

Cover Page

Order ID : Q1331

Project ID : Power

Client : G Environmental

Lab Sample Number

Q1331-01

Client Sample Number

MW1R

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

Signature : _____

Date: 2/14/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1331

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAHESH PATEL

Date: 02/14/2025

LAB CHRONICLE

OrderID:	Q1331	OrderDate:	2/7/2025 10:36:56 AM
Client:	G Environmental	Project:	Power
Contact:	Gary Landis	Location:	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1331-01	MW1R	Water	SVOC-TCL BNA -20	8270E	02/06/25	02/10/25	02/13/25	02/07/25
Q1331-01DL	MW1RDL	Water	SVOC-TCL BNA -20	8270E	02/06/25	02/10/25	02/14/25	02/07/25

Hit Summary Sheet SW-846

SDG No.: Q1331
Client: G Environmental

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW1R								
Q1331-01	MW1R	WATER	Acenaphthene	49.800		0.84	5.2	ug/L
Q1331-01	MW1R	WATER	Fluorene	120.000	E	0.99	5.2	ug/L
Q1331-01	MW1R	WATER	Phenanthrene	200.000	E	0.92	5.2	ug/L
Q1331-01	MW1R	WATER	Pyrene	42.700		1.1	5.2	ug/L
Q1331-01	MW1R	WATER	Chrysene	4.000	J	0.89	5.2	ug/L
Q1331-01	MW1R	WATER	Bis(2-ethylhexyl)phthalate	10.700		1.9	5.2	ug/L
Total Svoc :				427.20				
Q1331-01	MW1R	WATER	Cyclohexane, (2-methylpropyl)- *	23.400	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1,2,3-trimethyl- *	2.200	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1,2,3-trimethyl-, (1. *	20.800	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1,3-dimethyl-, cis- *	14.200	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1,4-dimethyl-, cis- *	21.900	J	0	0	ug/L
Q1331-01	MW1R	WATER	Cyclohexane, 1-ethyl-2-methyl- *	6.000	J	0	0	ug/L
Q1331-01	MW1R	WATER	Dodecane, 2,6,11-trimethyl- *	2.900	J	0	0	ug/L
Q1331-01	MW1R	WATER	13-Docosenamide, (Z)- *	60.000	J	0	0	ug/L
Q1331-01	MW1R	WATER	4-Isopropyl-1,3-cyclohexanedione *	46.500	J	0	0	ug/L
Q1331-01	MW1R	WATER	Heptane, 3-ethyl-2-methyl- *	6.000	J	0	0	ug/L
Q1331-01	MW1R	WATER	Isobutyl tetradecyl carbonate *	4.200	J	0	0	ug/L
Q1331-01	MW1R	WATER	Naphthalene, decahydro-, trans- *	21.000	J	0	0	ug/L
Q1331-01	MW1R	WATER	Nonane, 3-methyl- *	20.500	J	0	0	ug/L
Q1331-01	MW1R	WATER	Sulfurous acid, cyclohexylmethyl *	2.400	J	0	0	ug/L
Q1331-01	MW1R	WATER	unknown5.940 *	5.800	J	0	0	ug/L
Q1331-01	MW1R	WATER	unknown6.222 *	12.900	J	0	0	ug/L
Q1331-01	MW1R	WATER	unknown6.851 *	10.900	J	0	0	ug/L
Q1331-01	MW1R	WATER	unknown7.445 *	20.600	J	0	0	ug/L
Q1331-01	MW1R	WATER	Carbonic acid, hexadecyl prop-1-c *	19.800	J	0	0	ug/L
Q1331-01	MW1R	WATER	1-Methylnaphthalene *	52.300	J	0.89	5.2	ug/L
Total Tics :				374.30				
Total Concentration:				801.50				
Client ID : MW1RDL								
Q1331-01DL	MW1RDL	WATER	Acenaphthene	70.800	D	4.2	25.8	ug/L
Q1331-01DL	MW1RDL	WATER	Fluorene	180.000	D	4.9	25.8	ug/L
Q1331-01DL	MW1RDL	WATER	Phenanthrene	280.000	D	4.6	25.8	ug/L
Q1331-01DL	MW1RDL	WATER	Pyrene	74.200	D	5.5	25.8	ug/L
Q1331-01DL	MW1RDL	WATER	Bis(2-ethylhexyl)phthalate	12.100	JD	9.7	25.8	ug/L
Total Svoc :				617.10				



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

Hit Summary Sheet
SW-846

SDG No.: Q1331
Client: G Environmental

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Concentration:		617.10			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB166641BL	PB166641BL	2-Fluorophenol	150	133	89		15 (10)	110 (139)
		Phenol-d6	150	132	88		15 (10)	110 (134)
		Nitrobenzene-d5	100	92.8	93		30 (49)	130 (133)
		2-Fluorobiphenyl	100	93.2	93		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	139	92		15 (44)	110 (137)
		Terphenyl-d14	100	85.4	85		30 (48)	130 (125)
PB166641BS	PB166641BS	2-Fluorophenol	150	126	84		15 (10)	110 (139)
		Phenol-d6	150	125	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.3	88		30 (49)	130 (133)
		2-Fluorobiphenyl	100	88.5	89		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	132	88		15 (44)	110 (137)
		Terphenyl-d14	100	97.3	97		30 (48)	130 (125)
PB166641BSD	PB166641BSD	2-Fluorophenol	150	128	85		15 (10)	110 (139)
		Phenol-d6	150	125	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	87.8	88		30 (49)	130 (133)
		2-Fluorobiphenyl	100	86.6	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	130	86		15 (44)	110 (137)
		Terphenyl-d14	100	93.2	93		30 (48)	130 (125)
Q1331-01	MW1R	2-Fluorophenol	150	37.7	25		15 (10)	110 (139)
		Phenol-d6	150	27.3	18		15 (10)	110 (134)
		Nitrobenzene-d5	100	122	122		30 (49)	130 (133)
		2-Fluorobiphenyl	100	89.0	89		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	162	108		15 (44)	110 (137)
		Terphenyl-d14	100	64.0	64		30 (48)	130 (125)
Q1331-01DL	MW1RDL	2-Fluorophenol	150	37.3	25		15 (10)	110 (139)
		Phenol-d6	150	30.5	20		15 (10)	110 (134)
		Nitrobenzene-d5	100	102	102		30 (49)	130 (133)
		2-Fluorobiphenyl	100	128	128		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	153	102		15 (44)	110 (137)
		Terphenyl-d14	100	96.7	97		30 (48)	130 (125)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

DataFile: BF141555.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB166641BS	Benzaldehyde	50	41.1	ug/L	82				20 (10)	160 (162)	
	Phenol	50	42.2	ug/L	84				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85				70 (62)	130 (103)	
	2-Chlorophenol	50	43.3	ug/L	87				70 (70)	130 (117)	
	2-Methylphenol	50	43.9	ug/L	88				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	42.8	ug/L	86				70 (65)	130 (100)	
	Acetophenone	50	46.2	ug/L	92				70 (60)	130 (104)	
	3+4-Methylphenols	50	43.8	ug/L	88				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86				70 (57)	130 (107)	
	Hexachloroethane	50	43.3	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	42.2	ug/L	84				70 (58)	130 (106)	
	Isophorone	50	47.0	ug/L	94				70 (61)	130 (102)	
	2-Nitrophenol	50	44.0	ug/L	88				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	55.2	ug/L	110				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	43.8	ug/L	88				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	43.8	ug/L	88				70 (66)	130 (115)	
	Naphthalene	50	41.9	ug/L	84				70 (64)	130 (107)	
	4-Chloroaniline	50	24.0	ug/L	48		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.0	ug/L	88				70 (69)	130 (101)	
	Caprolactam	50	49.6	ug/L	99				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	43.5	ug/L	87				70 (65)	130 (114)	
	2-Methylnaphthalene	50	41.5	ug/L	83				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	150	ug/L	150				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	43.7	ug/L	87				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	41.9	ug/L	84				70 (70)	130 (106)	
	1,1-Biphenyl	50	46.7	ug/L	93				70 (72)	130 (98)	
	2-Chloronaphthalene	50	43.0	ug/L	86				70 (59)	130 (106)	
	2-Nitroaniline	50	43.3	ug/L	87				70 (73)	130 (114)	
	Dimethylphthalate	50	43.3	ug/L	87				70 (64)	130 (103)	
	Acenaphthylene	50	45.1	ug/L	90				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	43.8	ug/L	88				70 (64)	130 (110)	
	3-Nitroaniline	50	27.2	ug/L	54		*		70 (28)	130 (100)	
	Acenaphthene	50	42.1	ug/L	84				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	96.1	ug/L	96				20 (36)	160 (166)	
	4-Nitrophenol	100	90.1	ug/L	90				20 (45)	160 (147)	
	Dibenzofuran	50	41.1	ug/L	82				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	44.9	ug/L	90				70 (60)	130 (115)	
	Diethylphthalate	50	42.8	ug/L	86				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	43.2	ug/L	86				70 (61)	130 (104)	
	Fluorene	50	43.1	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	41.6	ug/L	83				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	44.6	ug/L	89				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	43.5	ug/L	87				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	43.5	ug/L	87				70 (73)	130 (103)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

DataFile: BF141555.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB166641BS	Hexachlorobenzene	50	44.5	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	57.6	ug/L	115				70 (76)	130 (120)	
	Pentachlorophenol	100	84.9	ug/L	85				20 (47)	160 (114)	
	Phenanthrene	50	43.7	ug/L	87				70 (62)	130 (109)	
	Anthracene	50	45.0	ug/L	90				70 (65)	130 (110)	
	Carbazole	50	43.1	ug/L	86				70 (62)	130 (106)	
	Di-n-butylphthalate	50	44.7	ug/L	89				70 (64)	130 (106)	
	Fluoranthene	50	43.4	ug/L	87				70 (64)	130 (110)	
	Pyrene	50	44.1	ug/L	88				70 (71)	130 (103)	
	Butylbenzylphthalate	50	48.0	ug/L	96				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	29.3	ug/L	59		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.5	ug/L	87				70 (62)	130 (107)	
	Chrysene	50	42.7	ug/L	85				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	51.4	ug/L	103				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	48.6	ug/L	97				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	43.4	ug/L	87				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	41.0	ug/L	82				70 (77)	130 (105)	
	Benzo(a)pyrene	50	44.9	ug/L	90				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	46.9	ug/L	94				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	46.8	ug/L	94				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	43.6	ug/L	87				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	46.5	ug/L	93				70 (72)	130 (101)	
	1,4-Dioxane	50	39.8	ug/L	80				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	43.4	ug/L	87				70 (63)	130 (116)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

DataFile: BF141556.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB166641BSD	Benzaldehyde	50	41.3	ug/L	83	0			20 (10)	160 (162)	20 (20)
	Phenol	50	41.8	ug/L	84	1			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85	0			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	43.7	ug/L	87	1			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	44.0	ug/L	88	0			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	42.3	ug/L	85	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	45.5	ug/L	91	2			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	43.7	ug/L	87	0			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	43.4	ug/L	87	1			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.6	ug/L	87	1			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	41.4	ug/L	83	2			70 (58)	130 (106)	20 (20)
	Isophorone	50	45.7	ug/L	91	3			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	42.9	ug/L	86	3			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	55.4	ug/L	111	0			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	42.7	ug/L	85	3			70 (66)	130 (115)	20 (20)
	Naphthalene	50	40.7	ug/L	81	3			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	22.8	ug/L	46	5	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	43.0	ug/L	86	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	48.9	ug/L	98	1			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	43.0	ug/L	86	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	40.5	ug/L	81	2			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	150	ug/L	150	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	41.8	ug/L	84	4			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	41.5	ug/L	83	1			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	45.3	ug/L	91	3			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	41.5	ug/L	83	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	42.1	ug/L	84	3			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	42.8	ug/L	86	1			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	43.9	ug/L	88	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	43.9	ug/L	88	0			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	26.7	ug/L	53	2	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	40.8	ug/L	82	3			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	95.3	ug/L	95	1			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	87.1	ug/L	87	3			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	40.6	ug/L	81	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	44.1	ug/L	88	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	42.2	ug/L	84	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	42.3	ug/L	85	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	41.4	ug/L	83	4			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	41.0	ug/L	82	1			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	42.1	ug/L	84	6			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	42.6	ug/L	85	2			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	42.0	ug/L	84	4			70 (73)	130 (103)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1331

Client: G Environmental

Analytical Method: 8270E

DataFile: BF141556.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB166641BSD	Hexachlorobenzene	50	43.7	ug/L	87	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	55.6	ug/L	111	4			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	80.4	ug/L	80	5			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	41.9	ug/L	84	4			70 (62)	130 (109)	20 (20)
	Anthracene	50	43.0	ug/L	86	5			70 (65)	130 (110)	20 (20)
	Carbazole	50	41.8	ug/L	84	3			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	44.0	ug/L	88	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	41.8	ug/L	84	4			70 (64)	130 (110)	20 (20)
	Pyrene	50	42.1	ug/L	84	5			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	47.6	ug/L	95	1			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	29.1	ug/L	58	1	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	42.3	ug/L	85	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	41.8	ug/L	84	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	51.0	ug/L	102	1			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	48.2	ug/L	96	1			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	42.5	ug/L	85	2			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	42.4	ug/L	85	3			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	44.9	ug/L	90	0			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	46.1	ug/L	92	2			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	46.1	ug/L	92	2			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	42.4	ug/L	85	3			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	45.9	ug/L	92	1			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	39.7	ug/L	79	0			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	42.2	ug/L	84	3			70 (63)	130 (116)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166641BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1331

SAS No.: Q1331 SDG NO.: Q1331

Lab File ID: BF141554.D

Lab Sample ID: PB166641BL

Instrument ID: BNA_F

Date Extracted: 02/10/2025

Matrix: (soil/water) Water

Date Analyzed: 02/11/2025

Level: (low/med) LOW

Time Analyzed: 11:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166641BS	PB166641BS	BF141555.D	02/11/2025
PB166641BSD	PB166641BSD	BF141556.D	02/11/2025
MW1R	Q1331-01	BF141623.D	02/13/2025

COMMENTS: _____



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1331SDG NO.: Q1331Lab File ID: BF141471.DDFTPP Injection Date: 02/06/2025Instrument ID: BNA_FDFTPP Injection Time: 10:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.1
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	25.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF141472.D	02/06/2025	11:07
SSTDICC005	SSTDICC005	BF141473.D	02/06/2025	11:34
SSTDICC010	SSTDICC010	BF141474.D	02/06/2025	12:00
SSTDICC020	SSTDICC020	BF141475.D	02/06/2025	12:26
SSTDICCC040	SSTDICCC040	BF141476.D	02/06/2025	12:55
SSTDICC050	SSTDICC050	BF141477.D	02/06/2025	13:21
SSTDICC060	SSTDICC060	BF141478.D	02/06/2025	13:47
SSTDICC080	SSTDICC080	BF141479.D	02/06/2025	14:14



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1331 SDG NO.: Q1331Lab File ID: BF141550.DDFTPP Injection Date: 02/11/2025Instrument ID: BNA_FDFTPP Injection Time: 10:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.4
70	Less than 2.0% of mass 69	0.2 (0.7) 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	6.7
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	15.6 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141551.D	02/11/2025	10:28
PB166641BL	PB166641BL	BF141554.D	02/11/2025	11:47
PB166641BS	PB166641BS	BF141555.D	02/11/2025	12:13
PB166641BSD	PB166641BSD	BF141556.D	02/11/2025	12:39



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1331 SDG NO.: Q1331Lab File ID: BF141602.DDFTPP Injection Date: 02/13/2025Instrument ID: BNA_FDFTPP Injection Time: 09:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.6
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	34.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.3
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	6.5
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141603.D	02/13/2025	10:07
MW1R	Q1331-01	BF141623.D	02/13/2025	19:01



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1331 SDG NO.: Q1331Lab File ID: BF141638.DDFTPP Injection Date: 02/14/2025Instrument ID: BNA_FDFTPP Injection Time: 14:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.8
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.5) 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	6.9
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	15.6 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141639.D	02/14/2025	15:04
MW1RDL	Q1331-01DL	BF141648.D	02/14/2025	19:08

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/11/2025

Lab File ID: BF141551.D Time Analyzed: 10:28

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	100982	6.793	399334	8.08	220290	9.83
UPPER LIMIT	201964	7.293	798668	8.575	440580	10.328
LOWER LIMIT	50491	6.293	199667	7.575	110145	9.328
EPA SAMPLE NO.						
01 PB166641BL	97044	6.79	390720	8.07	219692	9.82
02 PB166641BS	98554	6.79	391258	8.07	220324	9.83
03 PB166641BSD	100463	6.79	407334	8.07	229450	9.83

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/11/2025

Lab File ID: BF141551.D Time Analyzed: 10:28

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	380364	11.31	221485	13.957	189149	15.41
UPPER LIMIT	760728	11.81	442970	14.457	378298	15.91
LOWER LIMIT	190182	10.81	110743	13.457	94574.5	14.91
EPA SAMPLE NO.						
01 PB166641BL	401003	11.31	328820	13.95	255232	15.40
02 PB166641BS	382864	11.32	259250	13.96	202543	15.40
03 PB166641BSD	402356	11.32	278936	13.96	208701	15.40

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/13/2025

Lab File ID: BF141603.D Time Analyzed: 10:07

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	101199	6.787	394924	8.07	212437	9.83
UPPER LIMIT	202398	7.287	789848	8.569	424874	10.328
LOWER LIMIT	50599.5	6.287	197462	7.569	106219	9.328
EPA SAMPLE NO.						
01 MW1R	71628	6.79	196997 *	8.09	75171 *	9.93

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/13/2025

Lab File ID: BF141603.D Time Analyzed: 10:07

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	363954	11.31	215290	13.951	184975	15.41
UPPER LIMIT	727908	11.81	430580	14.451	369950	15.91
LOWER LIMIT	181977	10.81	107645	13.451	92487.5	14.91
EPA SAMPLE NO.						
01 MW1R	109475 *	11.43	177815	13.97	197579	15.40

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/14/2025

Lab File ID: BF141639.D Time Analyzed: 15:04

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	108299	6.787	422251	8.07	233877	9.82
UPPER LIMIT	216598	7.287	844502	8.569	467754	10.322
LOWER LIMIT	54149.5	6.287	211126	7.569	116939	9.322
EPA SAMPLE NO.						
01 MW1RDL	69665	6.79	254515	8.08	116077 *	9.85

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.: Q1331 SAS No.: Q1331 SDG NO.: Q1331

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/14/2025

Lab File ID: BF141639.D Time Analyzed: 15:04

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	392888	11.31	250652	13.951	201903	15.421
UPPER LIMIT	785776	11.81	501304	14.451	403806	15.921
LOWER LIMIT	196444	10.81	125326	13.451	100952	14.921
EPA SAMPLE NO.						
01 MW1RDL	175889 *	11.34	138765	13.95	158981	15.40

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.3	ug/L
108-95-2	Phenol	0.96	U	0.96	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.20	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.20	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.20	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.60	U	1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.10	U	1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
106-47-8	4-Chloroaniline	1.30	UQ	1.30	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	5.20	U	5.20	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.20	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	5.20	ug/L
91-58-7	2-Chloronaphthalene	1.00	U	1.00	5.20	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	5.20	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	5.20	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.10	U	1.10	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
99-09-2	3-Nitroaniline	1.40	UQ	1.40	5.20	ug/L
83-32-9	Acenaphthene	49.8		0.84	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.3	ug/L
100-02-7	4-Nitrophenol	2.10	U	2.10	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.20	ug/L
86-73-7	Fluorene	120	E	0.99	5.20	ug/L
100-01-6	4-Nitroaniline	2.10	U	2.10	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
1912-24-9	Atrazine	1.30	U	1.30	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.3	ug/L
85-01-8	Phenanthrene	200	E	0.92	5.20	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	42.7		1.10	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.20	U	2.20	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	UQ	1.30	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	5.20	ug/L
218-01-9	Chrysene	4.00	J	0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.7		1.90	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.20	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	37.7		15 (10) - 110 (139)	25%	SPK: 150
13127-88-3	Phenol-d6	27.3		15 (10) - 110 (134)	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	122		30 (49) - 130 (133)	122%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.0		30 (52) - 130 (132)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		15 (44) - 110 (137)	108%	SPK: 150
1718-51-0	Terphenyl-d14	64.0		30 (48) - 130 (125)	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	71600	6.793			
1146-65-2	Naphthalene-d8	197000	8.087			
15067-26-2	Acenaphthene-d10	75200	9.934			
1517-22-2	Phenanthrene-d10	109000	11.428			
1719-03-5	Chrysene-d12	178000	13.974			
1520-96-3	Perylene-d12	198000	15.404			
TENTATIVE IDENTIFIED COMPOUNDS						
001678-97-3	Cyclohexane, 1,2,3-trimethyl-	2.20	J		5.55	ug/L
1010309-21-6	Sulfurous acid, cyclohexylmethyl h	2.40	J		5.64	ug/L
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	6.00	J		5.80	ug/L
959275-58-2	Isobutyl tetradecyl carbonate	4.20	J		5.85	ug/L
	unknown5.940	5.80	J		5.94	ug/L
031295-56-4	Dodecane, 2,6,11-trimethyl-	2.90	J		5.99	ug/L
005911-04-6	Nonane, 3-methyl-	20.5	J		6.03	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1R	SDG No.:	Q1331
Lab Sample ID:	Q1331-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 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
BF141623.D	1	02/10/25 08:35	02/13/25 19:01	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
014676-29-0	Heptane, 3-ethyl-2-methyl-unknown6.222	6.00	J		6.09	ug/L
		12.9	J		6.22	ug/L
001678-81-5	Cyclohexane, 1,2,3-trimethyl-, (1.	20.8	J		6.32	ug/L
000624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	21.9	J		6.53	ug/L
000638-04-0	Cyclohexane, 1,3-dimethyl-, cis-unknown6.851	14.2	J		6.65	ug/L
		10.9	J		6.85	ug/L
1000382-90-3	Carbonic acid, hexadecyl prop-1-en	19.8	J		6.92	ug/L
001678-98-4	Cyclohexane, (2-methylpropyl)-	23.4	J		6.95	ug/L
062831-62-3	4-Isopropyl-1,3-cyclohexanedione	46.5	J		7.06	ug/L
000493-02-7	Naphthalene, decahydro-, trans-unknown7.445	21.0	J		7.19	ug/L
		20.6	J		7.45	ug/L
90-12-0	1-Methylnaphthalene	52.3	J		8.97	ug/L
000112-84-5	13-Docosenamide, (Z)-	60.0	J		14.7	ug/L

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\BF021325\
 Data File : BF141623.D
 Acq On : 13 Feb 2025 19:01
 Operator : RC/JU
 Sample : Q1331-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1R

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :mohammad ahmed 02/15/2025

Quant Time: Feb 15 00:07:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	71628	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	196997	20.000	ng	# 0.01
39) Acenaphthene-d10	9.934	164	75171	20.000	ng	# 0.10
64) Phenanthrene-d10	11.428	188	109475	20.000	ng	# 0.11
76) Chrysene-d12	13.974	240	177815	20.000	ng	# 0.01
86) Perylene-d12	15.404	264	197579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	172131	37.675	ng	-0.01
7) Phenol-d6	6.428	99	157584	27.289	ng	-0.01
23) Nitrobenzene-d5	7.357	82	460338	121.882	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	122597	162.353	ng	0.11
45) 2-Fluorobiphenyl	9.228	172	434024	88.954	ng	0.08
79) Terphenyl-d14	12.963	244	674235	64.012	ng	0.06
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.969	142	327788	50.718	ng	# 58
52) Acenaphthene	9.969	154	208149	48.302	ng	# 43
58) Fluorene	10.492	166	588051	120.238	ng	# 56
71) Phenanthrene	11.457	178	1156013	191.834	ng	# 76
78) Pyrene	12.839	202	626864m	41.413	ng	
83) Chrysene	13.992	228	41826m	3.832	ng	
84) Bis(2-ethylhexyl)phtha...	13.939	149	61337	10.373	ng	# 86

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

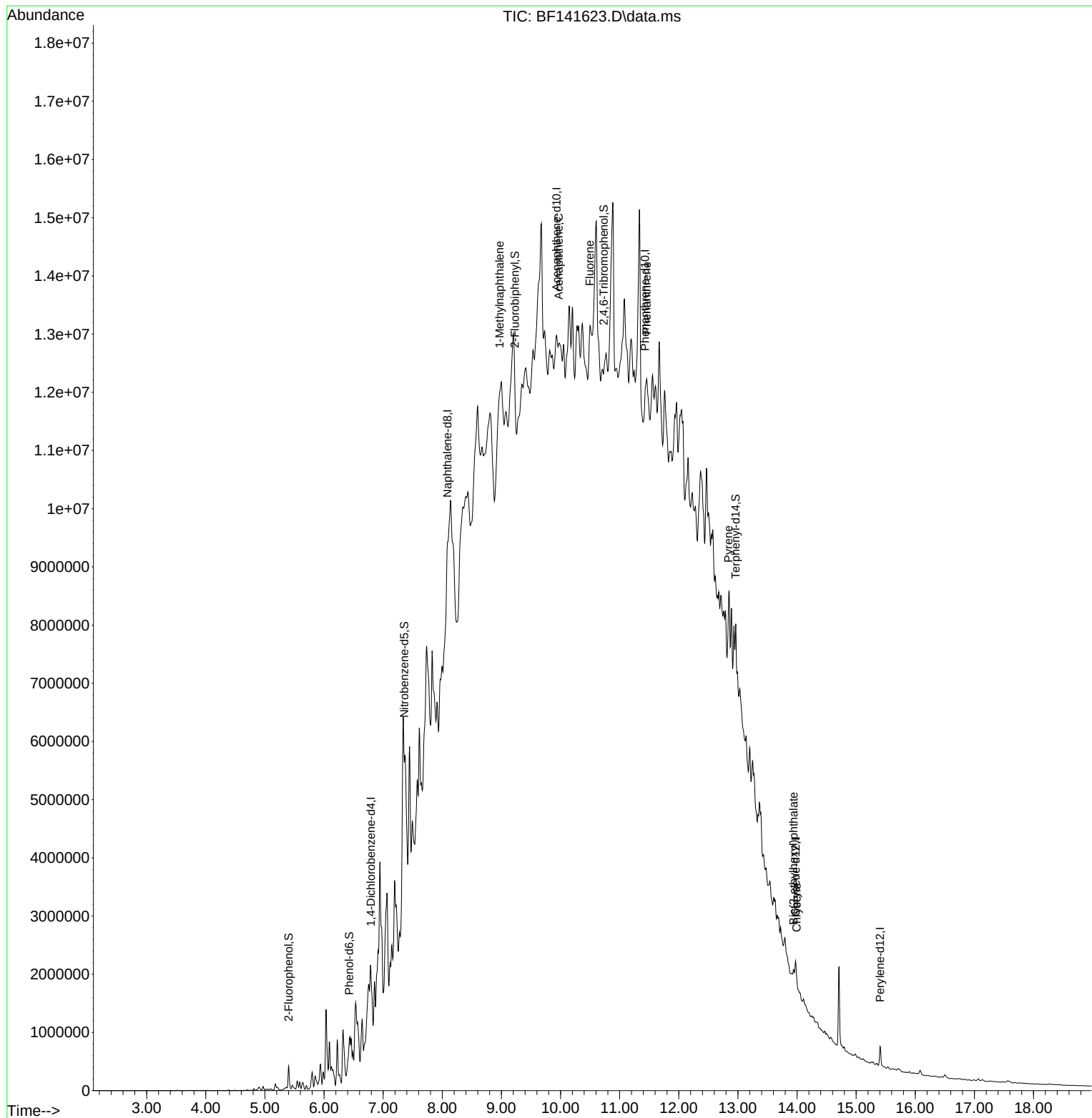
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Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

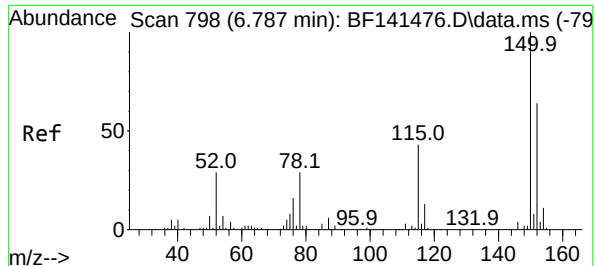
Instrument :
BNA_F
ClientSampleId :
MW1R

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

Quant Time: Feb 15 00:07:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration





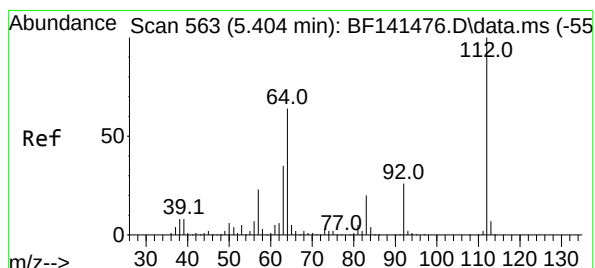
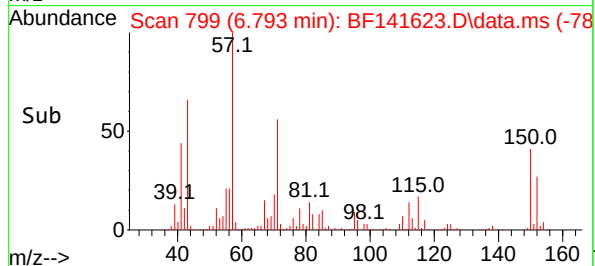
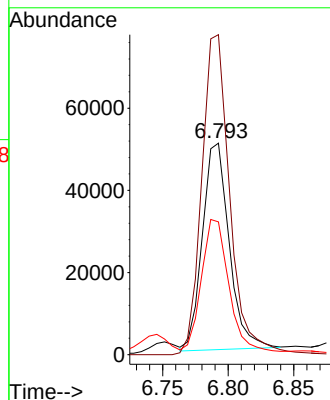
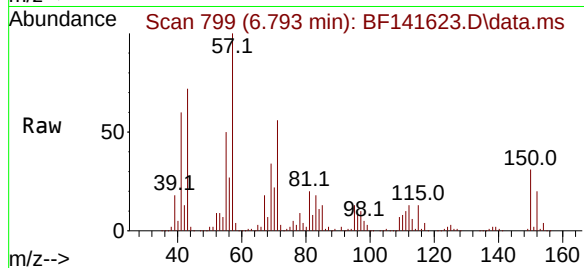
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 798
Delta R.T. 0.001 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Instrument :
BNA_F
ClientSampleId :
MW1R

Tgt Ion:152 Resp: 71628
Ion Ratio Lower Upper
152 100
150 151.3 125.0 187.4
115 62.8 53.6 80.4

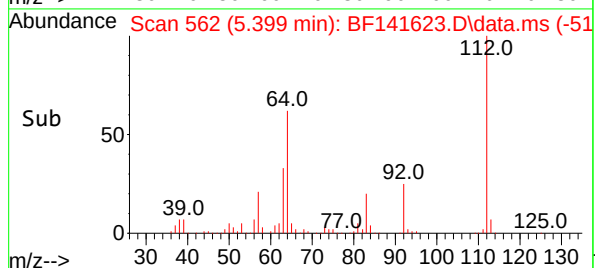
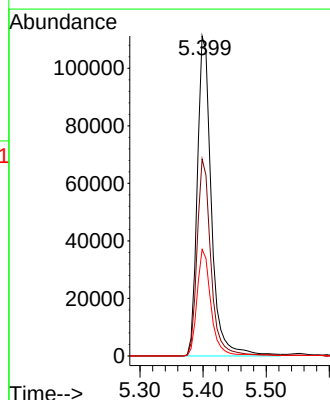
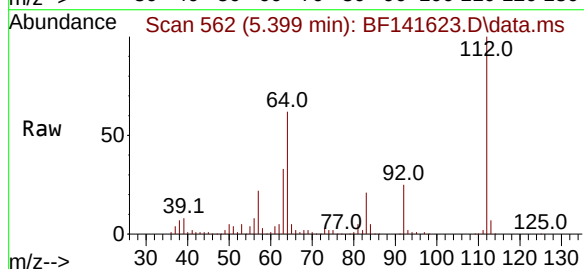
Manual Integrations
APPROVED

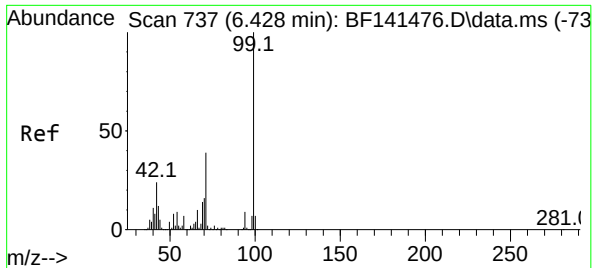
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025



#5
2-Fluorophenol
Concen: 37.675 ng
RT: 5.399 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

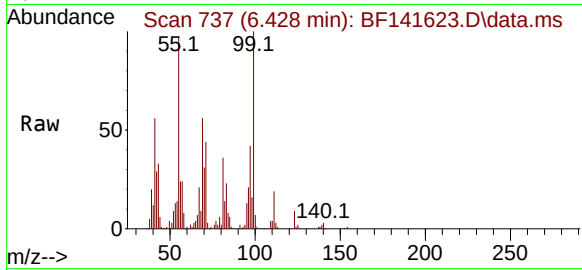
Tgt Ion:112 Resp: 172131
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.3 28.4 42.6





#7
Phenol-d6
Concen: 27.289 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

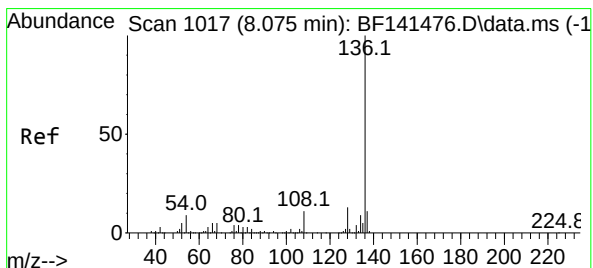
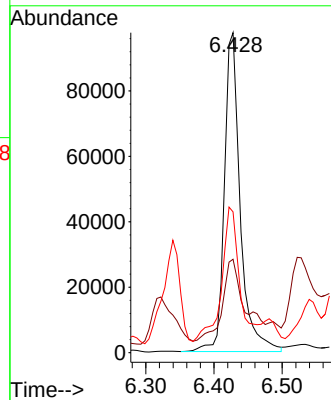
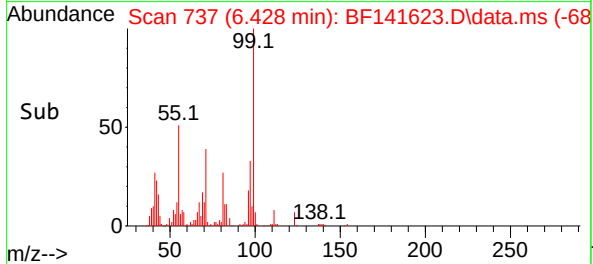
Instrument :
BNA_F
ClientSampleId :
MW1R



Tgt Ion: 99 Resp: 157584
Ion Ratio Lower Upper
99 100
42 29.2 19.1 28.7
71 44.0 31.1 46.7

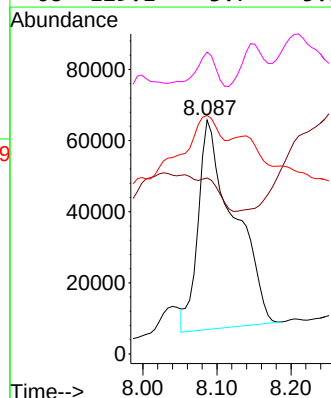
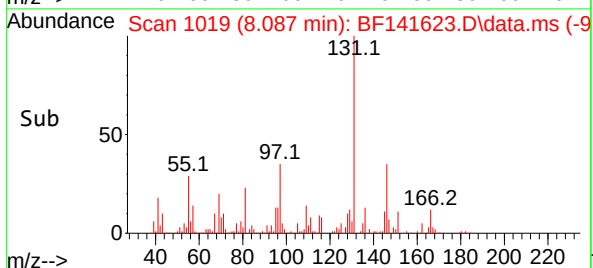
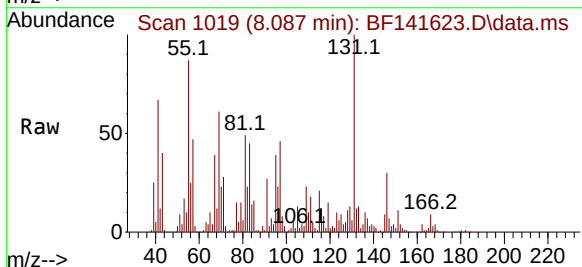
Manual Integrations
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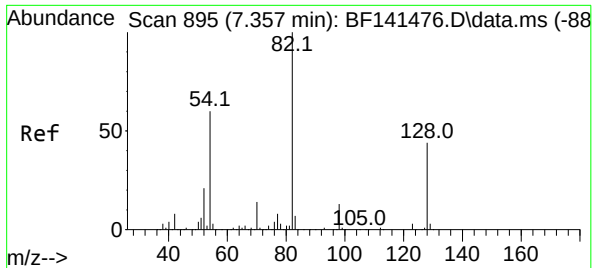
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

Tgt Ion:136 Resp: 196997
Ion Ratio Lower Upper
136 100
137 75.2 8.6 13.0#
54 102.0 7.2 10.8#
68 129.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 121.882 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion: 82 Resp: 460338

Ion Ratio Lower Upper

82 100

128 37.6 34.8 52.2

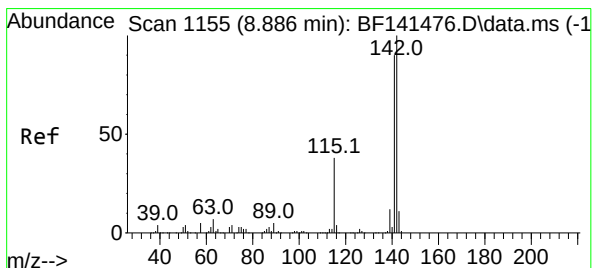
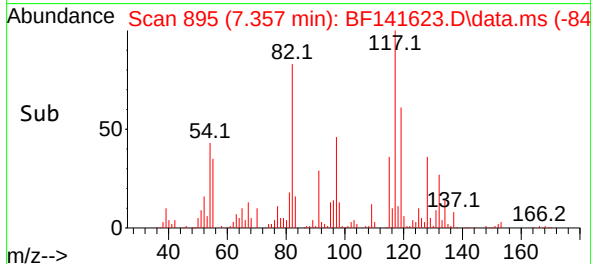
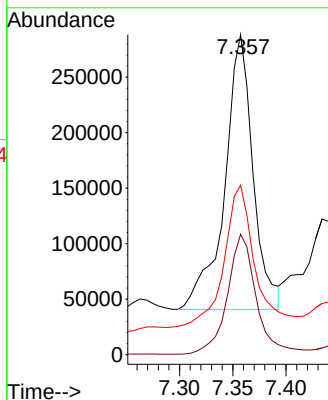
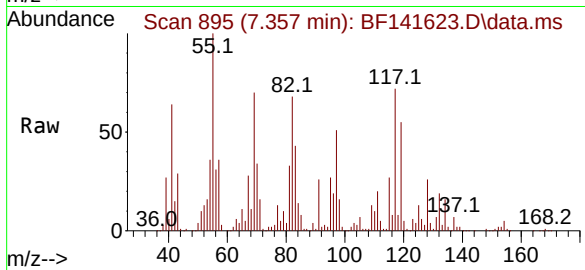
54 52.9 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#38

1-Methylnaphthalene

Concen: 50.718 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.083 min

Lab File: BF141623.D

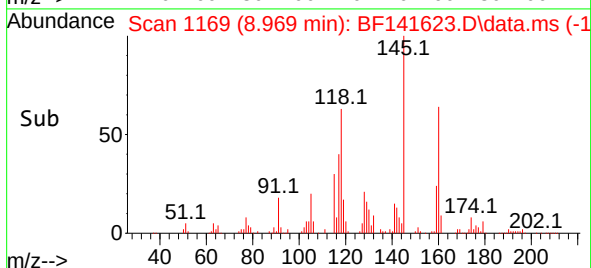
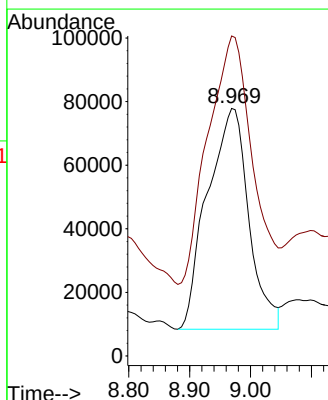
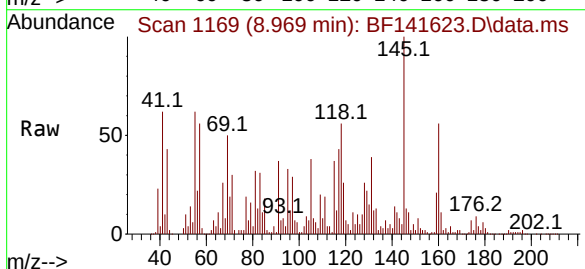
Acq: 13 Feb 2025 19:01

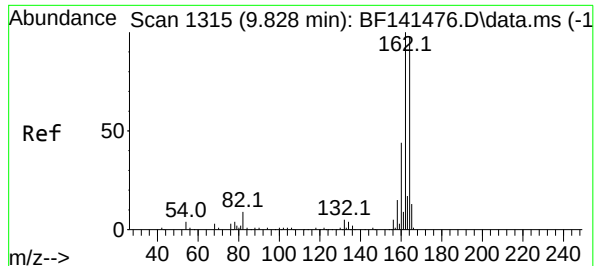
Tgt Ion:142 Resp: 327788

Ion Ratio Lower Upper

142 100

141 129.3 72.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 11

Delta R.T. 0.100 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:164 Resp: 7517

Ion Ratio Lower Upper

164 100

162 75.1 81.3 121.9

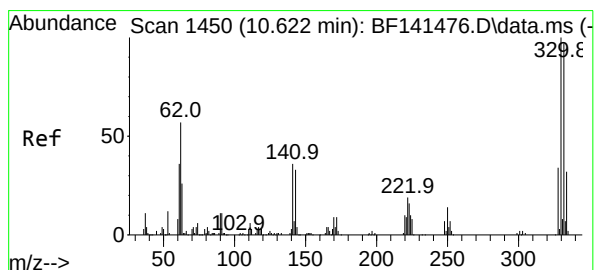
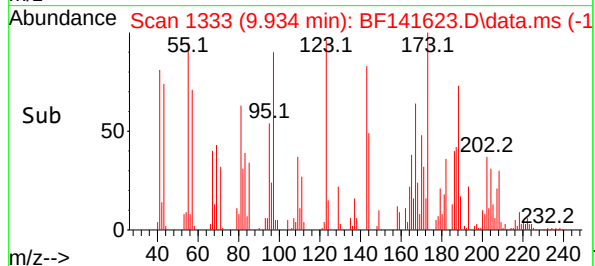
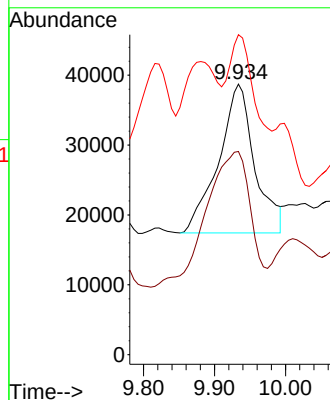
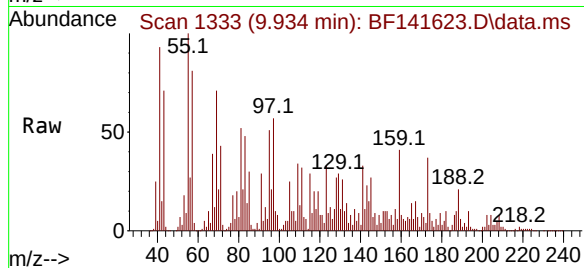
160 118.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#42

2,4,6-Tribromophenol

Concen: 162.353 ng

RT: 10.733 min Scan# 1469

Delta R.T. 0.106 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

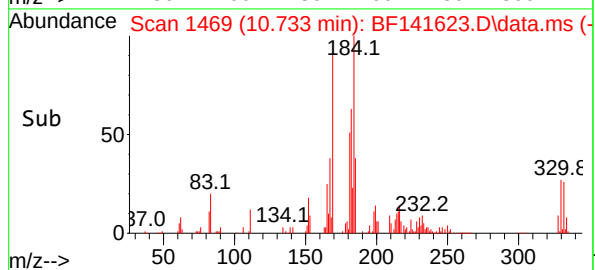
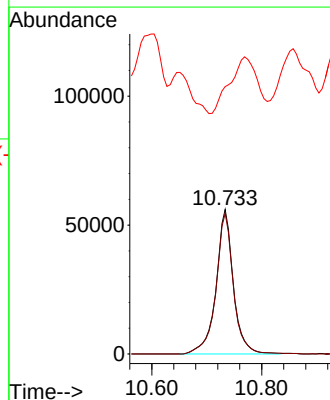
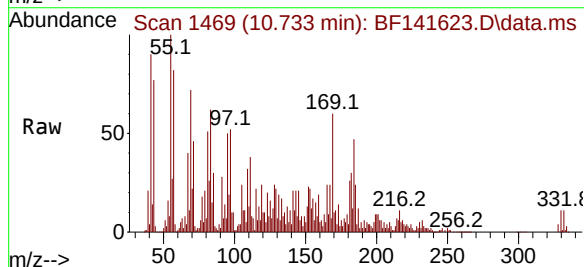
Tgt Ion:330 Resp: 122597

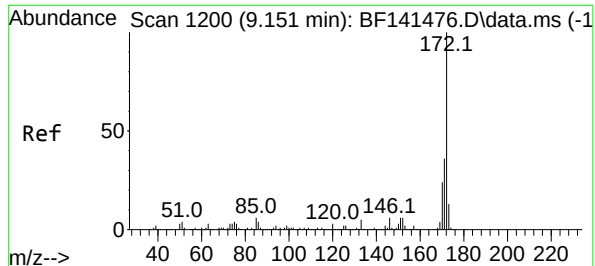
Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

141 0.0 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 88.954 ng

RT: 9.228 min Scan# 11

Delta R.T. 0.077 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:172 Resp: 434024

Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

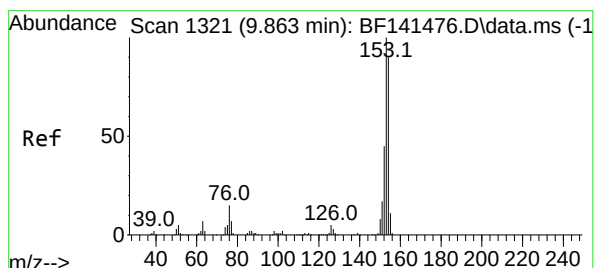
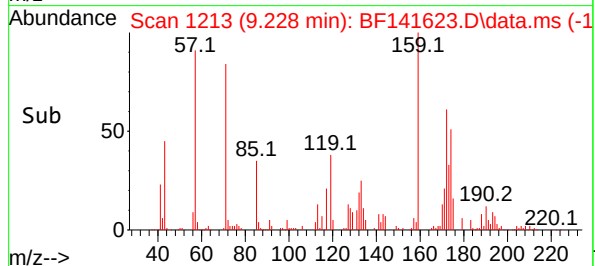
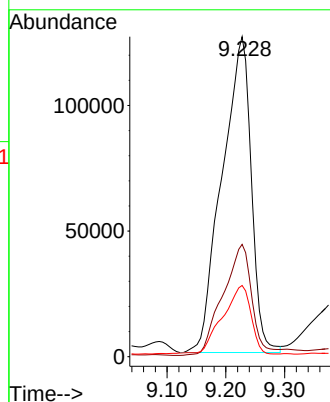
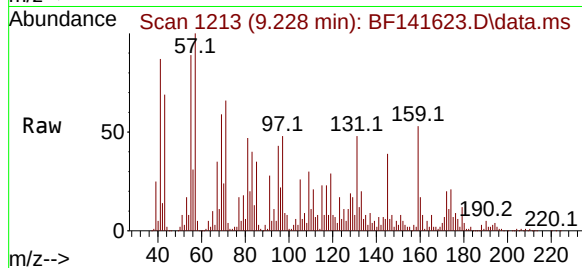
170 22.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#52

Acenaphthene

Concen: 48.302 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.100 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

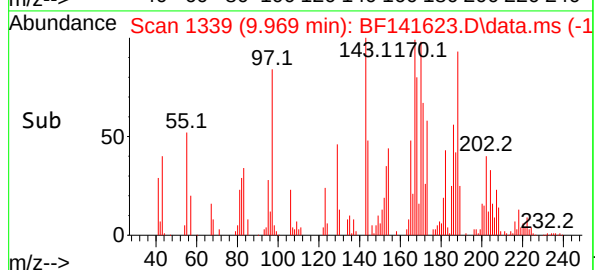
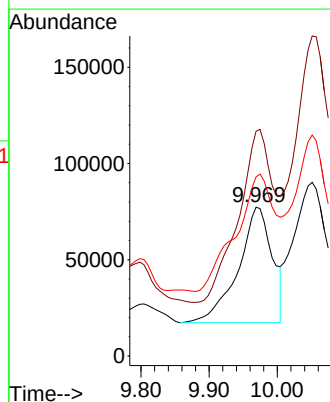
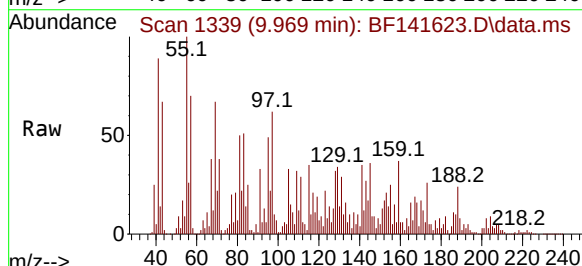
Tgt Ion:154 Resp: 208149

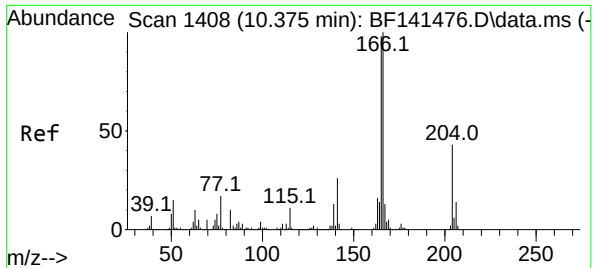
Ion Ratio Lower Upper

154 100

153 150.9 89.2 133.8#

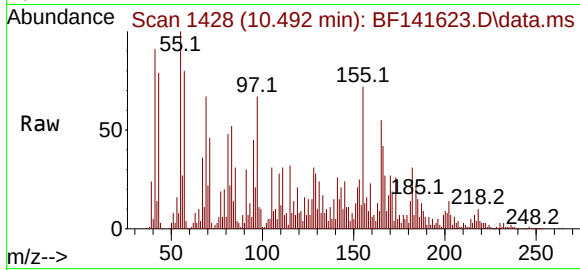
152 120.3 39.8 59.8#





#58
Fluorene
Concen: 120.238 ng
RT: 10.492 min Scan# 1408
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

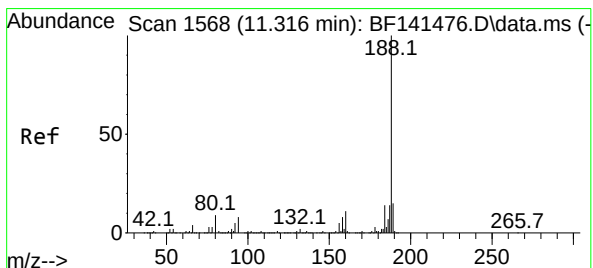
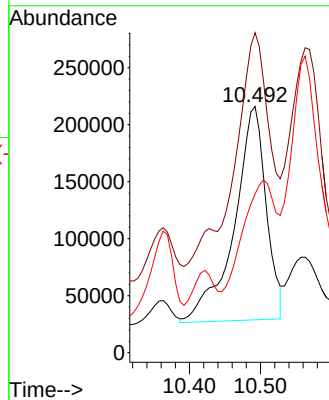
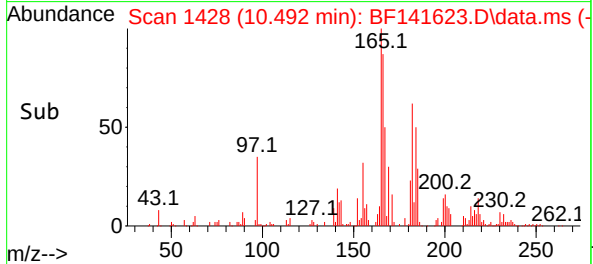
Instrument :
BNA_F
ClientSampleId :
MW1R



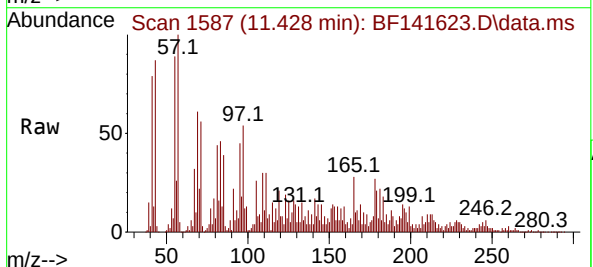
Tgt Ion:166 Resp: 58805
Ion Ratio Lower Upper
166 100
165 130.0 78.2 117.2
167 64.5 10.7 16.1

Manual Integrations
APPROVED

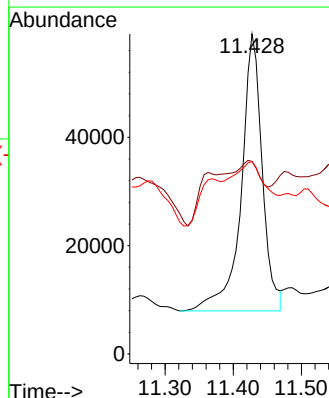
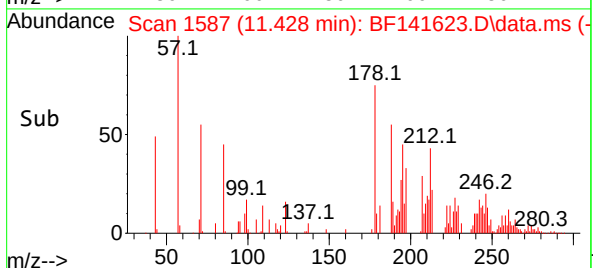
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

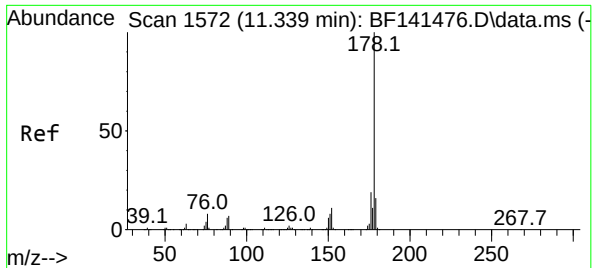


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01



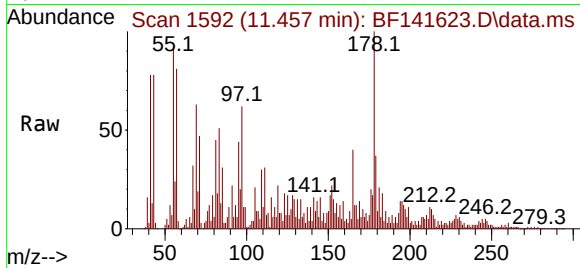
Tgt Ion:188 Resp: 109475
Ion Ratio Lower Upper
188 100
94 60.2 6.6 10.0#
80 60.1 7.3 10.9#





#71
Phenanthrene
Concen: 191.834 ng
RT: 11.457 min Scan# 115601
Delta R.T. 0.112 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

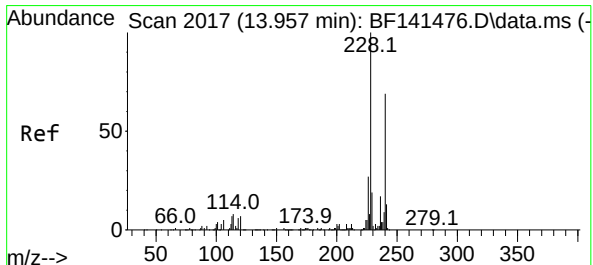
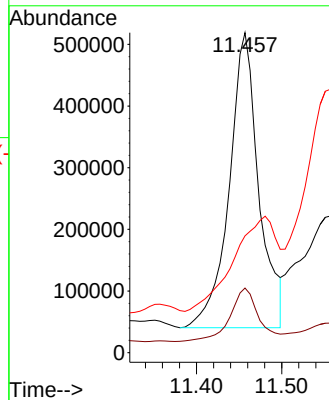
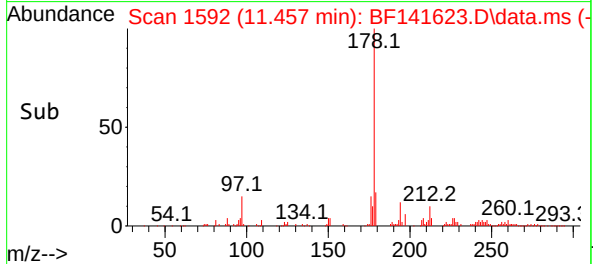
Instrument :
BNA_F
ClientSampleId :
MW1R



Tgt Ion:178 Resp: 115601
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.0
179 36.5 12.4 18.6

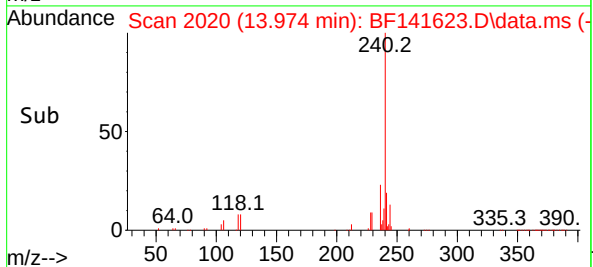
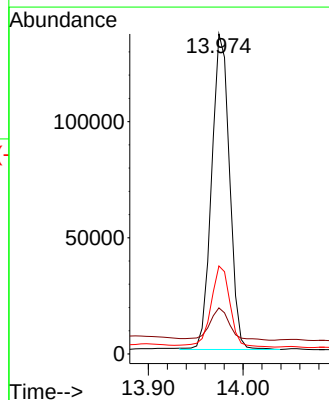
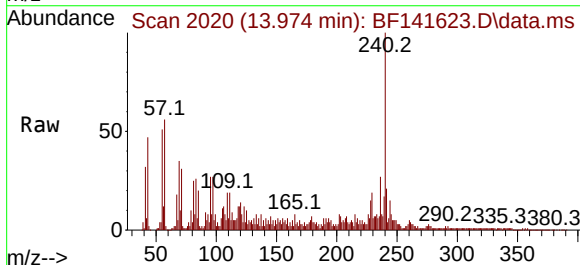
Manual Integrations
APPROVED

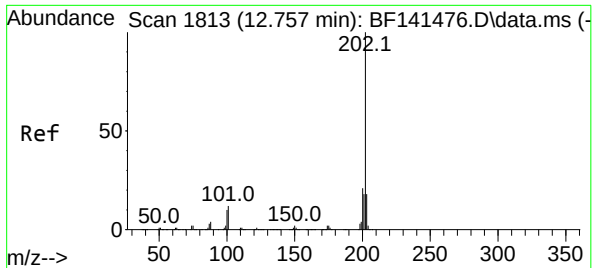
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

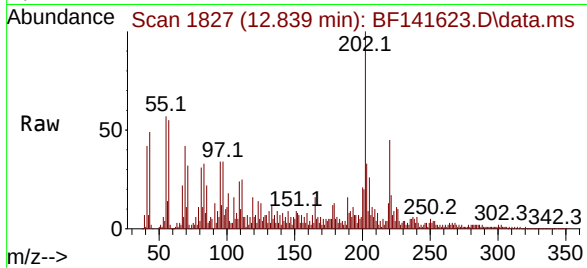
Tgt Ion:240 Resp: 177815
Ion Ratio Lower Upper
240 100
120 14.4 8.0 12.0#
236 27.5 19.8 29.8





#78
Pyrene
Concen: 41.413 ng m
RT: 12.839 min Scan# 1827
Delta R.T. 0.077 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01

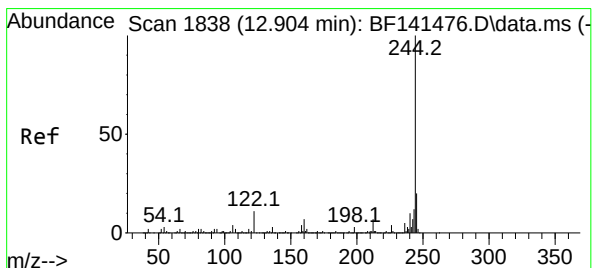
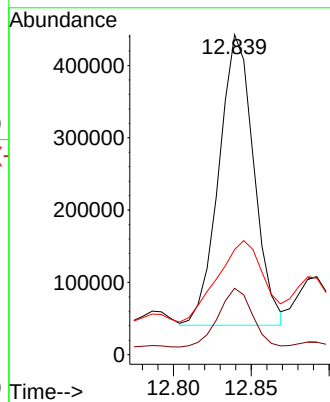
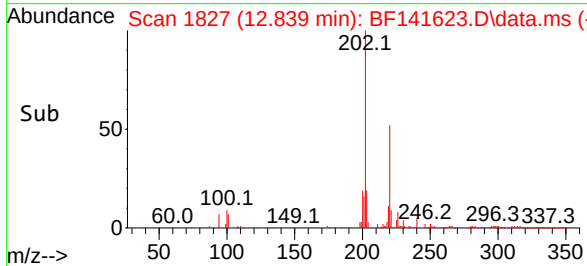
Instrument :
BNA_F
ClientSampleId :
MW1R



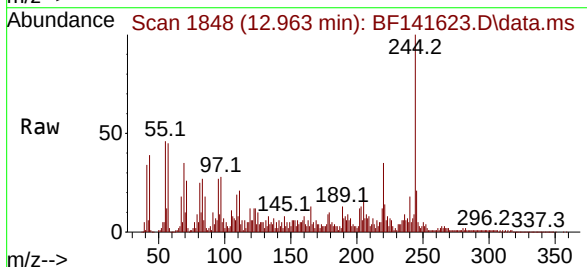
Tgt Ion:202 Resp: 626864
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 32.8 14.3 21.5

Manual Integrations
APPROVED

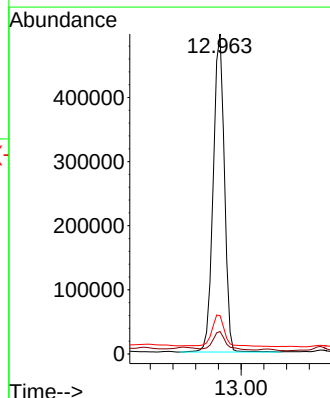
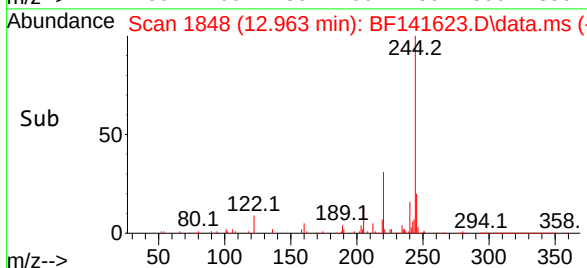
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :mohammad ahmed 02/15/2025

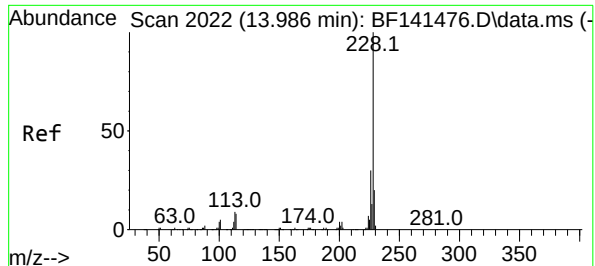


#79
Terphenyl-d14
Concen: 64.012 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.059 min
Lab File: BF141623.D
Acq: 13 Feb 2025 19:01



Tgt Ion:244 Resp: 674235
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 12.0 8.4 12.6





#83

Chrysene

Concen: 3.832 ng m

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R

Tgt Ion:228 Resp: 41820

Ion Ratio Lower Upper

228 100

226 45.9 24.0 36.0#

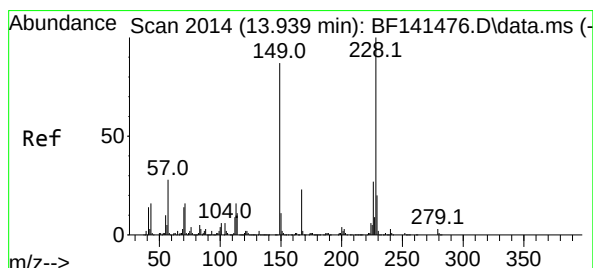
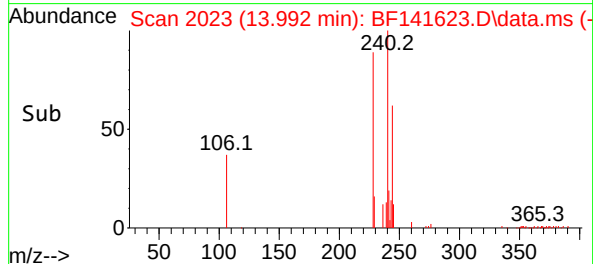
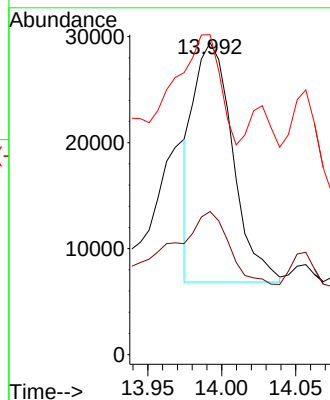
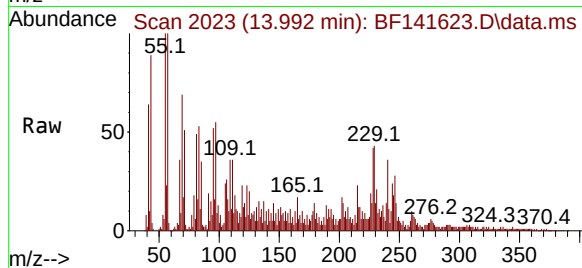
229 102.6 15.7 23.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.373 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141623.D

Acq: 13 Feb 2025 19:01

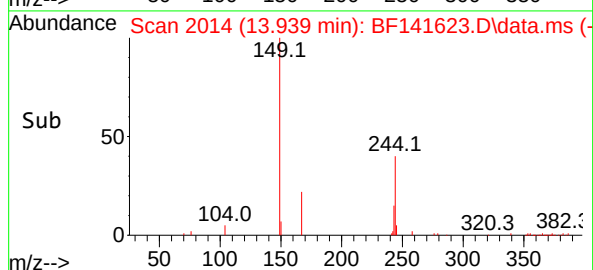
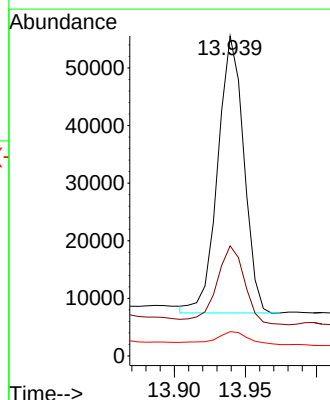
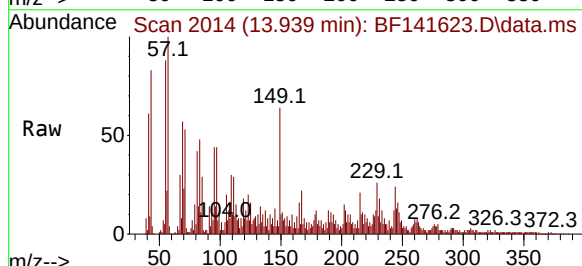
Tgt Ion:149 Resp: 61337

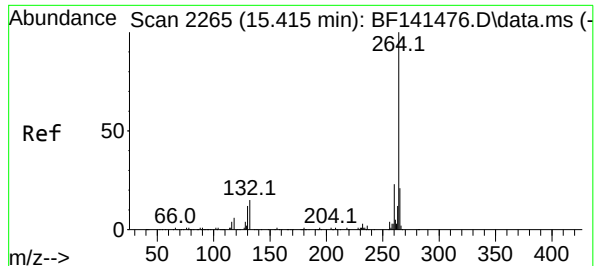
Ion Ratio Lower Upper

149 100

167 34.4 21.4 32.0#

279 7.6 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141623.D

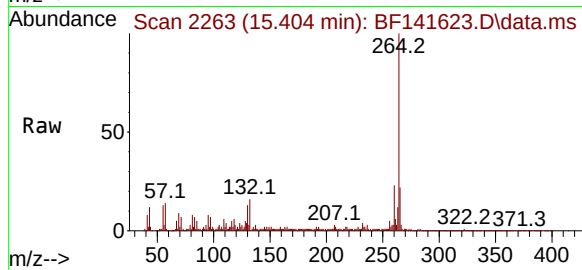
Acq: 13 Feb 2025 19:01

Instrument :

BNA_F

ClientSampleId :

MW1R



Tgt Ion:264 Resp: 197579

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

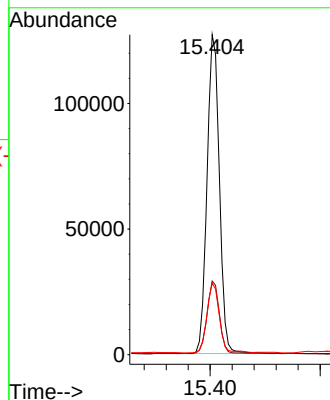
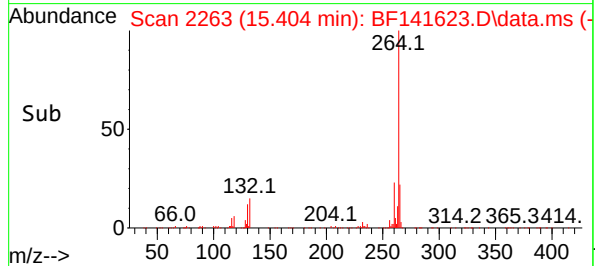
265 22.3 17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :mohammad ahmed 02/15/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141623.D
 Acq On : 13 Feb 2025 19:01
 Operator : RC/JU
 Sample : Q1331-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1R

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141623.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	467	477	485	rBV2	54737	146475	1.98%	0.327%
2	5.175	519	524	528	rBV	106213	175535	2.37%	0.392%
3	5.399	558	562	569	rVB	390458	562758	7.59%	1.256%
4	5.546	582	587	591	rBV3	136497	221588	2.99%	0.495%
5	5.640	598	603	609	rVB3	120103	248831	3.36%	0.556%
6	5.799	618	630	634	rBV3	298660	608615	8.21%	1.359%
7	5.851	634	639	646	rBV3	185152	427186	5.76%	0.954%
8	5.940	646	654	658	rBV4	348200	593891	8.01%	1.326%
9	5.987	658	662	665	rBV	199631	300260	4.05%	0.670%
10	6.034	665	670	676	rBV	1197306	2085386	28.12%	4.656%
11	6.093	676	680	683	rVB	476084	608432	8.20%	1.358%
12	6.222	697	702	707	rBV2	777452	1313157	17.71%	2.932%
13	6.322	714	719	727	rBV3	912699	2121263	28.60%	4.736%
14	6.434	728	738	740	rBV4	662154	1606247	21.66%	3.586%
15	6.534	750	755	759	rBV4	987955	2231292	30.09%	4.982%
16	6.646	768	774	778	rBV5	732647	1444287	19.47%	3.225%
17	6.757	784	793	795	rBV5	917284	2395799	32.30%	5.349%
18	6.787	795	798	805	rVB4	1042536	2099655	28.31%	4.688%
19	6.851	805	809	812	rBV	763086	1108178	14.94%	2.474%
20	6.916	812	820	821	rBV3	971244	2012929	27.14%	4.494%
21	6.946	821	825	829	rBV3	1575681	2386126	32.17%	5.328%
22	7.063	836	845	851	rBV4	1673757	4732919	63.82%	10.567%
23	7.193	863	867	870	rBV3	1287819	2136630	28.81%	4.771%
24	7.340	886	892	895	rBV3	3417786	7416197	100.00%	16.558%
25	7.445	906	910	914	rBV3	1871096	2883608	38.88%	6.438%
26	14.710	2140	2145	2157	rVB	1402367	2173868	29.31%	4.854%
27	15.404	2259	2263	2281	rVB	373846	747051	10.07%	1.668%

