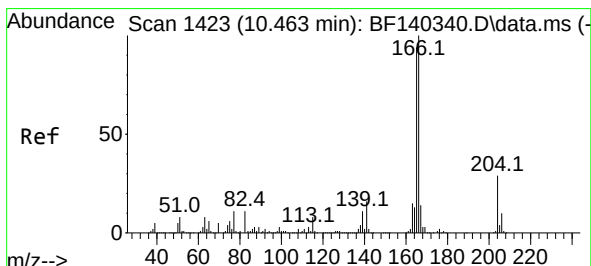
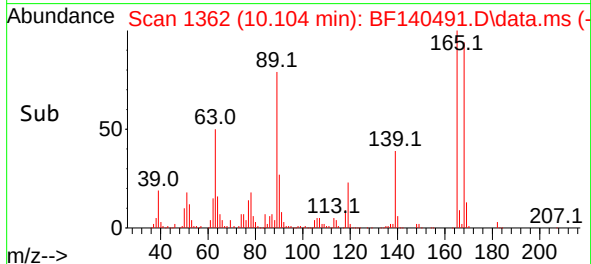
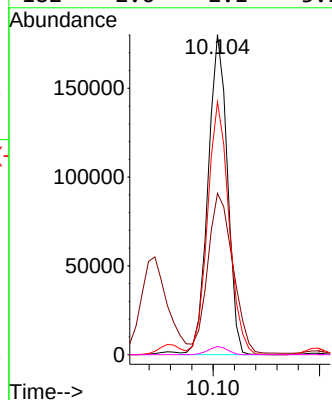
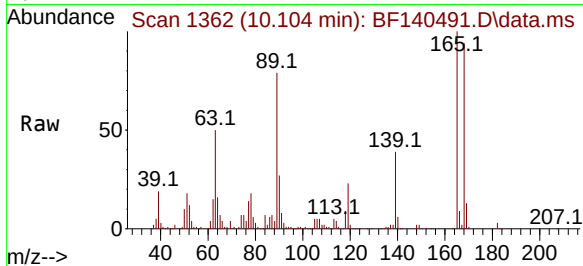




#57
2,4-Dinitrotoluene
Concen: 44.722 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

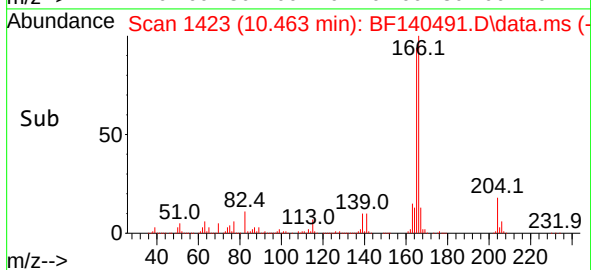
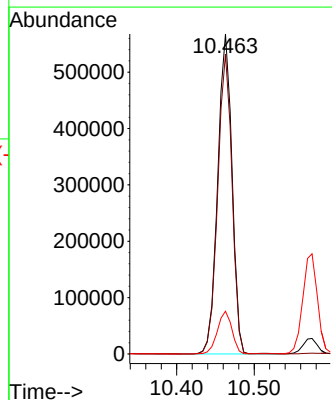
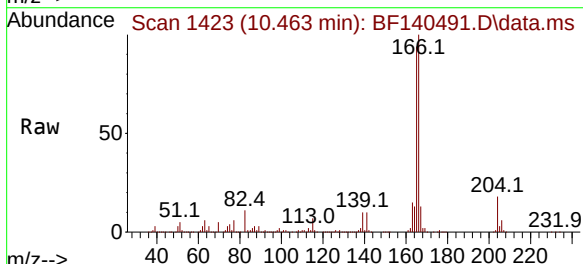
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

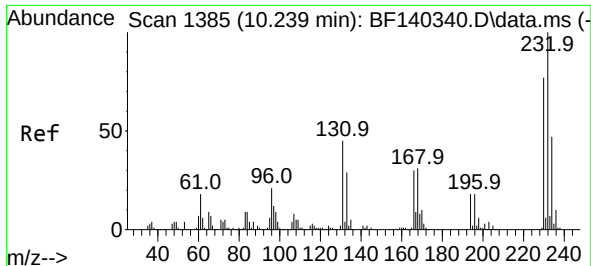
Tgt Ion:	165	Resp:	226880
Ion Ratio	Lower	Upper	
165	100		
63	50.4	39.4	59.0
89	79.0	62.4	93.6
182	2.6	2.1	3.1



#58
Fluorene
Concen: 44.342 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

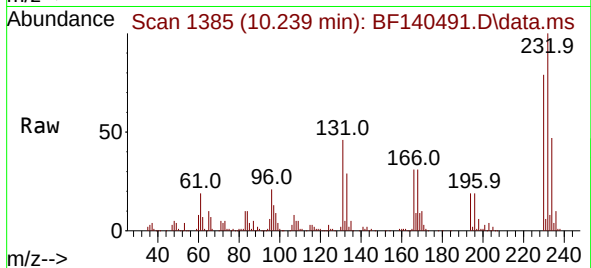
Tgt Ion:	166	Resp:	728499
Ion Ratio	Lower	Upper	
166	100		
165	93.7	73.9	110.9
167	13.4	10.9	16.3



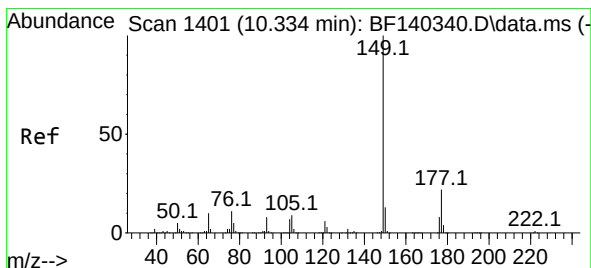
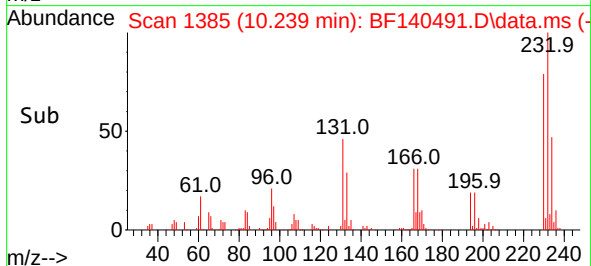
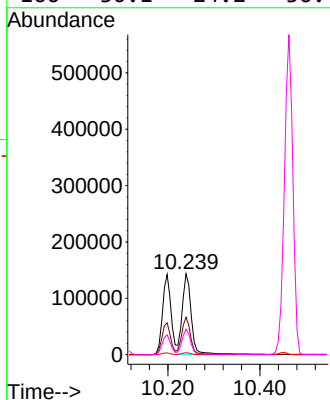


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.235 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Instrument :
BNA_F
ClientSampleId :
PB165039BSD

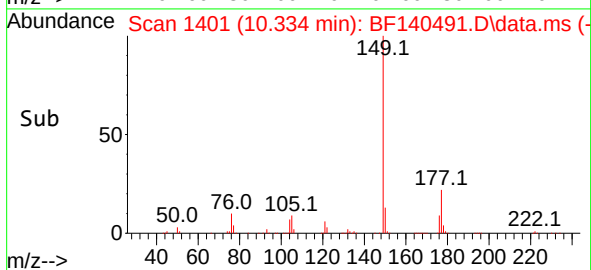
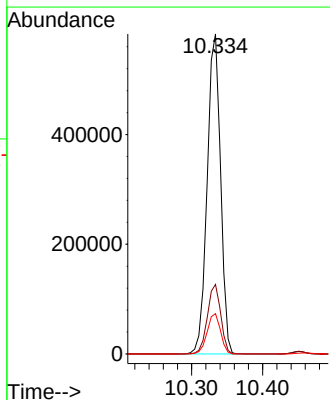
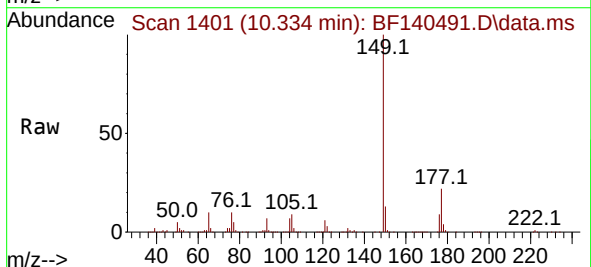


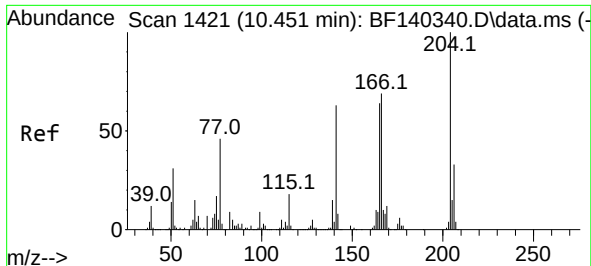
Tgt Ion:232 Resp: 191962
Ion Ratio Lower Upper
232 100
131 45.8 36.8 55.2
130 2.2 1.9 2.9
166 30.1 24.2 36.4



#60
Diethylphthalate
Concen: 44.186 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:149 Resp: 763965
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.1 15.1

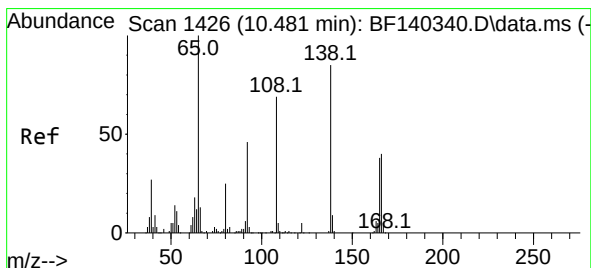
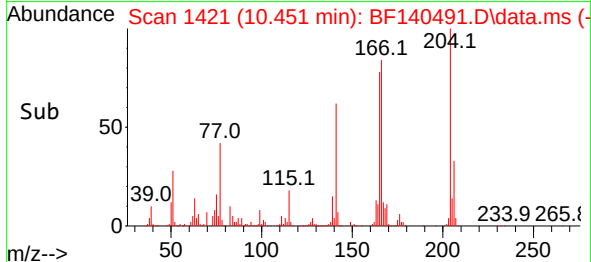
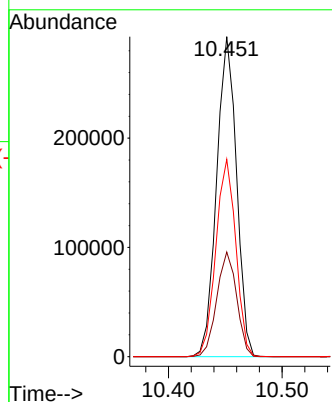
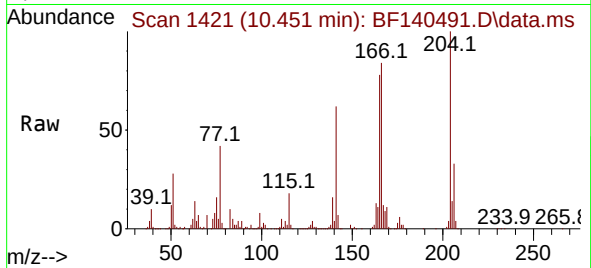




#61
4-Chlorophenyl-phenylether
Concen: 44.021 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

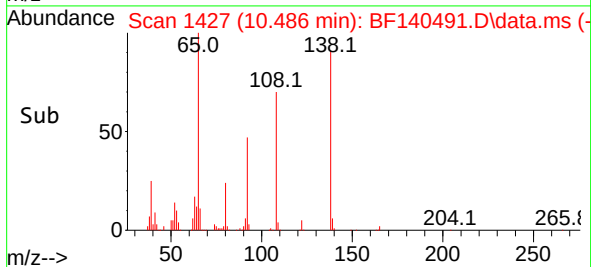
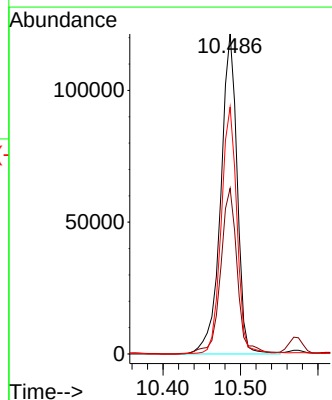
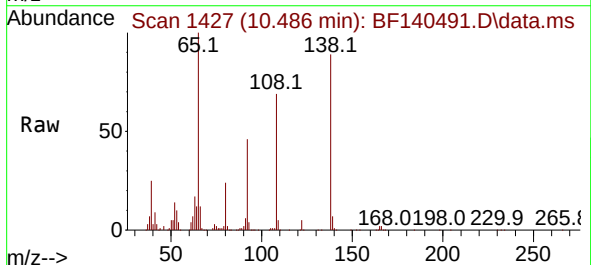
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

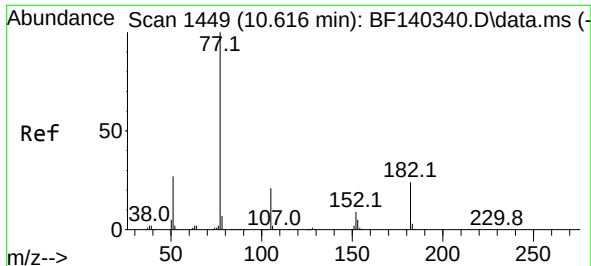
Tgt Ion:	204	Resp:	357046
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	61.7	49.8	74.8



#62
4-Nitroaniline
Concen: 43.209 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:	138	Resp:	178849
Ion	Ratio	Lower	Upper
138	100		
92	51.7	33.8	73.8
108	77.2	59.9	99.9

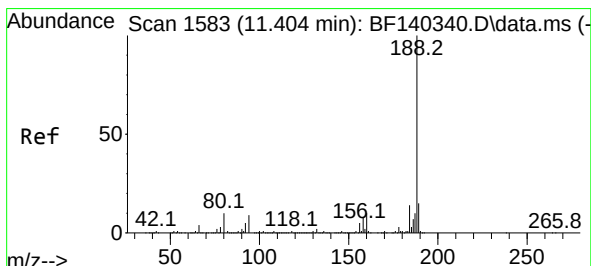
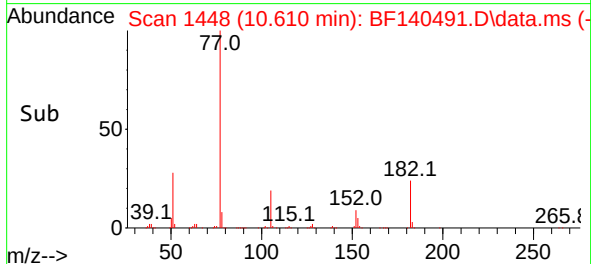
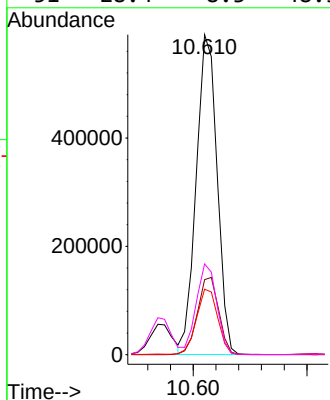
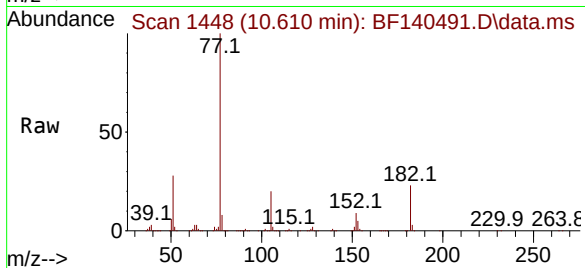




#63
Azobenzene
Concen: 44.178 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

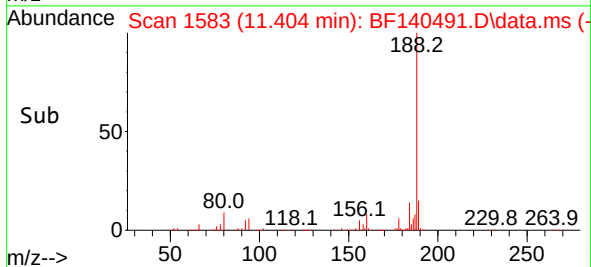
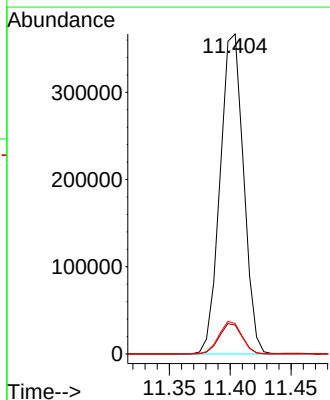
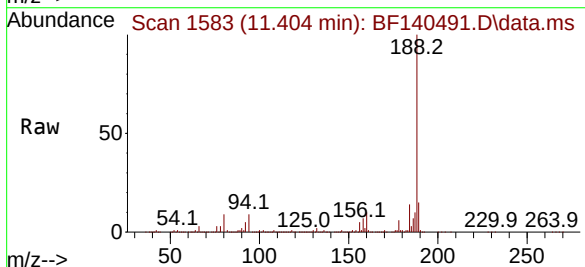
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

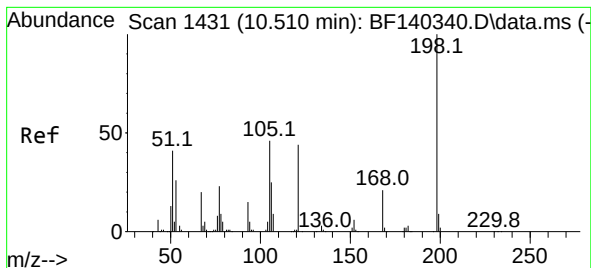
Tgt Ion: 77	Resp: 754707
Ion Ratio	Lower Upper
77 100	
182 23.5	4.6 44.6
105 20.5	0.9 40.9
51 28.4	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:188	Resp: 492347
Ion Ratio	Lower Upper
188 100	
94 9.0	7.6 11.4
80 9.5	8.0 12.0

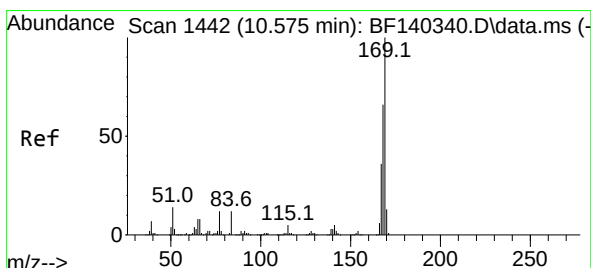
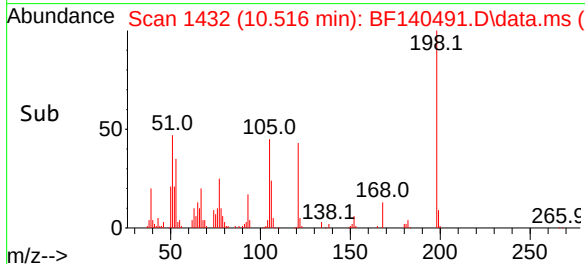
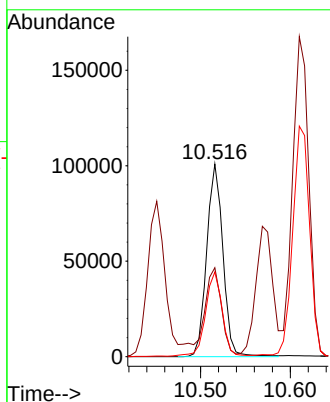
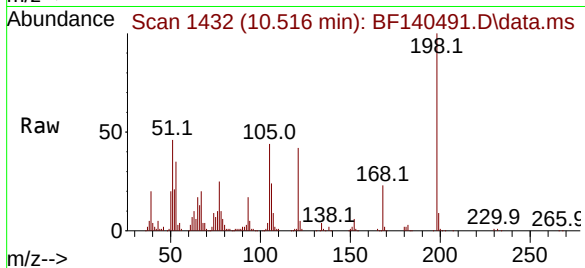




#65
4,6-Dinitro-2-methylphenol
Concen: 47.933 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

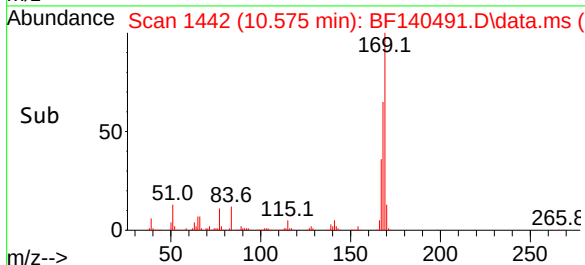
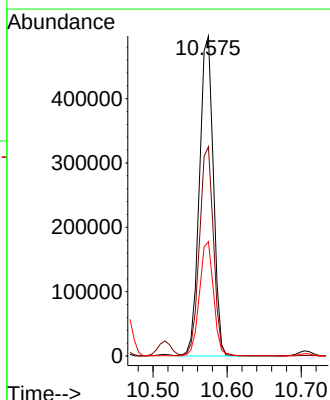
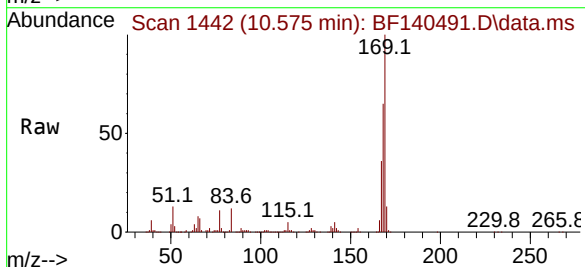
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

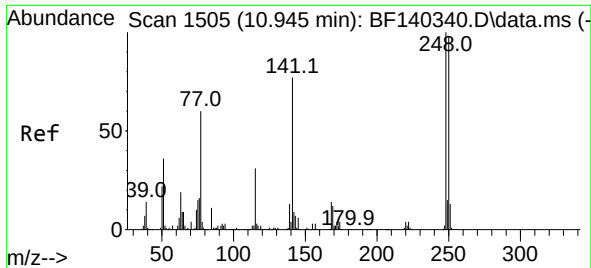
Tgt Ion:198 Resp: 126971
Ion Ratio Lower Upper
198 100
51 46.2 29.7 69.7
105 43.9 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 45.641 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:169 Resp: 649271
Ion Ratio Lower Upper
169 100
168 65.4 52.7 79.1
167 35.7 29.3 43.9

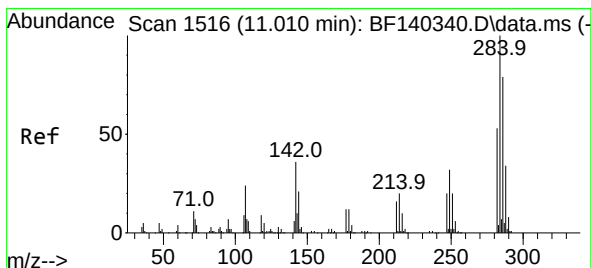
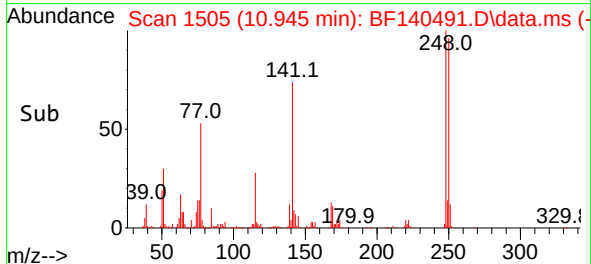
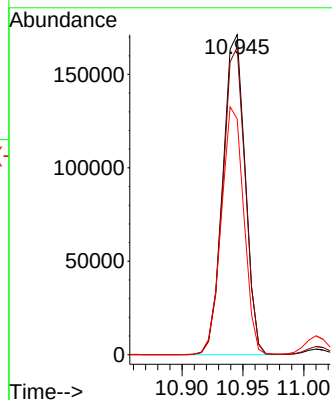
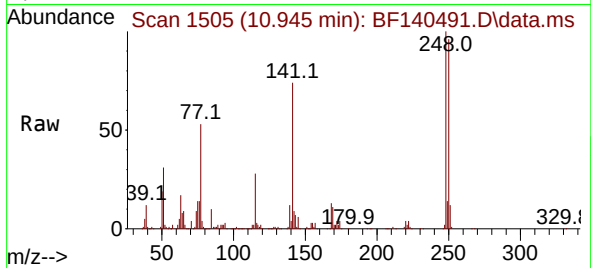




#67
4-Bromophenyl-phenylether
Concen: 44.587 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

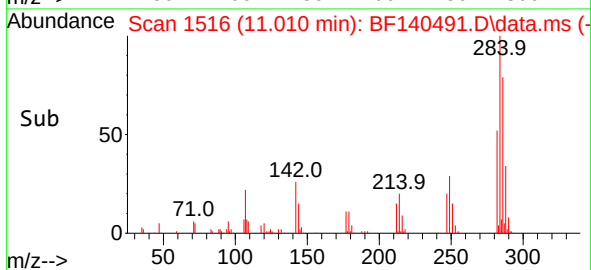
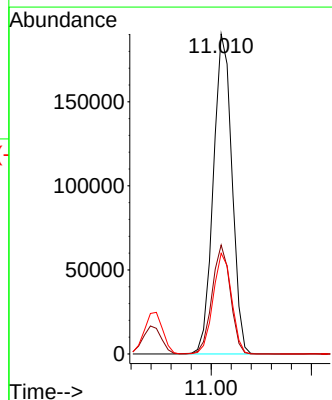
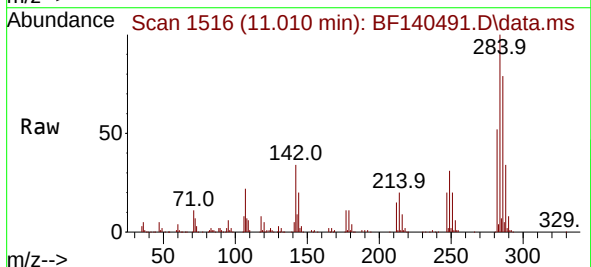
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

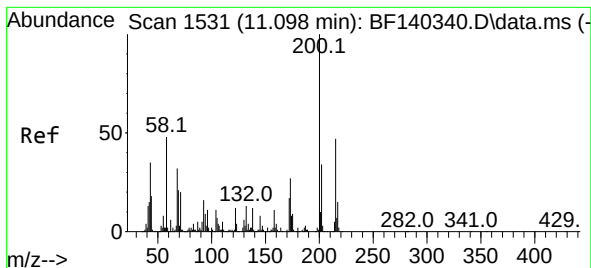
Tgt Ion:248 Resp: 219437
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 73.7 61.8 92.6



#68
Hexachlorobenzene
Concen: 44.224 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:284 Resp: 244889
Ion Ratio Lower Upper
284 100
142 34.1 28.1 42.1
249 31.5 24.9 37.3





#69

Atrazine

Concen: 49.997 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

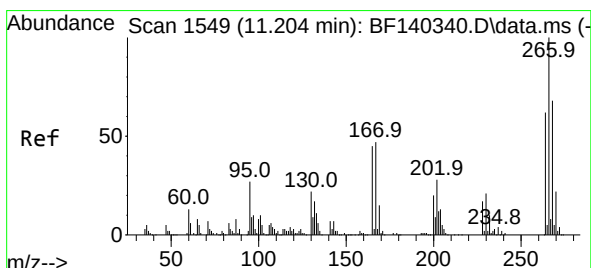
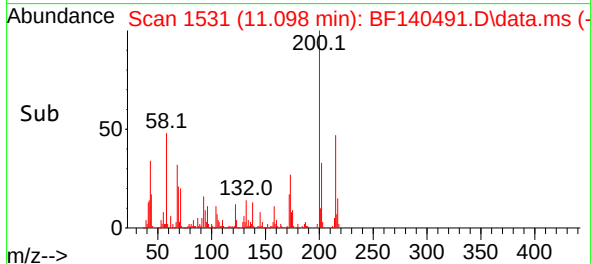
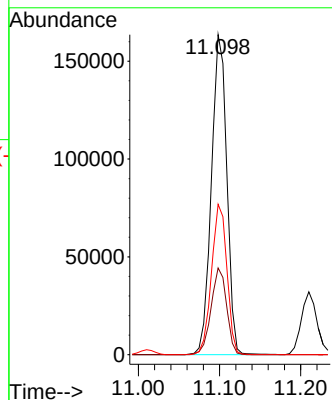
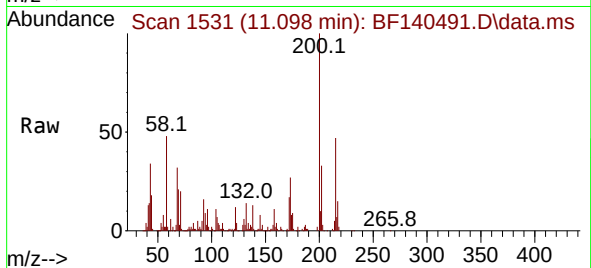
Tgt Ion:200 Resp: 215183

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 47.0 27.2 67.2



#70

Pentachlorophenol

Concen: 84.474 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

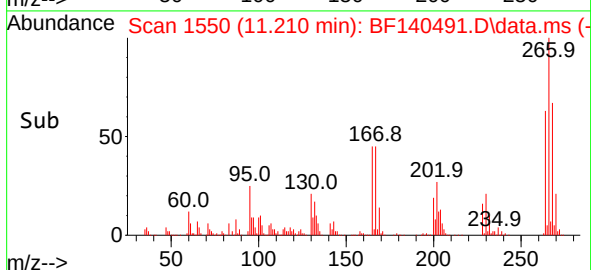
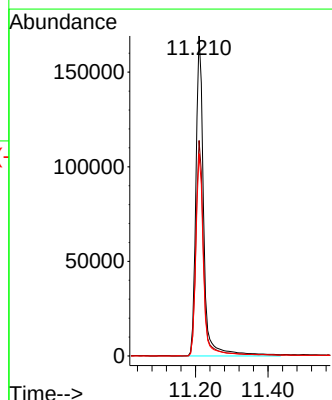
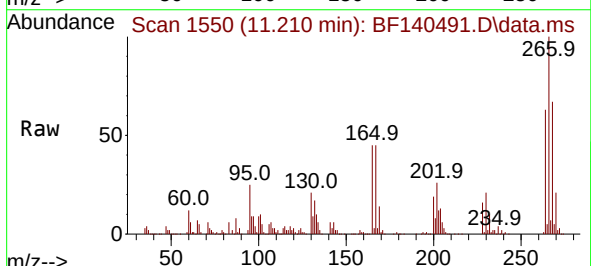
Tgt Ion:266 Resp: 251973

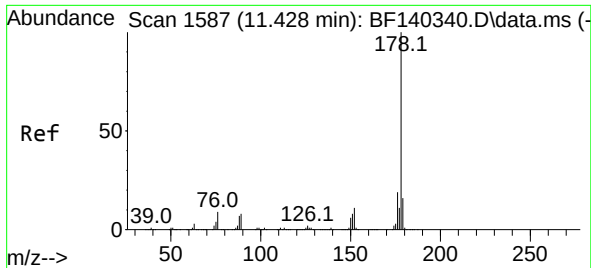
Ion Ratio Lower Upper

266 100

268 67.4 52.9 79.3

264 63.2 50.3 75.5

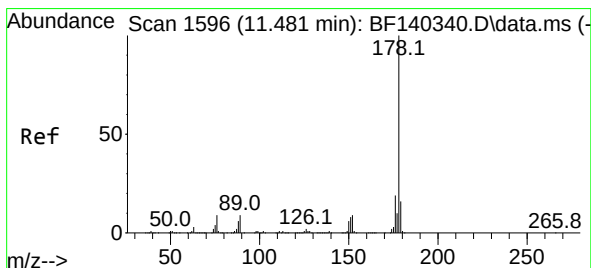
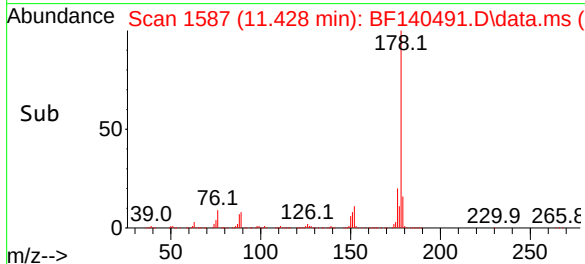
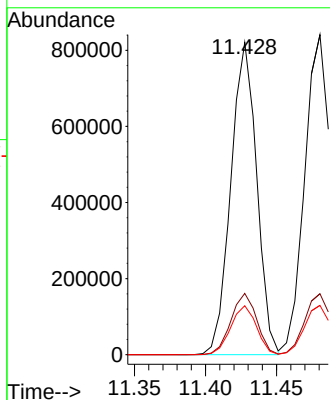
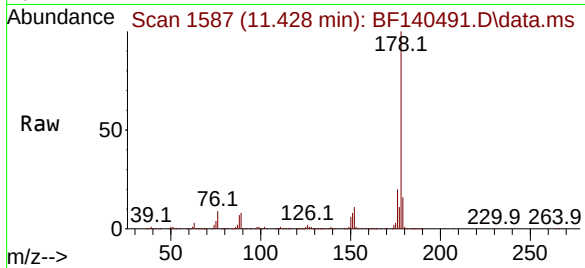




#71
Phenanthrene
Concen: 45.005 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

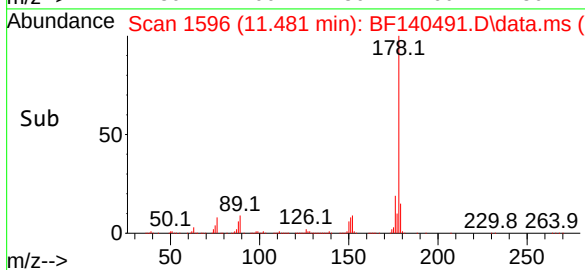
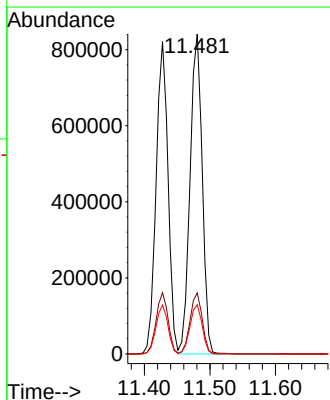
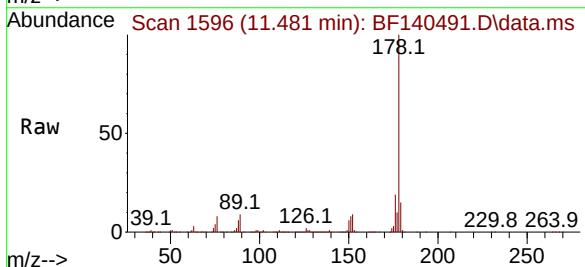
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

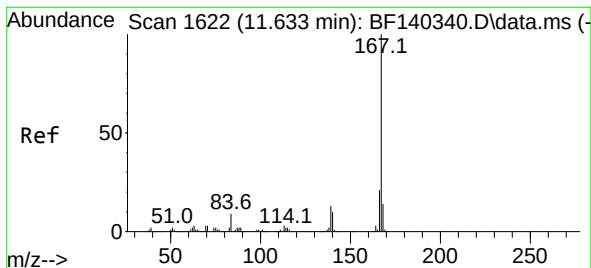
Tgt Ion:178 Resp: 1040890
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.4 18.6



#72
Anthracene
Concen: 47.601 ng
RT: 11.481 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:178 Resp: 1078980
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.6 18.8