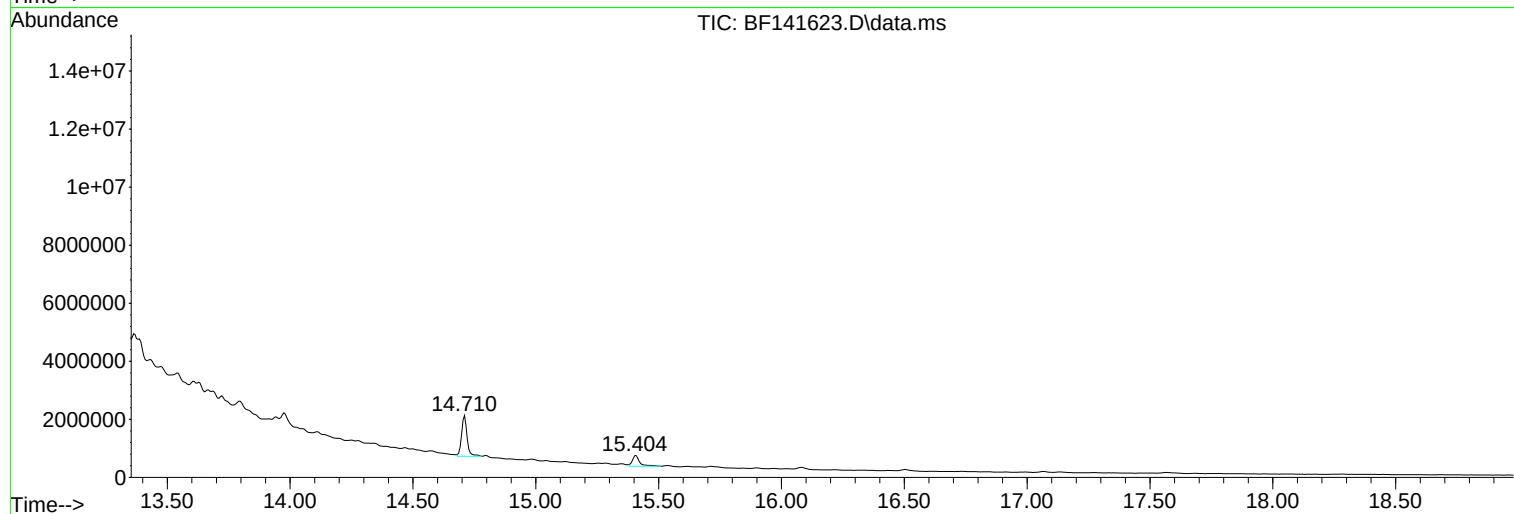
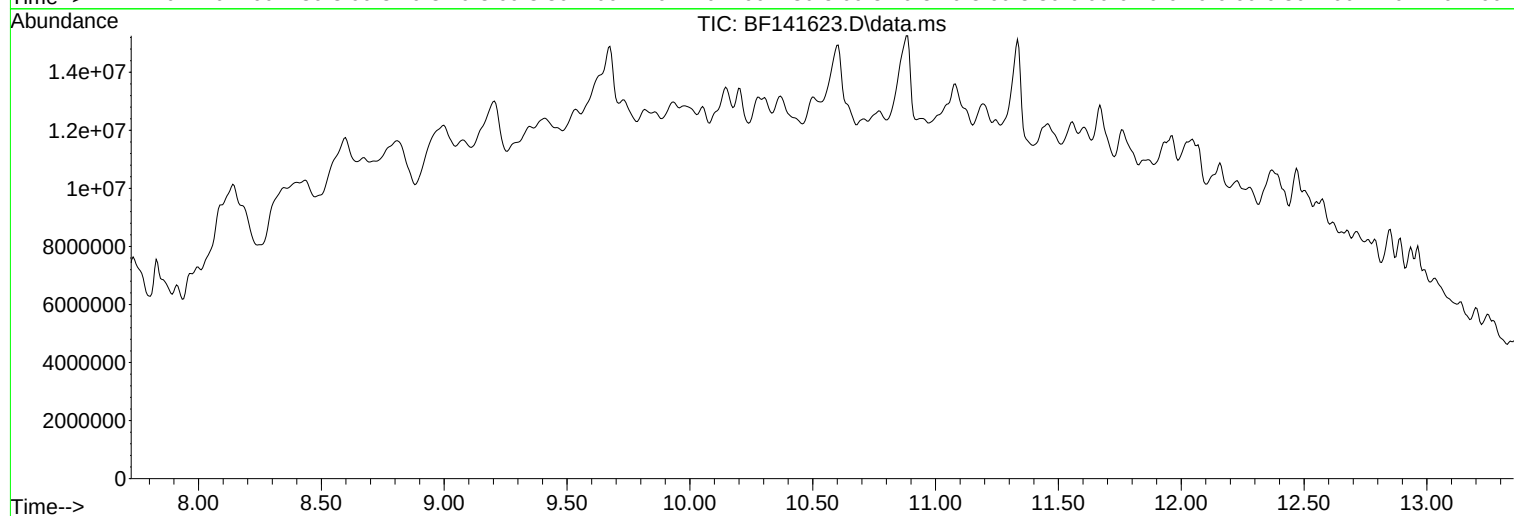
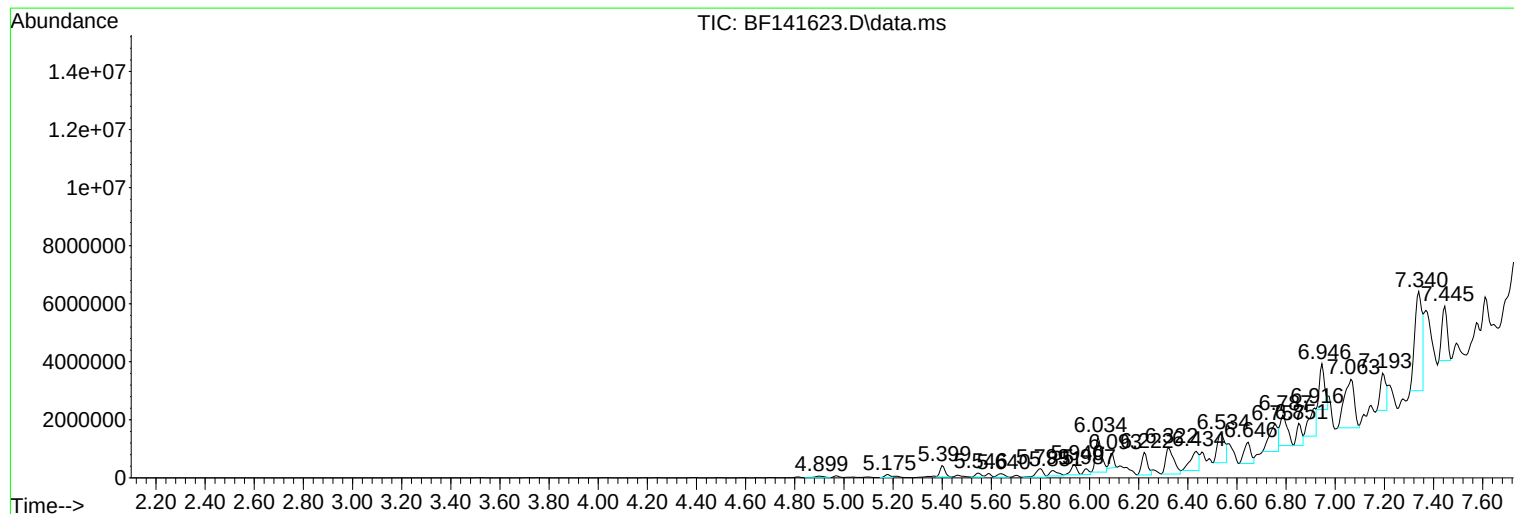
Sum of corrected areas: 44788163

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

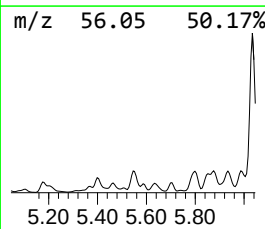
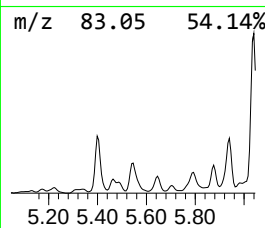
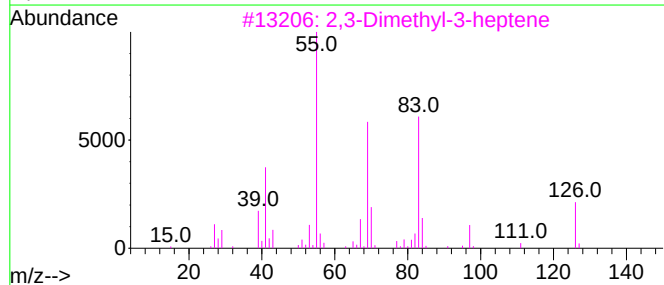
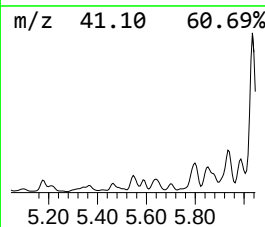
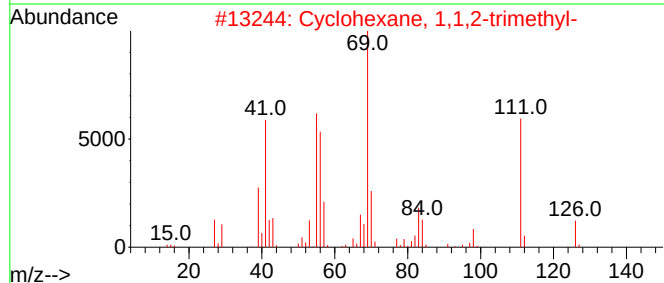
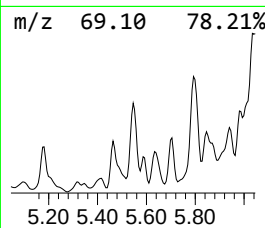
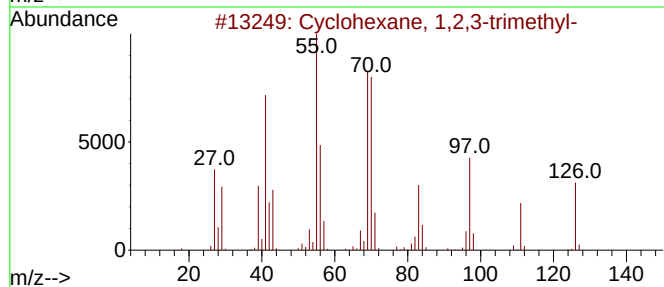
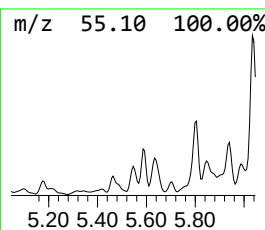
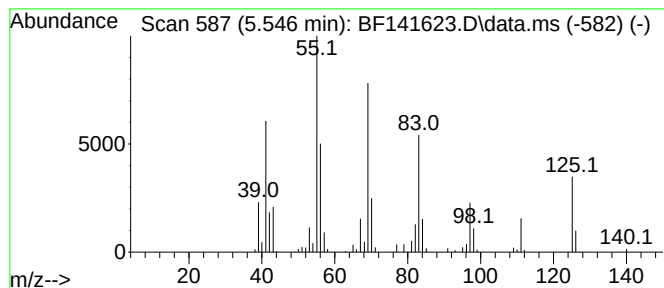
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.546	2.11 ng	221588	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
3			2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	52
4			Cyclopentane, butyl-	126	C9H18	002040-95-1	50
5			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

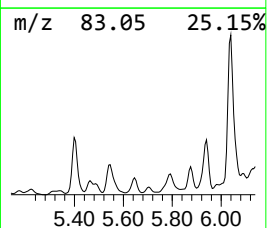
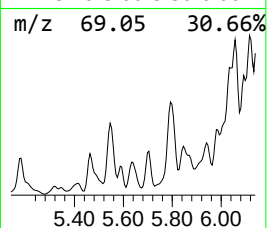
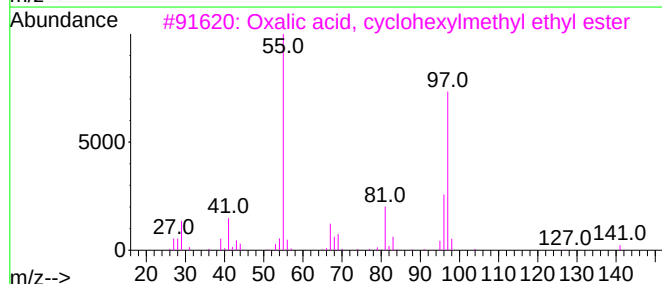
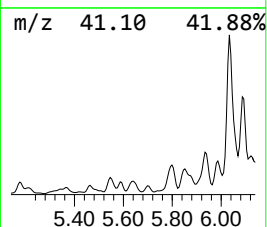
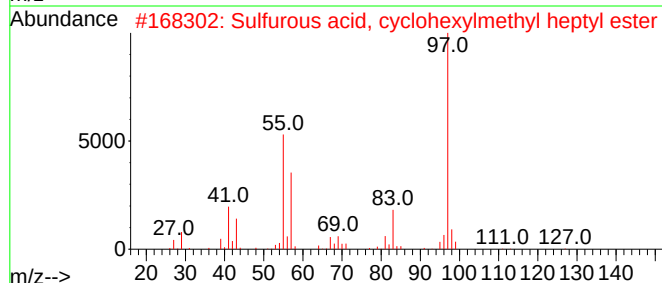
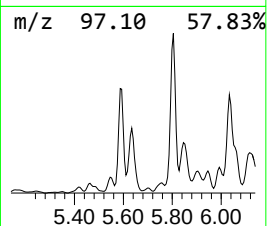
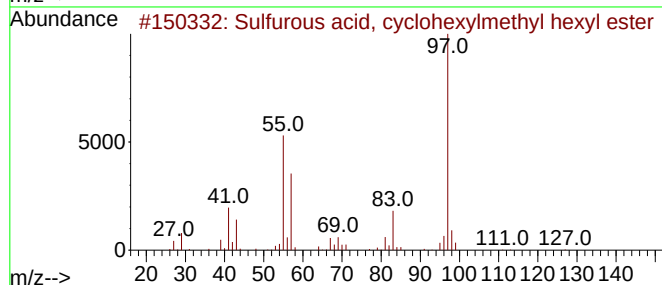
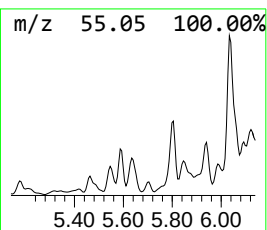
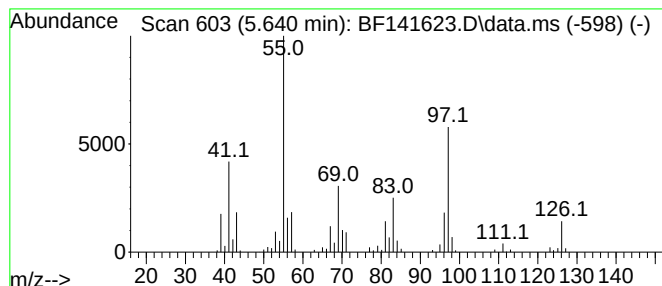
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Sulfurous acid, cyclohexylm... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.640	2.37 ng	248831	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	72
2			Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	72
3			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53
4			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53
5			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
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Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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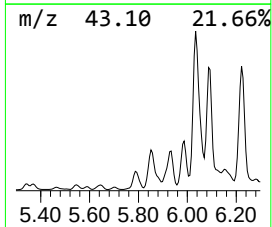
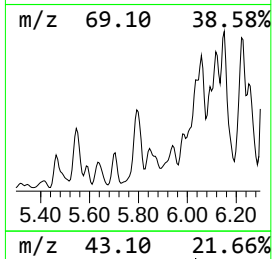
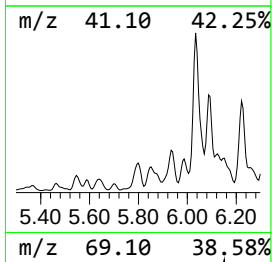
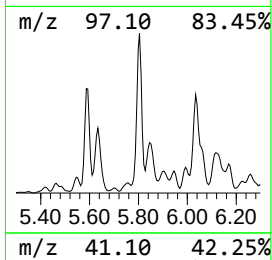
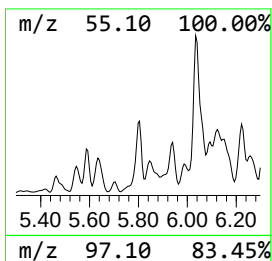
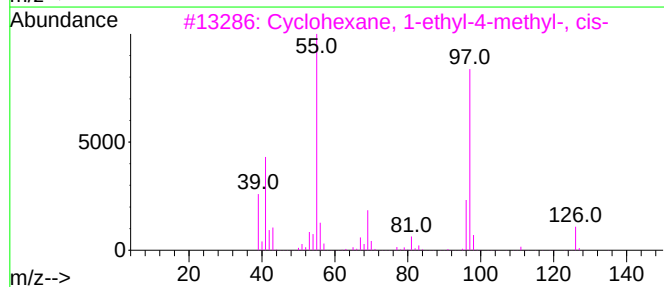
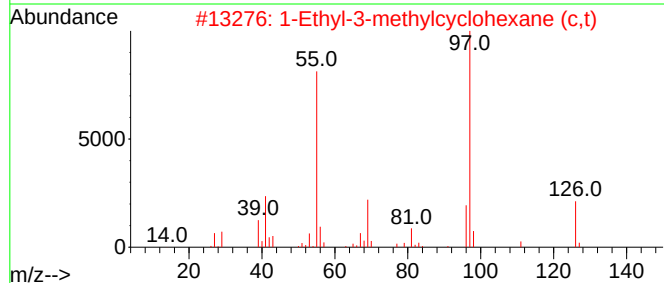
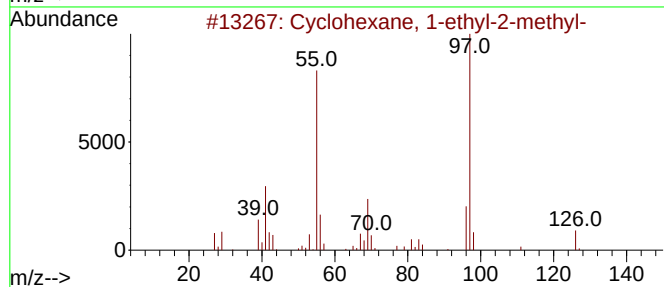
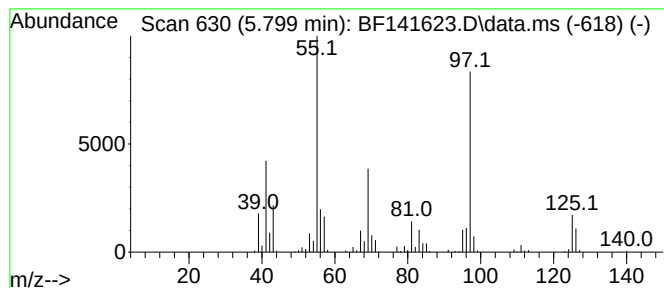
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.799	5.80 ng	608615	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
4			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
5			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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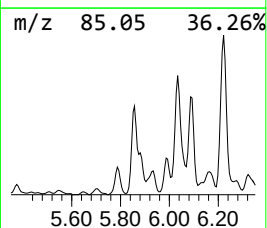
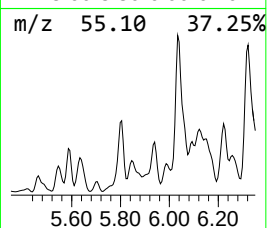
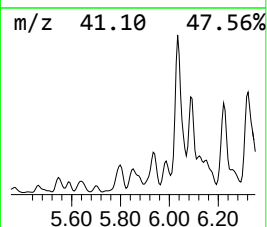
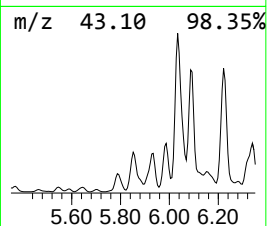
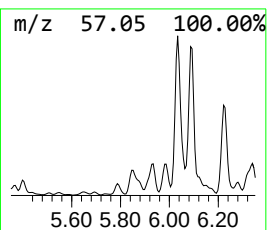
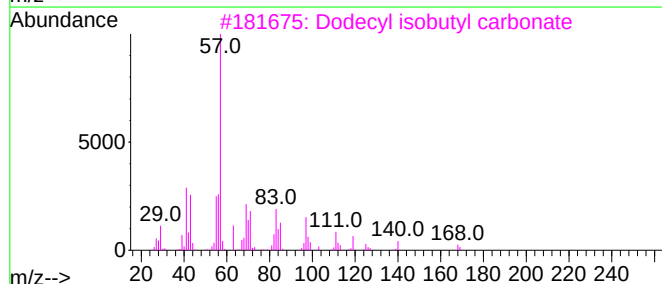
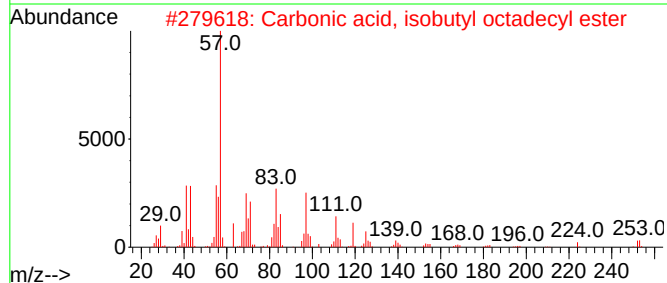
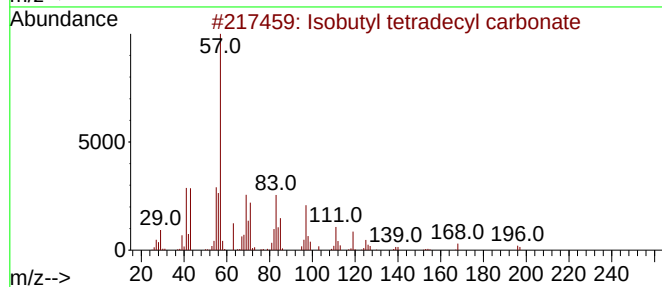
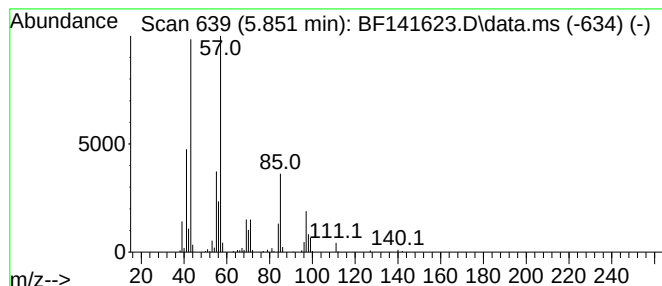
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Isobutyl tetradecyl carbonate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.851	4.07 ng	427186	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
2			Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	72
3			Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	64
4			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	59
5			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
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Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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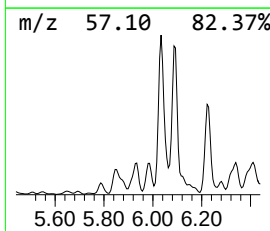
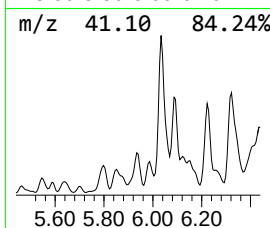
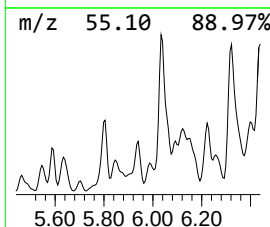
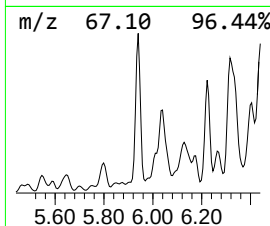
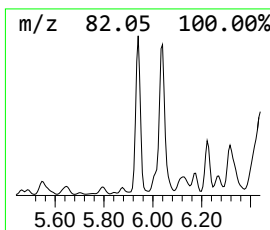
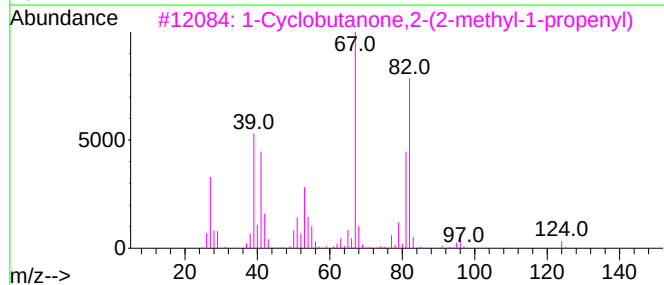
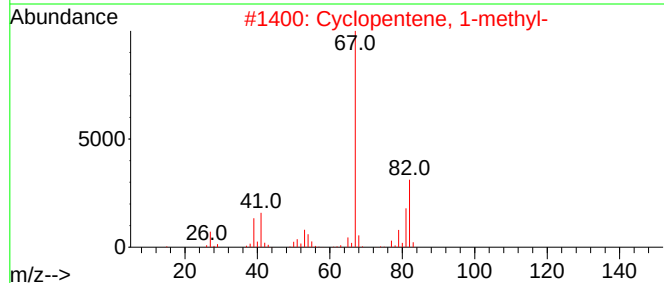
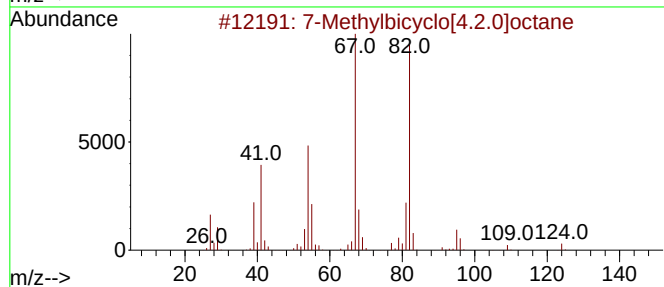
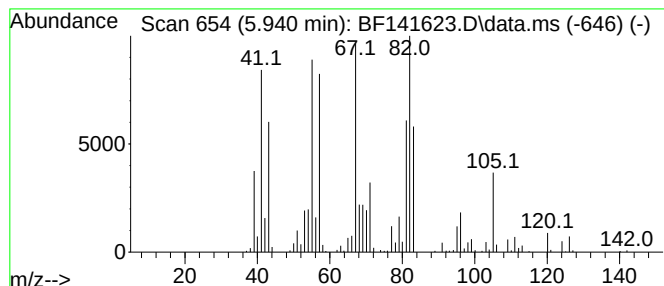
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown5.940 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	5.66 ng	593891	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
2			Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	43
3			1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	43
4			2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
5			2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
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Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW1R

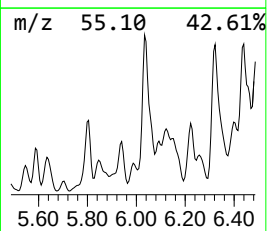
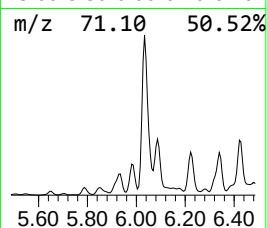
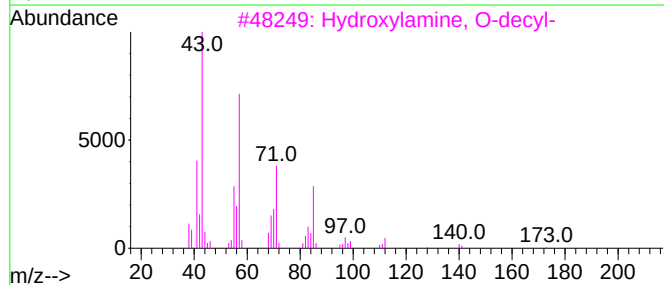
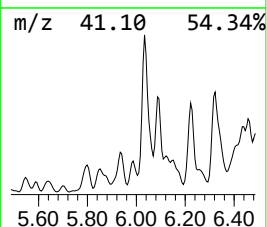
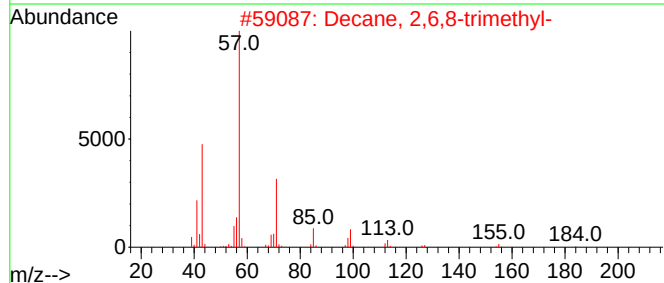
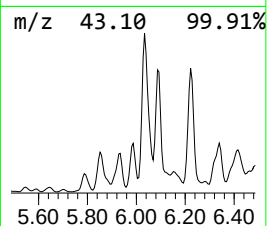
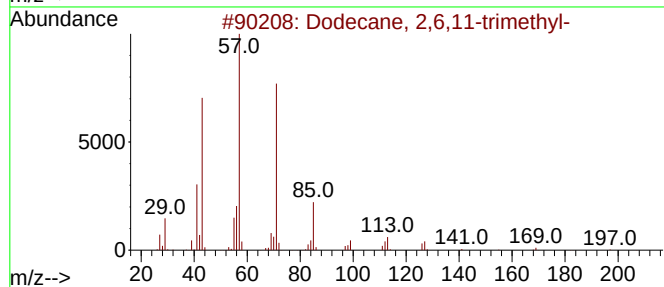
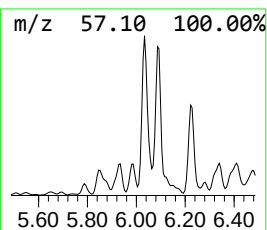
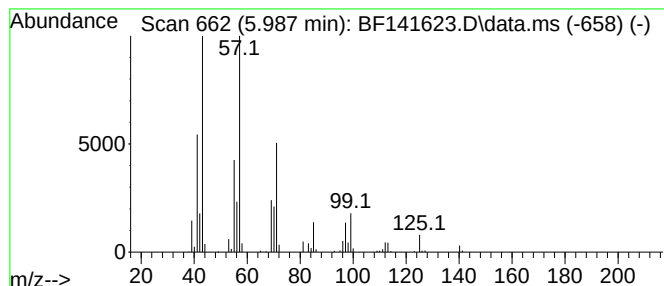
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.987	2.86 ng	300260	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
3			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
5			2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

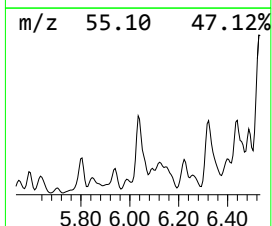
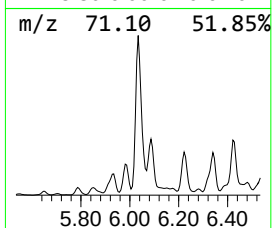
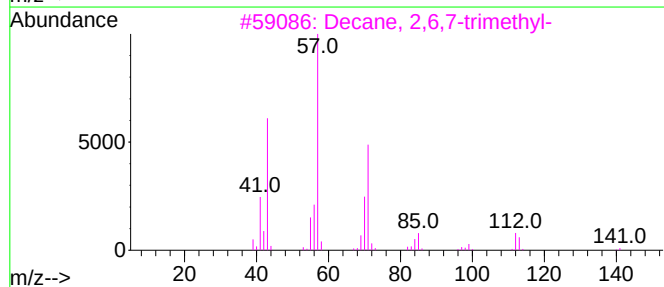
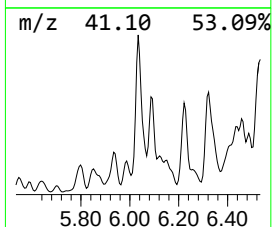
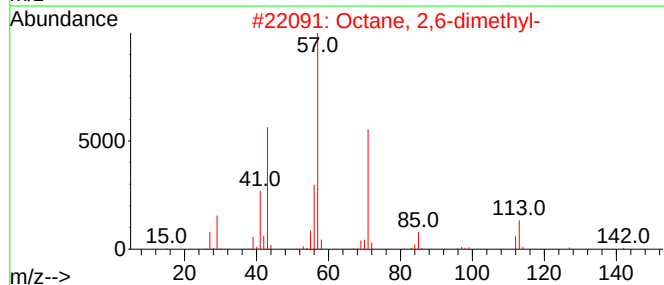
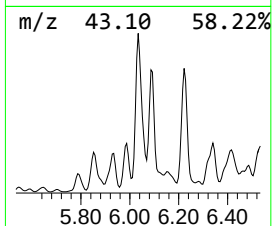
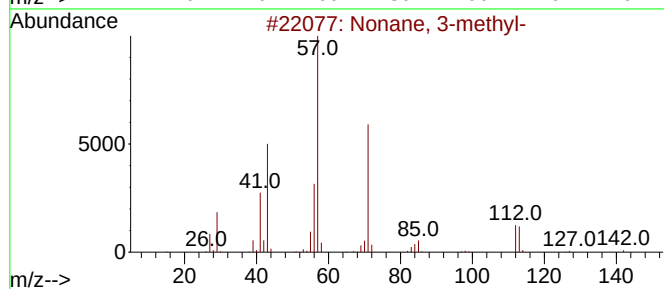
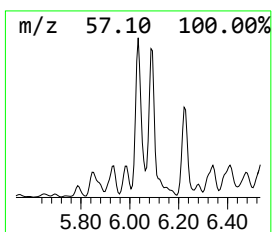
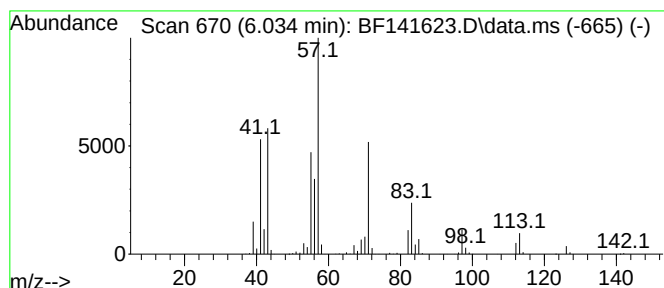
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.034	19.86 ng	2085390	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5			Decane, 3-methyl-	156	C11H24	013151-34-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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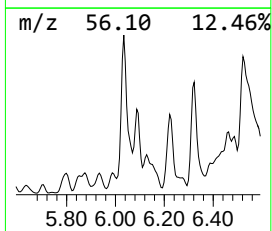
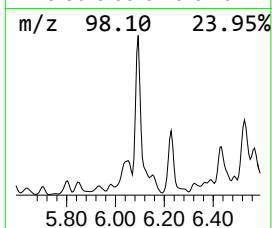
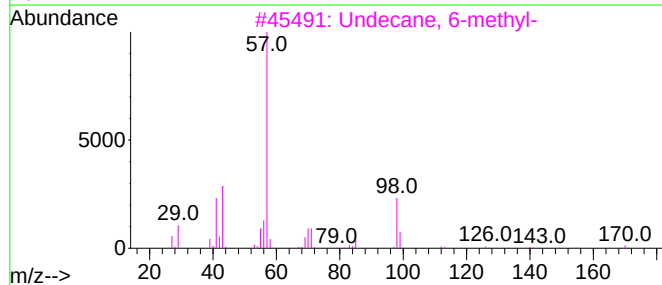
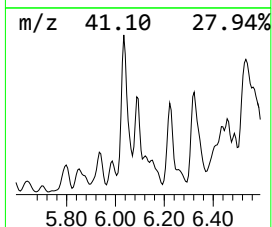
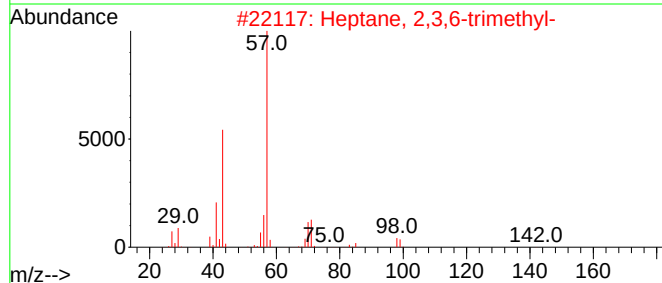
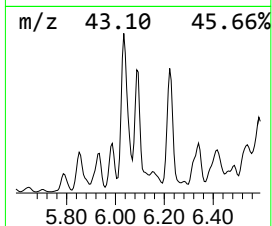
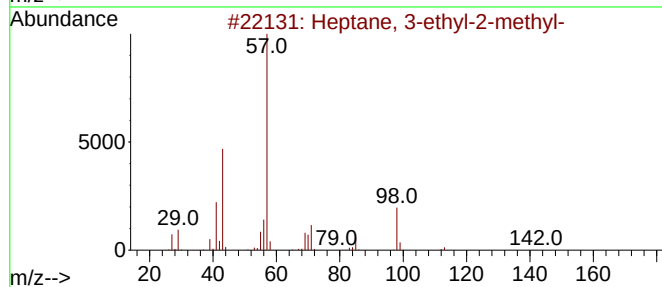
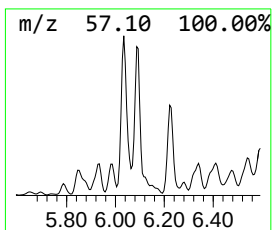
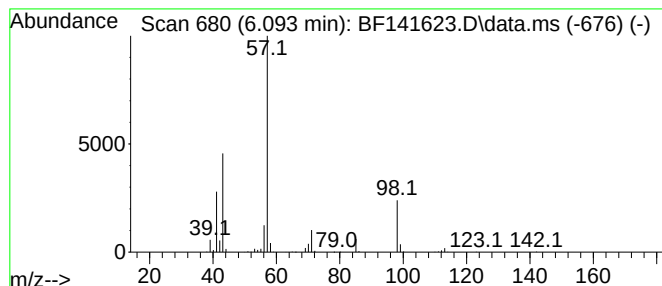
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptane, 3-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.093	5.80 ng	608432	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
3			Undecane, 6-methyl-	170	C12H26	017302-33-9	45
4			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	42
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42



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Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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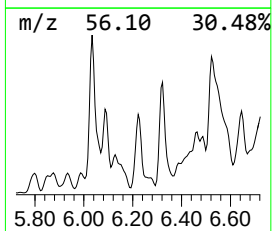
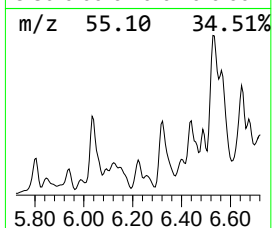
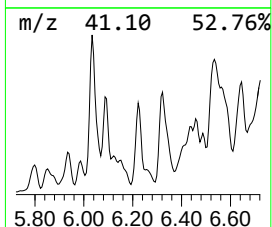
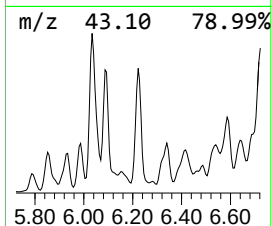
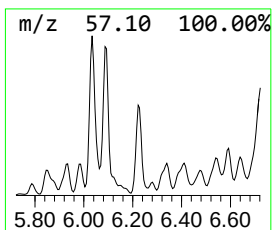
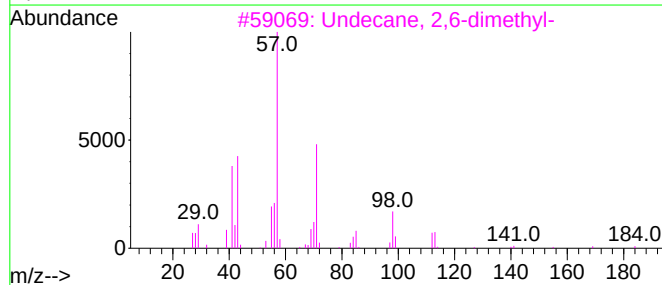
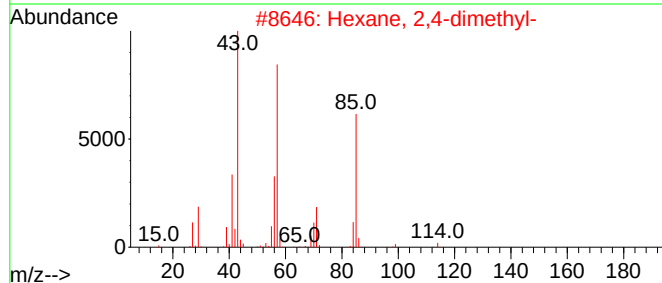
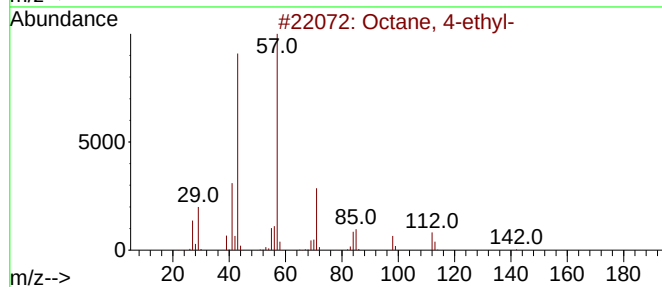
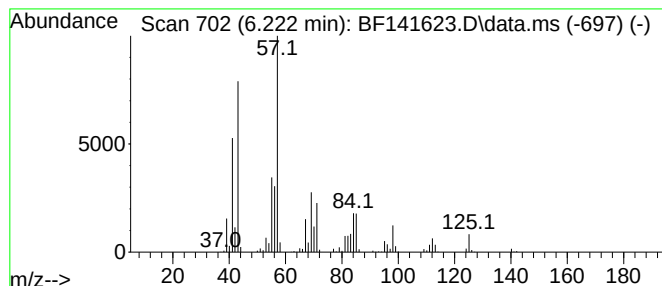
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.222 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.222	12.51 ng	1313160	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-ethyl-	142	C10H22	015869-86-0	49
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
5			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
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Instrument :
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ClientSampleId :
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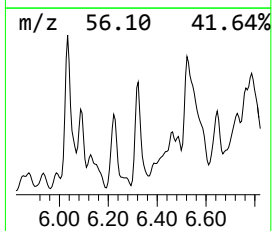
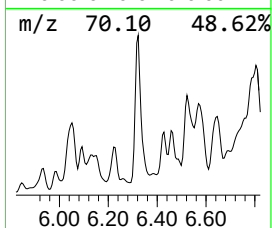
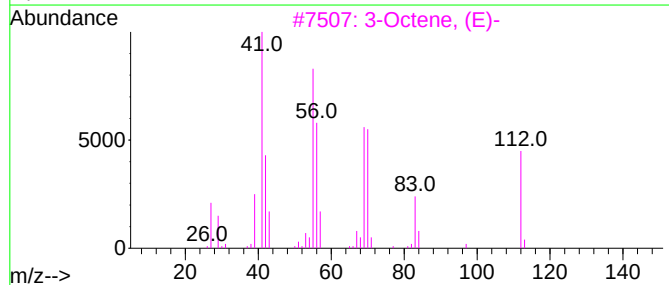
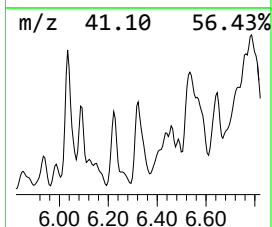
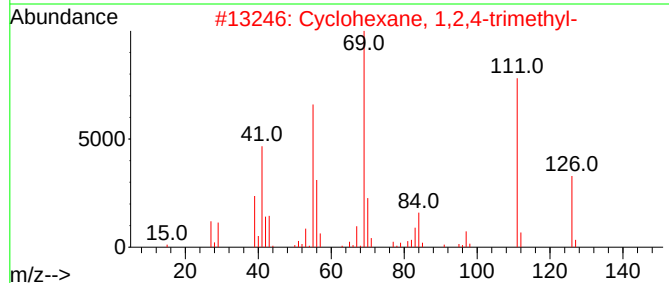
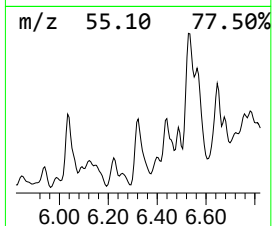
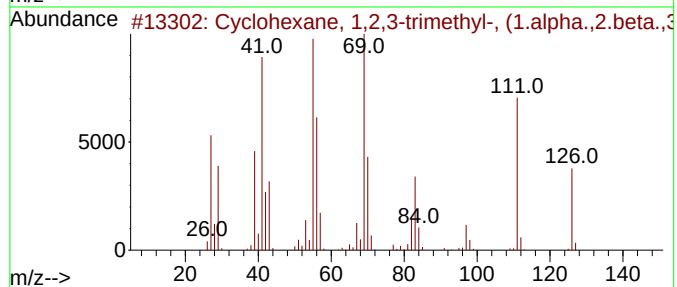
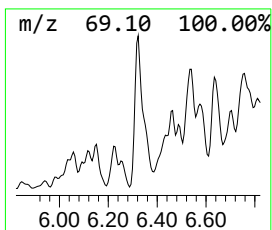
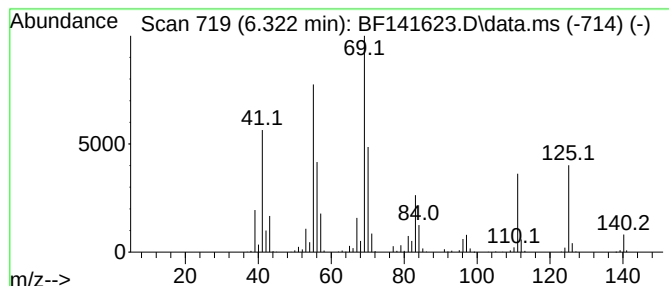
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, 1,2,3-trimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.322	20.21 ng	2121260	1,4-Dichlorobenzene-d4	6.793

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	68
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
3		3-Octene, (E)-	112	C8H16	014919-01-8	50
4		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	49
5		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
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ClientSampleId :
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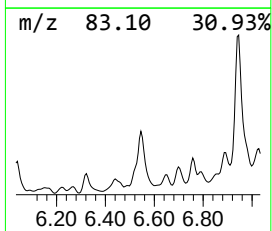
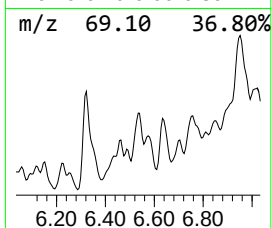
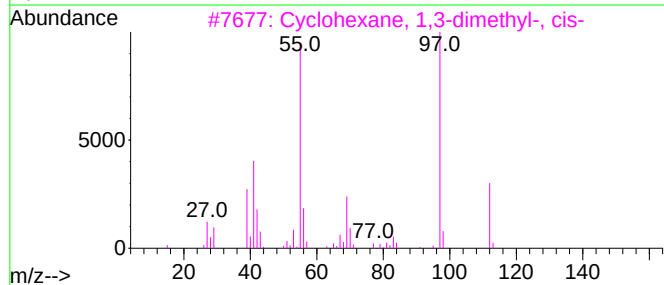
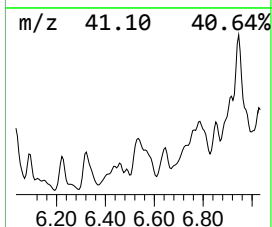
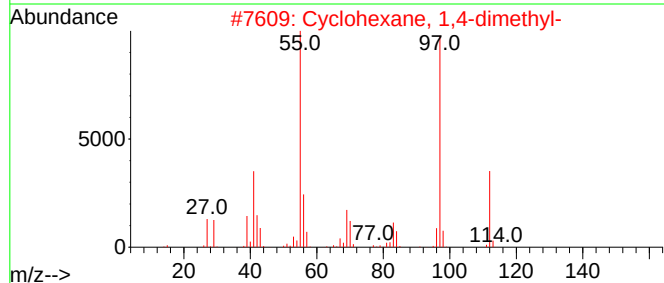
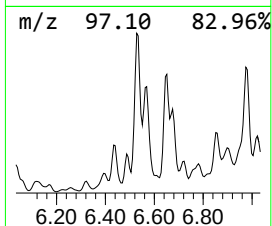
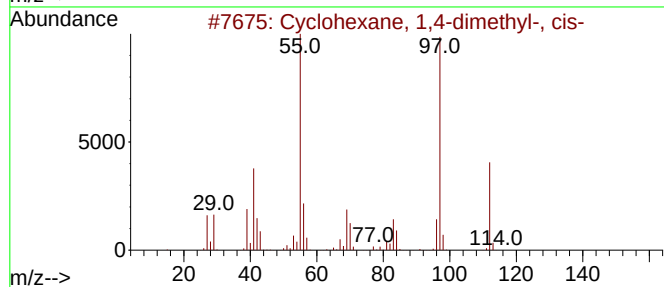
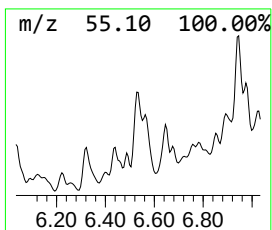
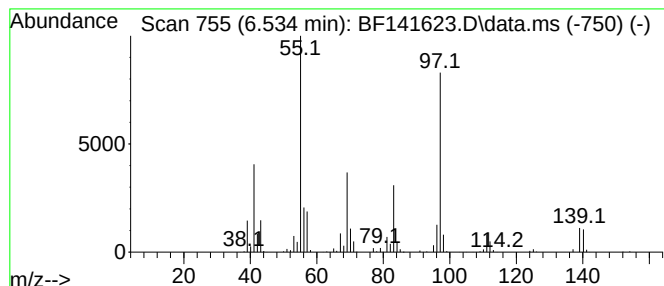
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.534	21.25 ng	2231290	1,4-Dichlorobenzene-d4	6.793

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	70
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
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Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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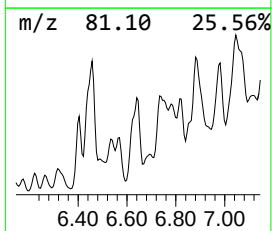
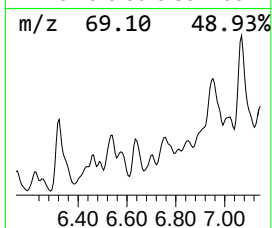
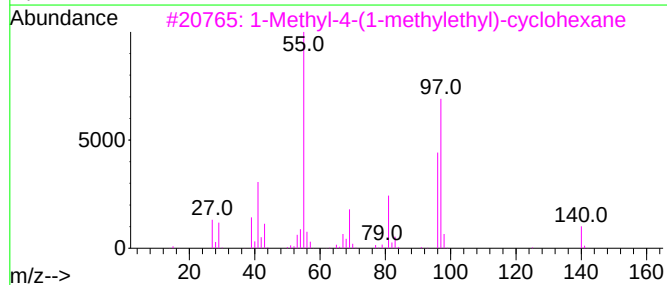
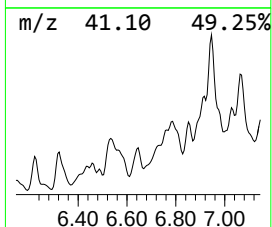
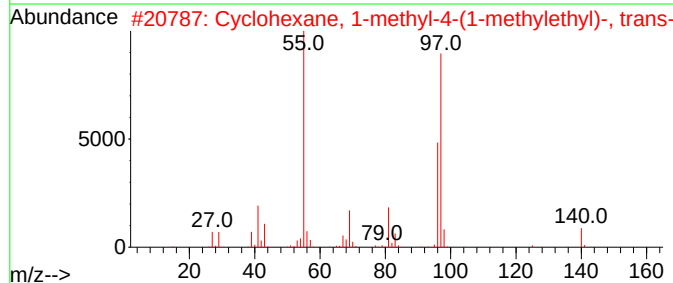
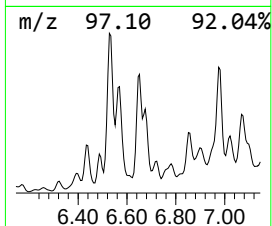
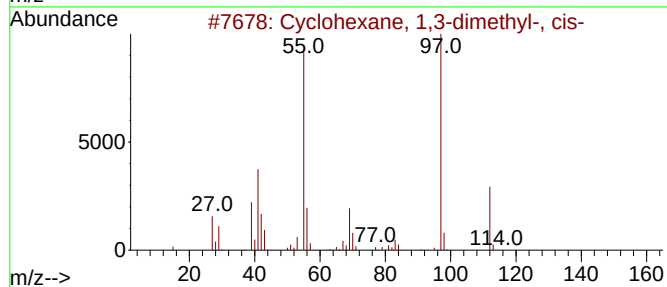
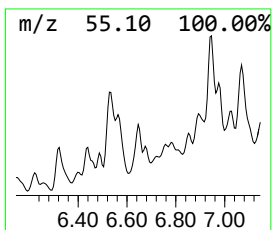
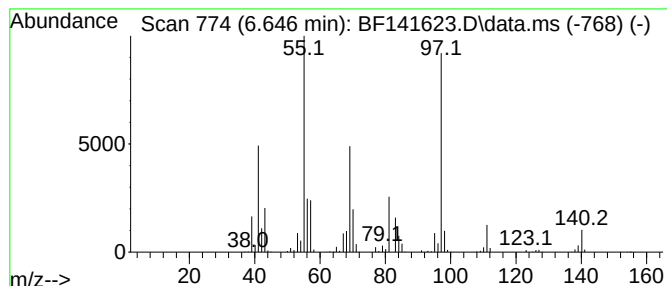
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.646	13.76 ng	1444290	1,4-Dichlorobenzene-d4	6.793

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
2		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
4		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
5		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
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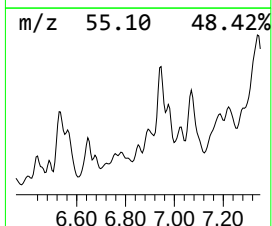
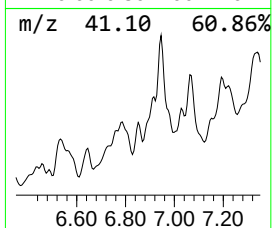
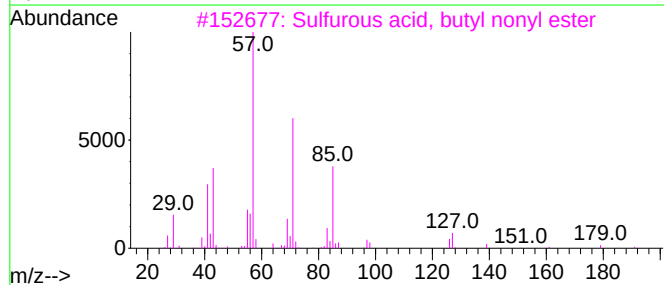
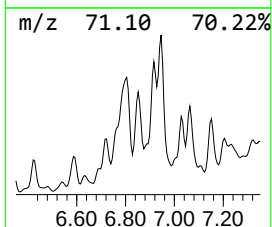
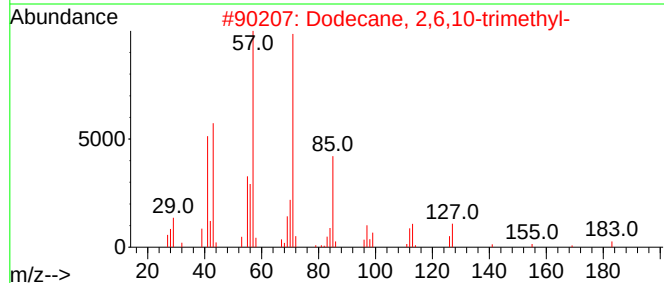
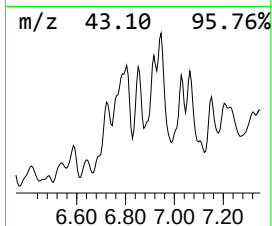
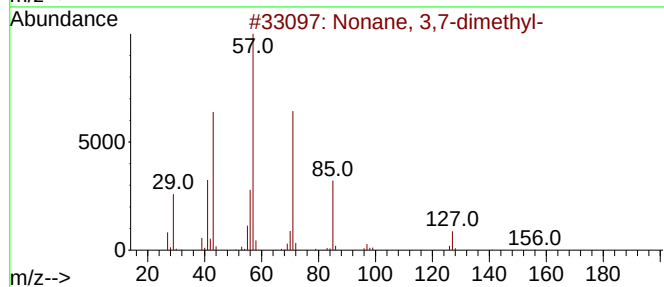
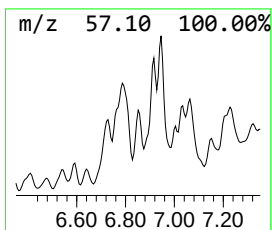
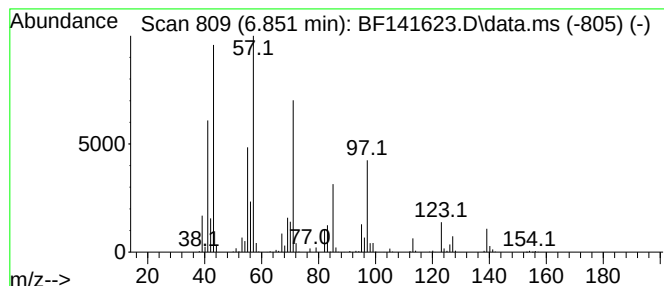
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown6.851 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.851	10.56 ng	1108180	1,4-Dichlorobenzene-d4	6.793

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	46
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
4		Tetratetracontane	619	C44H90	007098-22-8	43
5		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
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ClientSampleId :
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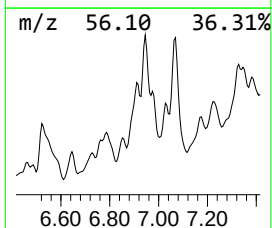
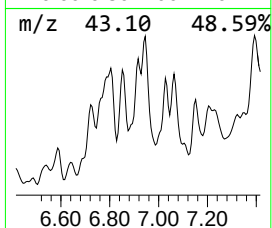
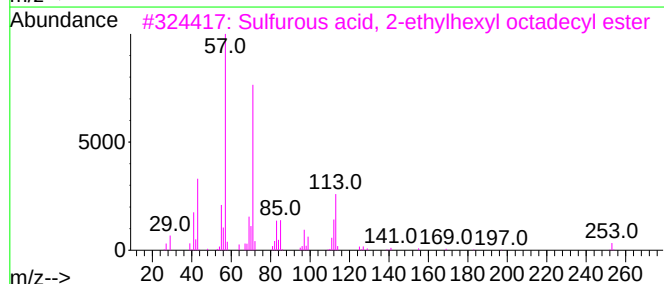
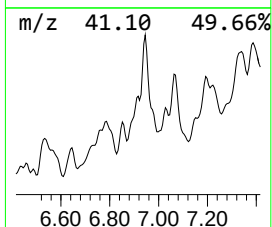
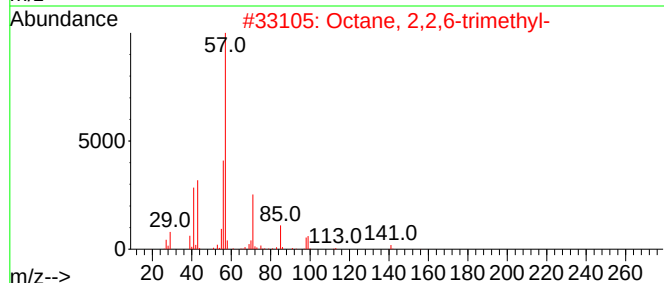
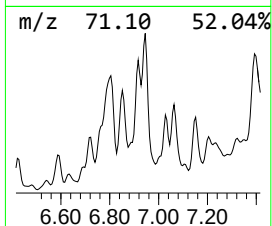
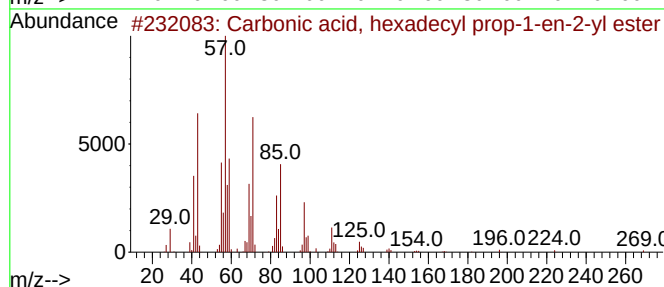
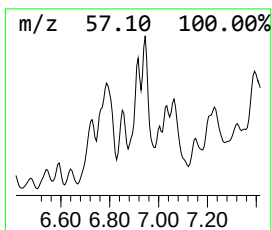
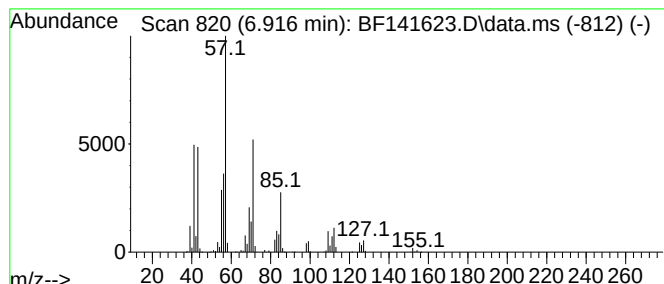
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Carbonic acid, hexadecyl pr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.916	19.17 ng	2012930	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	53
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
3			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50



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ClientSampleId :
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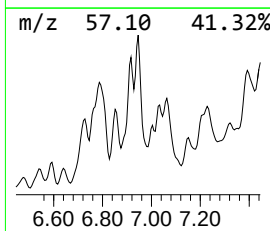
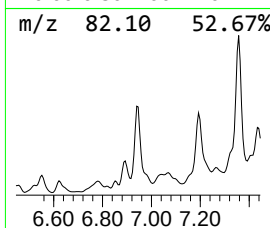
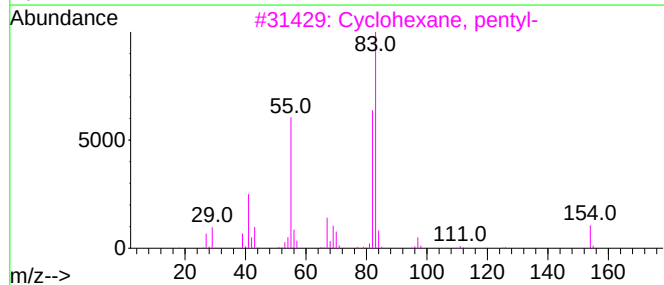
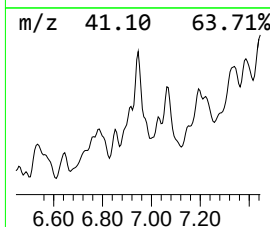
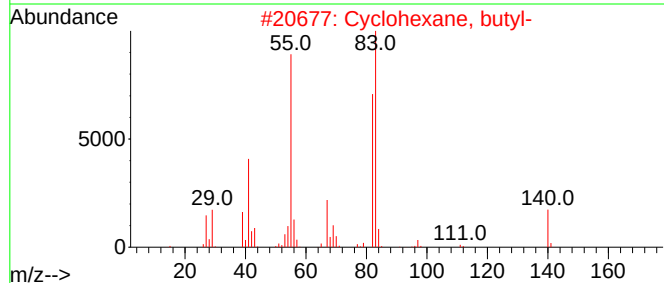
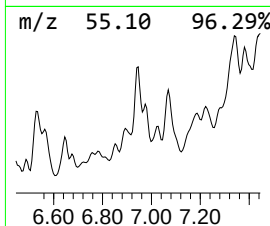
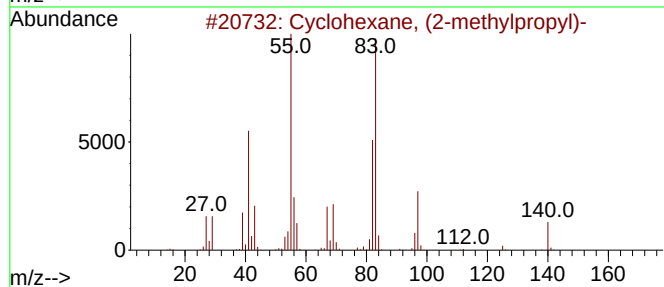
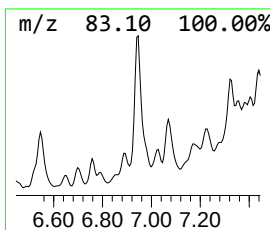
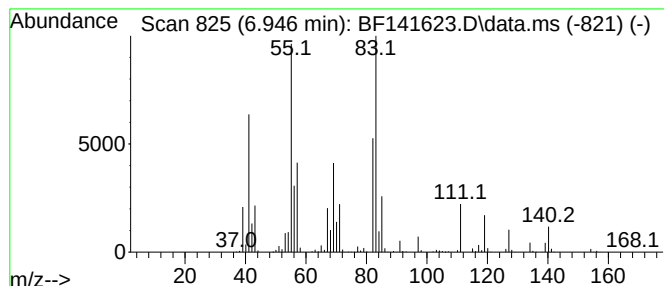
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.946	22.73 ng	2386130	1,4-Dichlorobenzene-d4	6.793

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

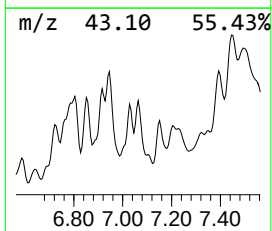
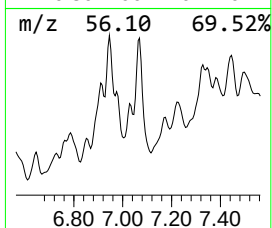
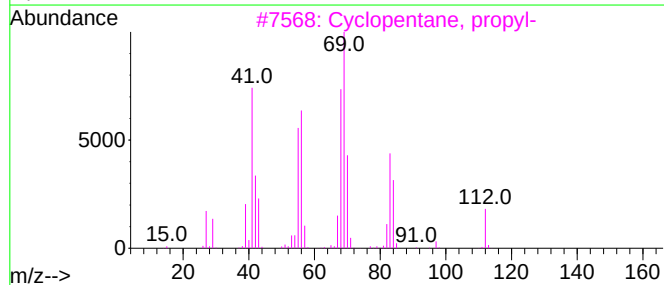
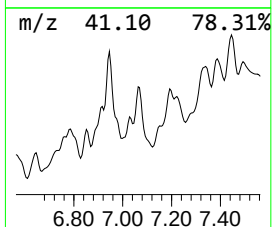
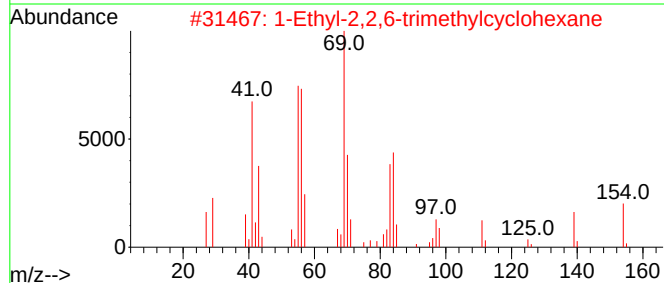
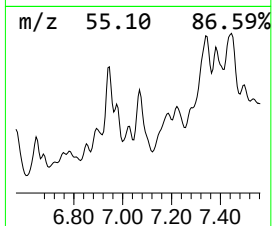
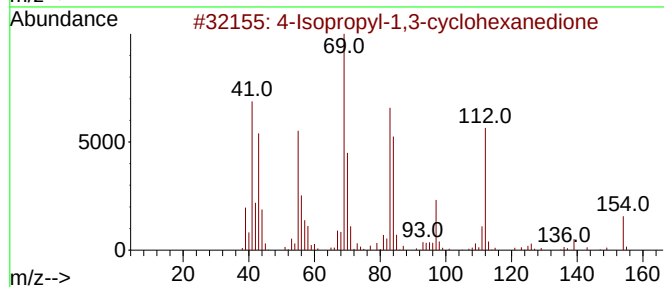
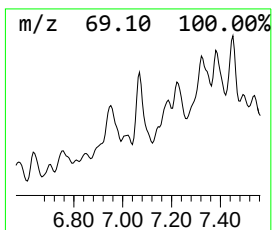
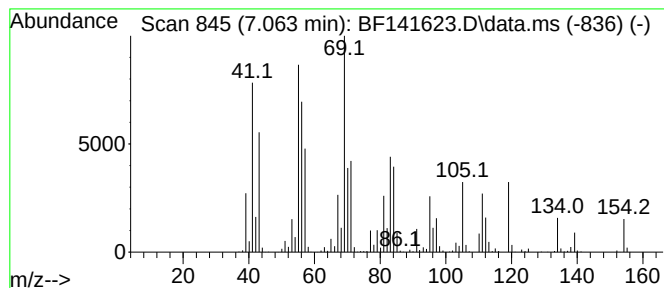
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4-Isopropyl-1,3-cyclohexane... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.063	45.08 ng	4732920	1,4-Dichlorobenzene-d4	6.793	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	83
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	76
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	64
4	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	58
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

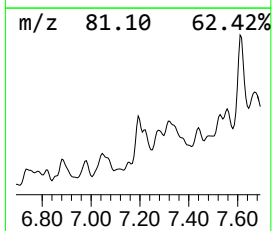
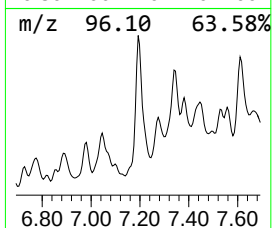
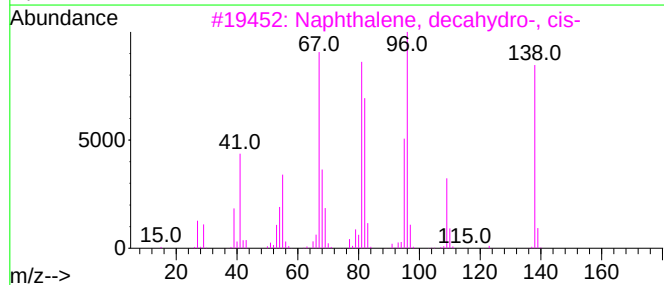
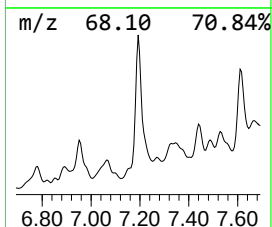
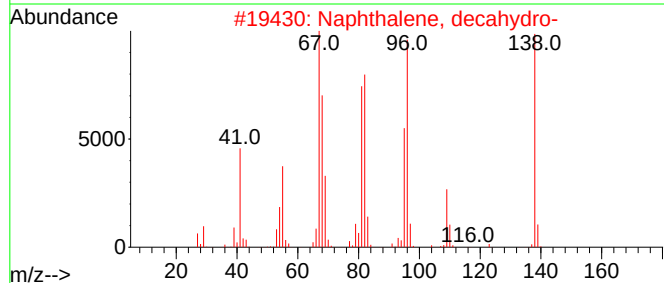
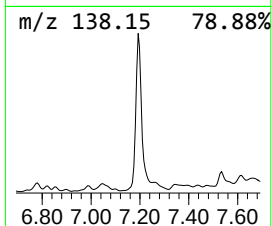
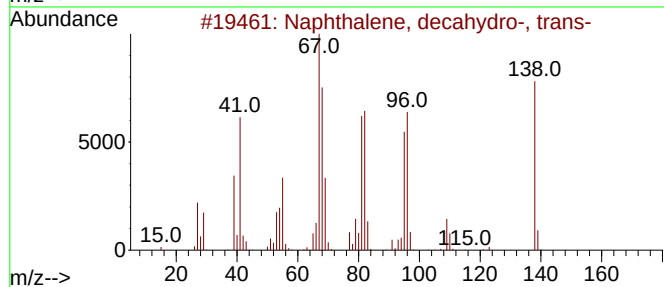
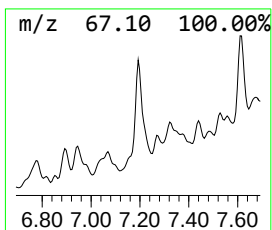
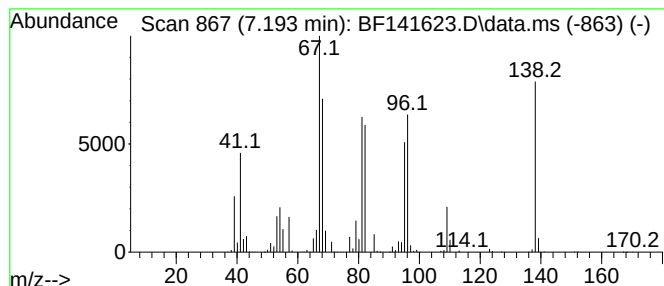
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, decahydro-, tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.193	20.35 ng	2136630	1,4-Dichlorobenzene-d4	6.793