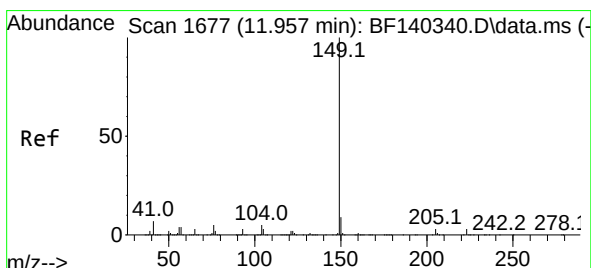
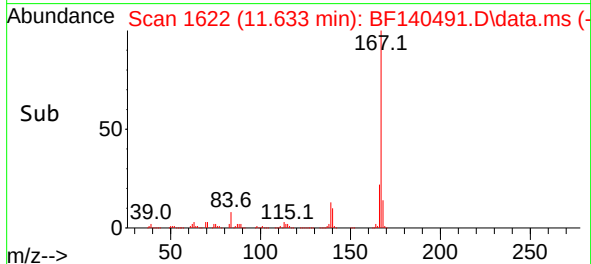
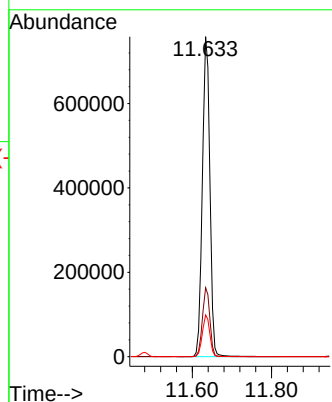
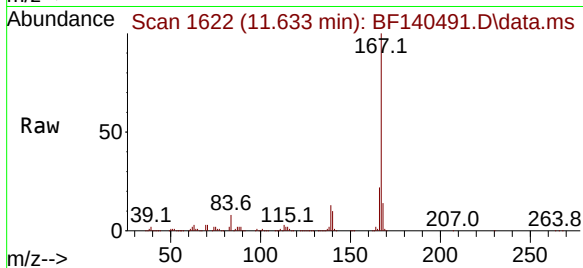




#73
Carbazole
Concen: 44.369 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

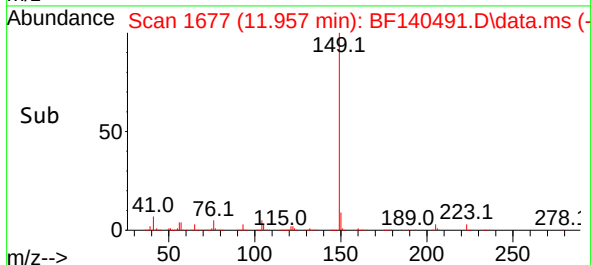
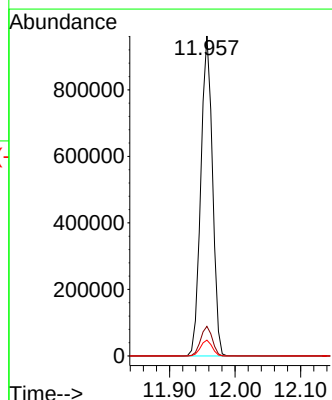
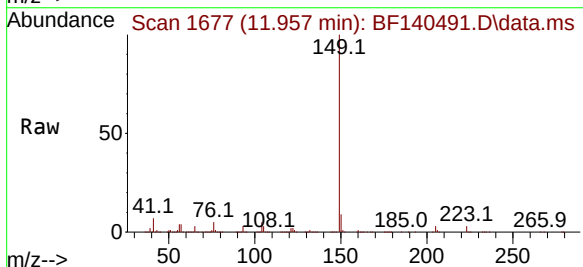
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

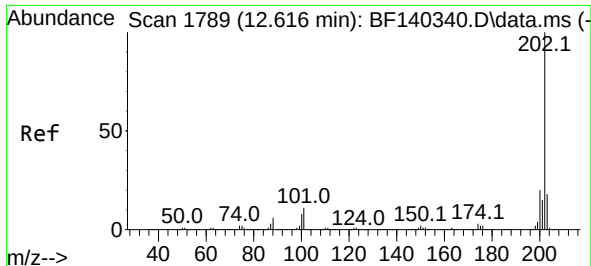
Tgt Ion:167 Resp: 993041
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.1 10.4 15.6



#74
Di-n-butylphthalate
Concen: 44.389 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:149 Resp: 1192406
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.0 4.0 6.0

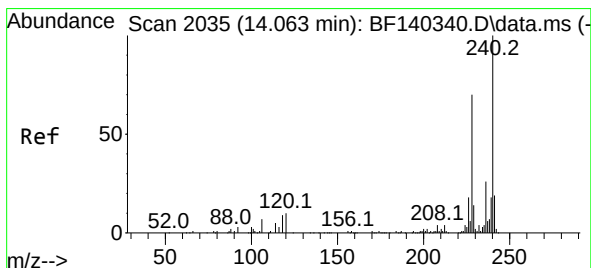
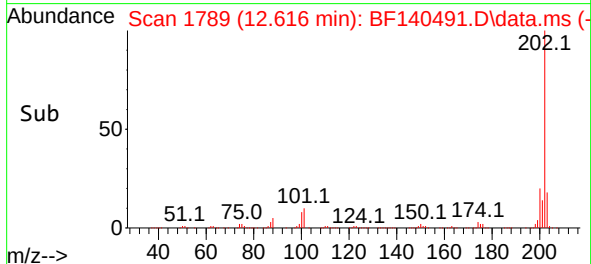
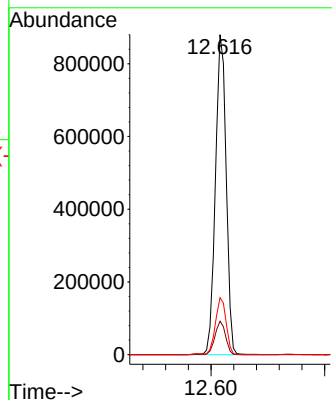
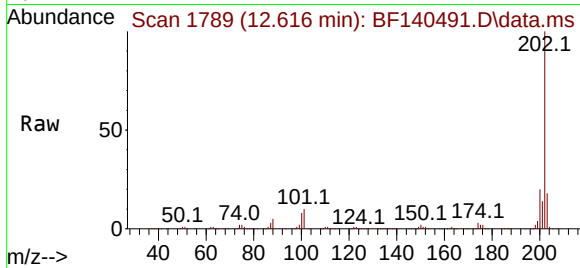




#75
Fluoranthene
Concen: 44.367 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

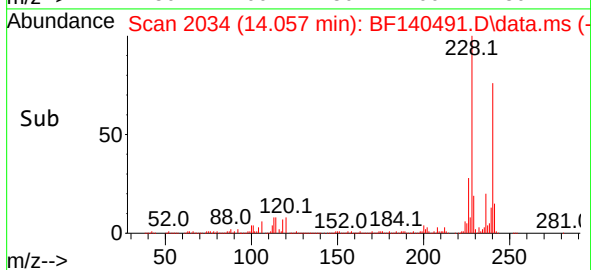
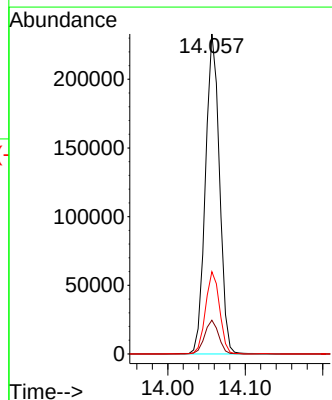
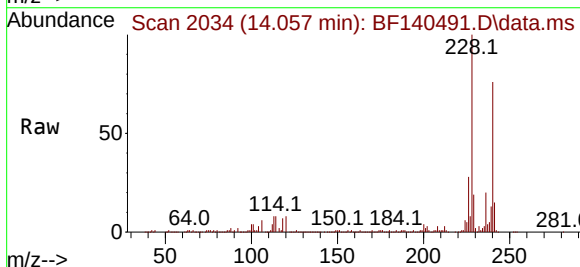
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

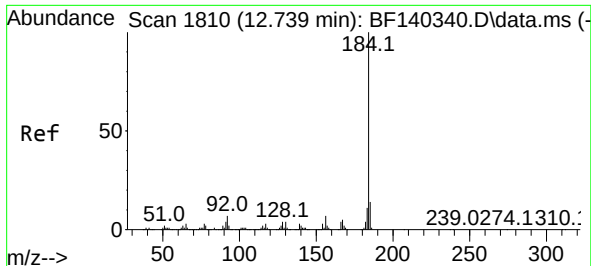
Tgt Ion:202 Resp: 1151225
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:240 Resp: 292939
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.7 20.9 31.3

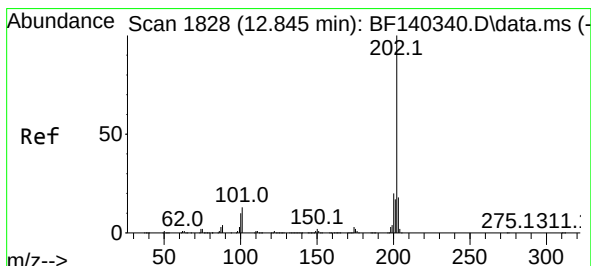
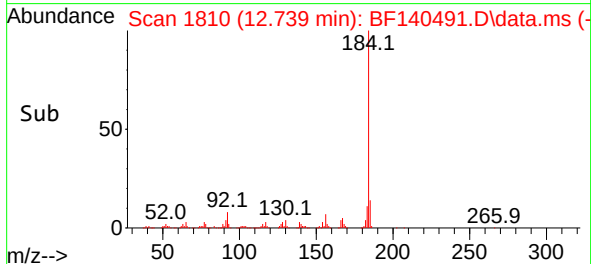
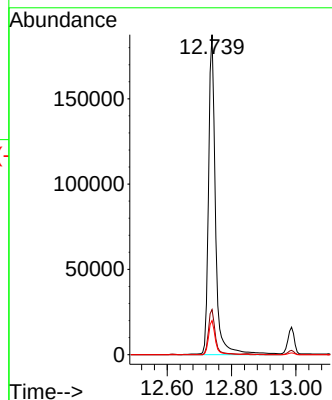
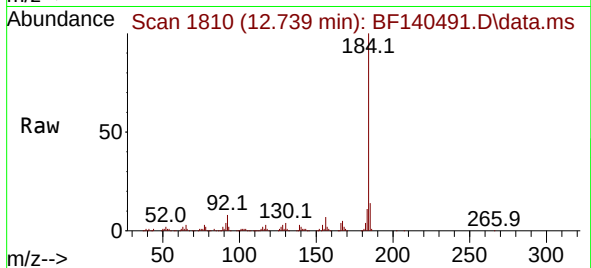




#77
Benzidine
Concen: 25.267 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

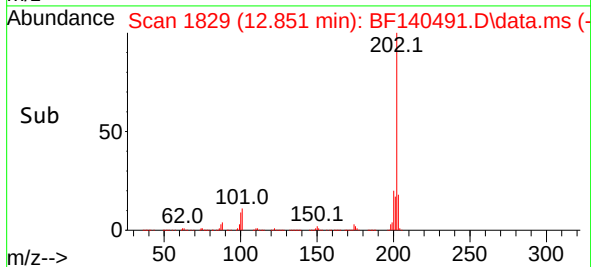
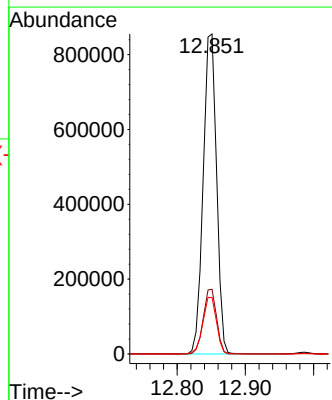
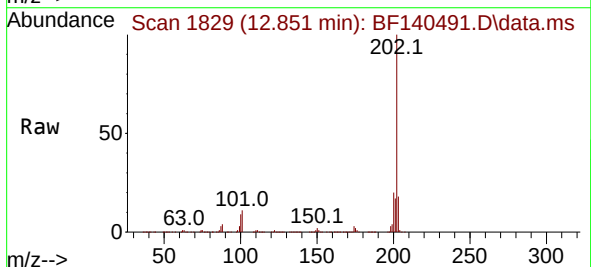
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

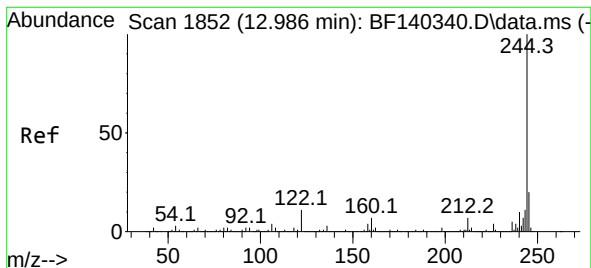
Tgt Ion:184 Resp: 284086
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 10.7 8.6 13.0



#78
Pyrene
Concen: 46.565 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:202 Resp: 1166778
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 93.294 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

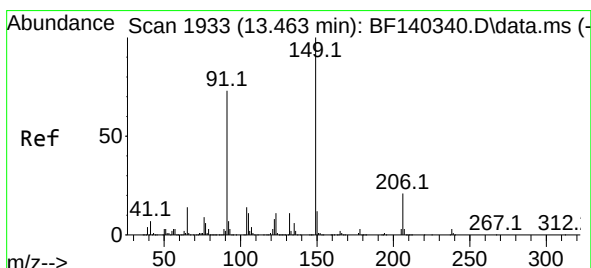
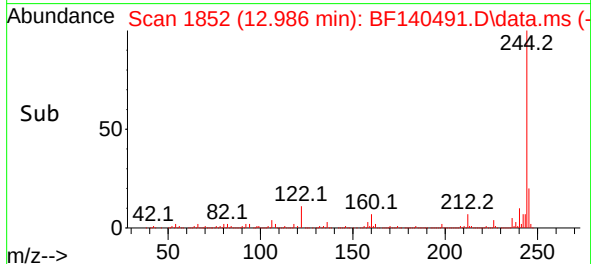
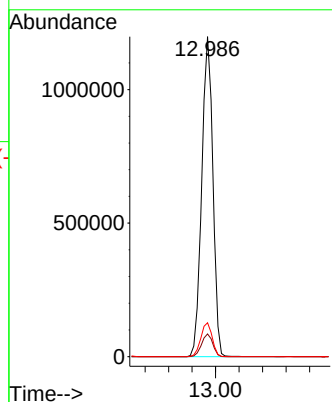
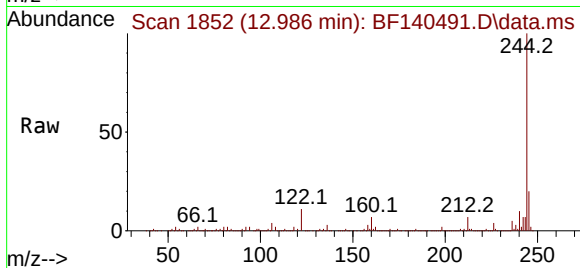
Tgt Ion:244 Resp: 1574473

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 47.871 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

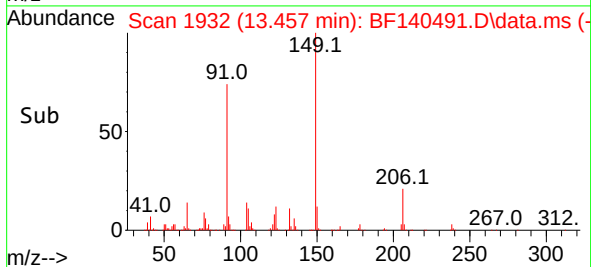
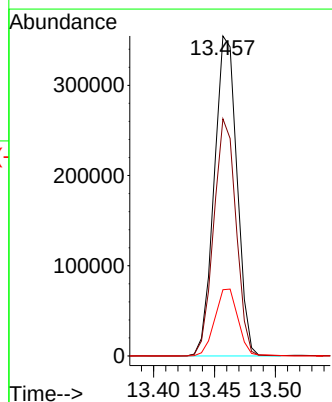
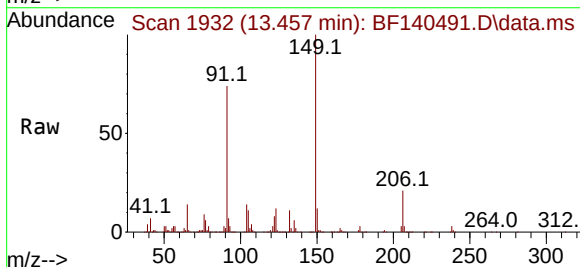
Tgt Ion:149 Resp: 460791

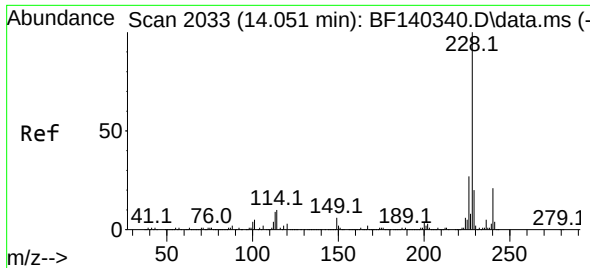
Ion Ratio Lower Upper

149 100

91 74.1 61.0 91.4

206 20.7 16.1 24.1

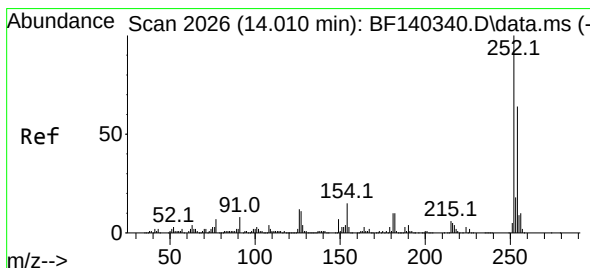
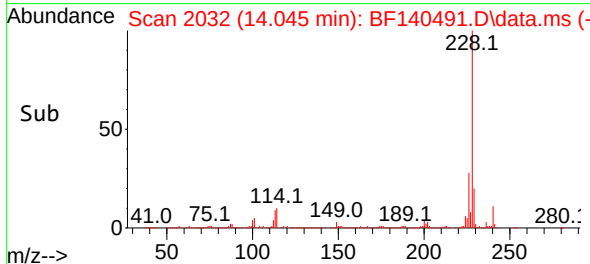
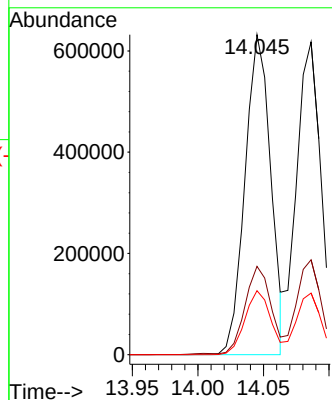
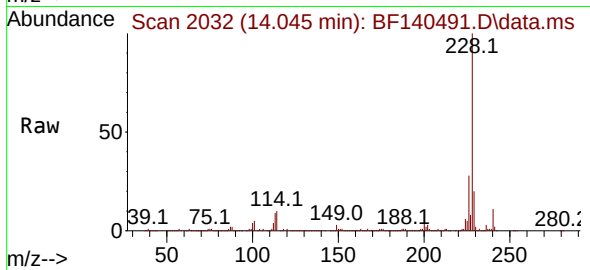




#81
Benzo(a)anthracene
Concen: 44.801 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

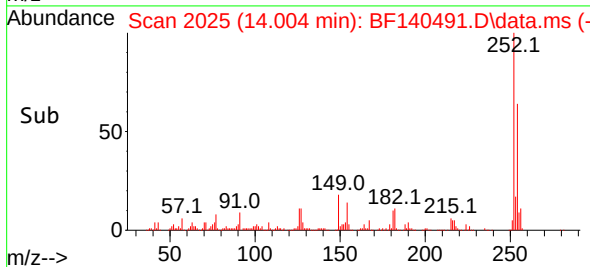
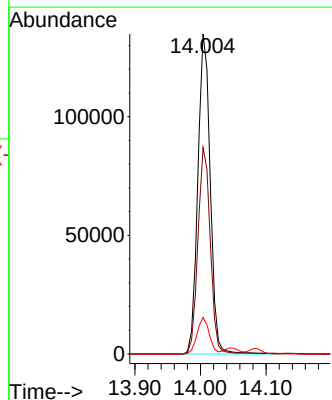
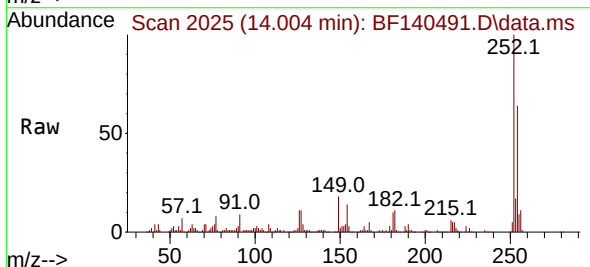
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

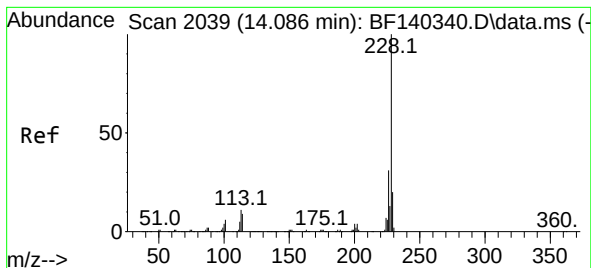
Tgt Ion:228 Resp: 862530
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 29.046 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:252 Resp: 177745
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 11.4 9.4 14.0





#83

Chrysene

Concen: 45.508 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

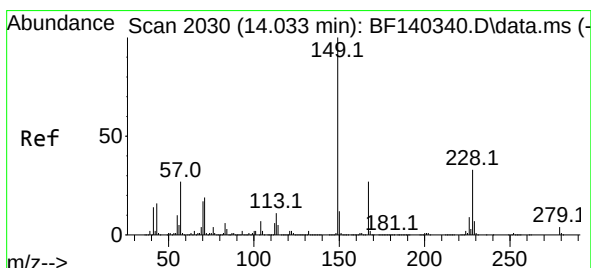
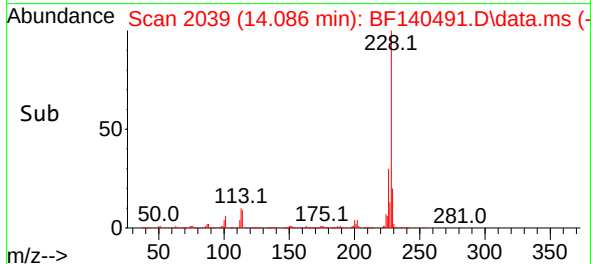
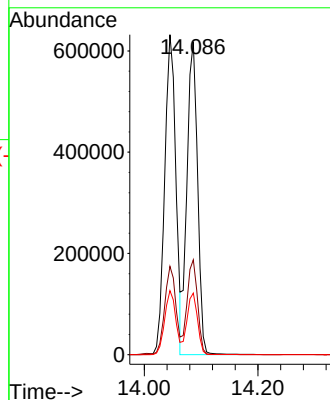
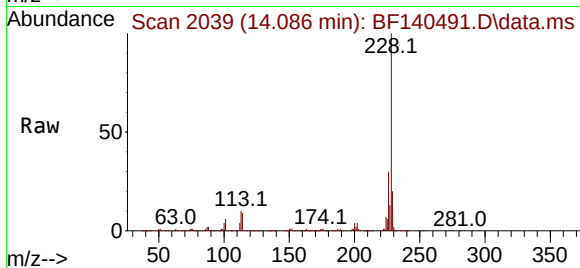
Tgt Ion:228 Resp: 799412

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.223 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

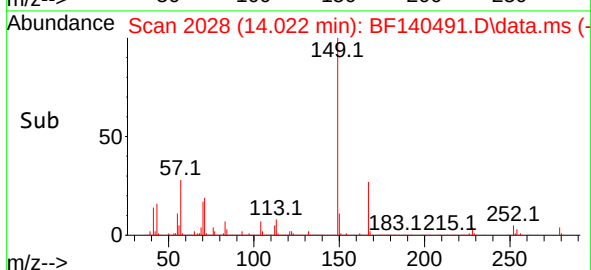
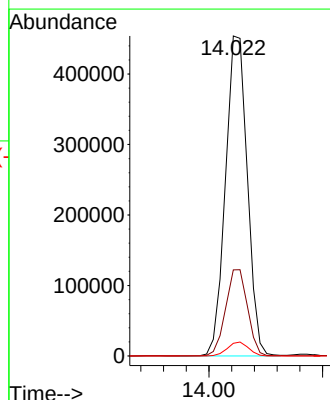
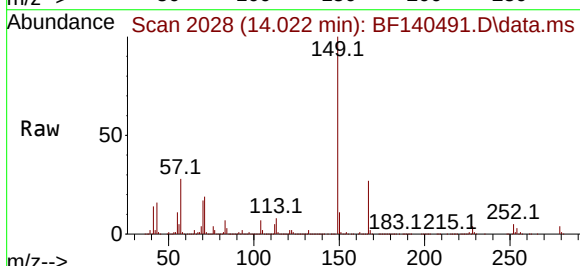
Tgt Ion:149 Resp: 606727

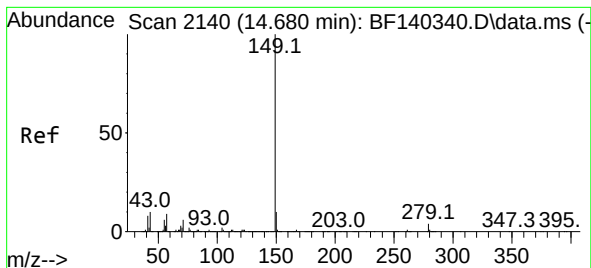
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 3.9 3.0 4.6

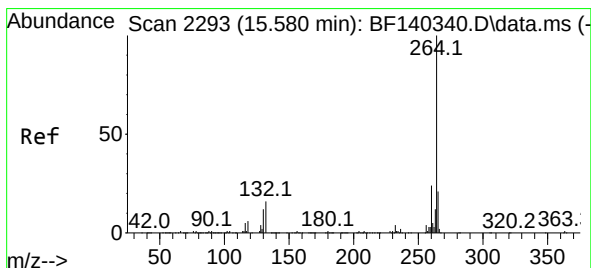
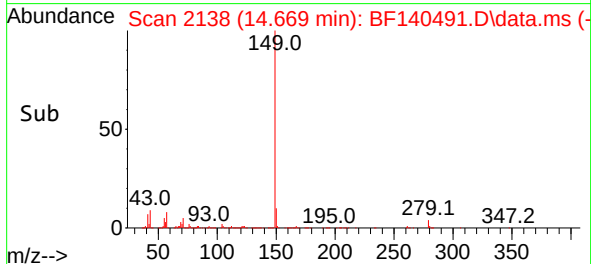
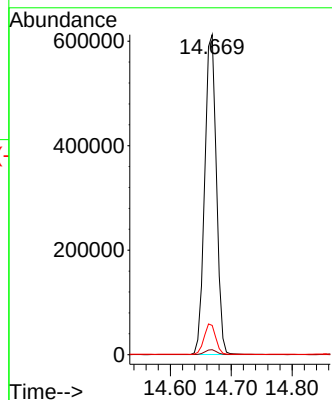
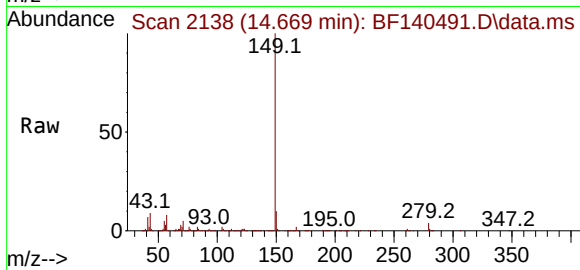




#85
Di-n-octyl phthalate
Concen: 45.064 ng
RT: 14.669 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

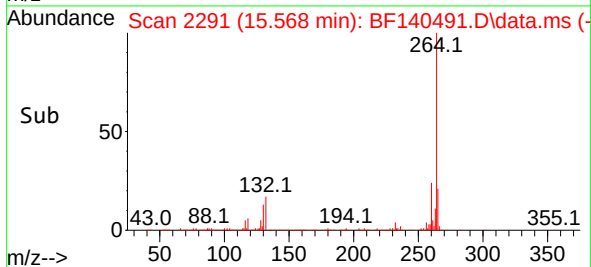
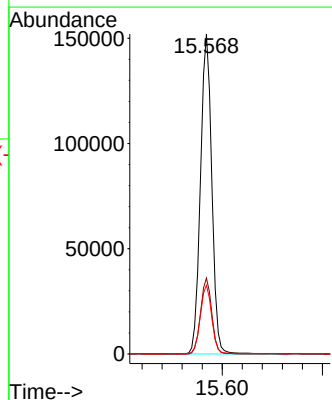
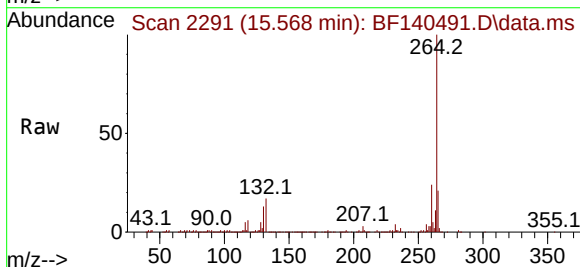
Instrument :
BNA_F
ClientSampleId :
PB165039BSD

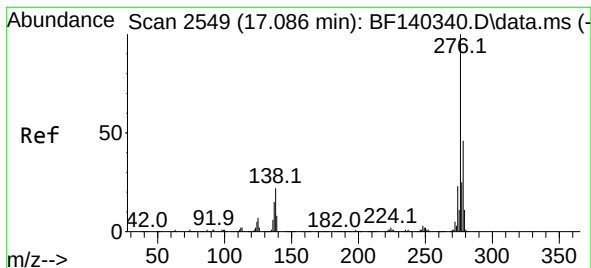
Tgt Ion:149 Resp: 815449
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.4 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF140491.D
Acq: 20 Nov 2024 10:49

Tgt Ion:264 Resp: 237975
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.098 ng

RT: 17.086 min Scan# 2110

Delta R.T. 0.029 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

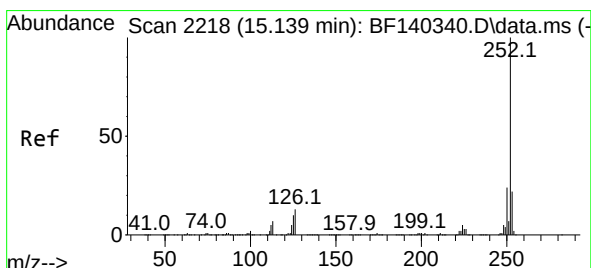
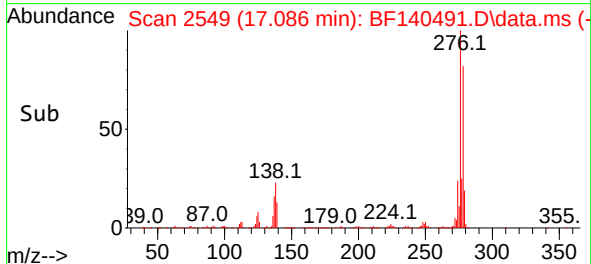
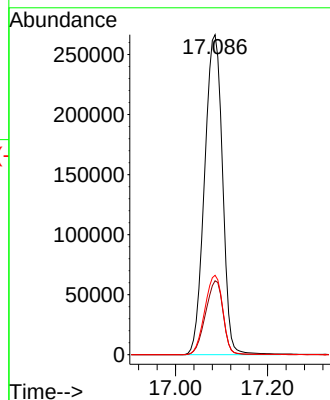
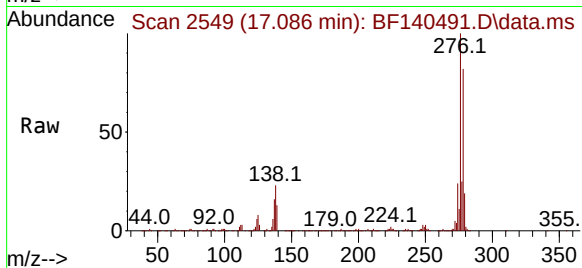
Tgt Ion:276 Resp: 721757

Ion Ratio Lower Upper

276 100

138 22.7 18.8 28.2

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.541 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

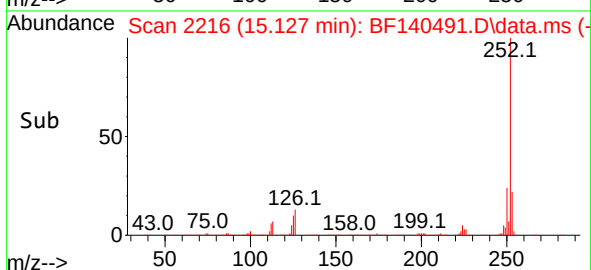
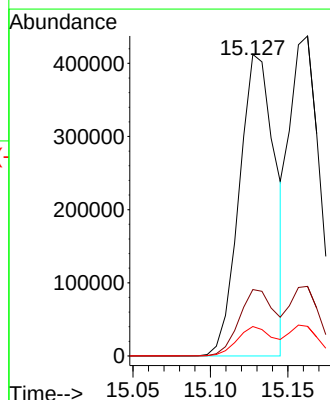
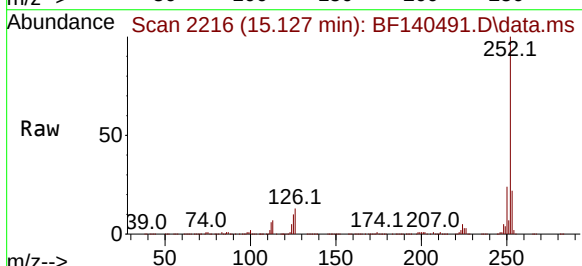
Tgt Ion:252 Resp: 662250

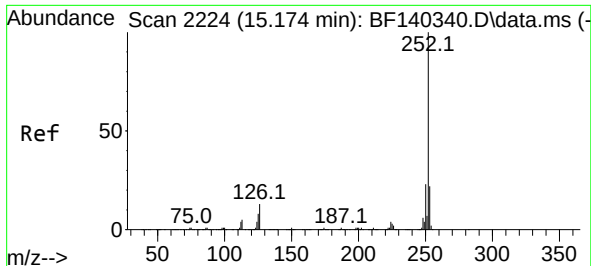
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.415 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

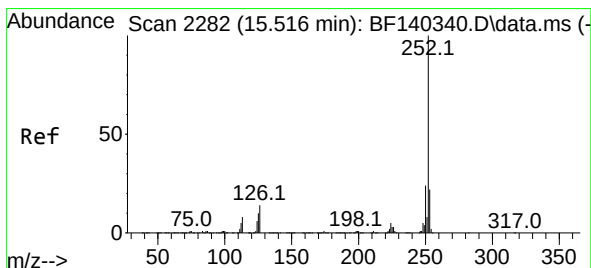
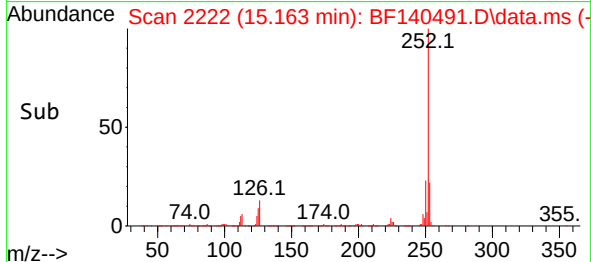
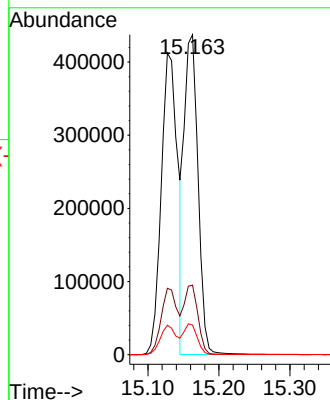
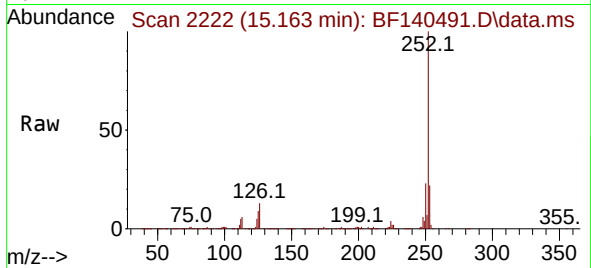
Tgt Ion:252 Resp: 590265

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.691 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

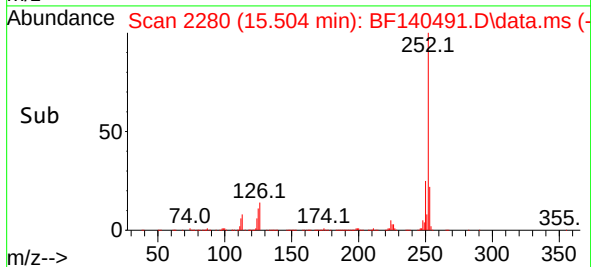
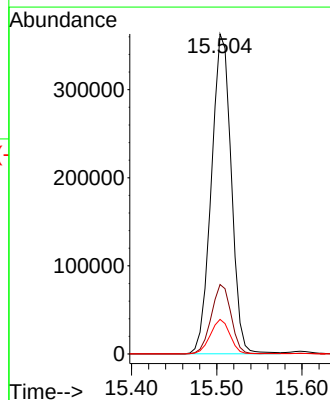
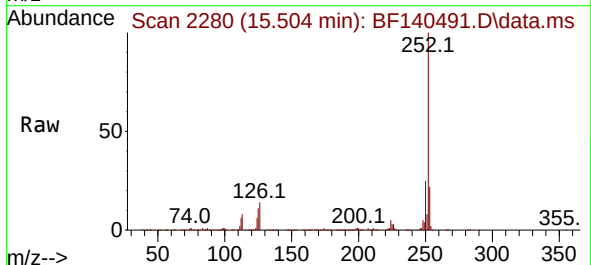
Tgt Ion:252 Resp: 588626

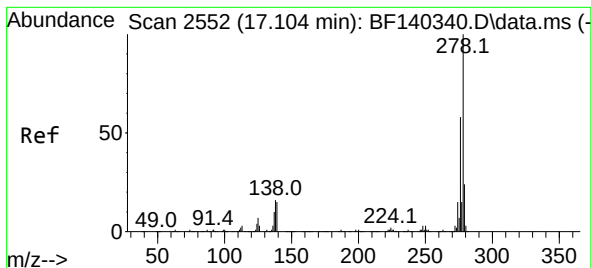
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.8 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 48.720 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

Instrument :

BNA_F

ClientSampleId :

PB165039BSD

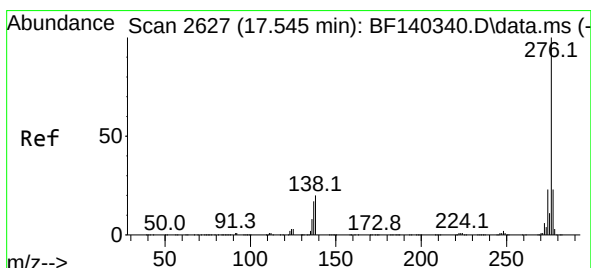
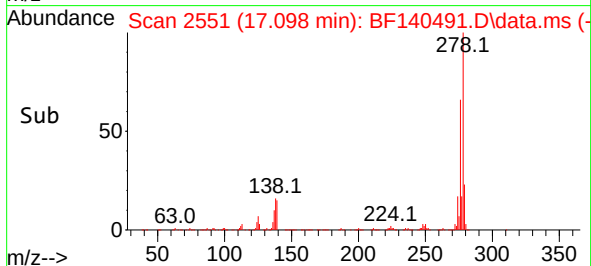
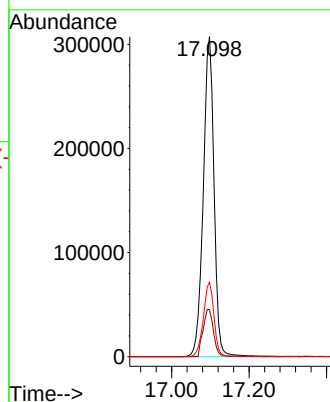
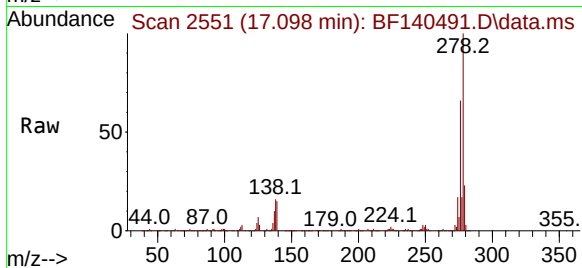
Tgt Ion:278 Resp: 592002

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.8

279 23.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 45.008 ng

RT: 17.539 min Scan# 2626

Delta R.T. 0.024 min

Lab File: BF140491.D

Acq: 20 Nov 2024 10:49

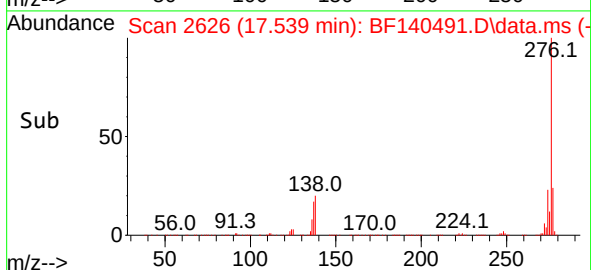
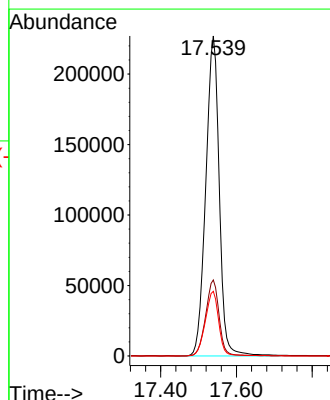
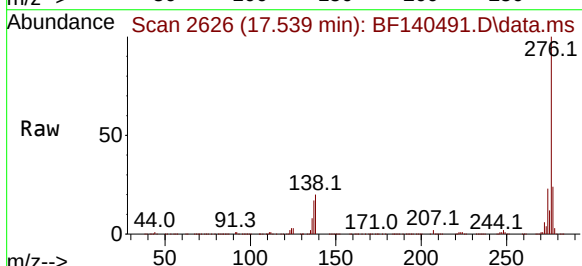
Tgt Ion:276 Resp: 559109

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 20.2 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140499.D
 Acq On : 20 Nov 2024 14:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 20 15:17:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140286	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	505022	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	281514	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	514713	20.000	ng	0.00
76) Chrysene-d12	14.045	240	286743	20.000	ng	0.00
86) Perylene-d12	15.539	264	269781	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	660198	80.351	ng	0.00
7) Phenol-d6	6.516	99	874391	78.548	ng	0.01
23) Nitrobenzene-d5	7.439	82	806985	83.256	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	233944	83.568	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1414875	80.794	ng	0.00
79) Terphenyl-d14	12.986	244	1440888	87.224	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	148088	40.439	ng	98
3) Pyridine	3.410	79	318859	35.418	ng	99
4) n-Nitrosodimethylamine	3.363	42	182316	40.069	ng	100
6) Aniline	6.539	93	213341	22.031	ng	# 8
8) 2-Chlorophenol	6.669	128	352081	39.891	ng	96
9) Benzaldehyde	6.428	77	388456	58.224	ng	99
10) Phenol	6.534	94	449166	38.261	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	365051	41.040	ng	99
12) 1,3-Dichlorobenzene	6.816	146	393877	40.447	ng	99
13) 1,4-Dichlorobenzene	6.892	146	394841	39.987	ng	99
14) 1,2-Dichlorobenzene	7.045	146	368337	40.182	ng	99
15) Benzyl Alcohol	7.016	79	315533	39.342	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	442205	35.991	ng	51
17) 2-Methylphenol	7.133	107	284771	39.222	ng	95
18) Hexachloroethane	7.386	117	146798	40.214	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	251629	37.427	ng	99
20) 3+4-Methylphenols	7.286	107	354993	39.096	ng	# 88
22) Acetophenone	7.281	105	479439	40.818	ng	# 97
24) Nitrobenzene	7.457	77	416268	41.248	ng	100
25) Isophorone	7.692	82	692448	40.309	ng	100
26) 2-Nitrophenol	7.775	139	193085	43.115	ng	99
27) 2,4-Dimethylphenol	7.810	122	225440	39.320	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	426209	40.462	ng	99
29) 2,4-Dichlorophenol	8.022	162	300826	42.455	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	328809	41.680	ng	98
31) Naphthalene	8.181	128	1050557	41.007	ng	100
32) Benzoic acid	7.939	122	217259	43.064	ng	96
33) 4-Chloroaniline	8.233	127	234173	26.284	ng	99
34) Hexachlorobutadiene	8.292	225	210080	41.796	ng	99
35) Caprolactam	8.598	113	97298	41.314	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	323958	41.256	ng	99
37) 2-Methylnaphthalene	8.869	142	664450	40.448	ng	100
38) 1-Methylnaphthalene	8.969	142	646666	40.200	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	322871	41.475	ng	100
41) Hexachlorocyclopentadiene	9.016	237	74235	37.140	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	213835	41.856	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140499.D
 Acq On : 20 Nov 2024 14:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 20 15:17:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

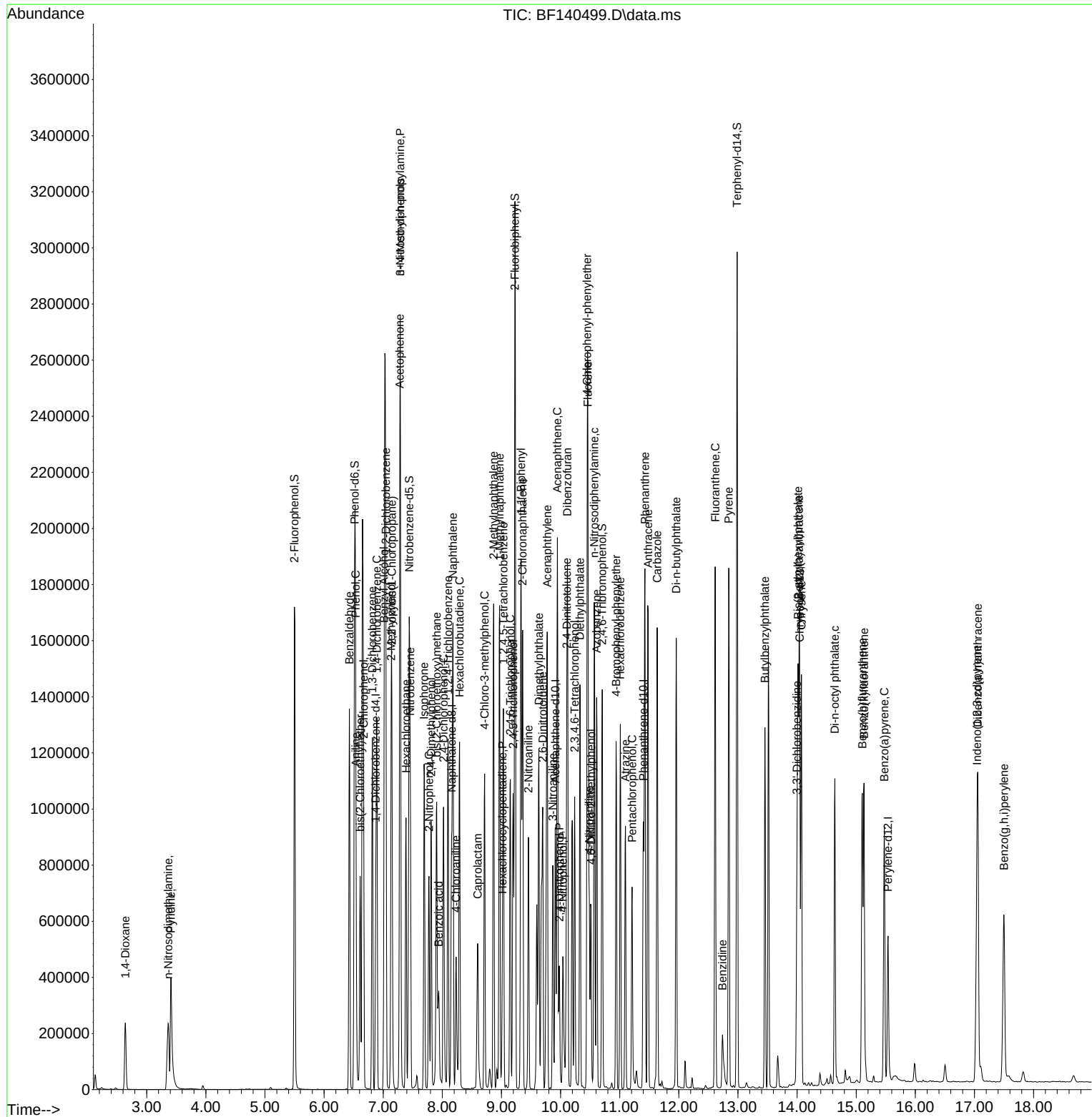
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	234576	41.996	ng	97
46) 1,1'-Biphenyl	9.333	154	827252	40.393	ng	99
47) 2-Chloronaphthalene	9.357	162	633955	40.636	ng	99
48) 2-Nitroaniline	9.457	65	209767	40.543	ng	99
49) Acenaphthylene	9.775	152	965593	40.908	ng	99
50) Dimethylphthalate	9.633	163	747490	40.737	ng	100
51) 2,6-Dinitrotoluene	9.698	165	173433	41.459	ng	98
52) Acenaphthene	9.945	154	665249	41.728	ng	100
53) 3-Nitroaniline	9.869	138	174429	39.705	ng	98
54) 2,4-Dinitrophenol	9.980	184	95639	44.335	ng	97
55) Dibenzofuran	10.116	168	922615	40.880	ng	100
56) 4-Nitrophenol	10.039	139	120846	37.712	ng	98
57) 2,4-Dinitrotoluene	10.104	165	232114	42.160	ng	99
58) Fluorene	10.463	166	723765	40.595	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	182383	41.353	ng	99
60) Diethylphthalate	10.327	149	753283	40.147	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	358252	40.701	ng	99
62) 4-Nitroaniline	10.486	138	174915	38.940	ng	98
63) Azobenzene	10.610	77	727819	39.259	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	129251	46.673	ng	92
66) n-Nitrosodiphenylamine	10.569	169	614645	41.330	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	215812	41.945	ng	98
68) Hexachlorobenzene	11.010	284	242082	41.818	ng	99
69) Atrazine	11.098	200	158743	35.281	ng	100
70) Pentachlorophenol	11.210	266	122415	39.256	ng	99
71) Phenanthrene	11.427	178	988286	40.874	ng	100
72) Anthracene	11.480	178	972834	41.053	ng	99
73) Carbazole	11.633	167	955103	40.819	ng	100
74) Di-n-butylphthalate	11.957	149	1140587	40.615	ng	100
75) Fluoranthene	12.616	202	1081347	39.863	ng	99
77) Benzidine	12.739	184	167843	15.251	ng	99
78) Pyrene	12.845	202	1083741	44.185	ng	100
80) Butylbenzylphthalate	13.457	149	408841	43.392	ng	97
81) Benzo(a)anthracene	14.033	228	794220	42.144	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	214376	35.789	ng	100
83) Chrysene	14.074	228	689797	40.116	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	523748	41.645	ng	99
85) Di-n-octyl phthalate	14.639	149	726628	41.023	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	690766	41.450	ng	100
88) Benzo(b)fluoranthene	15.104	252	671623	38.057	ng	99
89) Benzo(k)fluoranthene	15.133	252	595643	41.316	ng	99
90) Benzo(a)pyrene	15.474	252	564020	41.155	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	573556	41.637	ng	100
92) Benzo(g,h,i)perylene	17.498	276	583216	41.413	ng	99

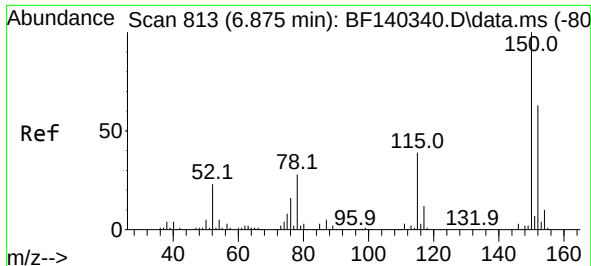
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140499.D
 Acq On : 20 Nov 2024 14:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 20 15:17:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

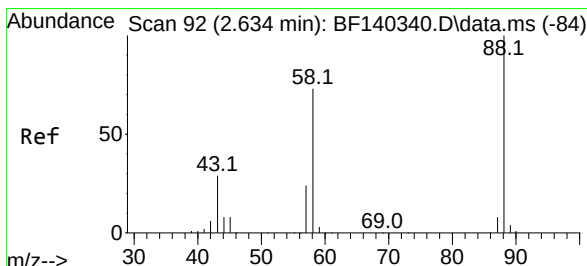
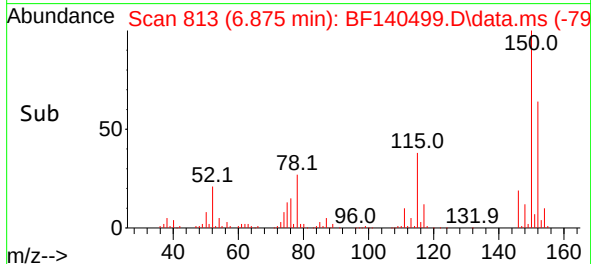
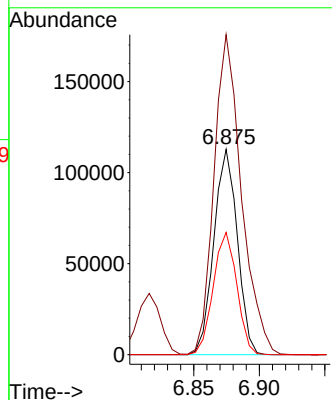
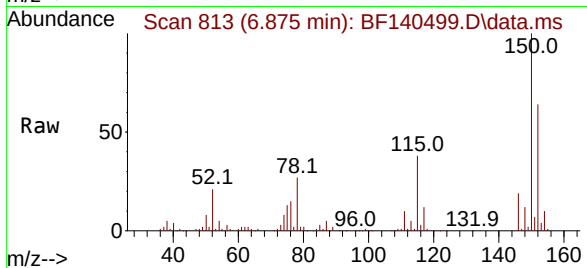




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140499.D
 Acq: 20 Nov 2024 14:34

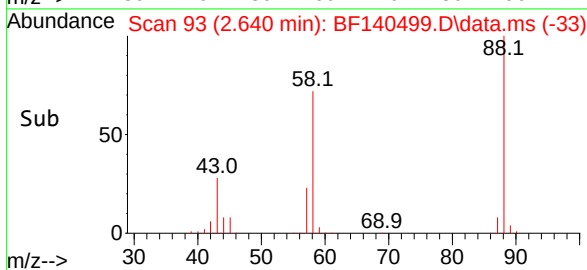
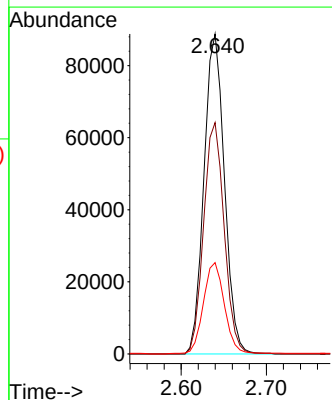
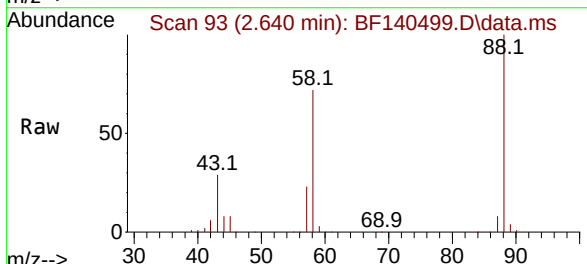
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

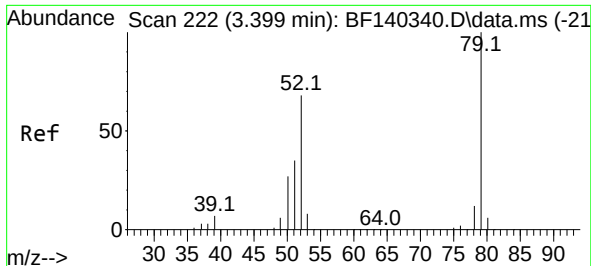
Tgt Ion:152 Resp: 140286
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.4 191.0
 115 59.5 47.4 71.2



#2
 1,4-Dioxane
 Concen: 40.439 ng
 RT: 2.640 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: BF140499.D
 Acq: 20 Nov 2024 14:34

Tgt Ion: 88 Resp: 148088
 Ion Ratio Lower Upper
 88 100
 58 72.7 59.5 89.3
 43 29.9 23.4 35.2

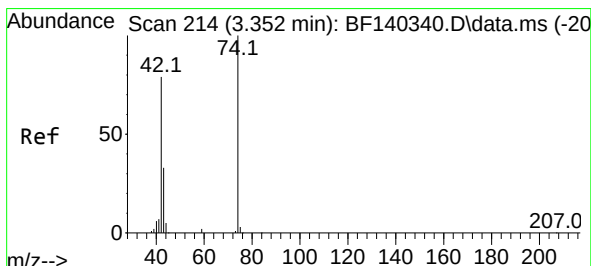
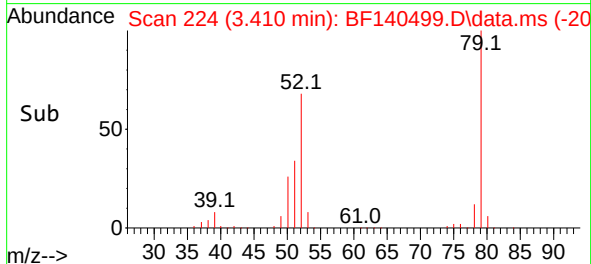
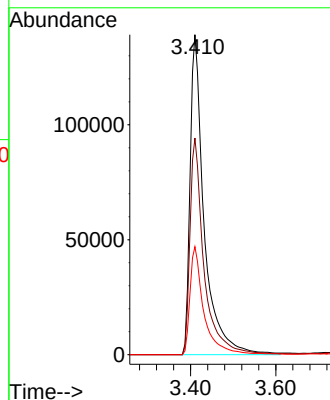
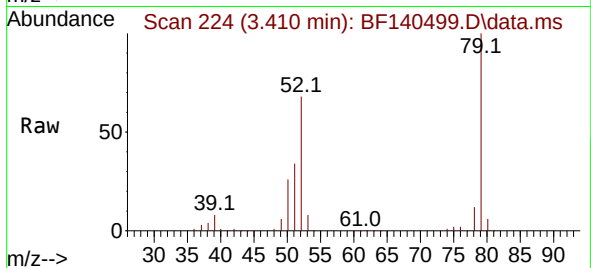




#3
Pyridine
Concen: 35.418 ng
RT: 3.410 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

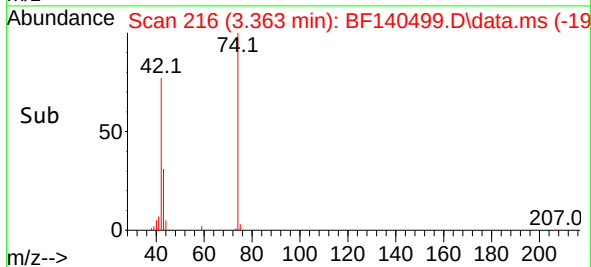
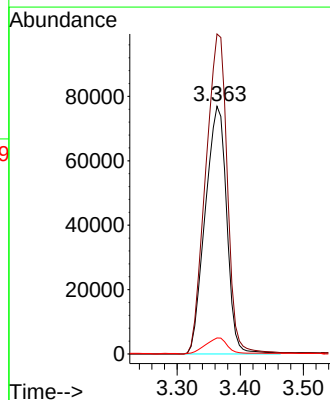
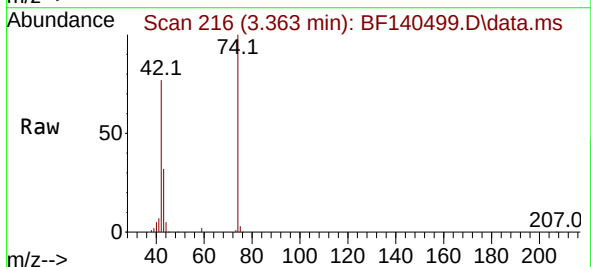
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

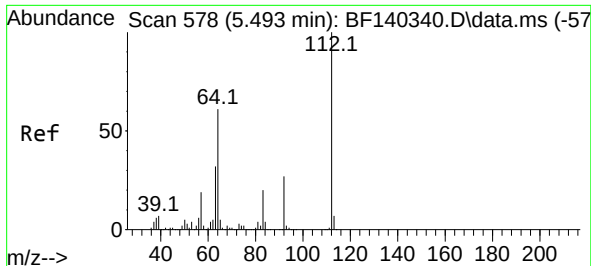
Tgt Ion: 79 Resp: 318859
Ion Ratio Lower Upper
79 100
52 67.7 53.8 80.6
51 33.8 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 40.069 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 42 Resp: 182316
Ion Ratio Lower Upper
42 100
74 129.2 103.5 155.3
44 6.5 5.1 7.7

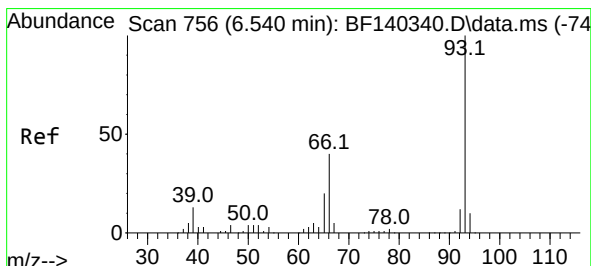
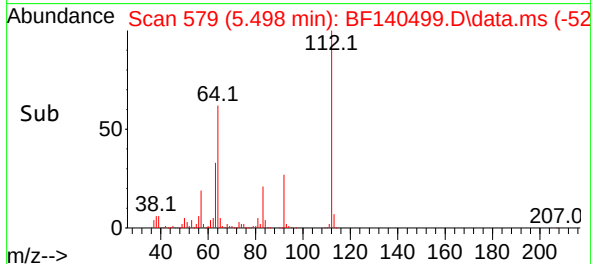
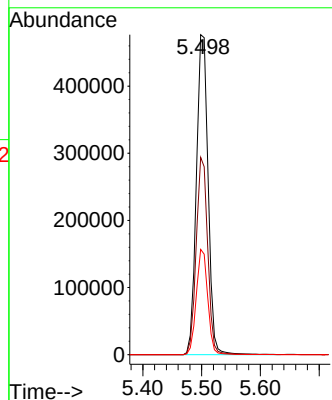
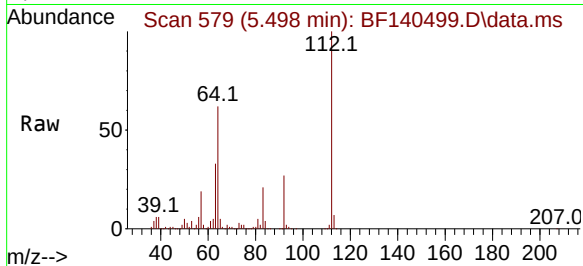




#5
2-Fluorophenol
Concen: 80.351 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

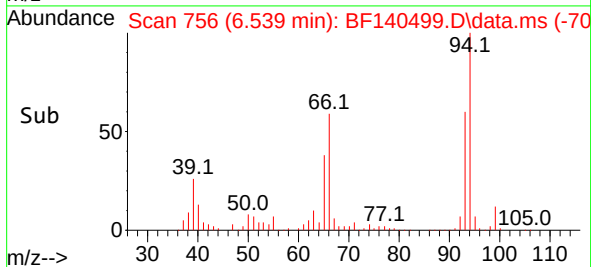
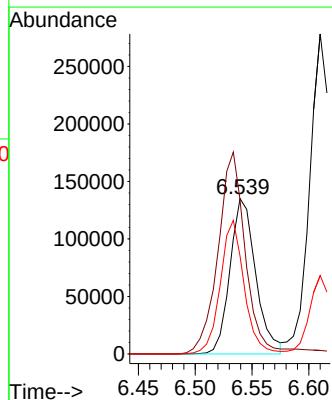
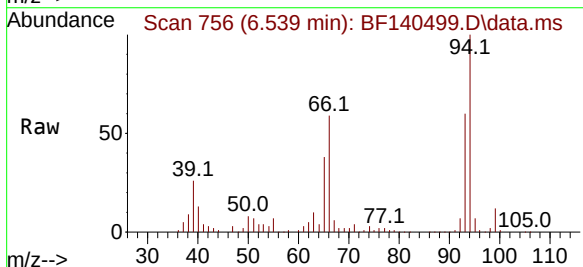
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

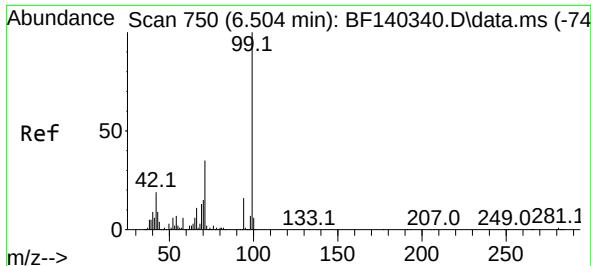
Tgt Ion:112 Resp: 660198
Ion Ratio Lower Upper
112 100
64 61.6 49.2 73.8
63 32.9 25.6 38.4



#6
Aniline
Concen: 22.031 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 93 Resp: 213341
Ion Ratio Lower Upper
93 100
66 99.1 32.8 49.2#
65 63.0 16.6 25.0#

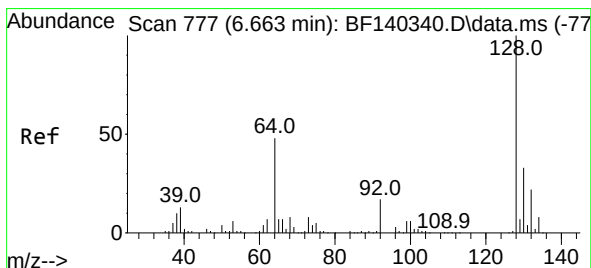
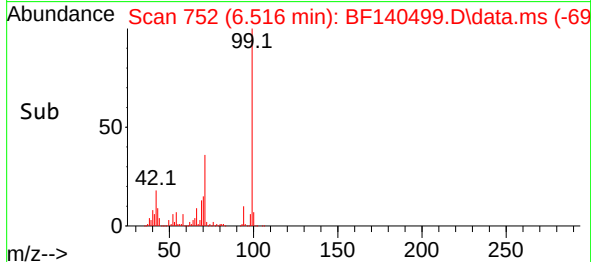
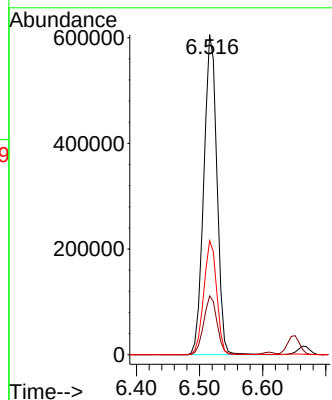
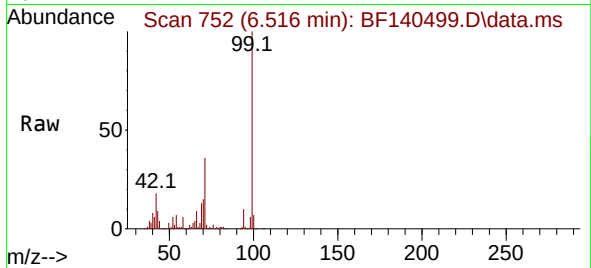




#7
Phenol-d6
Concen: 78.548 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

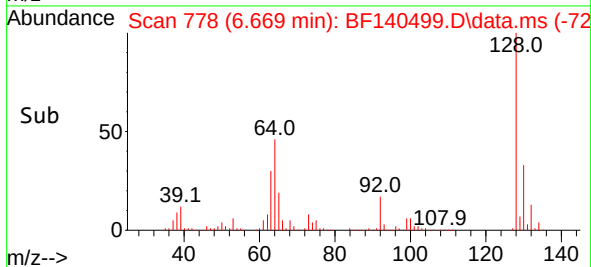
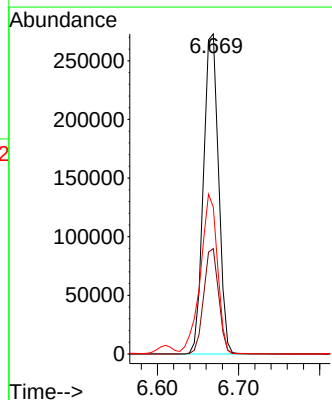
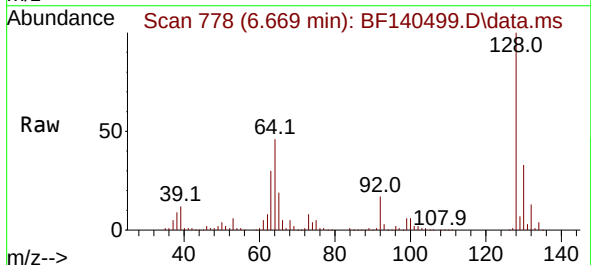
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

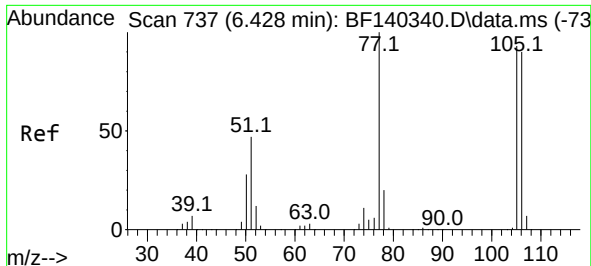
Tgt Ion: 99 Resp: 874391
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 35.6 27.9 41.9



#8
2-Chlorophenol
Concen: 39.891 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 128 Resp: 352081
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 45.9 30.2 70.2





#9

Benzaldehyde

Concen: 58.224 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

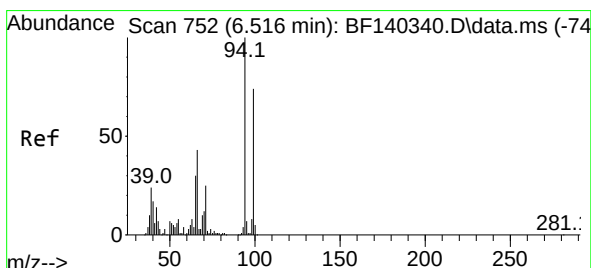
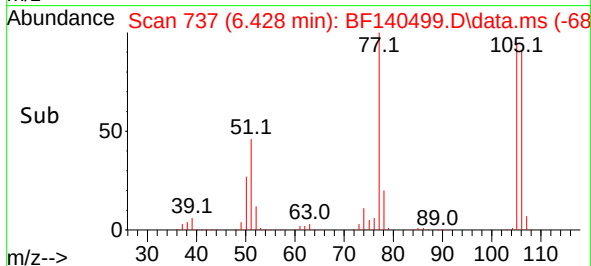
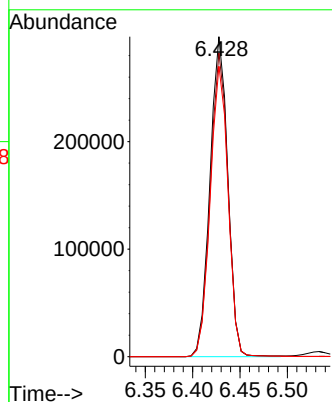
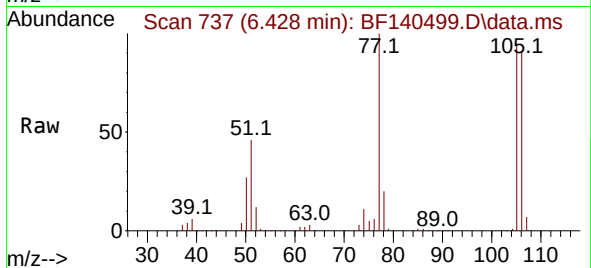
Tgt Ion: 77 Resp: 388456