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4		Spiro[4.5]decane	138	C10H18	000176-63-6	74
5		5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

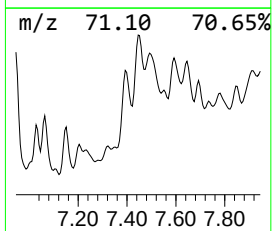
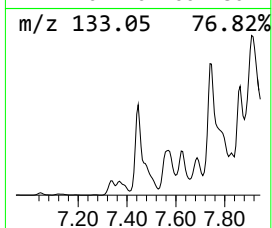
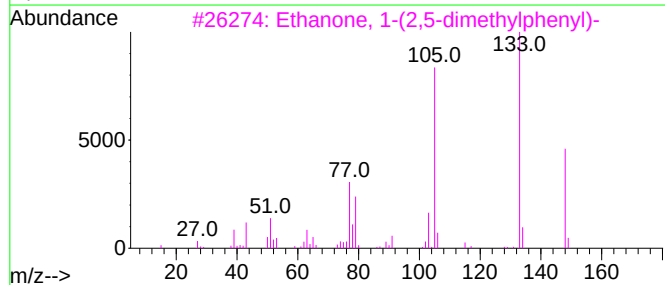
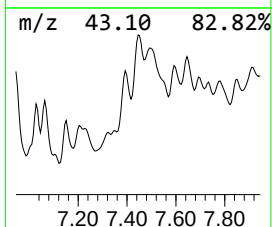
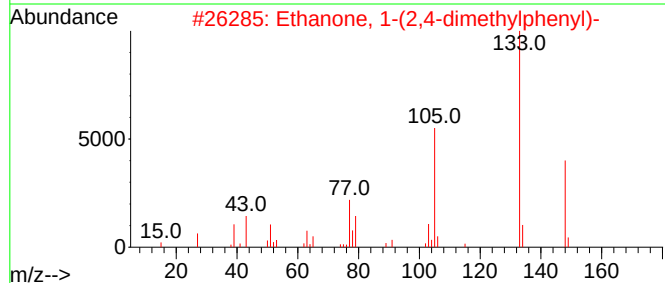
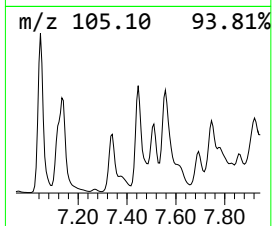
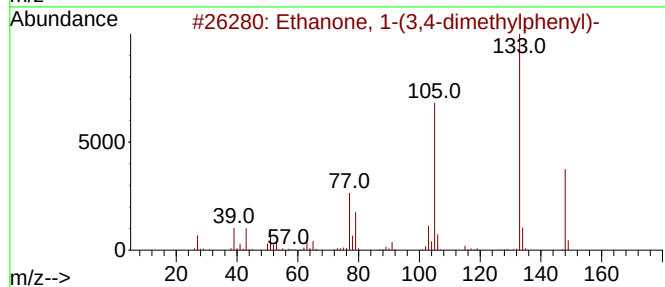
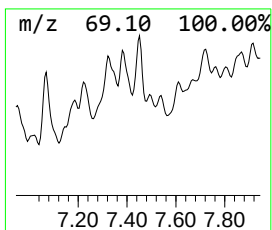
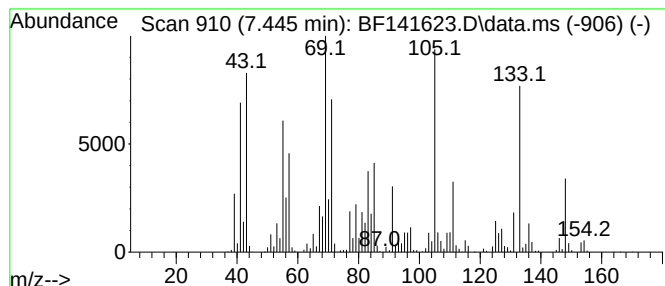
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown7.445 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	20.00 ng	2883610	Naphthalene-d8	8.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	35
2			Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	35
3			Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	35
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

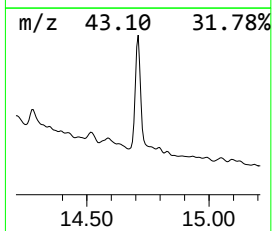
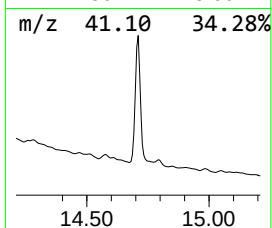
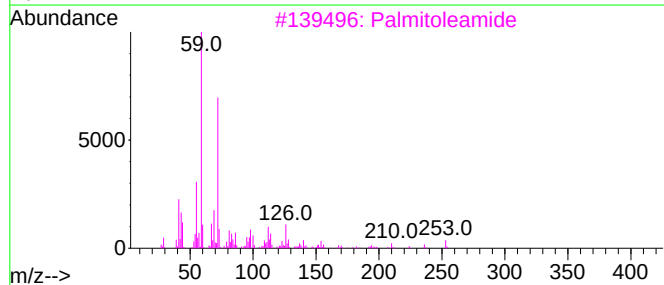
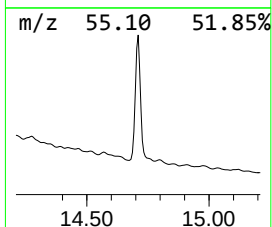
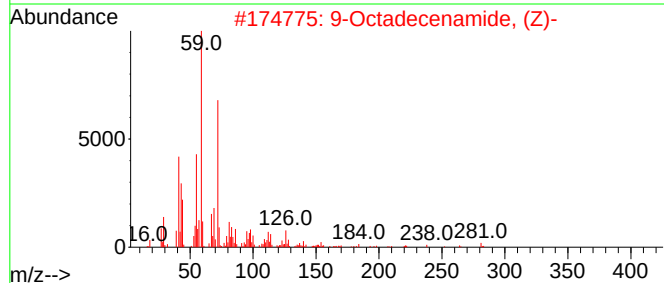
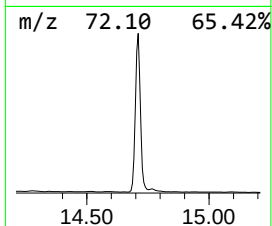
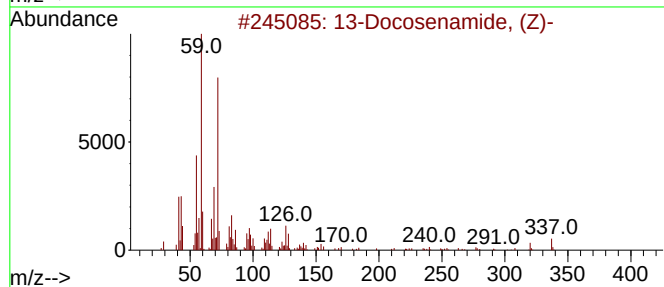
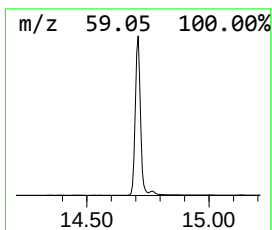
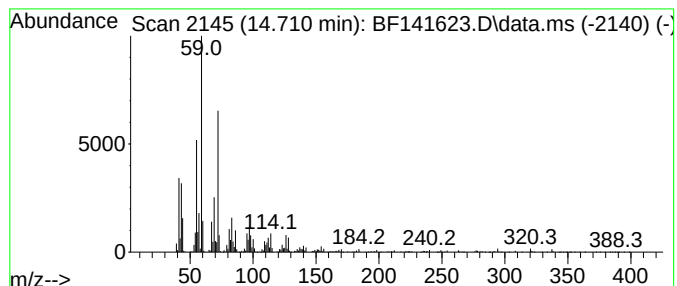
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	58.20 ng	2173870	Perylene-d12	15.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3			Palmitoleamide	253	C16H31NO	106010-22-4	72
4			Decanamide-	171	C10H21NO	002319-29-1	59
5			Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141623.D
Acq On : 13 Feb 2025 19:01
Operator : RC/JU
Sample : Q1331-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,...	5.546	2.1	ng	221588	1	6.793	2099660	20.0
Sulfurous acid,...	5.640	2.4	ng	248831	1	6.793	2099660	20.0
Cyclohexane, 1-...	5.799	5.8	ng	608615	1	6.793	2099660	20.0
Isobutyl tetrad...	5.851	4.1	ng	427186	1	6.793	2099660	20.0
unknown5.940	5.940	5.7	ng	593891	1	6.793	2099660	20.0
Dodecane, 2,6,1...	5.987	2.9	ng	300260	1	6.793	2099660	20.0
Nonane, 3-methyl-	6.034	19.9	ng	2085390	1	6.793	2099660	20.0
Heptane, 3-ethy...	6.093	5.8	ng	608432	1	6.793	2099660	20.0
unknown6.222	6.222	12.5	ng	1313160	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.322	20.2	ng	2121260	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.534	21.3	ng	2231290	1	6.793	2099660	20.0
Cyclohexane, 1,...	6.646	13.8	ng	1444290	1	6.793	2099660	20.0
unknown6.851	6.851	10.6	ng	1108180	1	6.793	2099660	20.0
Carbonic acid, ...	6.916	19.2	ng	2012930	1	6.793	2099660	20.0
Cyclohexane, (2...	6.946	22.7	ng	2386130	1	6.793	2099660	20.0
4-Isopropyl-1,3...	7.063	45.1	ng	4732920	1	6.793	2099660	20.0
Naphthalene, de...	7.193	20.4	ng	2136630	1	6.793	2099660	20.0
unknown7.445	7.445	20.0	ng	2883610	2	8.087	2883610	20.0
13-Docosenamide...	14.710	58.2	ng	2173870	6	15.404	747051	20.0

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1RDL	SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 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
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	20.6	UD	20.6	51.5	ug/L
108-95-2	Phenol	4.80	UD	4.80	25.8	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.10	UD	6.10	25.8	ug/L
95-57-8	2-Chlorophenol	3.70	UD	3.70	25.8	ug/L
95-48-7	2-Methylphenol	5.80	UD	5.80	25.8	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	7.00	UD	7.00	25.8	ug/L
98-86-2	Acetophenone	5.70	UD	5.70	25.8	ug/L
65794-96-9	3+4-Methylphenols	5.90	UD	5.90	51.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.60	UD	7.60	12.9	ug/L
67-72-1	Hexachloroethane	5.20	UD	5.20	25.8	ug/L
98-95-3	Nitrobenzene	6.50	UD	6.50	25.8	ug/L
78-59-1	Isophorone	5.90	UD	5.90	25.8	ug/L
88-75-5	2-Nitrophenol	10.1	UD	10.1	25.8	ug/L
105-67-9	2,4-Dimethylphenol	7.80	UD	7.80	25.8	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	UD	5.30	25.8	ug/L
120-83-2	2,4-Dichlorophenol	4.50	UD	4.50	25.8	ug/L
91-20-3	Naphthalene	5.30	UD	5.30	25.8	ug/L
106-47-8	4-Chloroaniline	6.70	UDQ	6.70	25.8	ug/L
87-68-3	Hexachlorobutadiene	6.50	UD	6.50	25.8	ug/L
105-60-2	Caprolactam	8.50	UD	8.50	51.5	ug/L
59-50-7	4-Chloro-3-methylphenol	4.30	UD	4.30	25.8	ug/L
91-57-6	2-Methylnaphthalene	5.80	UD	5.80	25.8	ug/L
77-47-4	Hexachlorocyclopentadiene	25.9	UD	25.9	51.5	ug/L
88-06-2	2,4,6-Trichlorophenol	4.60	UD	4.60	25.8	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	UD	5.20	25.8	ug/L
92-52-4	1,1-Biphenyl	4.70	UD	4.70	25.8	ug/L
91-58-7	2-Chloronaphthalene	5.00	UD	5.00	25.8	ug/L
88-74-4	2-Nitroaniline	7.30	UD	7.30	25.8	ug/L
131-11-3	Dimethylphthalate	4.80	UD	4.80	25.8	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1RDL	SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 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
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.40	UD	5.40	25.8	ug/L
606-20-2	2,6-Dinitrotoluene	6.40	UD	6.40	25.8	ug/L
99-09-2	3-Nitroaniline	7.10	UDQ	7.10	25.8	ug/L
83-32-9	Acenaphthene	70.8	D	4.20	25.8	ug/L
51-28-5	2,4-Dinitrophenol	33.1	UD	33.1	51.5	ug/L
100-02-7	4-Nitrophenol	10.3	UD	10.3	51.5	ug/L
132-64-9	Dibenzofuran	4.80	UD	4.80	25.8	ug/L
121-14-2	2,4-Dinitrotoluene	7.80	UD	7.80	25.8	ug/L
84-66-2	Diethylphthalate	5.40	UD	5.40	25.8	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	UD	5.10	25.8	ug/L
86-73-7	Fluorene	180	D	4.90	25.8	ug/L
100-01-6	4-Nitroaniline	10.5	UD	10.5	25.8	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.8	UD	15.8	51.5	ug/L
86-30-6	n-Nitrosodiphenylamine	4.60	UD	4.60	25.8	ug/L
101-55-3	4-Bromophenyl-phenylether	4.90	UD	4.90	25.8	ug/L
118-74-1	Hexachlorobenzene	5.90	UD	5.90	25.8	ug/L
1912-24-9	Atrazine	6.50	UD	6.50	25.8	ug/L
87-86-5	Pentachlorophenol	9.50	UD	9.50	51.5	ug/L
85-01-8	Phenanthrene	280	D	4.60	25.8	ug/L
120-12-7	Anthracene	5.50	UD	5.50	25.8	ug/L
86-74-8	Carbazole	5.90	UD	5.90	25.8	ug/L
84-74-2	Di-n-butylphthalate	7.60	UD	7.60	25.8	ug/L
206-44-0	Fluoranthene	6.60	UD	6.60	25.8	ug/L
129-00-0	Pyrene	74.2	D	5.50	25.8	ug/L
85-68-7	Butylbenzylphthalate	10.8	UD	10.8	25.8	ug/L
91-94-1	3,3-Dichlorobenzidine	6.60	UDQ	6.60	51.5	ug/L
56-55-3	Benzo(a)anthracene	4.80	UD	4.80	25.8	ug/L
218-01-9	Chrysene	4.40	UD	4.40	25.8	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	12.1	JD	9.70	25.8	ug/L
117-84-0	Di-n-octyl phthalate	12.9	UD	12.9	51.5	ug/L
205-99-2	Benzo(b)fluoranthene	5.90	UD	5.90	25.8	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	02/06/25
Project:	Power	Date Received:	02/07/25
Client Sample ID:	MW1RDL	SDG No.:	Q1331
Lab Sample ID:	Q1331-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 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
BF141648.D	5	02/10/25 08:35	02/14/25 19:08	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	6.10	UD	6.10	25.8	ug/L
50-32-8	Benzo(a)pyrene	8.60	UD	8.60	25.8	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	UD	5.30	25.8	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.90	UD	5.90	25.8	ug/L
191-24-2	Benzo(g,h,i)perylene	6.10	UD	6.10	25.8	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	UD	5.60	25.8	ug/L
123-91-1	1,4-Dioxane	6.40	UD	6.40	25.8	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.10	UD	4.10	25.8	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	37.3		15 (10) - 110 (139)	25%	SPK: 150
13127-88-3	Phenol-d6	30.5		15 (10) - 110 (134)	20%	SPK: 150
4165-60-0	Nitrobenzene-d5	102		30 (49) - 130 (133)	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	128		30 (52) - 130 (132)	128%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		15 (44) - 110 (137)	102%	SPK: 150
1718-51-0	Terphenyl-d14	96.7		30 (48) - 130 (125)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69700	6.787			
1146-65-2	Naphthalene-d8	255000	8.075			
15067-26-2	Acenaphthene-d10	116000	9.851			
1517-22-2	Phenanthrene-d10	176000	11.339			
1719-03-5	Chrysene-d12	139000	13.951			
1520-96-3	Perylene-d12	159000	15.398			

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\BF021425\
 Data File : BF141648.D
 Acq On : 14 Feb 2025 19:08
 Operator : RC/JU
 Sample : Q1331-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1RDL

Quant Time: Feb 15 00:13:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

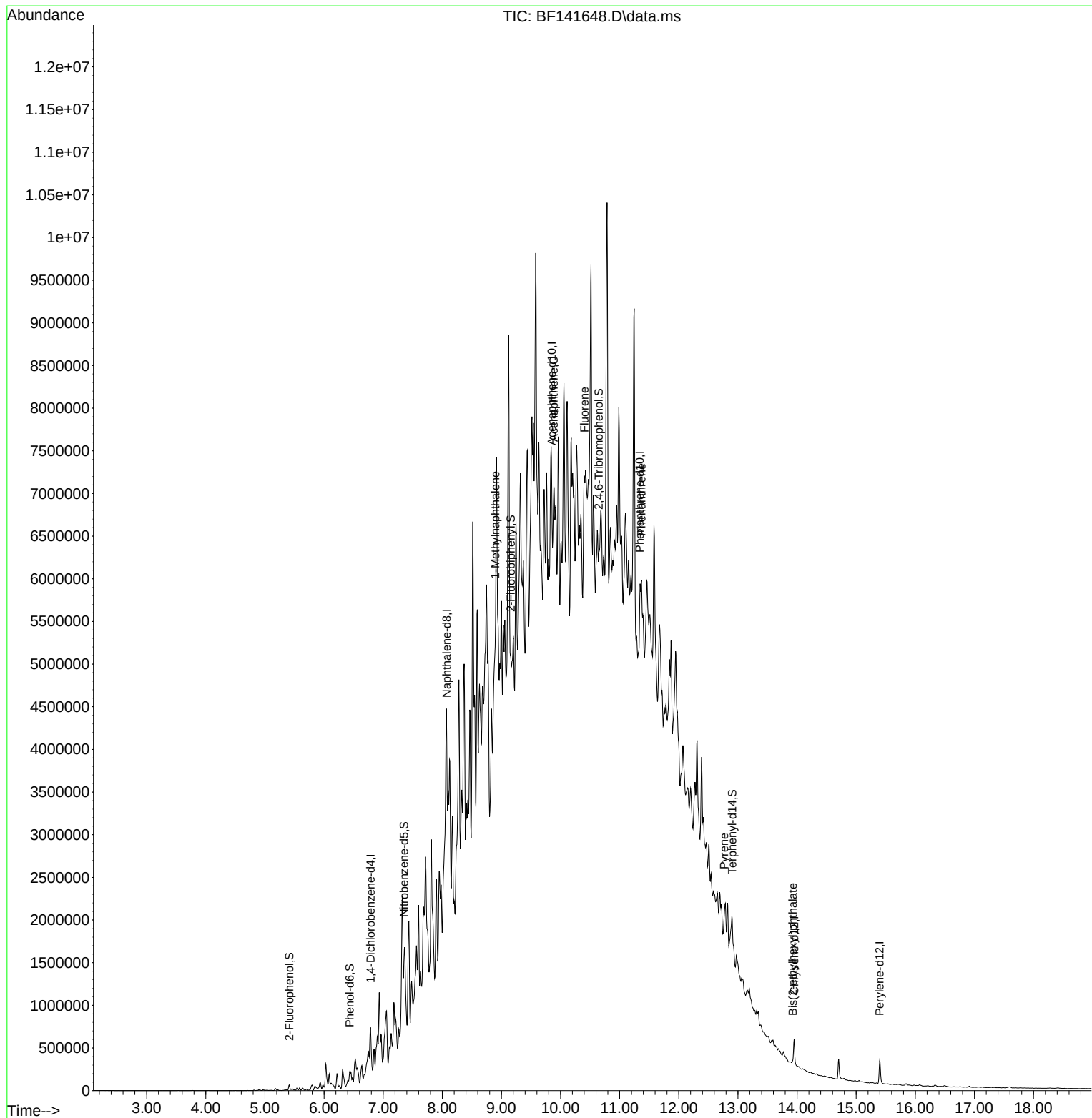
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	69665	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	254515	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	116077	20.000	ng	# 0.02
64) Phenanthrene-d10	11.339	188	175889	20.000	ng	# 0.02
76) Chrysene-d12	13.951	240	138765	20.000	ng	-0.01
86) Perylene-d12	15.398	264	158981	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	33191	7.469	ng	0.00
7) Phenol-d6	6.434	99	34244	6.097	ng	0.00
23) Nitrobenzene-d5	7.351	82	99487	20.388	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	35784	30.688	ng	0.02
45) 2-Fluorobiphenyl	9.157	172	192682	25.574	ng	0.00
79) Terphenyl-d14	12.904	244	158897	19.331	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.898	142	156330	18.722	ng	86
52) Acenaphthene	9.886	154	91349	13.728	ng	# 47
58) Fluorene	10.404	166	266273	35.258	ng	# 78
71) Phenanthrene	11.369	178	524843	54.209	ng	# 87
78) Pyrene	12.769	202	170154	14.404	ng	# 91
84) Bis(2-ethylhexyl)phtha...	13.927	149	10841	2.349	ng	# 87

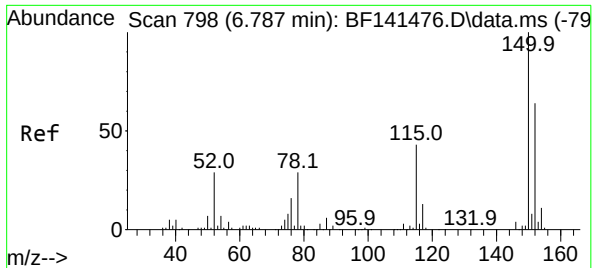
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141648.D
Acq On : 14 Feb 2025 19:08
Operator : RC/JU
Sample : Q1331-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1RDL

Quant Time: Feb 15 00:13:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

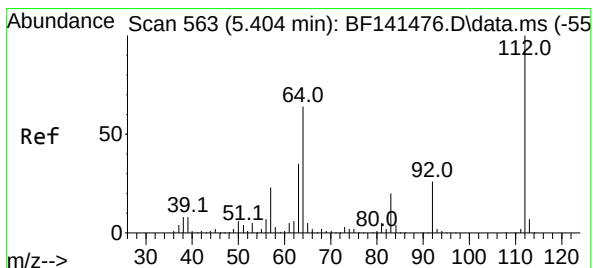
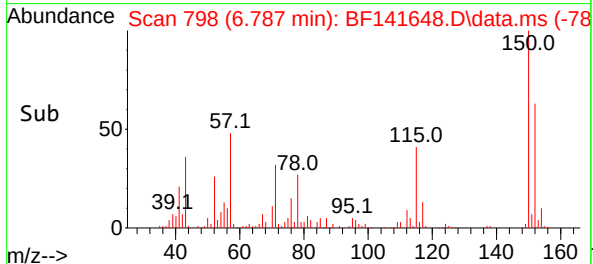
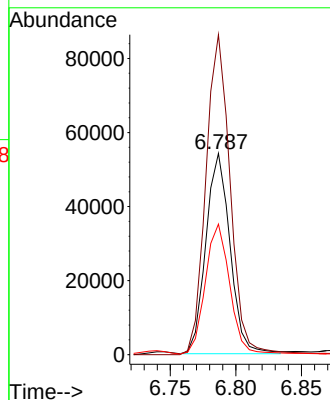
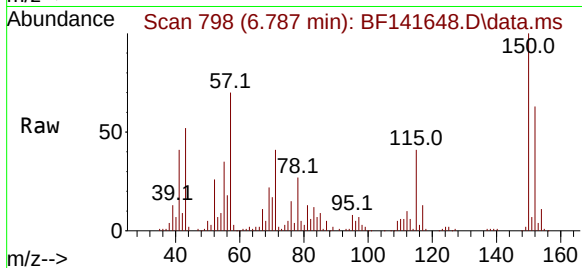




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

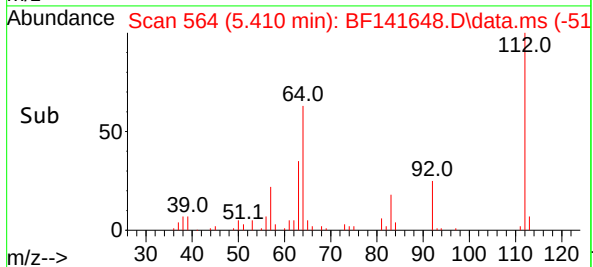
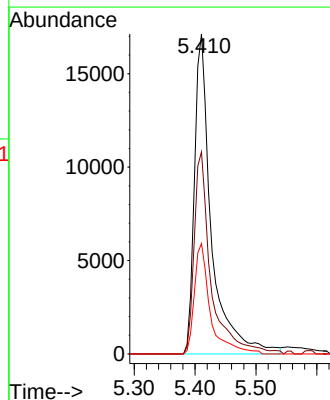
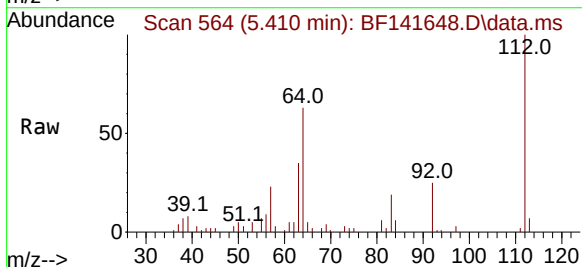
Instrument :
BNA_F
ClientSampleId :
MW1RDL

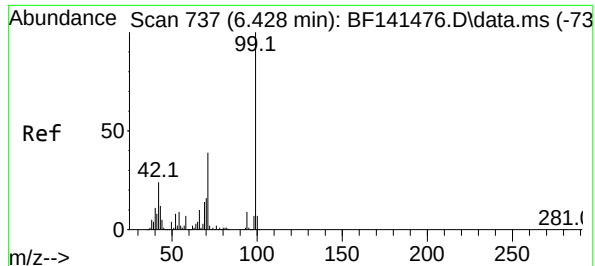
Tgt Ion:152 Resp: 69665
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.4
115 64.8 53.6 80.4



#5
2-Fluorophenol
Concen: 7.469 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:112 Resp: 33191
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 34.5 28.4 42.6





#7

Phenol-d6

Concen: 6.097 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

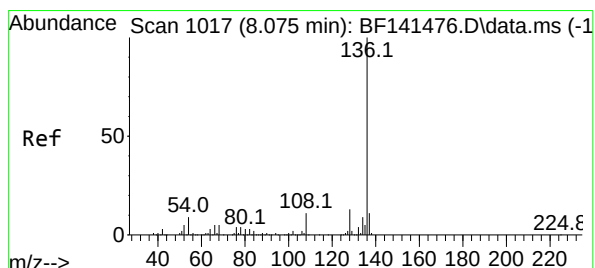
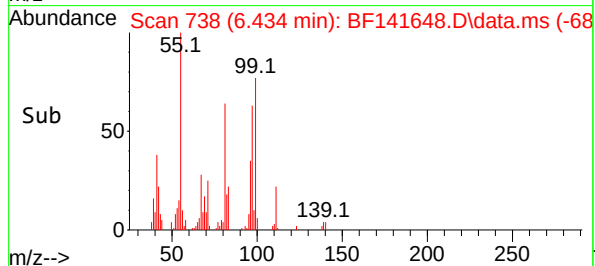
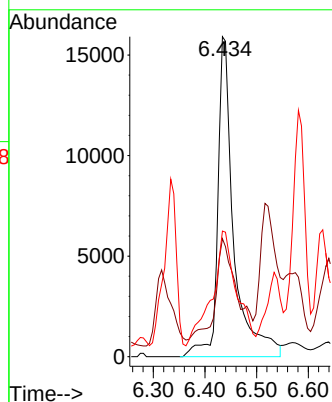
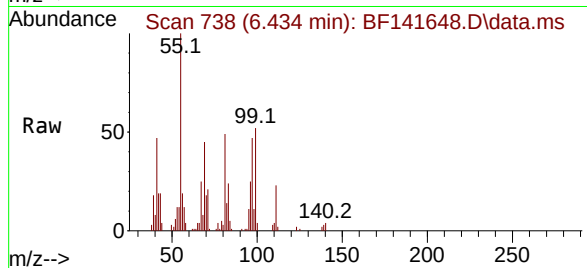
Tgt Ion: 99 Resp: 34244

Ion Ratio Lower Upper

99 100

42 36.9 19.1 28.7#

71 39.3 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Tgt Ion: 136 Resp: 254515

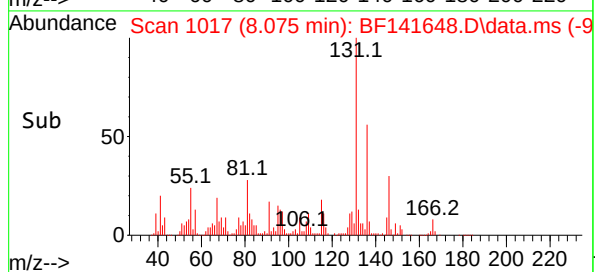
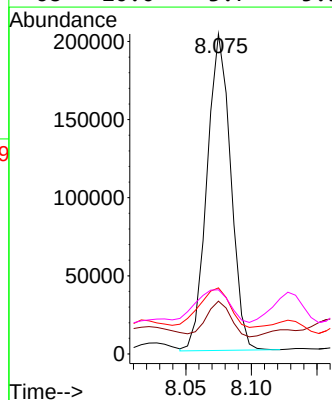
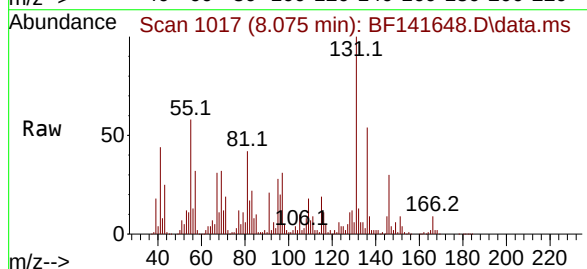
Ion Ratio Lower Upper

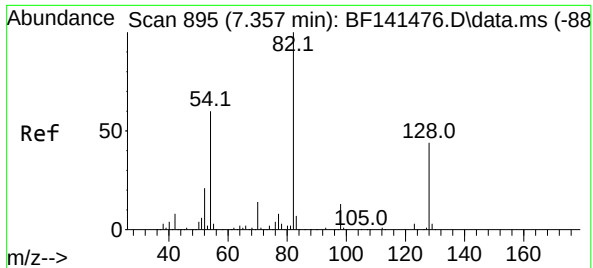
136 100

137 16.5 8.6 13.0#

54 20.7 7.2 10.8#

68 20.0 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 20.388 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

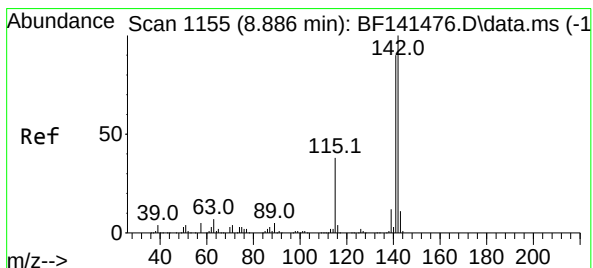
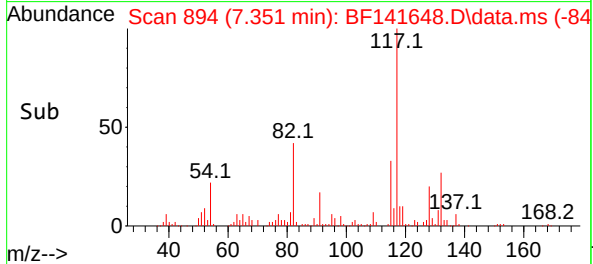
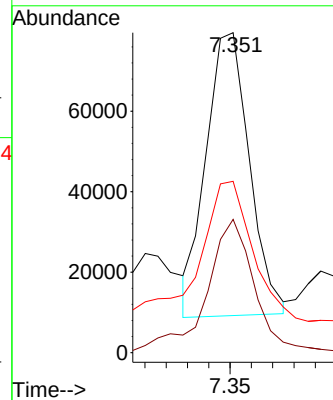
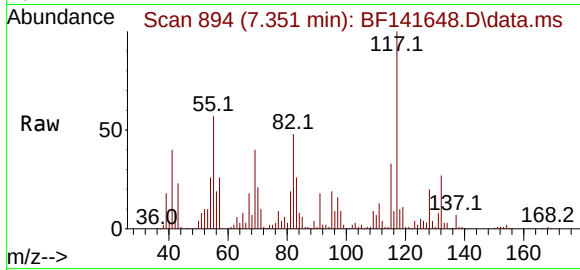
Tgt Ion: 82 Resp: 99487

Ion Ratio Lower Upper

82 100

128 41.6 34.8 52.2

54 53.5 48.2 72.4



#38

1-Methylnaphthalene

Concen: 18.722 ng

RT: 8.898 min Scan# 1157

Delta R.T. 0.012 min

Lab File: BF141648.D

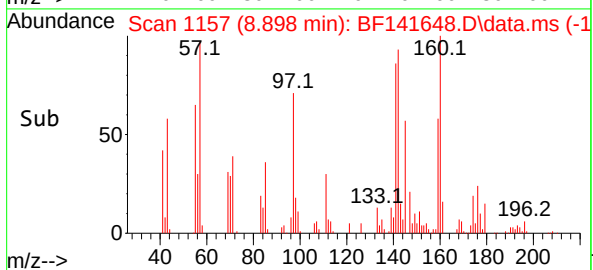
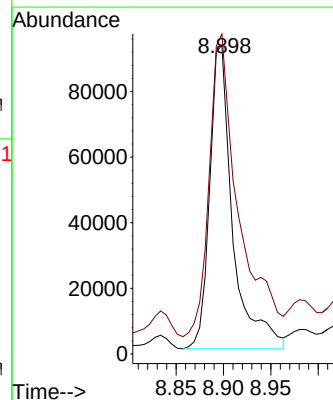
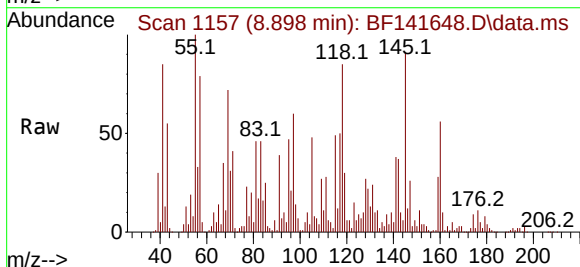
Acq: 14 Feb 2025 19:08

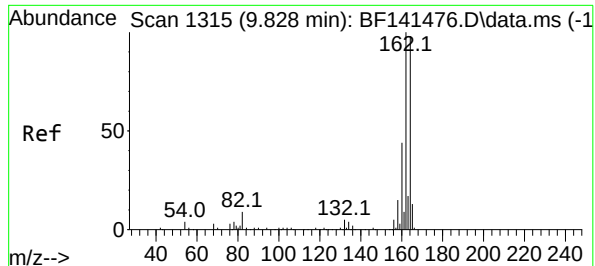
Tgt Ion:142 Resp: 156330

Ion Ratio Lower Upper

142 100

141 103.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

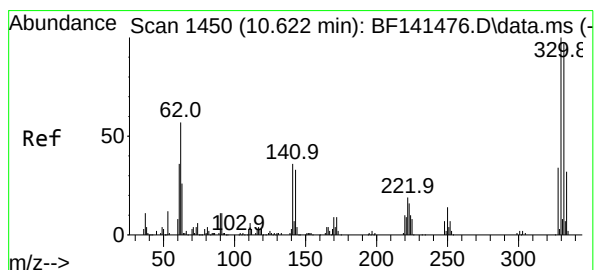
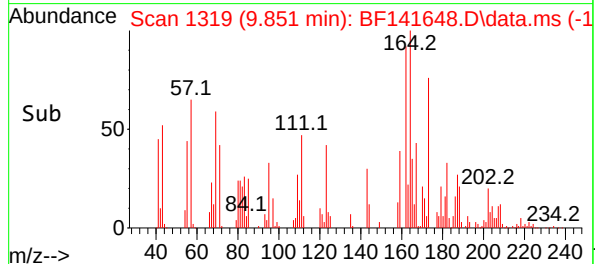
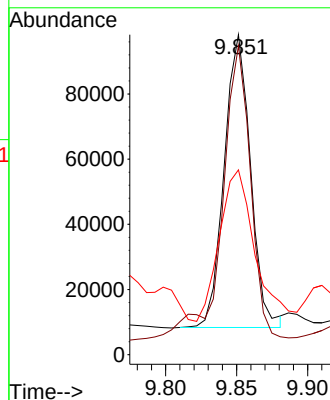
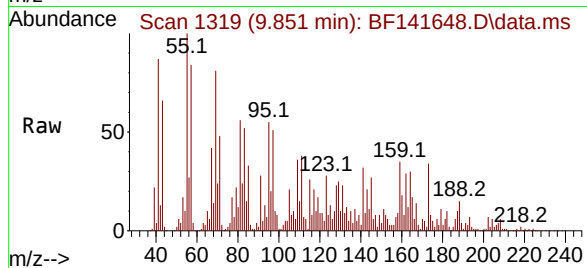
Tgt Ion:164 Resp: 116077

Ion Ratio Lower Upper

164 100

162 96.5 81.3 121.9

160 57.7 35.9 53.9#



#42

2,4,6-Tribromophenol

Concen: 30.688 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.018 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

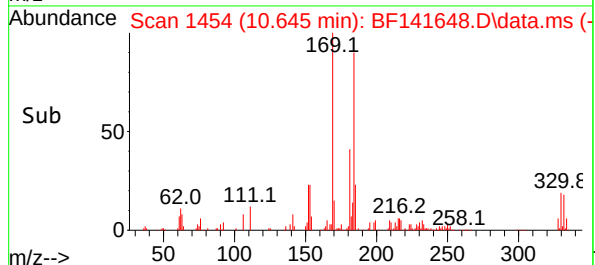
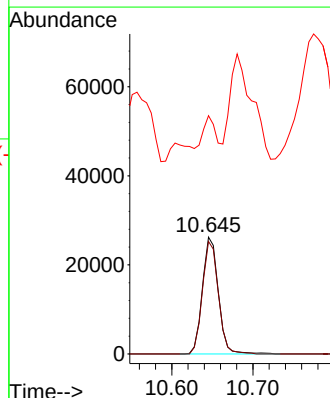
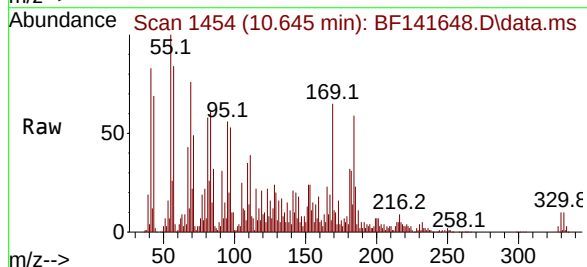
Tgt Ion:330 Resp: 35784

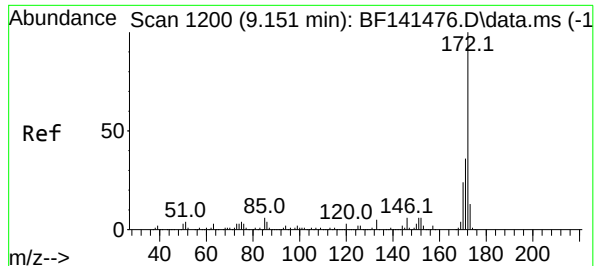
Ion Ratio Lower Upper

330 100

332 95.8 78.5 117.7

141 20.0 31.0 46.4#





#45

2-Fluorobiphenyl

Concen: 25.574 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

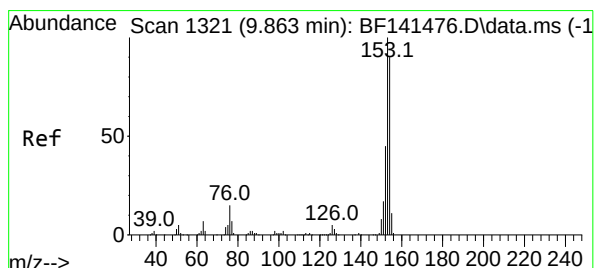
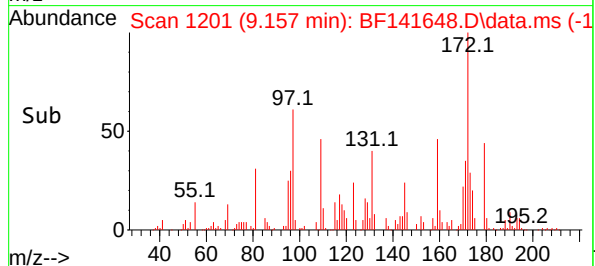
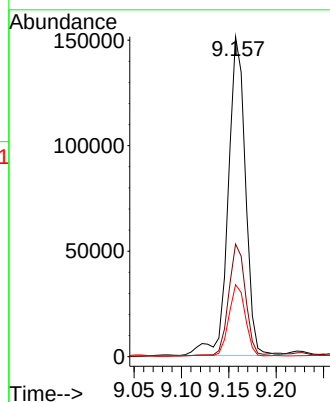
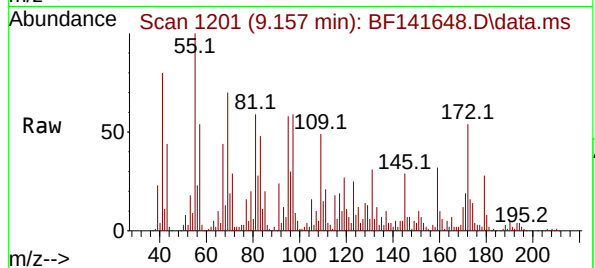
Tgt Ion:172 Resp: 192682

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 22.5 18.9 28.3



#52

Acenaphthene

Concen: 13.728 ng

RT: 9.886 min Scan# 1325

Delta R.T. 0.018 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

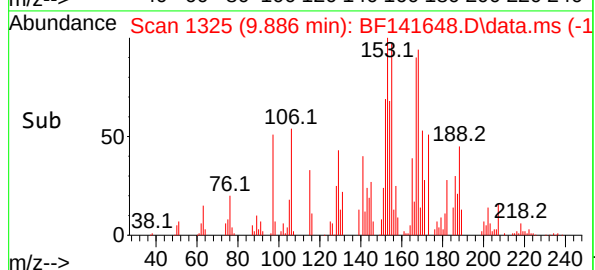
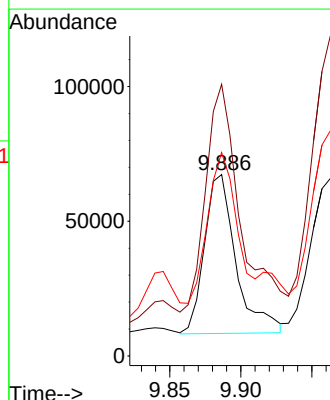
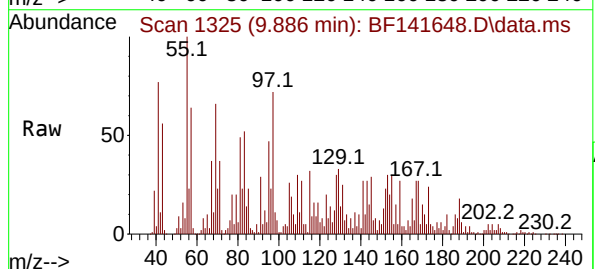
Tgt Ion:154 Resp: 91349

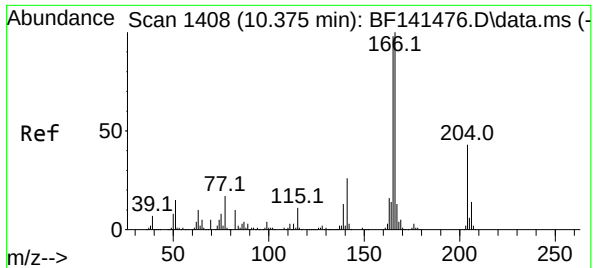
Ion Ratio Lower Upper

154 100

153 149.8 89.2 133.8#

152 112.0 39.8 59.8#

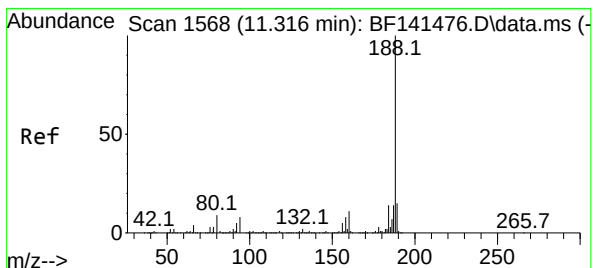
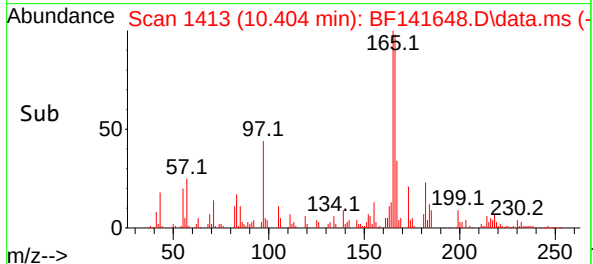
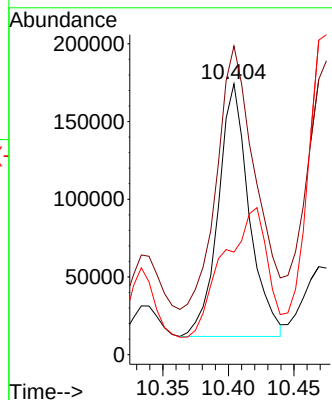
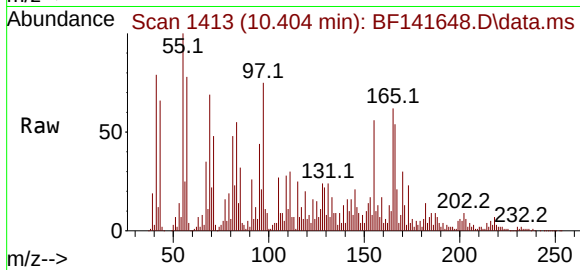




#58
Fluorene
Concen: 35.258 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.024 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

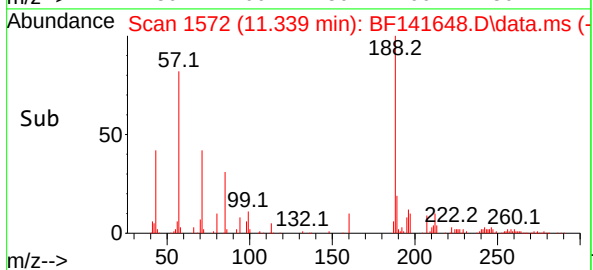
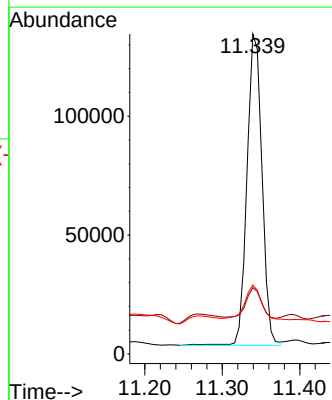
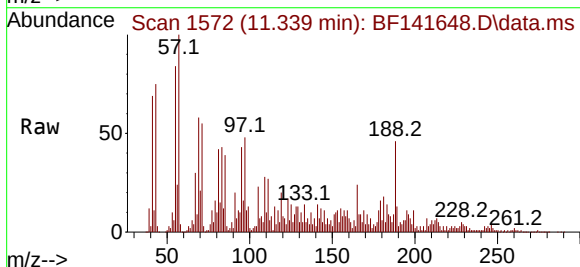
Instrument :
BNA_F
ClientSampleId :
MW1RDL

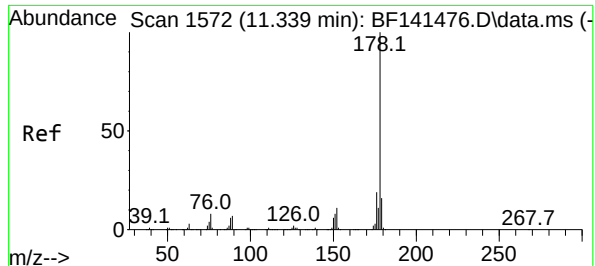
Tgt Ion:166 Resp: 266273
Ion Ratio Lower Upper
166 100
165 113.9 78.2 117.2
167 37.8 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. 0.024 min
Lab File: BF141648.D
Acq: 14 Feb 2025 19:08

Tgt Ion:188 Resp: 175889
Ion Ratio Lower Upper
188 100
94 20.7 6.6 10.0#
80 21.6 7.3 10.9#





#71

Phenanthrene

Concen: 54.209 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

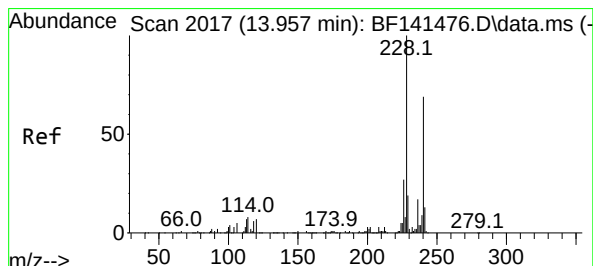
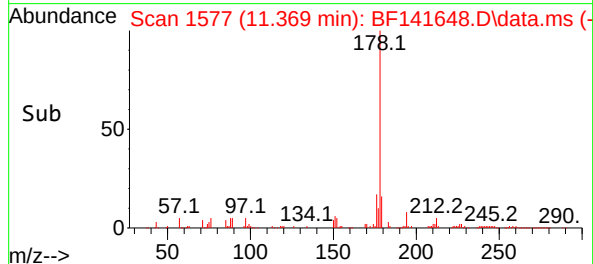
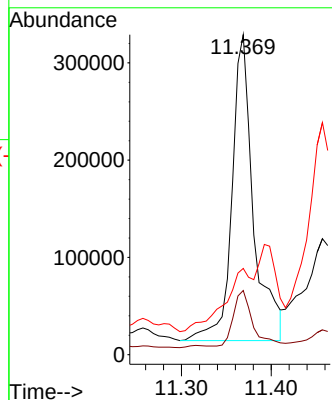
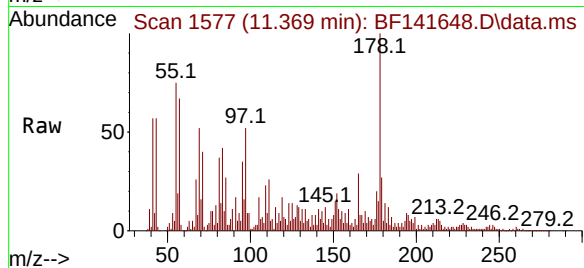
Tgt Ion:178 Resp: 524843

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

179 27.0 12.4 18.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

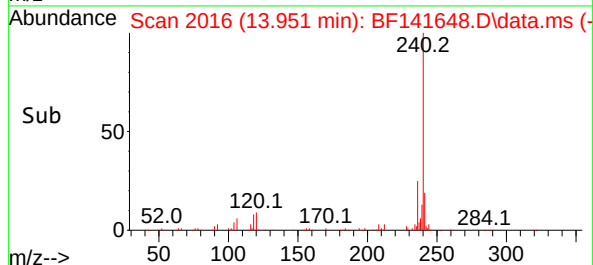
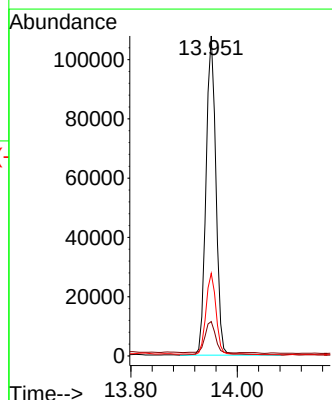
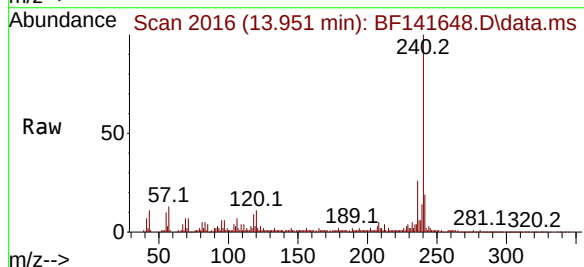
Tgt Ion:240 Resp: 138765

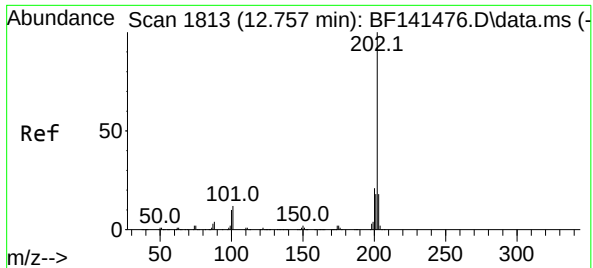
Ion Ratio Lower Upper

240 100

120 10.8 8.0 12.0

236 25.8 19.8 29.8





#78

Pyrene

Concen: 14.404 ng

RT: 12.769 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

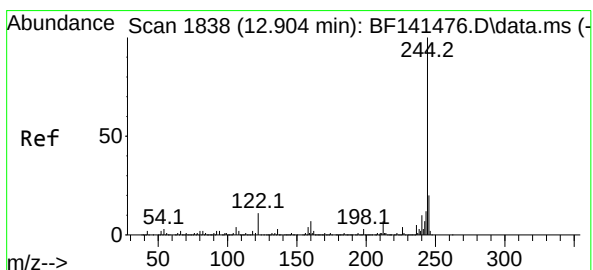
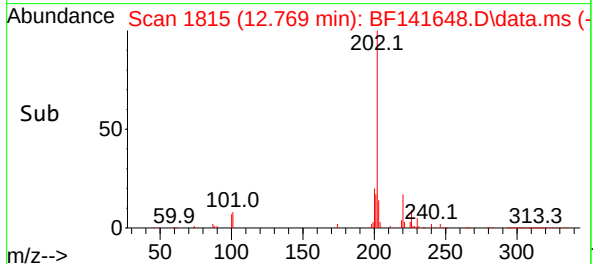
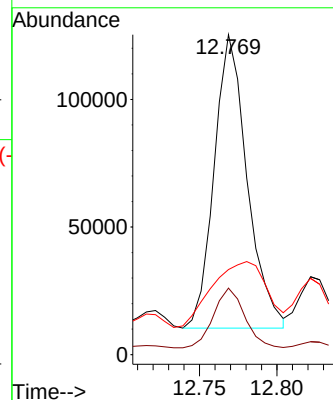
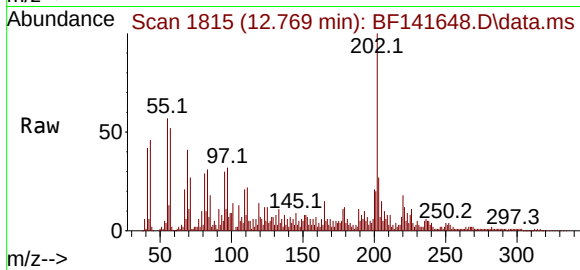
Tgt Ion:202 Resp: 170154

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 26.6 14.3 21.5#



#79

Terphenyl-d14

Concen: 19.331 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

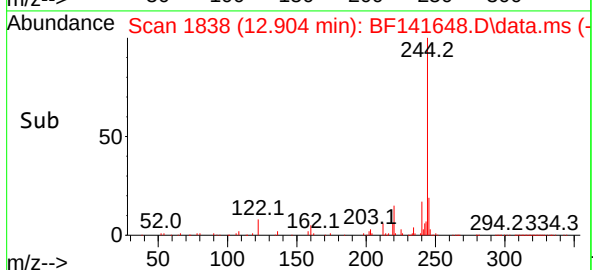
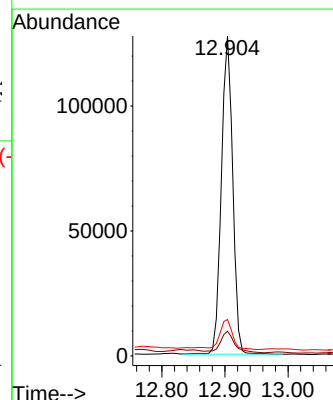
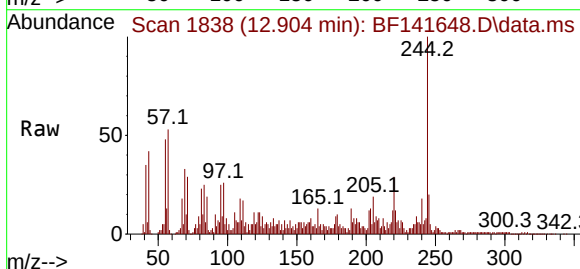
Tgt Ion:244 Resp: 158897

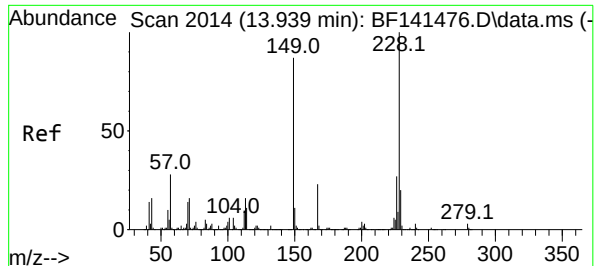
Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

122 11.4 8.4 12.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.349 ng

RT: 13.927 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

Instrument :

BNA_F

ClientSampleId :

MW1RDL

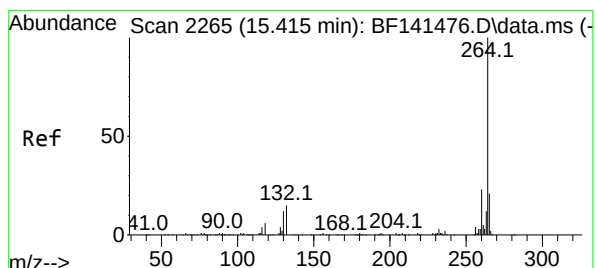
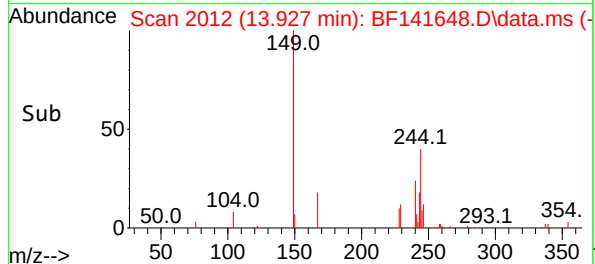
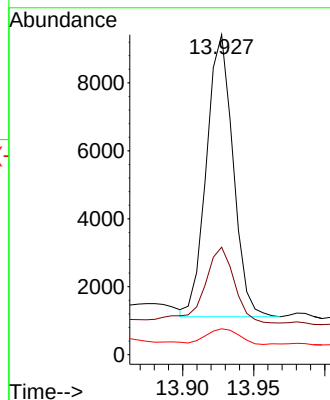
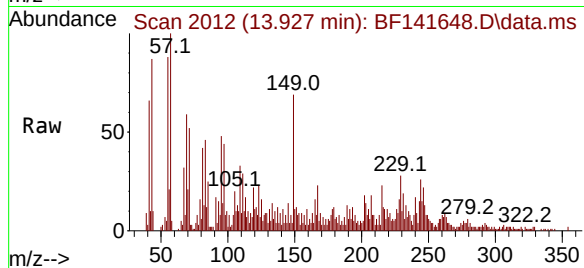
Tgt Ion:149 Resp: 10841

Ion Ratio Lower Upper

149 100

167 33.6 21.4 32.0#

279 8.1 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2262

Delta R.T. -0.017 min

Lab File: BF141648.D

Acq: 14 Feb 2025 19:08

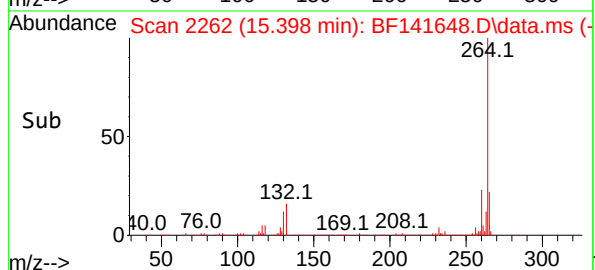
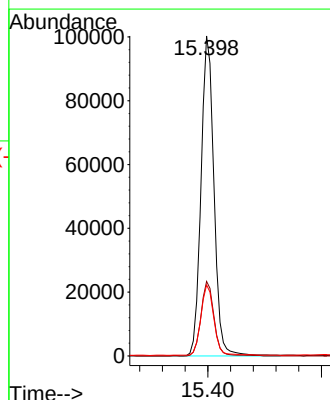
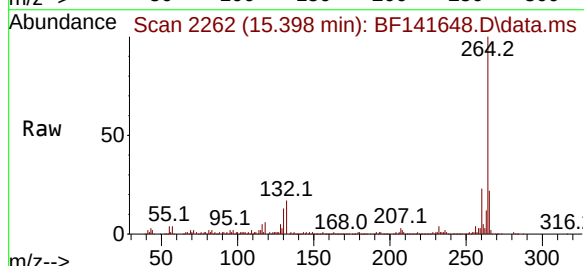
Tgt Ion:264 Resp: 158981

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.2 17.0 25.4





CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331
 Instrument ID: BNA_F Calibration Date(s): 02/06/2025 02/06/2025
 Calibration Time(s): 11:07 14:14

LAB FILE ID:		RRF2.5 = BF141472.D			RRF005 = BF141473.D		RRF010 = BF141474.D	
		RRF020 = BF141475.D			RRF040 = BF141476.D		RRF050 = BF141477.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.235	1.290	1.365	1.289	1.273	1.276	3.8
Benzaldehyde		0.892	0.993	0.981	0.821	0.747	0.857	13.9
Phenol-d6		1.619	1.629	1.704	1.613	1.599	1.612	3.1
Phenol		1.693	1.681	1.817	1.685	1.659	1.678	4.4
bis(2-Chloroethyl) ether		1.262	1.229	1.296	1.266	1.252	1.261	1.6
2-Chlorophenol		1.399	1.410	1.446	1.379	1.368	1.378	3.4
2-Methylphenol		1.116	1.089	1.121	1.077	1.059	1.079	3.1
2,2-oxybis(1-Chloropropane)		2.222	2.245	2.313	2.165	2.119	2.158	5.5
Acetophenone		0.517	0.502	0.521	0.493	0.483	0.498	3.4
3+4-Methylphenols		1.442	1.417	1.459	1.372	1.344	1.371	5.5
n-Nitroso-di-n-propylamine	0.950	0.978	0.985	1.039	0.969	0.947	0.964	4.0
Nitrobenzene-d5		0.380	0.379	0.396	0.385	0.378	0.383	1.6
Hexachloroethane		0.539	0.545	0.589	0.553	0.556	0.550	3.6
Nitrobenzene		0.370	0.371	0.383	0.374	0.369	0.374	1.3
Isophorone		0.611	0.594	0.633	0.611	0.601	0.611	2.0
2-Nitrophenol		0.171	0.175	0.190	0.193	0.190	0.186	4.9
2,4-Dimethylphenol		0.208	0.212	0.221	0.223	0.218	0.217	2.5
bis(2-Chloroethoxy) methane		0.384	0.390	0.408	0.394	0.387	0.392	2.0
2,4-Dichlorophenol		0.286	0.287	0.312	0.296	0.290	0.294	2.9
Naphthalene		1.067	1.041	1.096	1.037	1.012	1.041	3.0
4-Chloroaniline		0.354	0.352	0.382	0.364	0.360	0.363	2.8
Hexachlorobutadiene		0.193	0.191	0.200	0.192	0.188	0.192	2.0
Caprolactam		0.083	0.085	0.094	0.093	0.088	0.089	4.8
4-Chloro-3-methylphenol		0.310	0.324	0.342	0.329	0.324	0.325	2.9
2-Methylnaphthalene		0.688	0.689	0.719	0.669	0.659	0.677	3.4
Hexachlorocyclopentadiene			0.138	0.180	0.204	0.205	0.192	15.4
2,4,6-Trichlorophenol		0.364	0.365	0.389	0.377	0.373	0.374	2.3
2-Fluorobiphenyl		1.373	1.360	1.385	1.269	1.241	1.298	5.6
2,4,5-Trichlorophenol		0.385	0.407	0.430	0.410	0.394	0.405	3.5
1,1-Biphenyl		1.582	1.564	1.632	1.545	1.517	1.551	3.2
2-Chloronaphthalene		1.167	1.161	1.211	1.135	1.114	1.147	3.2
2-Nitroaniline		0.371	0.371	0.394	0.390	0.382	0.385	2.9
Dimethylphthalate		1.382	1.359	1.408	1.345	1.324	1.358	2.1
Acenaphthylene		1.739	1.736	1.791	1.696	1.660	1.705	3.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331
 Instrument ID: BNA_F Calibration Date(s): 02/06/2025 02/06/2025
 Calibration Time(s): 11:07 14:14

LAB FILE ID:		RRF2.5 = BF141472.D			RRF005 = BF141473.D		RRF010 = BF141474.D	
		RRF020 = BF141475.D			RRF040 = BF141476.D		RRF050 = BF141477.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.289	0.290	0.314	0.301	0.295	0.297	3.1
3-Nitroaniline		0.312	0.313	0.335	0.319	0.320	0.319	2.4
Acenaphthene		1.186	1.164	1.188	1.152	1.108	1.147	3.1
2,4-Dinitrophenol			0.133	0.167	0.177	0.185	0.176	13.8
4-Nitrophenol		0.190	0.216	0.247	0.249	0.249	0.237	10.4
Dibenzofuran		1.768	1.722	1.774	1.673	1.633	1.683	4.4
2,4-Dinitrotoluene		0.383	0.403	0.414	0.398	0.390	0.395	2.8
Diethylphthalate		1.400	1.346	1.398	1.330	1.300	1.336	3.7
4-Chlorophenyl-phenylether		0.661	0.643	0.659	0.622	0.602	0.626	4.7
Fluorene		1.359	1.361	1.377	1.290	1.239	1.301	4.9
4-Nitroaniline		0.315	0.319	0.333	0.335	0.319	0.324	2.3
4,6-Dinitro-2-methylphenol			0.116	0.140	0.142	0.142	0.139	8.5
n-Nitrosodiphenylamine		0.650	0.653	0.674	0.627	0.625	0.640	3.0
2,4,6-Tribromophenol		0.201	0.200	0.210	0.200	0.199	0.201	2.1
4-Bromophenyl-phenylether		0.228	0.220	0.234	0.221	0.220	0.224	2.5
Hexachlorobenzene		0.229	0.234	0.241	0.227	0.224	0.230	2.5
Atrazine		0.200	0.203	0.214	0.185	0.185	0.192	7.1
Pentachlorophenol		0.116	0.131	0.151	0.154	0.158	0.147	11.7
Phenanthrene		1.141	1.132	1.161	1.084	1.071	1.101	3.9
Anthracene		1.168	1.126	1.158	1.082	1.084	1.107	4.0
Carbazole		1.022	1.026	1.076	0.986	0.966	0.996	4.9
Di-n-butylphthalate		1.165	1.156	1.223	1.141	1.132	1.150	3.3
Fluoranthene		1.251	1.239	1.243	1.151	1.129	1.167	6.6
Pyrene		1.528	1.557	1.717	1.745	1.774	1.703	6.7
Terphenyl-d14		1.129	1.104	1.211	1.198	1.209	1.185	4.1
Butylbenzylphthalate		0.525	0.540	0.605	0.609	0.603	0.590	6.8
3,3-Dichlorobenzidine		0.397	0.411	0.407	0.377	0.363	0.381	6.3
Benzo (a) anthracene		1.381	1.332	1.350	1.345	1.309	1.329	2.5
Chrysene		1.187	1.223	1.314	1.201	1.215	1.228	3.3
Bis (2-ethylhexyl) phthalate		0.593	0.610	0.685	0.689	0.680	0.665	6.7
Di-n-octyl phthalate		0.802	0.814	0.910	0.965	1.010	0.949	11.8
Benzo (b) fluoranthene		1.286	1.407	1.398	1.336	1.350	1.343	3.9
Benzo (k) fluoranthene		1.113	1.216	1.247	1.142	1.074	1.147	5.5
Benzo (a) pyrene		1.085	1.074	1.115	1.080	1.069	1.087	1.4
Indeno (1,2,3-cd) pyrene		0.987	1.029	1.186	1.288	1.341	1.236	14.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331
 Instrument ID: BNA_F Calibration Date(s): 02/06/2025 02/06/2025
 Calibration Time(s): 11:07 14:14

LAB FILE ID:		RRF2.5 = BF141472.D		RRF005 = BF141473.D		RRF010 = BF141474.D		
		RRF020 = BF141475.D		RRF040 = BF141476.D		RRF050 = BF141477.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo (a,h) anthracene		0.796	0.828	0.970	1.051	1.092	1.001	14.1
Benzo (g,h,i) perylene		0.805	0.864	1.001	1.100	1.144	1.048	15.6
1,2,4,5-Tetrachlorobenzene		0.582	0.588	0.600	0.584	0.560	0.579	2.5
1,4-Dioxane		0.511	0.519	0.523	0.517	0.502	0.513	1.7
2,3,4,6-Tetrachlorophenol		0.332	0.361	0.359	0.348	0.348	0.349	3.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF020625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Feb 06 16:58:59 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF141472.D 5 =BF141473.D 10 =BF141474.D 20 =BF141475.D 40 =BF141476.D 50 =BF141477.D 60 =BF141478.D 80 =BF141479.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.511	0.519	0.523	0.517	0.502	0.521	0.501	0.513	1.73
3)	Pyridine		1.053	1.205	1.311	1.263	1.256	1.261	1.204	1.222	6.79
4)	n-Nitrosodimet...		0.737	0.774	0.820	0.818	0.835	0.846	0.833	0.809	4.83
5) S	2-Fluorophenol		1.235	1.290	1.365	1.289	1.273	1.264	1.214	1.276	3.77
6)	Aniline		1.476	1.545	1.650	1.538	1.506	1.494	1.379	1.513	5.42
7) S	Phenol-d6		1.619	1.629	1.704	1.613	1.599	1.585	1.538	1.612	3.13
8)	2-Chlorophenol		1.399	1.410	1.446	1.379	1.368	1.345	1.302	1.378	3.38
9)	Benzaldehyde		0.892	0.993	0.981	0.821	0.747	0.706		0.857	13.92
10) C	Phenol		1.693	1.681	1.817	1.685	1.659	1.644	1.569	1.678	4.42
11)	bis(2-Chloroet...		1.262	1.229	1.296	1.266	1.252	1.262	1.256	1.261	1.59
12)	1,3-Dichlorobe...		1.473	1.482	1.554	1.441	1.441	1.430	1.366	1.455	3.95
13) C	1,4-Dichlorobe...		1.546	1.538	1.571	1.471	1.465	1.439	1.379	1.487	4.59
14)	1,2-Dichlorobe...		1.393	1.439	1.473	1.374	1.351	1.345	1.285	1.380	4.55
15)	Benzyl Alcohol		1.191	1.251	1.322	1.262	1.248	1.218	1.163	1.236	4.19
16)	2,2'-oxybis(1-...		2.222	2.245	2.313	2.165	2.119	2.082	1.959	2.158	5.45
17)	2-Methylphenol		1.116	1.089	1.121	1.077	1.059	1.066	1.024	1.079	3.15
18)	Hexachloroethane		0.539	0.545	0.589	0.553	0.556	0.544	0.526	0.550	3.59
19) P	n-Nitroso-di-n...	0.950	0.978	0.985	1.039	0.969	0.947	0.941	0.907	0.964	4.03
20)	3+4-Methylphenols		1.442	1.417	1.459	1.372	1.344	1.319	1.244	1.371	5.52
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.517	0.502	0.521	0.493	0.483	0.488	0.478	0.498	3.35
23) S	Nitrobenzene-d5		0.380	0.379	0.396	0.385	0.378	0.381	0.384	0.383	1.58
24)	Nitrobenzene		0.370	0.371	0.383	0.374	0.369	0.375	0.376	0.374	1.29
25)	Isophorone		0.611	0.594	0.633	0.611	0.601	0.617	0.614	0.611	2.04
26) C	2-Nitrophenol		0.171	0.175	0.190	0.193	0.190	0.193	0.191	0.186	4.91
27)	2,4-Dimethylph...		0.208	0.212	0.221	0.223	0.218	0.220	0.220	0.217	2.46
28)	bis(2-Chloroet...		0.384	0.390	0.408	0.394	0.387	0.391	0.388	0.392	2.03
29) C	2,4-Dichloroph...		0.286	0.287	0.312	0.296	0.290	0.292	0.292	0.294	2.95
30)	1,2,4-Trichlor...		0.327	0.321	0.331	0.317	0.312	0.317	0.314	0.320	2.12
31)	Naphthalene		1.067	1.041	1.096	1.037	1.012	1.022	1.012	1.041	2.98
32)	Benzoic acid			0.186	0.217	0.229	0.233	0.243	0.246	0.226	9.70
33)	4-Chloroaniline		0.354	0.352	0.382	0.364	0.360	0.364	0.370	0.363	2.82
34) C	Hexachlorobuta...		0.193	0.191	0.200	0.192	0.188	0.191	0.189	0.192	2.01
35)	Caprolactam		0.083	0.085	0.094	0.093	0.088	0.091	0.092	0.089	4.75
36) C	4-Chloro-3-met...		0.310	0.324	0.342	0.329	0.324	0.325	0.324	0.325	2.91
37)	2-Methylnaphth...		0.688	0.689	0.719	0.669	0.659	0.666	0.652	0.677	3.42
38)	1-Methylnaphth...		0.680	0.657	0.691	0.656	0.637	0.640	0.631	0.656	3.40