Ion Ratio Lower Upper

77 100

105 94.9 74.4 114.4

106 90.7 69.9 109.9



#10

Phenol

Concen: 38.261 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

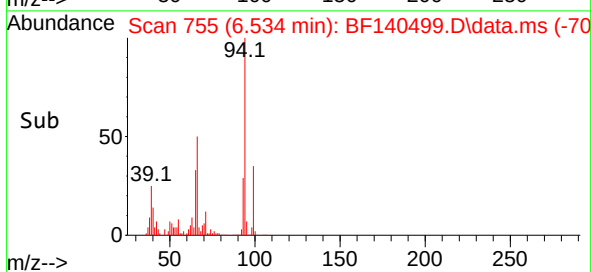
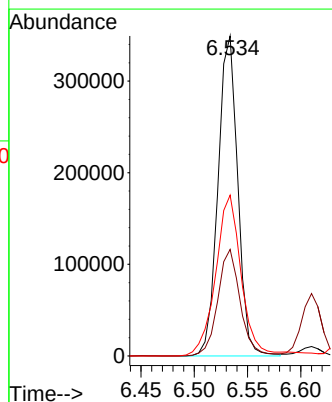
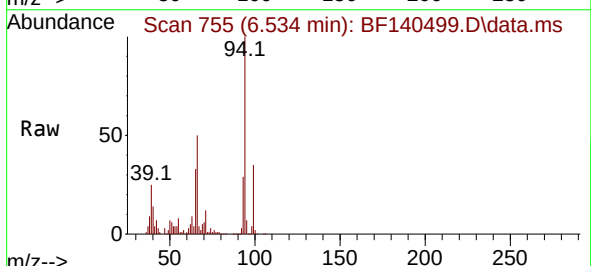
Tgt Ion: 94 Resp: 449166

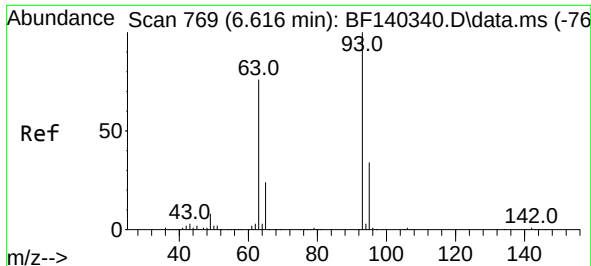
Ion Ratio Lower Upper

94 100

65 33.3 10.4 50.4

66 50.3 22.9 62.9

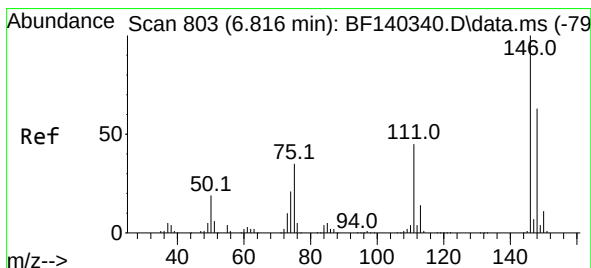
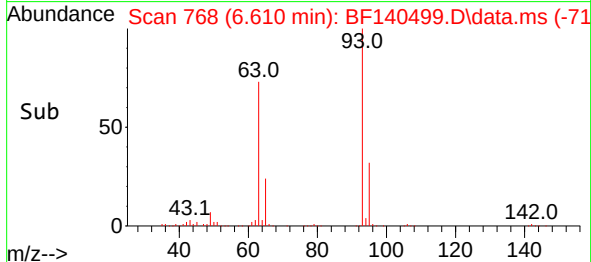
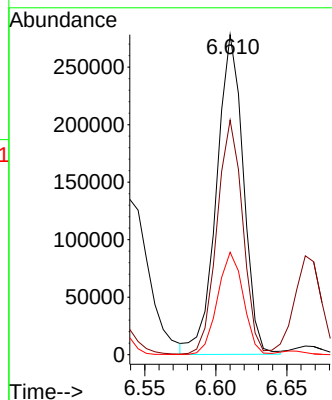
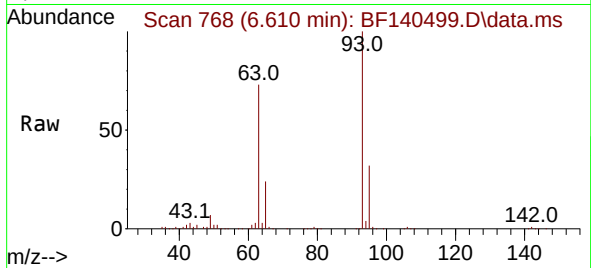




#11
bis(2-Chloroethyl)ether
Concen: 41.040 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

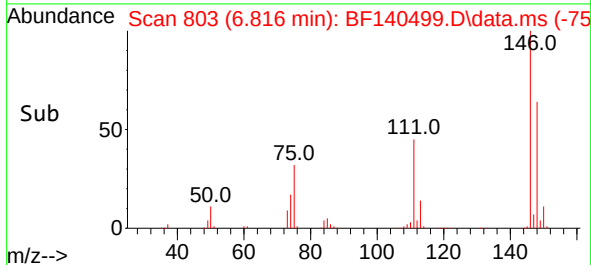
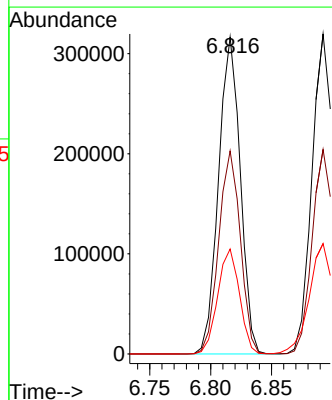
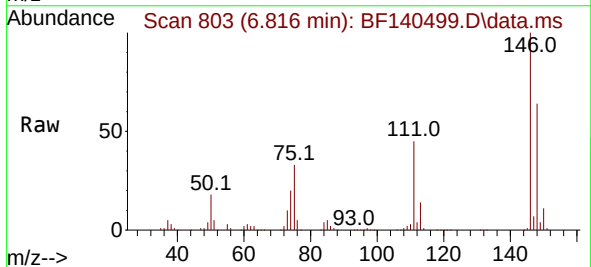
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

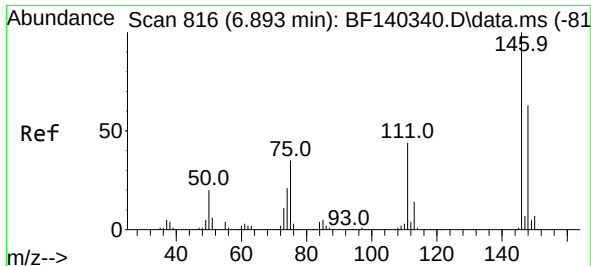
Tgt Ion: 93 Resp: 365051
Ion Ratio Lower Upper
93 100
63 73.3 54.0 94.0
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.447 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 146 Resp: 393877
Ion Ratio Lower Upper
146 100
148 64.0 50.7 76.1
75 33.1 26.4 39.6

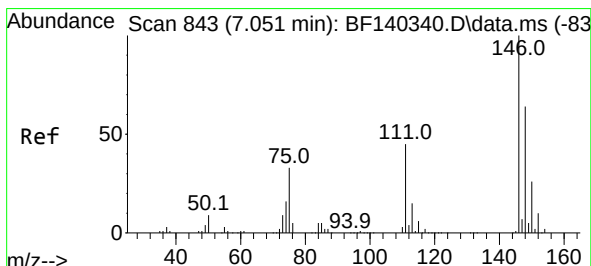
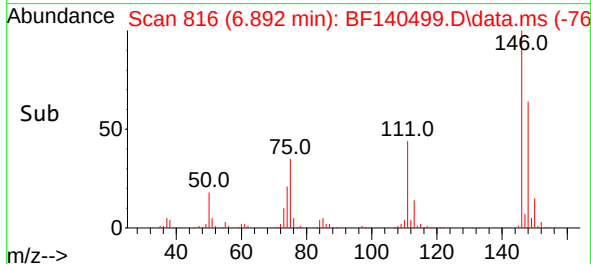
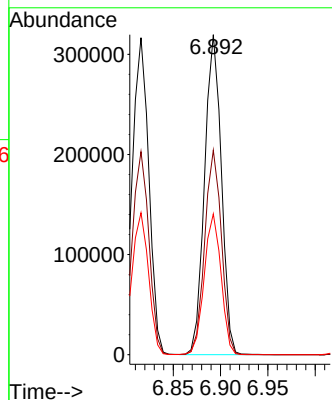
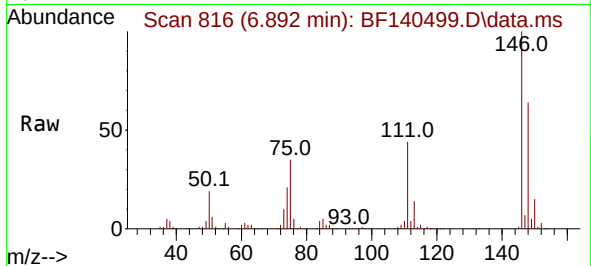




#13
1,4-Dichlorobenzene
Concen: 39.987 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

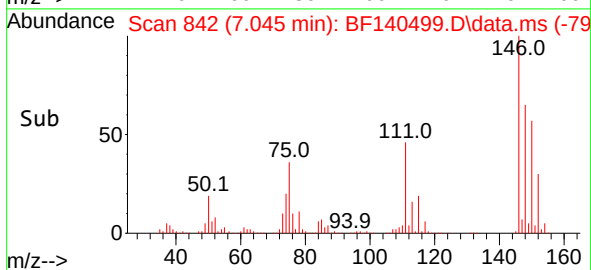
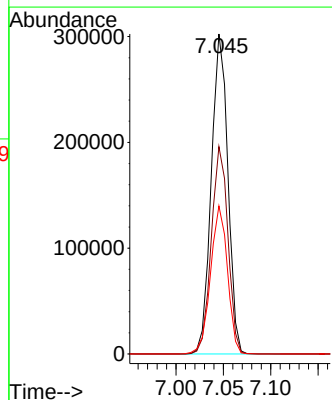
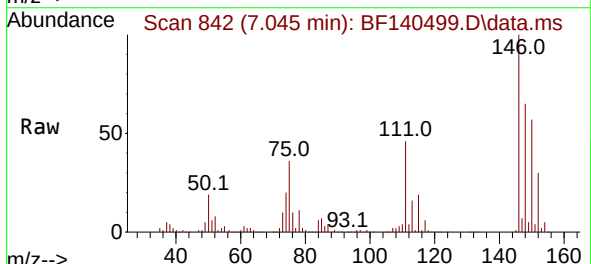
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

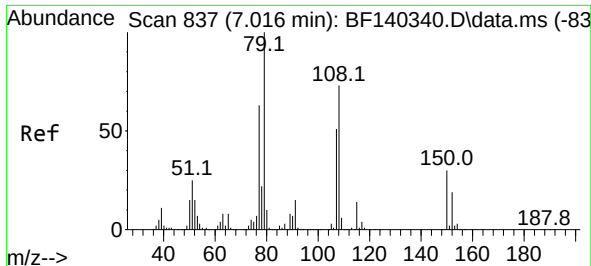
Tgt Ion:146 Resp: 394841
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 44.0 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 40.182 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:146 Resp: 368337
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
111 46.3 36.5 54.7

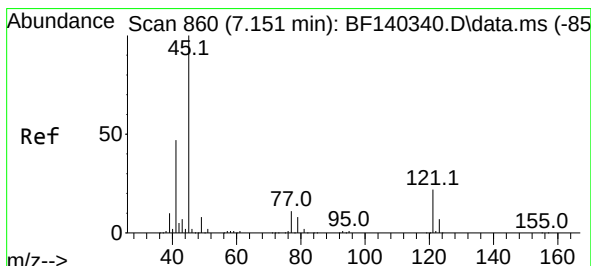
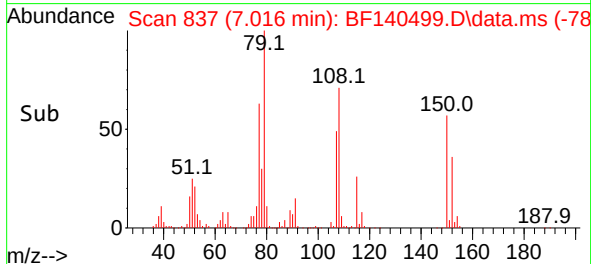
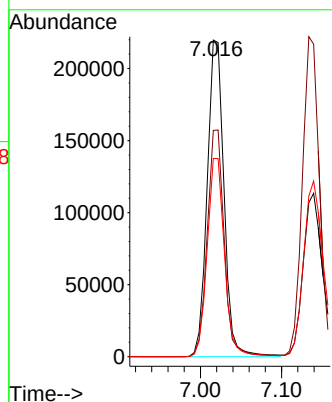
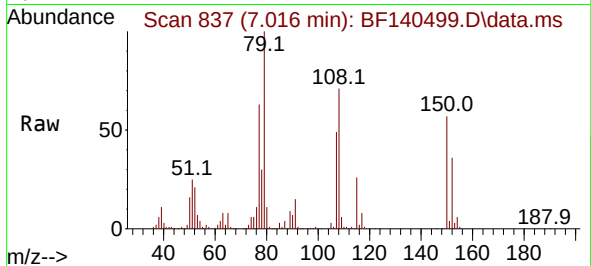




#15
Benzyl Alcohol
Concen: 39.342 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

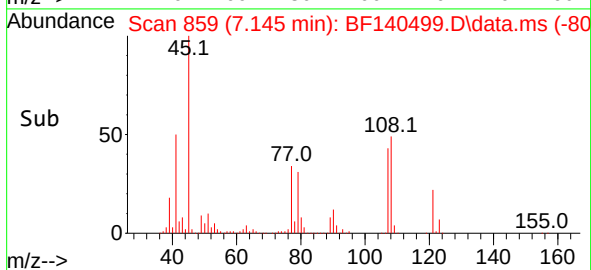
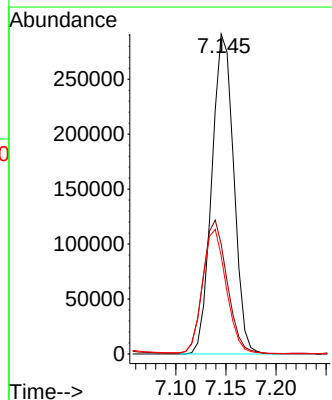
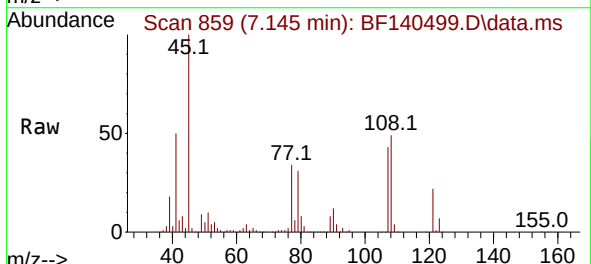
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

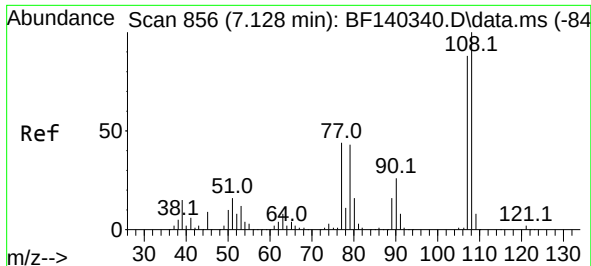
Tgt Ion: 79 Resp: 315533
Ion Ratio Lower Upper
79 100
108 71.4 57.8 86.6
77 62.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.991 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 45 Resp: 442205
Ion Ratio Lower Upper
45 100
77 34.4 0.0 34.8
79 30.7 0.0 31.4

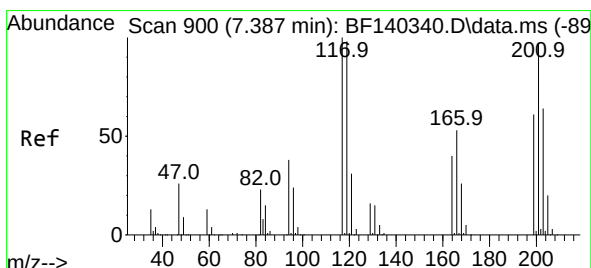
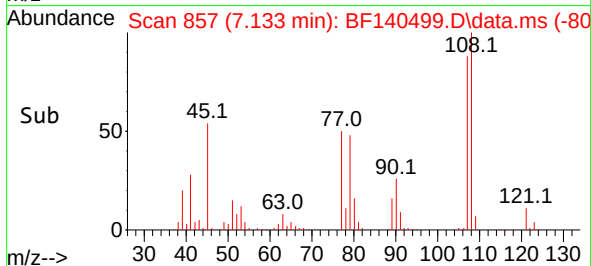
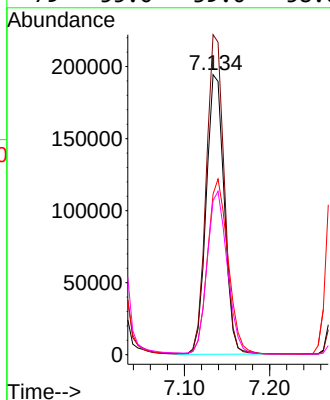
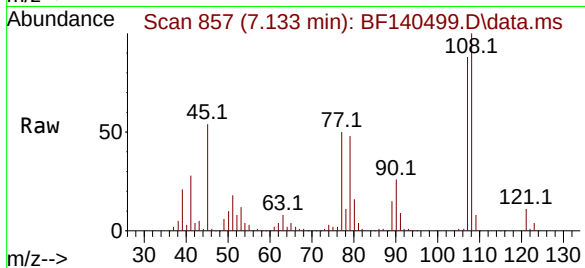




#17
2-Methylphenol
Concen: 39.222 ng
RT: 7.133 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

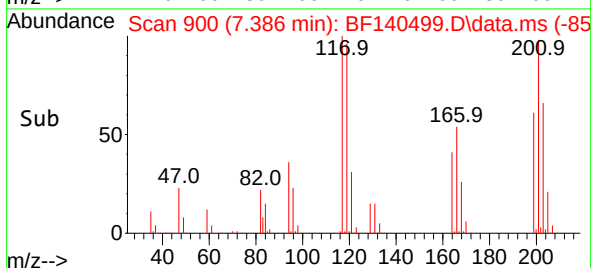
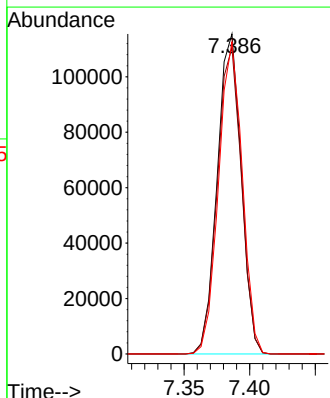
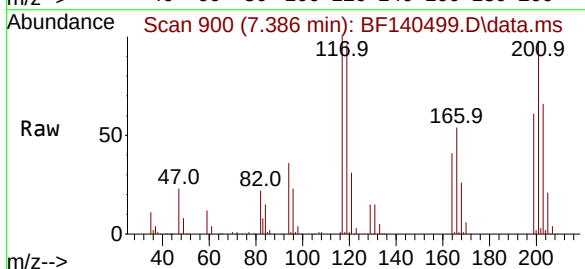
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

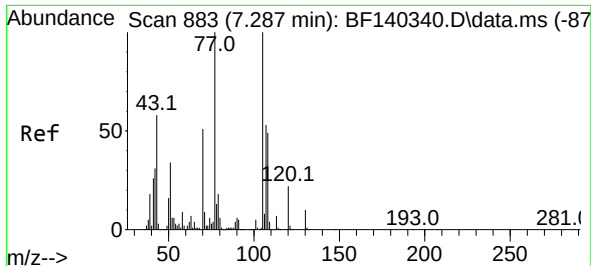
Tgt Ion:	107	Resp:	284771
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.9	137.9
77	57.3	39.7	59.5
79	55.0	39.0	58.6



#18
Hexachloroethane
Concen: 40.214 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:	117	Resp:	146798
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	97.6	80.2	120.4



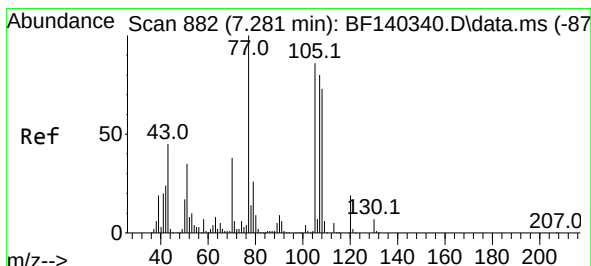
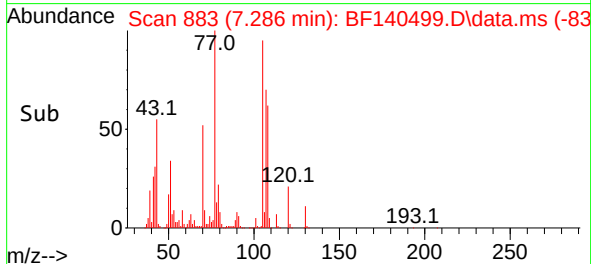
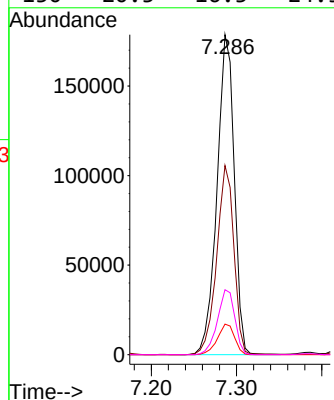
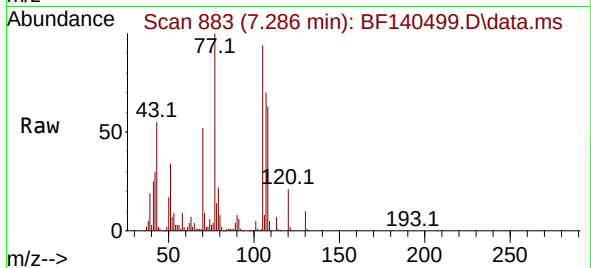


#19
n-Nitroso-di-n-propylamine
Concen: 37.427 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 251629

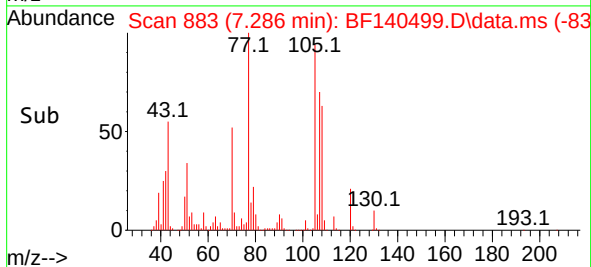
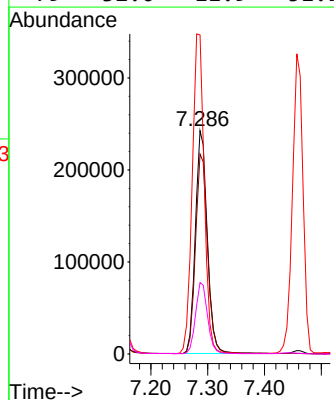
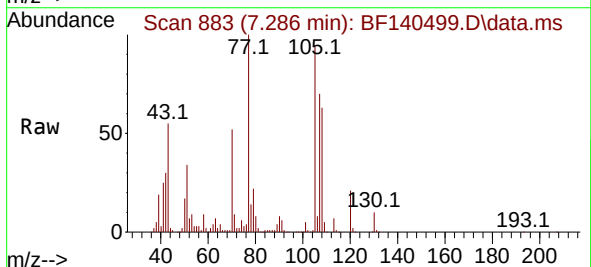
Ion	Ratio	Lower	Upper
70	100		
42	59.1	46.8	70.2
101	9.5	7.5	11.3
130	20.3	16.3	24.5

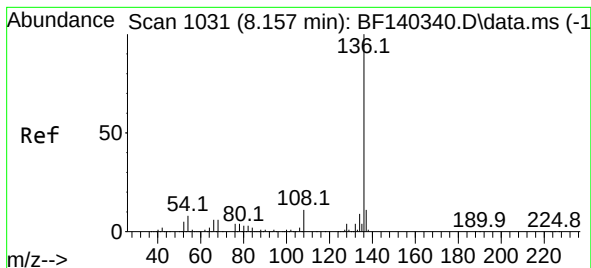


#20
3+4-Methylphenols
Concen: 39.096 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 107 Resp: 354993

Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	142.9	97.0	137.0#
79	32.0	11.9	51.9



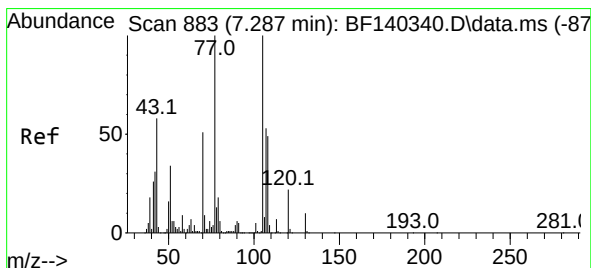
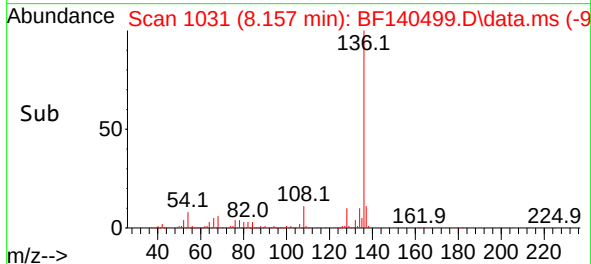
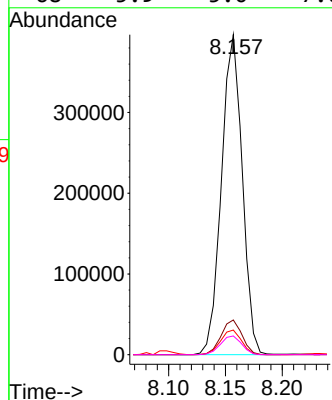
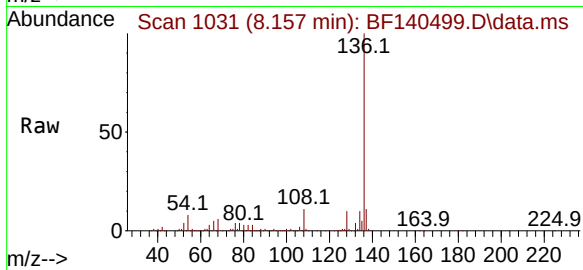


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 505022

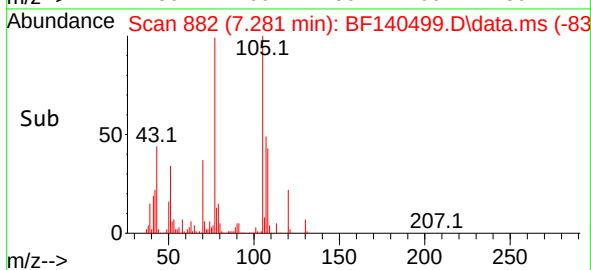
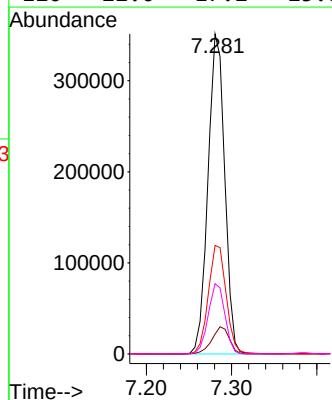
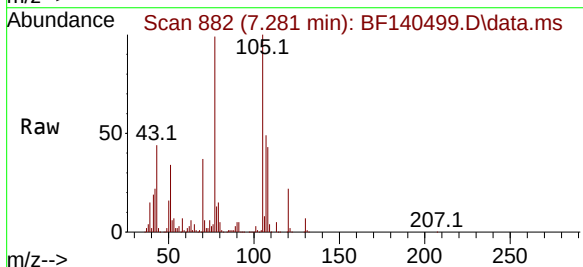
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.5	9.7
68	5.9	5.0	7.6

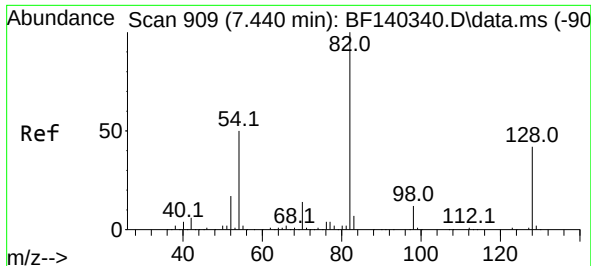


#22
Acetophenone
Concen: 40.818 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:105 Resp: 479439

Ion	Ratio	Lower	Upper
105	100		
71	6.2	6.9	10.3#
51	33.9	28.6	43.0
120	22.0	17.2	25.8

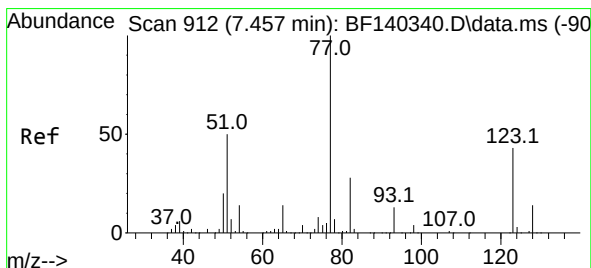
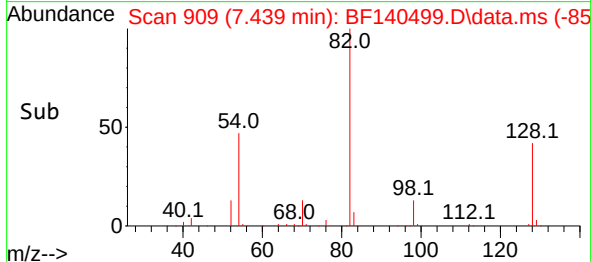
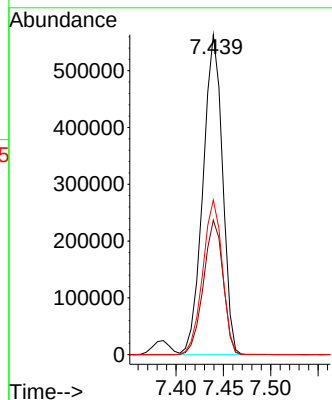
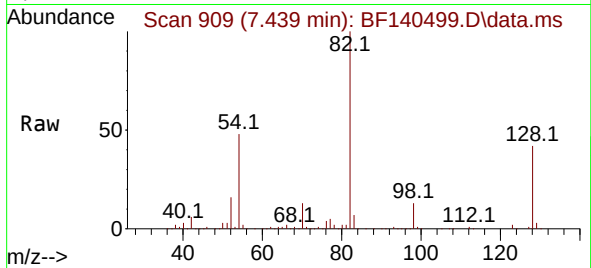




#23
Nitrobenzene-d5
Concen: 83.256 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

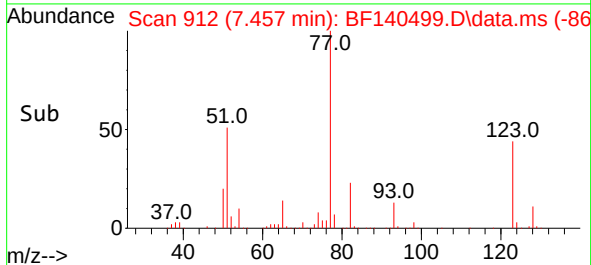
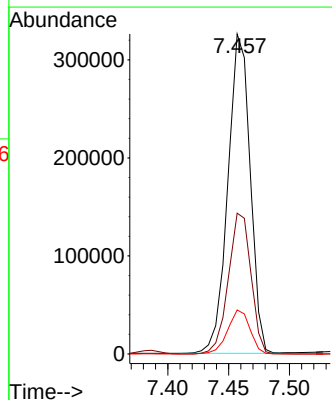
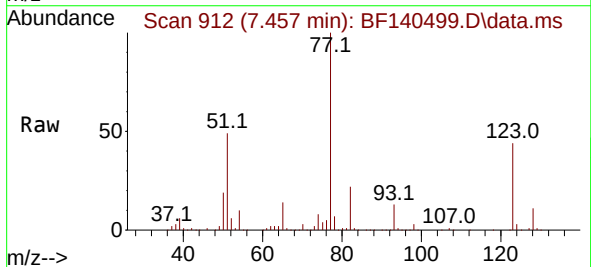
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

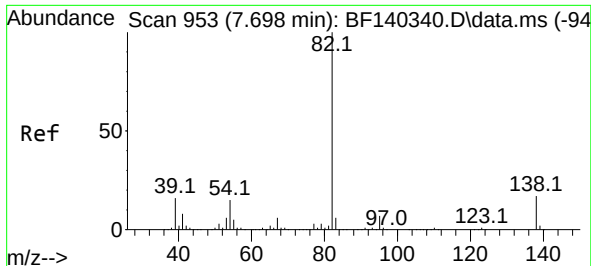
Tgt Ion: 82 Resp: 806985
Ion Ratio Lower Upper
82 100
128 42.0 33.3 49.9
54 48.4 39.8 59.8



#24
Nitrobenzene
Concen: 41.248 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 77 Resp: 416268
Ion Ratio Lower Upper
77 100
123 44.0 35.4 53.0
65 13.8 11.1 16.7

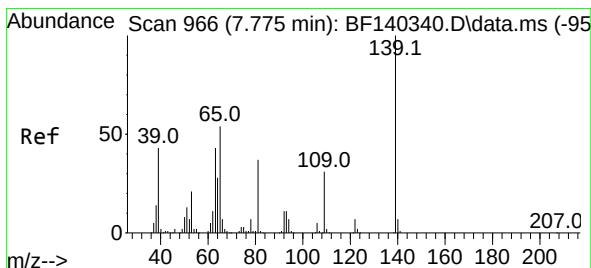
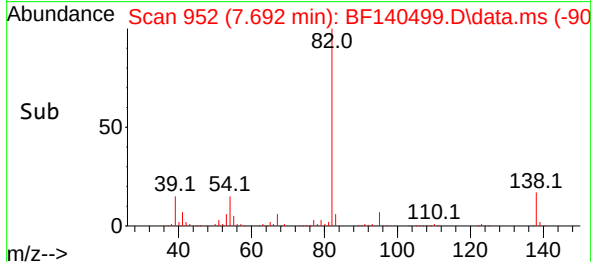
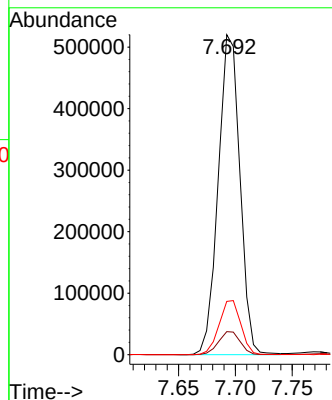
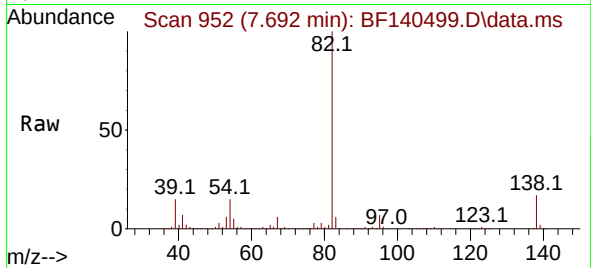




#25
Isophorone
Concen: 40.309 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

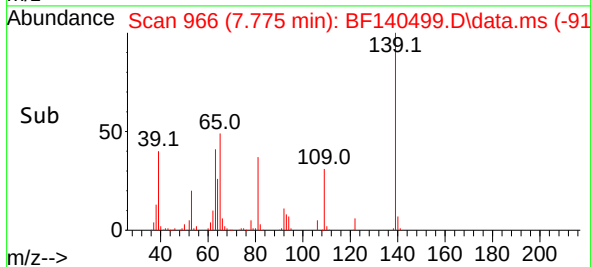
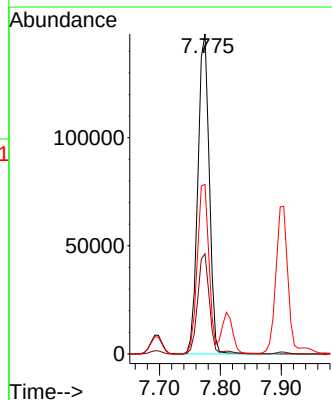
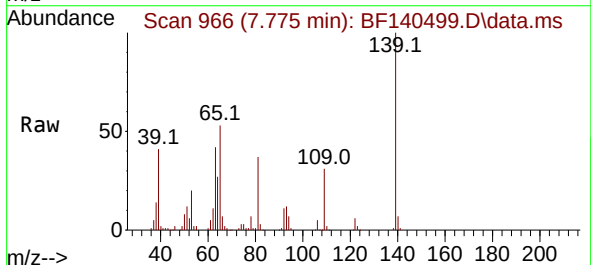
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

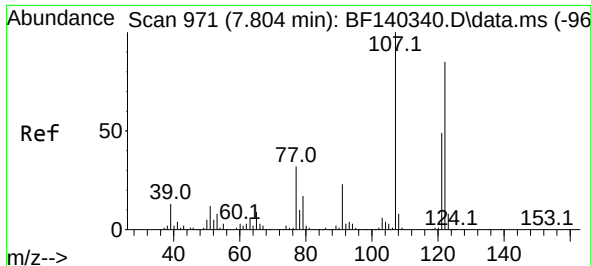
Tgt Ion: 82 Resp: 692448
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 43.115 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:139 Resp: 193085
Ion Ratio Lower Upper
139 100
109 31.3 24.4 36.6
65 53.0 42.8 64.2

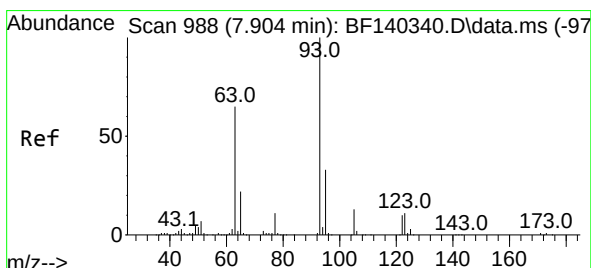
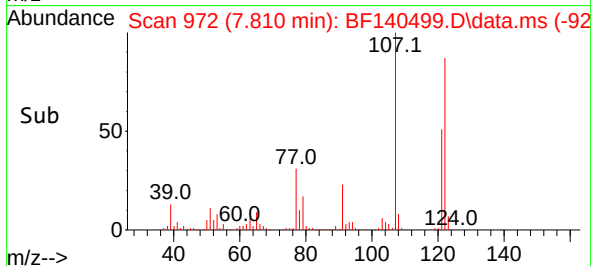
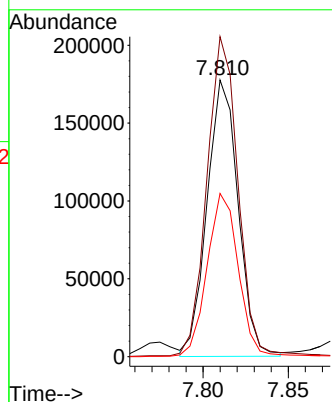
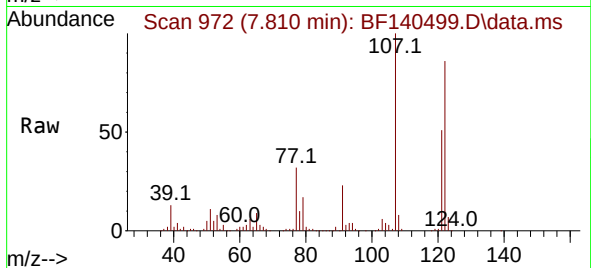




#27
2,4-Dimethylphenol
Concen: 39.320 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

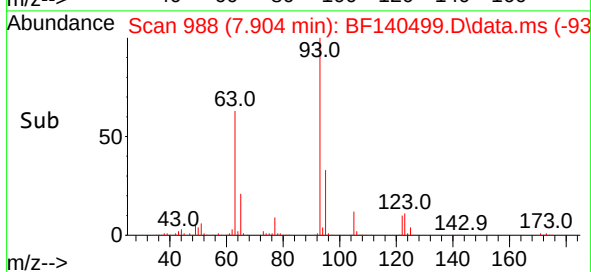
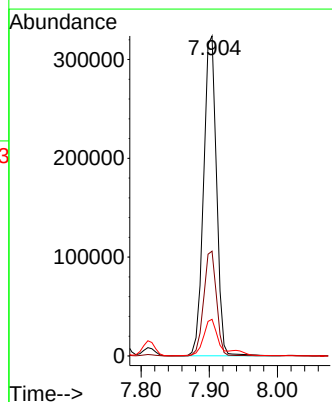
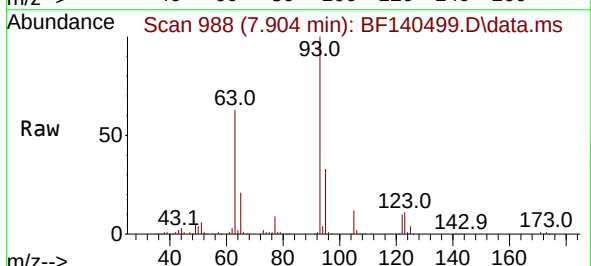
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

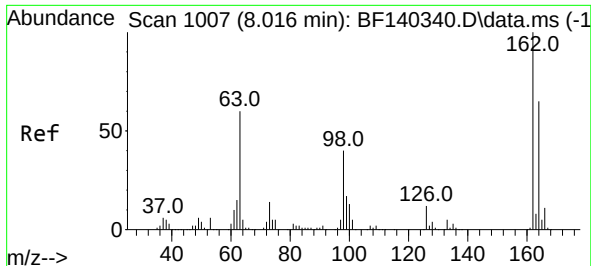
Tgt Ion:122 Resp: 225440
Ion Ratio Lower Upper
122 100
107 115.7 91.3 136.9
121 59.0 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.462 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 93 Resp: 426209
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.455 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140499.D

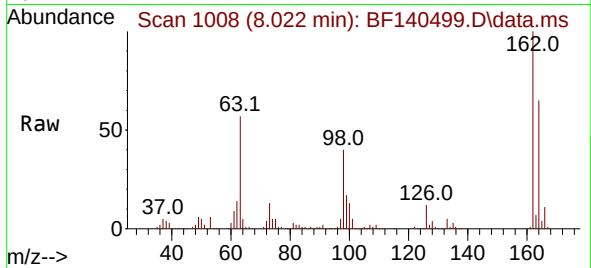
Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



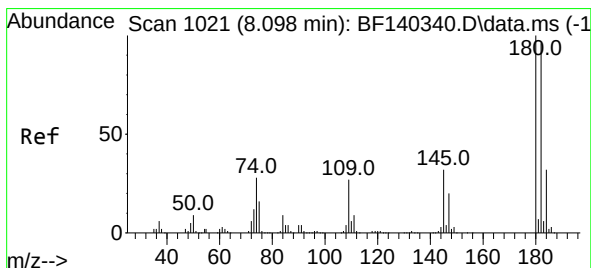
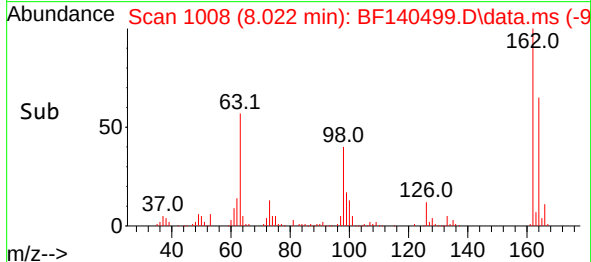
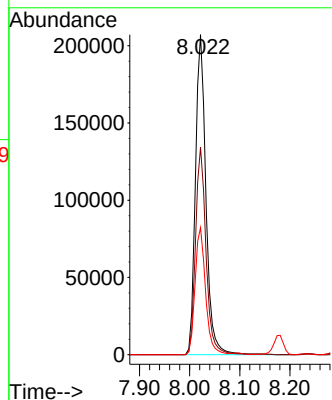
Tgt Ion:162 Resp: 300826

Ion Ratio Lower Upper

162 100

164 64.8 45.4 85.4

98 39.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.680 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

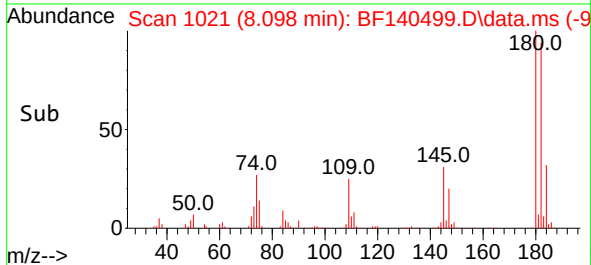
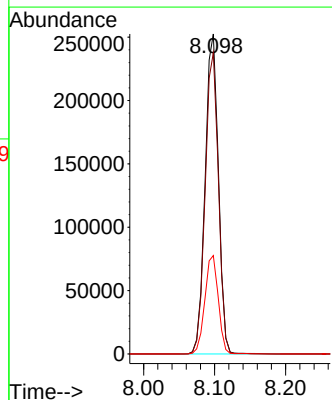
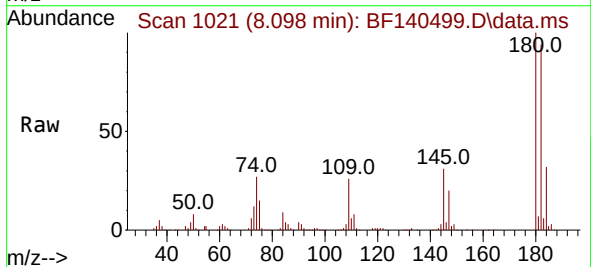
Tgt Ion:180 Resp: 328809

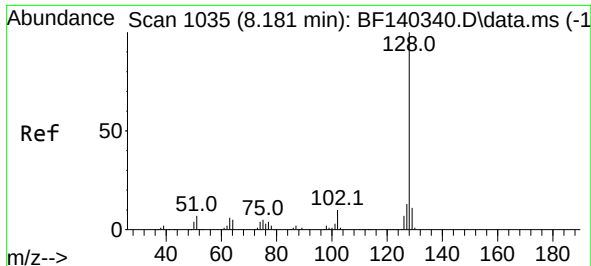
Ion Ratio Lower Upper

180 100

182 94.1 76.5 114.7

145 30.8 25.3 37.9

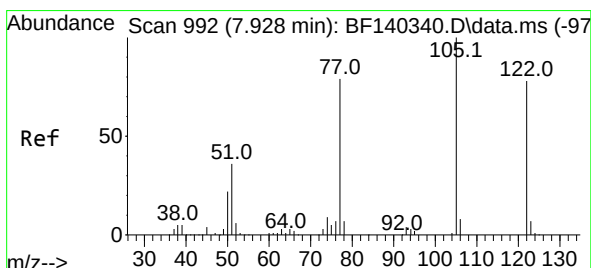
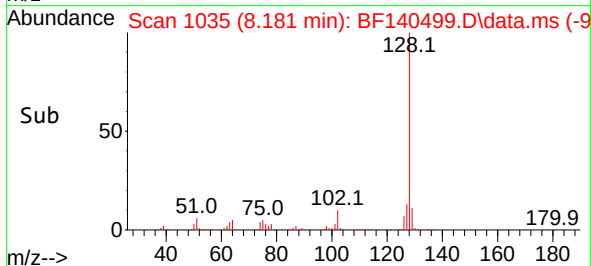
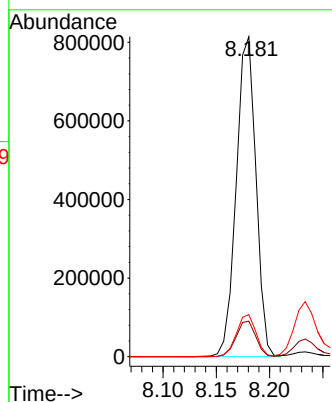
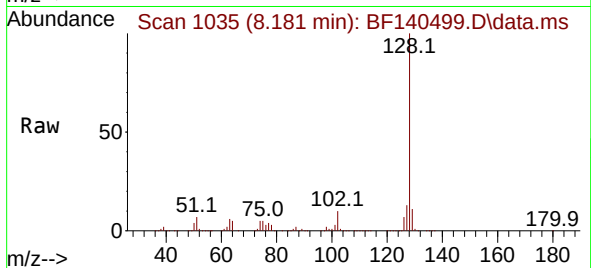




#31
Naphthalene
Concen: 41.007 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

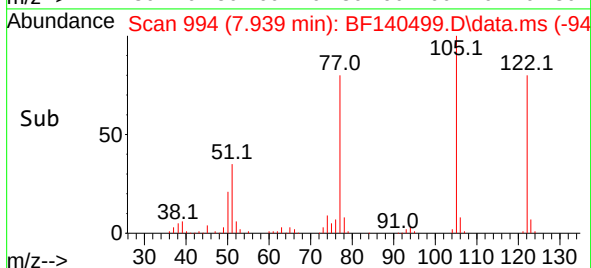
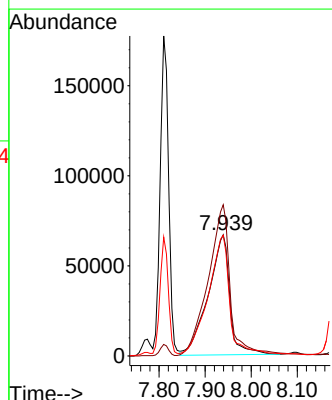
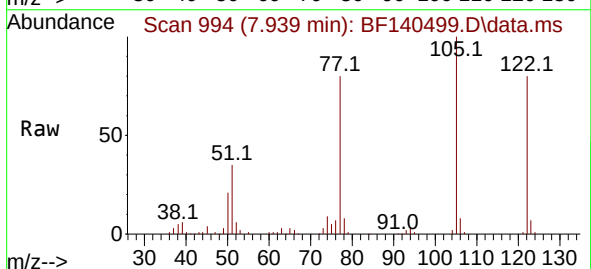
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

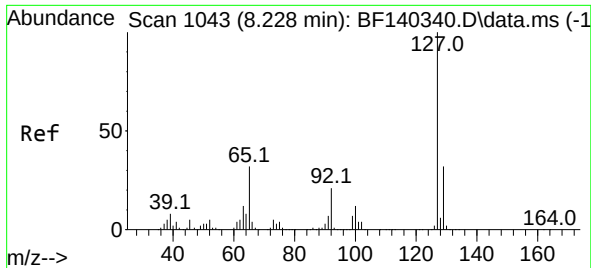
Tgt Ion:128 Resp: 1050557
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 43.064 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:122 Resp: 217259
Ion Ratio Lower Upper
122 100
105 124.9 100.9 140.9
77 99.8 76.0 116.0

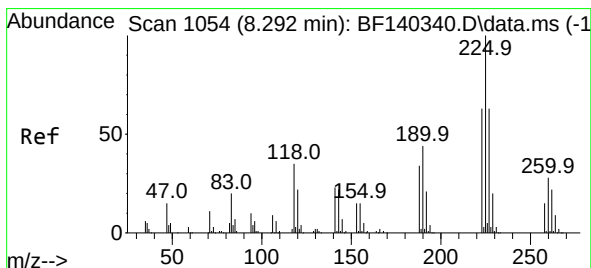
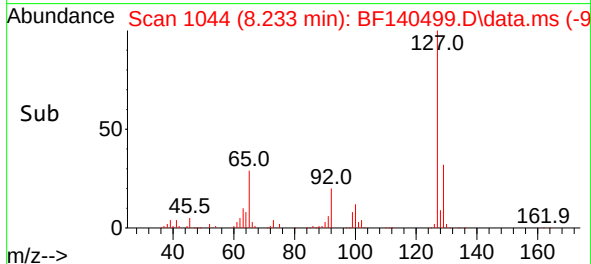
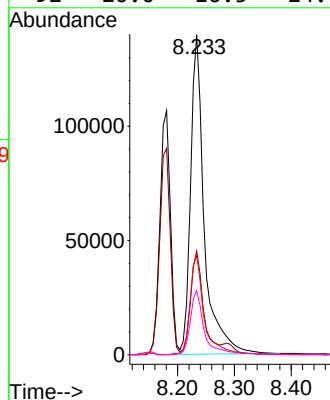
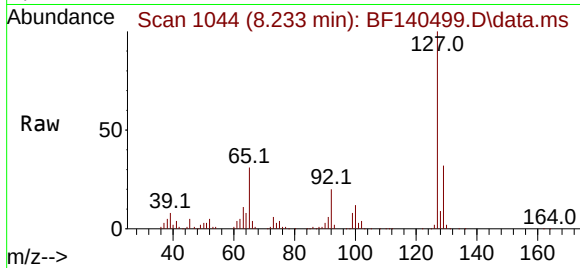




#33
4-Chloroaniline
Concen: 26.284 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

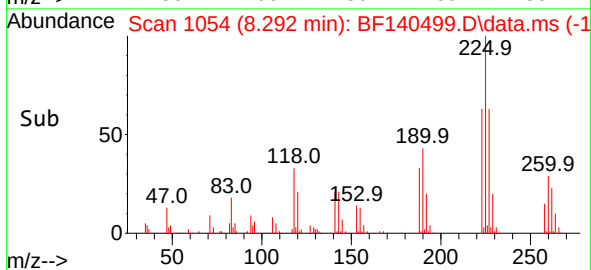
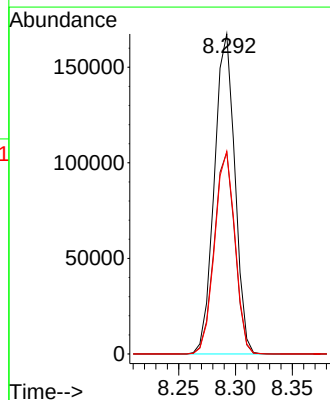
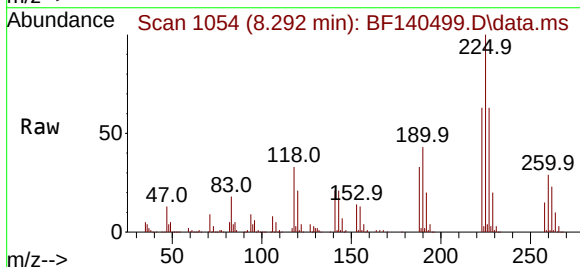
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

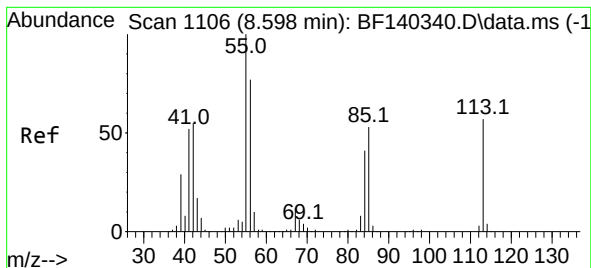
Tgt	Ion:127	Resp:	234173
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	31.1	25.8	38.6
92	20.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.796 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt	Ion:225	Resp:	210080
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	63.3	51.3	76.9





#35

Caprolactam

Concen: 41.314 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

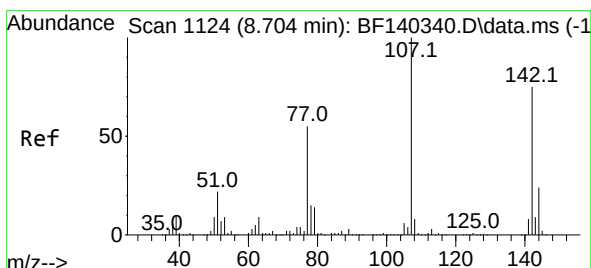
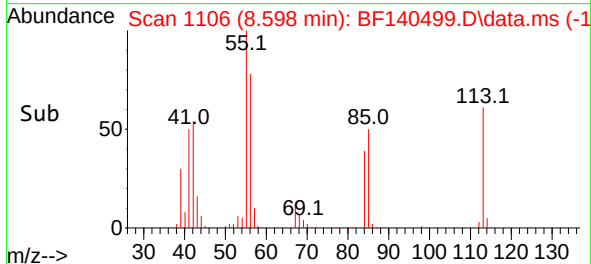
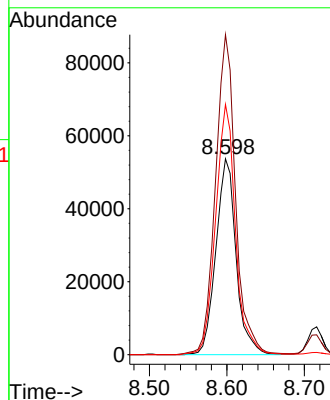
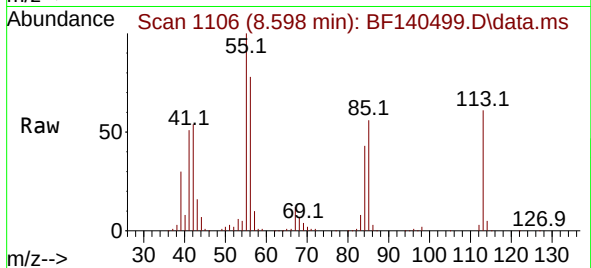
Tgt Ion:113 Resp: 97298

Ion Ratio Lower Upper

113 100

55 163.3 150.0 190.0

56 127.8 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 41.256 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

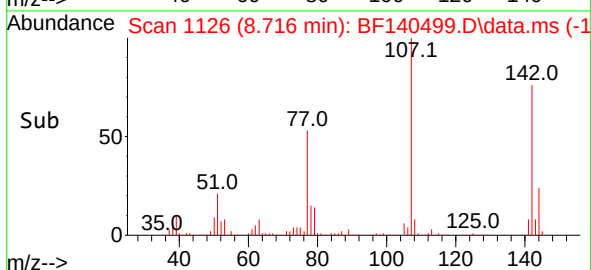
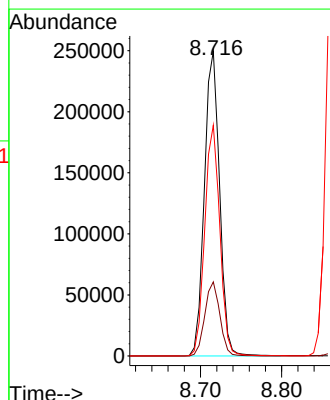
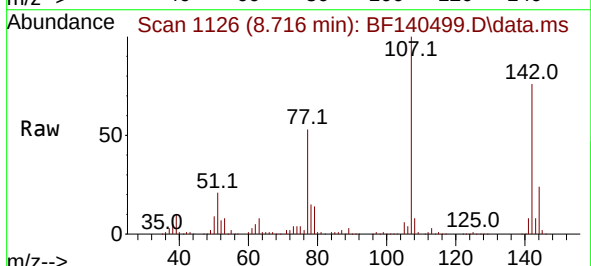
Tgt Ion:107 Resp: 323958

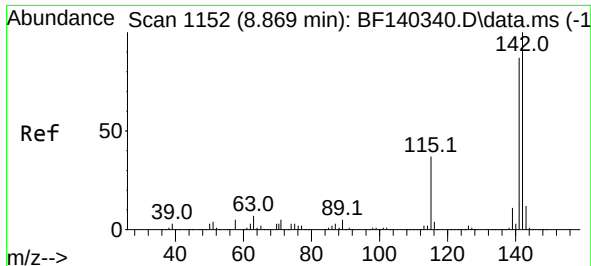
Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

142 75.7 59.4 89.0

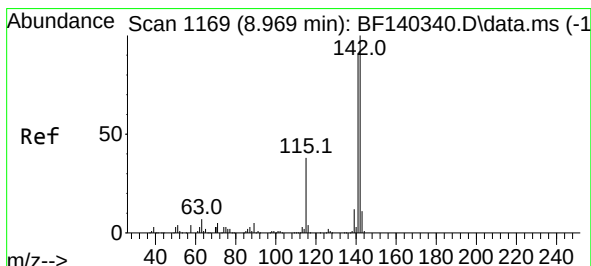
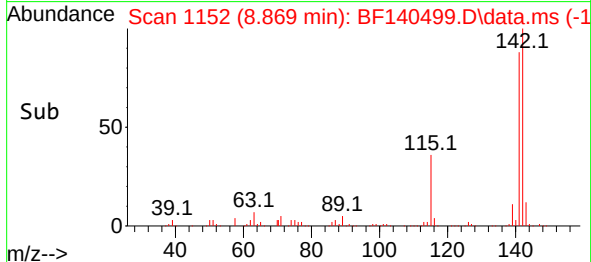
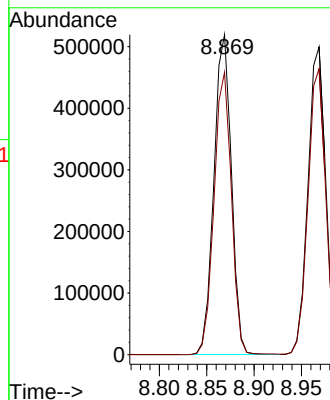
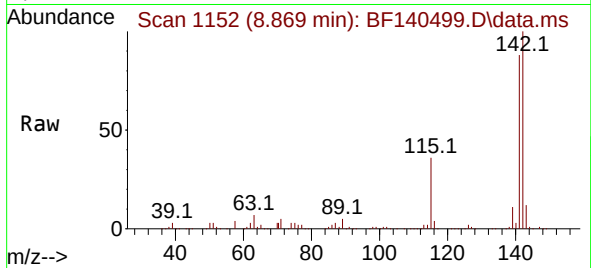




#37
2-Methylnaphthalene
Concen: 40.448 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

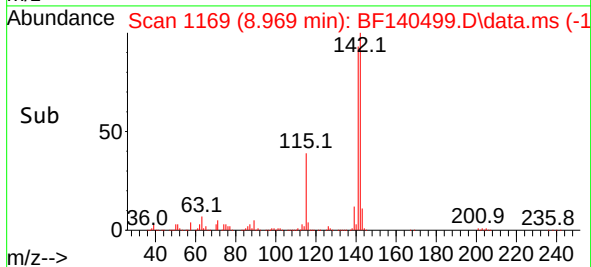
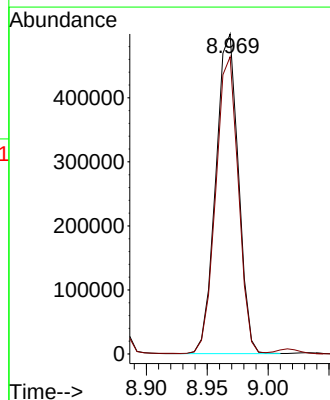
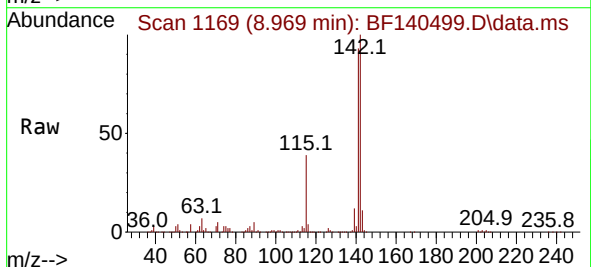
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

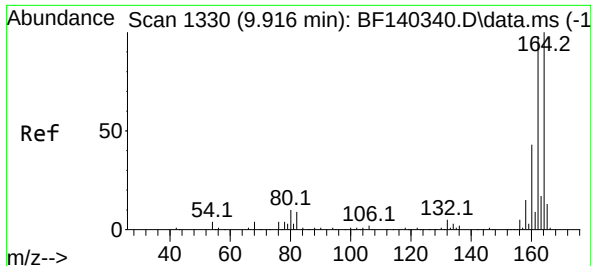
Tgt Ion:142 Resp: 664450
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6



#38
1-Methylnaphthalene
Concen: 40.200 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:142 Resp: 646666
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

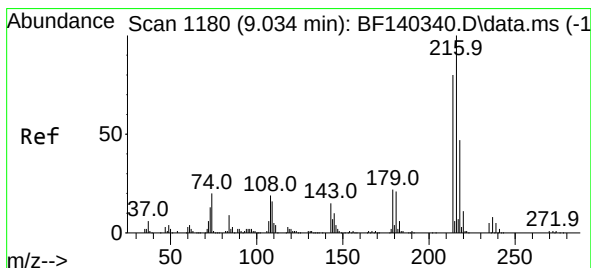
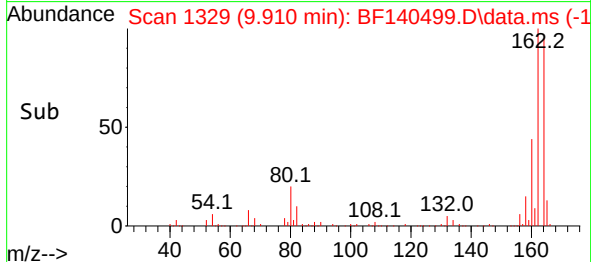
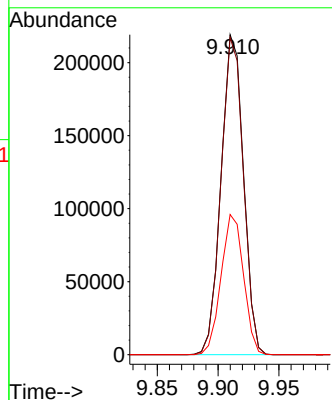
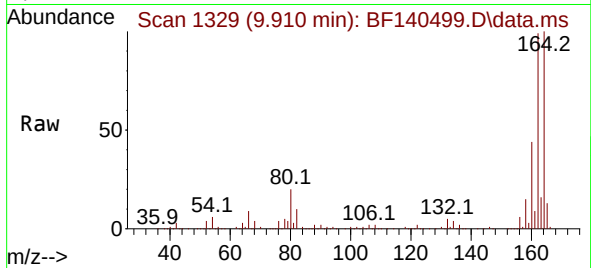
Tgt Ion:164 Resp: 281514

Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.8

160 43.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.475 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Tgt Ion:216 Resp: 322871

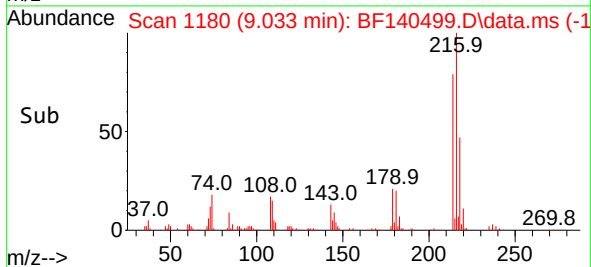
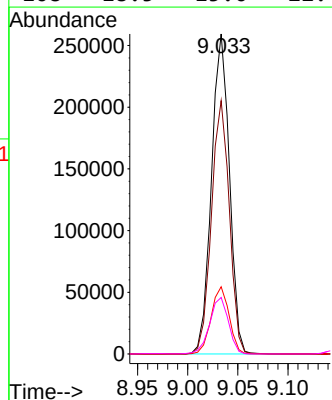
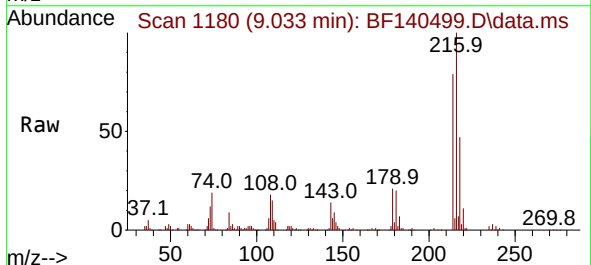
Ion Ratio Lower Upper

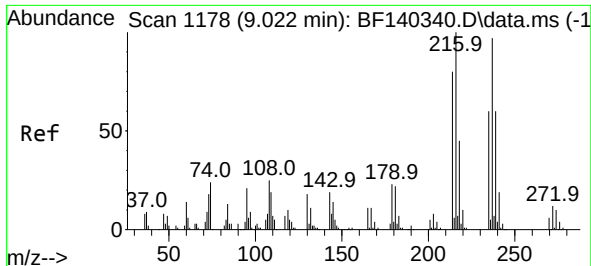
216 100

214 79.0 63.2 94.8

179 21.0 17.2 25.8

108 18.5 15.0 22.4

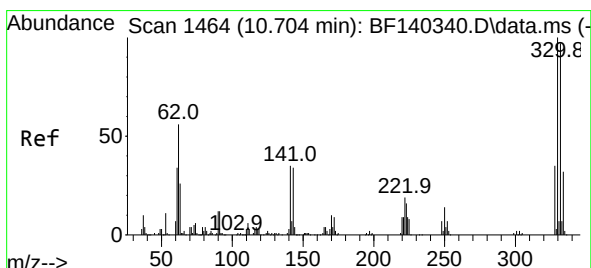
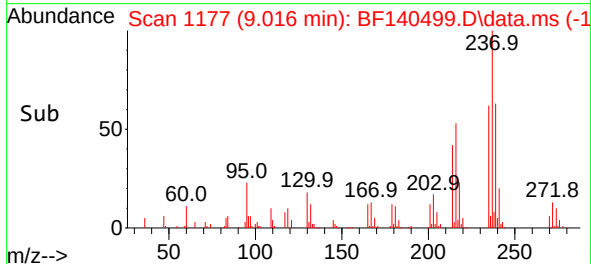
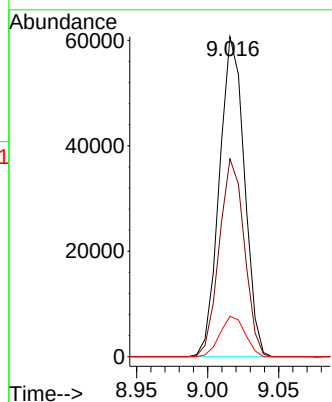
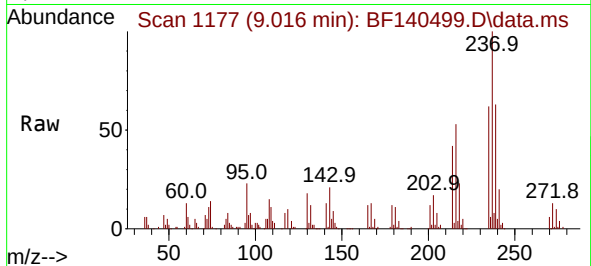




#41
Hexachlorocyclopentadiene
Concen: 37.140 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

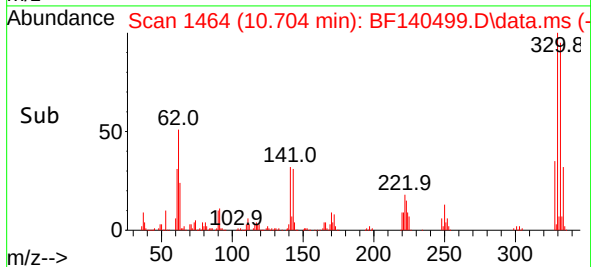
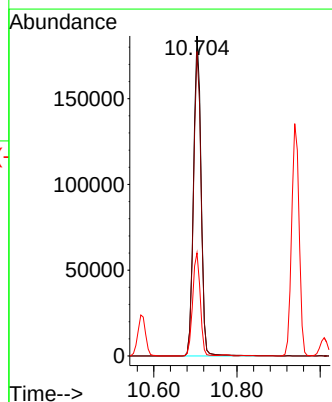
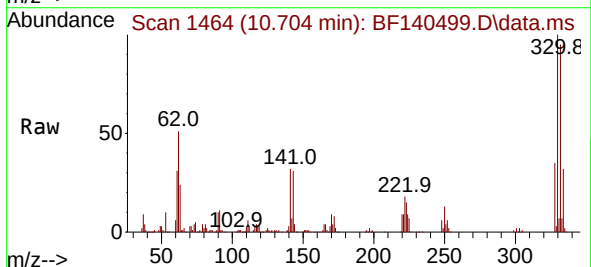
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