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF020625.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.582	0.588	0.600	0.584	0.560	0.574	0.562	0.579	2.50
41) P	Hexachlorocycl...	0.138	0.180	0.204	0.205	0.214	0.214	0.192		15.36
42) S	2,4,6-Tribromo...	0.201	0.200	0.210	0.200	0.199	0.201	0.196	0.201	2.08
43) C	2,4,6-Trichlor...	0.364	0.365	0.389	0.377	0.373	0.378	0.372	0.374	2.28
44)	2,4,5-Trichlor...	0.385	0.407	0.430	0.410	0.394	0.409	0.401	0.405	3.51
45) S	2-Fluorobiphenyl	1.373	1.360	1.385	1.269	1.241	1.259	1.201	1.298	5.62
46)	1,1'-Biphenyl	1.582	1.564	1.632	1.545	1.517	1.537	1.478	1.551	3.16
47)	2-Chloronaphth...	1.167	1.161	1.211	1.135	1.114	1.136	1.103	1.147	3.18
48)	2-Nitroaniline	0.371	0.371	0.394	0.390	0.382	0.401	0.385	0.385	2.92
49)	Acenaphthylene	1.739	1.736	1.791	1.696	1.660	1.689	1.626	1.705	3.21
50)	Dimethylphthalate	1.382	1.359	1.408	1.345	1.324	1.341	1.345	1.358	2.09
51)	2,6-Dinitrotol...	0.289	0.290	0.314	0.301	0.295	0.299	0.290	0.297	3.06
52) C	Acenaphthene	1.186	1.164	1.188	1.152	1.108	1.127	1.101	1.147	3.10
53)	3-Nitroaniline	0.312	0.313	0.335	0.319	0.320	0.321	0.316	0.319	2.35
54) P	2,4-Dinitrophenol	0.133	0.167	0.177	0.185	0.198	0.198	0.176		13.83
55)	Dibenzofuran	1.768	1.722	1.774	1.673	1.633	1.634	1.576	1.683	4.44
56) P	4-Nitrophenol	0.190	0.216	0.247	0.249	0.249	0.257	0.251	0.237	10.43
57)	2,4-Dinitrotol...	0.383	0.403	0.414	0.398	0.390	0.396	0.383	0.395	2.83
58)	Fluorene	1.359	1.361	1.377	1.290	1.239	1.263	1.221	1.301	4.90
59)	2,3,4,6-Tetrac...	0.332	0.361	0.359	0.348	0.348	0.355	0.340	0.349	2.95
60)	Diethylphthalate	1.400	1.346	1.398	1.330	1.300	1.308	1.269	1.336	3.71
61)	4-Chlorophenyl...	0.661	0.643	0.659	0.622	0.602	0.611	0.585	0.626	4.66
62)	4-Nitroaniline	0.315	0.319	0.333	0.335	0.319	0.327	0.324	0.324	2.28
63)	Azobenzene	1.348	1.329	1.385	1.326	1.295	1.320	1.294	1.328	2.38
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.116	0.140	0.142	0.142	0.146	0.148	0.139		8.48
66) c	n-Nitrosodiphe...	0.650	0.653	0.674	0.627	0.625	0.625	0.627	0.640	2.97
67)	4-Bromophenyl-...	0.228	0.220	0.234	0.221	0.220	0.221	0.221	0.224	2.46
68)	Hexachlorobenzene	0.229	0.234	0.241	0.227	0.224	0.228	0.228	0.230	2.46
69)	Atrazine	0.200	0.203	0.214	0.185	0.185	0.182	0.176	0.192	7.12
70) C	Pentachlorophenol	0.116	0.131	0.151	0.154	0.158	0.159	0.160	0.147	11.68
71)	Phenanthrene	1.141	1.132	1.161	1.084	1.071	1.069	1.049	1.101	3.91
72)	Anthracene	1.168	1.126	1.158	1.082	1.084	1.071	1.057	1.107	3.99
73)	Carbazole	1.022	1.026	1.076	0.986	0.966	0.961	0.933	0.996	4.87
74)	Di-n-butylphth...	1.165	1.156	1.223	1.141	1.132	1.126	1.105	1.150	3.29
75) C	Fluoranthene	1.251	1.239	1.243	1.151	1.129	1.091	1.065	1.167	6.63
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.474	0.487	0.334	0.528	0.432	0.351	0.481	0.441	16.58
78)	Pyrene	1.528	1.557	1.717	1.745	1.774	1.807	1.789	1.703	6.67
79) S	Terphenyl-d14	1.129	1.104	1.211	1.198	1.209	1.234	1.208	1.185	4.07
80)	Butylbenzylpht...	0.525	0.540	0.605	0.609	0.603	0.623	0.624	0.590	6.83
81)	Benzo(a)anthra...	1.381	1.332	1.350	1.345	1.309	1.309	1.279	1.329	2.51
82)	3,3'-Dichlorob...	0.397	0.411	0.407	0.377	0.363	0.353	0.358	0.381	6.31
83)	Chrysene	1.187	1.223	1.314	1.201	1.215	1.224	1.229	1.228	3.34
84)	Bis(2-ethylhex...	0.593	0.610	0.685	0.689	0.680	0.697	0.702	0.665	6.68
85) c	Di-n-octyl pht...	0.802	0.814	0.910	0.965	1.010	1.051	1.090	0.949	11.82

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF020625.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	0.987	1.029	1.186	1.288	1.341	1.410	1.408	1.236	14.06	
88)	Benzo(b)fluora...	1.286	1.407	1.398	1.336	1.350	1.356	1.268	1.343	3.88	
89)	Benzo(k)fluora...	1.113	1.216	1.247	1.142	1.074	1.098	1.138	1.147	5.49	
90) C	Benzo(a)pyrene	1.085	1.074	1.115	1.080	1.069	1.094	1.089	1.087	1.41	
91)	Dibenzo(a,h)an...	0.796	0.828	0.970	1.051	1.092	1.138	1.134	1.001	14.13	
92)	Benzo(g,h,i)pe...	0.805	0.864	1.001	1.100	1.144	1.203	1.218	1.048	15.60	

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141472.D
Acq On : 06 Feb 2025 11:07
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Feb 06 16:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
Response via : Initial Calibration

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

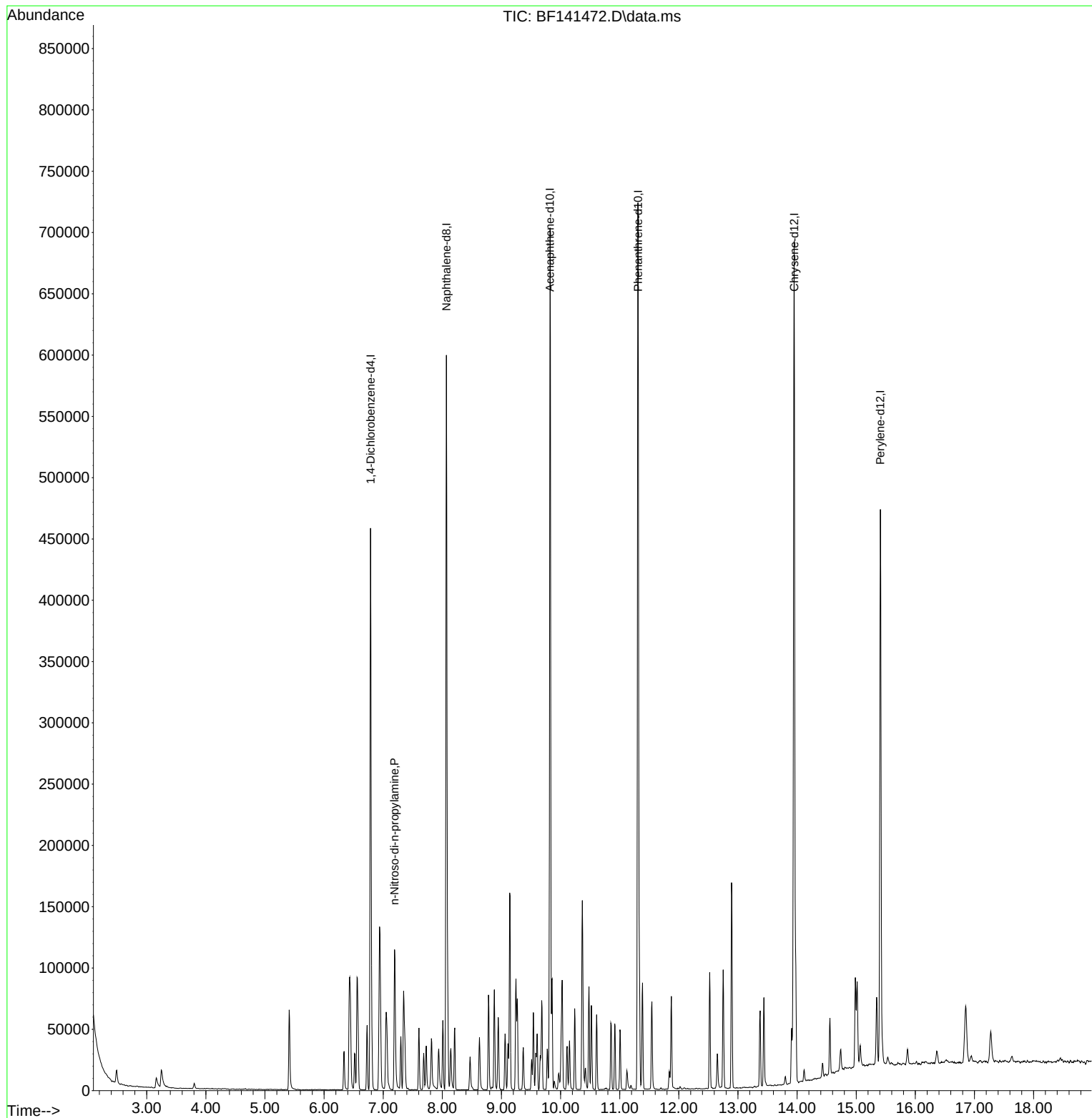
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91402	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	372084	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	206500	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	361595	20.000	ng	0.00
76) Chrysene-d12	13.951	240	309941	20.000	ng	-0.01
86) Perylene-d12	15.410	264	259363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.192	70	10850	2.462	ng	92

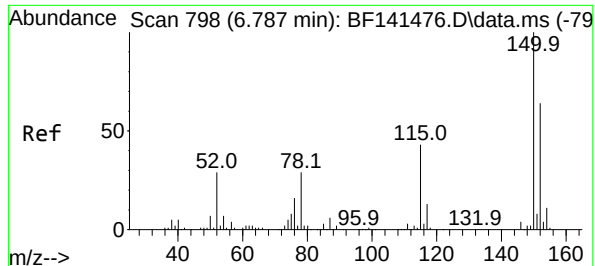
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141472.D
Acq On : 06 Feb 2025 11:07
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

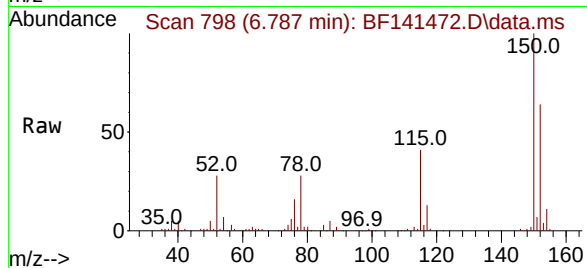
Quant Time: Feb 06 16:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
Response via : Initial Calibration



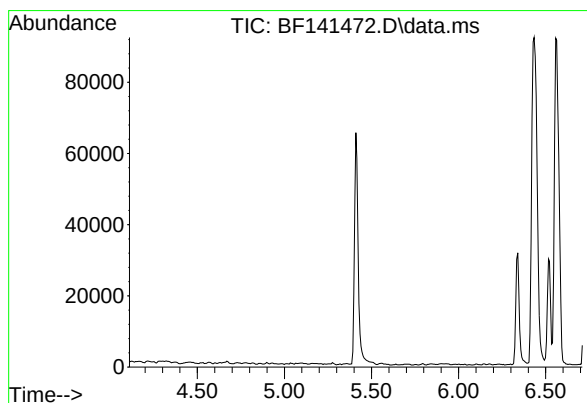
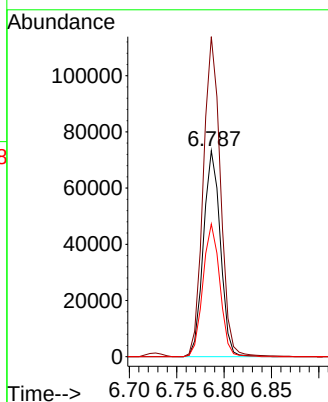
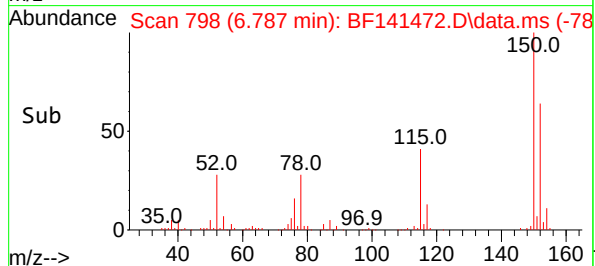


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141472.D
Acq: 06 Feb 2025 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



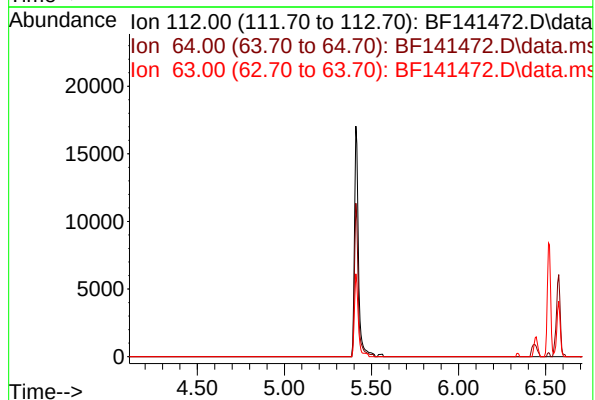
Tgt Ion:152 Resp: 91402
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.4
115 64.4 53.6 80.4

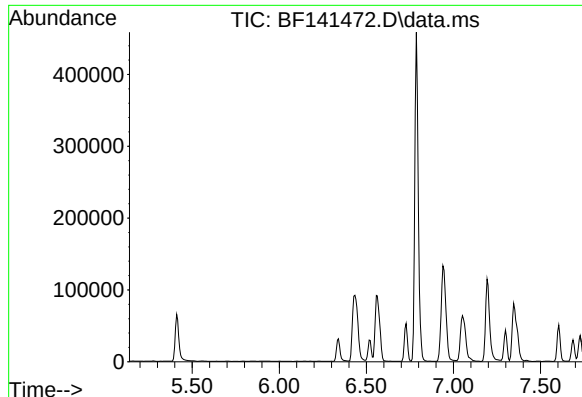


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BF141472.D
Acq: 06 Feb 2025 11:07

Tgt Ion: 112
Sig Exp Ratio
112 100
64 63.9
63 35.5





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.44 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

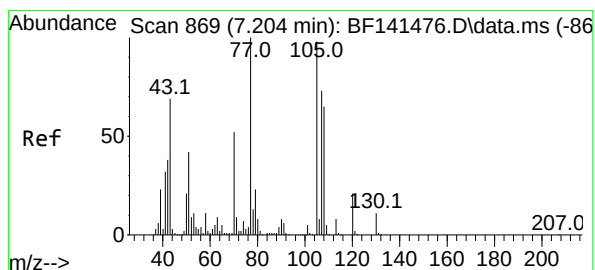
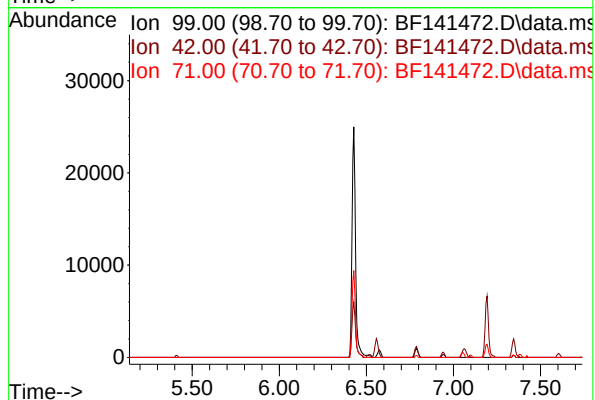
Tgt Ion: 99

Sig Exp Ratio

99 100

42 23.9

71 38.9



#19

n-Nitroso-di-n-propylamine

Concen: 2.462 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

Tgt Ion: 70 Resp: 10850

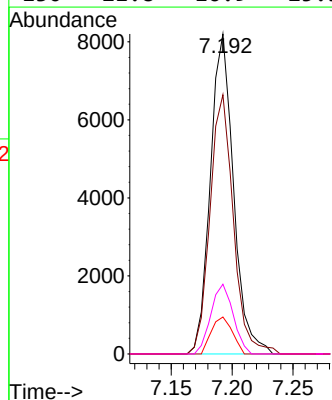
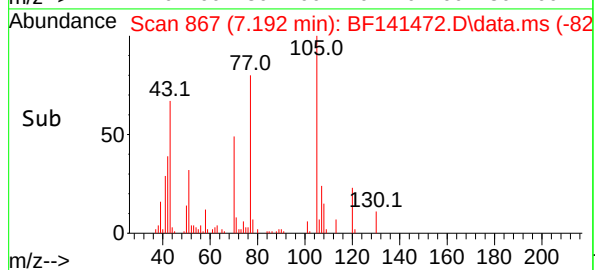
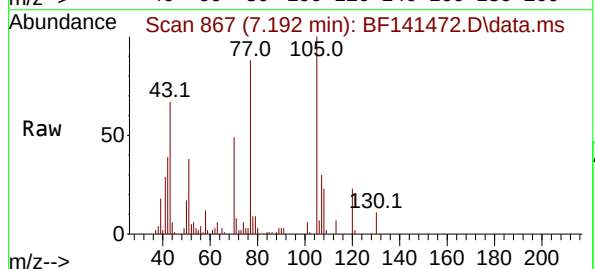
Ion Ratio Lower Upper

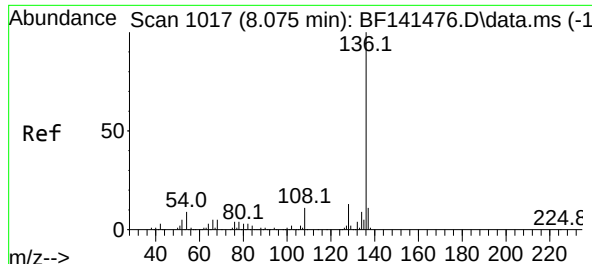
70 100

42 81.0 57.4 86.2

101 11.5 8.0 12.0

130 21.8 16.9 25.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141472.D

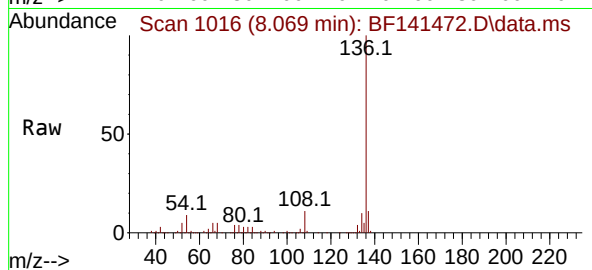
Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 372084

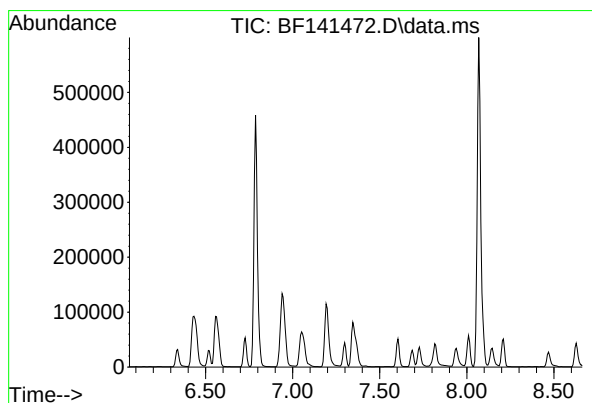
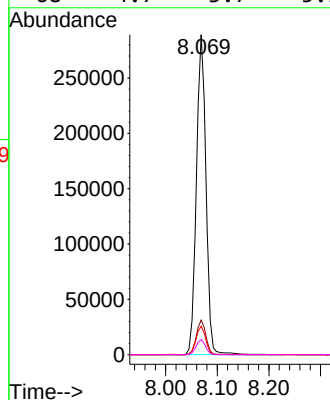
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.9 7.2 10.8

68 4.7 3.7 5.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.36 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

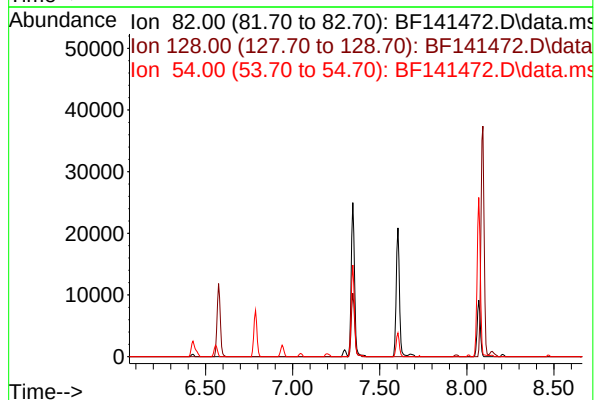
Tgt Ion: 82

Sig Exp Ratio

82 100

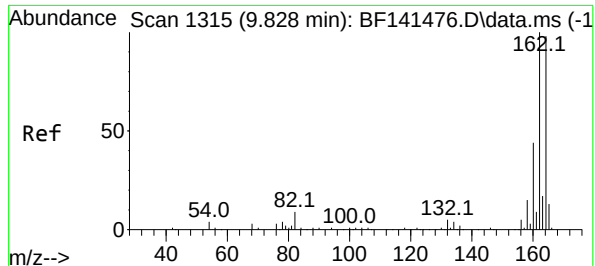
128 43.5

54 60.3



Ion 128.00 (127.70 to 128.70): BF141472.D\data.ms

Ion 54.00 (53.70 to 54.70): BF141472.D\data.ms



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141472.D

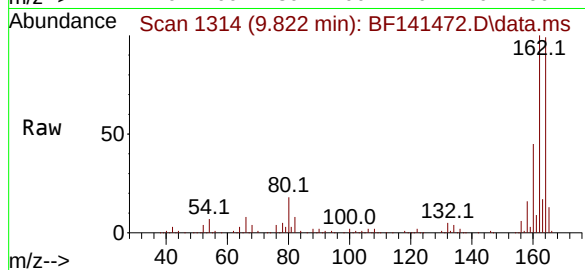
Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



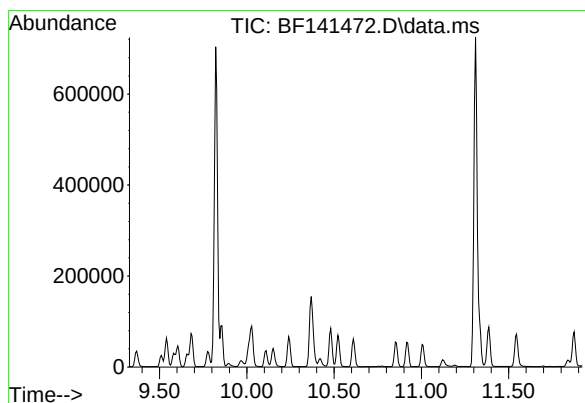
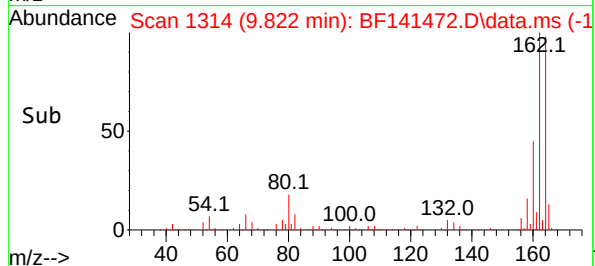
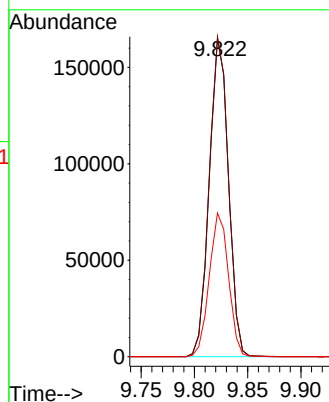
Tgt Ion:164 Resp: 206500

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 45.1 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.63 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

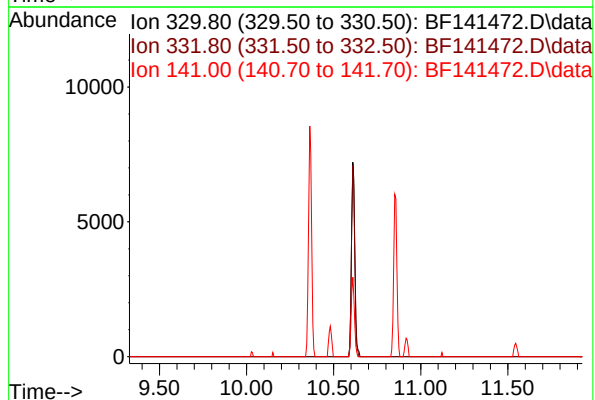
Tgt Ion: 330

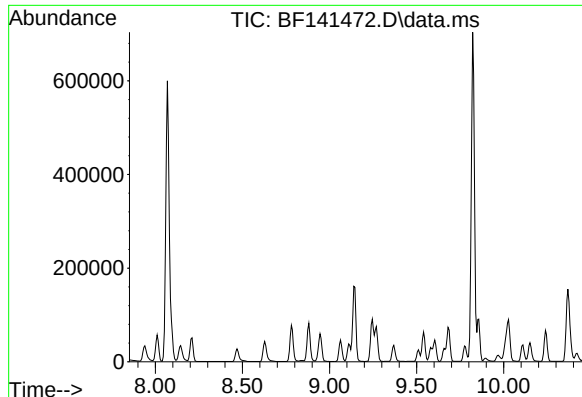
Sig Exp Ratio

330 100

332 98.1

141 38.7





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.15 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

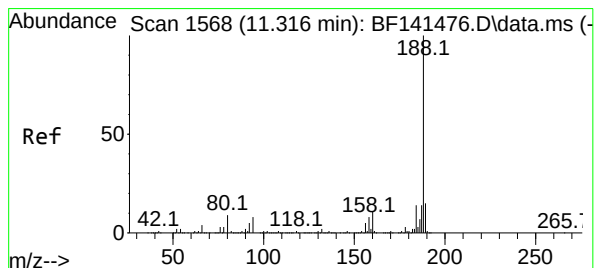
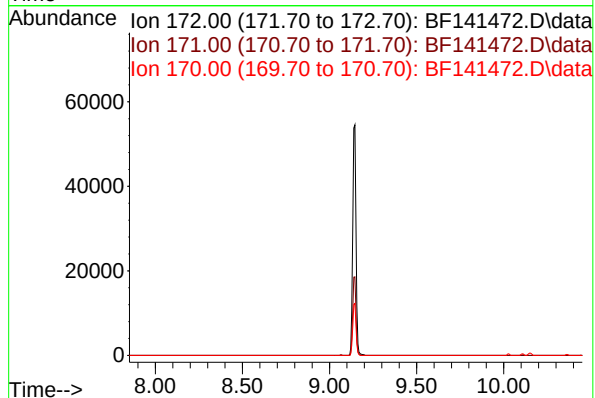
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.9

170 23.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

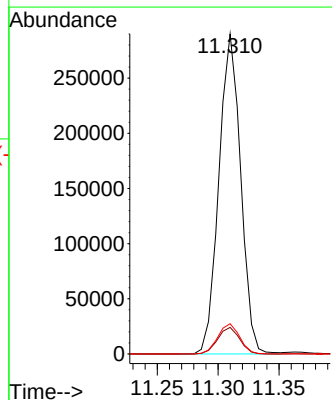
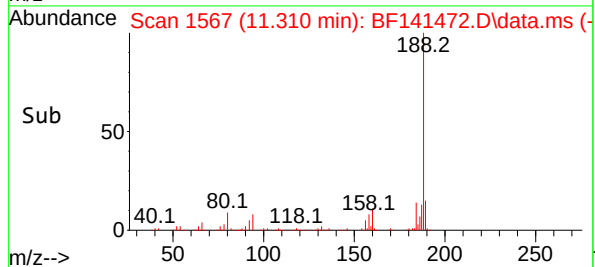
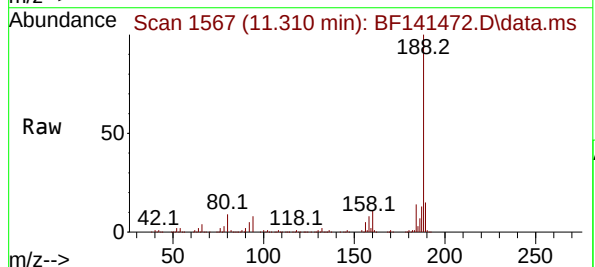
Tgt Ion:188 Resp: 361595

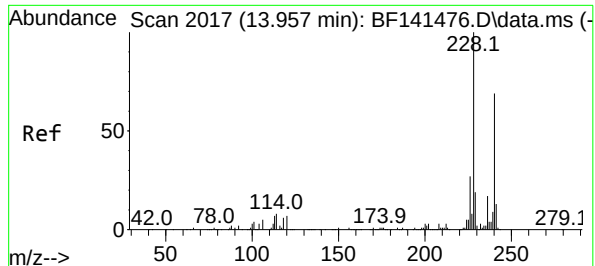
Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

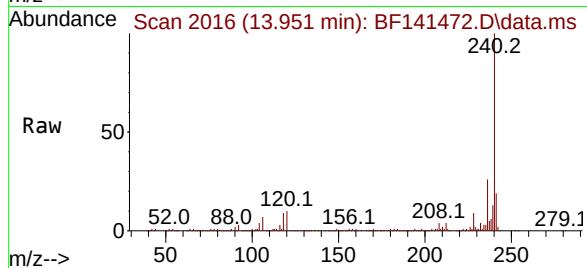
80 9.5 7.3 10.9



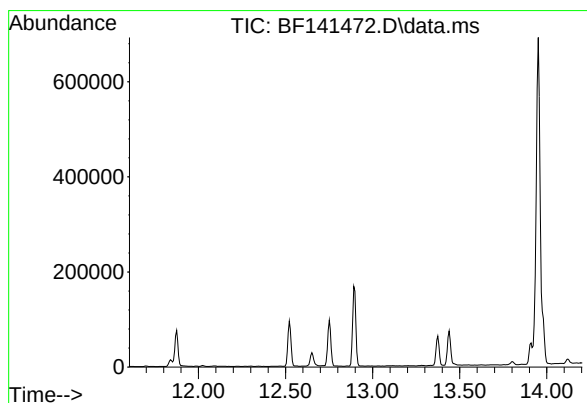
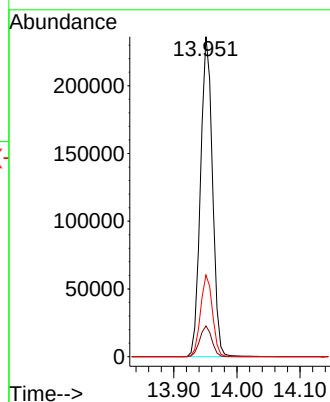
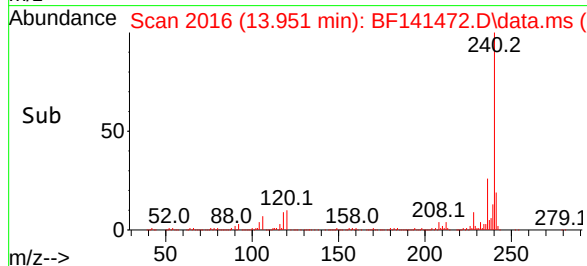


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141472.D
Acq: 06 Feb 2025 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



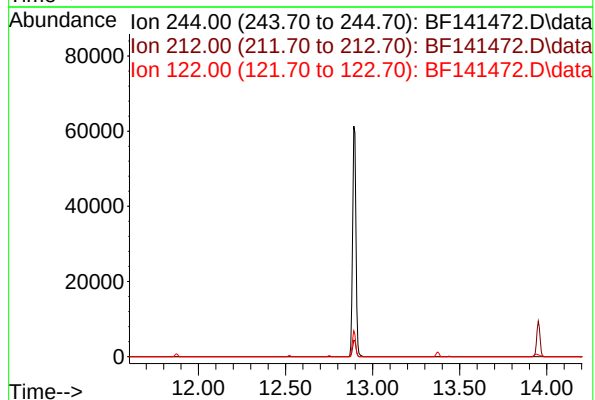
Tgt Ion:240 Resp: 309941
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.5 19.8 29.8

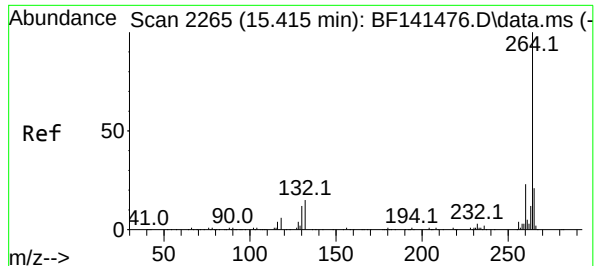


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.90 min

Lab File: BF141472.D
Acq: 06 Feb 2025 11:07

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.0
122 10.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141472.D

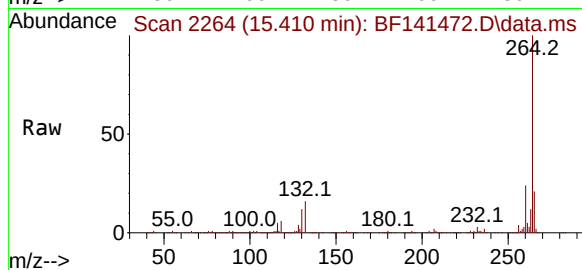
Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



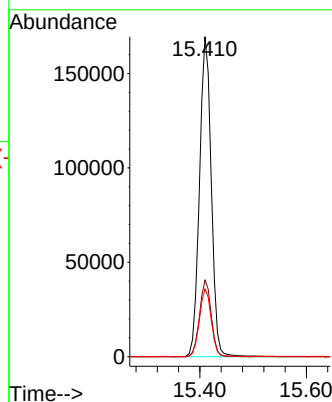
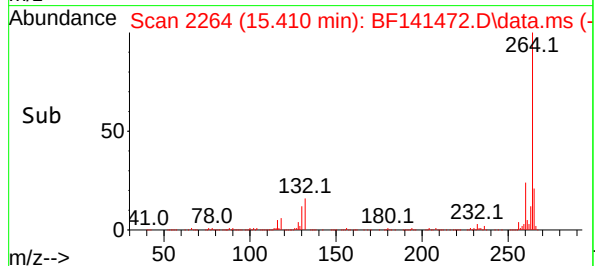
Tgt Ion:264 Resp: 259363

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.2 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141473.D
 Acq On : 06 Feb 2025 11:34
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Feb 06 16:00:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89396	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	358966	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	199514	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	351213	20.000	ng	0.00
76) Chrysene-d12	13.951	240	295087	20.000	ng	-0.01
86) Perylene-d12	15.410	264	233325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	55200	9.680	ng	0.00
7) Phenol-d6	6.422	99	72376	10.042	ng	-0.02
23) Nitrobenzene-d5	7.345	82	68257	9.918	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	20060	10.009	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	136925	10.573	ng	0.00
79) Terphenyl-d14	12.892	244	166601	9.531	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	11419	4.976	ng	95
3) Pyridine	3.228	79	23540	4.310	ng	97
4) n-Nitrosodimethylamine	3.152	42	16481	4.558	ng	# 96
6) Aniline	6.445	93	32993	4.880	ng	97
8) 2-Chlorophenol	6.575	128	31263	5.074	ng	99
9) Benzaldehyde	6.334	77	19944	5.207	ng	94
10) Phenol	6.440	94	37833	5.044	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	28203	5.006	ng	97
12) 1,3-Dichlorobenzene	6.728	146	32913	5.060	ng	99
13) 1,4-Dichlorobenzene	6.804	146	34555	5.199	ng	97
14) 1,2-Dichlorobenzene	6.957	146	31141	5.049	ng	96
15) Benzyl Alcohol	6.928	79	26612	4.815	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	49667	5.150	ng	99
17) 2-Methylphenol	7.045	107	24939	5.173	ng	96
18) Hexachloroethane	7.298	117	12043	4.896	ng	98
19) n-Nitroso-di-n-propyla...	7.192	70	21865	5.072	ng	97
20) 3+4-Methylphenols	7.198	107	32221	5.258	ng	94
22) Acetophenone	7.192	105	46441	5.201	ng	95
24) Nitrobenzene	7.363	77	33173	4.943	ng	99
25) Isophorone	7.604	82	54796	4.993	ng	99
26) 2-Nitrophenol	7.687	139	15331	4.592	ng	97
27) 2,4-Dimethylphenol	7.728	122	18659	4.784	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	34469	4.902	ng	100
29) 2,4-Dichlorophenol	7.934	162	25667	4.870	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	29321	5.109	ng	96
31) Naphthalene	8.092	128	95730	5.123	ng	99
33) 4-Chloroaniline	8.145	127	31729	4.864	ng	98
34) Hexachlorobutadiene	8.210	225	17323	5.028	ng	98
35) Caprolactam	8.475	113	7437	4.635	ng	94
36) 4-Chloro-3-methylphenol	8.628	107	27818	4.765	ng	98
37) 2-Methylnaphthalene	8.781	142	61742	5.078	ng	97
38) 1-Methylnaphthalene	8.881	142	61026	5.182	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	29023	5.028	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	18144	4.863	ng	99
44) 2,4,5-Trichlorophenol	9.110	196	19204	4.750	ng	98
46) 1,1'-Biphenyl	9.245	154	78931	5.103	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141473.D
 Acq On : 06 Feb 2025 11:34
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Feb 06 16:00:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.269	162	58201	5.088	ng	100
48) 2-Nitroaniline	9.369	65	18494	4.818	ng	98
49) Acenaphthylene	9.681	152	86721	5.097	ng	100
50) Dimethylphthalate	9.539	163	68921	5.088	ng	99
51) 2,6-Dinitrotoluene	9.604	165	14394	4.861	ng	94
52) Acenaphthene	9.857	154	59139	5.171	ng	99
53) 3-Nitroaniline	9.775	138	15563	4.884	ng	98
55) Dibenzofuran	10.028	168	88178	5.252	ng	99
56) 4-Nitrophenol	9.963	139	9482	4.008	ng	94
57) 2,4-Dinitrotoluene	10.010	165	19087	4.842	ng	# 96
58) Fluorene	10.369	166	67764	5.220	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	16570	4.760	ng	99
60) Diethylphthalate	10.239	149	69845	5.241	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	32951	5.277	ng	99
62) 4-Nitroaniline	10.381	138	15711	4.855	ng	95
63) Azobenzene	10.522	77	67256	5.077	ng	99
66) n-Nitrosodiphenylamine	10.481	169	57063	5.076	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	20012	5.098	ng	99
68) Hexachlorobenzene	10.922	284	20138	4.982	ng	98
69) Atrazine	11.010	200	17519	5.194	ng	93
70) Pentachlorophenol	11.122	266	10151	3.928	ng	98
71) Phenanthrene	11.333	178	100202	5.183	ng	100
72) Anthracene	11.386	178	102596	5.279	ng	98
73) Carbazole	11.545	167	89721	5.131	ng	100
74) Di-n-butylphthalate	11.875	149	102296	5.066	ng	100
75) Fluoranthene	12.522	202	109883	5.361	ng	98
77) Benzidine	12.651	184	34946	5.370	ng	99
78) Pyrene	12.751	202	112700	4.486	ng	100
80) Butylbenzylphthalate	13.374	149	38714	4.449	ng	98
81) Benzo(a)anthracene	13.939	228	101861	5.193	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	29306	5.216	ng	98
83) Chrysene	13.980	228	87555	4.834	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	43735	4.457	ng	98
85) Di-n-octyl phthalate	14.557	149	59200	4.229	ng	100
87) Indeno(1,2,3-cd)pyrene	16.839	276	57572	3.993	ng	99
88) Benzo(b)fluoranthene	14.986	252	75033	4.789	ng	99
89) Benzo(k)fluoranthene	15.016	252	64919	4.853	ng	98
90) Benzo(a)pyrene	15.345	252	63295	4.993	ng	98
91) Dibenzo(a,h)anthracene	16.857	278	46421	3.974	ng	98
92) Benzo(g,h,i)perylene	17.274	276	46952	3.841	ng	99

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

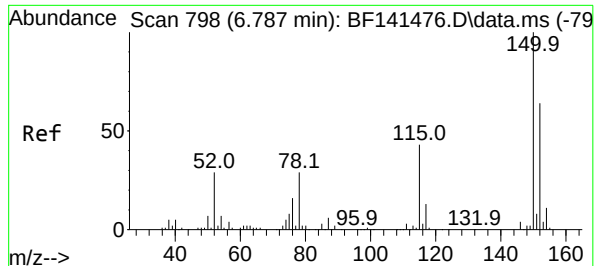
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Abundance

TIC: BF141473.D\data.ms

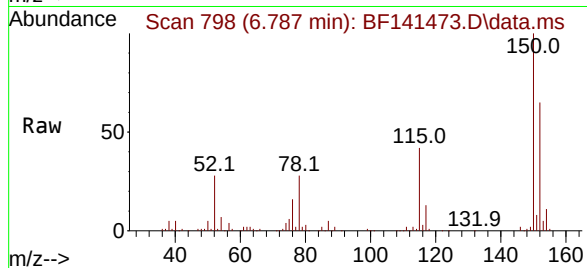
Time-->

1,4-Dioxane
N,N-dimethylmethanamine,
2-Fluorophenol, S
Benzaldehyde
bis(2-chloroethoxy)methanol
1,3-Dichloropropane
Phenol, d6, S
1,4-Dichlorobenzene-d4, I
2,2'-Bis[4-(chloromethyl)phenyl]propane
Hexachlorocyclopentadiene
Nitrobenzene-d5, S
2-Nitrotoluene
Isobutylene
2,4-Dichlorophenylmethane
4-Chlorophenylmethane
Caprolactam
4-Chloro-3-methylphenol, C
2,4,5-Trichlorophenol, C
2,4,6-Trichlorophenol, C
2-Nitroanisole
2,6-Dinitrophenylphthalate
3-Nitroanisole
4-Nitrophenoxy, 2,4-Dinitrofluorene
2,3,4,6-Tetrachlorophthalate
Acenaphthene, C
Dibenzofluorene
2,2'-Bis[4-(chloromethyl)phenyl]propane
2,2'-Bis[4-(chloromethyl)phenyl]ether
Pentachlorophenol, C
Phenanthrene
Anthracene
Carbazole
Di-n-butylphthalate
Terphenyl-d14, S
Fluoranthene, C
Pyrene
Butylbenzylphthalate
3,3'-Dichlorobenzidine
Chrysene
Di-n-octyl phthalate, c
Benzo(b)fluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Dibenzo(a,h)anthracene
Benzo(g,h,i)perylene

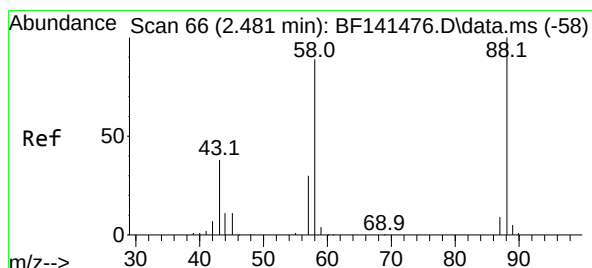
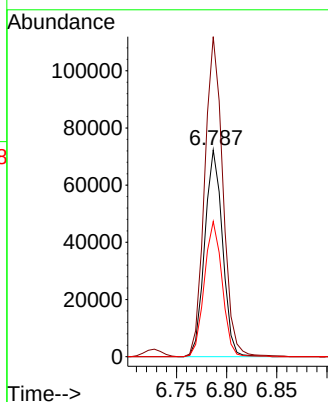
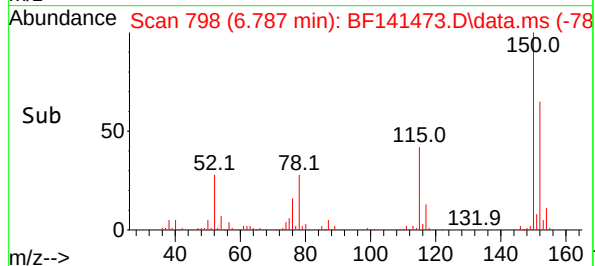


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

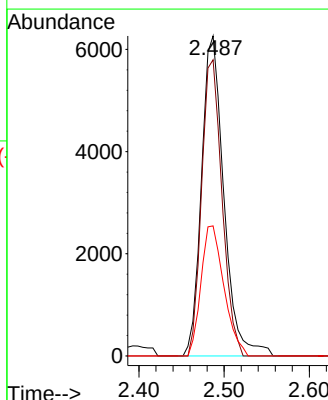
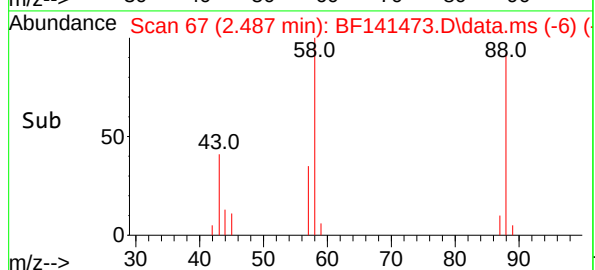
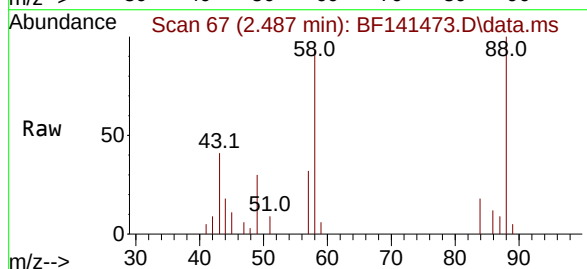


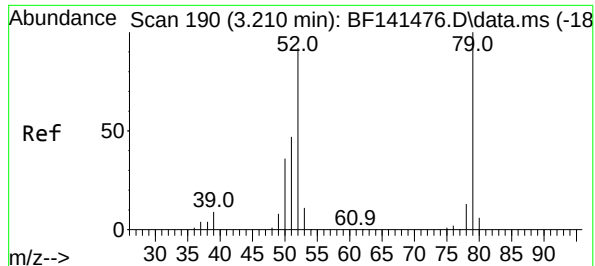
Tgt Ion:152 Resp: 89396
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.4
115 65.4 53.6 80.4



#2
1,4-Dioxane
Concen: 4.976 ng
RT: 2.487 min Scan# 67
Delta R.T. 0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion: 88 Resp: 11419
Ion Ratio Lower Upper
88 100
58 84.3 71.1 106.7
43 41.7 30.6 46.0





#3

Pyridine

Concen: 4.310 ng

RT: 3.228 min Scan# 190

Delta R.T. 0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

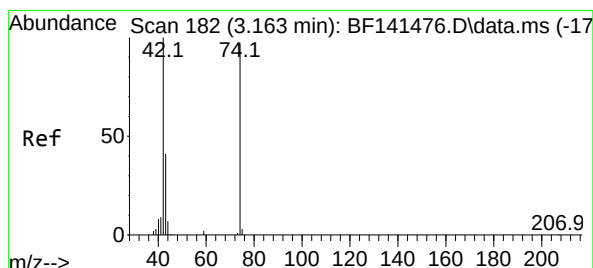
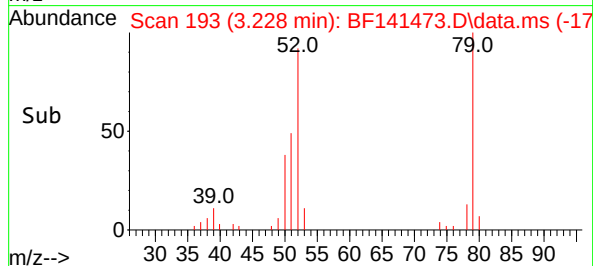
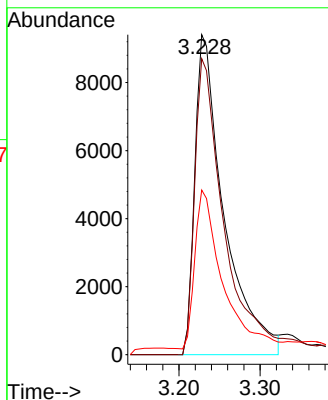
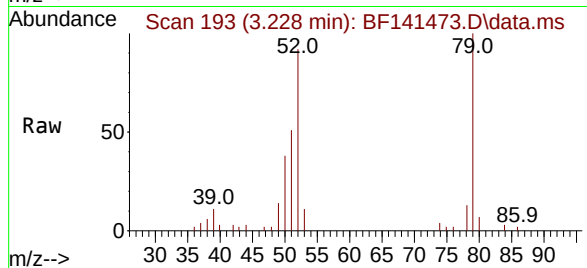
Tgt Ion: 79 Resp: 23540

Ion Ratio Lower Upper

79 100

52 92.5 73.7 110.5

51 51.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 4.558 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.035 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

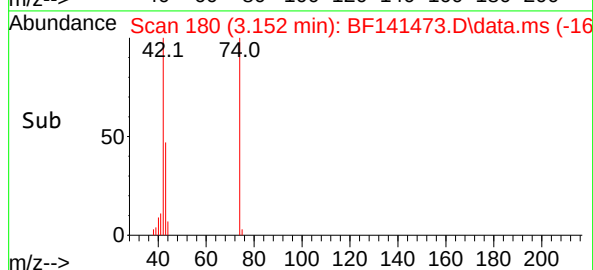
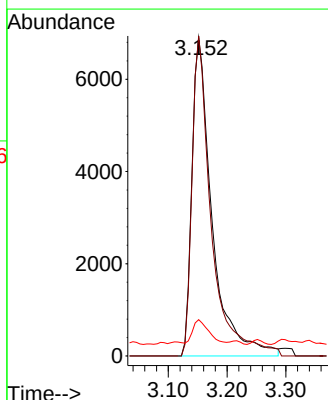
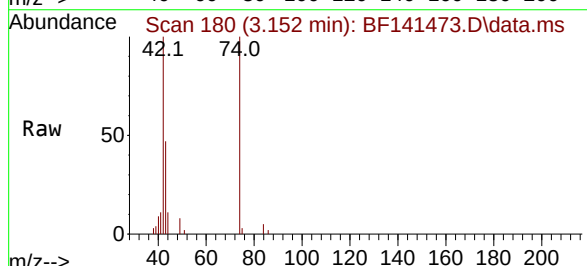
Tgt Ion: 42 Resp: 16481

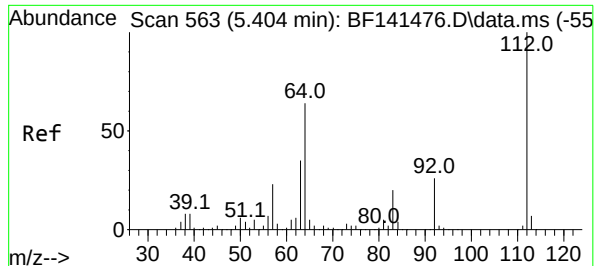
Ion Ratio Lower Upper

42 100

74 100.5 78.0 117.0

44 11.4 5.4 8.2#

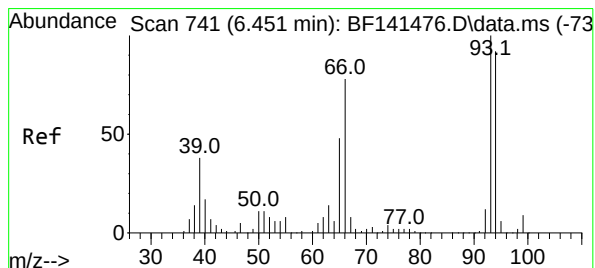
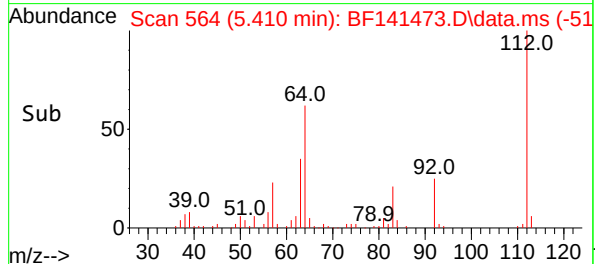
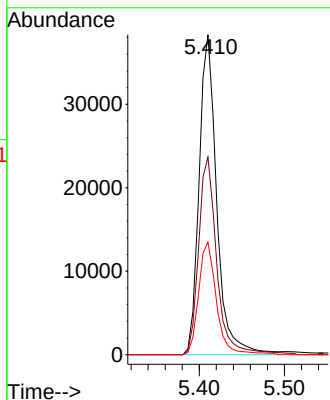
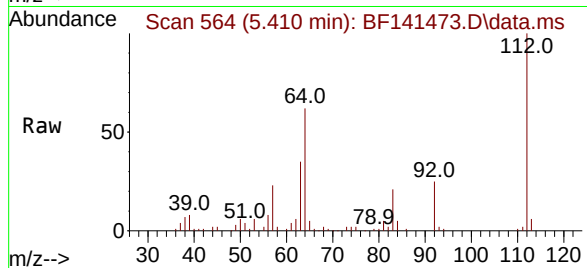




#5
2-Fluorophenol
Concen: 9.680 ng
RT: 5.410 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

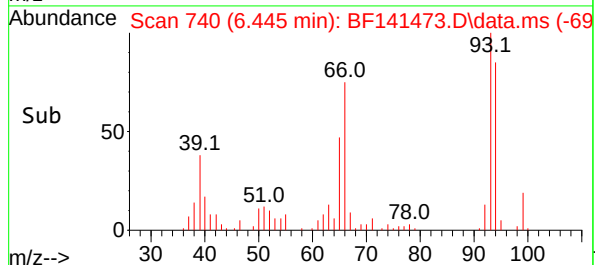
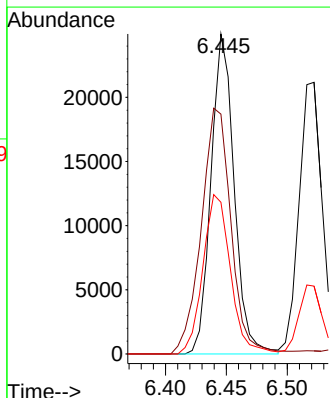
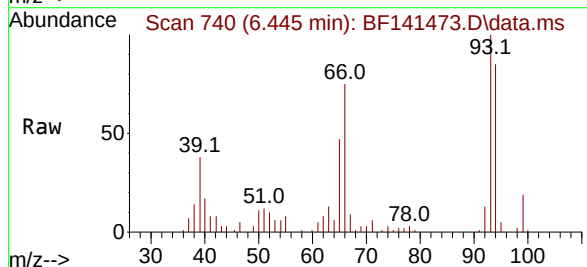
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

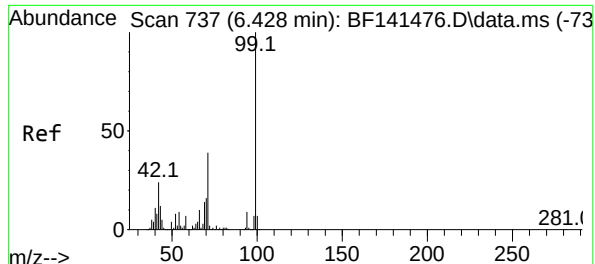
Tgt Ion:112 Resp: 55200
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 35.1 28.4 42.6



#6
Aniline
Concen: 4.880 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion: 93 Resp: 32993
Ion Ratio Lower Upper
93 100
66 75.0 62.6 94.0
65 47.4 38.3 57.5





#7

Phenol-d6

Concen: 10.042 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

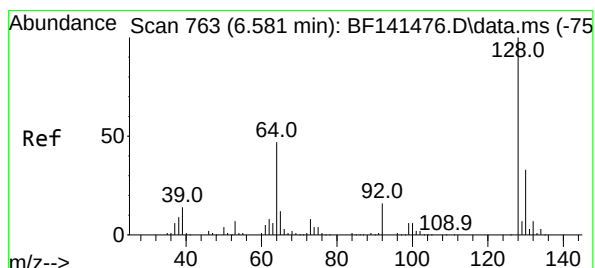
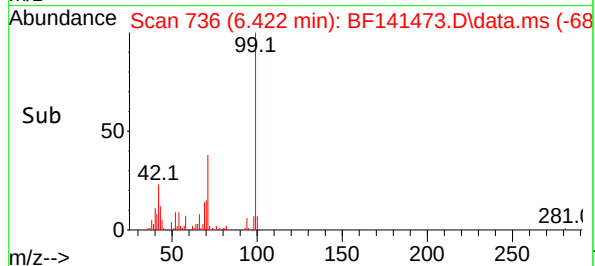
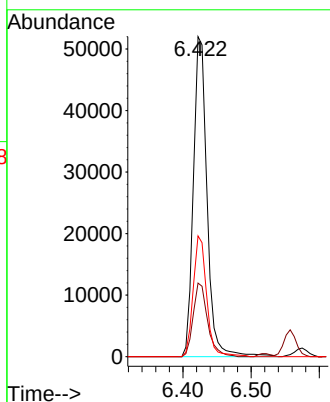
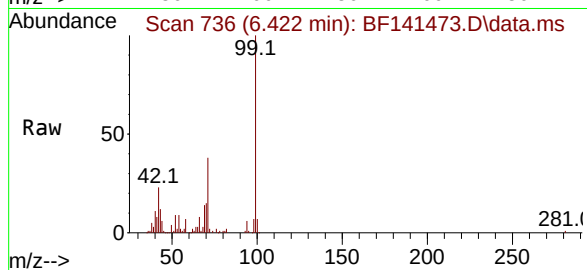
Tgt Ion: 99 Resp: 72376

Ion Ratio Lower Upper

99 100

42 23.0 19.1 28.7

71 37.7 31.1 46.7



#8

2-Chlorophenol

Concen: 5.074 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

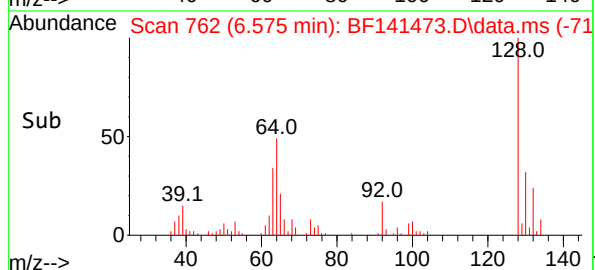
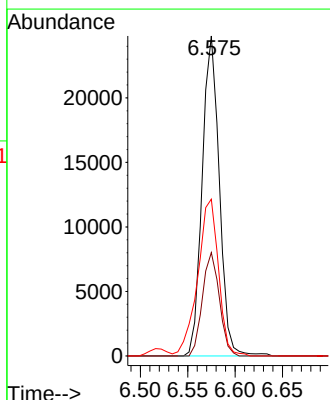
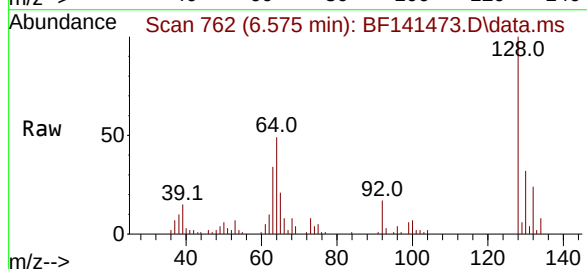
Tgt Ion: 128 Resp: 31263

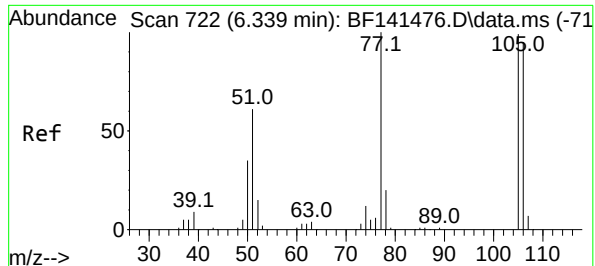
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 49.0 28.3 68.3





#9

Benzaldehyde

Concen: 5.207 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

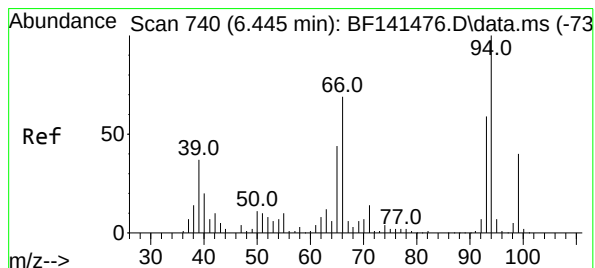
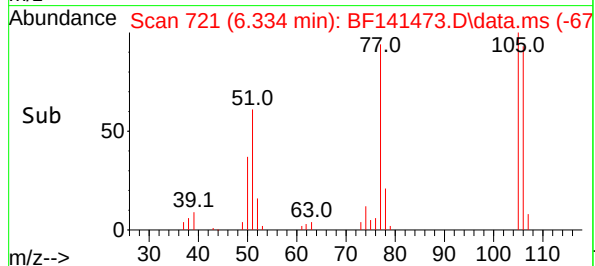
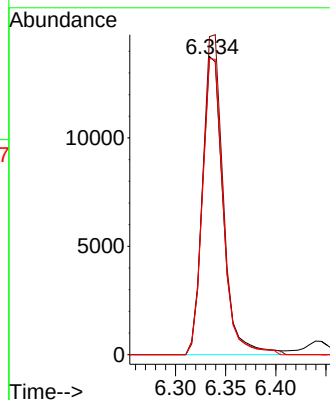
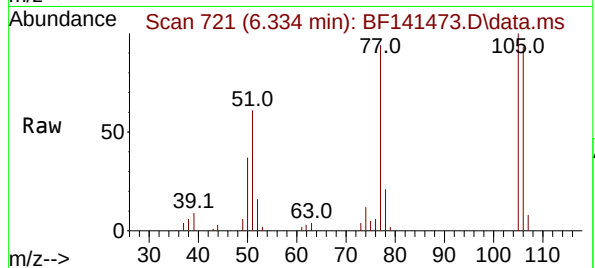
Tgt Ion: 77 Resp: 19944

Ion Ratio Lower Upper

77 100

105 106.6 79.4 119.4

106 99.2 75.1 115.1



#10

Phenol

Concen: 5.044 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

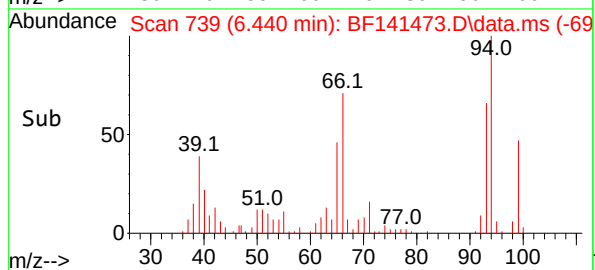
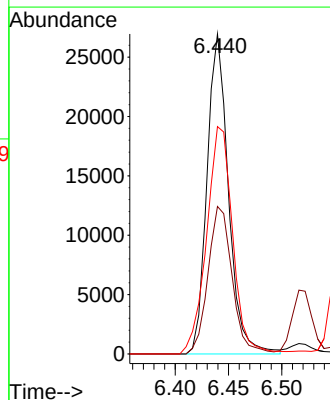
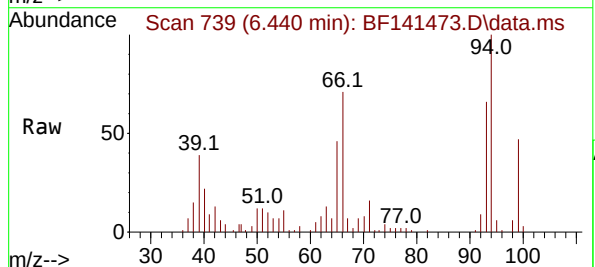
Tgt Ion: 94 Resp: 37833

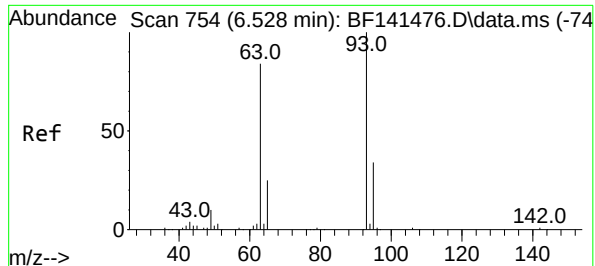
Ion Ratio Lower Upper

94 100

65 46.1 23.7 63.7

66 71.1 49.3 89.3

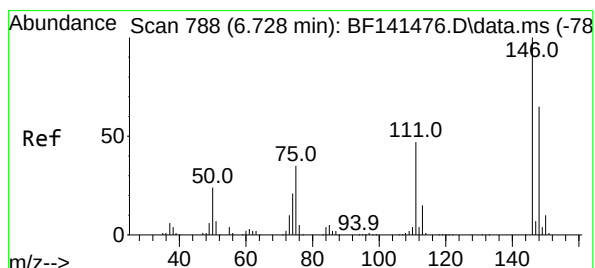
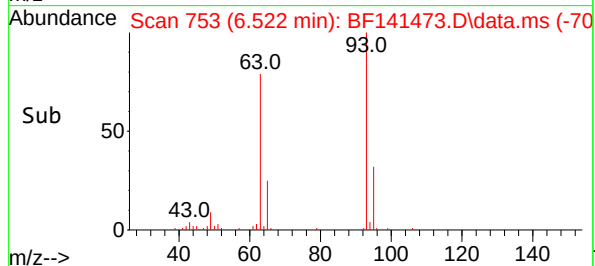
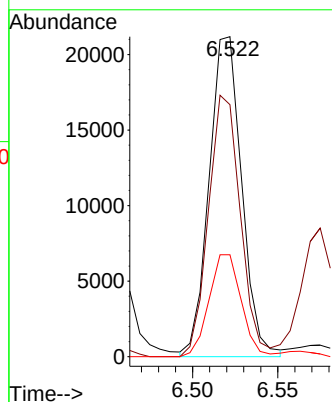
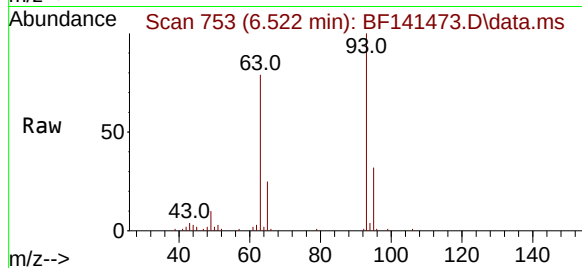




#11
bis(2-Chloroethyl)ether
Concen: 5.006 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

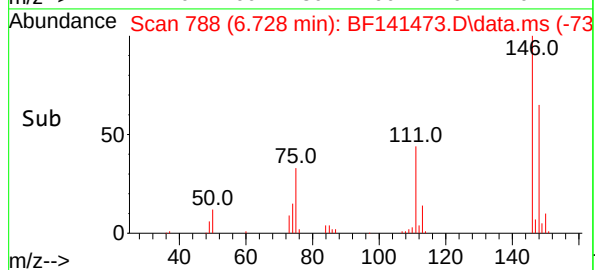
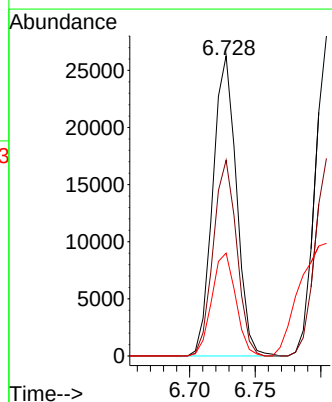
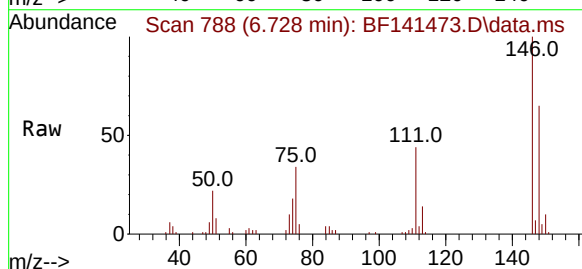
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

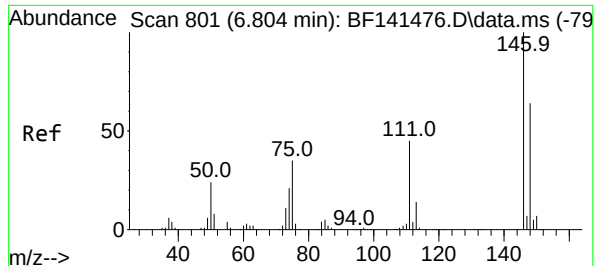
Tgt Ion: 93 Resp: 28203
Ion Ratio Lower Upper
93 100
63 78.7 62.0 102.0
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 5.060 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion: 146 Resp: 32913
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 34.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 5.199 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

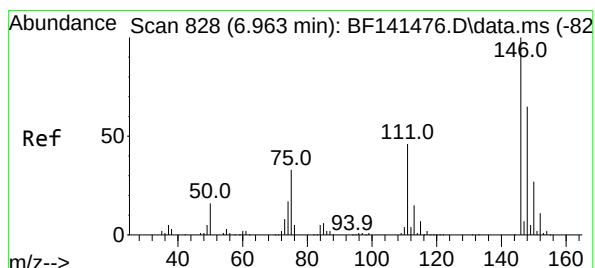
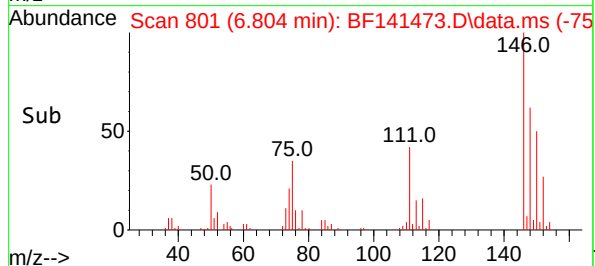
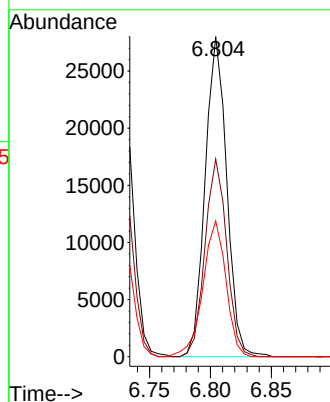
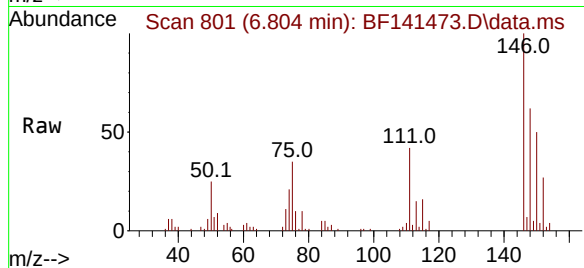
Tgt Ion:146 Resp: 34555

Ion Ratio Lower Upper

146 100

148 61.7 50.9 76.3

111 42.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 5.049 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