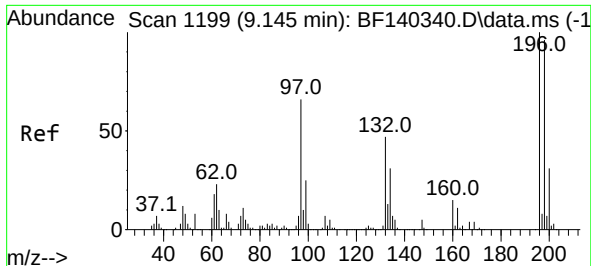
Tgt Ion:237 Resp: 74235
Ion Ratio Lower Upper
237 100
235 61.8 42.8 82.8
272 12.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 83.568 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:330 Resp: 233944
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 32.4 26.9 40.3

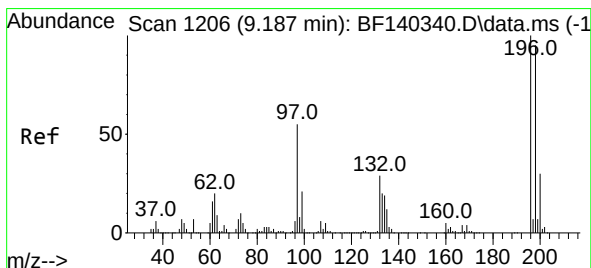
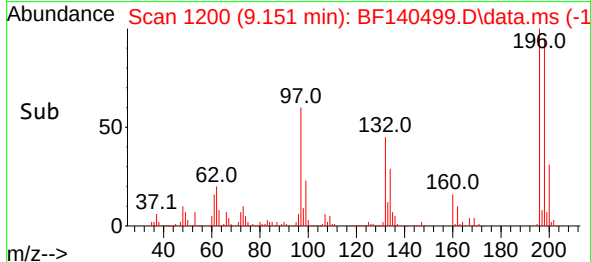
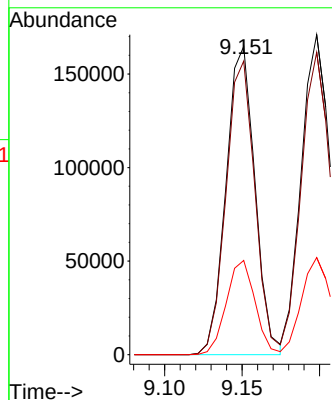
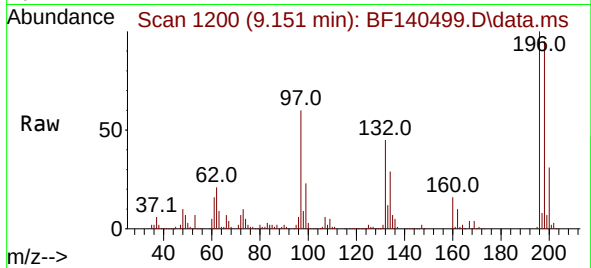




#43
2,4,6-Trichlorophenol
Concen: 41.856 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

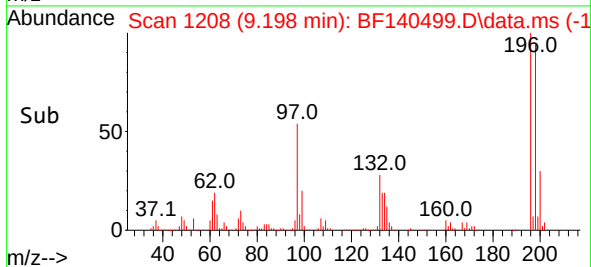
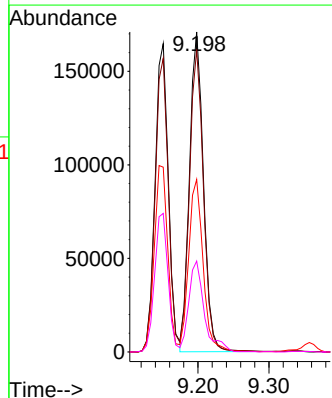
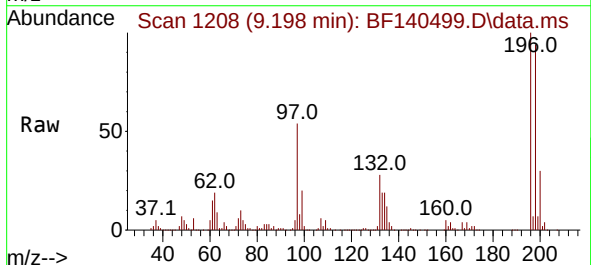
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

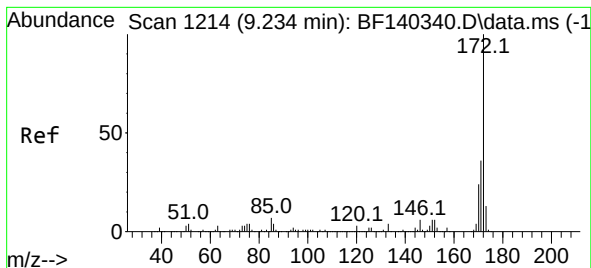
Tgt Ion:196 Resp: 213835
Ion Ratio Lower Upper
196 100
198 95.3 77.0 115.4
200 30.6 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 41.996 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:196 Resp: 234576
Ion Ratio Lower Upper
196 100
198 94.5 77.6 116.4
97 53.9 45.4 68.2
132 28.4 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 80.794 ng

RT: 9.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDC040EC

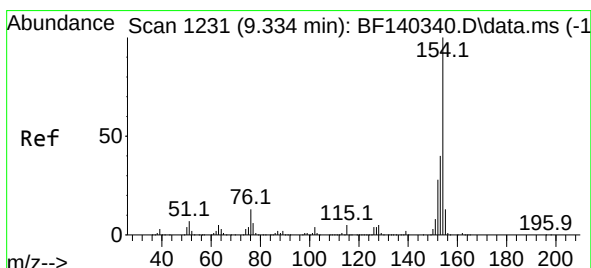
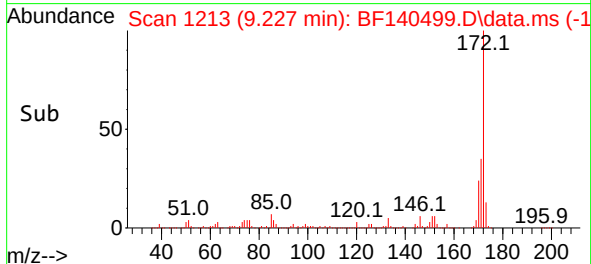
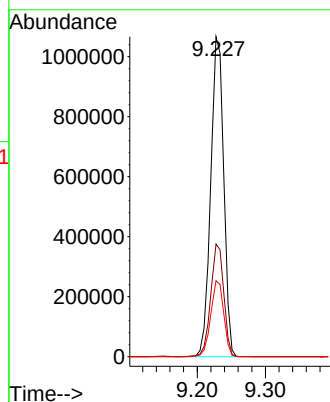
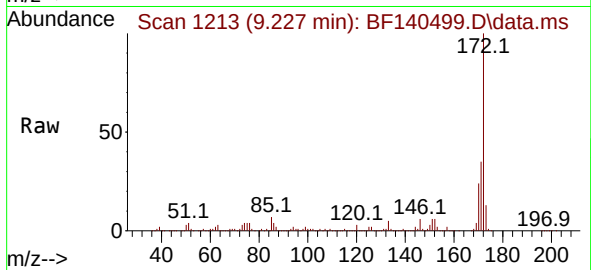
Tgt Ion:172 Resp: 1414875

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.393 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

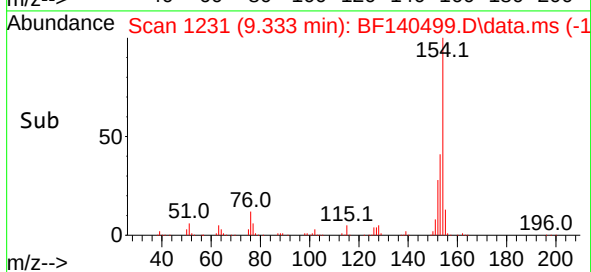
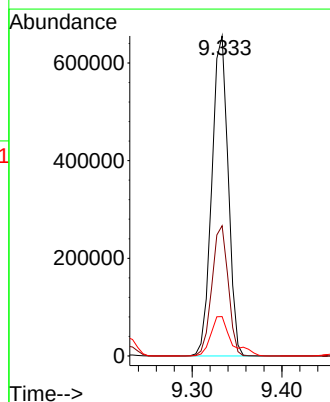
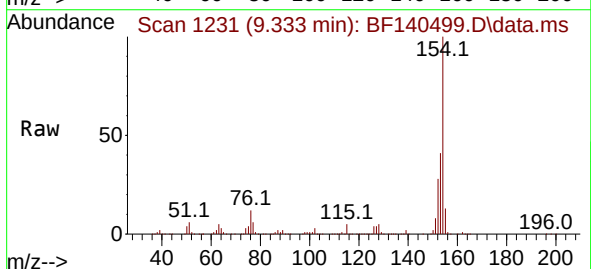
Tgt Ion:154 Resp: 827252

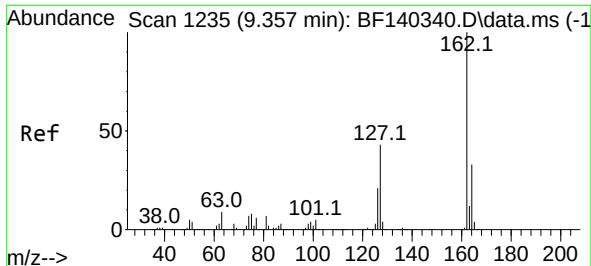
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 12.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.636 ng

RT: 9.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

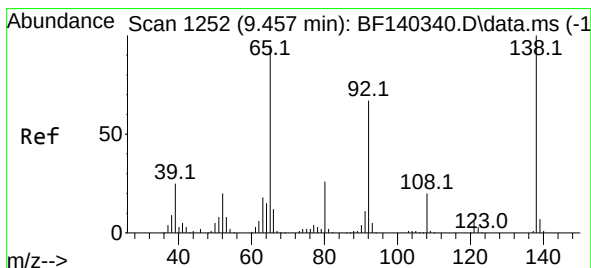
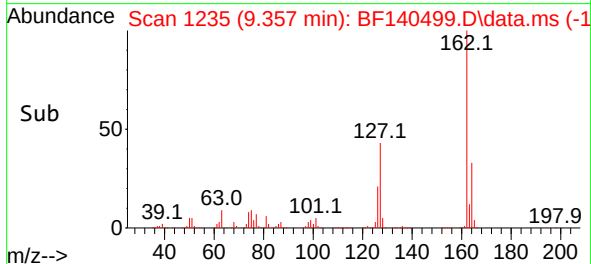
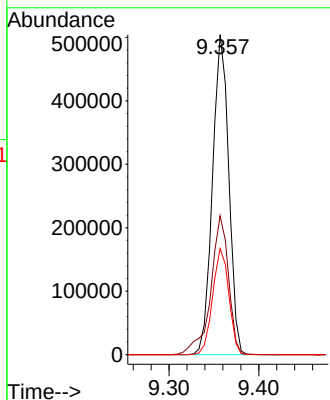
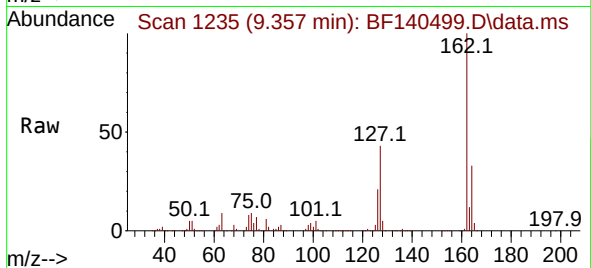
Tgt Ion:162 Resp: 633955

Ion Ratio Lower Upper

162 100

127 43.4 34.0 51.0

164 33.2 26.5 39.7



#48

2-Nitroaniline

Concen: 40.543 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

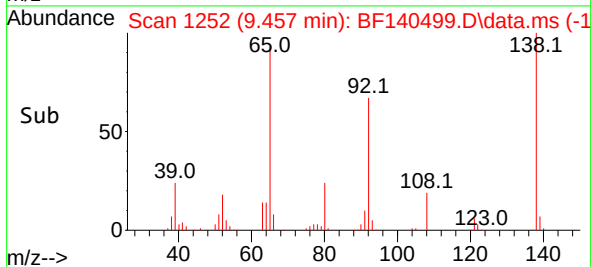
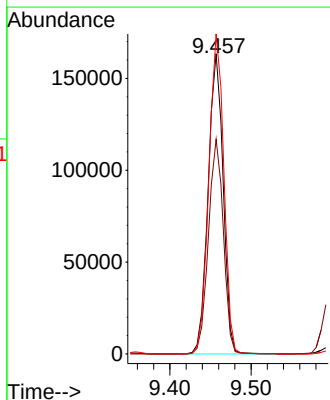
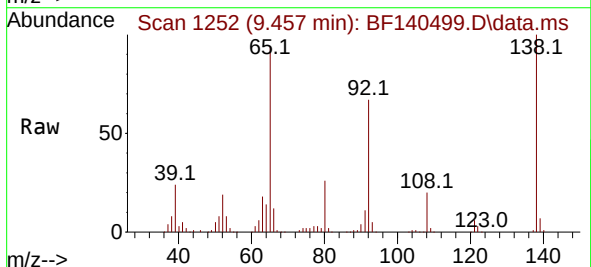
Tgt Ion: 65 Resp: 209767

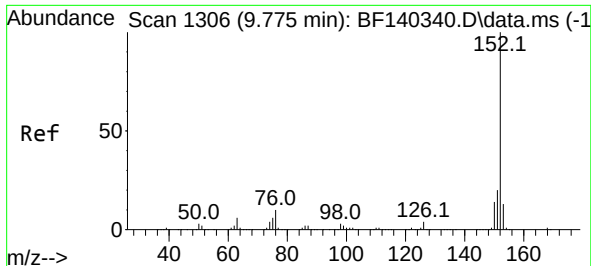
Ion Ratio Lower Upper

65 100

92 71.5 56.4 84.6

138 106.5 84.8 127.2





#49

Acenaphthylene

Concen: 40.908 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

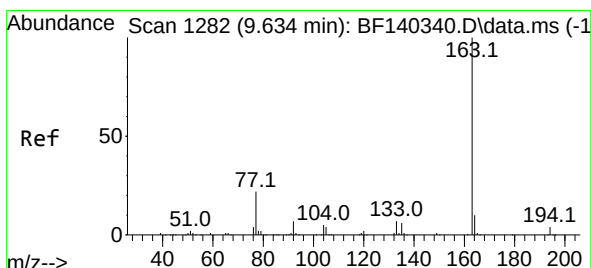
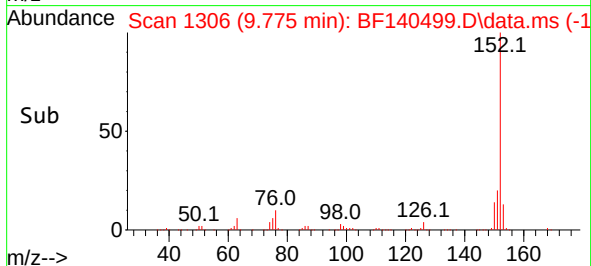
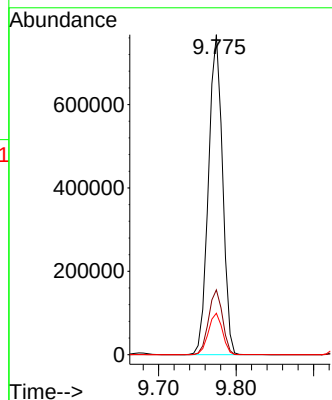
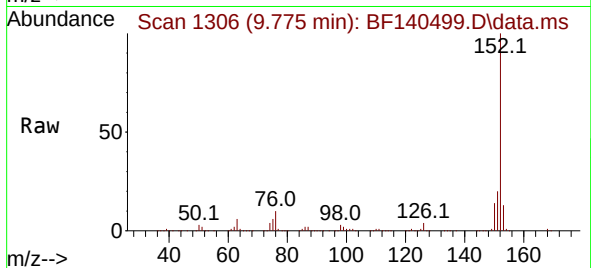
Tgt Ion:152 Resp: 965593

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.0 10.7 16.1



#50

Dimethylphthalate

Concen: 40.737 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

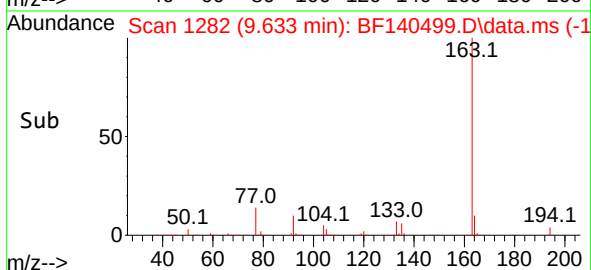
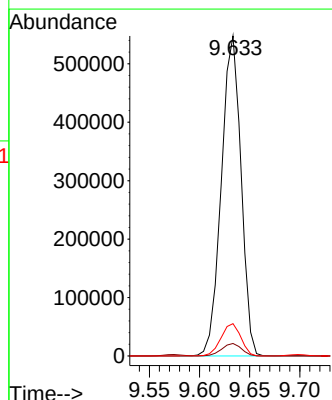
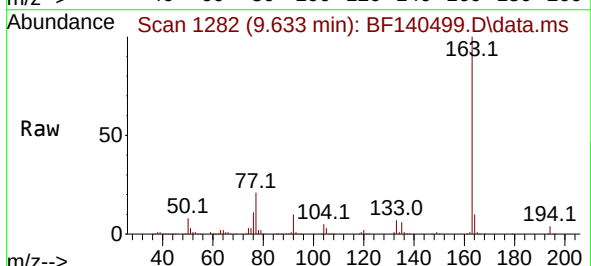
Tgt Ion:163 Resp: 747490

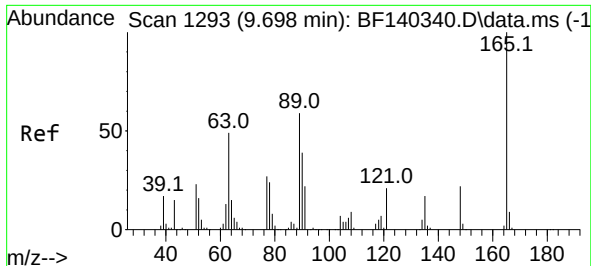
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.2 12.4

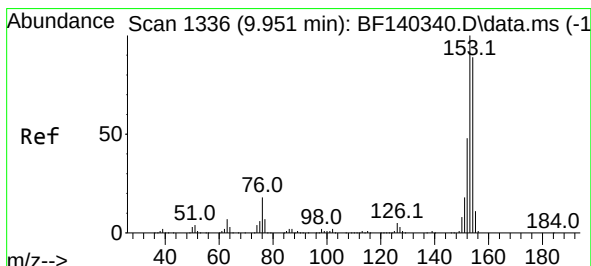
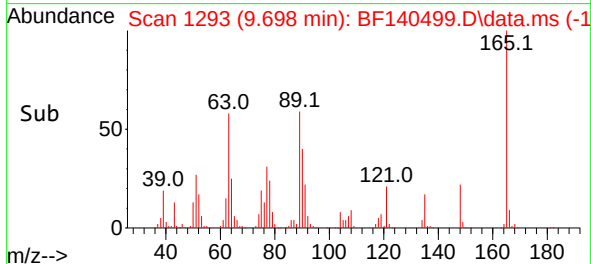
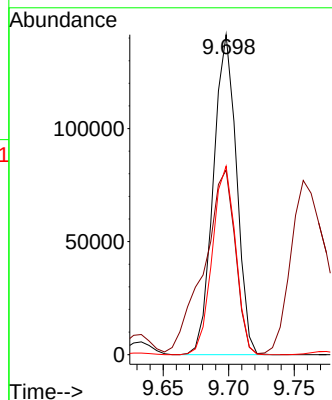
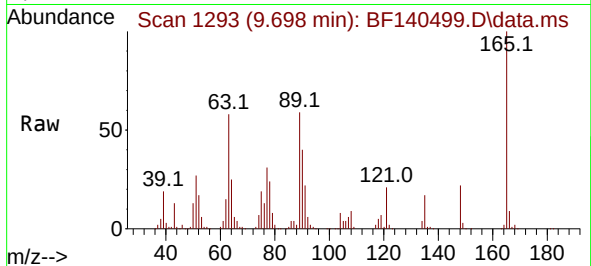




#51
2,6-Dinitrotoluene
Concen: 41.459 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

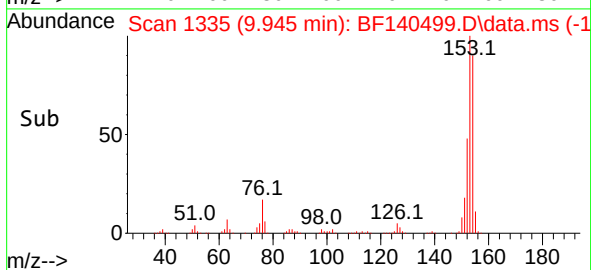
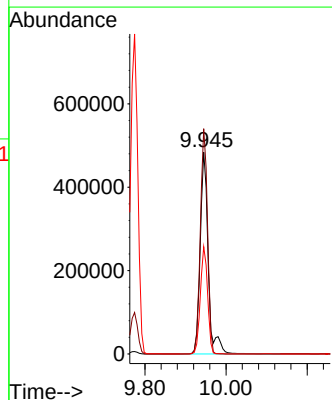
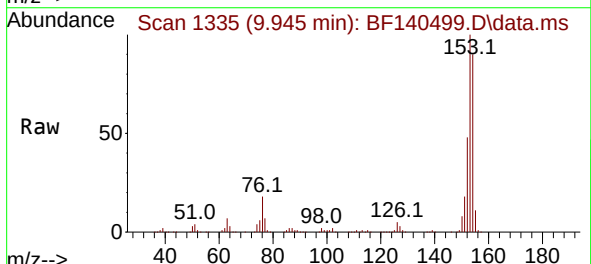
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

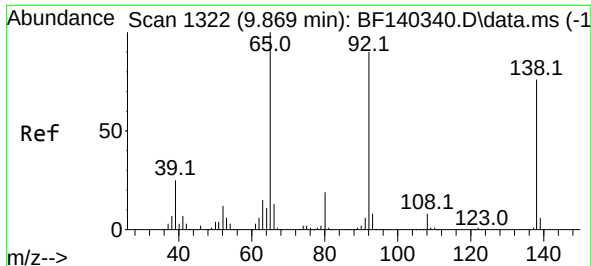
Tgt Ion:165 Resp: 173433
Ion Ratio Lower Upper
165 100
63 57.7 47.6 71.4
89 58.9 48.1 72.1



#52
Acenaphthene
Concen: 41.728 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:154 Resp: 665249
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 53.1 42.6 64.0

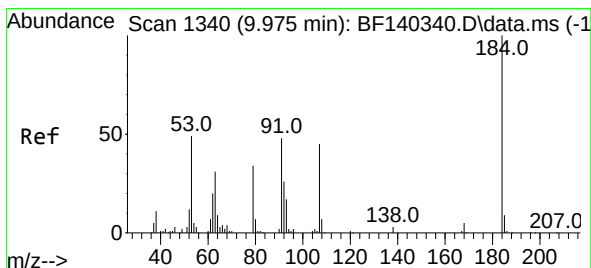
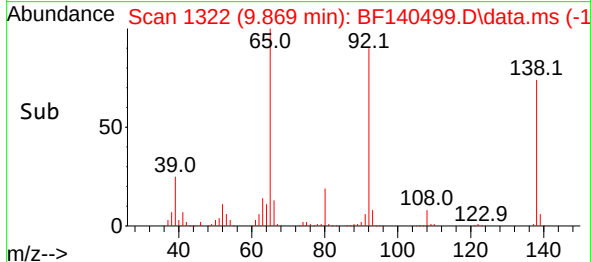
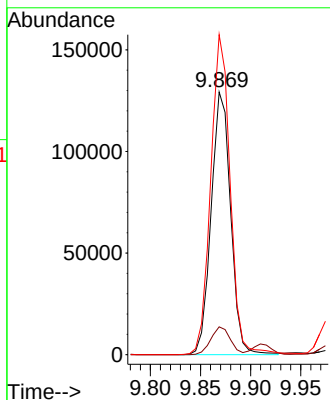
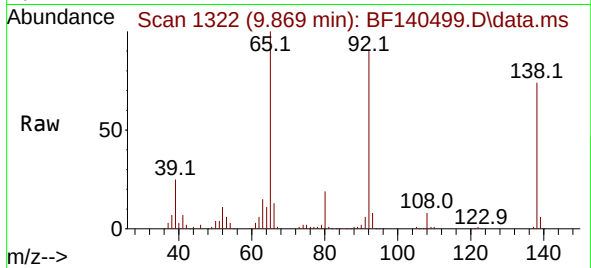




#53
3-Nitroaniline
Concen: 39.705 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

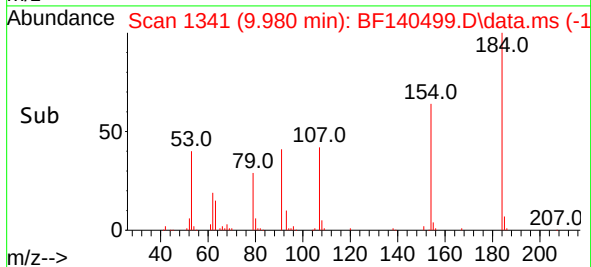
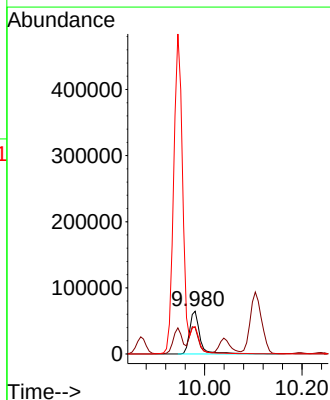
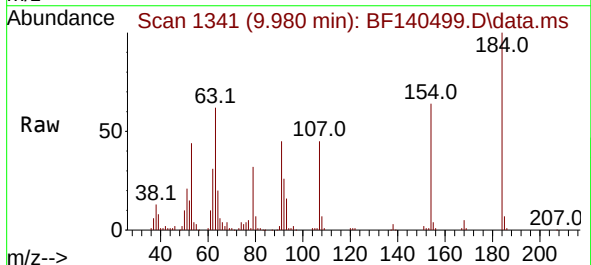
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

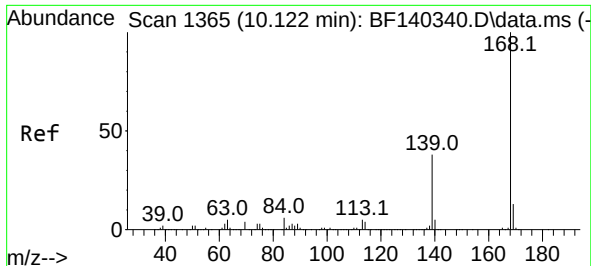
Tgt Ion:138 Resp: 174429
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 121.8 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 44.335 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:184 Resp: 95639
Ion Ratio Lower Upper
184 100
63 61.6 53.5 80.3
154 64.0 51.3 76.9

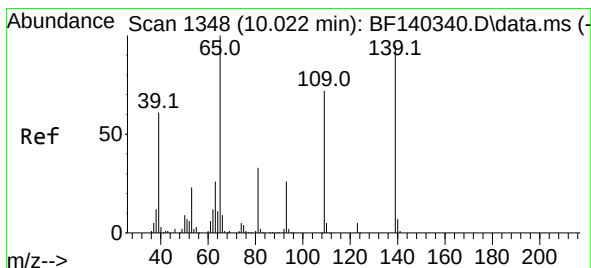
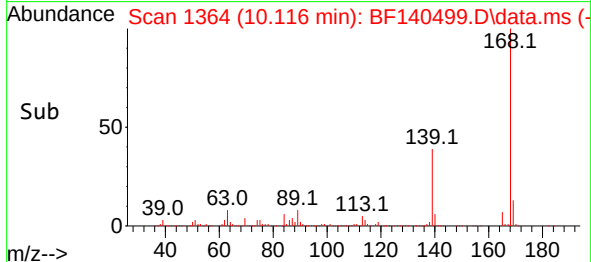
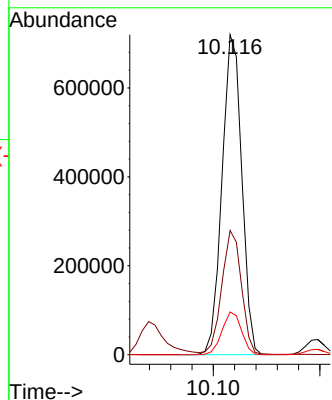
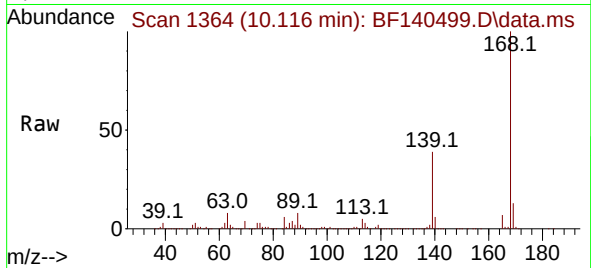




#55
Dibenzofuran
Concen: 40.880 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

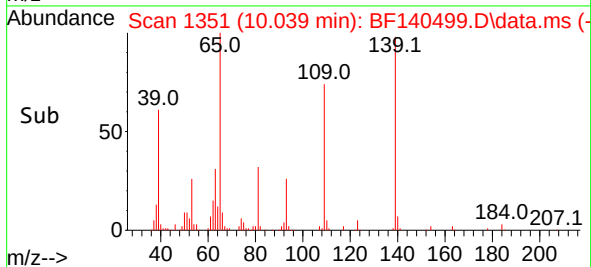
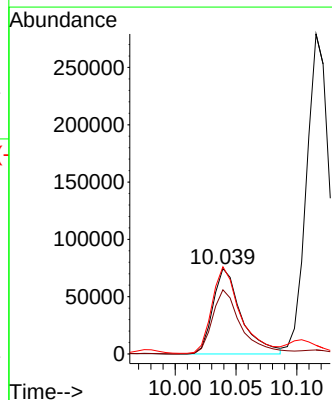
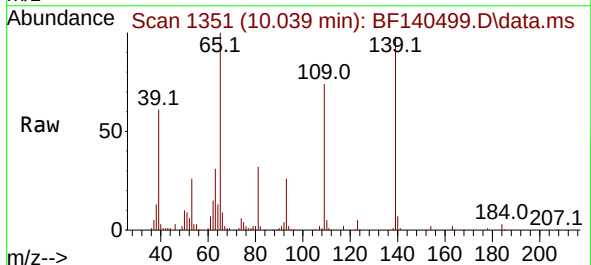
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

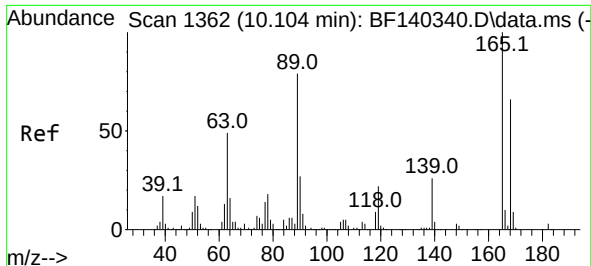
Tgt Ion:168 Resp: 922615
Ion Ratio Lower Upper
168 100
139 38.8 30.8 46.2
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 37.712 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.017 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:139 Resp: 120846
Ion Ratio Lower Upper
139 100
109 75.1 54.5 94.5
65 102.1 84.4 124.4

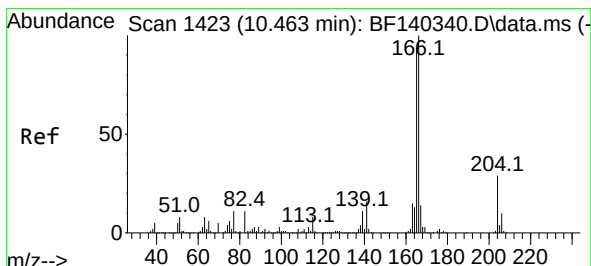
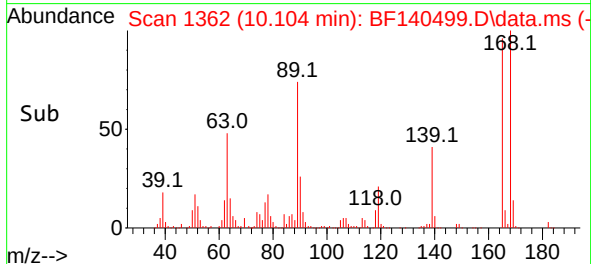
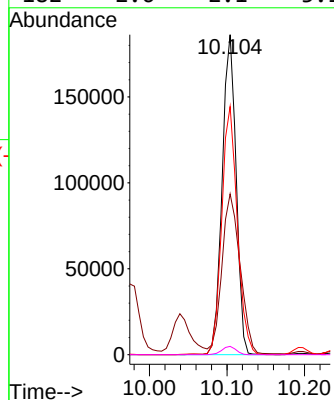
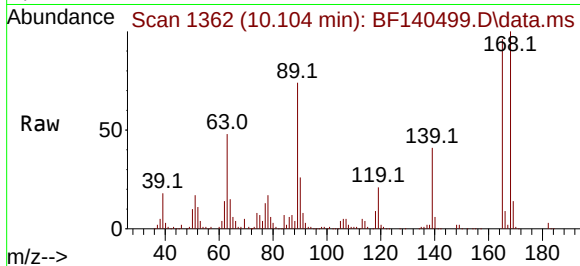




#57
2,4-Dinitrotoluene
Concen: 42.160 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

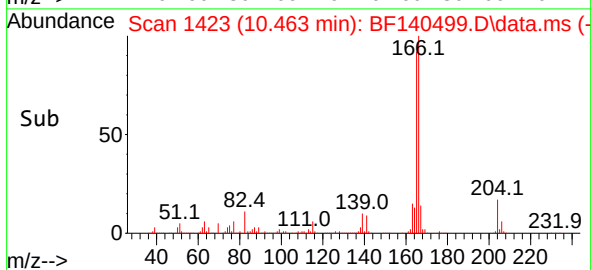
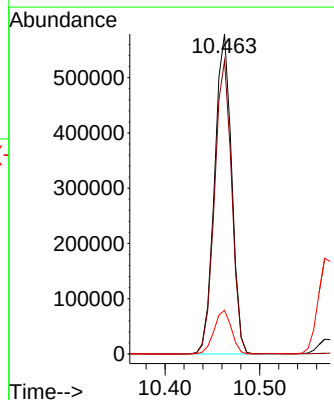
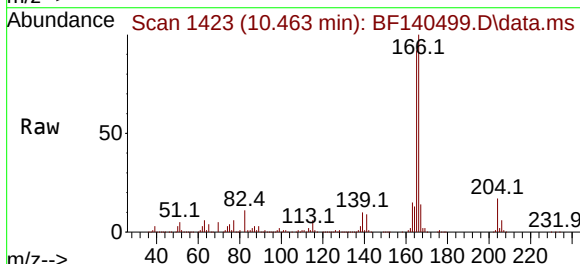
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

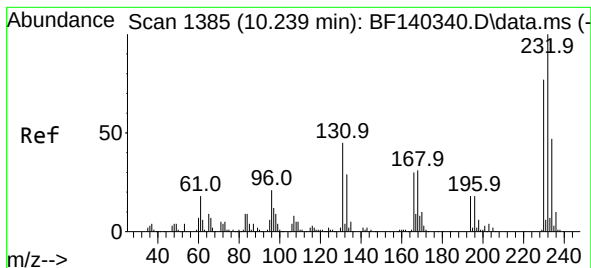
Tgt Ion:	165	Resp:	232114
Ion	Ratio	Lower	Upper
165	100		
63	50.2	39.4	59.0
89	77.6	62.4	93.6
182	2.6	2.1	3.1



#58
Fluorene
Concen: 40.595 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:	166	Resp:	723765
Ion	Ratio	Lower	Upper
166	100		
165	91.7	73.9	110.9
167	13.6	10.9	16.3