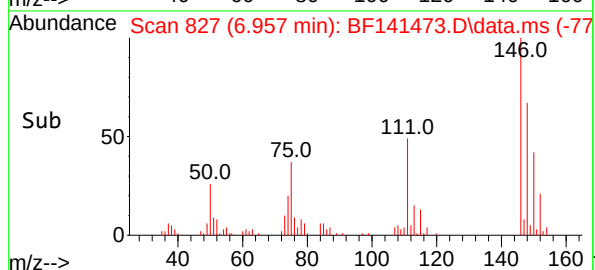
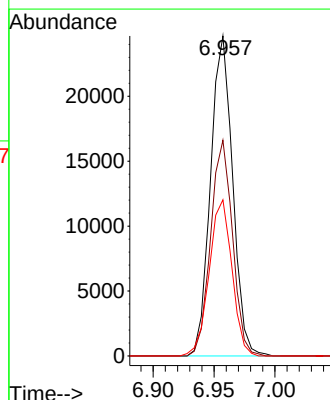
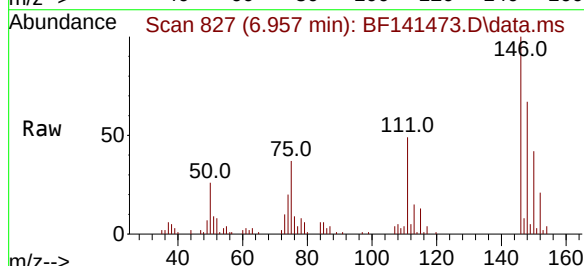
Tgt Ion:146 Resp: 31141

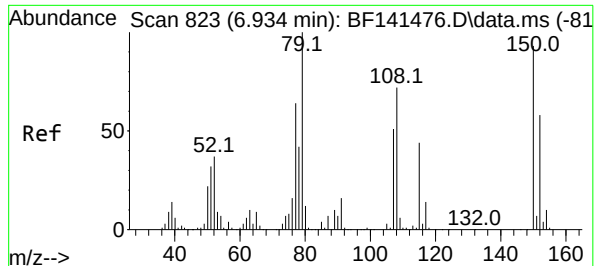
Ion Ratio Lower Upper

146 100

148 67.4 51.8 77.6

111 48.8 37.0 55.4





#15

Benzyl Alcohol

Concen: 4.815 ng

RT: 6.928 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

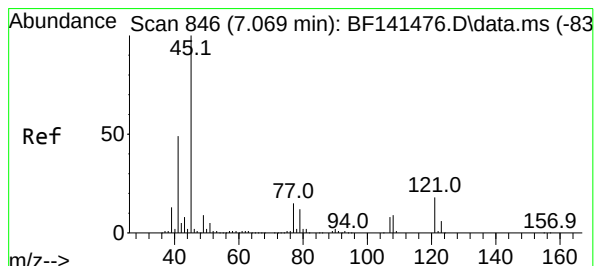
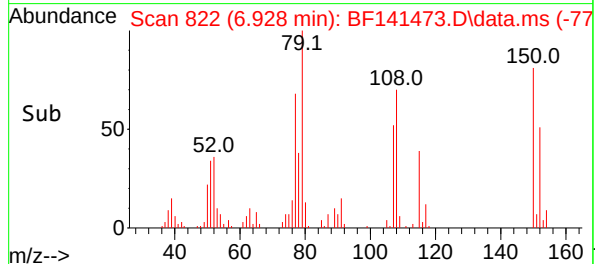
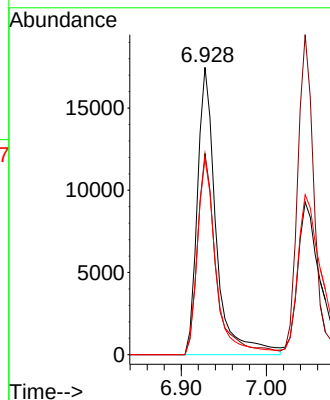
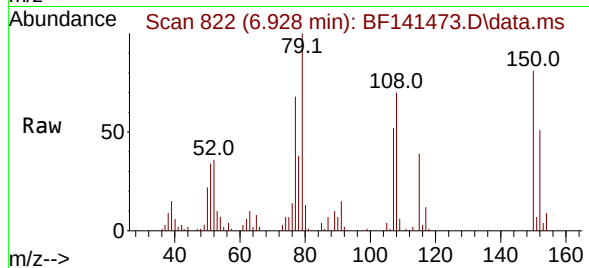
Tgt Ion: 79 Resp: 26612

Ion Ratio Lower Upper

79 100

108 70.0 57.4 86.2

77 68.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.150 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

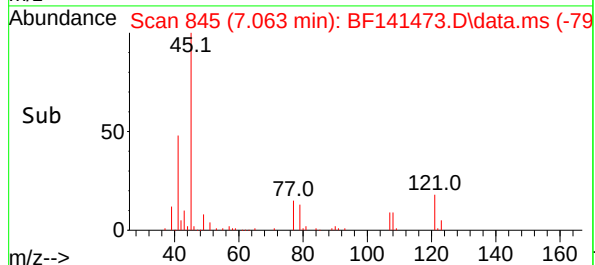
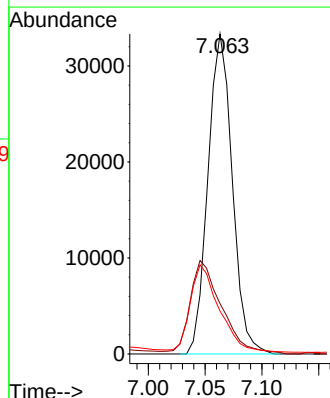
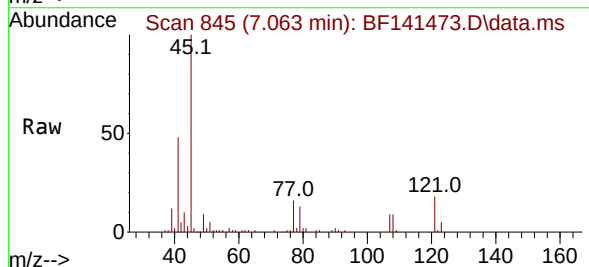
Tgt Ion: 45 Resp: 49667

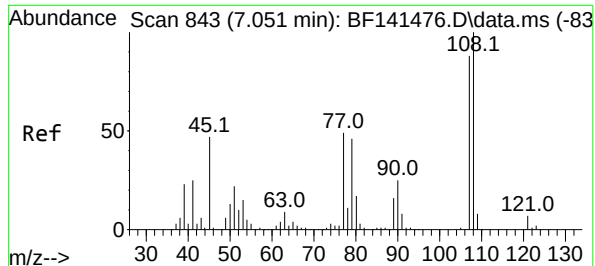
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

79 13.4 0.0 32.7

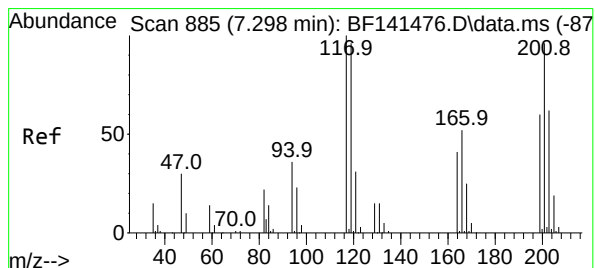
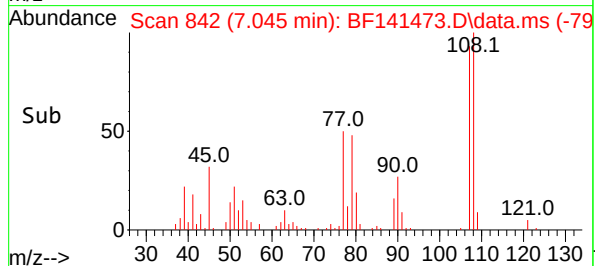
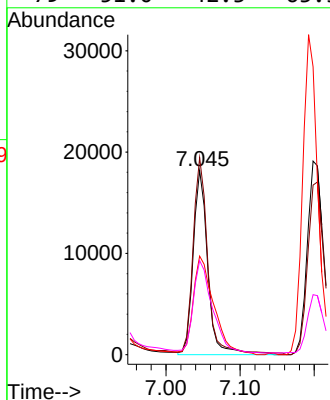
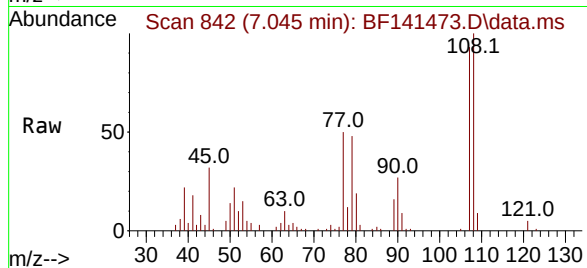




#17
2-Methylphenol
Concen: 5.173 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

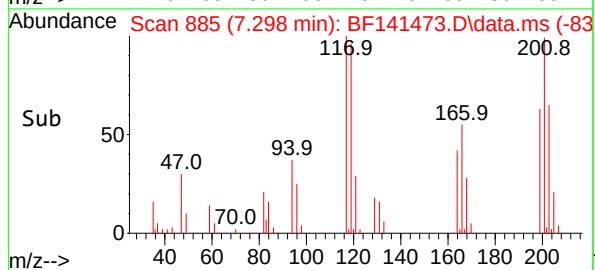
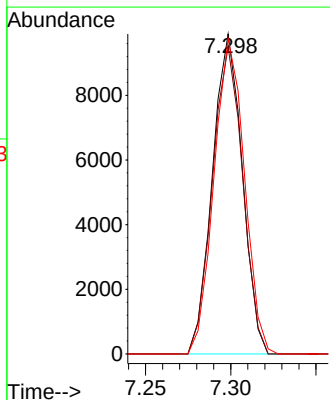
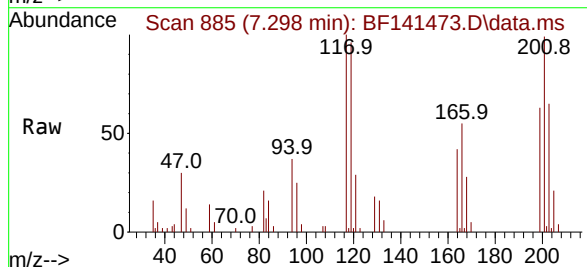
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

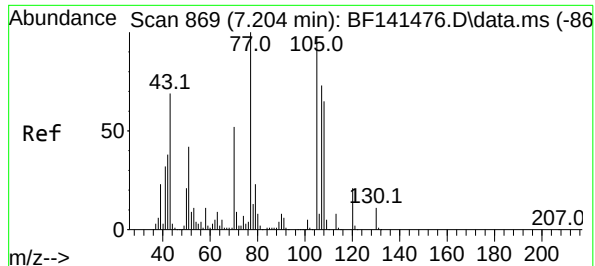
Tgt Ion:107 Resp: 24939
Ion Ratio Lower Upper
107 100
108 107.0 90.6 136.0
77 53.5 44.4 66.6
79 51.0 42.3 63.5



#18
Hexachloroethane
Concen: 4.896 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:117 Resp: 12043
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 98.5 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 5.072 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 21865

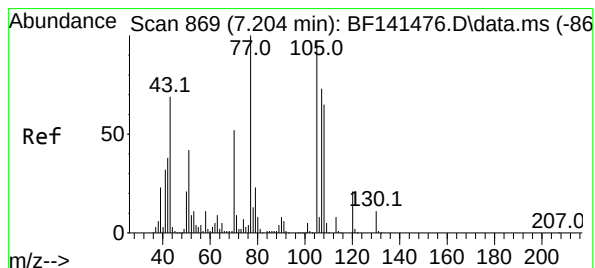
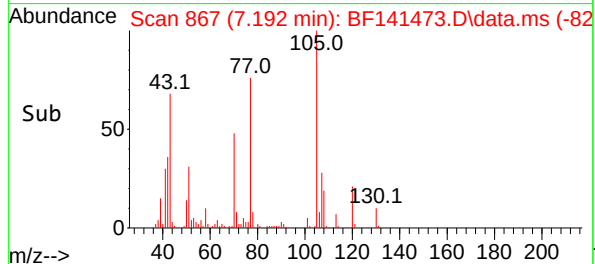
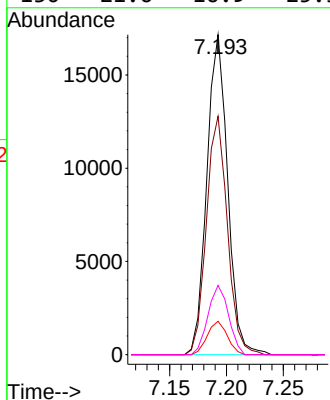
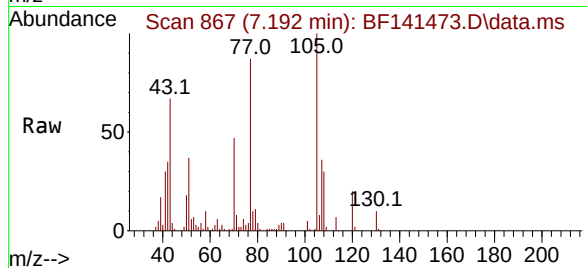
Ion Ratio Lower Upper

70 100

42 74.5 57.4 86.2

101 10.5 8.0 12.0

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 5.258 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Tgt Ion: 107 Resp: 32221

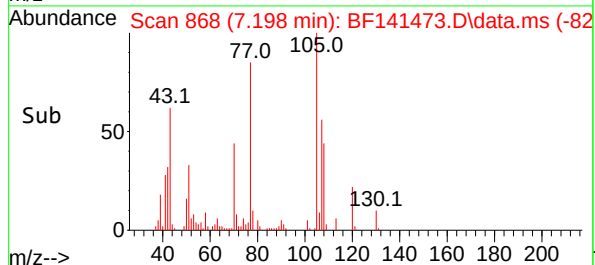
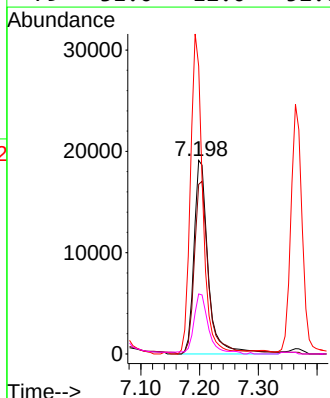
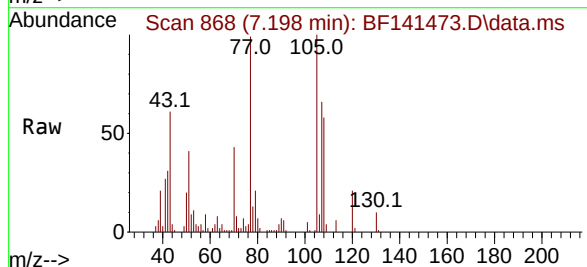
Ion Ratio Lower Upper

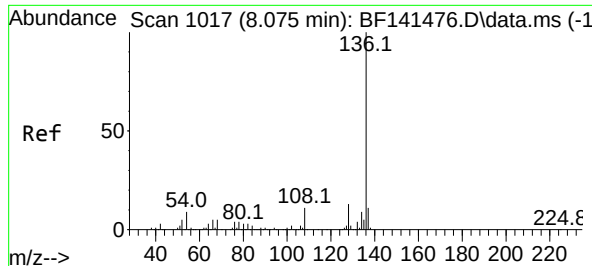
107 100

108 87.6 68.5 108.5

77 148.7 116.5 156.5

79 31.0 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 358966

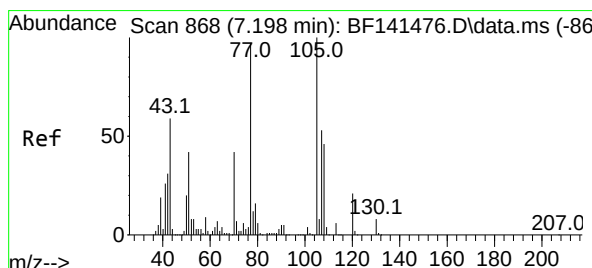
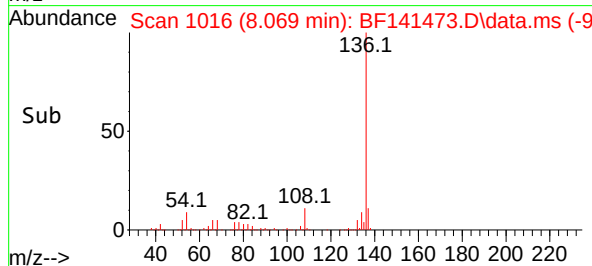
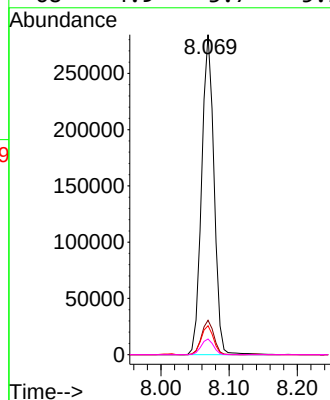
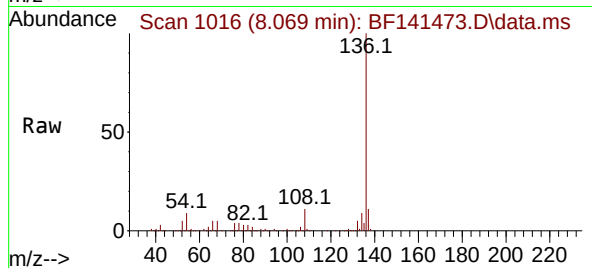
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.0 7.2 10.8

68 4.9 3.7 5.5



#22

Acetophenone

Concen: 5.201 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Tgt Ion:105 Resp: 46441

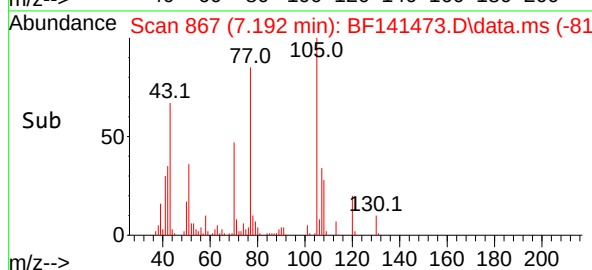
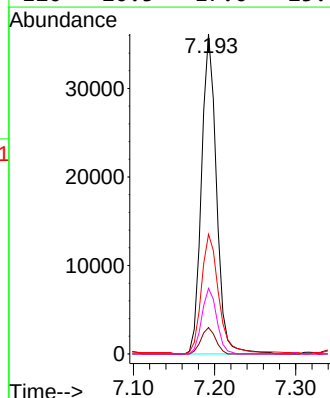
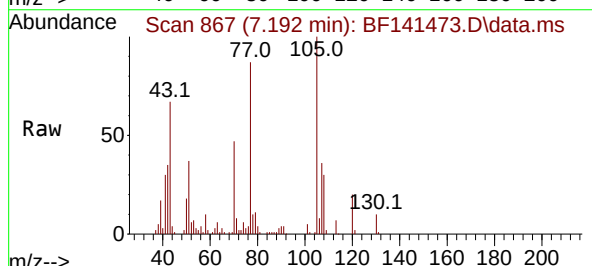
Ion Ratio Lower Upper

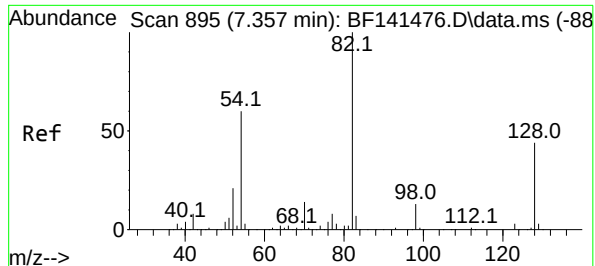
105 100

71 8.3 5.7 8.5

51 37.4 33.7 50.5

120 20.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 9.918 ng

RT: 7.345 min Scan# 891

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

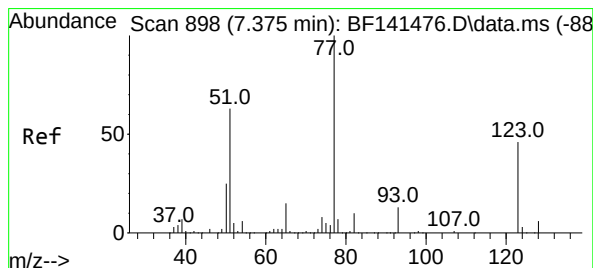
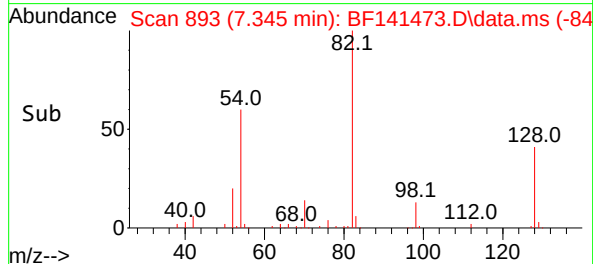
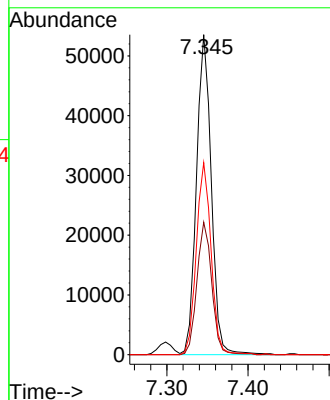
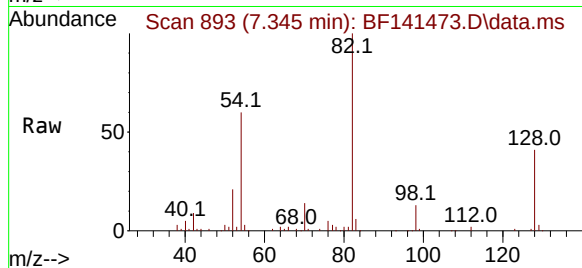
Tgt Ion: 82 Resp: 68257

Ion Ratio Lower Upper

82 100

128 41.4 34.8 52.2

54 60.0 48.2 72.4



#24

Nitrobenzene

Concen: 4.943 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

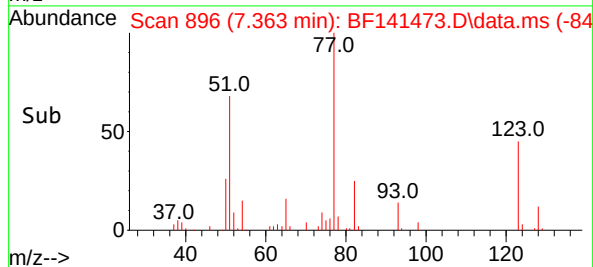
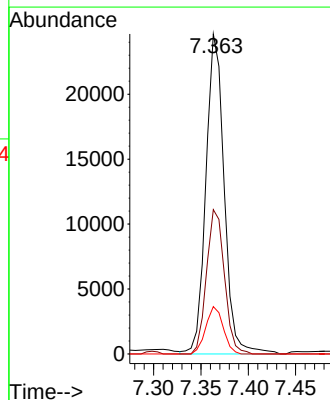
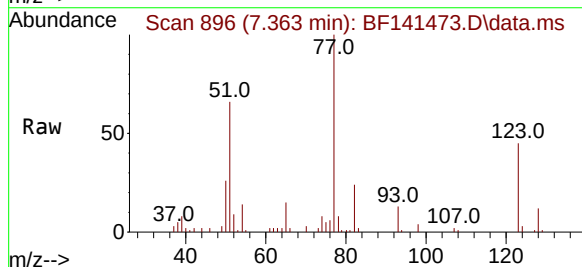
Tgt Ion: 77 Resp: 33173

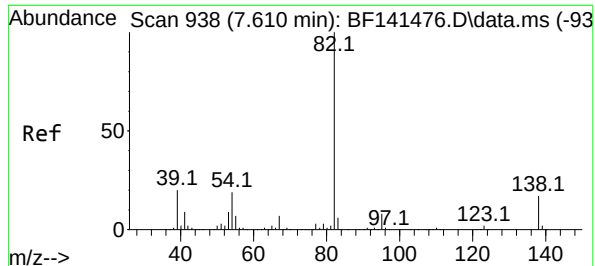
Ion Ratio Lower Upper

77 100

123 45.1 36.9 55.3

65 14.8 11.9 17.9

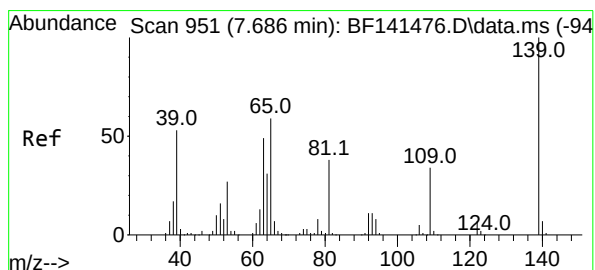
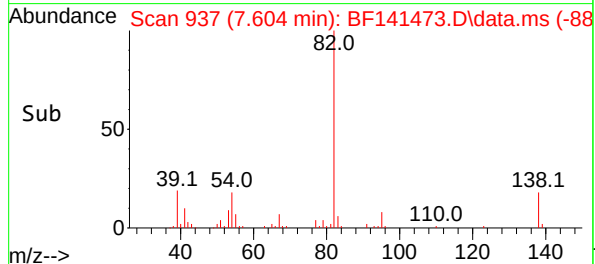
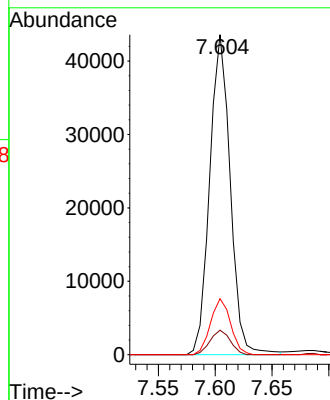
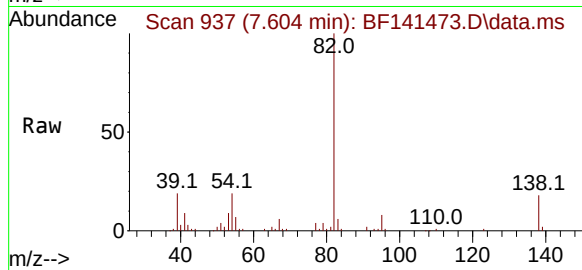




#25
Isophorone
Concen: 4.993 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

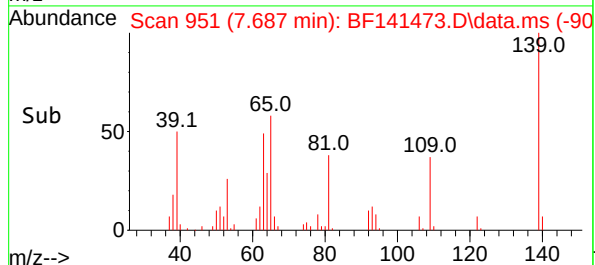
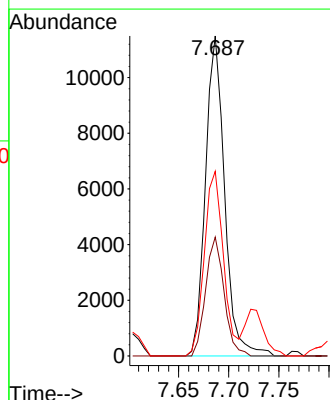
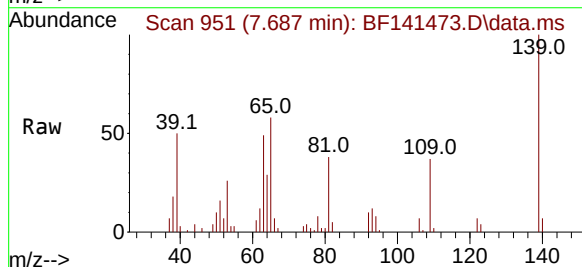
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

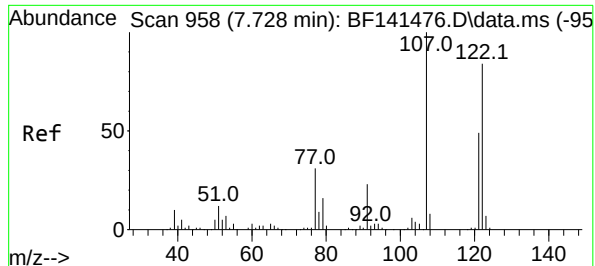
Tgt Ion:	82	Resp:	54796
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.4	9.6
138	17.5	13.9	20.9



#26
2-Nitrophenol
Concen: 4.592 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:	139	Resp:	15331
Ion Ratio	Lower	Upper	
139	100		
109	37.1	27.0	40.6
65	57.7	47.1	70.7





#27

2,4-Dimethylphenol

Concen: 4.784 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

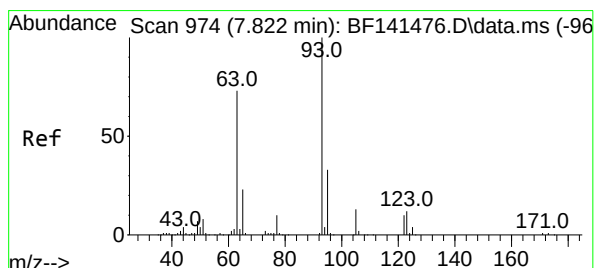
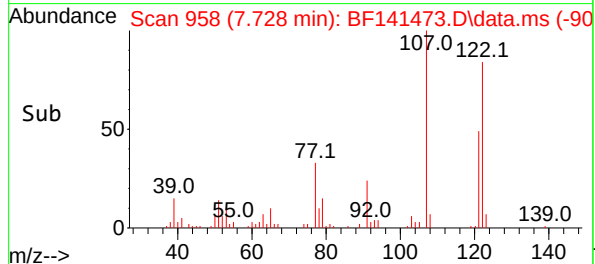
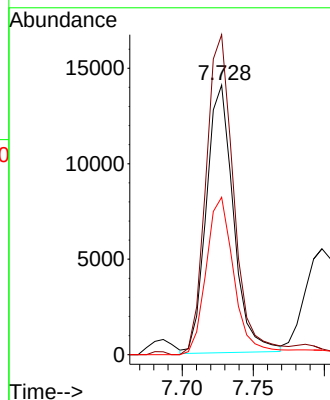
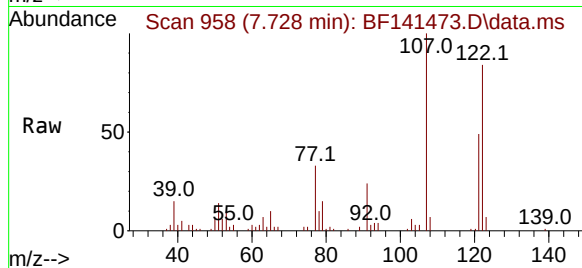
Tgt Ion:122 Resp: 18659

Ion Ratio Lower Upper

122 100

107 118.7 94.3 141.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 4.902 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

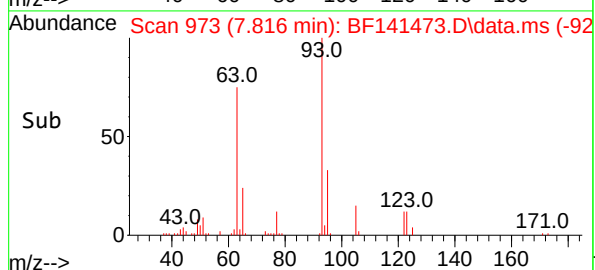
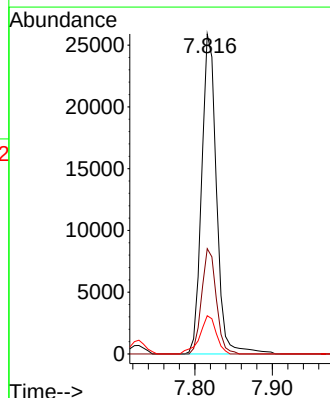
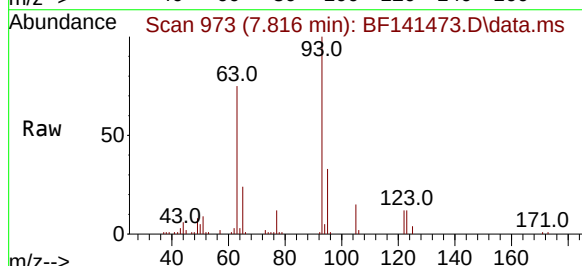
Tgt Ion: 93 Resp: 34469

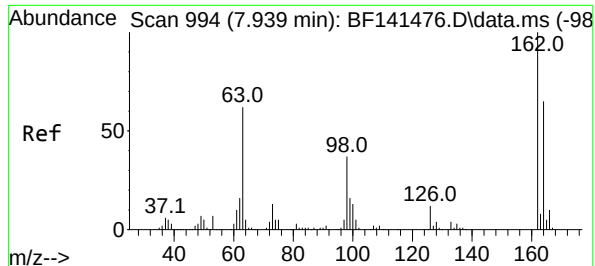
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 4.870 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

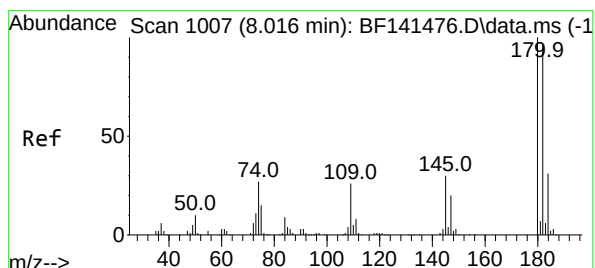
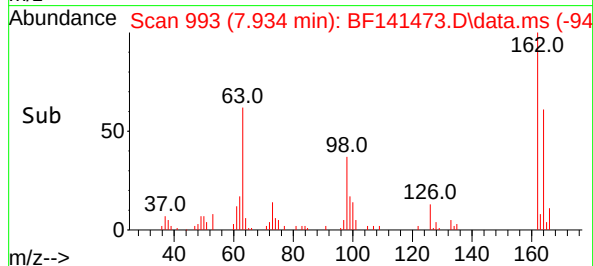
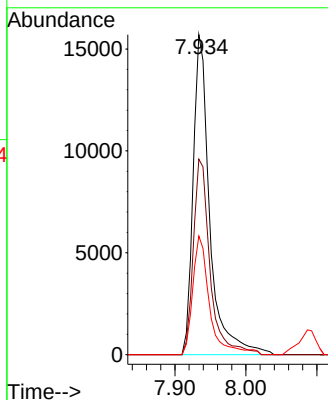
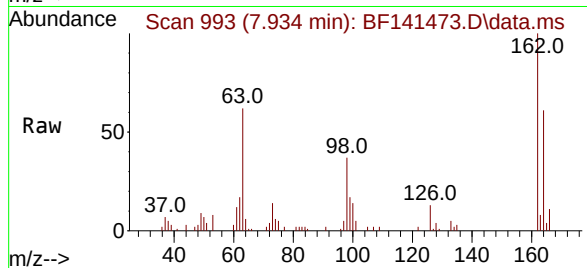
Tgt Ion:162 Resp: 25667

Ion Ratio Lower Upper

162 100

164 61.1 44.6 84.6

98 37.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 5.109 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

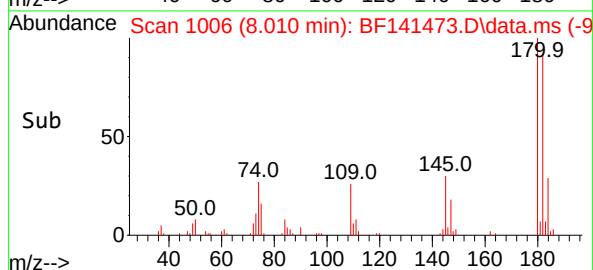
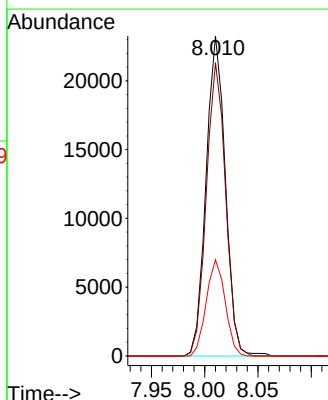
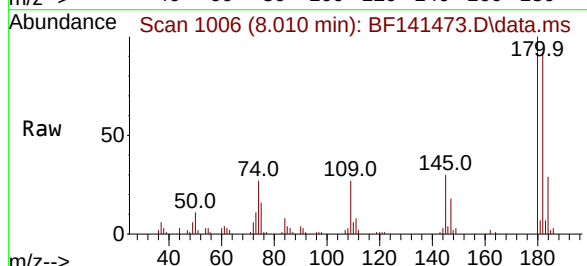
Tgt Ion:180 Resp: 29321

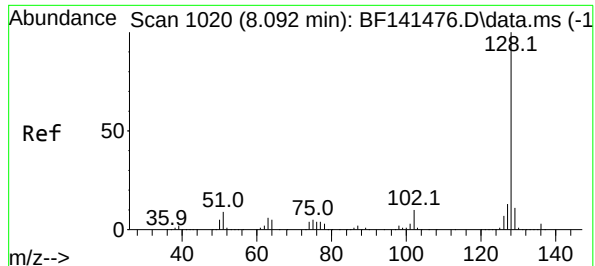
Ion Ratio Lower Upper

180 100

182 91.6 76.8 115.2

145 30.0 24.2 36.4





#31

Naphthalene

Concen: 5.123 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

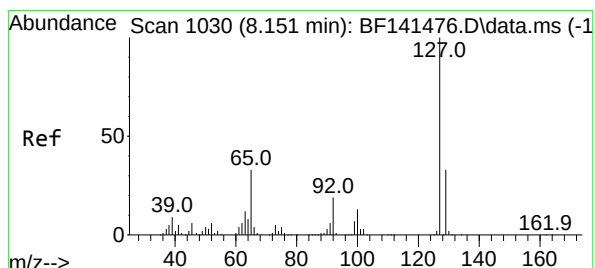
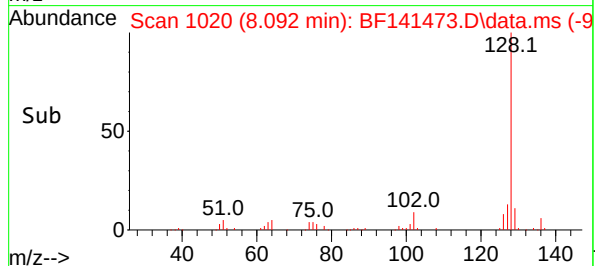
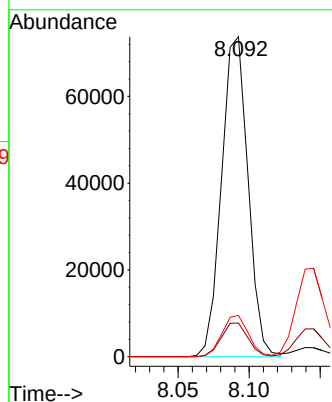
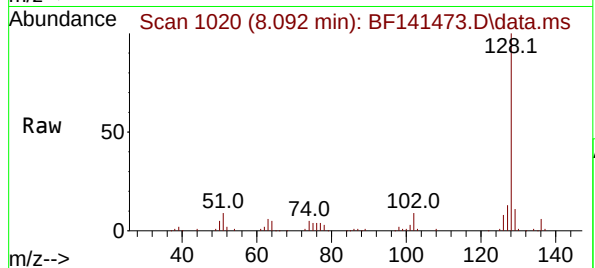
Tgt Ion:128 Resp: 95730

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.9 10.7 16.1



#33

4-Chloroaniline

Concen: 4.864 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Tgt Ion:127 Resp: 31729

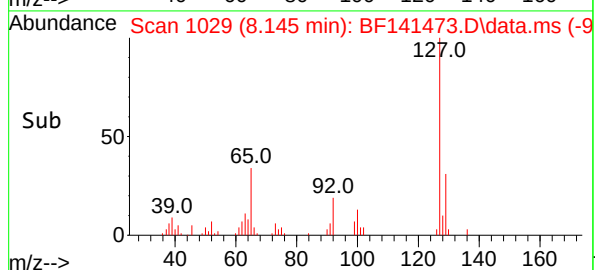
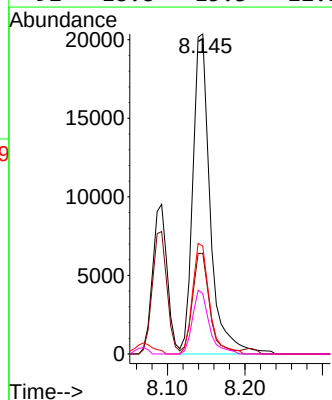
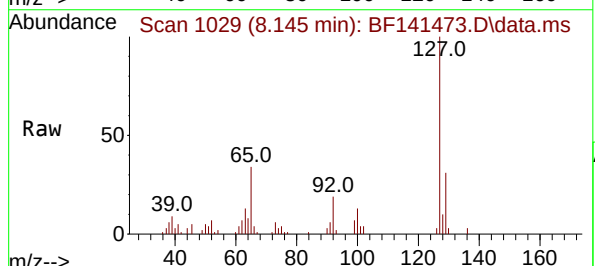
Ion Ratio Lower Upper

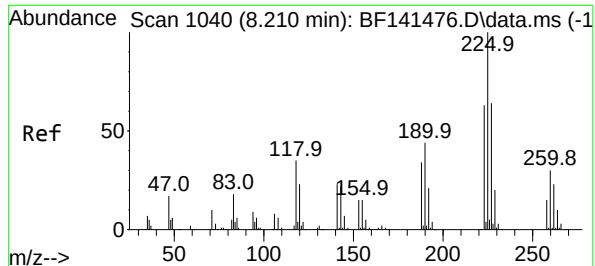
127 100

129 31.4 26.5 39.7

65 33.7 26.4 39.6

92 18.8 15.3 22.9

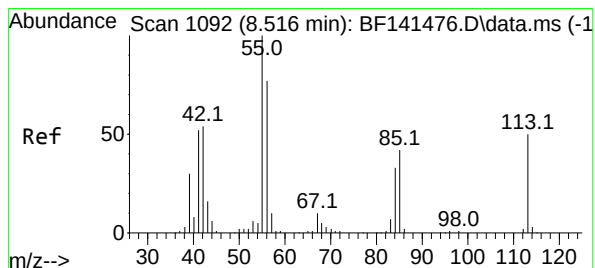
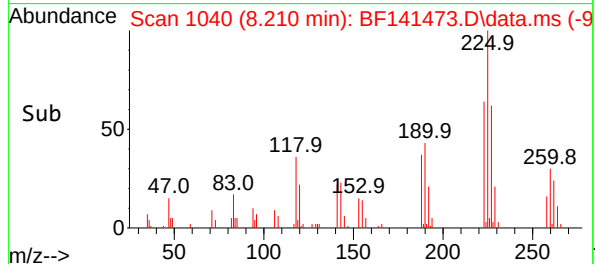
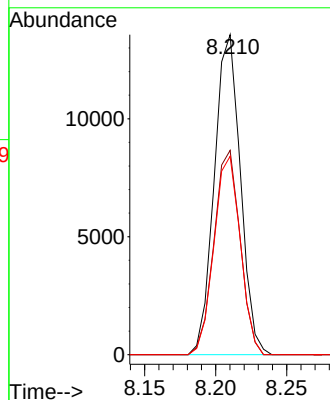
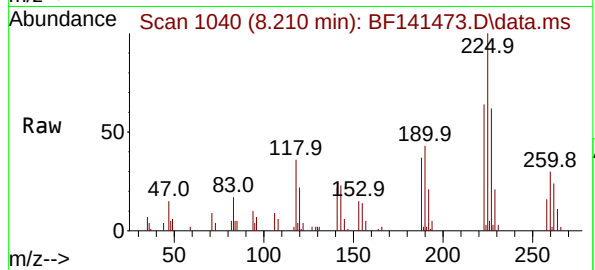




#34
Hexachlorobutadiene
Concen: 5.028 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

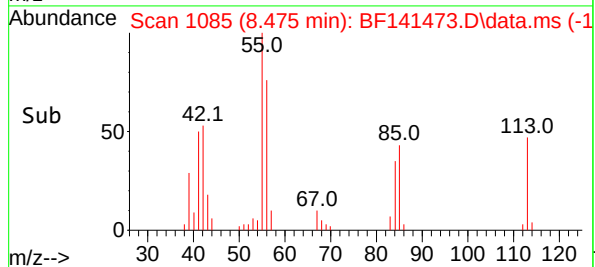
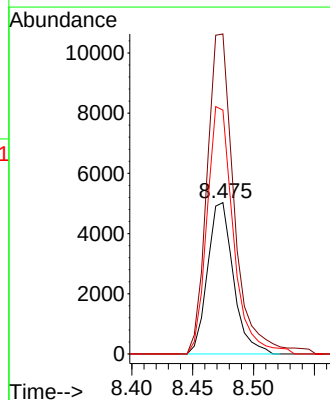
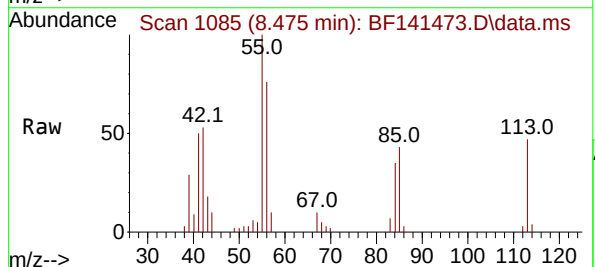
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

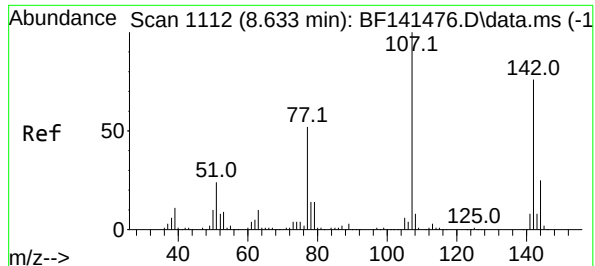
Tgt Ion:225 Resp: 17323
Ion Ratio Lower Upper
225 100
223 63.9 50.1 75.1
227 62.0 51.0 76.6



#35
Caprolactam
Concen: 4.635 ng
RT: 8.475 min Scan# 1085
Delta R.T. -0.070 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:113 Resp: 7437
Ion Ratio Lower Upper
113 100
55 211.4 180.8 220.8
56 161.1 133.6 173.6





#36

4-Chloro-3-methylphenol

Concen: 4.765 ng

RT: 8.628 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

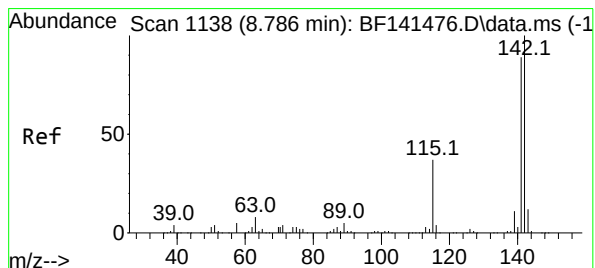
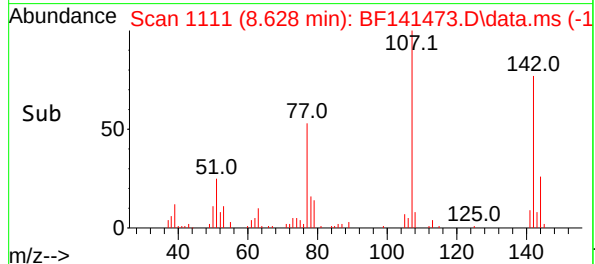
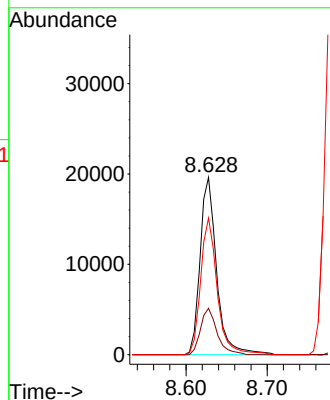
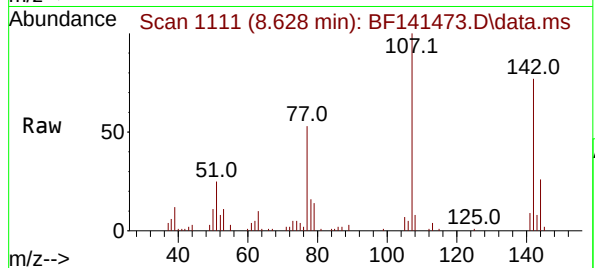
Tgt Ion:107 Resp: 27818

Ion Ratio Lower Upper

107 100

144 26.2 19.7 29.5

142 77.1 60.8 91.2



#37

2-Methylnaphthalene

Concen: 5.078 ng

RT: 8.781 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF141473.D

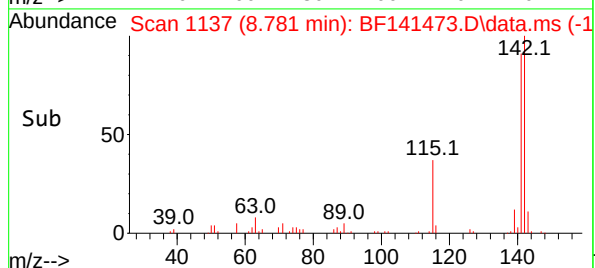
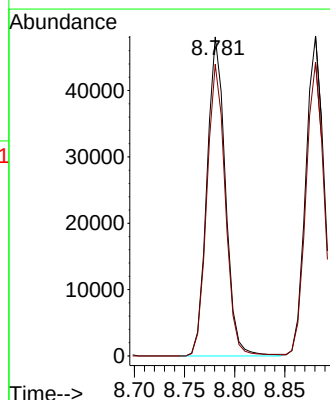
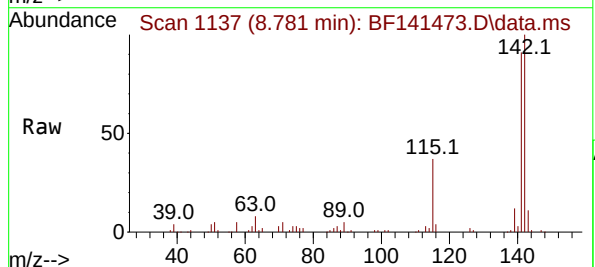
Acq: 06 Feb 2025 11:34

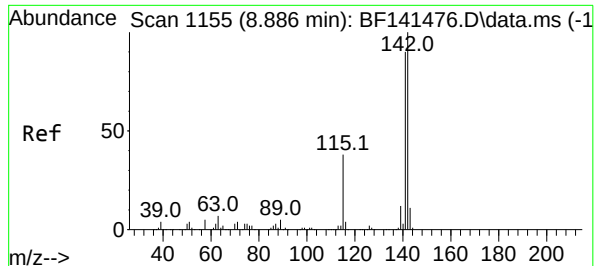
Tgt Ion:142 Resp: 61742

Ion Ratio Lower Upper

142 100

141 91.4 71.2 106.8





#38

1-Methylnaphthalene

Concen: 5.182 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

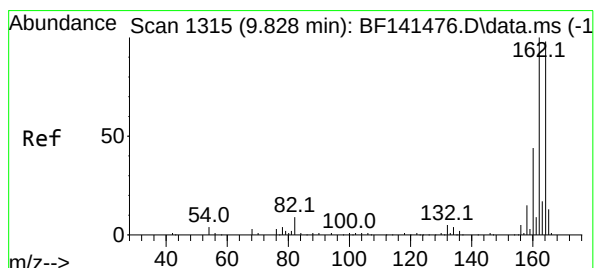
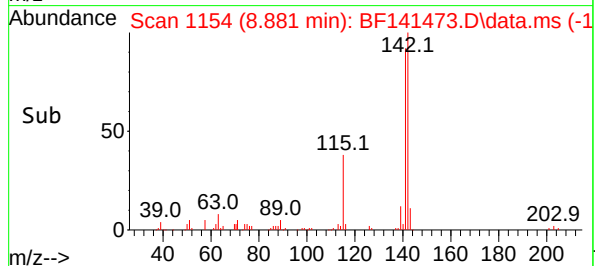
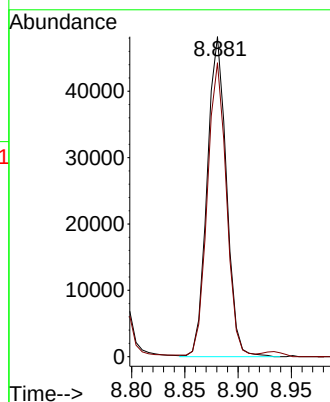
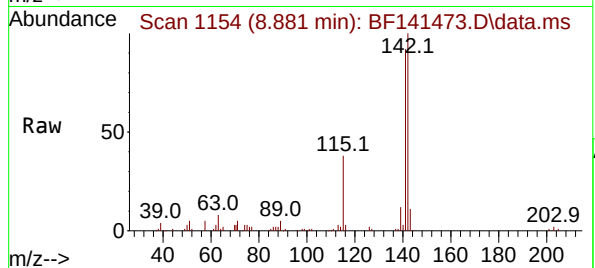
SSTDICC005

Tgt Ion:142 Resp: 61026

Ion Ratio Lower Upper

142 100

141 91.9 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

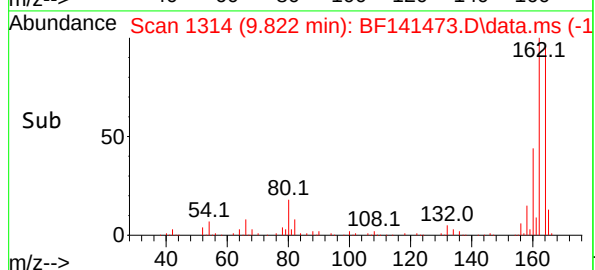
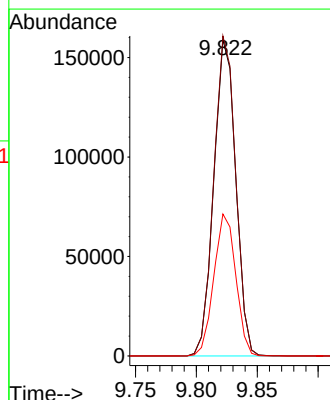
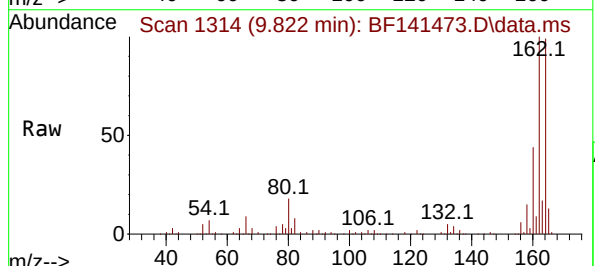
Tgt Ion:164 Resp: 199514

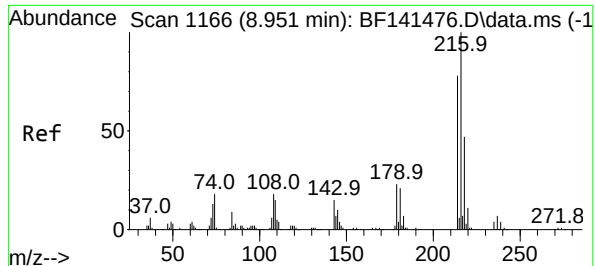
Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 44.9 35.9 53.9





#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.028 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 29023

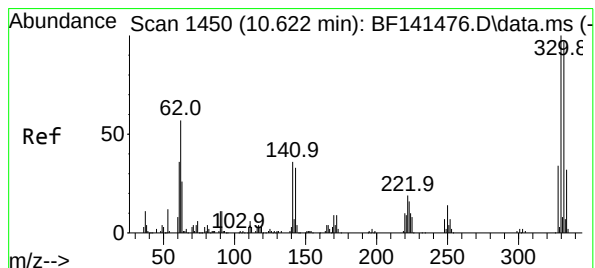
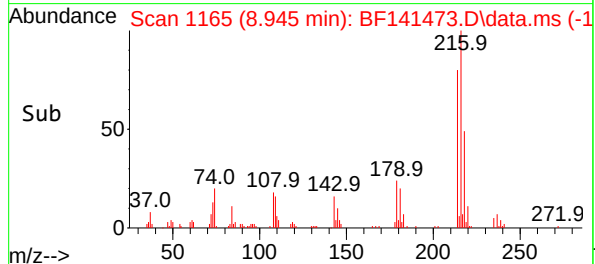
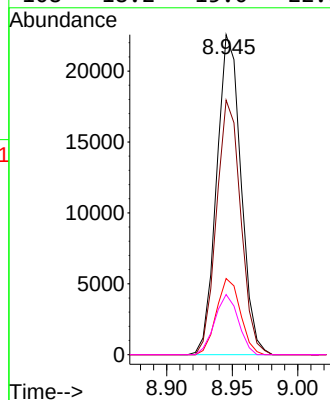
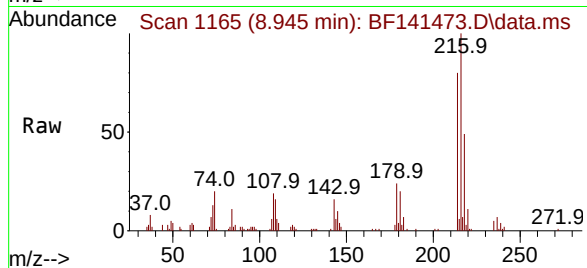
Ion Ratio Lower Upper

216 100

214 79.2 62.3 93.5

179 23.4 18.0 27.0

108 18.2 15.0 22.6



#42

2,4,6-Tribromophenol

Concen: 10.009 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

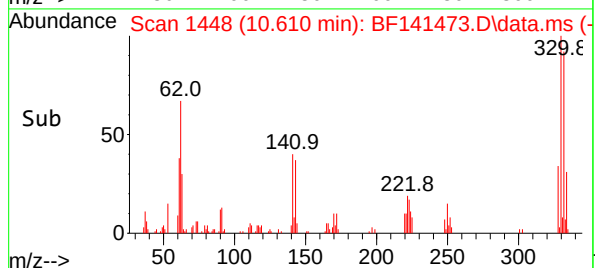
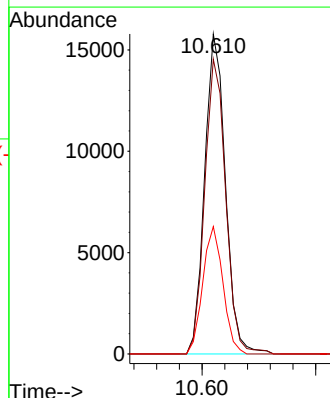
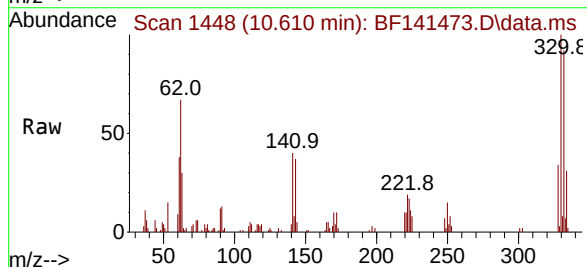
Tgt Ion:330 Resp: 20060

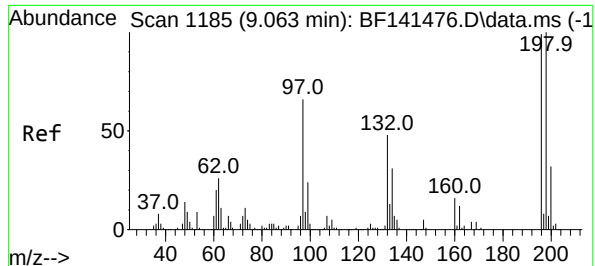
Ion Ratio Lower Upper

330 100

332 92.9 78.5 117.7

141 38.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 4.863 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

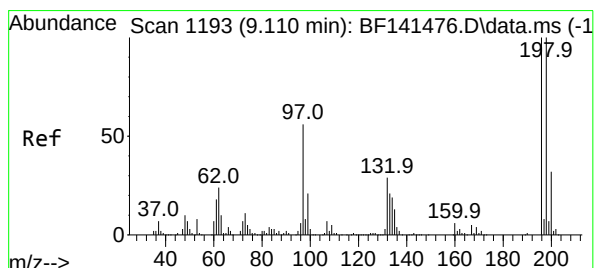
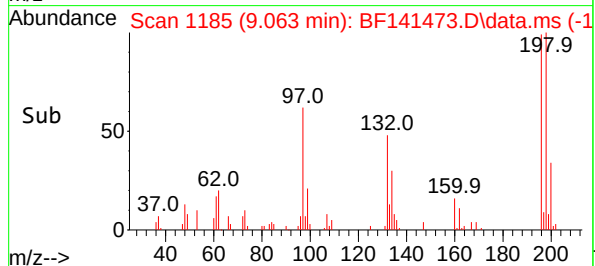
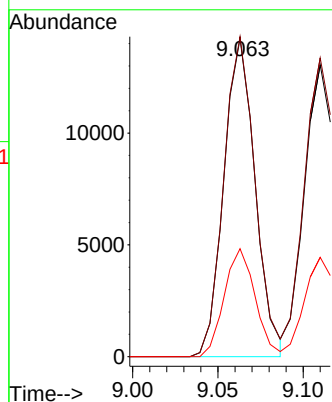
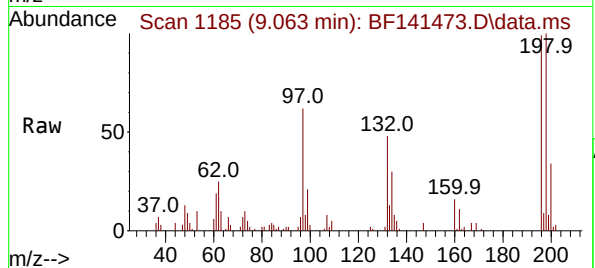
Tgt Ion:196 Resp: 18144

Ion Ratio Lower Upper

196 100

198 100.6 80.6 121.0

200 34.0 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 4.750 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Tgt Ion:196 Resp: 19204

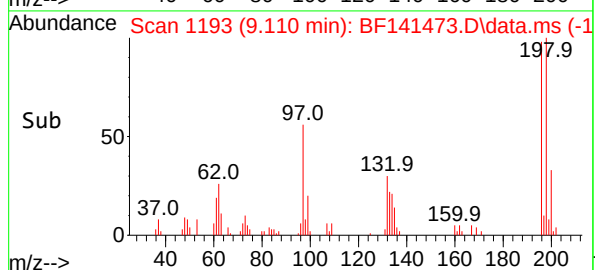
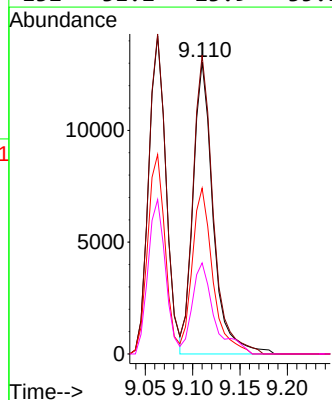
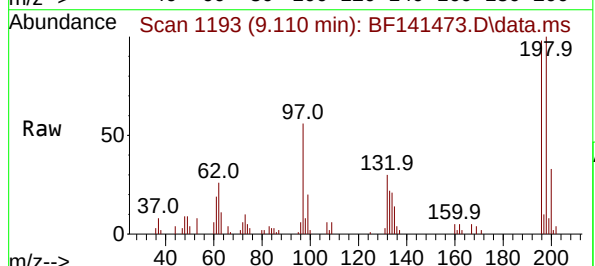
Ion Ratio Lower Upper

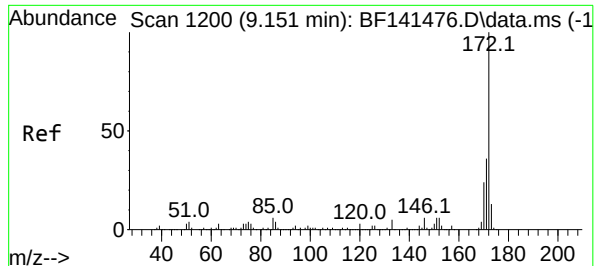
196 100

198 102.3 79.8 119.8

97 56.8 44.8 67.2

132 31.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 10.573 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

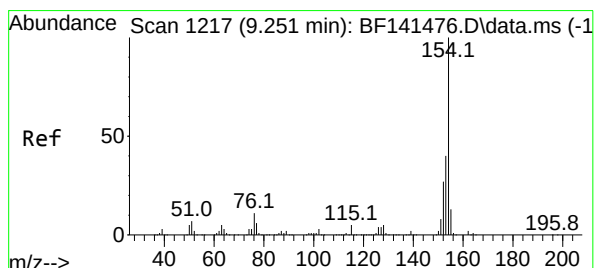
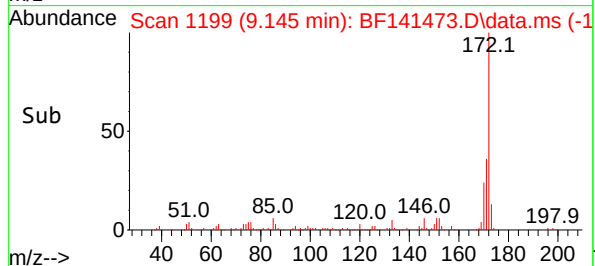
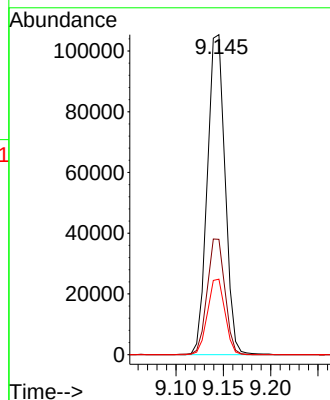
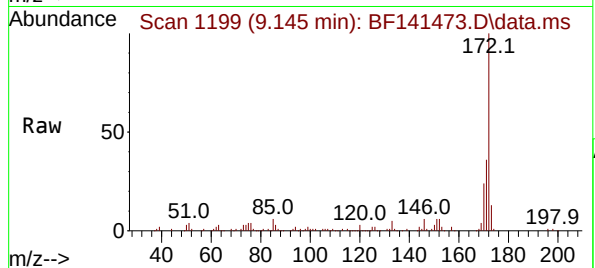
Tgt Ion:172 Resp: 136925

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 5.103 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

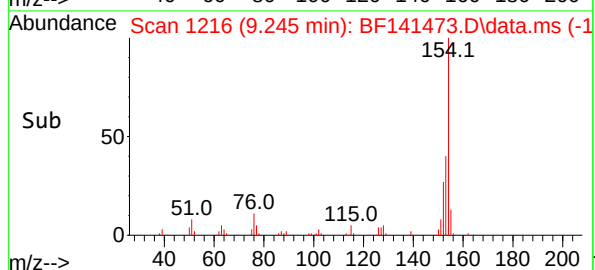
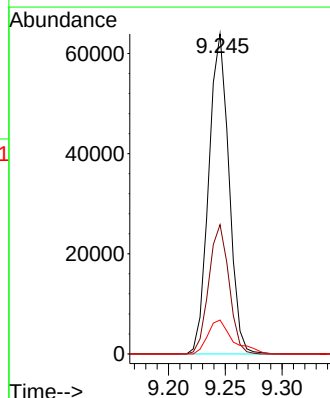
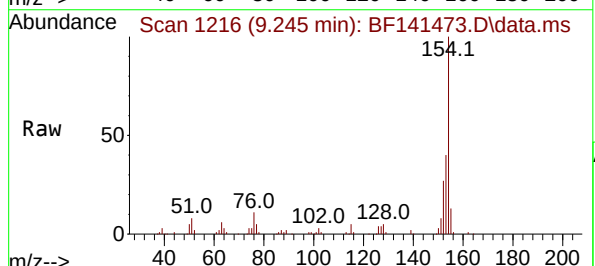
Tgt Ion:154 Resp: 78931

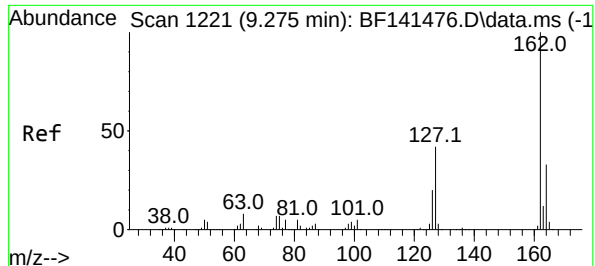
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 5.088 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141473.D

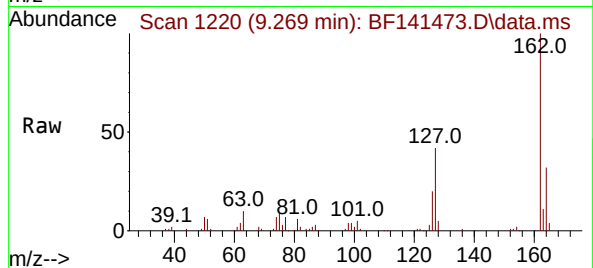
Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



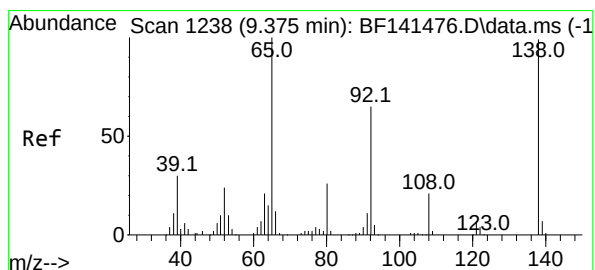
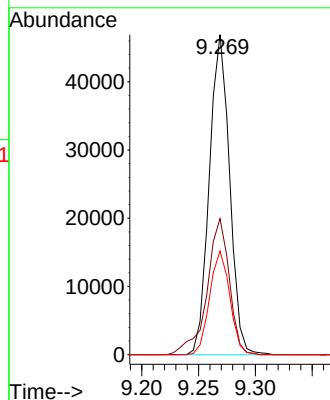
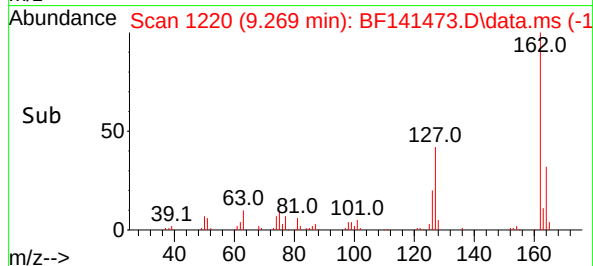
Tgt Ion:162 Resp: 58201

Ion Ratio Lower Upper

162 100

127 42.5 34.1 51.1

164 32.4 26.3 39.5



#48

2-Nitroaniline

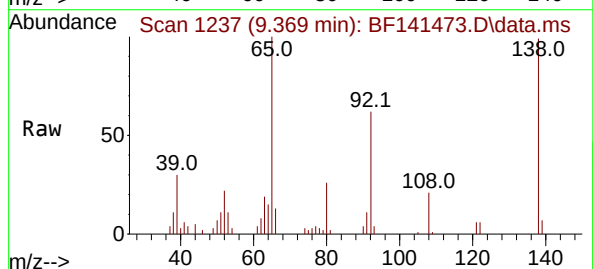
Concen: 4.818 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34



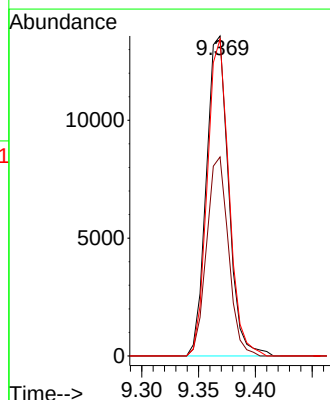
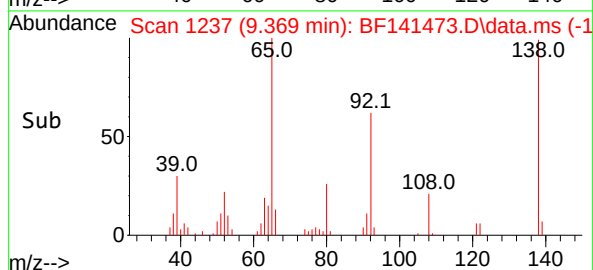
Tgt Ion: 65 Resp: 18494

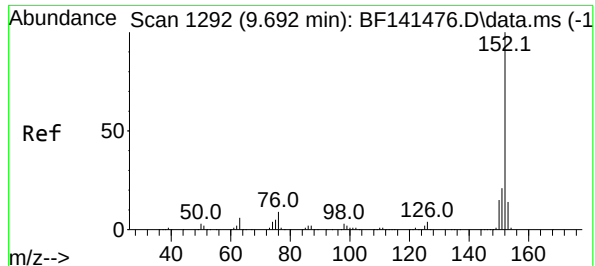
Ion Ratio Lower Upper

65 100

92 62.2 52.2 78.2

138 99.0 79.5 119.3





#49

Acenaphthylene

Concen: 5.097 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

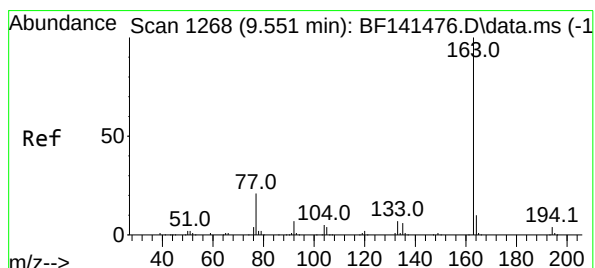
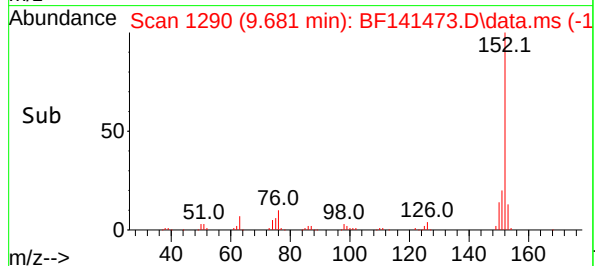
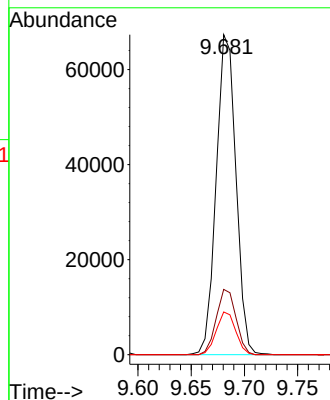
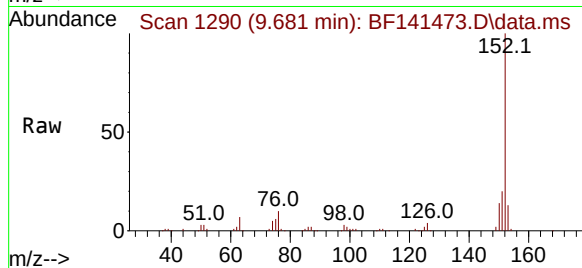
Tgt Ion:152 Resp: 86721

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.4 10.9 16.3



#50

Dimethylphthalate

Concen: 5.088 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

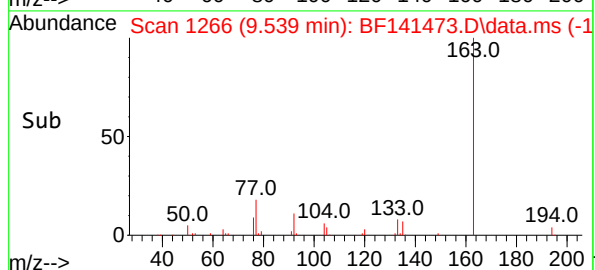
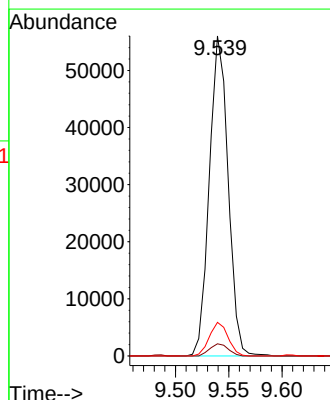
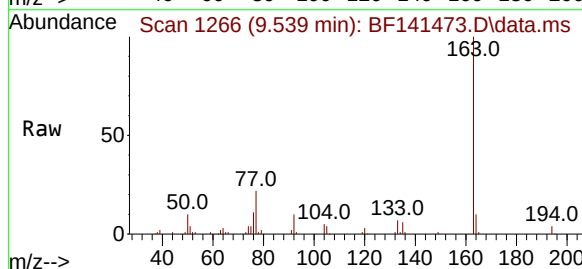
Tgt Ion:163 Resp: 68921

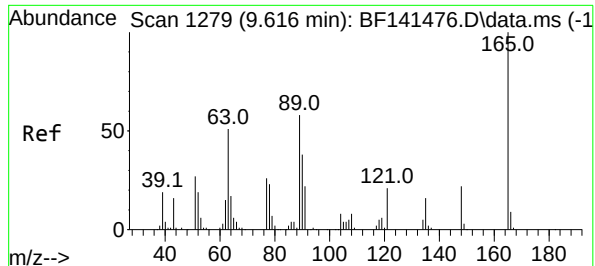
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.5 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 4.861 ng

RT: 9.604 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

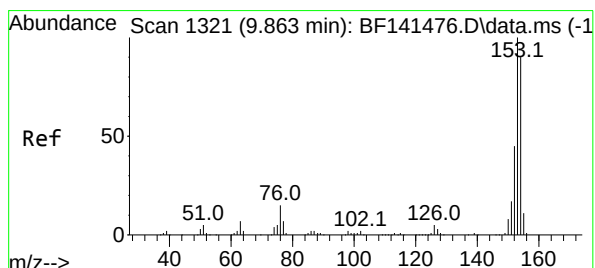
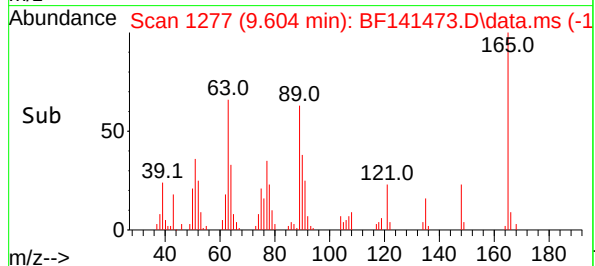
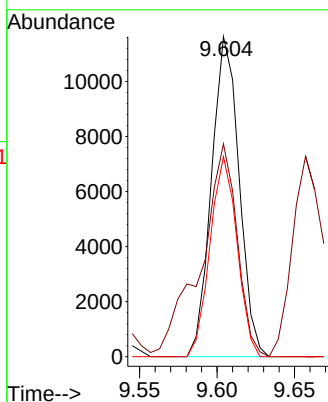
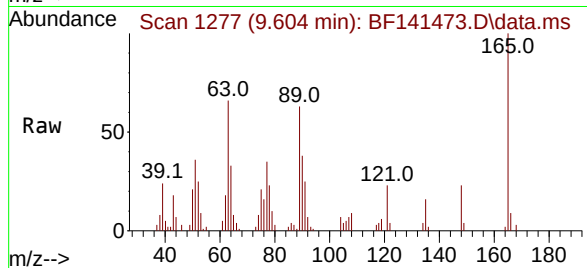
Tgt Ion:165 Resp: 14394

Ion Ratio Lower Upper

165 100

63 66.5 49.4 74.0

89 62.5 46.5 69.7



#52

Acenaphthene

Concen: 5.171 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

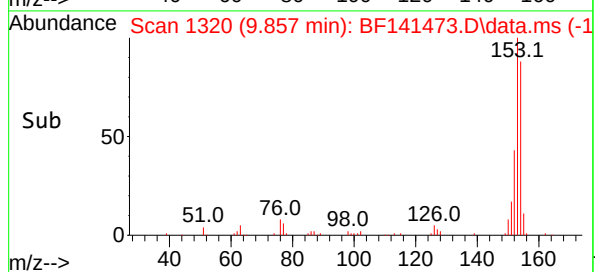
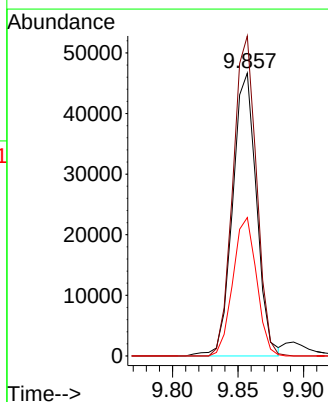
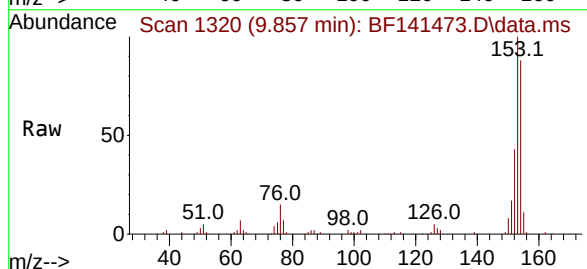
Tgt Ion:154 Resp: 59139

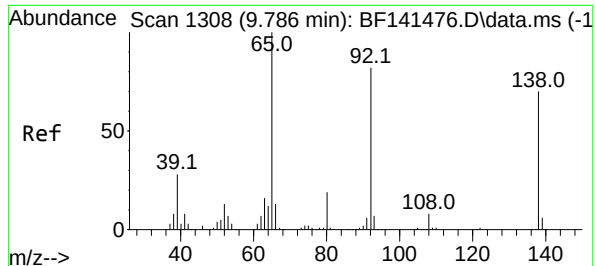
Ion Ratio Lower Upper

154 100

153 113.1 89.2 133.8

152 48.9 39.8 59.8

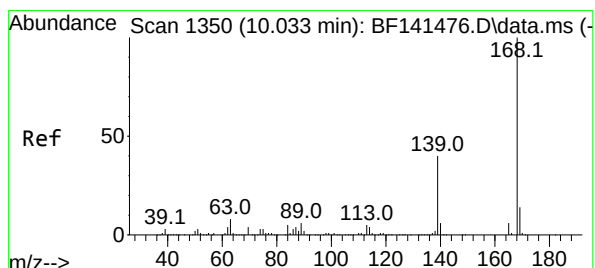
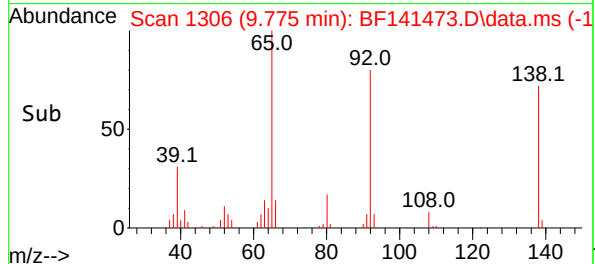
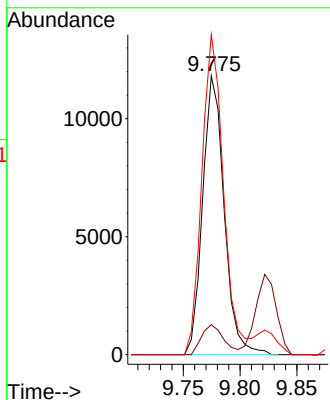
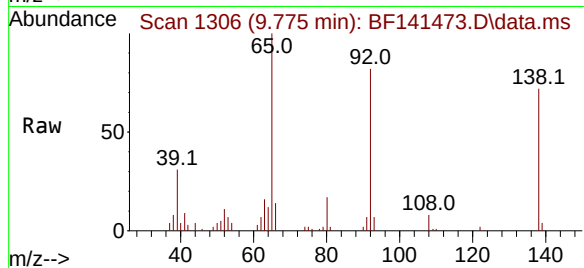




#53
3-Nitroaniline
Concen: 4.884 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

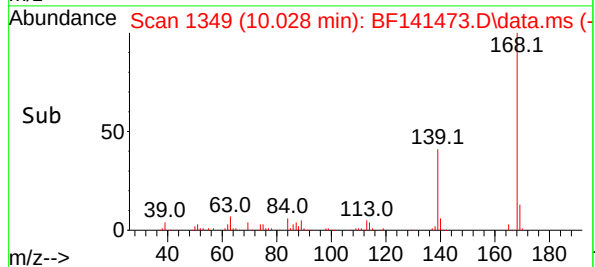
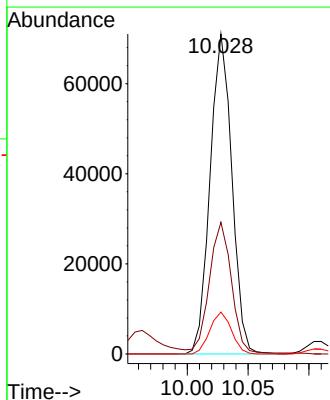
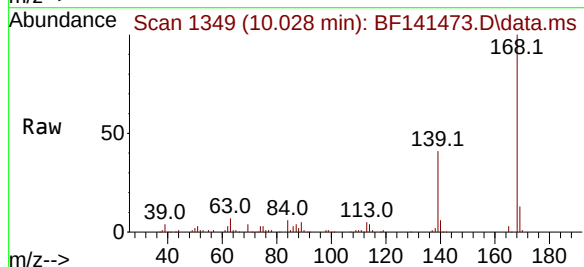
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

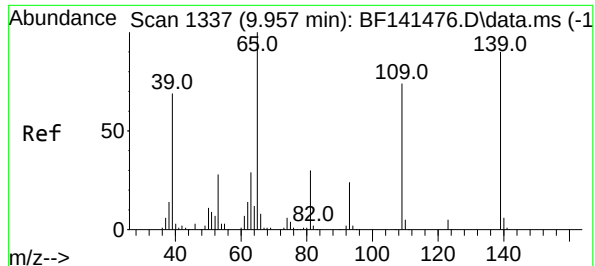
Tgt Ion:138 Resp: 15563
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 114.8 93.7 140.5



#55
Dibenzofuran
Concen: 5.252 ng
RT: 10.028 min Scan# 1349
Delta R.T. -0.011 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:168 Resp: 88178
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.1 10.8 16.2

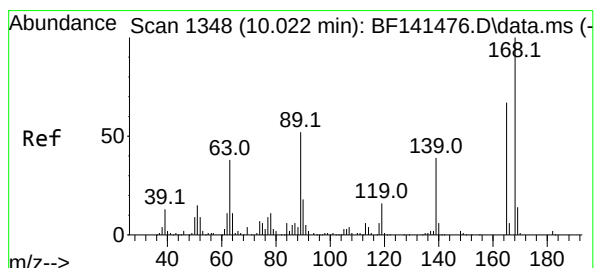
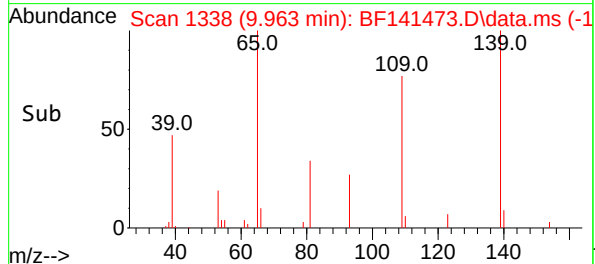
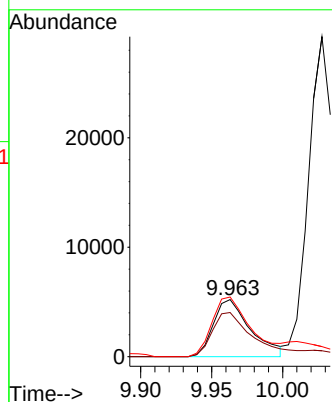
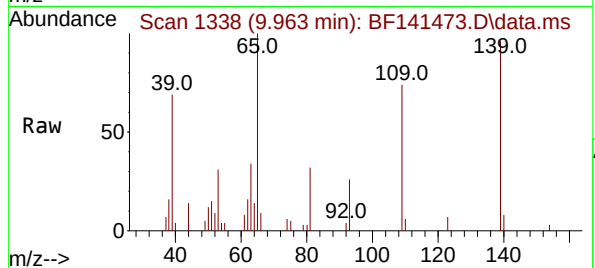




#56
4-Nitrophenol
Concen: 4.008 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

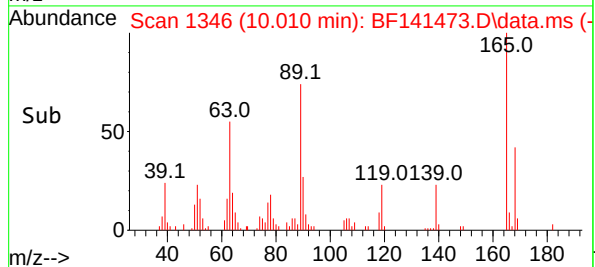
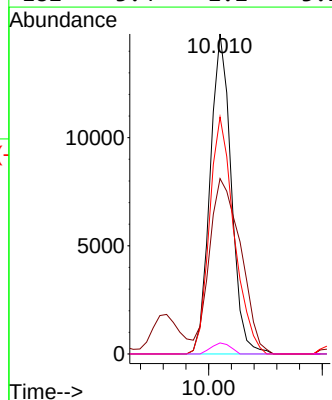
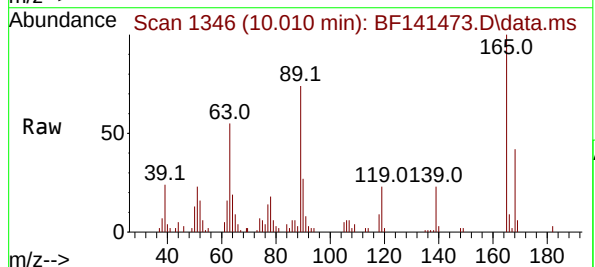
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

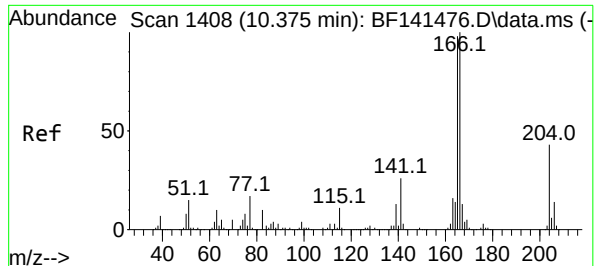
Tgt Ion:139 Resp: 9482
Ion Ratio Lower Upper
139 100
109 77.2 62.0 102.0
65 104.4 91.2 131.2



#57
2,4-Dinitrotoluene
Concen: 4.842 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:165 Resp: 19087
Ion Ratio Lower Upper
165 100
63 54.8 46.4 69.6
89 74.0 61.8 92.6
182 3.4 2.2 3.2#

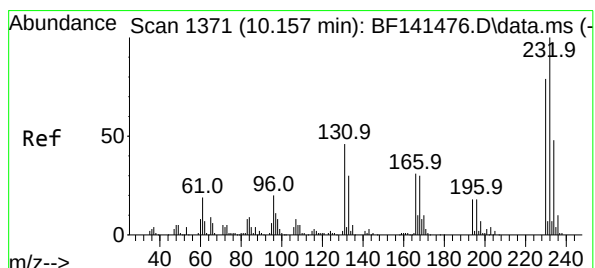
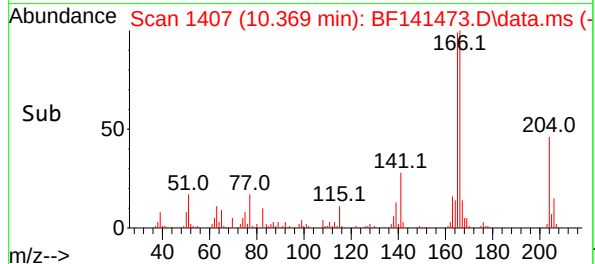
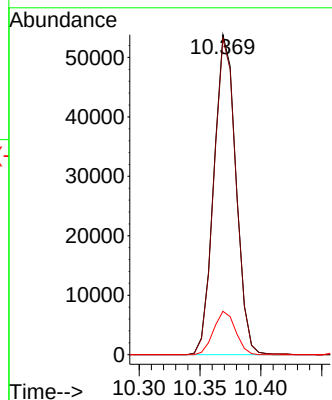
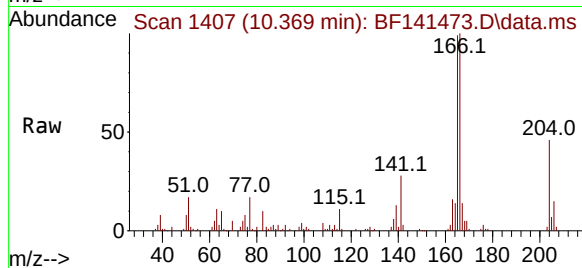




#58
Fluorene
Concen: 5.220 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

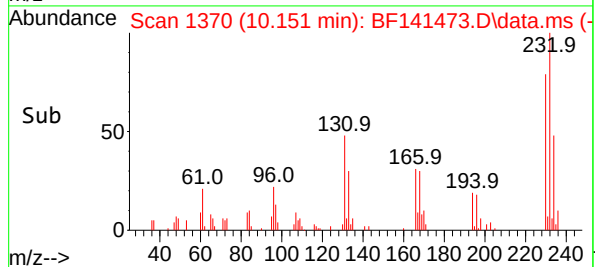
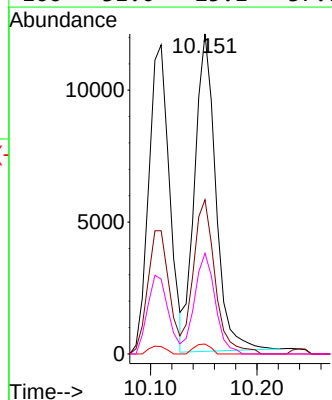
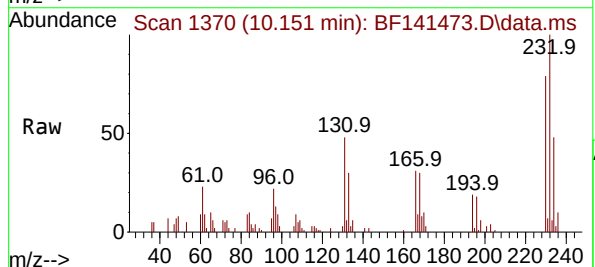
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

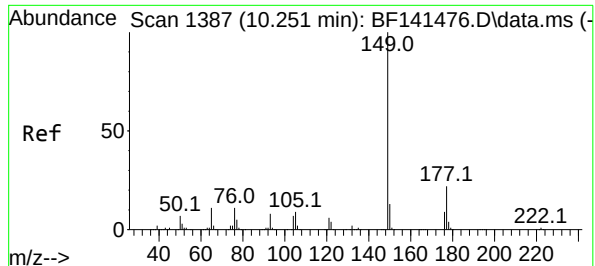
Tgt Ion:166 Resp: 67764
Ion Ratio Lower Upper
166 100
165 98.8 78.2 117.2
167 13.5 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.760 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:232 Resp: 16570
Ion Ratio Lower Upper
232 100
131 50.2 39.2 58.8
130 2.5 2.1 3.1
166 31.0 25.1 37.7





#60

Diethylphthalate

Concen: 5.241 ng

RT: 10.239 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

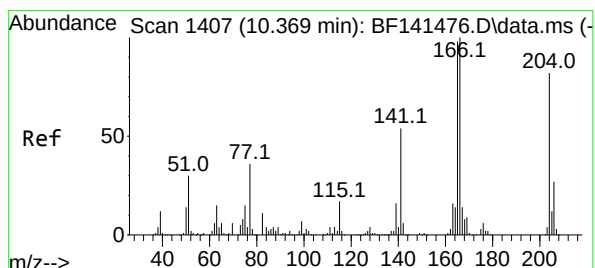
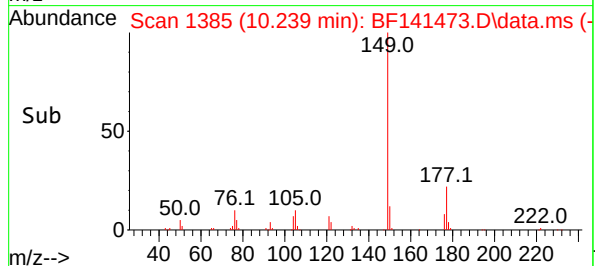
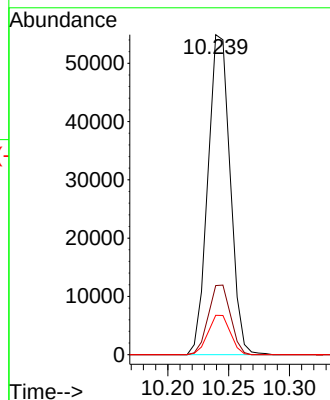
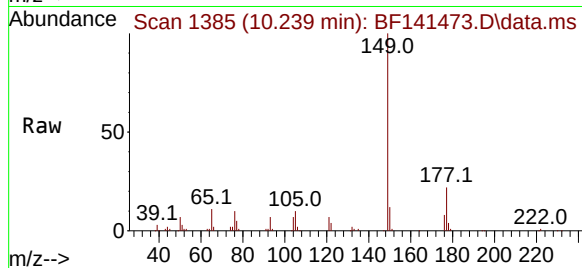
Tgt Ion:149 Resp: 69845

Ion Ratio Lower Upper

149 100

177 21.6 17.8 26.6

150 12.3 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 5.277 ng

RT: 10.363 min Scan# 1406

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

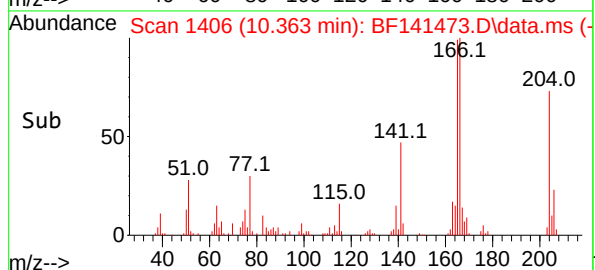
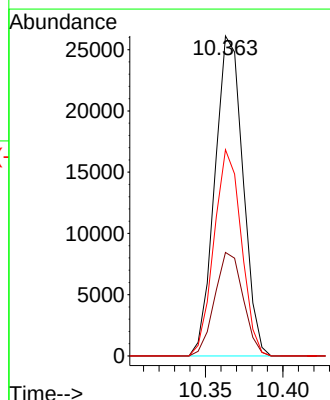
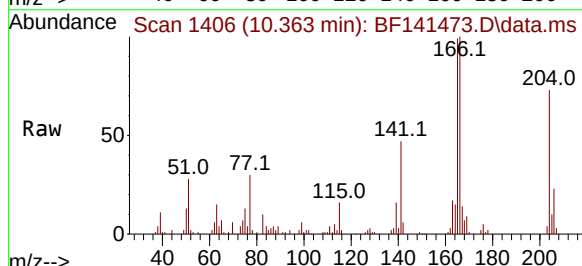
Tgt Ion:204 Resp: 32951

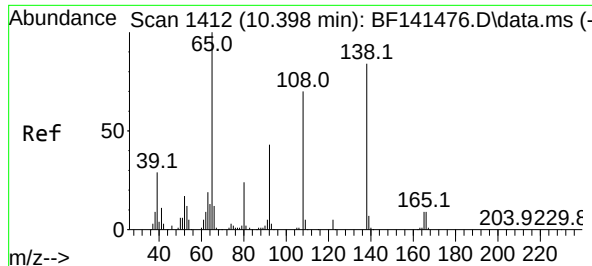
Ion Ratio Lower Upper

204 100

206 32.3 26.6 40.0

141 64.4 51.9 77.9

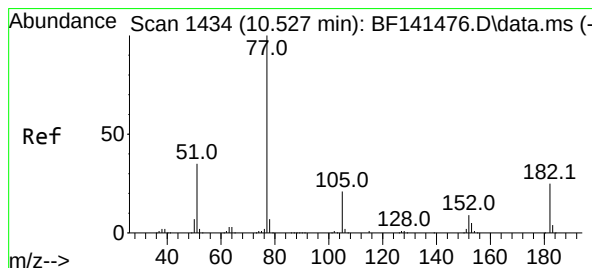
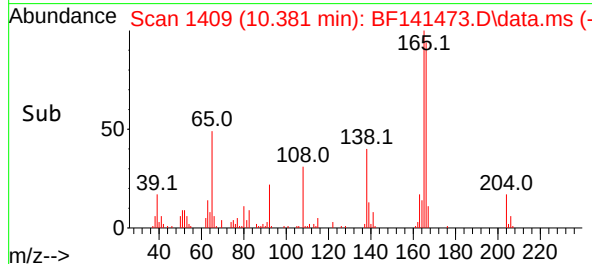
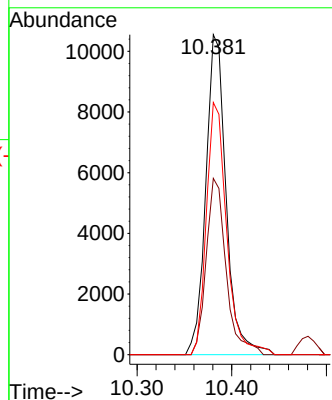
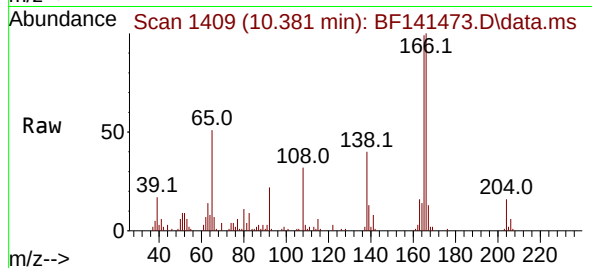




#62
4-Nitroaniline
Concen: 4.855 ng
RT: 10.381 min Scan# 1412
Delta R.T. -0.035 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

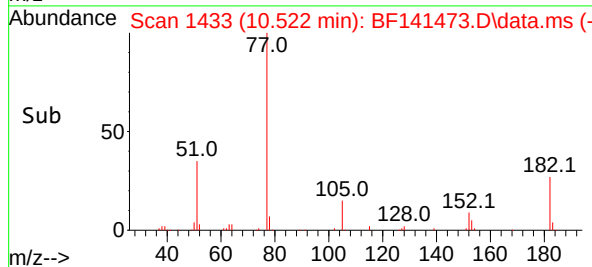
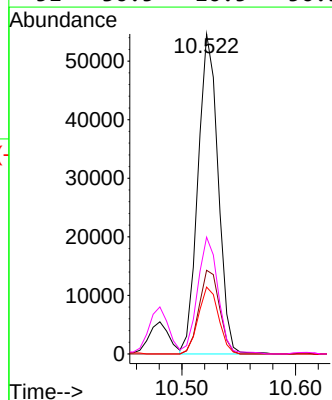
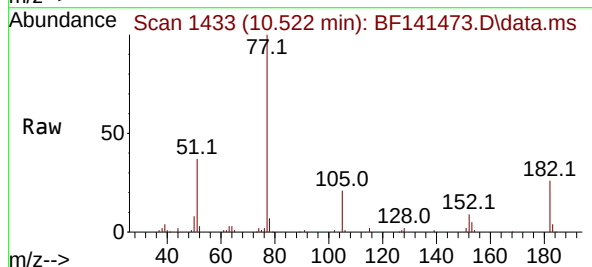
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

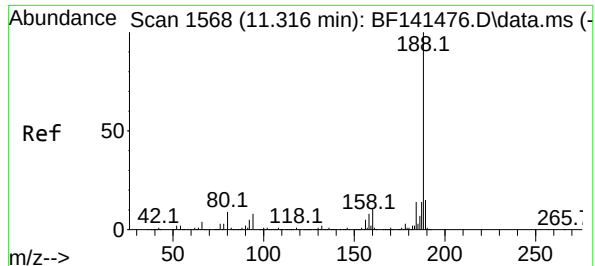
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	31.3	71.3
108	78.8	63.7	103.7



#63
Azobenzene
Concen: 5.077 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.7	44.7
105	20.9	0.4	40.4
51	36.5	16.5	56.5

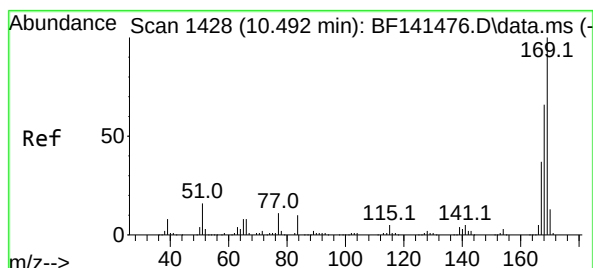
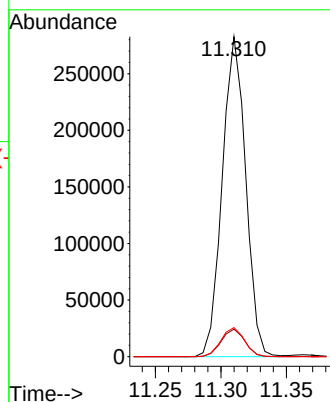
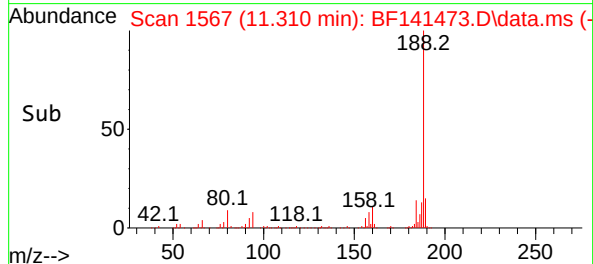
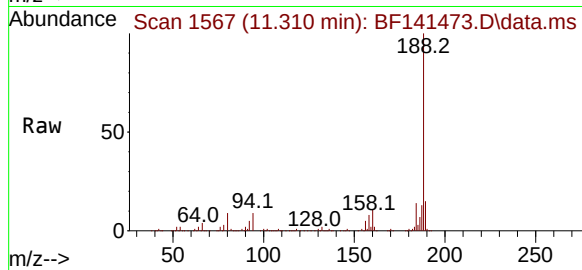




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

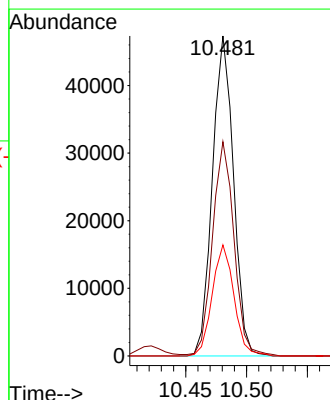
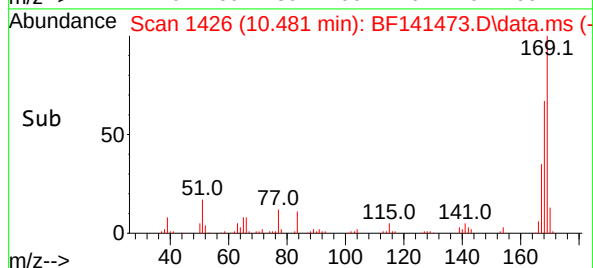
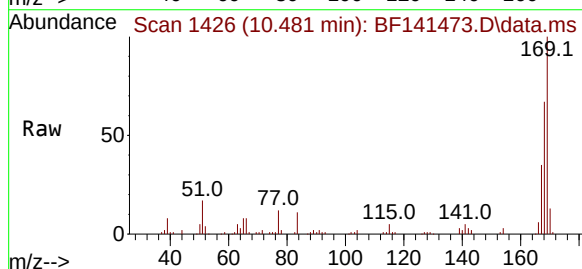
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

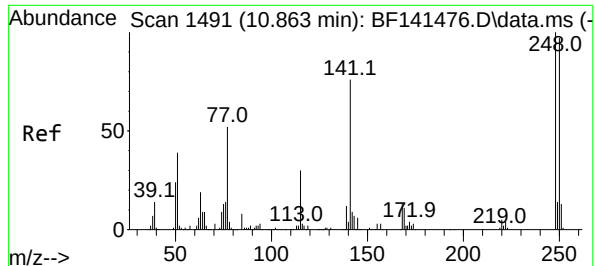
Tgt Ion:188 Resp: 351213
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.1 7.3 10.9



#66
n-Nitrosodiphenylamine
Concen: 5.076 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:169 Resp: 57063
Ion Ratio Lower Upper
169 100
168 66.9 53.3 79.9
167 34.7 29.4 44.2

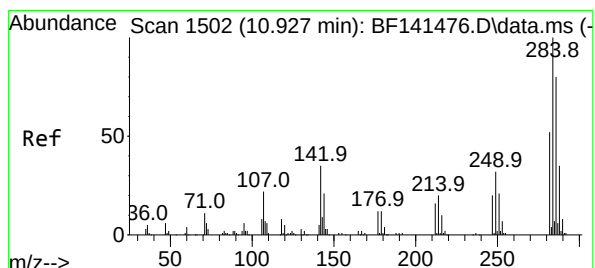
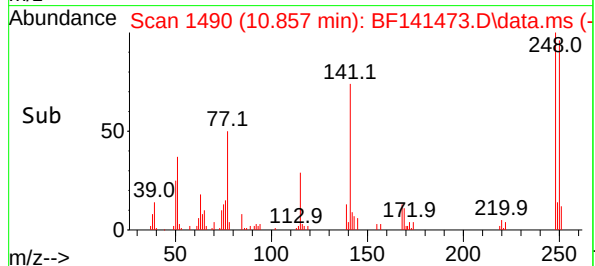
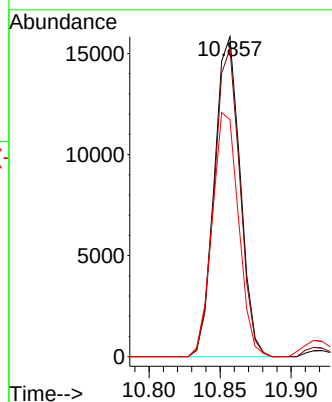
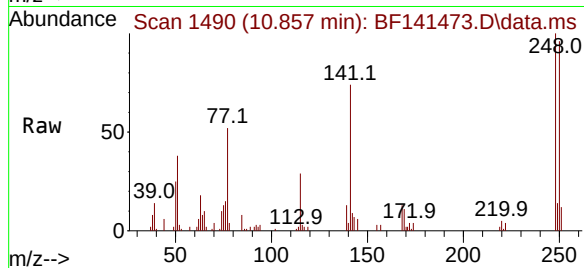




#67
4-Bromophenyl-phenylether
Concen: 5.098 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

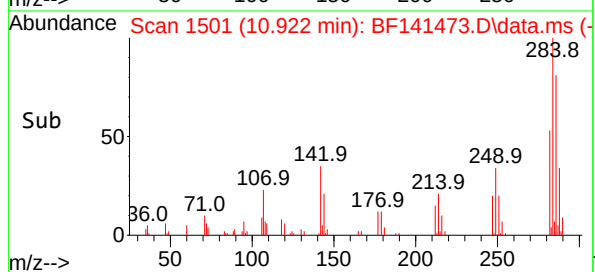
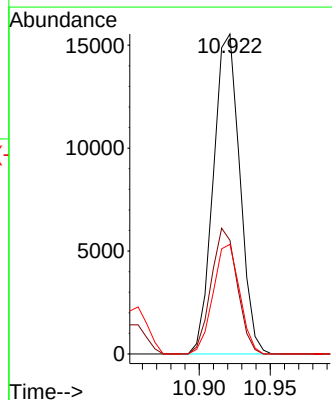
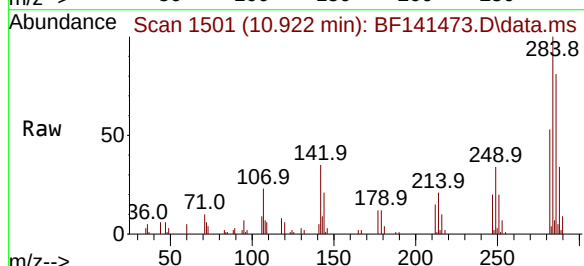
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

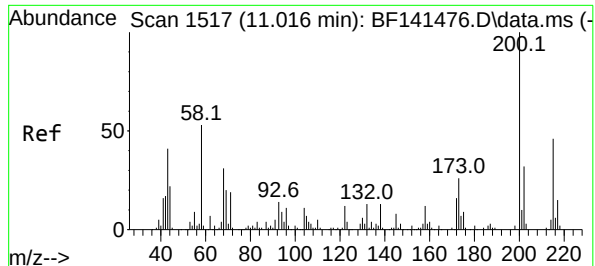
Tgt Ion:248 Resp: 20012
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.6
141 74.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 4.982 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:284 Resp: 20138
Ion Ratio Lower Upper
284 100
142 35.5 28.0 42.0
249 34.3 25.8 38.8





#69

Atrazine

Concen: 5.194 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.011 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

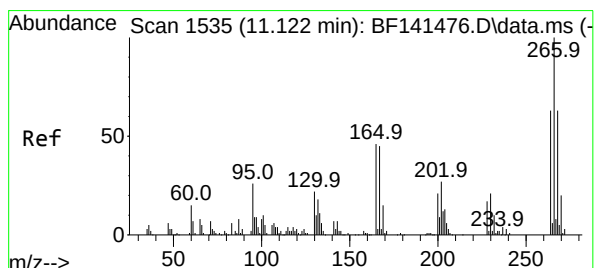
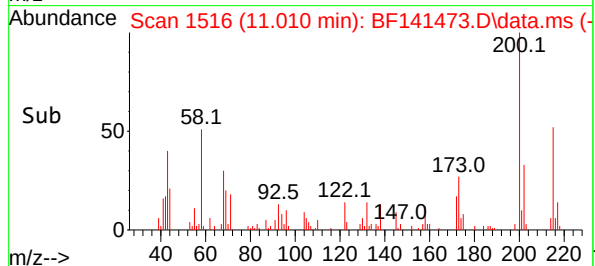
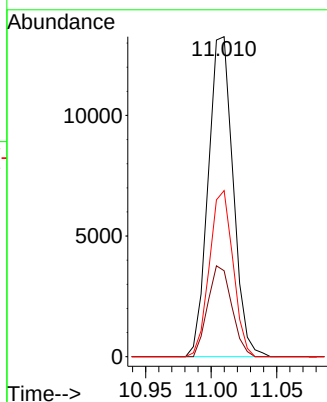
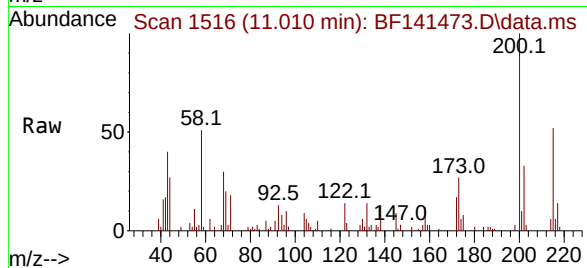
Tgt Ion:200 Resp: 17519

Ion Ratio Lower Upper

200 100

173 26.9 5.9 45.9

215 51.9 25.9 65.9



#70

Pentachlorophenol

Concen: 3.928 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

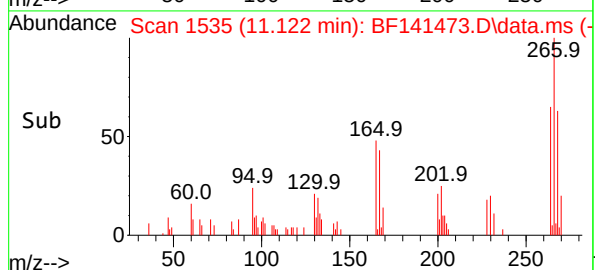
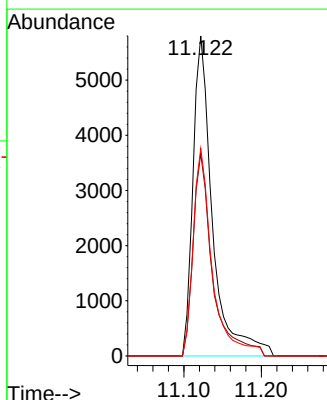
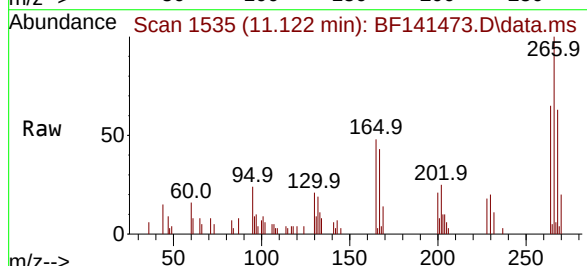
Tgt Ion:266 Resp: 10151

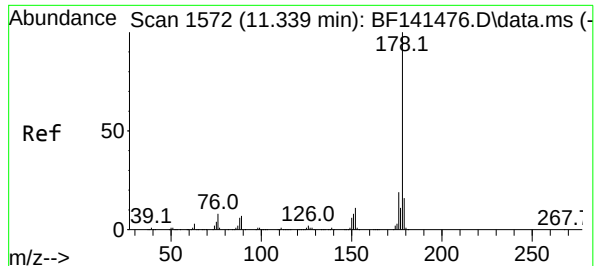
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

264 64.8 50.1 75.1

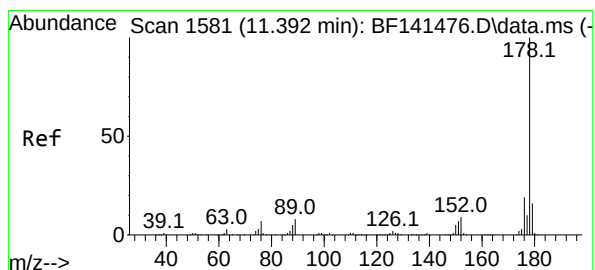
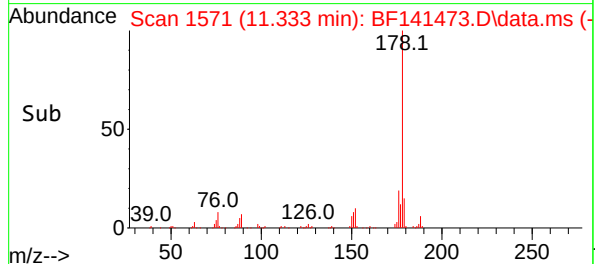
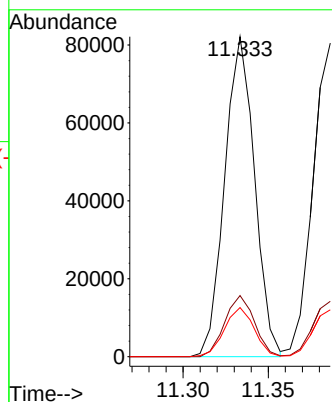
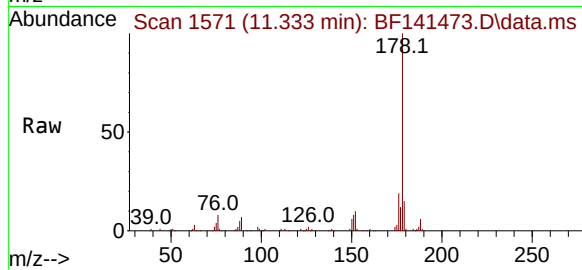




#71
Phenanthrene
Concen: 5.183 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

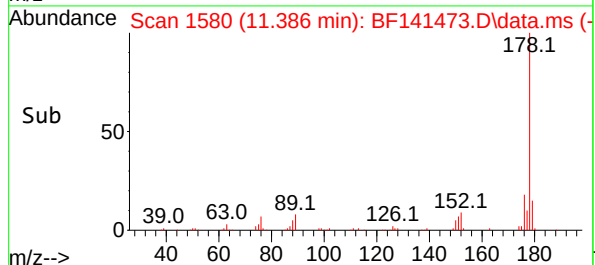
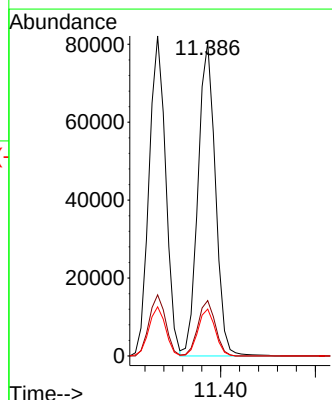
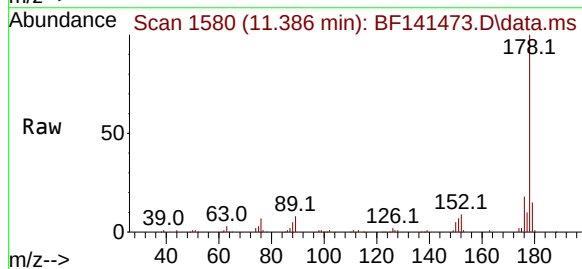
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

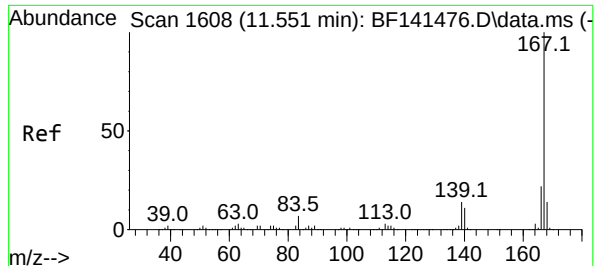
Tgt Ion:178 Resp: 100202
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 5.279 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

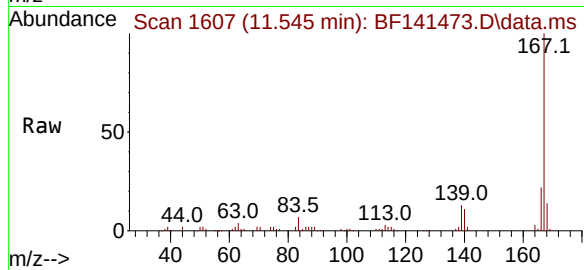
Tgt Ion:178 Resp: 102596
Ion Ratio Lower Upper
178 100
176 17.6 14.8 22.2
179 15.0 12.4 18.6



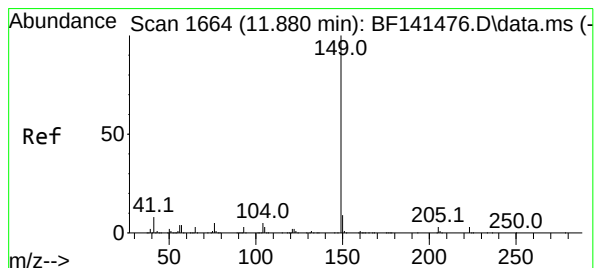
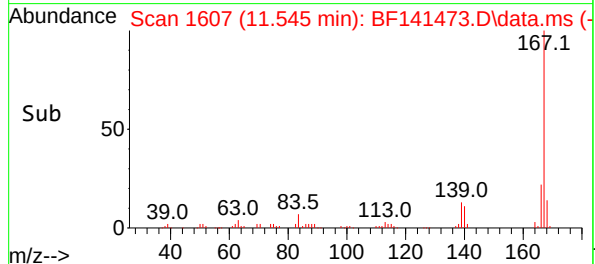
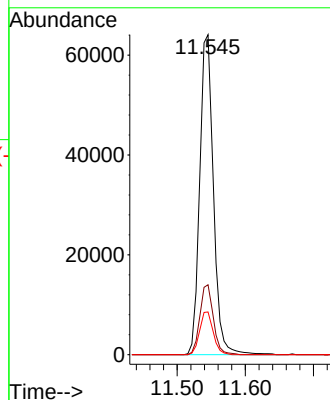


#73
Carbazole
Concen: 5.131 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

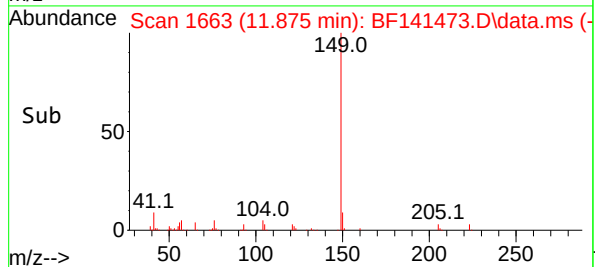
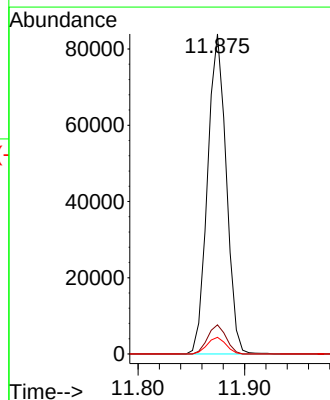
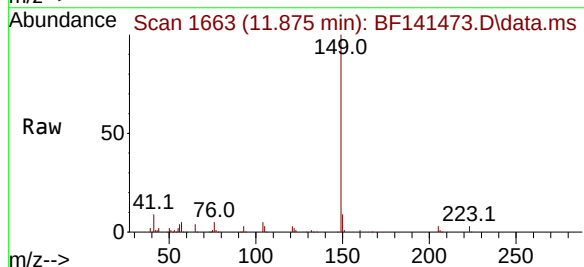


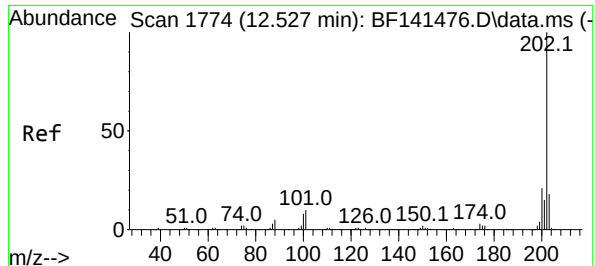
Tgt Ion:167 Resp: 89721
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.4 10.9 16.3



#74
Di-n-butylphthalate
Concen: 5.066 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:149 Resp: 102296
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.2 6.2

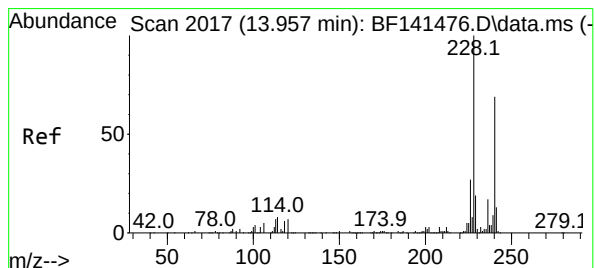
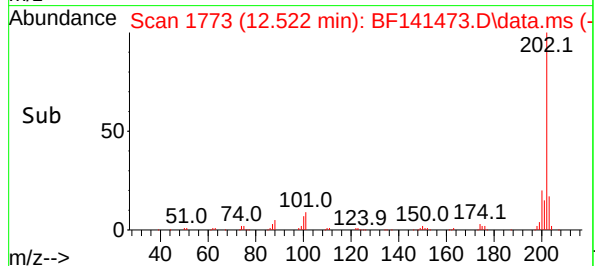
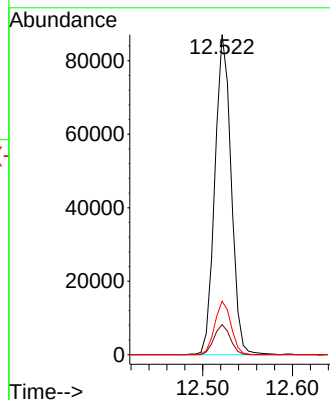
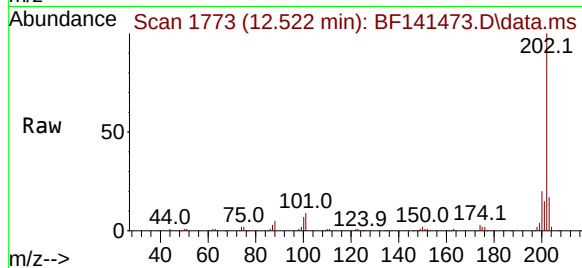




#75
Fluoranthene
Concen: 5.361 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

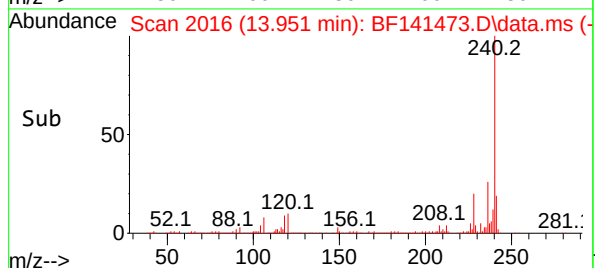
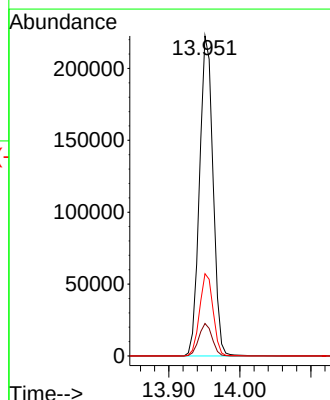
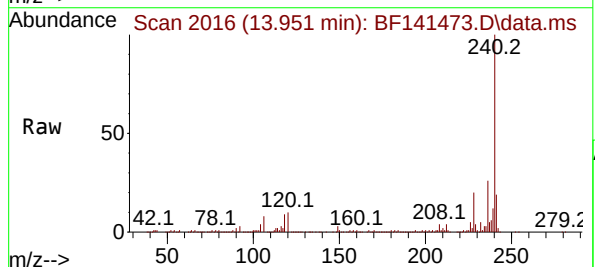
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

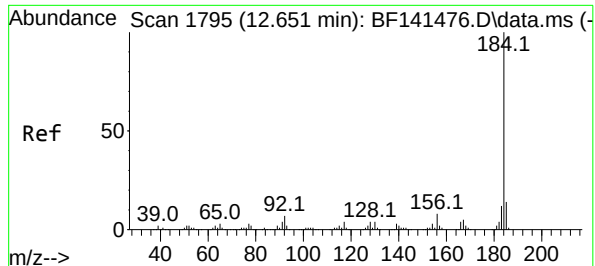
Tgt Ion:202 Resp: 109883
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.2
203 16.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:240 Resp: 295087
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.7 19.8 29.8





#77

Benzidine

Concen: 5.370 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

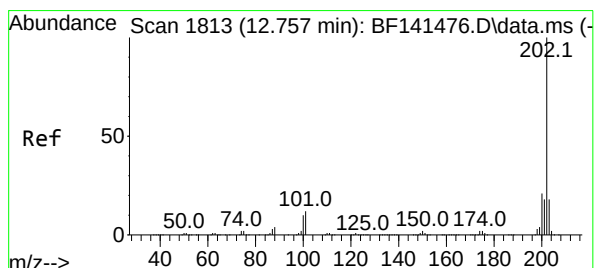
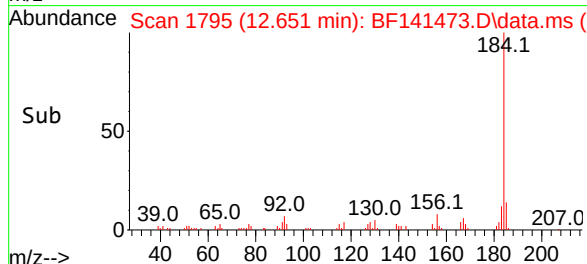
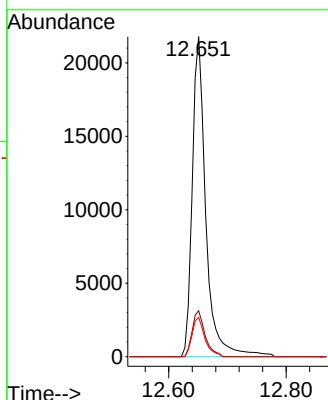
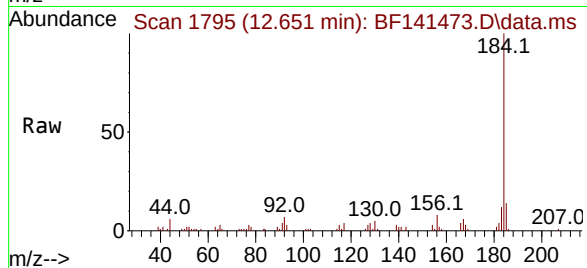
Tgt Ion:184 Resp: 34946

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 12.3 9.3 13.9



#78

Pyrene

Concen: 4.486 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

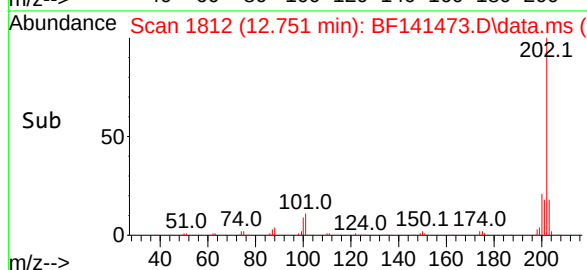
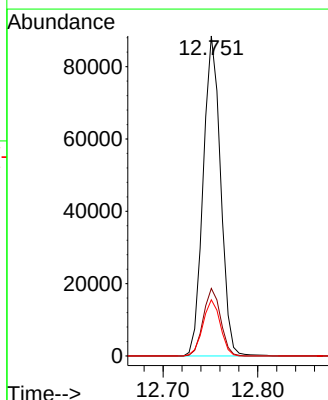
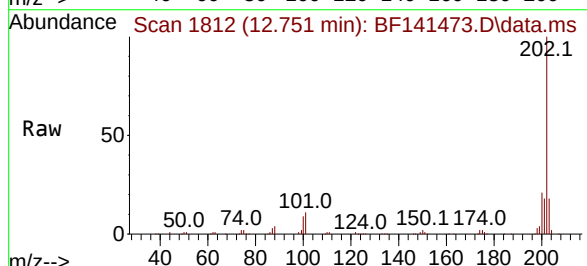
Tgt Ion:202 Resp: 112700

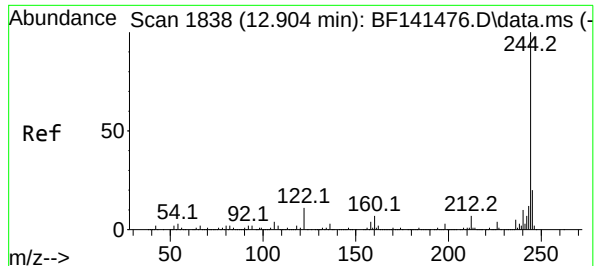
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 9.531 ng

RT: 12.892 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

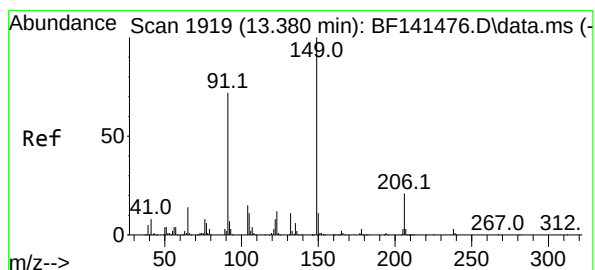
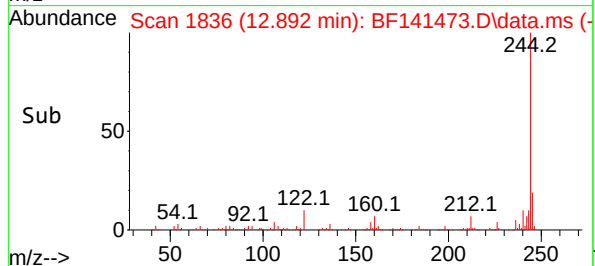
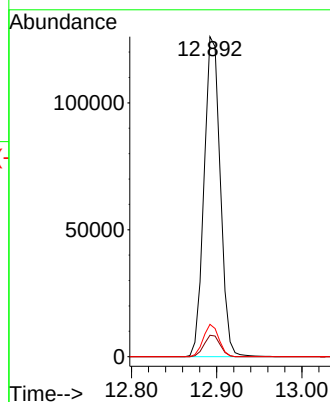
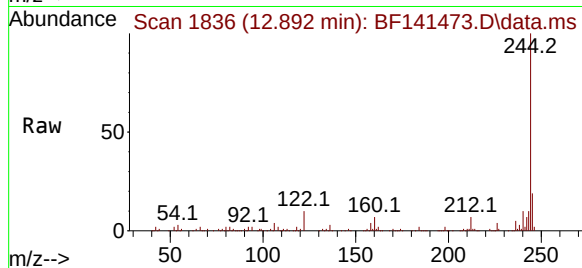
Tgt Ion:244 Resp: 166601

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.1 8.4 12.6



#80

Butylbenzylphthalate

Concen: 4.449 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

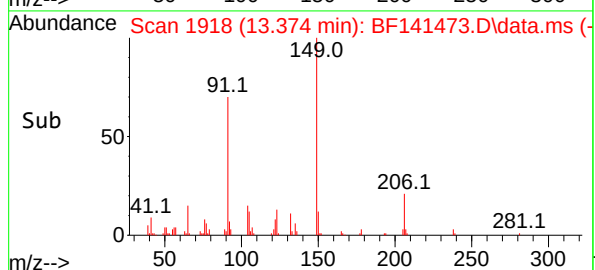
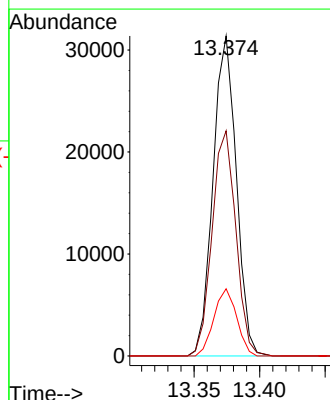
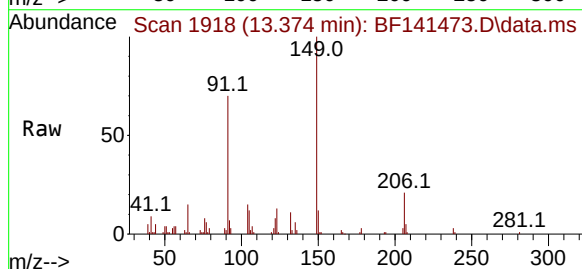
Tgt Ion:149 Resp: 38714

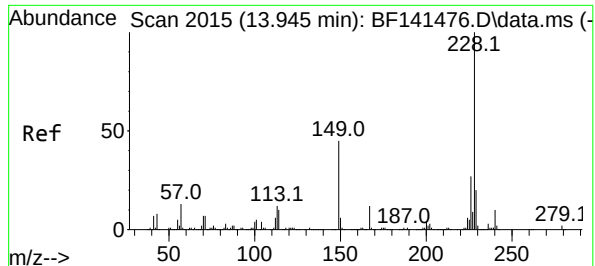
Ion Ratio Lower Upper

149 100

91 70.4 57.8 86.8

206 21.0 16.7 25.1

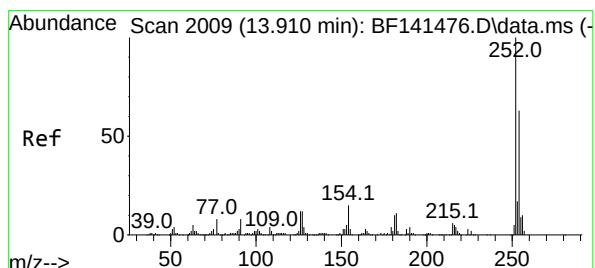
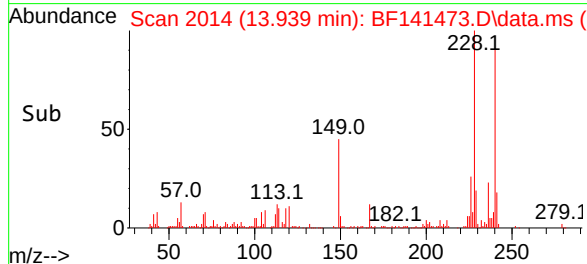
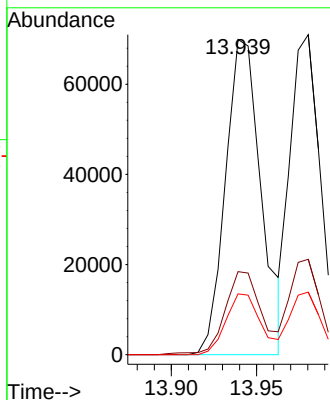
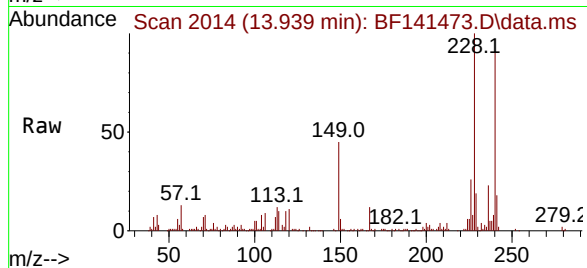




#81
Benzo(a)anthracene
Concen: 5.193 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

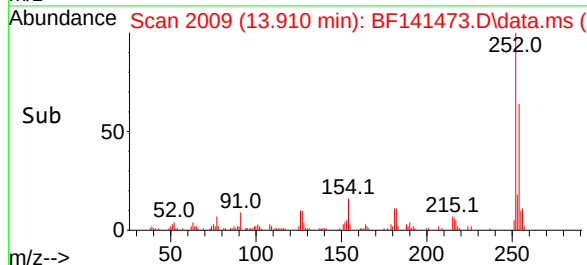
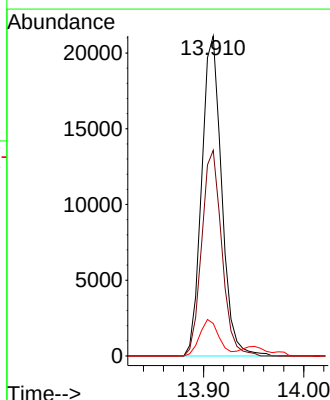
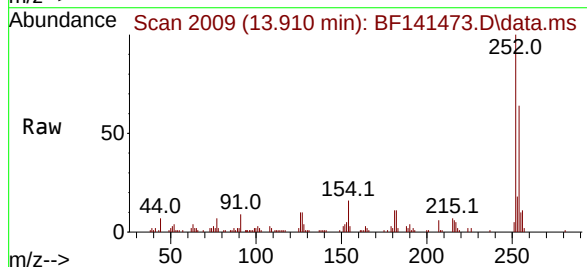
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

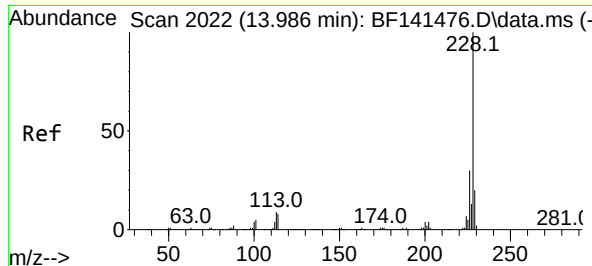
Tgt Ion:228 Resp: 101861
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.8
229 19.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 5.216 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:252 Resp: 29306
Ion Ratio Lower Upper
252 100
254 64.2 50.6 76.0
126 10.2 9.3 13.9





#83

Chrysene

Concen: 4.834 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

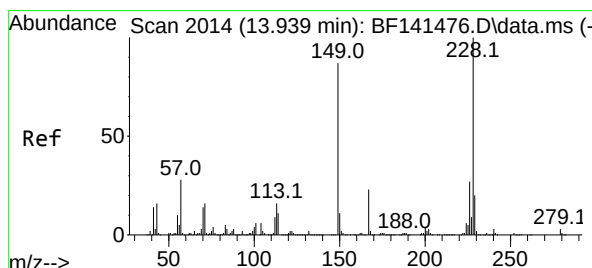
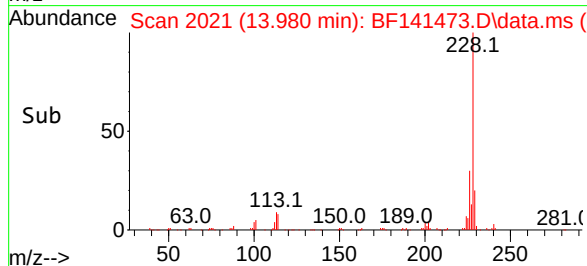
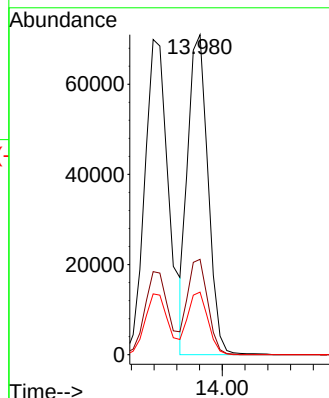
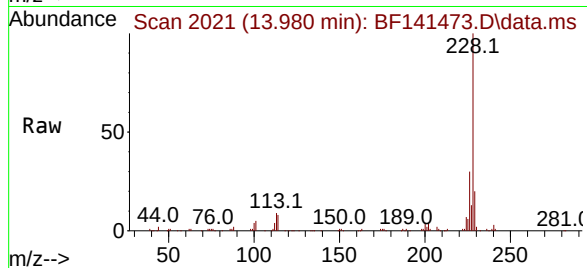
Tgt Ion:228 Resp: 87555

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.457 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