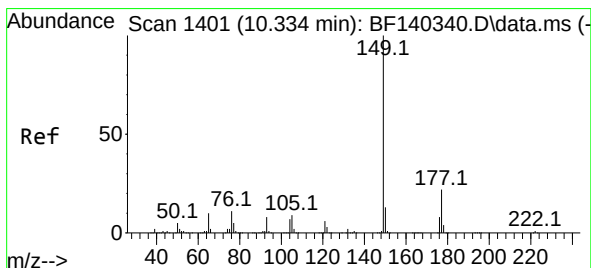
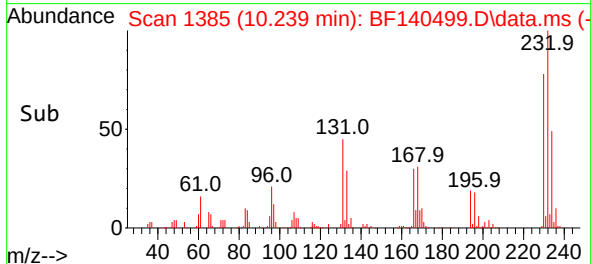
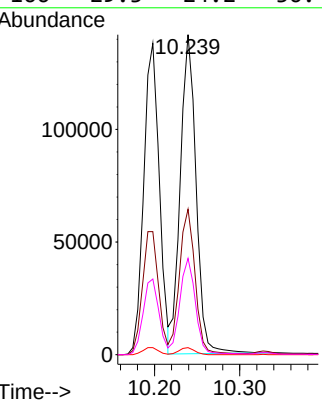
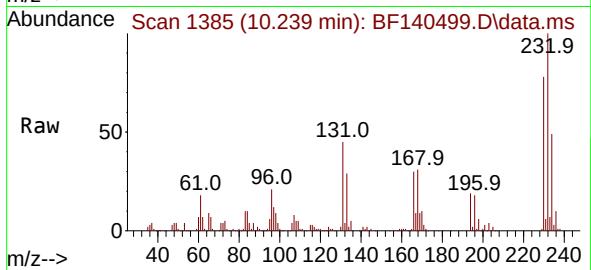


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.353 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 182383

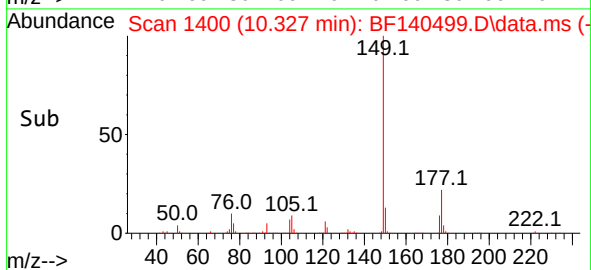
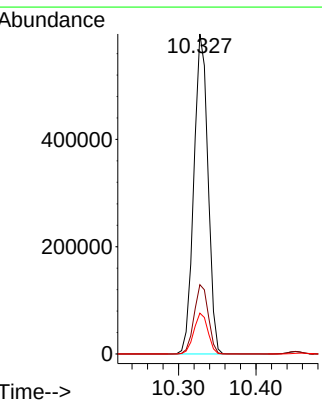
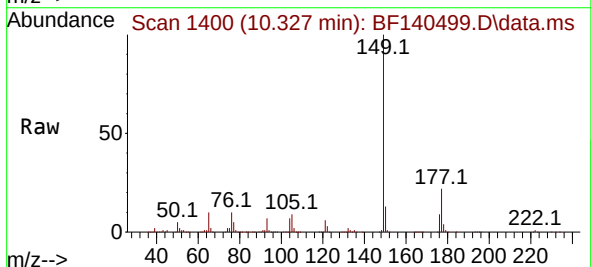
Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.8	55.2
130	2.2	1.9	2.9
166	29.3	24.2	36.4

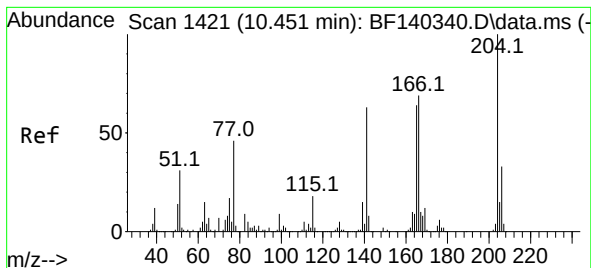


#60
Diethylphthalate
Concen: 40.147 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:149 Resp: 753283

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.5	26.3
150	12.8	10.1	15.1

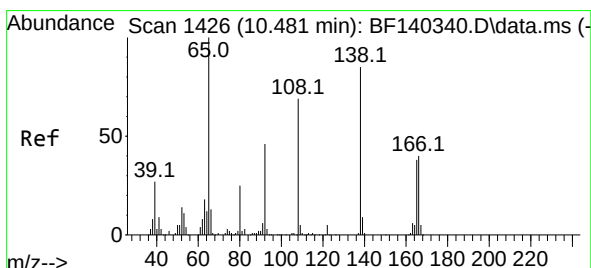
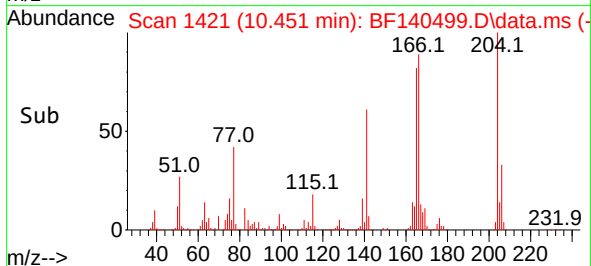
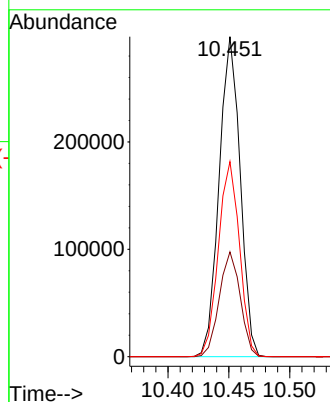
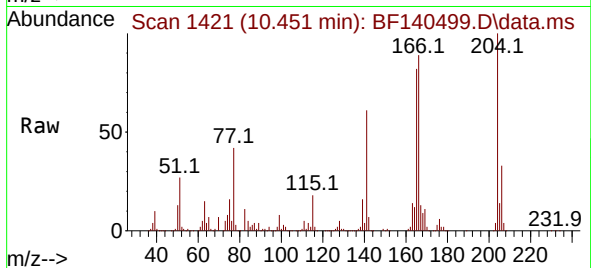




#61
4-Chlorophenyl-phenylether
Concen: 40.701 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

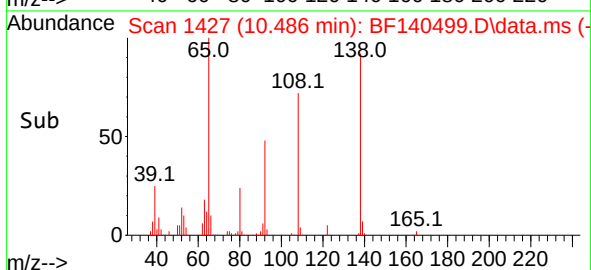
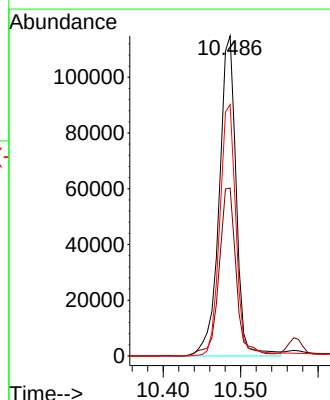
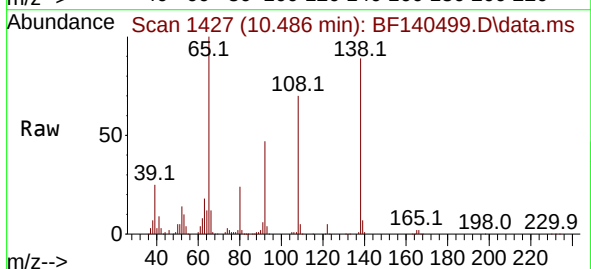
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

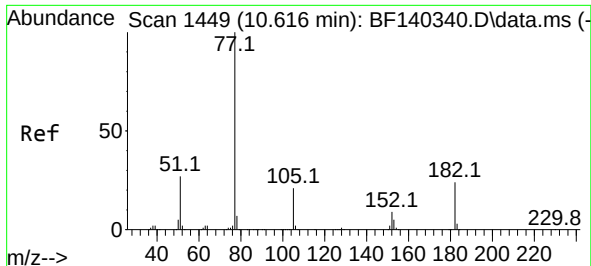
Tgt Ion:204 Resp: 358252
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 61.0 49.8 74.8



#62
4-Nitroaniline
Concen: 38.940 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:138 Resp: 174915
Ion Ratio Lower Upper
138 100
92 52.4 33.8 73.8
108 78.5 59.9 99.9

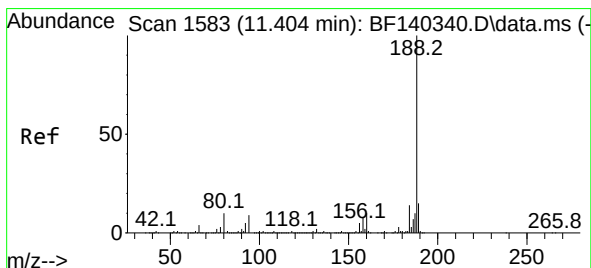
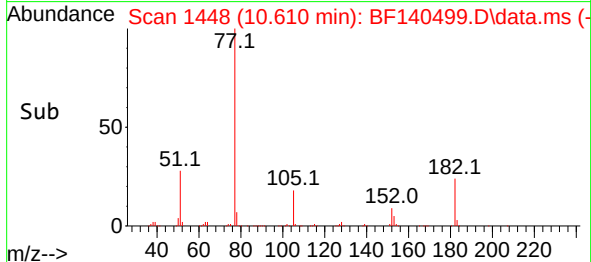
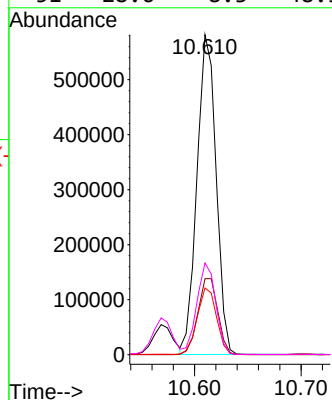
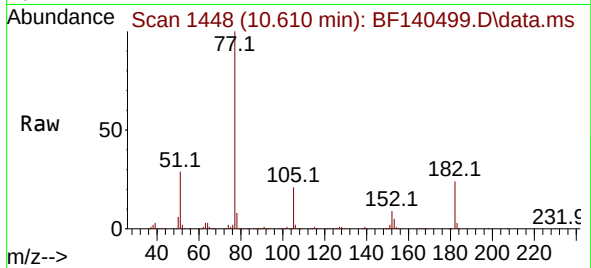




#63
Azobenzene
Concen: 39.259 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

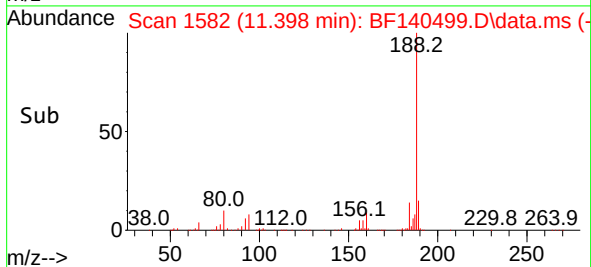
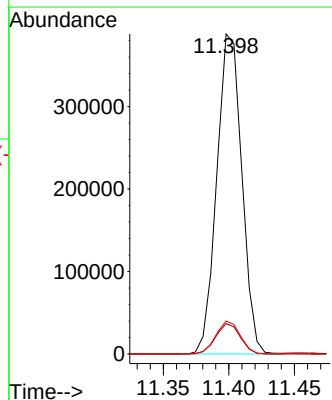
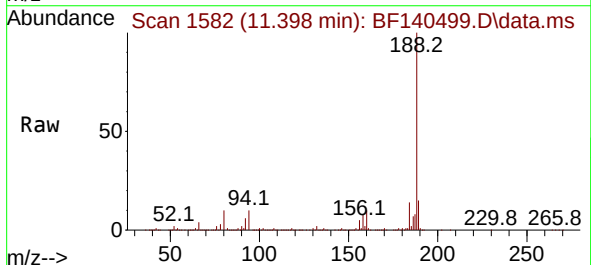
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

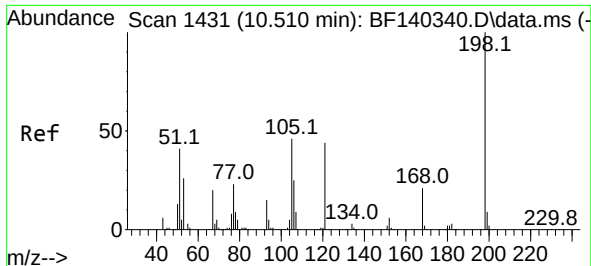
Tgt Ion: 77	Resp: 727819		
Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.6	44.6
105	20.9	0.9	40.9
51	28.6	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion: 188	Resp: 514713		
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	10.3	8.0	12.0

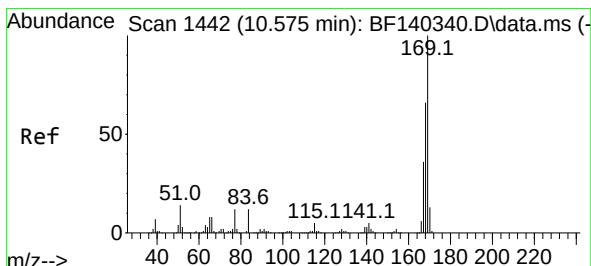
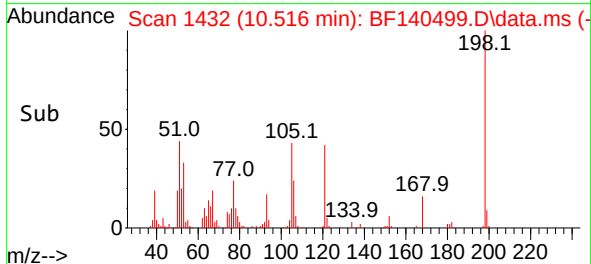
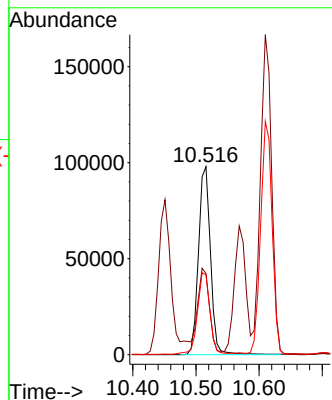
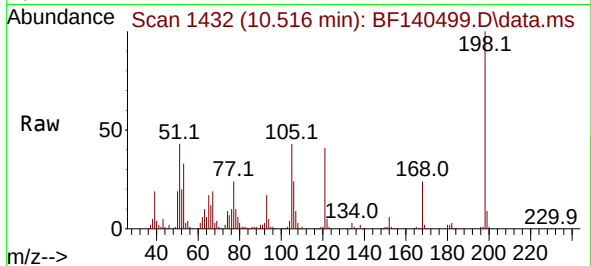




#65
4,6-Dinitro-2-methylphenol
Concen: 46.673 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

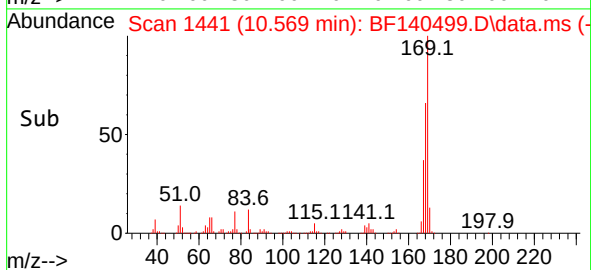
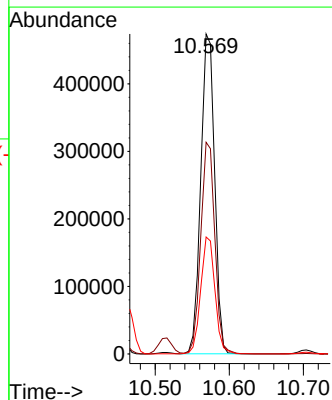
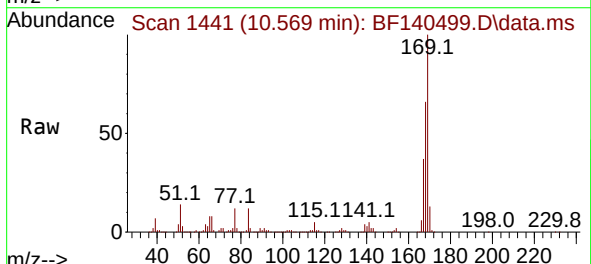
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

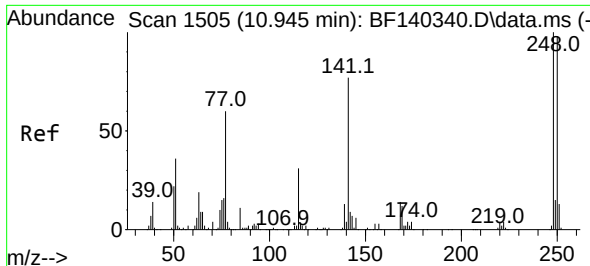
Tgt Ion:198 Resp: 129251
Ion Ratio Lower Upper
198 100
51 43.2 29.7 69.7
105 42.5 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 41.330 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:169 Resp: 614645
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.6 29.3 43.9

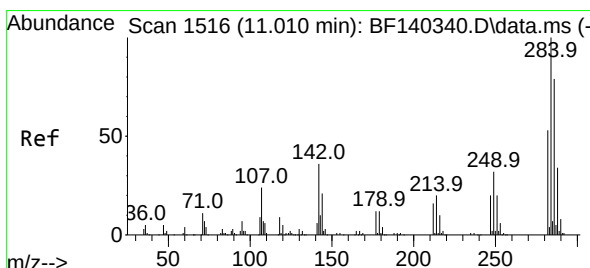
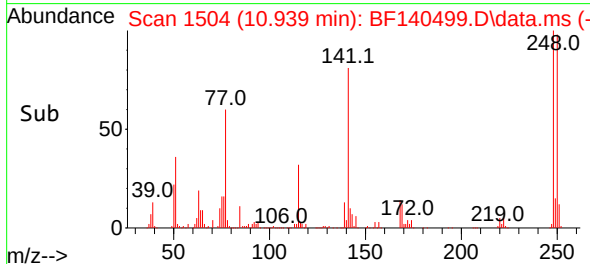
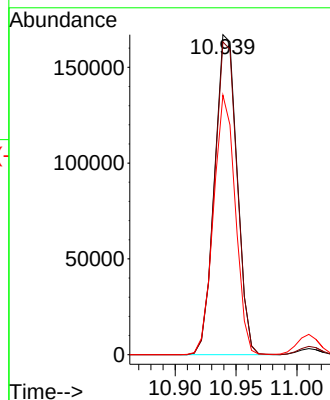
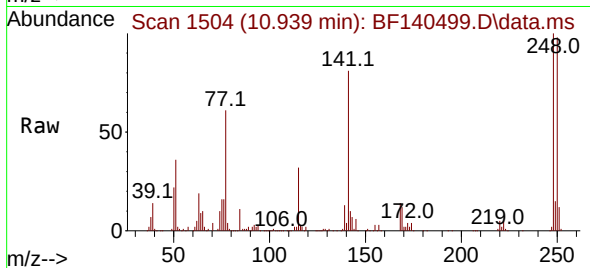




#67
4-Bromophenyl-phenylether
Concen: 41.945 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

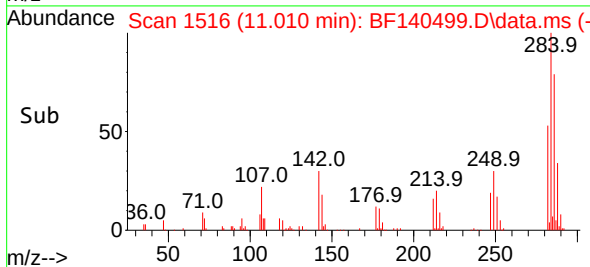
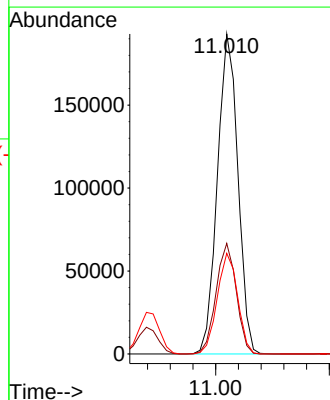
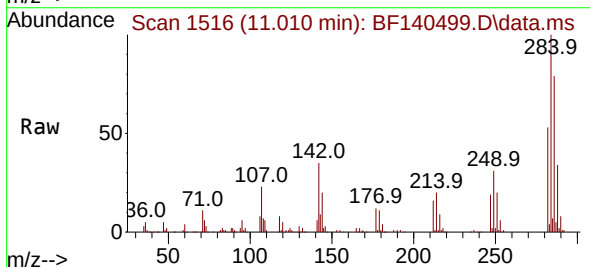
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

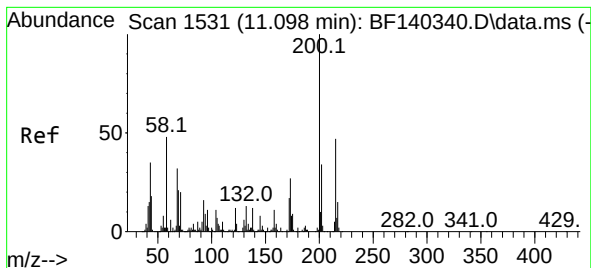
Tgt Ion:248 Resp: 215812
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 81.1 61.8 92.6



#68
Hexachlorobenzene
Concen: 41.818 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:284 Resp: 242082
Ion Ratio Lower Upper
284 100
142 34.6 28.1 42.1
249 31.4 24.9 37.3





#69

Atrazine

Concen: 35.281 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

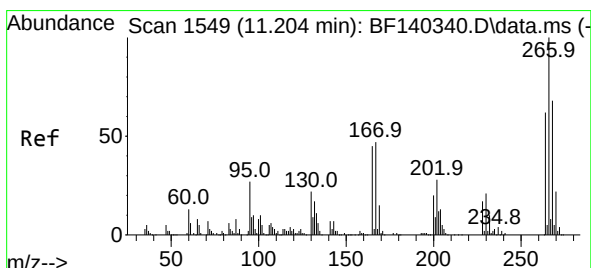
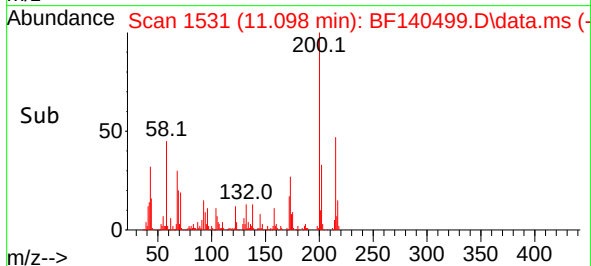
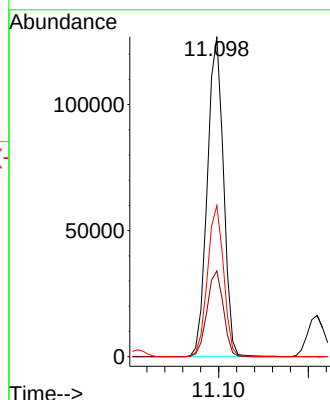
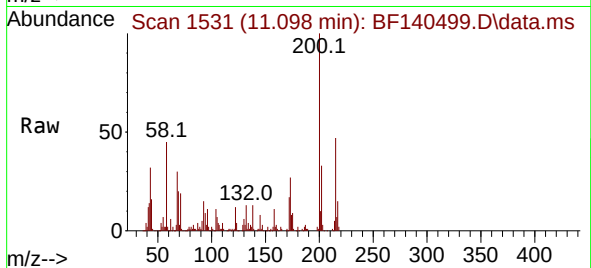
Tgt Ion:200 Resp: 158743

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 39.256 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

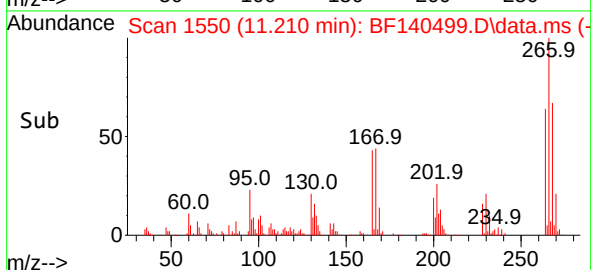
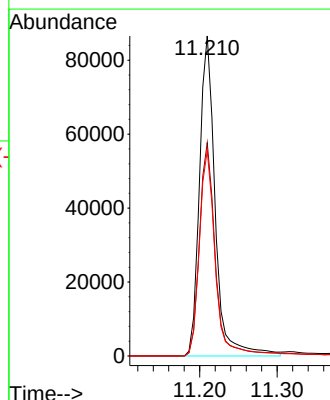
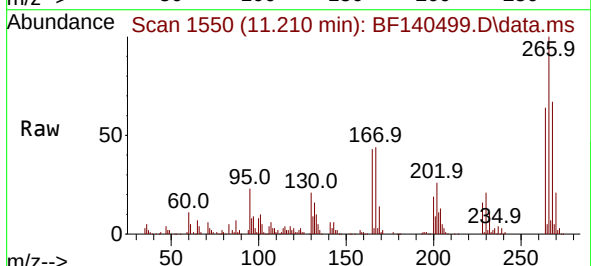
Tgt Ion:266 Resp: 122415

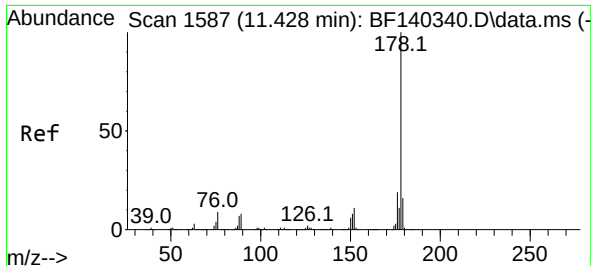
Ion Ratio Lower Upper

266 100

268 66.6 52.9 79.3

264 64.2 50.3 75.5

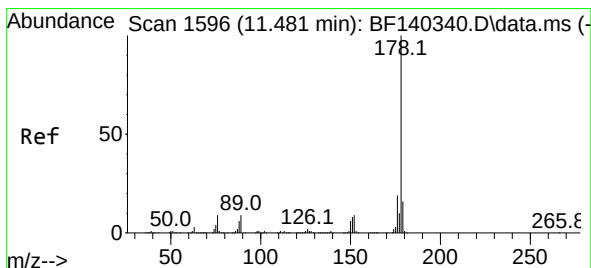
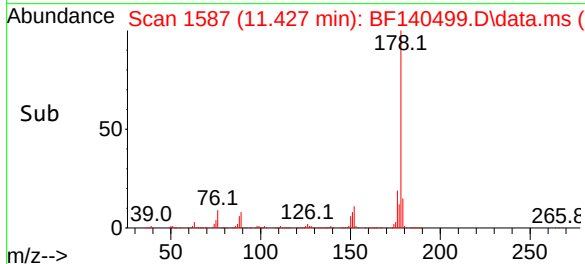
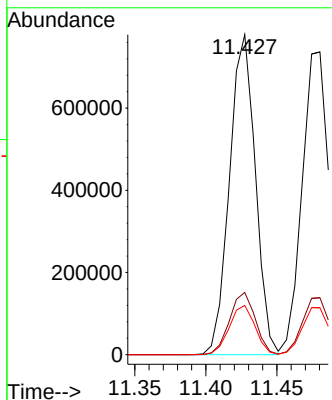
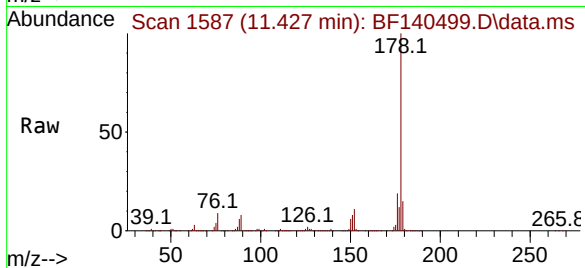




#71
Phenanthrene
Concen: 40.874 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

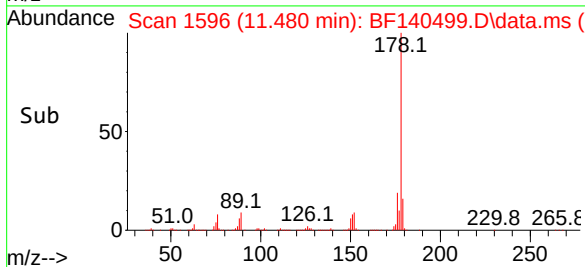
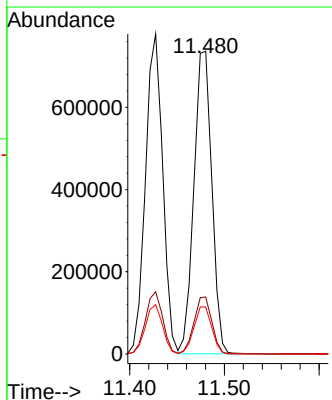
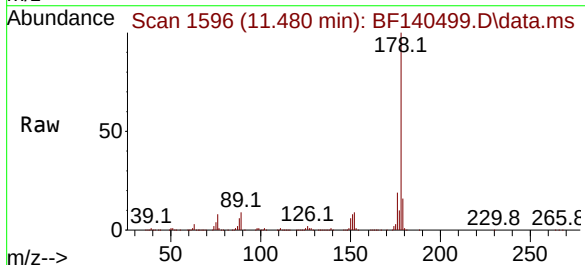
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

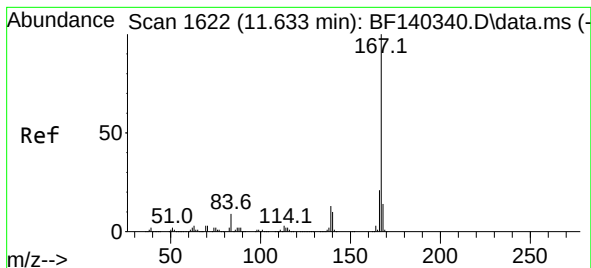
Tgt Ion:178 Resp: 988286
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.4 18.6



#72
Anthracene
Concen: 41.053 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:178 Resp: 972834
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.5 12.6 18.8





#73

Carbazole

Concen: 40.819 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

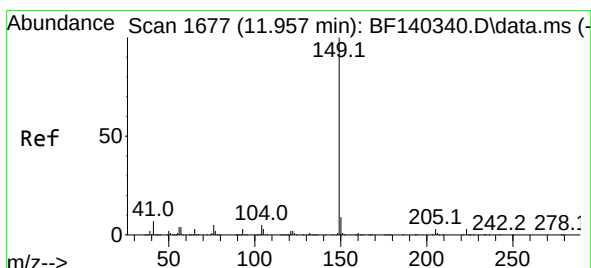
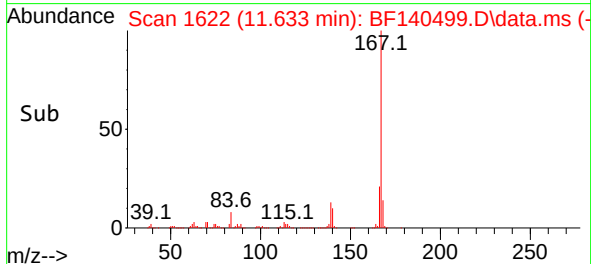
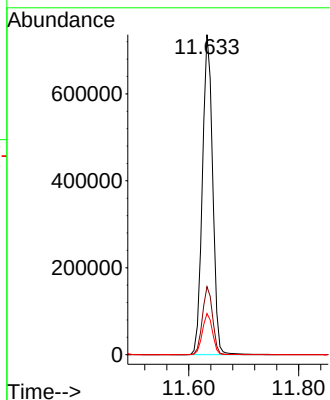
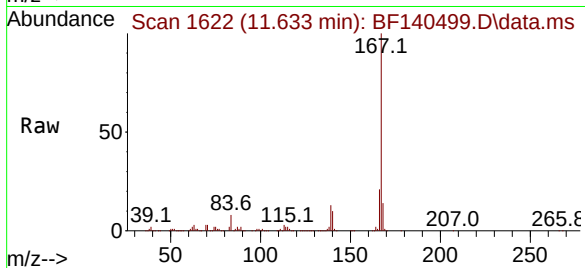
Tgt Ion:167 Resp: 955103

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.8 10.4 15.6



#74

Di-n-butylphthalate

Concen: 40.615 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

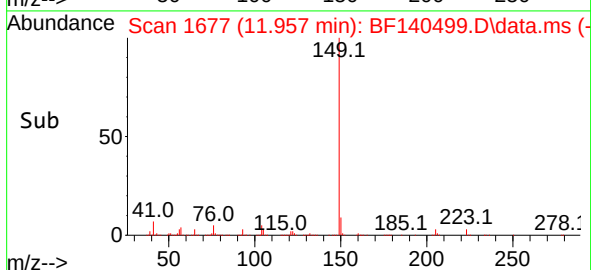
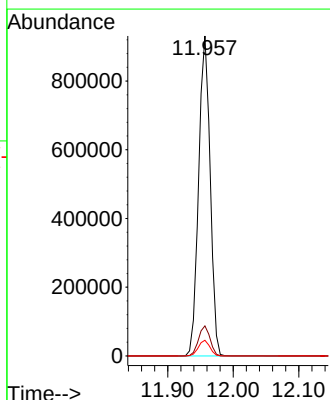
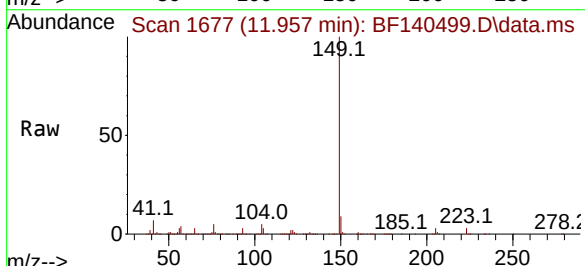
Tgt Ion:149 Resp: 1140587

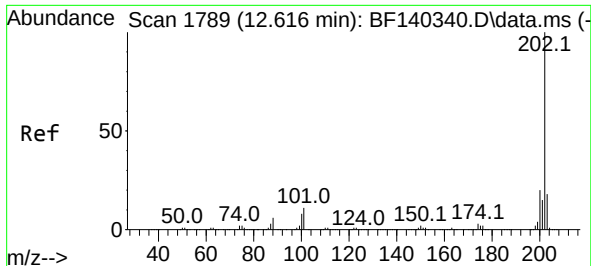
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.9 4.0 6.0