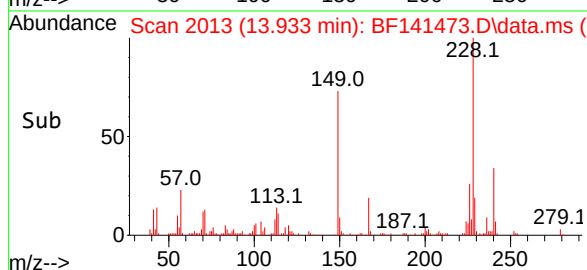
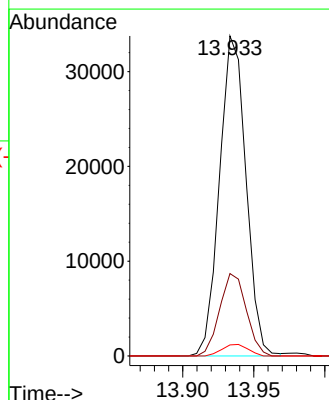
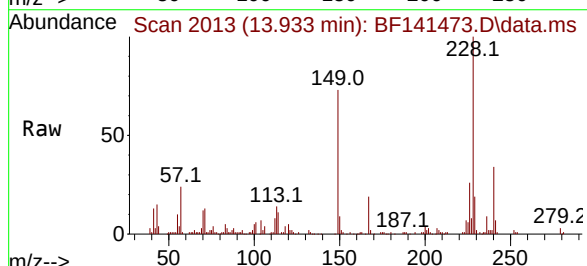
Tgt Ion:149 Resp: 43735

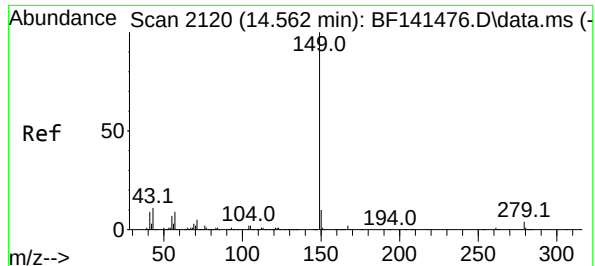
Ion Ratio Lower Upper

149 100

167 25.8 21.4 32.0

279 3.4 3.1 4.7

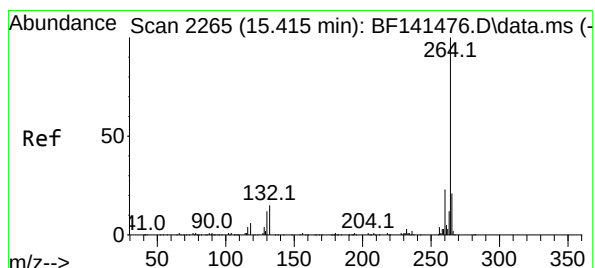
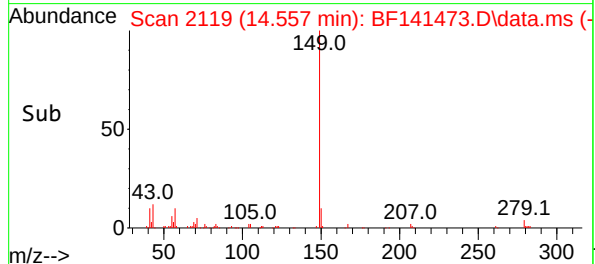
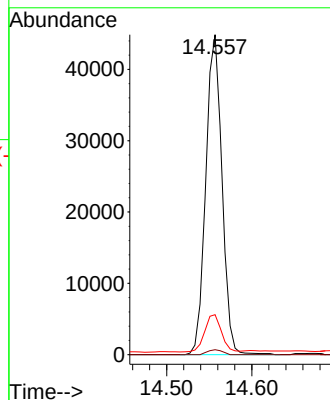
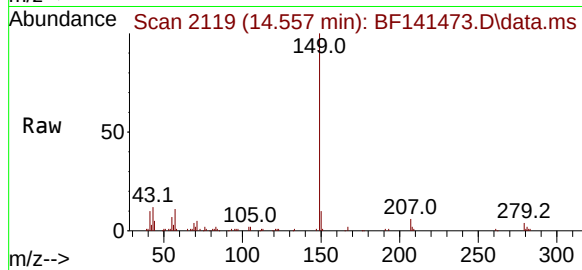




#85
Di-n-octyl phthalate
Concen: 4.229 ng
RT: 14.557 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

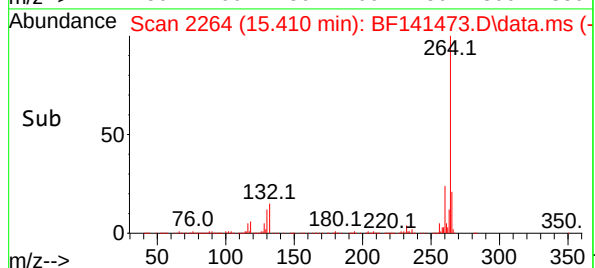
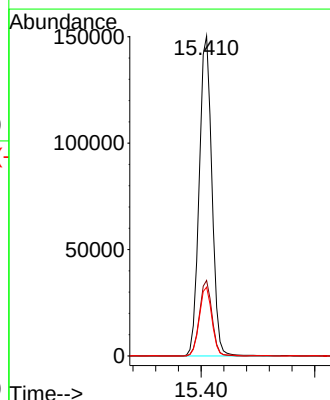
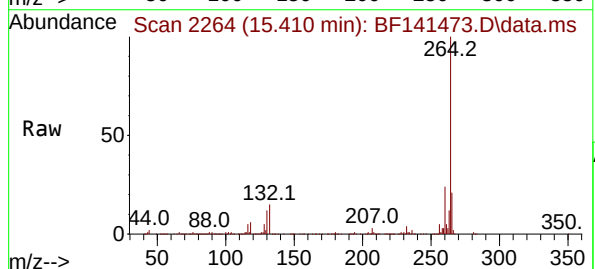
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

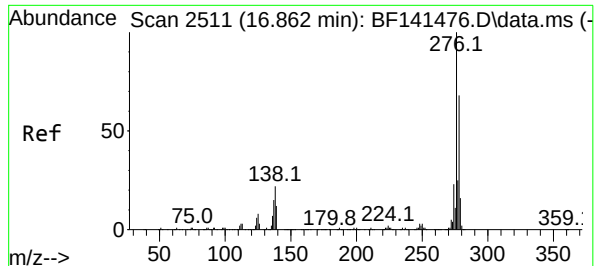
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	12.0	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.993 ng

RT: 16.839 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

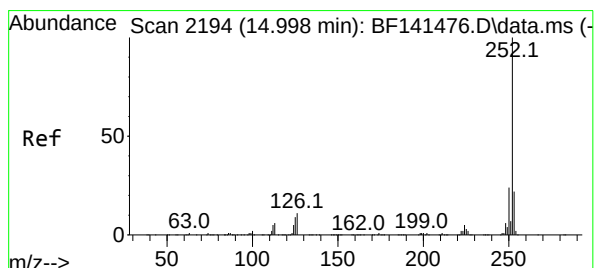
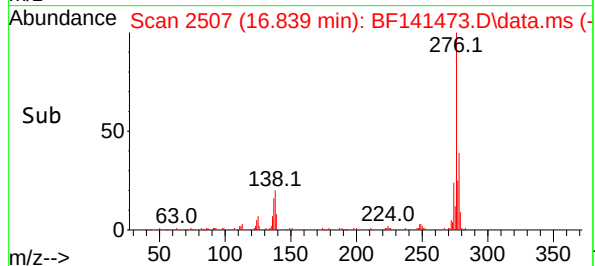
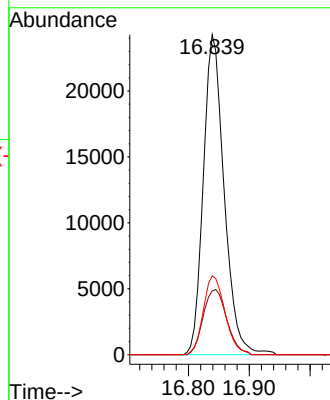
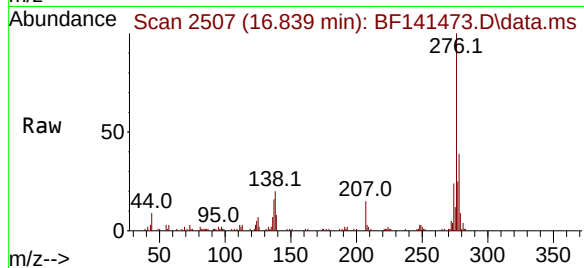
Tgt Ion:276 Resp: 57572

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 4.789 ng

RT: 14.986 min Scan# 2192

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

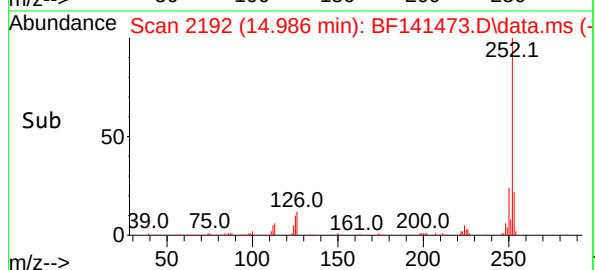
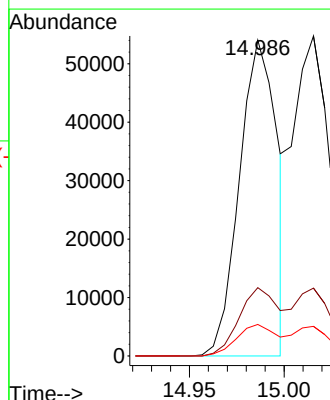
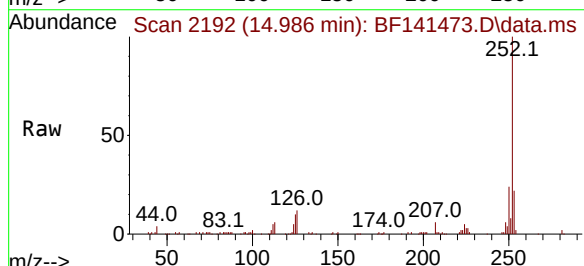
Tgt Ion:252 Resp: 75033

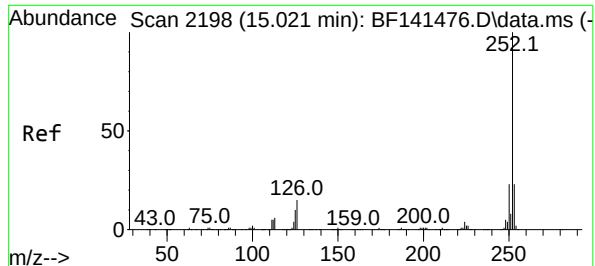
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 4.853 ng

RT: 15.016 min Scan# 2197

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

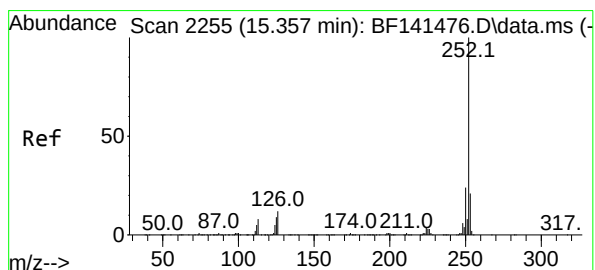
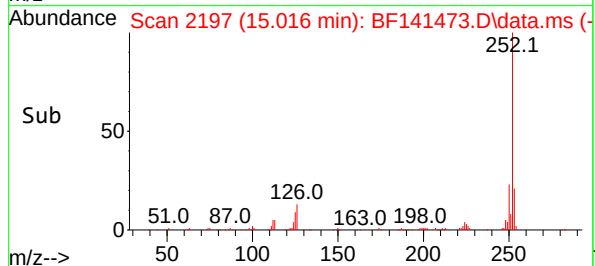
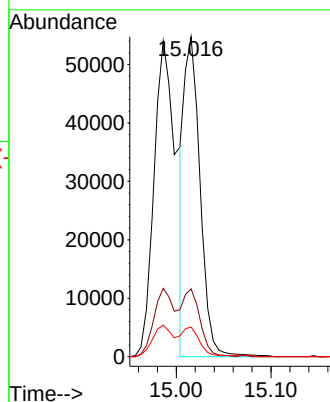
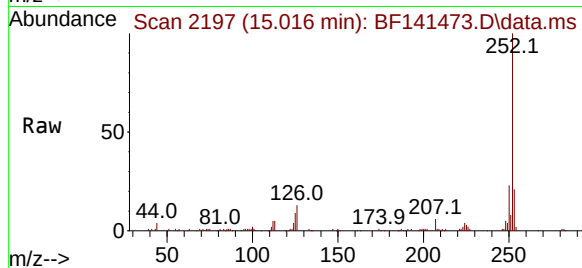
Tgt Ion:252 Resp: 64919

Ion Ratio Lower Upper

252 100

253 21.2 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 4.993 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

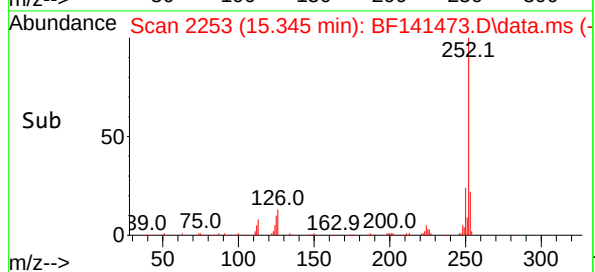
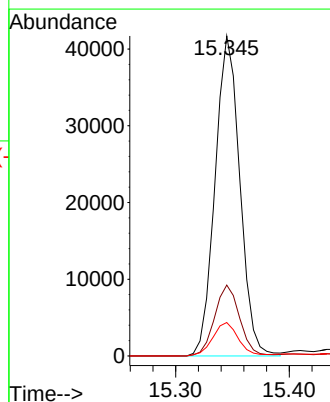
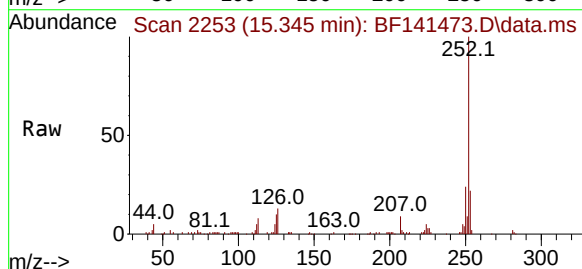
Tgt Ion:252 Resp: 63295

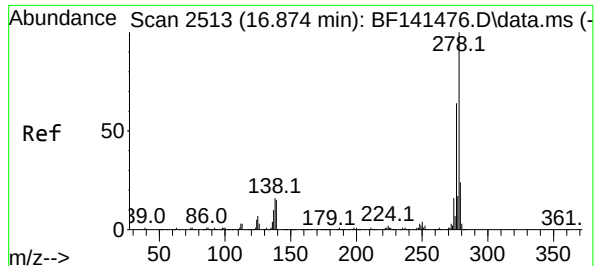
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 3.974 ng

RT: 16.857 min Scan# 2510

Delta R.T. -0.035 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

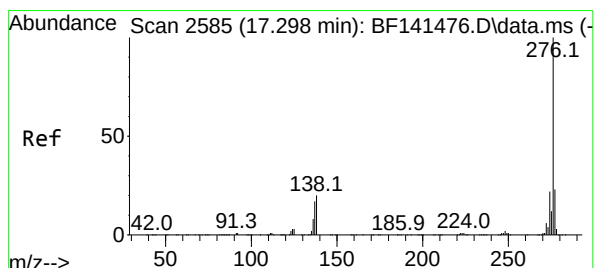
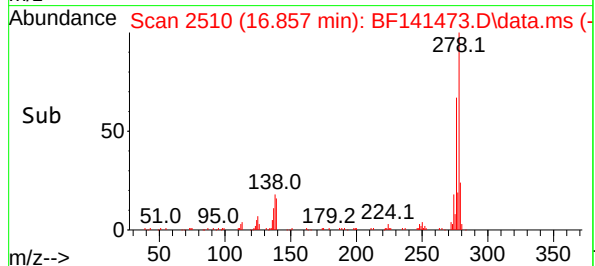
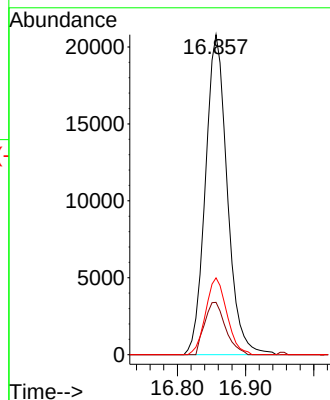
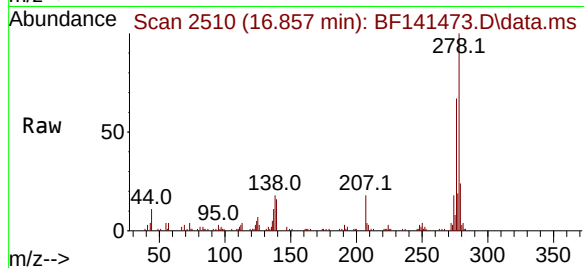
Tgt Ion:278 Resp: 46421

Ion Ratio Lower Upper

278 100

139 16.4 11.8 17.6

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 3.841 ng

RT: 17.274 min Scan# 2581

Delta R.T. -0.041 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

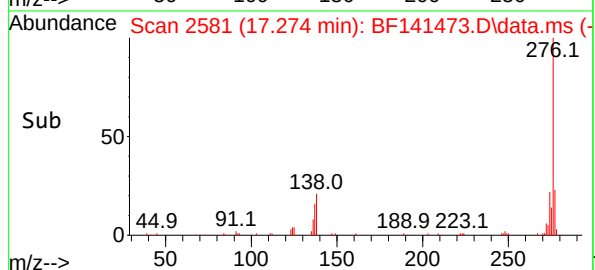
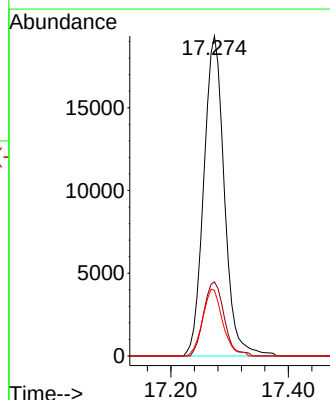
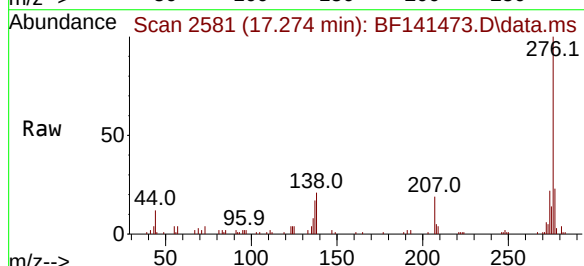
Tgt Ion:276 Resp: 46952

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 20.5 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141474.D
 Acq On : 06 Feb 2025 12:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 16:00:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	88879	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	361197	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	200046	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	347312	20.000	ng	0.00
76) Chrysene-d12	13.957	240	284792	20.000	ng	0.00
86) Perylene-d12	15.416	264	215900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	114669	20.227	ng	0.00
7) Phenol-d6	6.422	99	144805	20.209	ng	-0.02
23) Nitrobenzene-d5	7.345	82	136996	19.783	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	40073	19.941	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	271988	20.947	ng	0.00
79) Terphenyl-d14	12.898	244	314541	18.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	23063	10.108	ng	95
3) Pyridine	3.216	79	53532	9.859	ng	99
4) n-Nitrosodimethylamine	3.146	42	34386	9.564	ng	# 97
6) Aniline	6.446	93	68661	10.215	ng	92
8) 2-Chlorophenol	6.575	128	62679	10.232	ng	99
9) Benzaldehyde	6.334	77	44111	11.585	ng	99
10) Phenol	6.440	94	74689	10.015	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	54627	9.752	ng	98
12) 1,3-Dichlorobenzene	6.728	146	65850	10.182	ng	98
13) 1,4-Dichlorobenzene	6.804	146	68330	10.341	ng	97
14) 1,2-Dichlorobenzene	6.957	146	63948	10.428	ng	99
15) Benzyl Alcohol	6.928	79	55580	10.115	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	99782	10.406	ng	98
17) 2-Methylphenol	7.045	107	48375	10.092	ng	97
18) Hexachloroethane	7.298	117	24233	9.910	ng	98
19) n-Nitroso-di-n-propyla...	7.192	70	43762	10.210	ng	97
20) 3+4-Methylphenols	7.198	107	62949	10.332	ng	96
22) Acetophenone	7.192	105	90614	10.085	ng	# 97
24) Nitrobenzene	7.363	77	67032	9.927	ng	96
25) Isophorone	7.604	82	107242	9.712	ng	99
26) 2-Nitrophenol	7.687	139	31590	9.403	ng	97
27) 2,4-Dimethylphenol	7.728	122	38303	9.759	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	70458	9.958	ng	97
29) 2,4-Dichlorophenol	7.934	162	51883	9.784	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	57937	10.033	ng	97
31) Naphthalene	8.092	128	188046	10.002	ng	99
32) Benzoic acid	7.810	122	33645	8.253	ng	98
33) 4-Chloroaniline	8.145	127	63529	9.678	ng	98
34) Hexachlorobutadiene	8.210	225	34431	9.932	ng	98
35) Caprolactam	8.481	113	15331	9.495	ng	98
36) 4-Chloro-3-methylphenol	8.628	107	58441	9.949	ng	99
37) 2-Methylnaphthalene	8.781	142	124517	10.177	ng	99
38) 1-Methylnaphthalene	8.881	142	118722	10.019	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	58800	10.160	ng	98
41) Hexachlorocyclopentadiene	8.934	237	13785	7.161	ng	91
43) 2,4,6-Trichlorophenol	9.063	196	36558	9.773	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141474.D
 Acq On : 06 Feb 2025 12:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 16:00:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

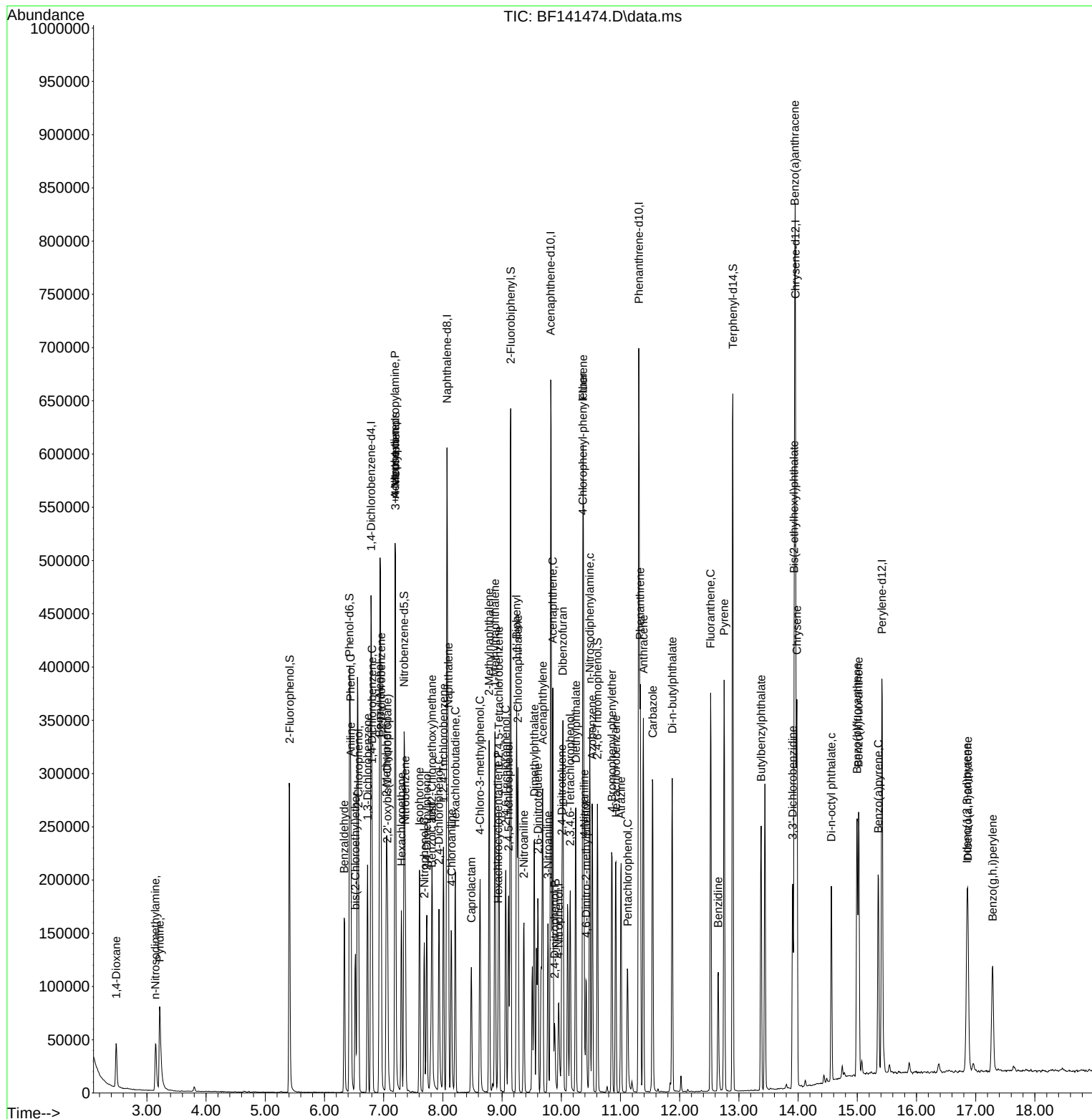
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	40697	10.039	ng	97
46) 1,1'-Biphenyl	9.245	154	156431	10.086	ng	99
47) 2-Chloronaphthalene	9.269	162	116119	10.125	ng	99
48) 2-Nitroaniline	9.369	65	37155	9.653	ng	96
49) Acenaphthylene	9.686	152	173644	10.179	ng	99
50) Dimethylphthalate	9.545	163	135886	10.006	ng	100
51) 2,6-Dinitrotoluene	9.604	165	29006	9.770	ng	96
52) Acenaphthene	9.857	154	116461m	10.155	ng	
53) 3-Nitroaniline	9.775	138	31330	9.805	ng	100
54) 2,4-Dinitrophenol	9.886	184	13341	7.561	ng	98
55) Dibenzofuran	10.028	168	172206	10.230	ng	98
56) 4-Nitrophenol	9.957	139	21569	9.093	ng	96
57) 2,4-Dinitrotoluene	10.010	165	40306	10.198	ng	93
58) Fluorene	10.369	166	136110	10.458	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	36102	10.344	ng	# 96
60) Diethylphthalate	10.245	149	134593	10.073	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	64305	10.270	ng	97
62) 4-Nitroaniline	10.386	138	31934	9.842	ng	98
63) Azobenzene	10.522	77	132968	10.010	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	20074	8.320	ng	98
66) n-Nitrosodiphenylamine	10.481	169	113408	10.201	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	38257	9.856	ng	97
68) Hexachlorobenzene	10.922	284	40715	10.186	ng	98
69) Atrazine	11.010	200	35287	10.580	ng	98
70) Pentachlorophenol	11.122	266	22735	8.895	ng	98
71) Phenanthrene	11.333	178	196586	10.283	ng	99
72) Anthracene	11.386	178	195528	10.174	ng	99
73) Carbazole	11.545	167	178223	10.306	ng	99
74) Di-n-butylphthalate	11.875	149	200806	10.057	ng	100
75) Fluoranthene	12.522	202	215218	10.618	ng	99
77) Benzidine	12.651	184	69402	11.050	ng	98
78) Pyrene	12.751	202	221721	9.146	ng	99
80) Butylbenzylphthalate	13.374	149	76852	9.152	ng	100
81) Benzo(a)anthracene	13.945	228	189705	10.021	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	58487	10.785	ng	99
83) Chrysene	13.980	228	174103	9.960	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	86853	9.171	ng	98
85) Di-n-octyl phthalate	14.563	149	115875	8.576	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	111083	8.327	ng	98
88) Benzo(b)fluoranthene	14.998	252	151861	10.476	ng	98
89) Benzo(k)fluoranthene	15.021	252	131265	10.604	ng	99
90) Benzo(a)pyrene	15.357	252	115948	9.885	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	89400	8.271	ng	99
92) Benzo(g,h,i)perylene	17.286	276	93242	8.243	ng	99

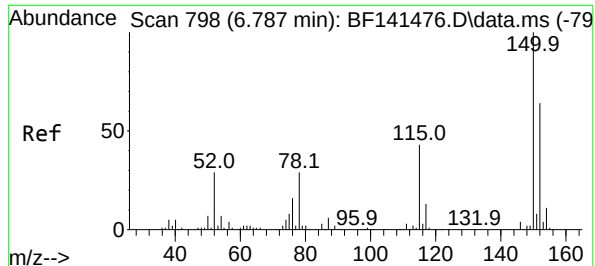
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

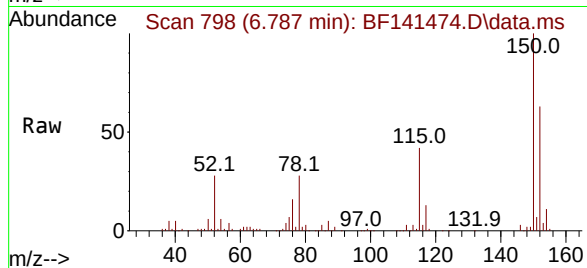
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

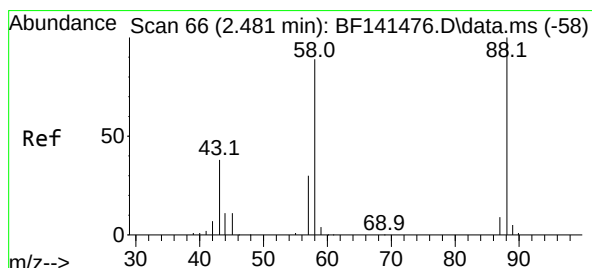
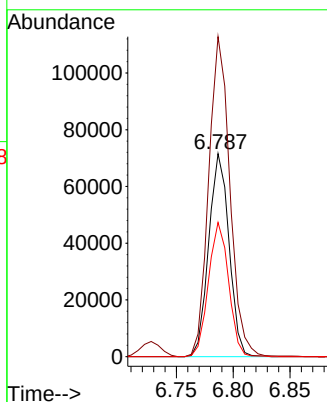
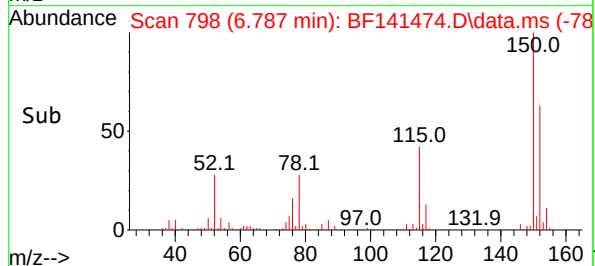
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 88879
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.4
115 66.1 53.6 80.4

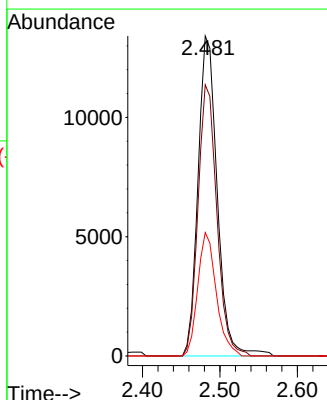
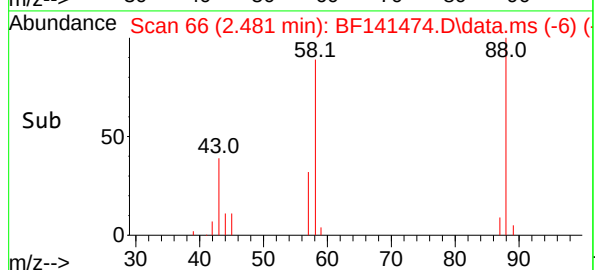
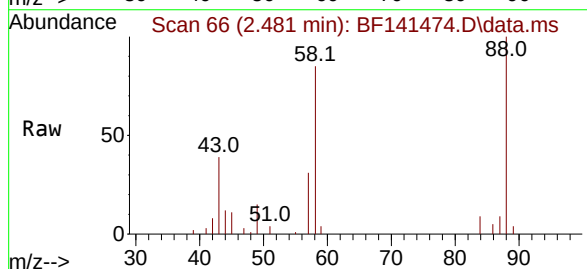
Manual Integrations
APPROVED

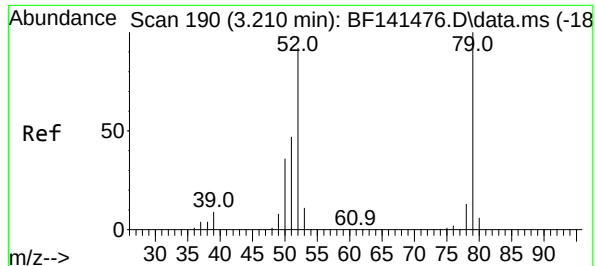
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#2
1,4-Dioxane
Concen: 10.108 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 88 Resp: 23063
Ion Ratio Lower Upper
88 100
58 83.0 71.1 106.7
43 37.3 30.6 46.0





#3

Pyridine

Concen: 9.859 ng

RT: 3.216 min Scan# 190

Delta R.T. 0.000 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 5353

Ion Ratio Lower Upper

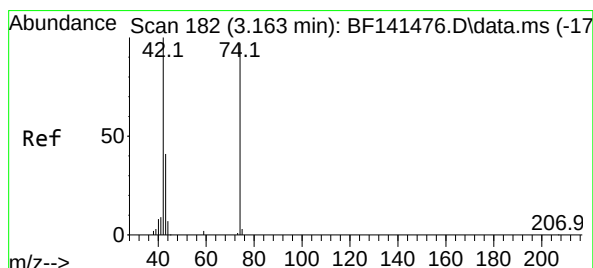
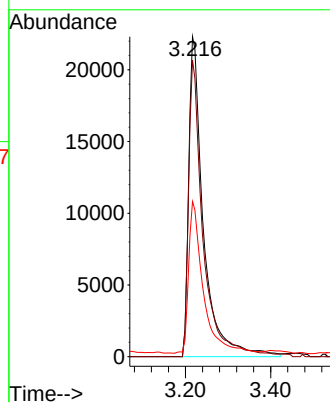
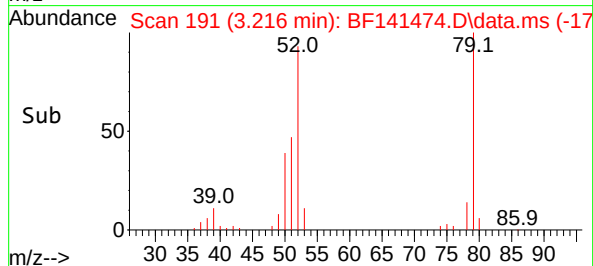
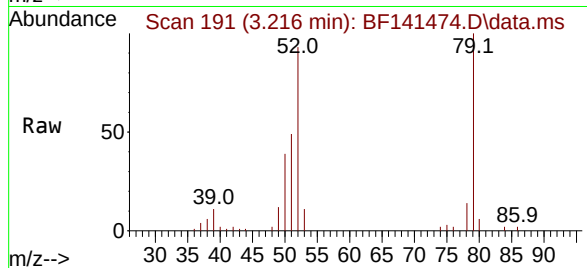
79 100

52 92.7 73.7 110.5

51 48.5 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#4

n-Nitrosodimethylamine

Concen: 9.564 ng

RT: 3.146 min Scan# 179

Delta R.T. -0.041 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

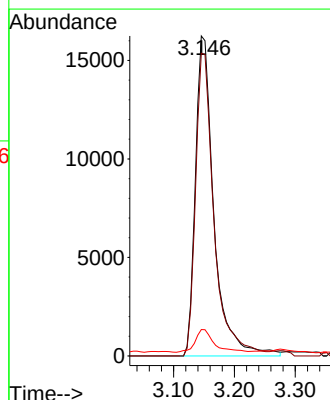
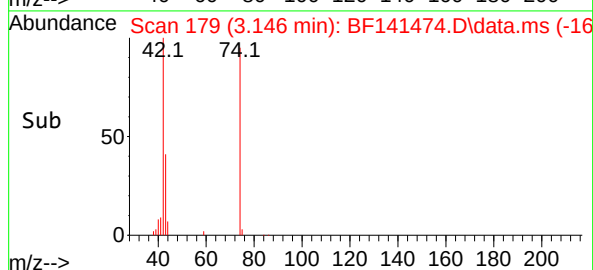
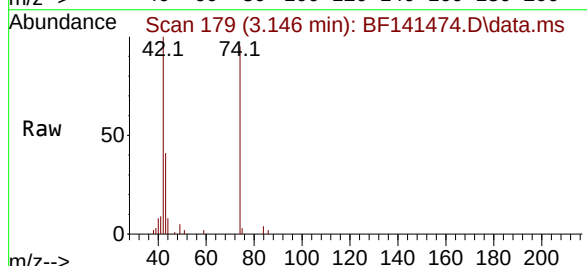
Tgt Ion: 42 Resp: 34386

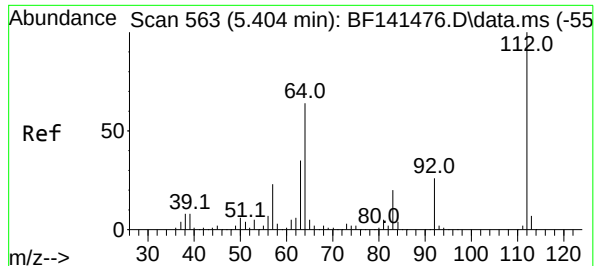
Ion Ratio Lower Upper

42 100

74 94.6 78.0 117.0

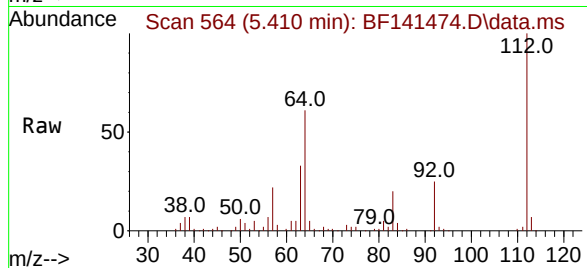
44 8.3 5.4 8.2#





#5
2-Fluorophenol
Concen: 20.227 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

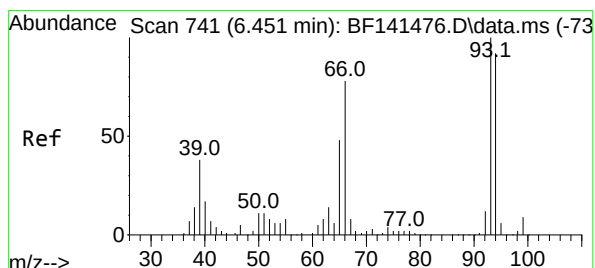
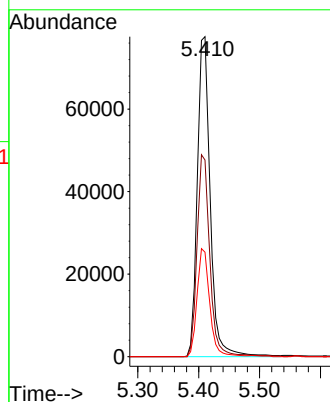
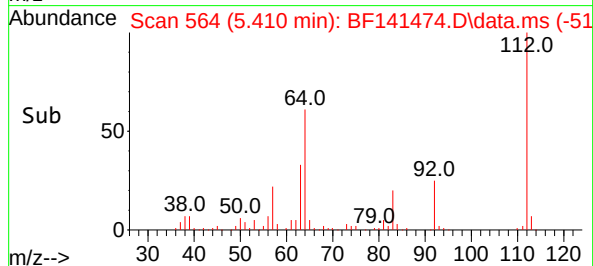
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:112 Resp: 114669
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 32.6 28.4 42.6

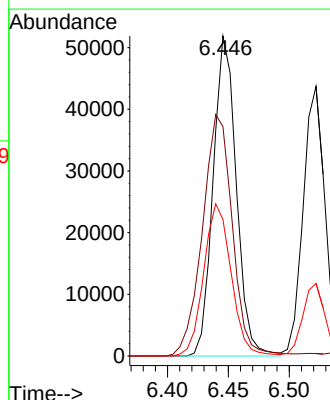
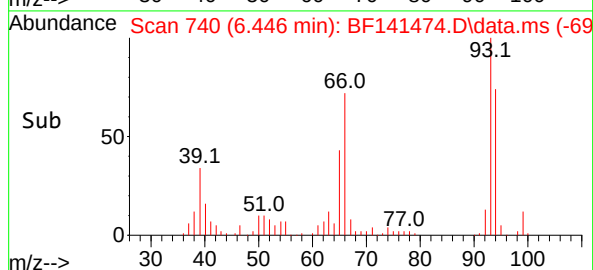
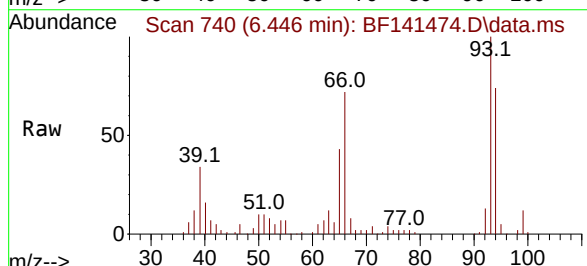
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APPROVED

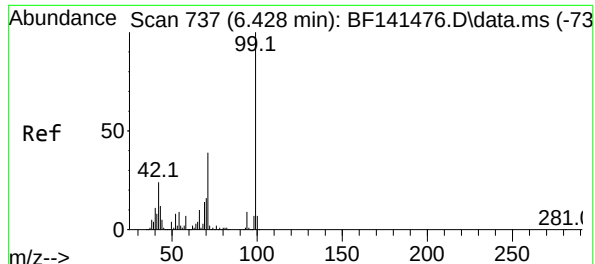
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#6
Aniline
Concen: 10.215 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

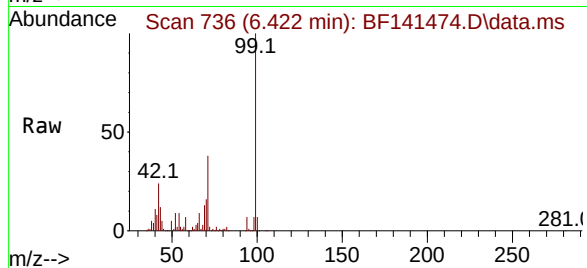
Tgt Ion: 93 Resp: 68661
Ion Ratio Lower Upper
93 100
66 71.7 62.6 94.0
65 42.7 38.3 57.5





#7
Phenol-d6
Concen: 20.209 ng
RT: 6.422 min Scan# 714
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

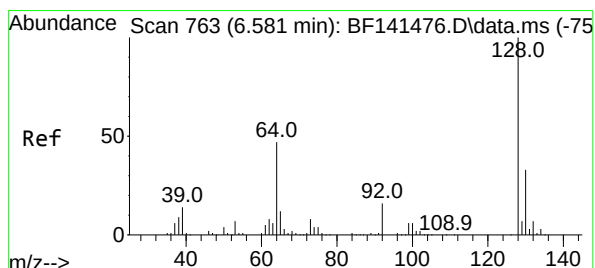
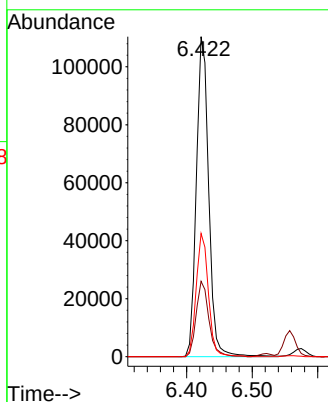
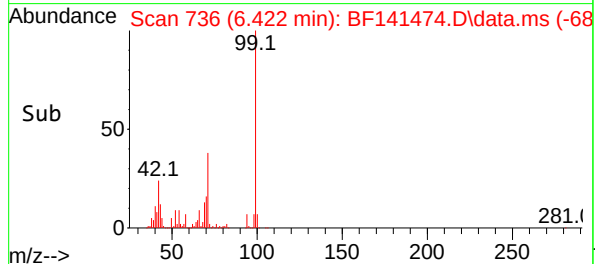
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 14480
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 38.5 31.1 46.7

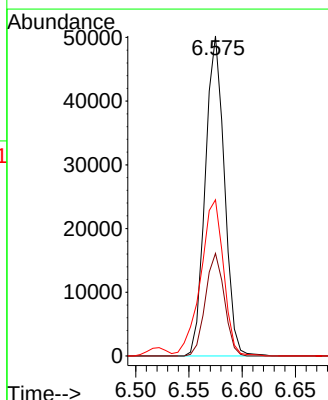
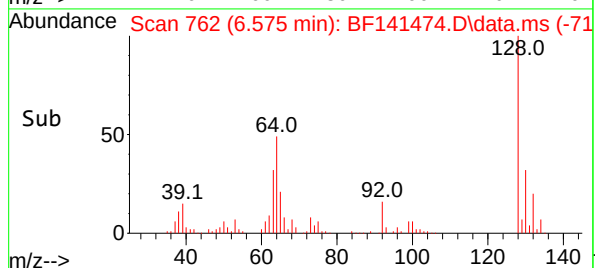
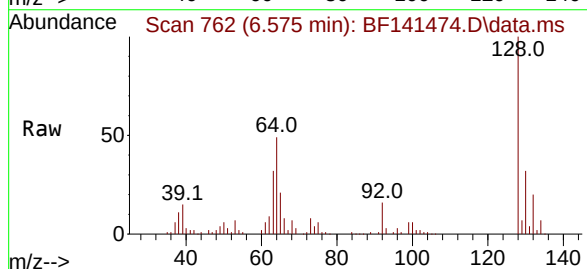
Manual Integrations
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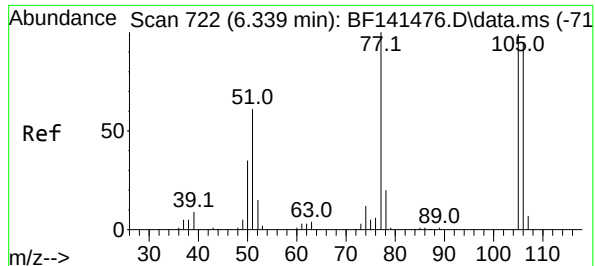
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#8
2-Chlorophenol
Concen: 10.232 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:128 Resp: 62679
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 48.8 28.3 68.3





#9

Benzaldehyde

Concen: 11.585 ng

RT: 6.334 min Scan# 711

Delta R.T. -0.005 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 4411

Ion Ratio Lower Upper

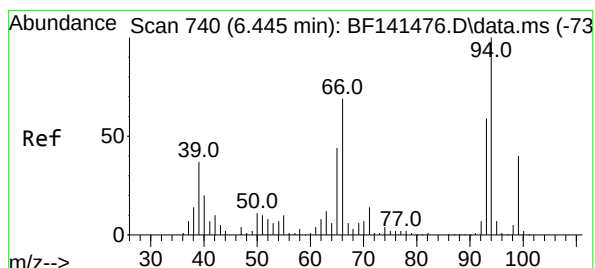
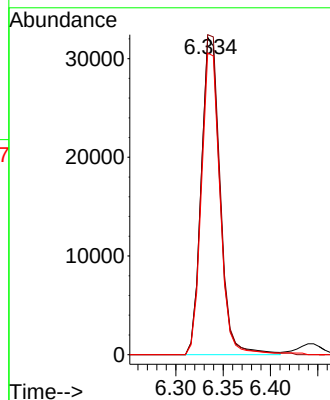
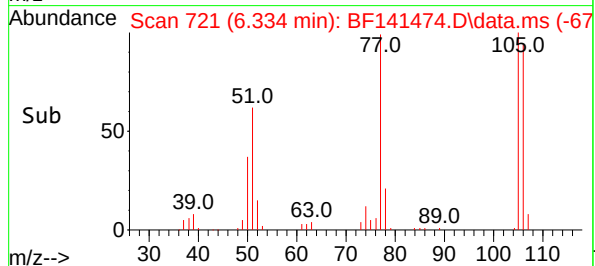
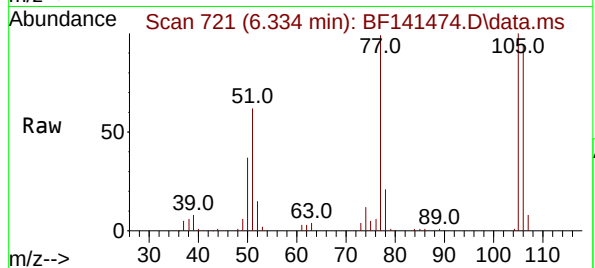
77 100

105 100.9 79.4 119.4

106 95.1 75.1 115.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#10

Phenol

Concen: 10.015 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

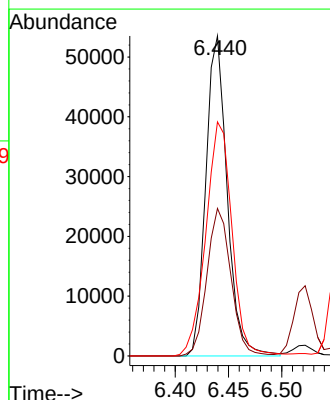
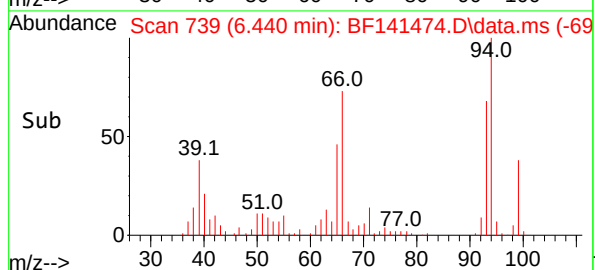
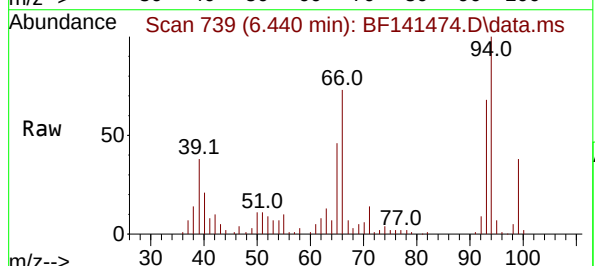
Tgt Ion: 94 Resp: 74689

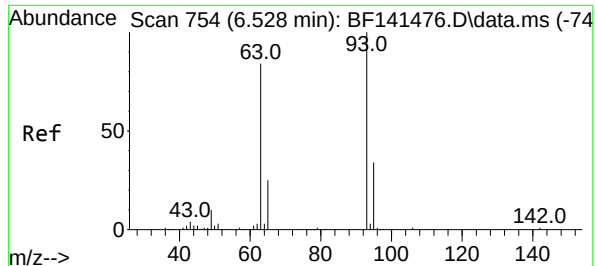
Ion Ratio Lower Upper

94 100

65 46.1 23.7 63.7

66 73.1 49.3 89.3





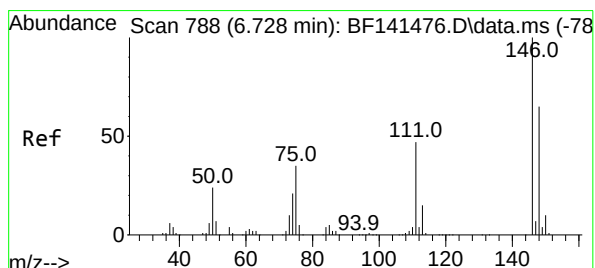
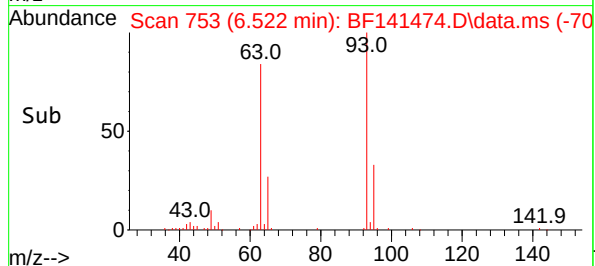
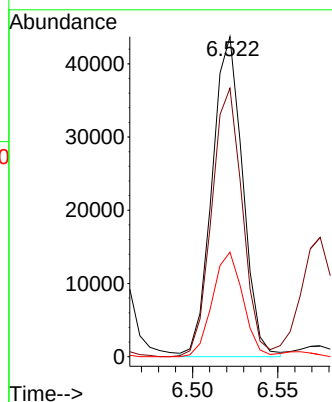
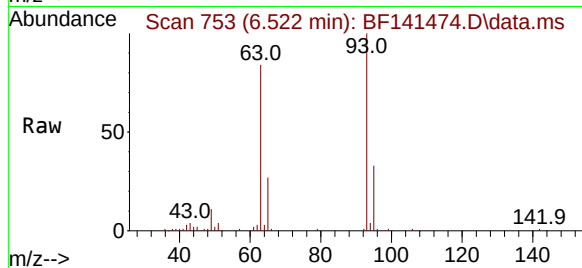
#11
bis(2-Chloroethyl)ether
Concen: 9.752 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 5462
Ion Ratio Lower Upper
93 100
63 83.9 62.0 102.0
95 32.6 12.6 52.6

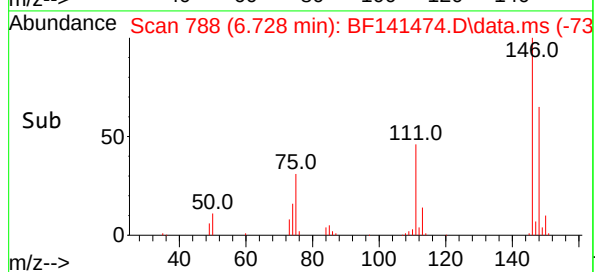
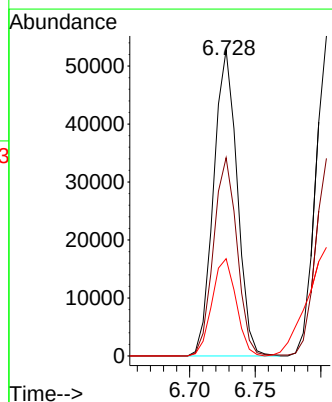
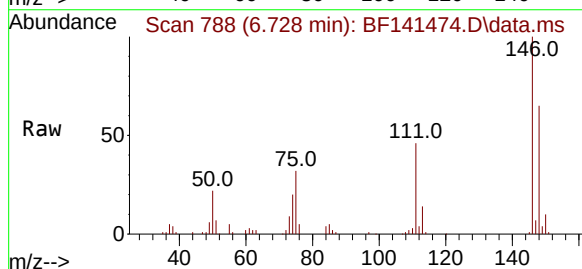
Manual Integrations
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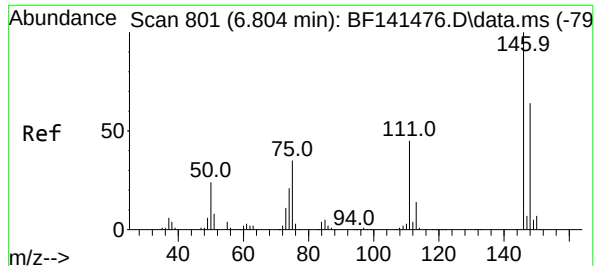
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#12
1,3-Dichlorobenzene
Concen: 10.182 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:146 Resp: 65850
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 31.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 10.341 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:146 Resp: 68330

Ion Ratio Lower Upper

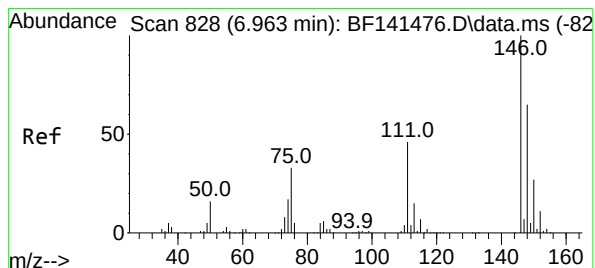
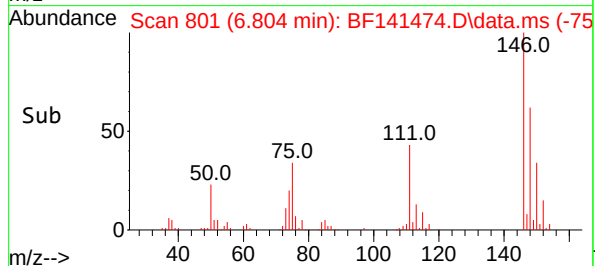
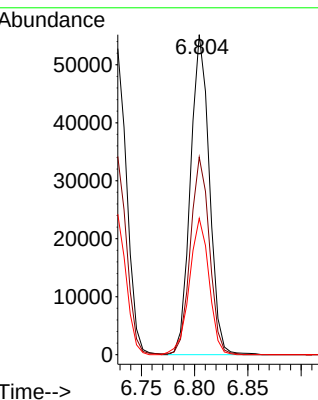
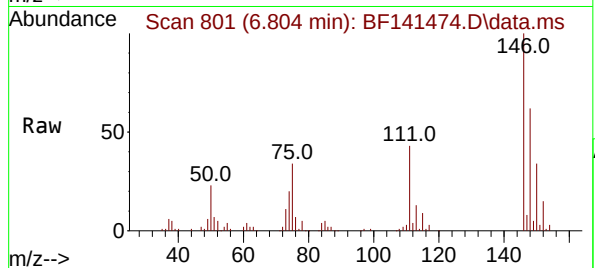
146 100

148 61.7 50.9 76.3

111 42.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#14

1,2-Dichlorobenzene

Concen: 10.428 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

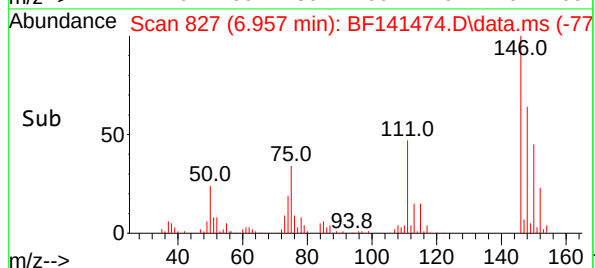
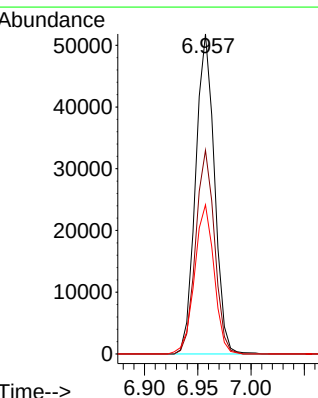
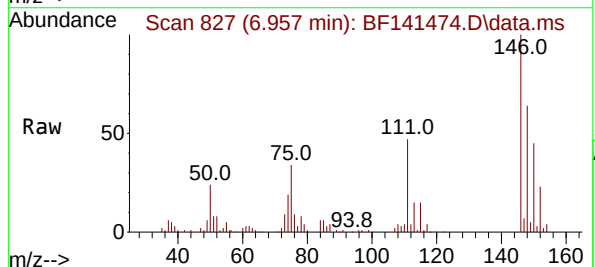
Tgt Ion:146 Resp: 63948

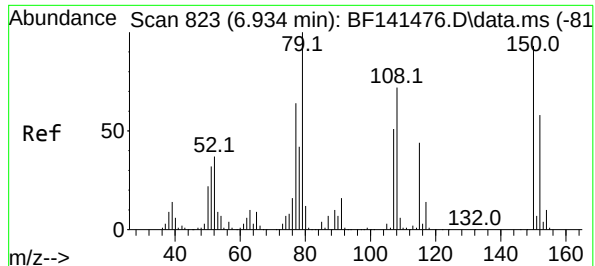
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

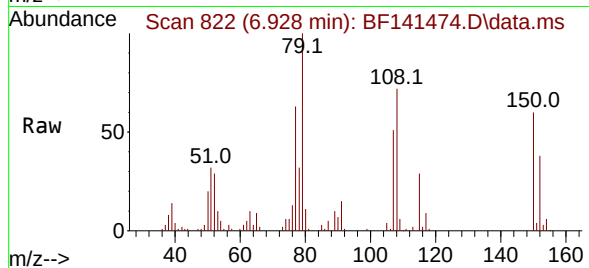
111 46.6 37.0 55.4





#15
Benzyl Alcohol
Concen: 10.115 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

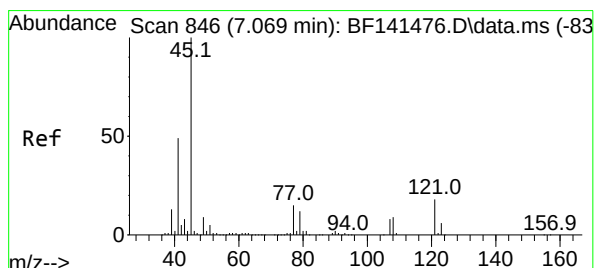
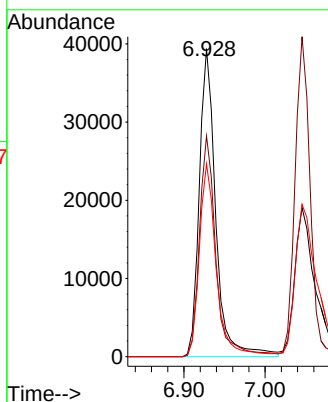
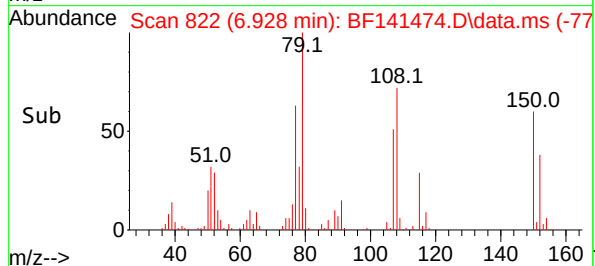
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 55580
Ion Ratio Lower Upper
79 100
108 71.7 57.4 86.2
77 62.6 50.9 76.3

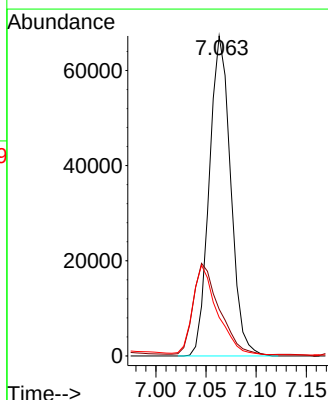
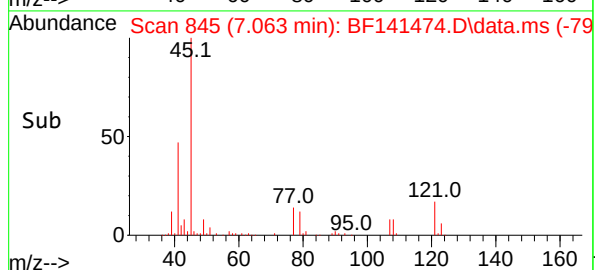
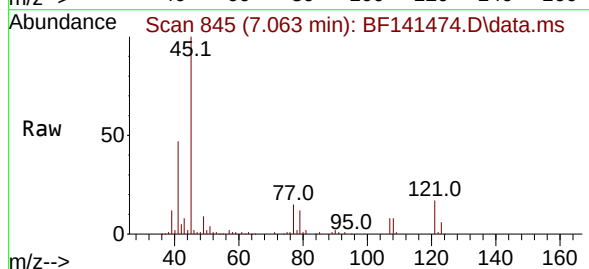
Manual Integrations
APPROVED

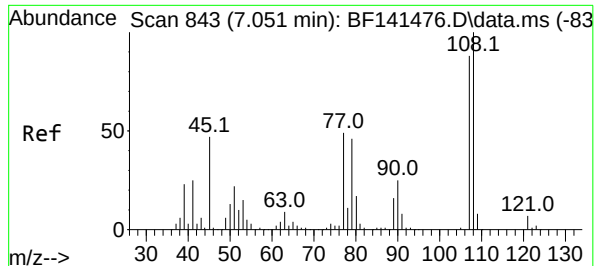
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.406 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

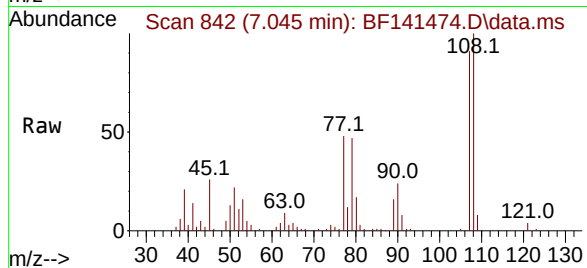
Tgt Ion: 45 Resp: 99782
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.8
79 12.1 0.0 32.7





#17
2-Methylphenol
Concen: 10.092 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

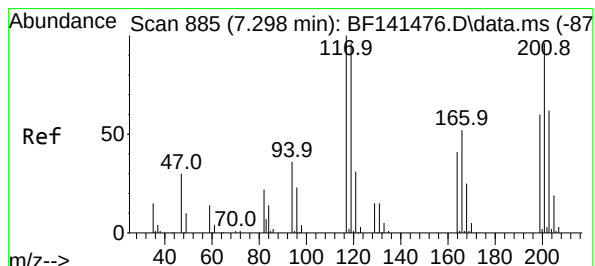
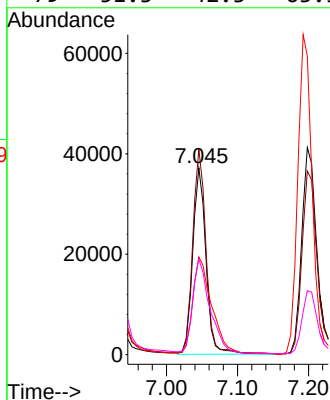
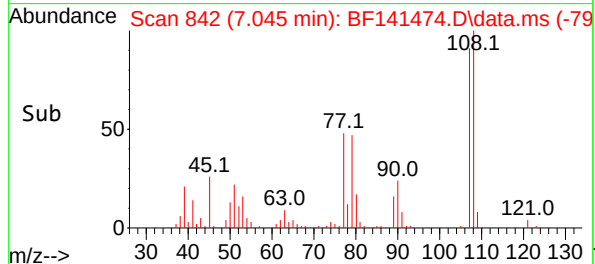
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:107 Resp: 4837
Ion Ratio Lower Upper
107 100
108 110.1 90.6 136.0
77 52.4 44.4 66.6
79 51.3 42.3 63.5

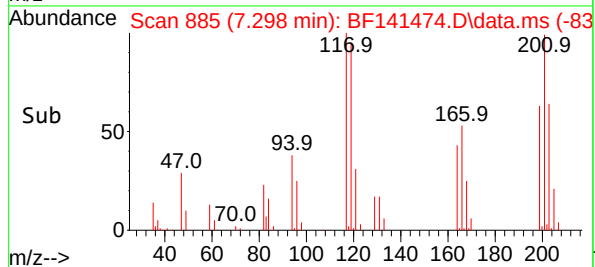
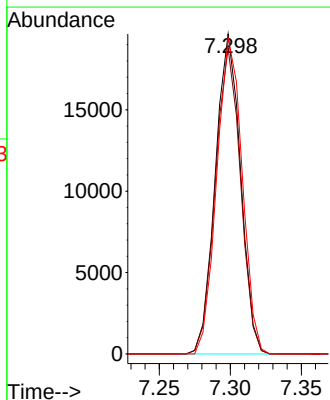
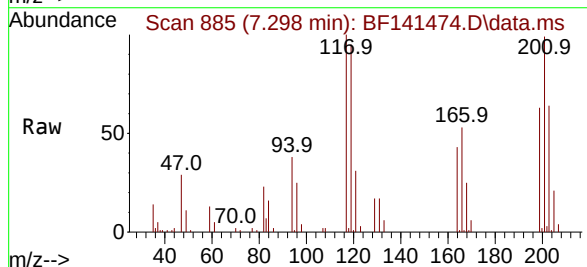
Manual Integrations
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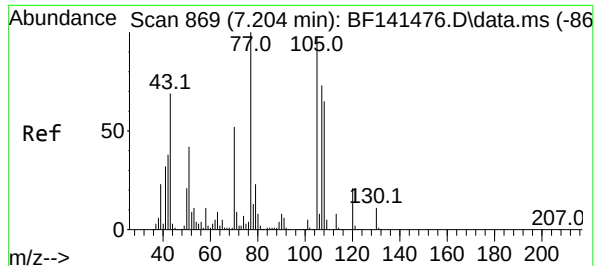
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#18
Hexachloroethane
Concen: 9.910 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:117 Resp: 24233
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7
201 98.8 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 10.210 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF141474.D

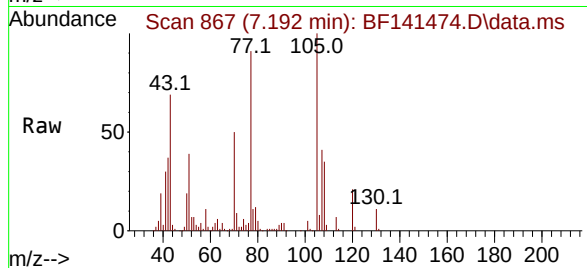
Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 4376

Ion Ratio Lower Upper

70 100

42 75.4 57.4 86.2

101 9.5 8.0 12.0

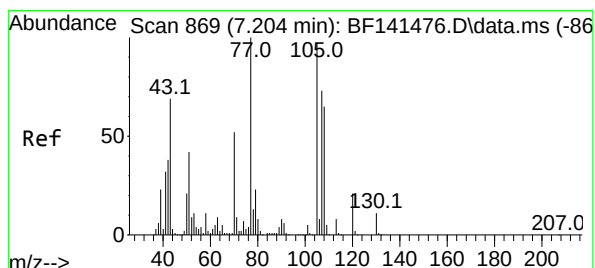
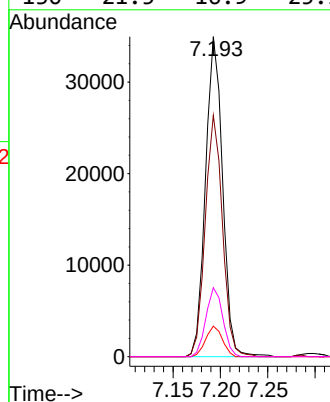
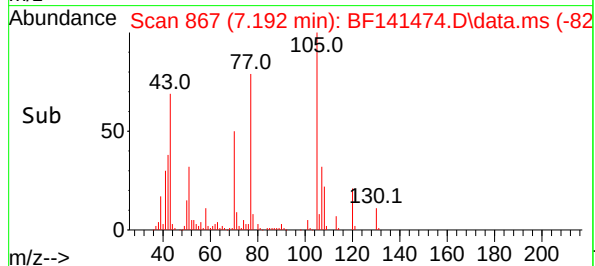
130 21.5 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#20

3+4-Methylphenols

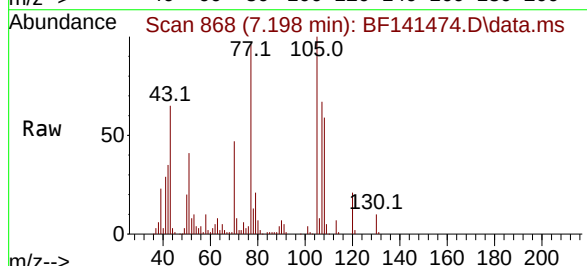
Concen: 10.332 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00



Tgt Ion:107 Resp: 62949

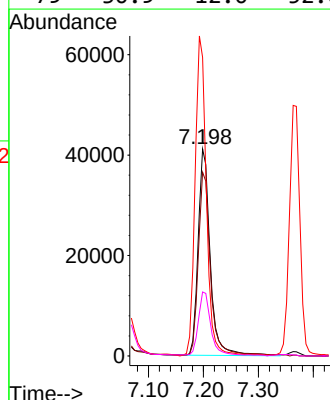
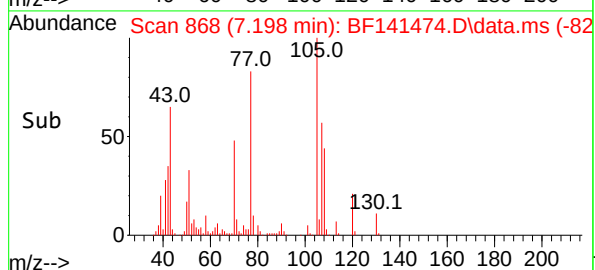
Ion Ratio Lower Upper