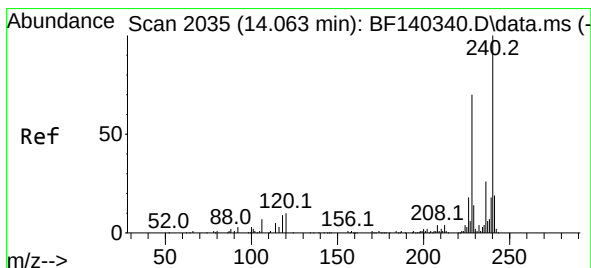
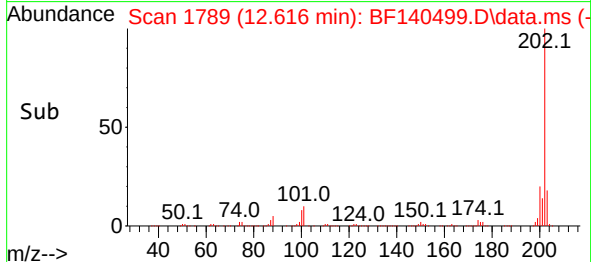
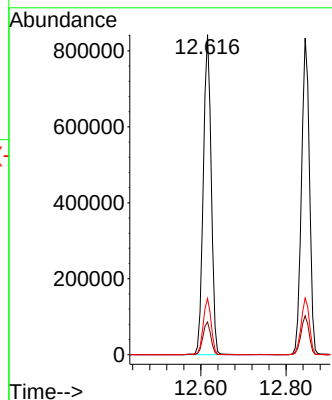
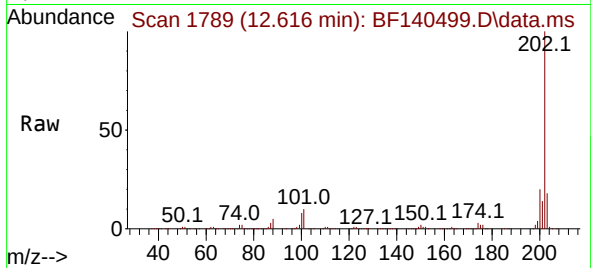




#75
Fluoranthene
Concen: 39.863 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

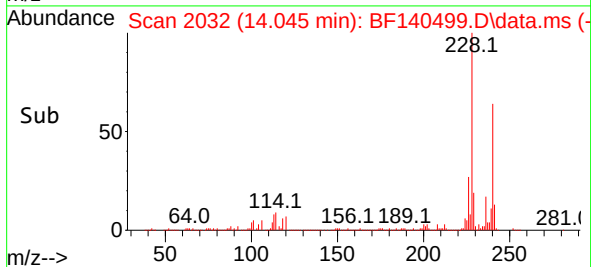
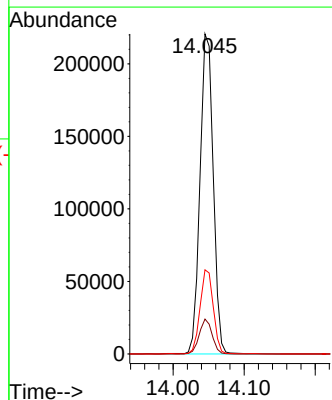
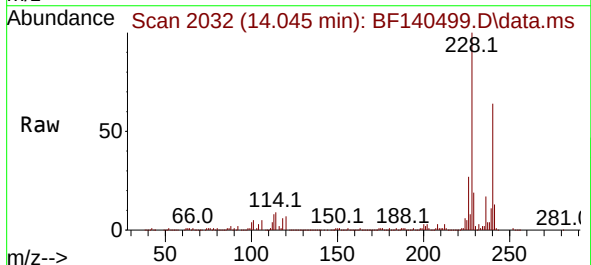
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

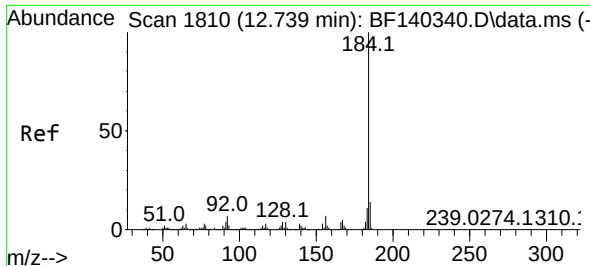
Tgt Ion:202 Resp: 1081347
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:240 Resp: 286743
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 26.3 20.9 31.3

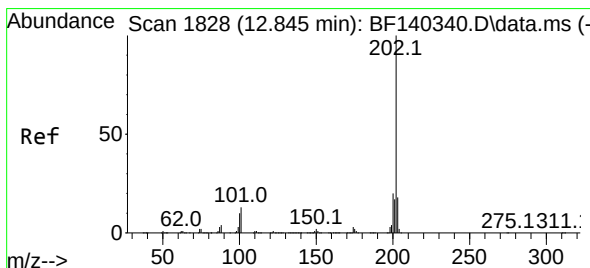
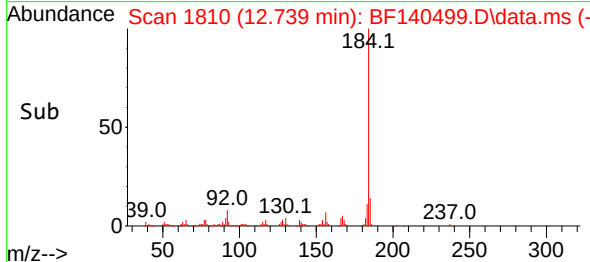
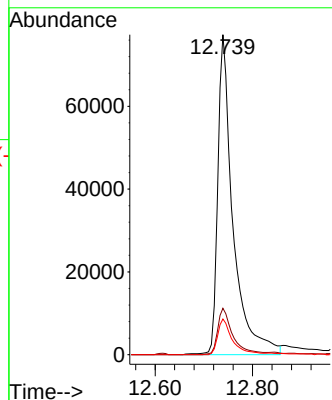
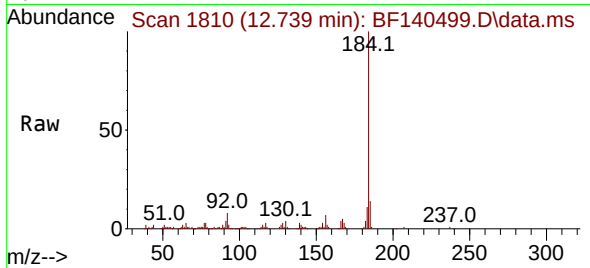




#77
Benzidine
Concen: 15.251 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

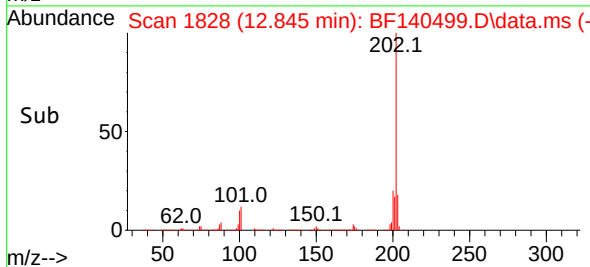
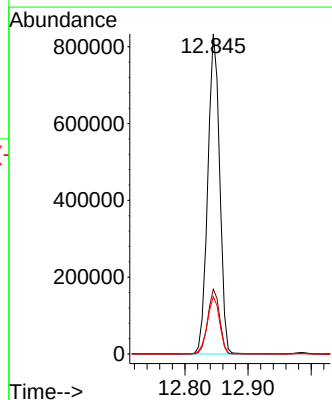
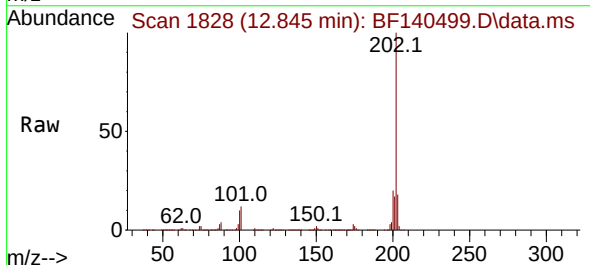
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

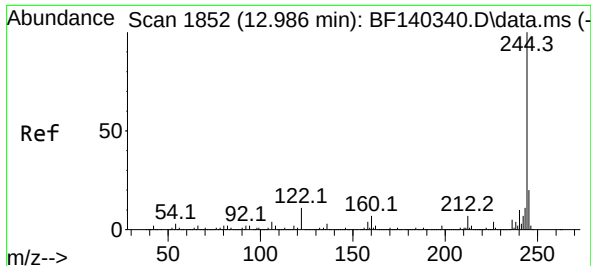
Tgt Ion:184 Resp: 167843
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.1 8.6 13.0



#78
Pyrene
Concen: 44.185 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

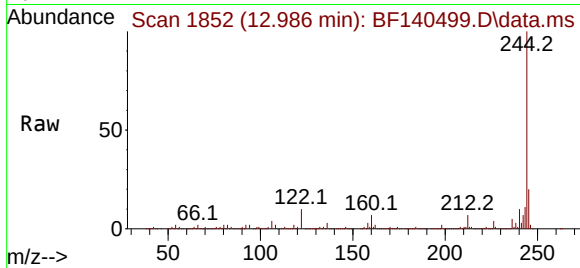
Tgt Ion:202 Resp: 1083741
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.9 14.2 21.4



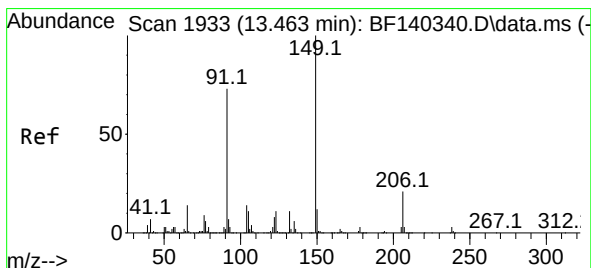
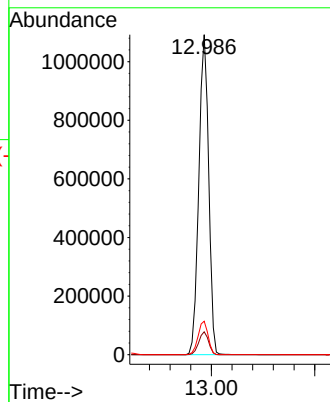
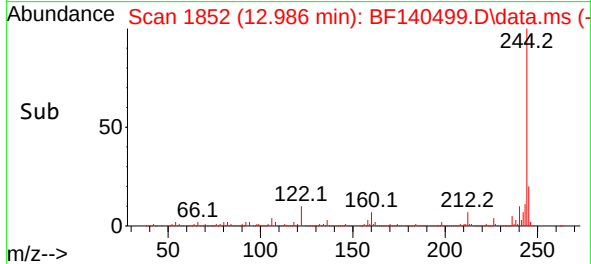


#79
 Terphenyl-d14
 Concen: 87.224 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140499.D
 Acq: 20 Nov 2024 14:34

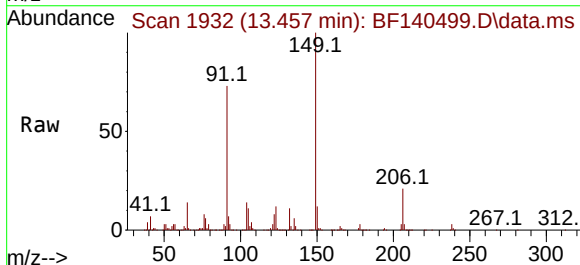
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



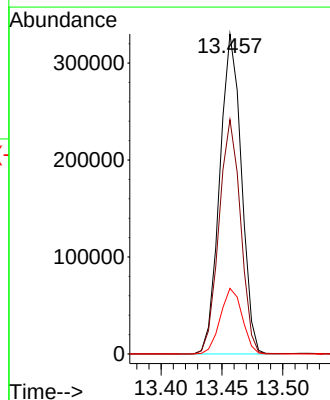
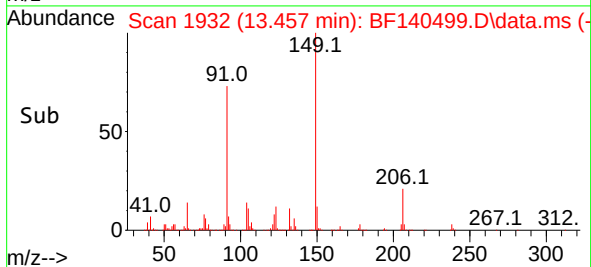
Tgt Ion:244 Resp: 1440888
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.5 8.8 13.2

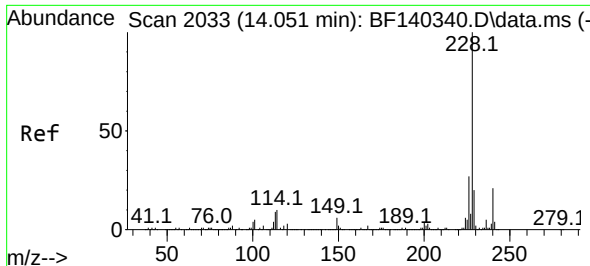


#80
 Butylbenzylphthalate
 Concen: 43.392 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF140499.D
 Acq: 20 Nov 2024 14:34



Tgt Ion:149 Resp: 408841
 Ion Ratio Lower Upper
 149 100
 91 73.2 61.0 91.4
 206 20.5 16.1 24.1

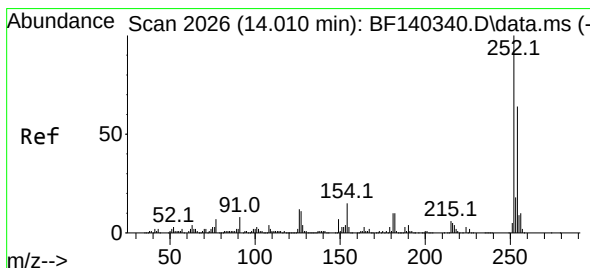
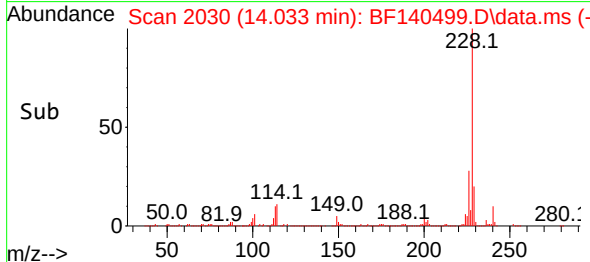
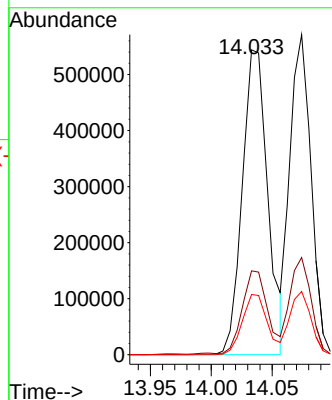
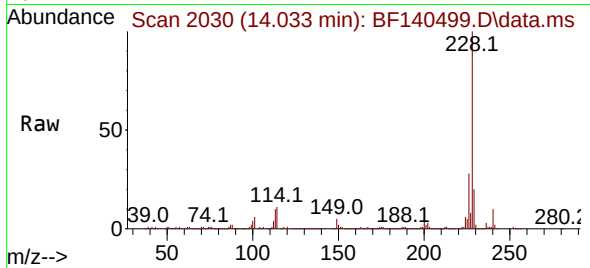




#81
Benzo(a)anthracene
Concen: 42.144 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

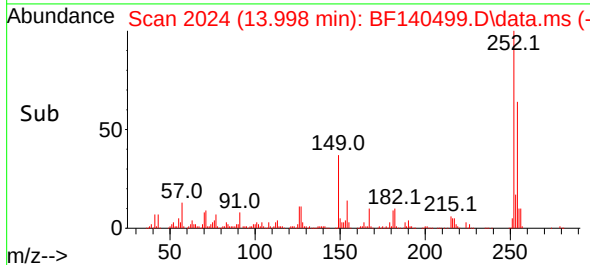
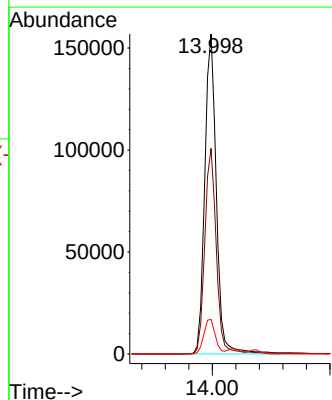
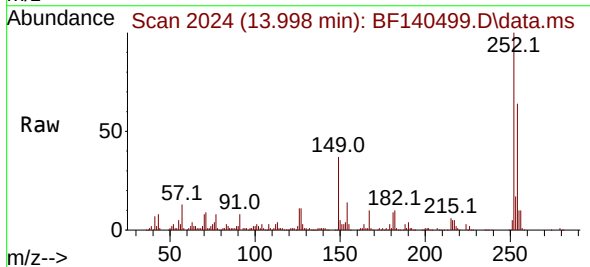
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

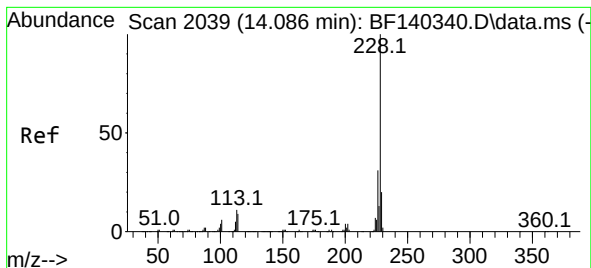
Tgt Ion:228 Resp: 794220
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.789 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:252 Resp: 214376
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 10.8 9.4 14.0





#83

Chrysene

Concen: 40.116 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

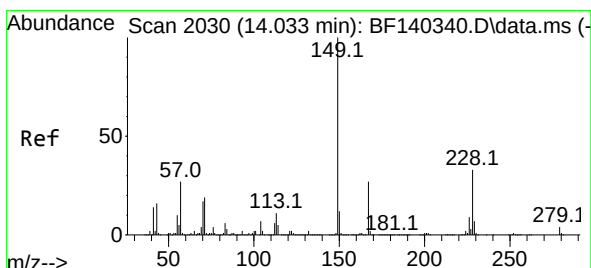
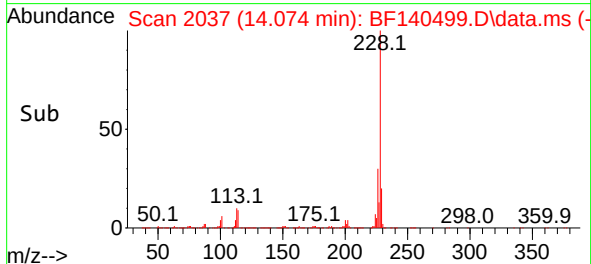
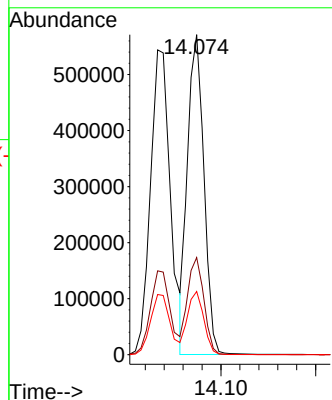
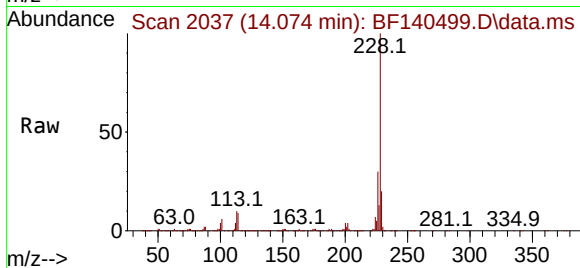
Tgt Ion:228 Resp: 689797

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.645 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

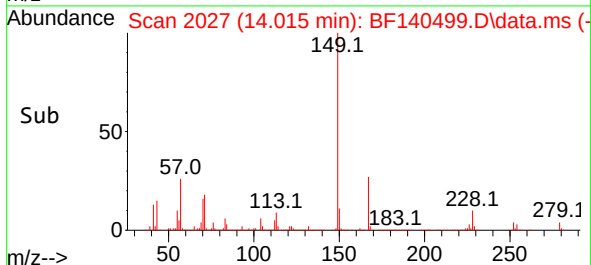
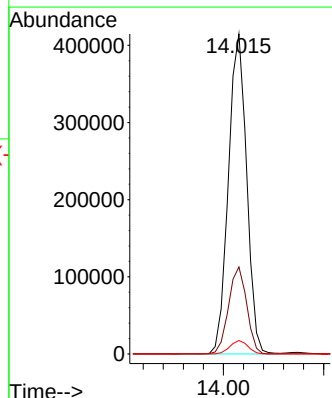
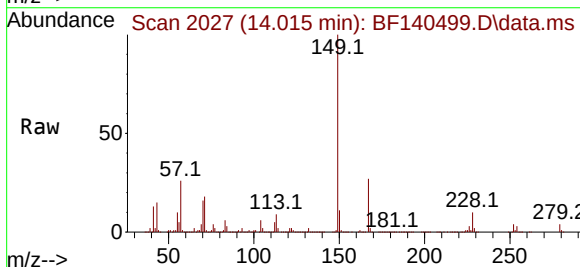
Tgt Ion:149 Resp: 523748

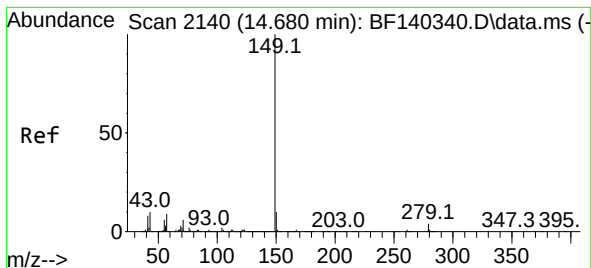
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.023 ng

RT: 14.639 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

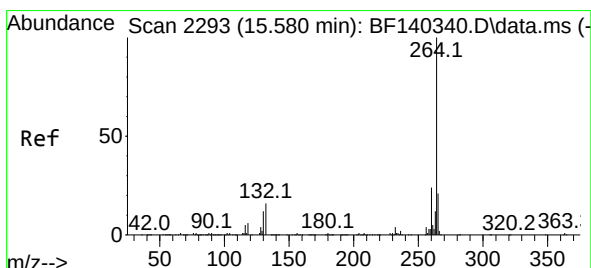
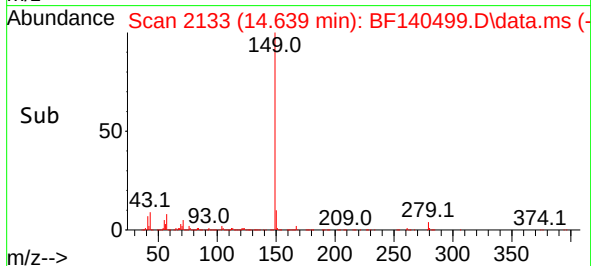
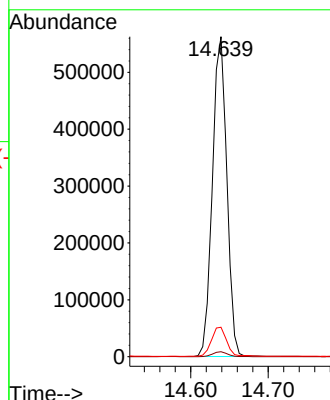
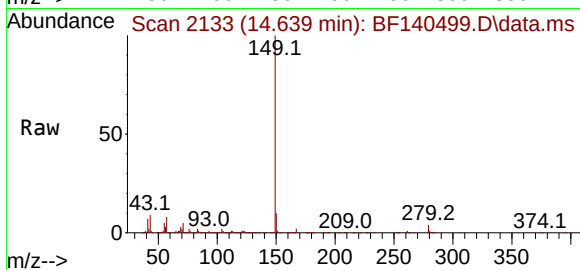
Tgt Ion:149 Resp: 726628

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.018 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

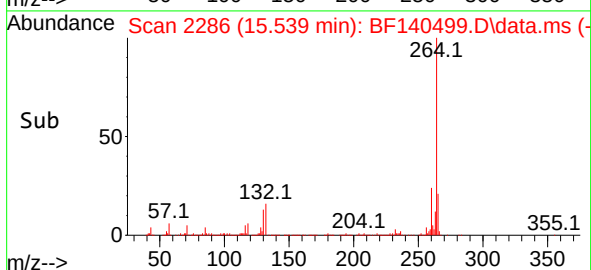
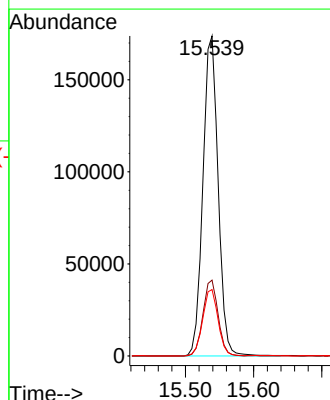
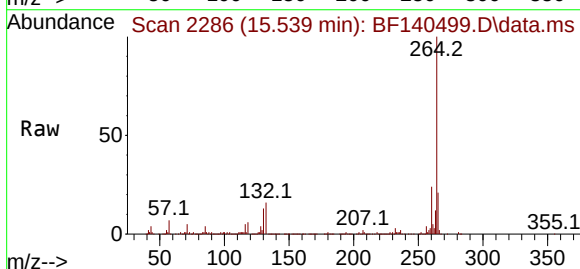
Tgt Ion:264 Resp: 269781

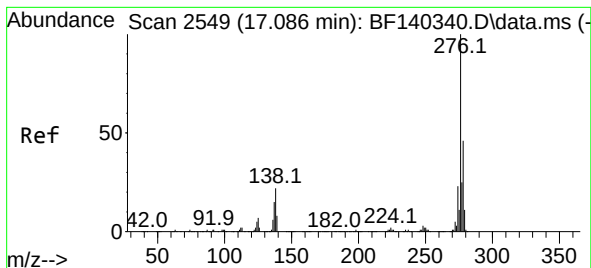
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.450 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

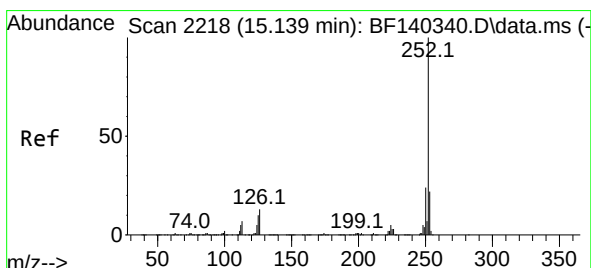
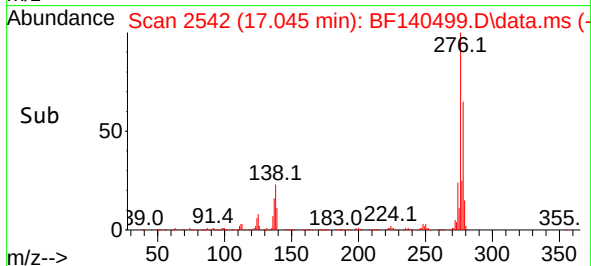
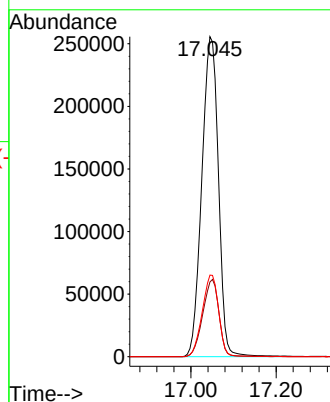
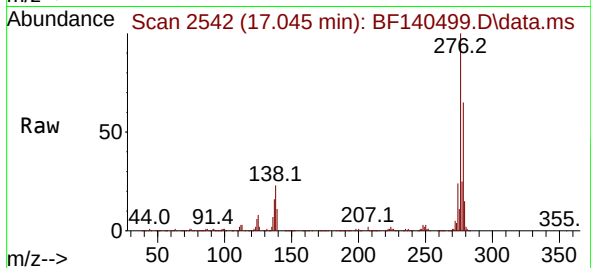
Tgt Ion:276 Resp: 690766

Ion Ratio Lower Upper

276 100

138 23.7 18.8 28.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.057 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

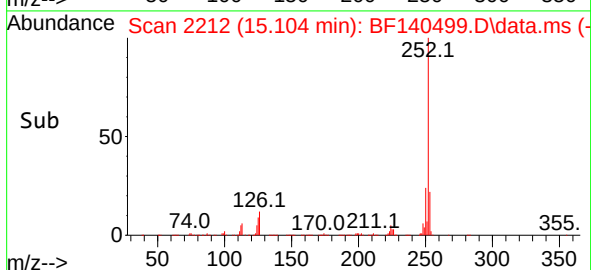
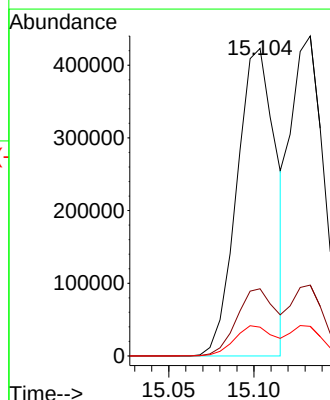
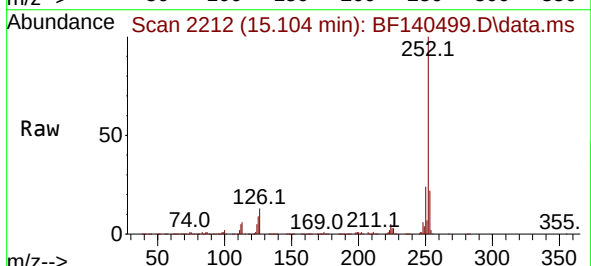
Tgt Ion:252 Resp: 671623

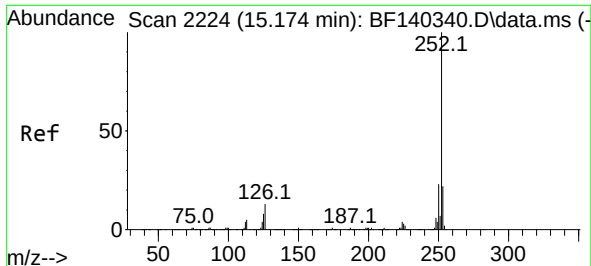
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.316 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

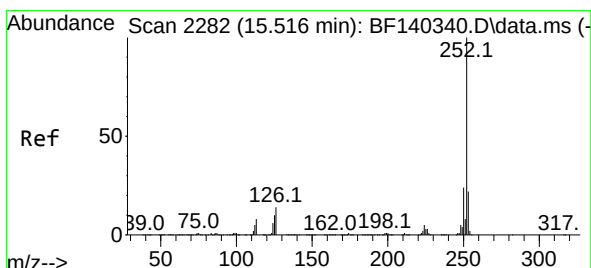
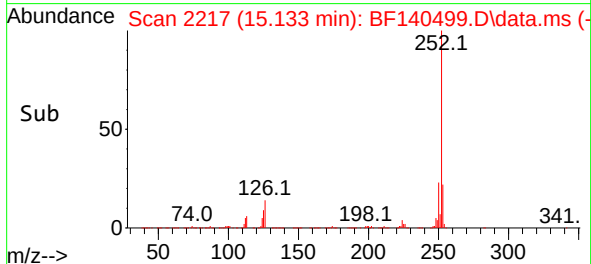
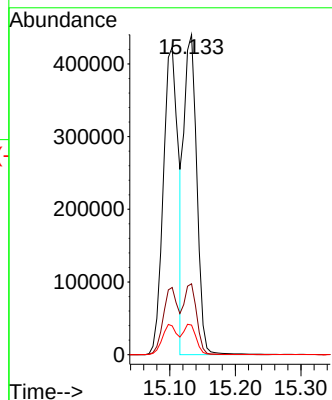
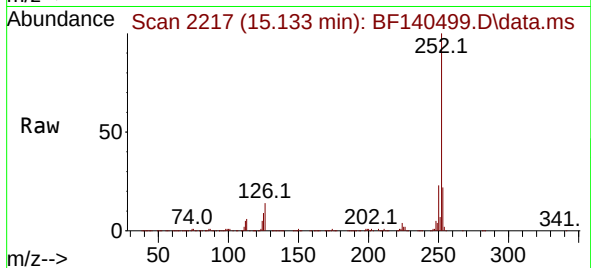
Tgt Ion:252 Resp: 595643

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.155 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.018 min

Lab File: BF140499.D

Acq: 20 Nov 2024 14:34

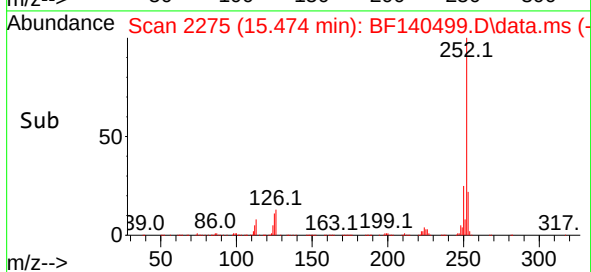
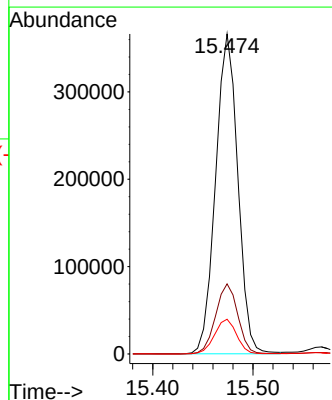
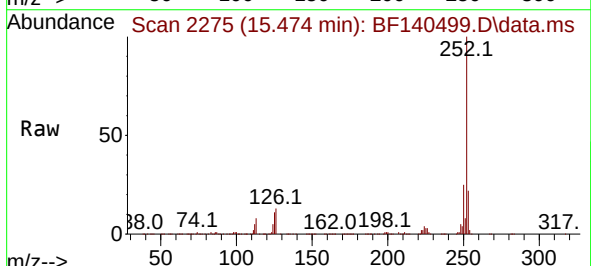
Tgt Ion:252 Resp: 564020

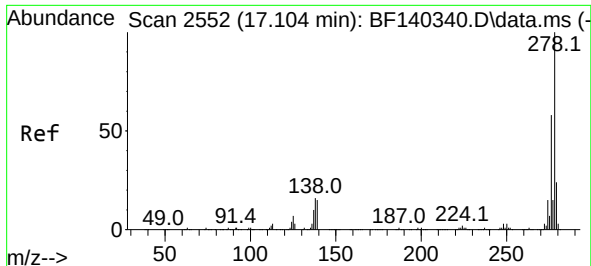
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

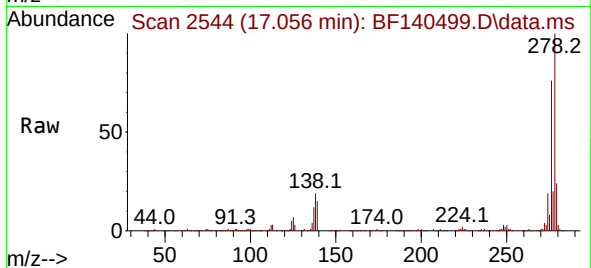
125 10.8 8.4 12.6



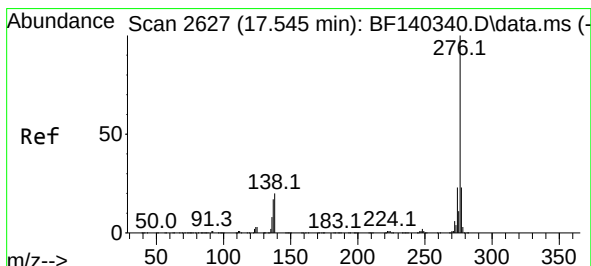
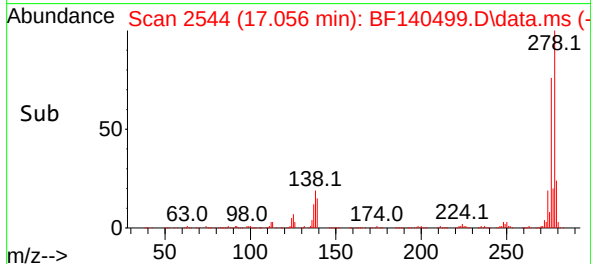
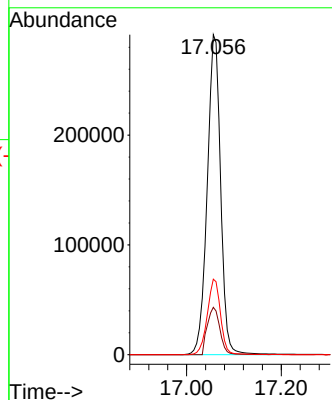


#91
Dibenzo(a,h)anthracene
Concen: 41.637 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:278 Resp: 573556
Ion Ratio Lower Upper
278 100
139 14.8 11.8 17.8
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 41.413 ng
RT: 17.498 min Scan# 2619
Delta R.T. -0.018 min
Lab File: BF140499.D
Acq: 20 Nov 2024 14:34

Tgt Ion:276 Resp: 583216
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 20.3 16.0 24.0