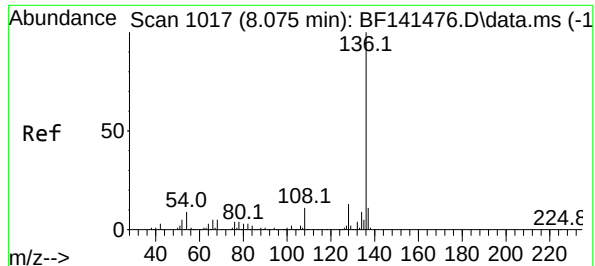
107 100

108 88.7 68.5 108.5

77 144.2 116.5 156.5

79 30.9 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 36119

Ion Ratio Lower Upper

136 100

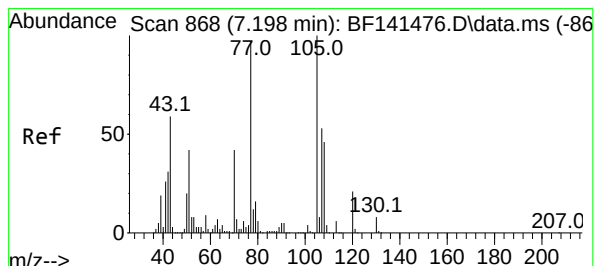
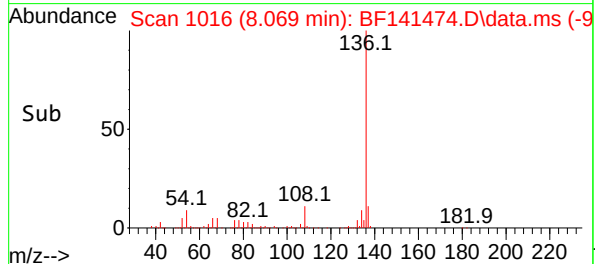
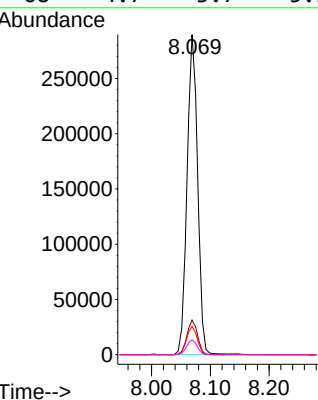
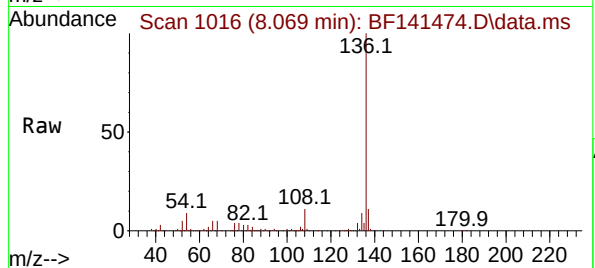
137 10.8 8.6 13.0

54 8.8 7.2 10.8

68 4.7 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#22

Acetophenone

Concen: 10.085 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Tgt Ion:105 Resp: 90614

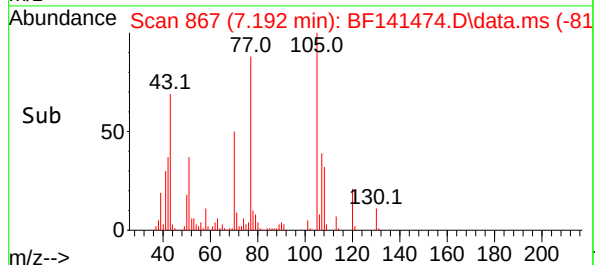
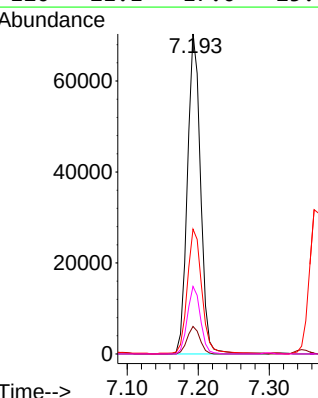
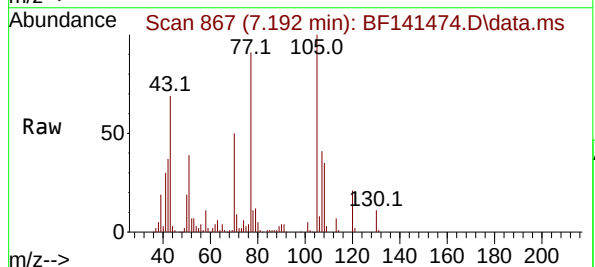
Ion Ratio Lower Upper

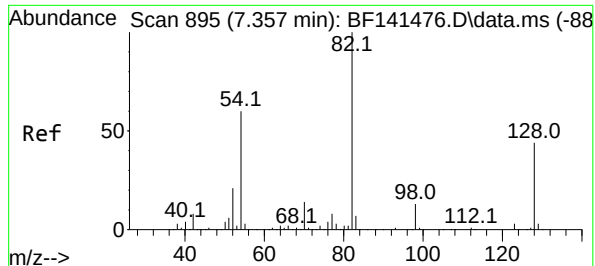
105 100

71 8.6 5.7 8.5#

51 39.0 33.7 50.5

120 21.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 19.783 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 136990

Ion Ratio Lower Upper

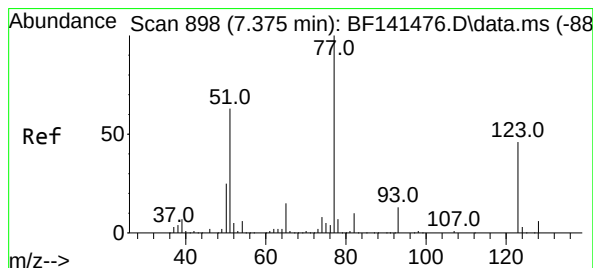
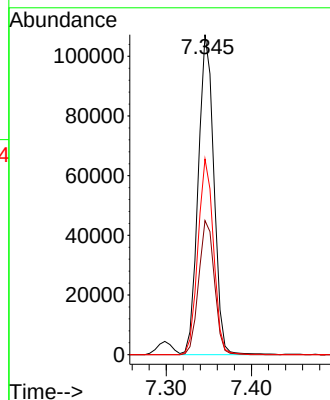
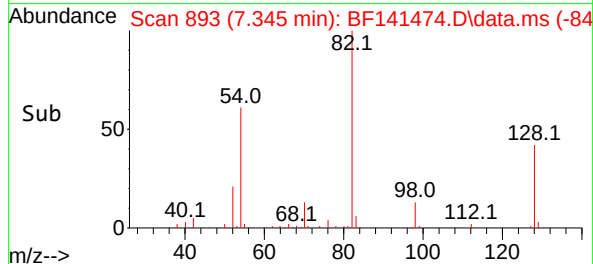
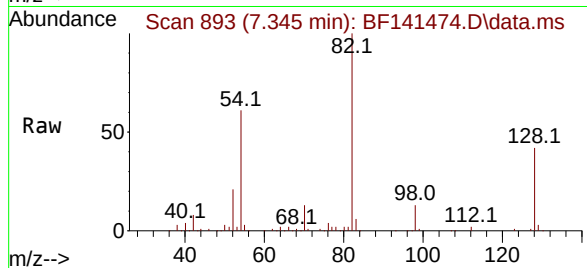
82 100

128 41.9 34.8 52.2

54 61.2 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#24

Nitrobenzene

Concen: 9.927 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

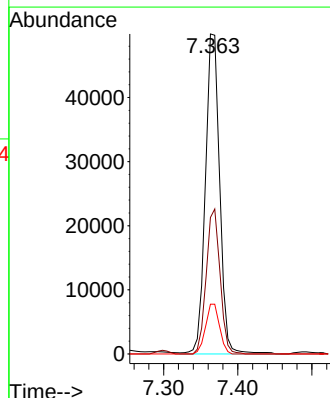
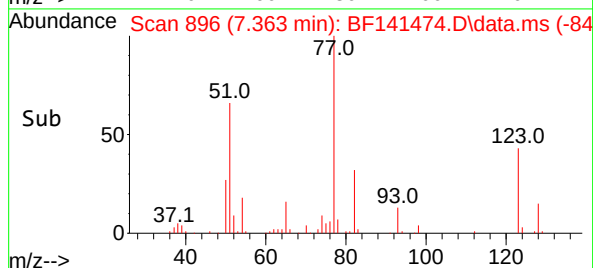
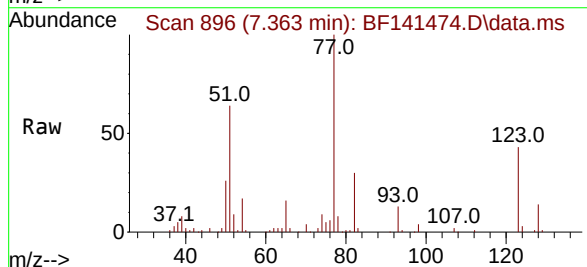
Tgt Ion: 77 Resp: 67032

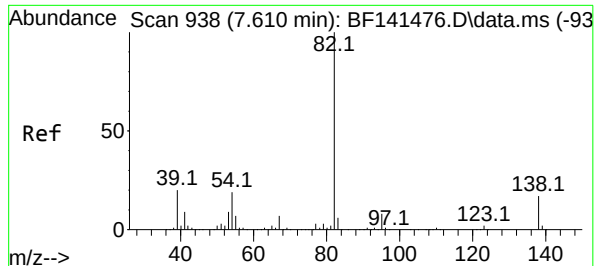
Ion Ratio Lower Upper

77 100

123 42.7 36.9 55.3

65 15.5 11.9 17.9





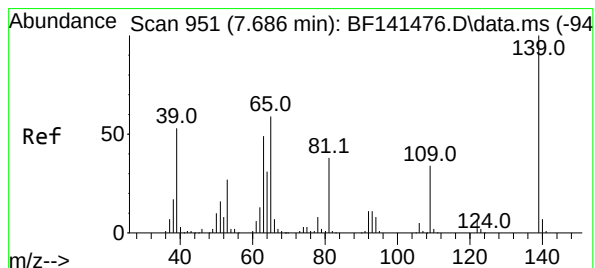
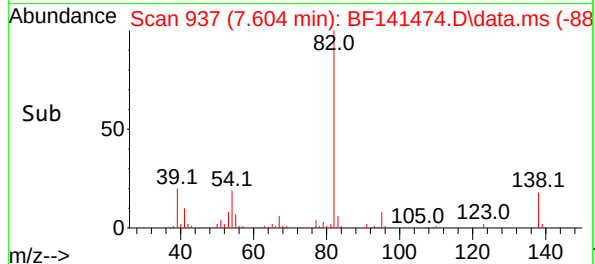
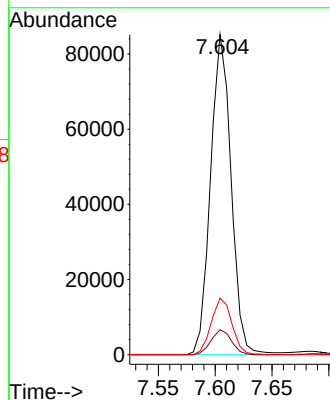
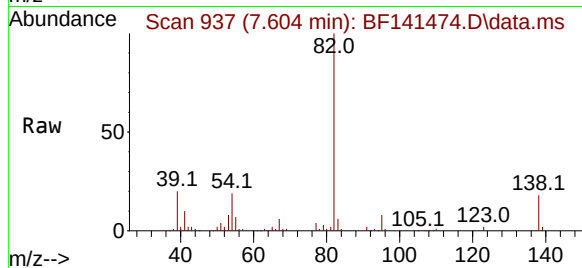
#25
Isophorone
Concen: 9.712 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion: 82 Resp: 10724
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.7 13.9 20.9

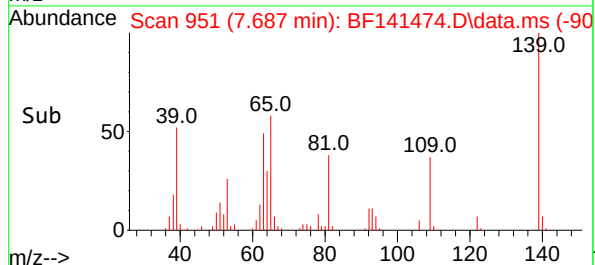
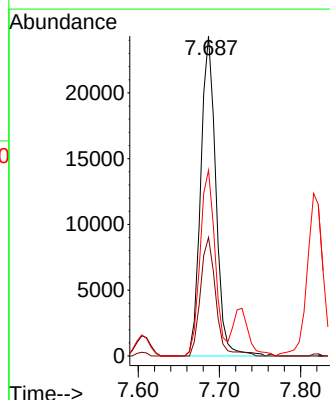
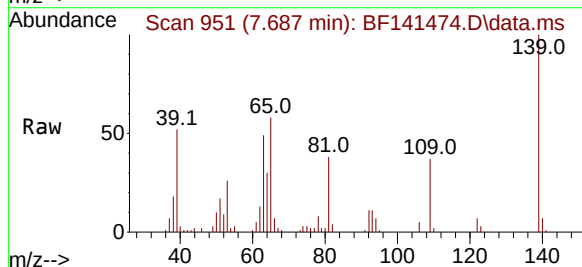
Manual Integrations
APPROVED

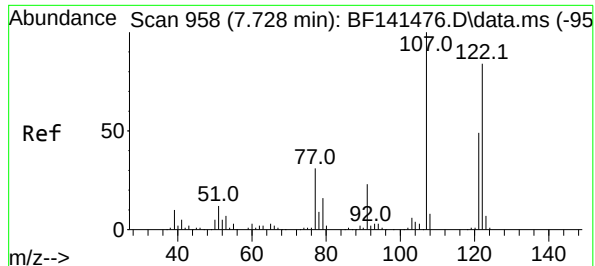
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#26
2-Nitrophenol
Concen: 9.403 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:139 Resp: 31590
Ion Ratio Lower Upper
139 100
109 37.1 27.0 40.6
65 58.1 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 9.759 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

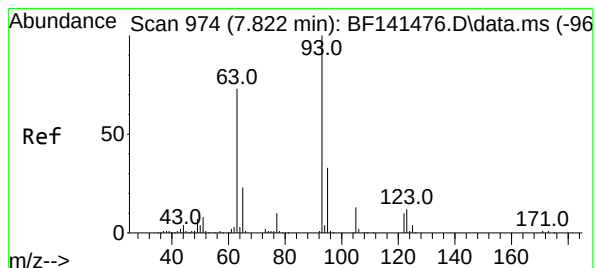
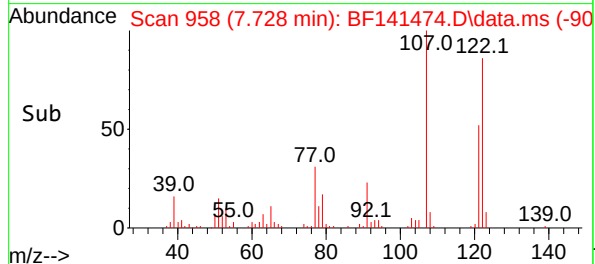
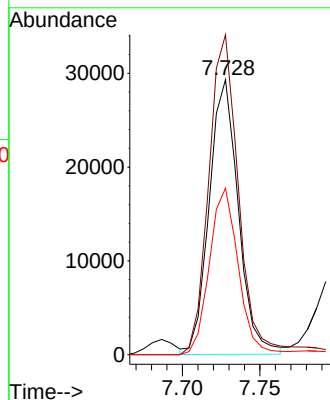
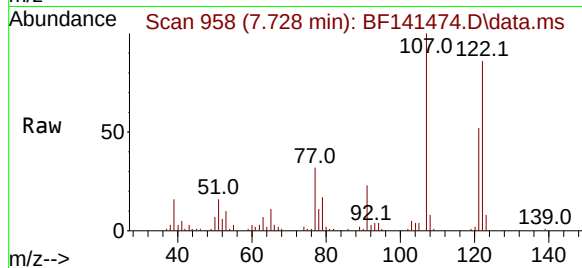
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.3	94.3	141.5
121	60.5	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.958 ng

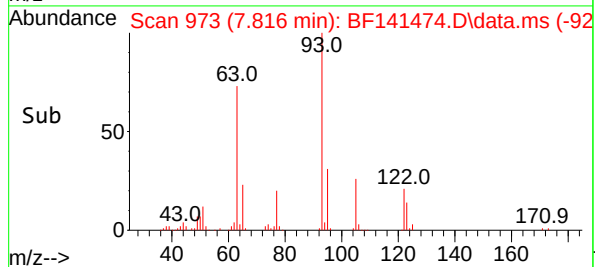
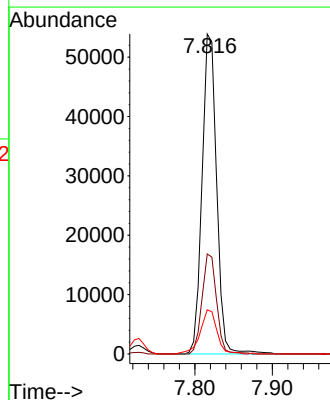
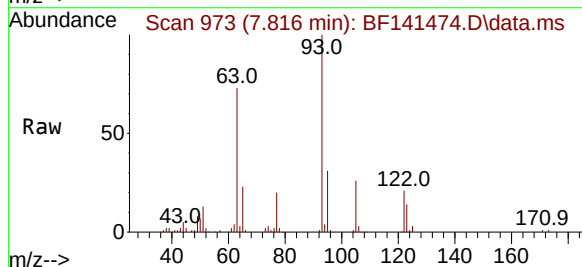
RT: 7.816 min Scan# 973

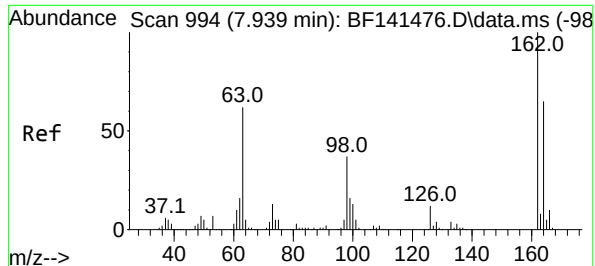
Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.1	39.1
123	13.8	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 9.784 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 5188

Ion Ratio Lower Upper

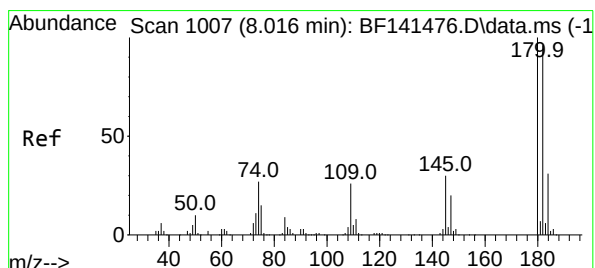
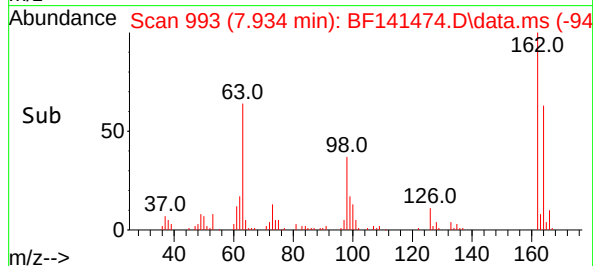
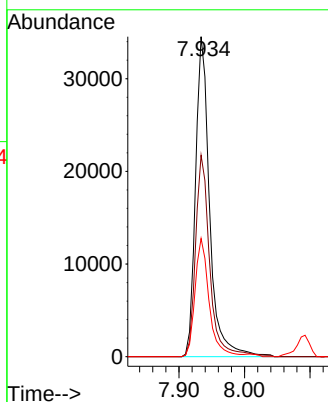
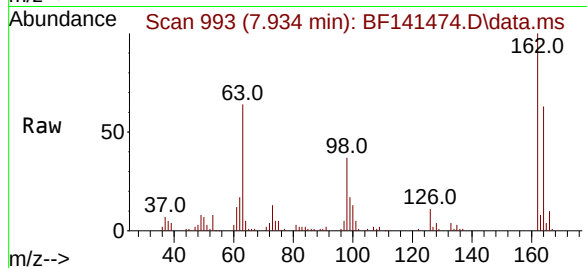
162 100

164 63.0 44.6 84.6

98 36.9 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#30

1,2,4-Trichlorobenzene

Concen: 10.033 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

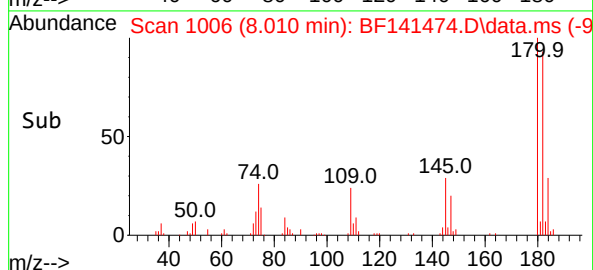
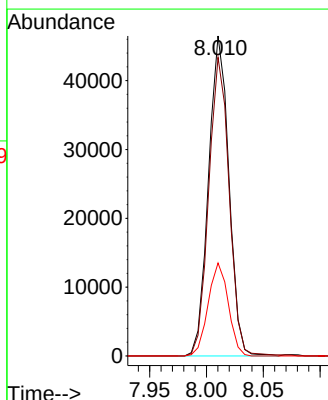
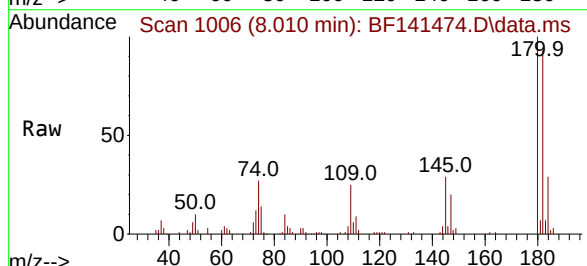
Tgt Ion:180 Resp: 57937

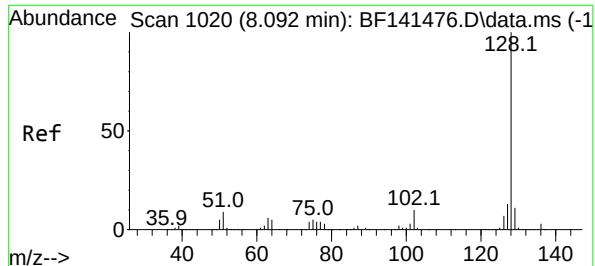
Ion Ratio Lower Upper

180 100

182 93.3 76.8 115.2

145 29.1 24.2 36.4





#31

Naphthalene

Concen: 10.002 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:128 Resp: 188040

Ion Ratio Lower Upper

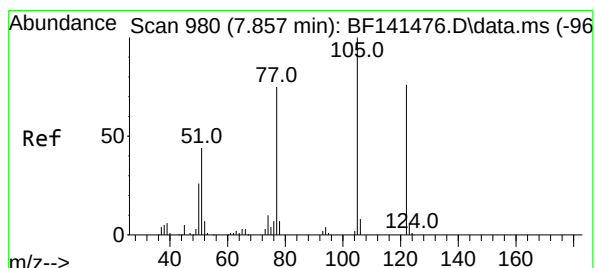
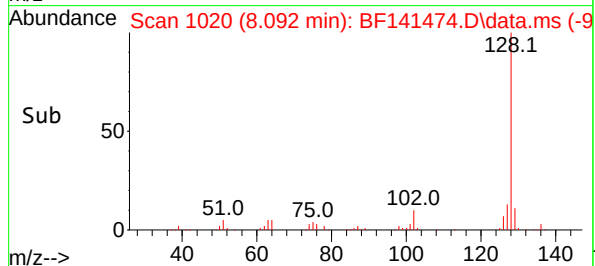
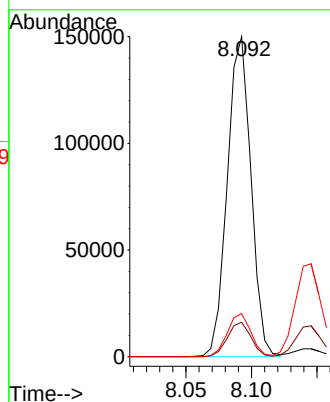
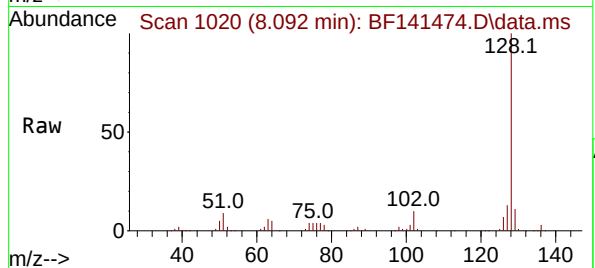
128 100

129 10.7 8.9 13.3

127 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#32

Benzoic acid

Concen: 8.253 ng

RT: 7.810 min Scan# 972

Delta R.T. -0.082 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

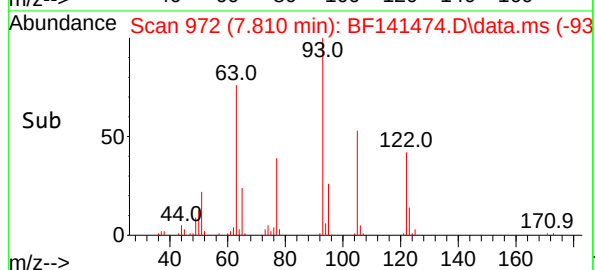
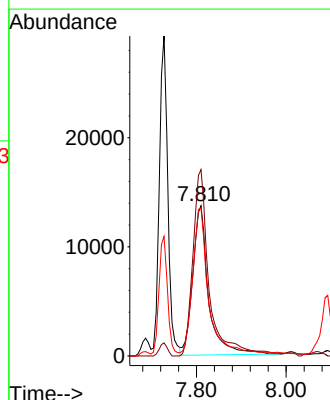
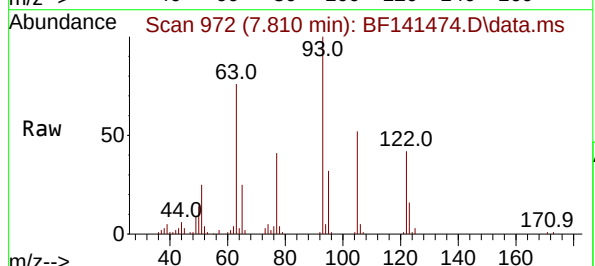
Tgt Ion:122 Resp: 33645

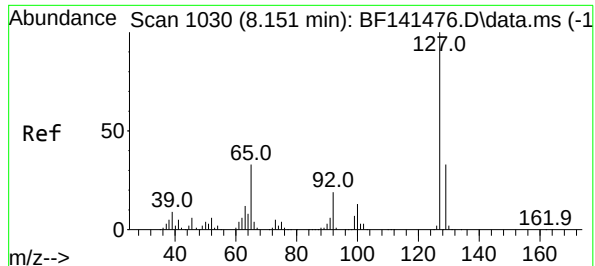
Ion Ratio Lower Upper

122 100

105 124.1 106.5 146.5

77 98.6 76.3 116.3





#33

4-Chloroaniline

Concen: 9.678 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

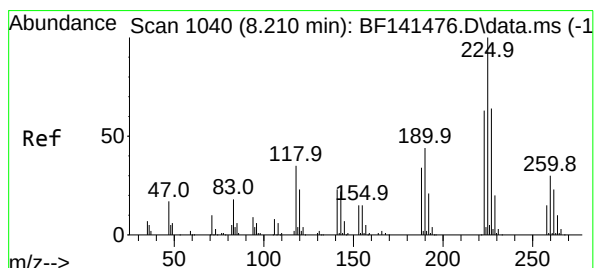
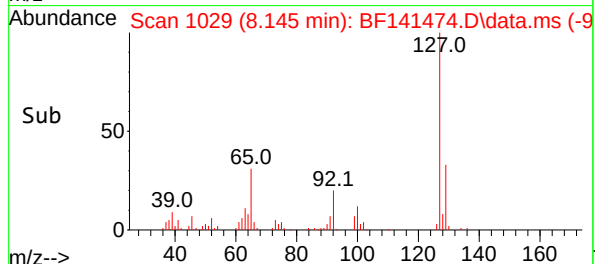
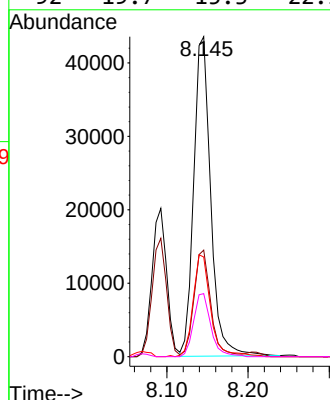
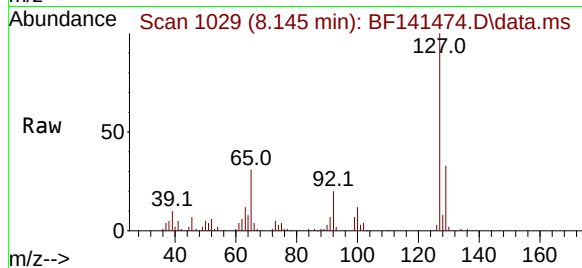
SSTDICC010

Tgt Ion:	127	Resp:	63529
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.5	39.7
65	31.2	26.4	39.6
92	19.7	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#34

Hexachlorobutadiene

Concen: 9.932 ng

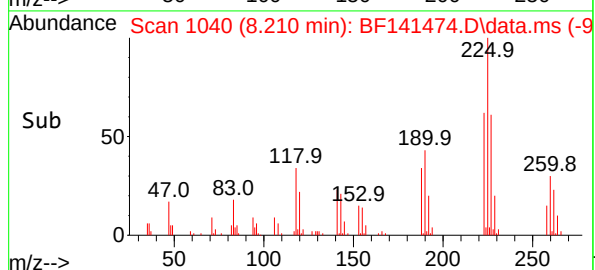
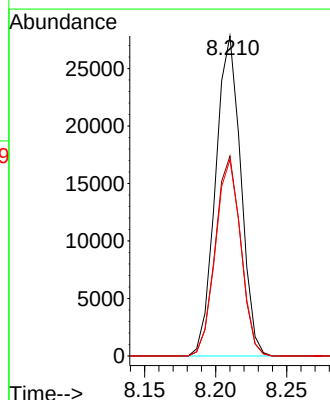
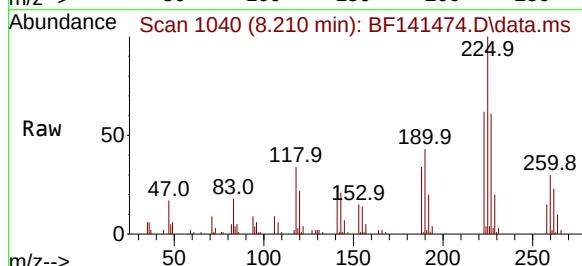
RT: 8.210 min Scan# 1040

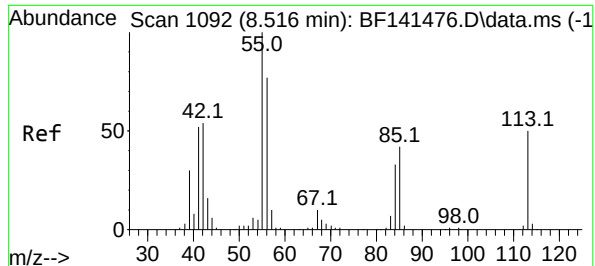
Delta R.T. 0.000 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

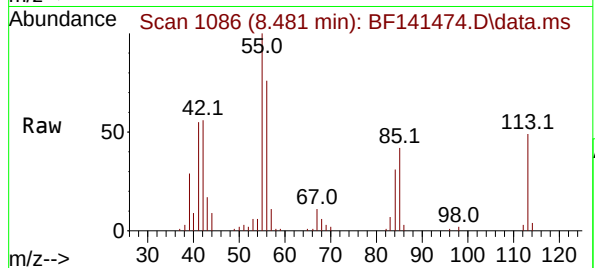
Tgt Ion:	225	Resp:	34431
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.1	75.1
227	61.3	51.0	76.6





#35
Caprolactam
Concen: 9.495 ng
RT: 8.481 min Scan# 1086
Delta R.T. -0.065 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

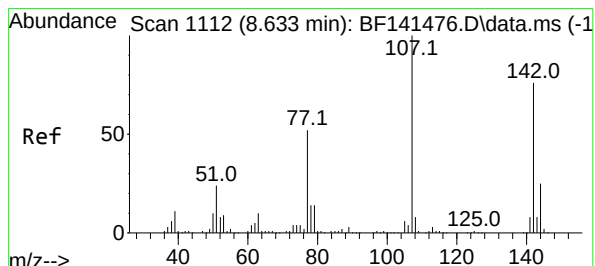
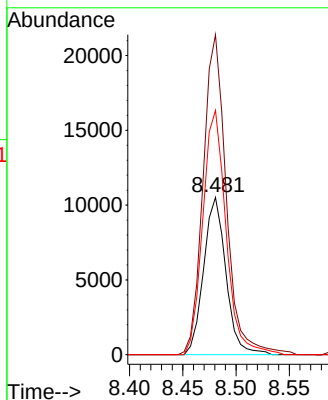
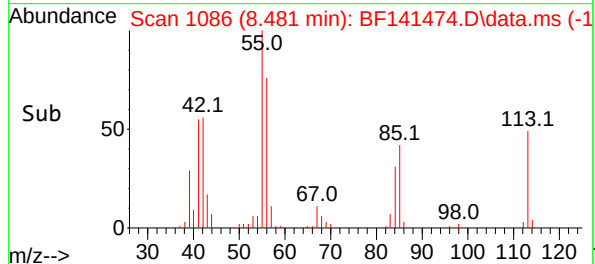
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 1533
Ion Ratio Lower Upper
113 100
55 203.4 180.8 220.8
56 155.4 133.6 173.6

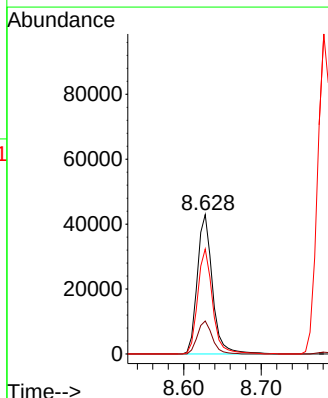
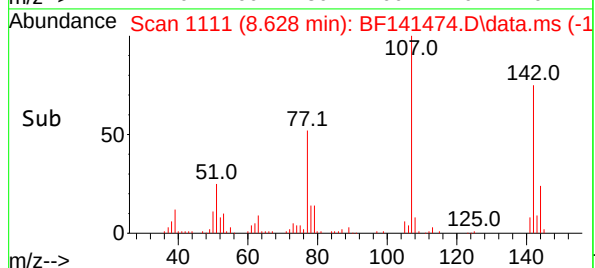
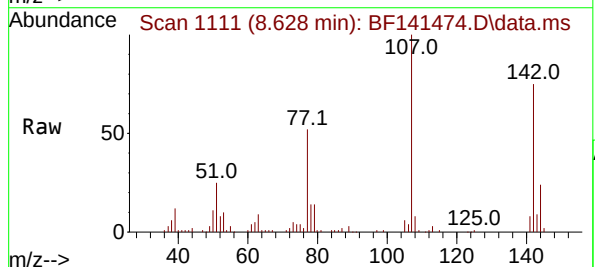
Manual Integrations
APPROVED

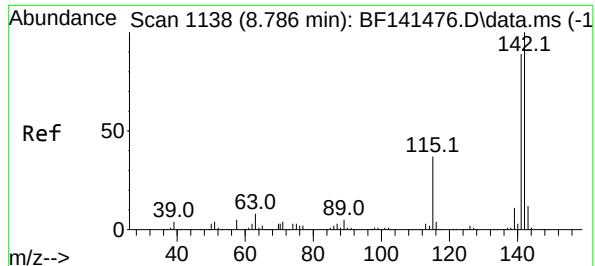
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#36
4-Chloro-3-methylphenol
Concen: 9.949 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:107 Resp: 58441
Ion Ratio Lower Upper
107 100
144 23.7 19.7 29.5
142 75.3 60.8 91.2





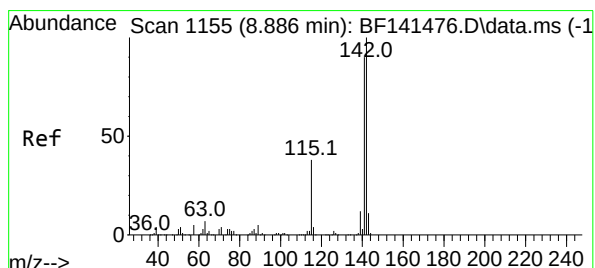
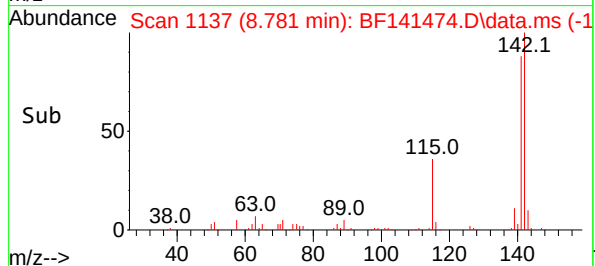
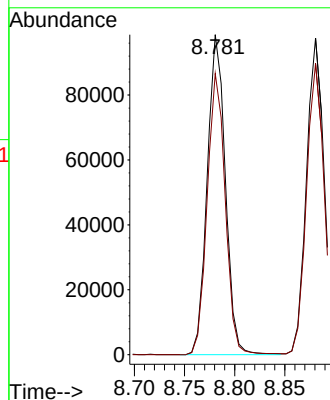
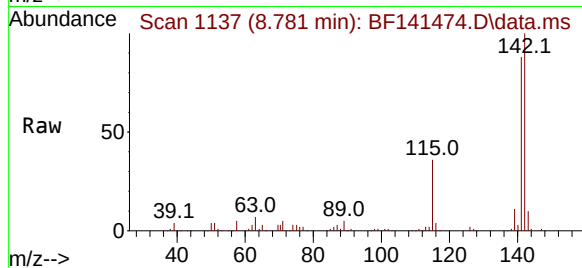
#37
2-Methylnaphthalene
Concen: 10.177 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 12451
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8

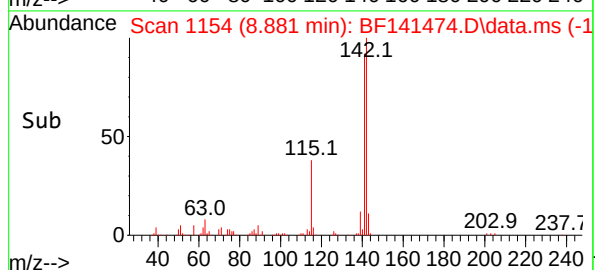
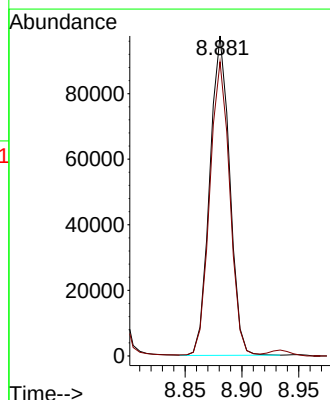
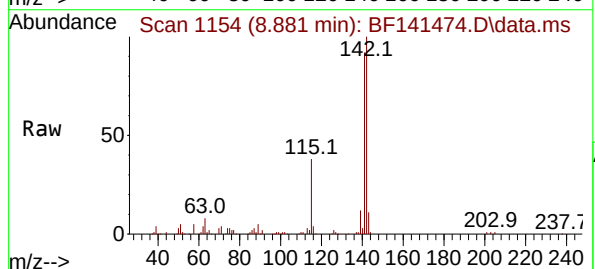
Manual Integrations
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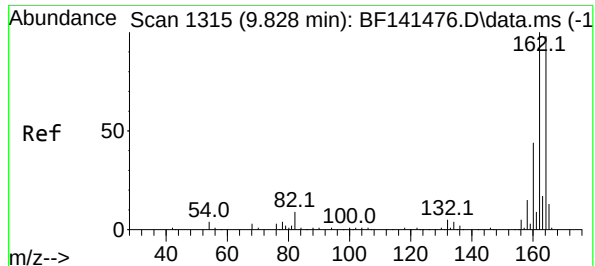
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#38
1-Methylnaphthalene
Concen: 10.019 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:142 Resp: 118722
Ion Ratio Lower Upper
142 100
141 92.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF141474.D

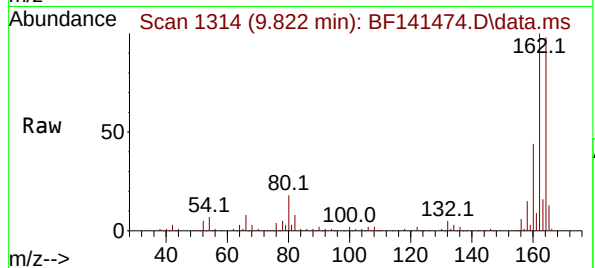
Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 200040

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

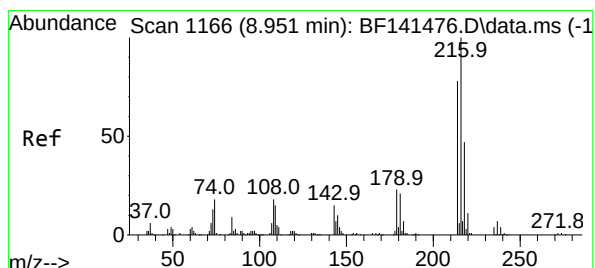
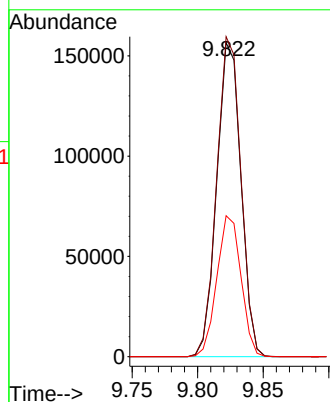
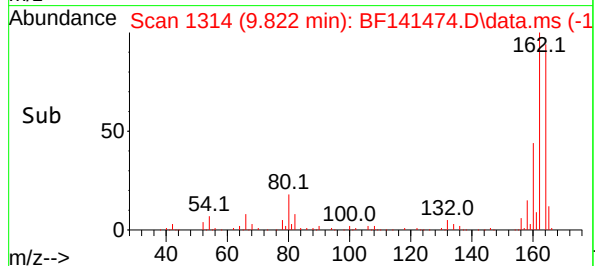
160 44.9 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#40

1,2,4,5-Tetrachlorobenzene

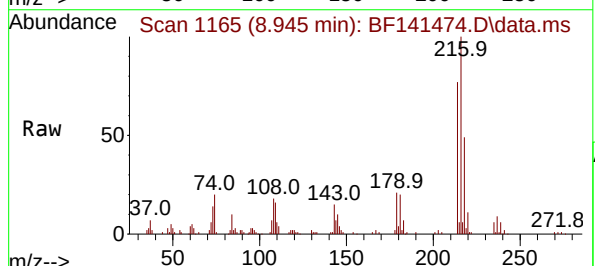
Concen: 10.160 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00



Tgt Ion:216 Resp: 58800

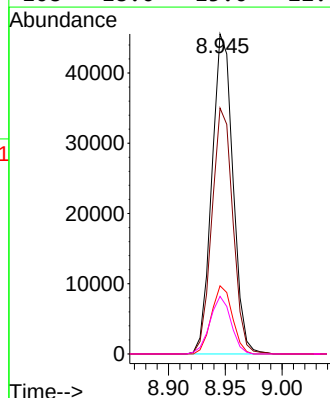
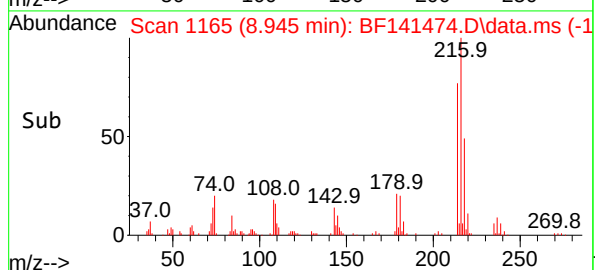
Ion Ratio Lower Upper

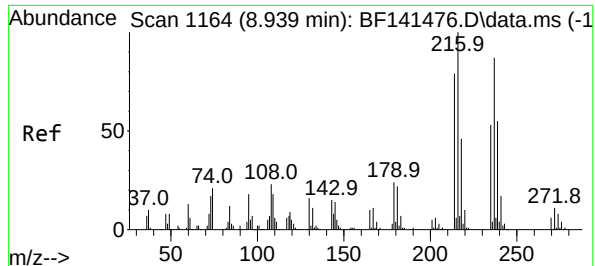
216 100

214 76.5 62.3 93.5

179 21.1 18.0 27.0

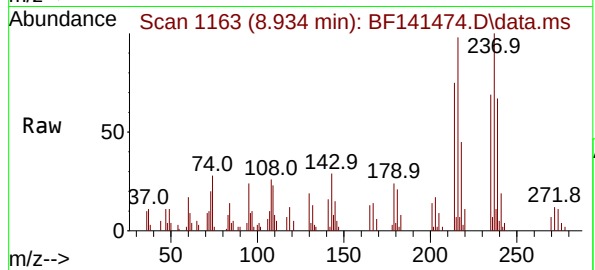
108 18.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 7.161 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

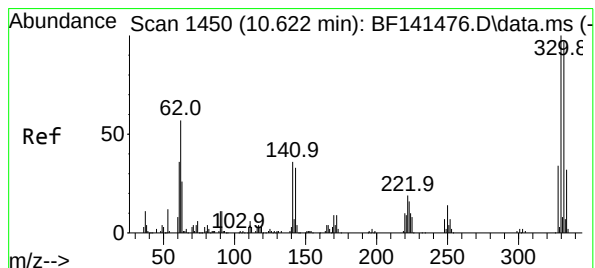
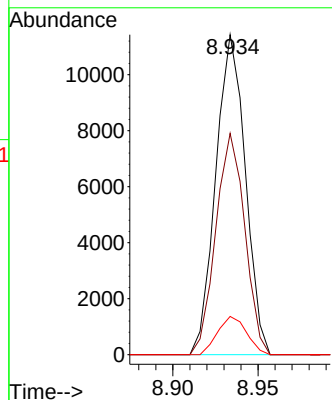
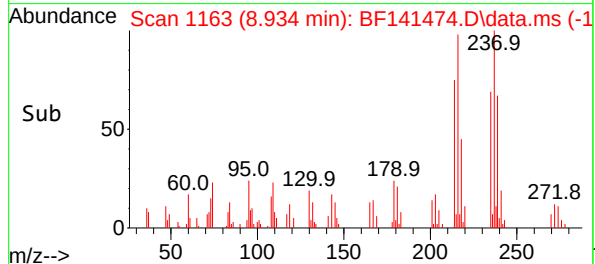
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



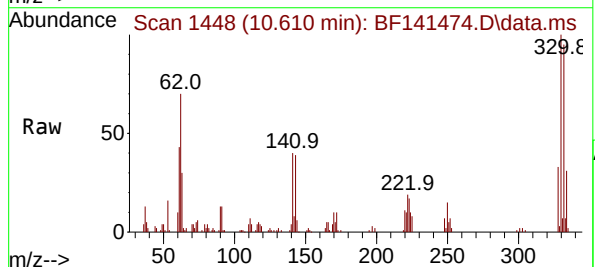
Tgt Ion:237 Resp: 13785
Ion Ratio Lower Upper
237 100
235 69.2 41.4 81.4
272 11.9 0.0 32.4

Manual Integrations
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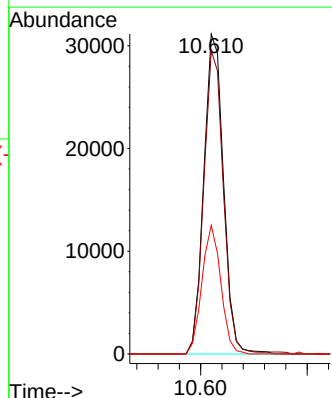
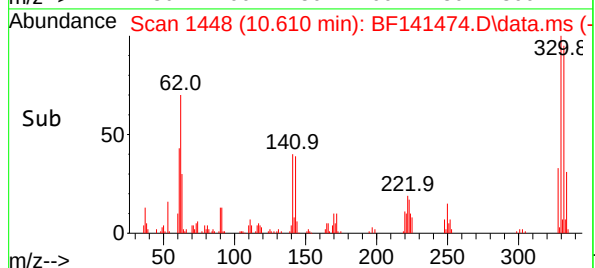
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

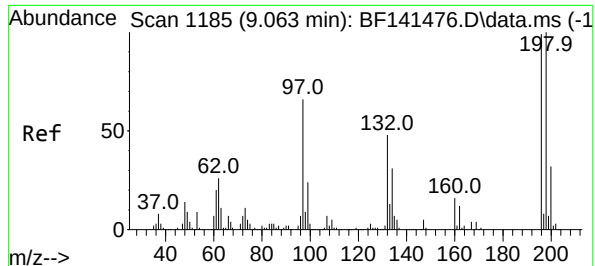


#42
2,4,6-Tribromophenol
Concen: 19.941 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00



Tgt Ion:330 Resp: 40073
Ion Ratio Lower Upper
330 100
332 94.1 78.5 117.7
141 38.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 9.773 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141474.D

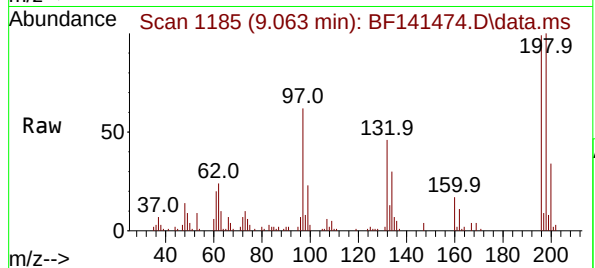
Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 3655

Ion Ratio Lower Upper

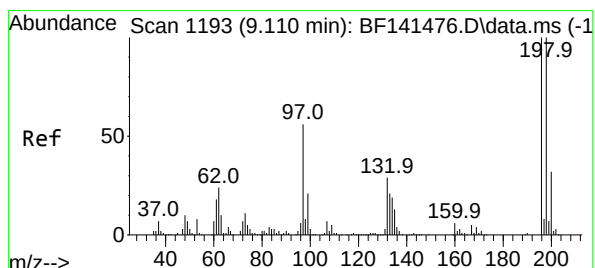
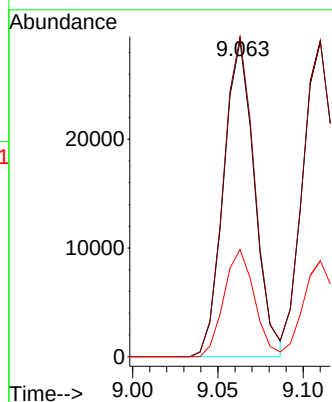
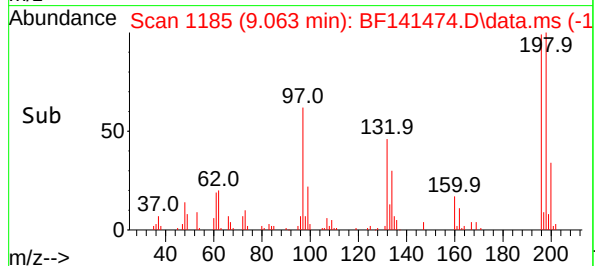
196 100

198 101.5 80.6 121.0

200 34.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#44

2,4,5-Trichlorophenol

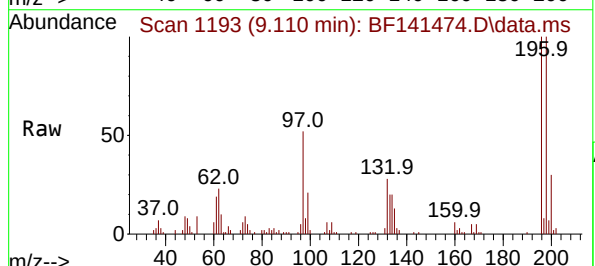
Concen: 10.039 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00



Tgt Ion:196 Resp: 40697

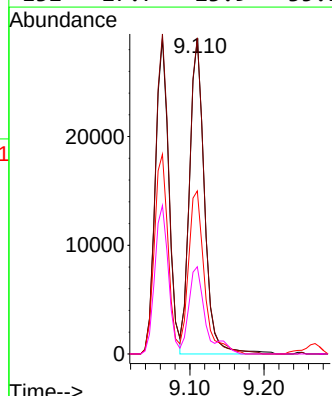
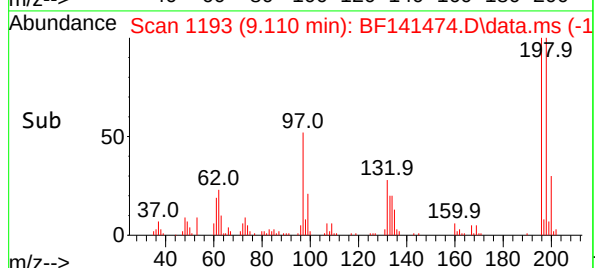
Ion Ratio Lower Upper

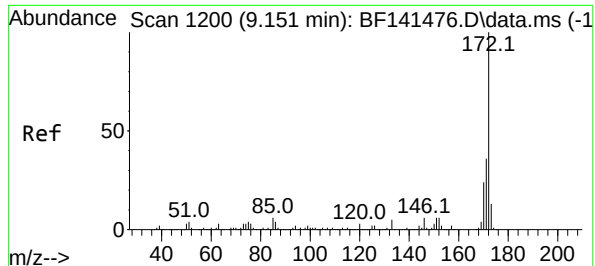
196 100

198 100.3 79.8 119.8

97 51.7 44.8 67.2

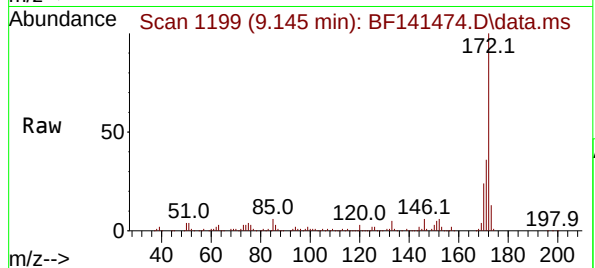
132 27.7 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 20.947 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

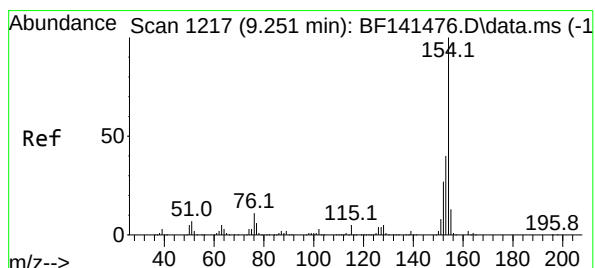
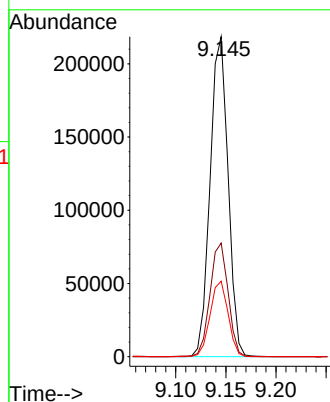
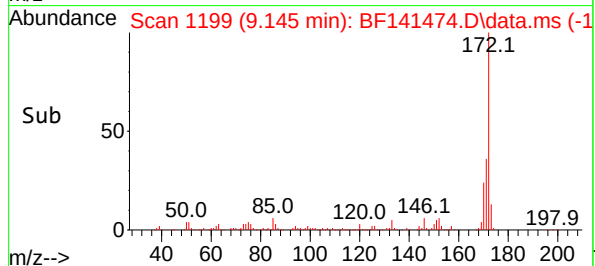
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



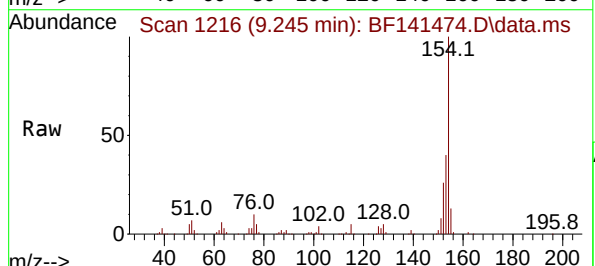
Tgt Ion:172 Resp: 271988
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 18.9 28.3

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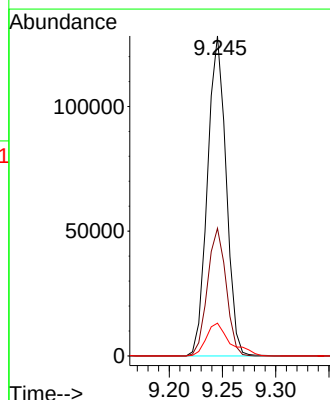
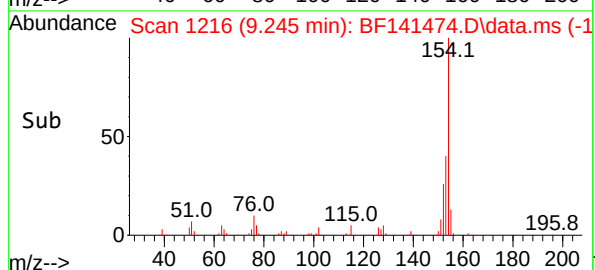
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

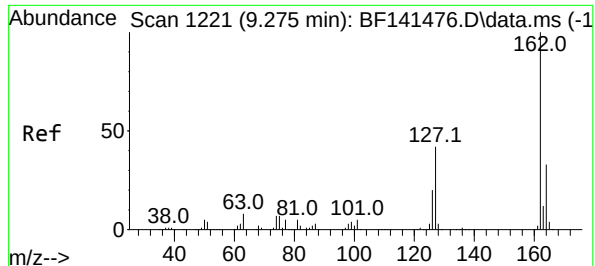


#46
1,1'-Biphenyl
Concen: 10.086 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00



Tgt Ion:154 Resp: 156431
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 10.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 10.125 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 116119

Ion Ratio Lower Upper

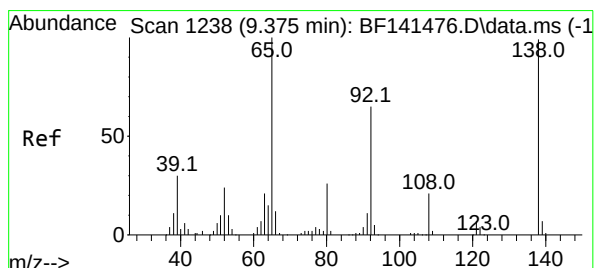
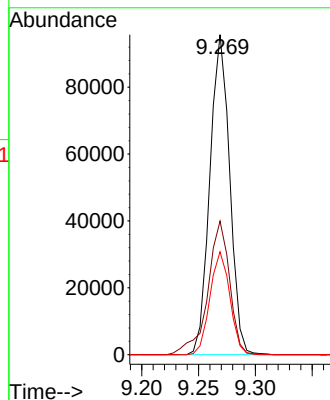
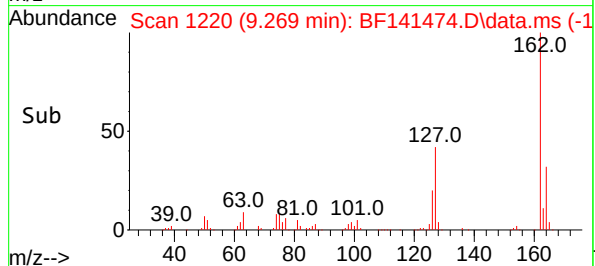
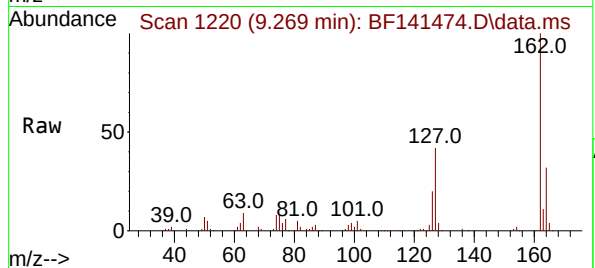
162 100

127 41.8 34.1 51.1

164 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#48

2-Nitroaniline

Concen: 9.653 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

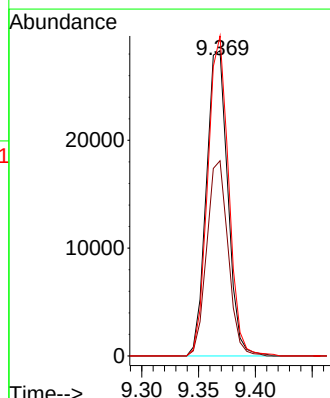
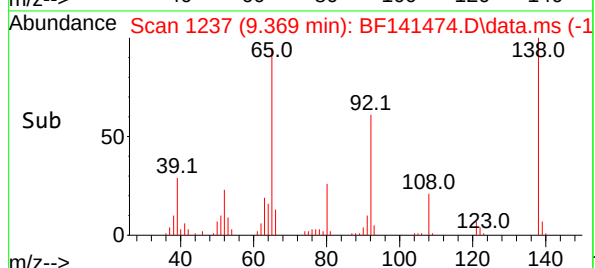
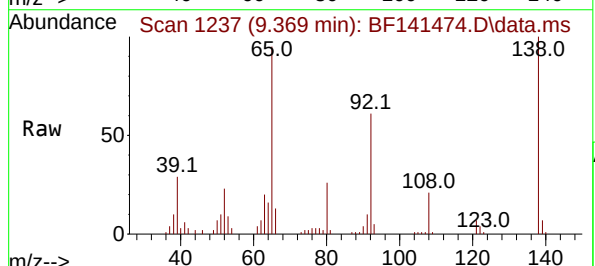
Tgt Ion: 65 Resp: 37155

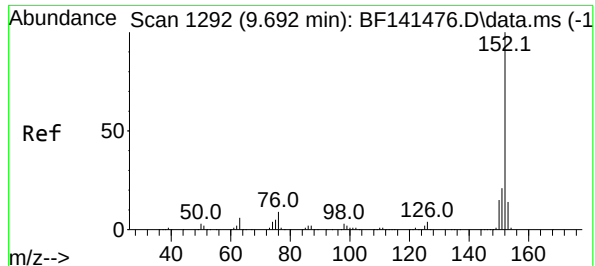
Ion Ratio Lower Upper

65 100

92 63.9 52.2 78.2

138 104.8 79.5 119.3





#49

Acenaphthylene

Concen: 10.179 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

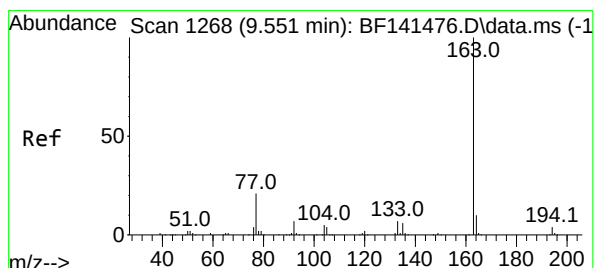
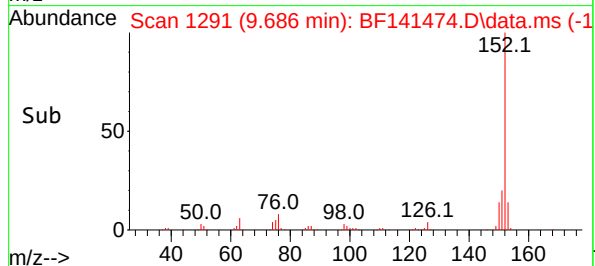
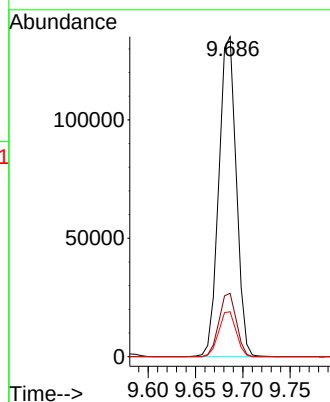
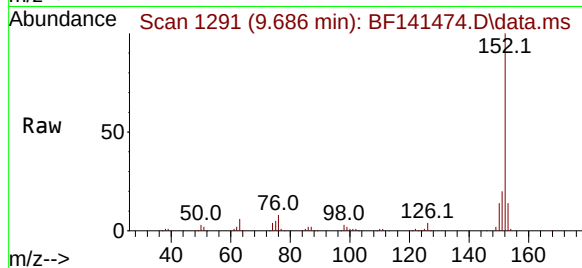
SSTDICC010

Tgt Ion:	152	Resp:	17364
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.4	24.6
153	14.1	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#50

Dimethylphthalate

Concen: 10.006 ng

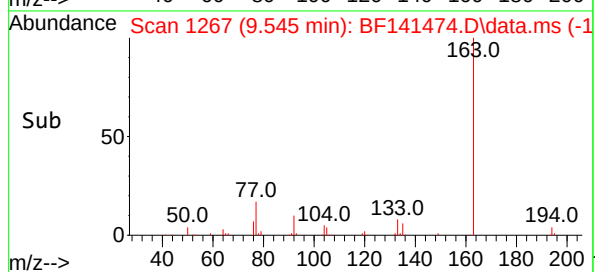
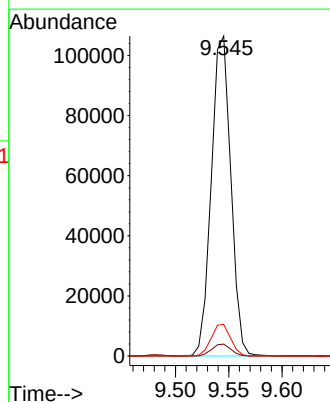
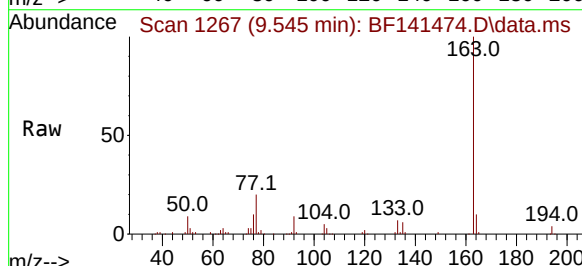
RT: 9.545 min Scan# 1267

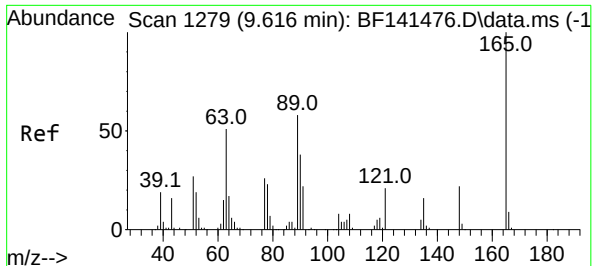
Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Tgt Ion:	163	Resp:	135886
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.4
164	9.8	7.9	11.9





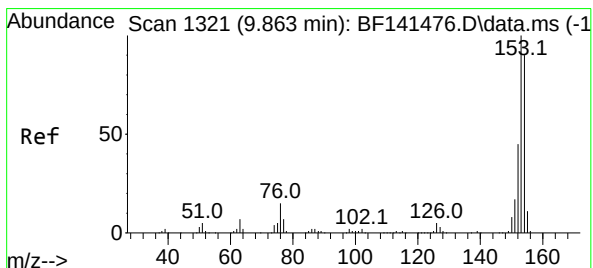
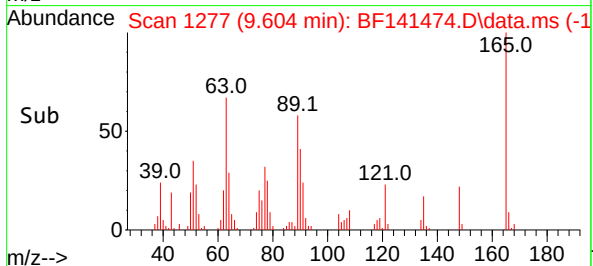
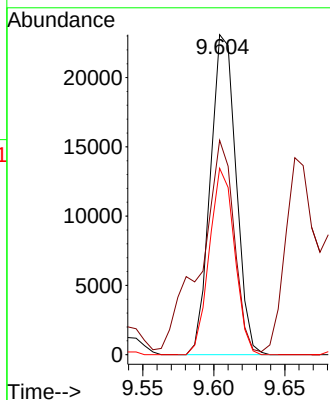
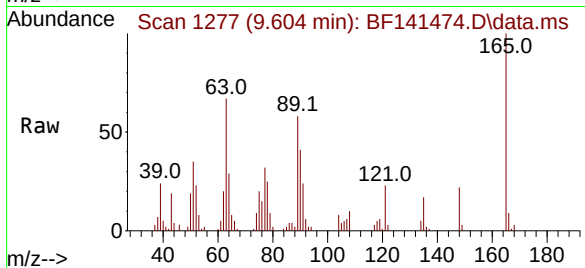
#51
2,6-Dinitrotoluene
Concen: 9.770 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 29000
Ion Ratio Lower Upper
165 100
63 67.0 49.4 74.0
89 58.2 46.5 69.7

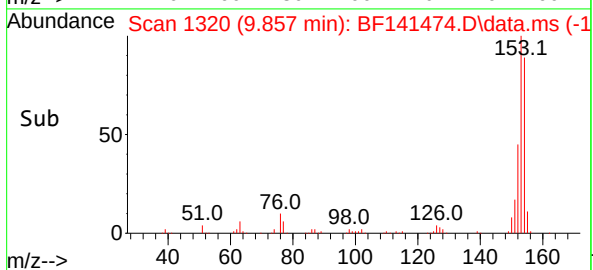
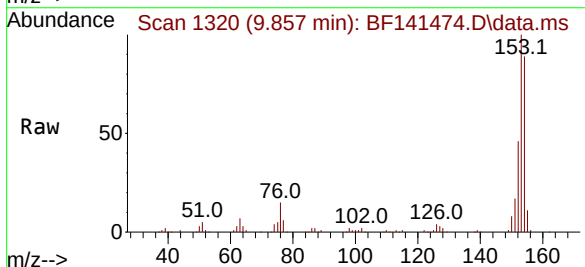
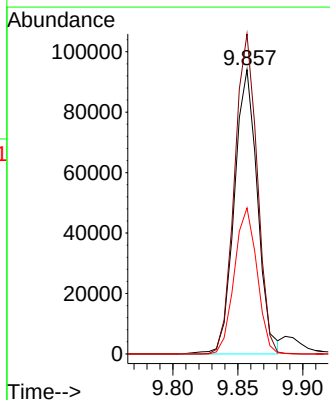
Manual Integrations
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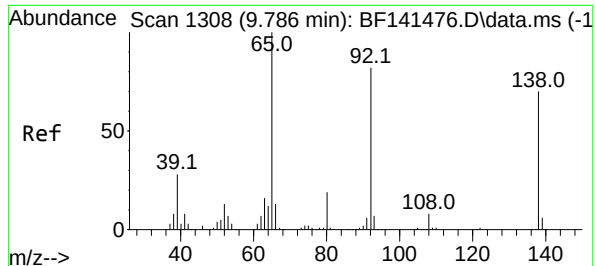
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#52
Acenaphthene
Concen: 10.155 ng m
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

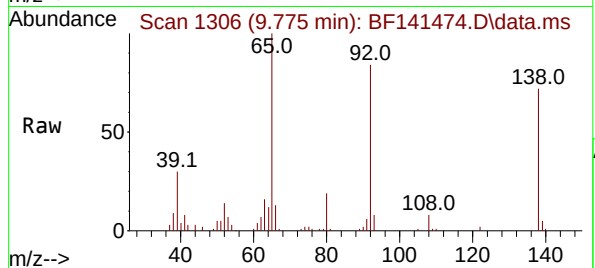
Tgt Ion:154 Resp: 116461
Ion Ratio Lower Upper
154 100
153 112.5 89.2 133.8
152 51.4 39.8 59.8





#53
3-Nitroaniline
Concen: 9.805 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

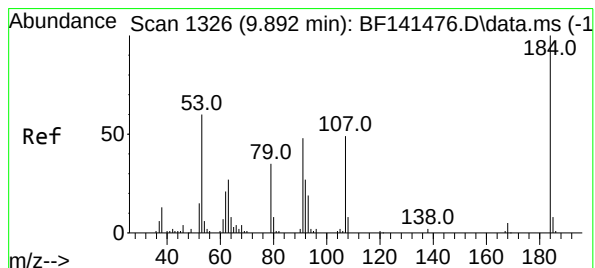
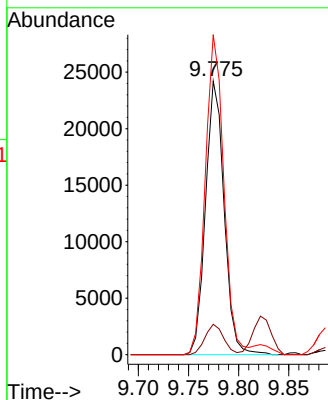
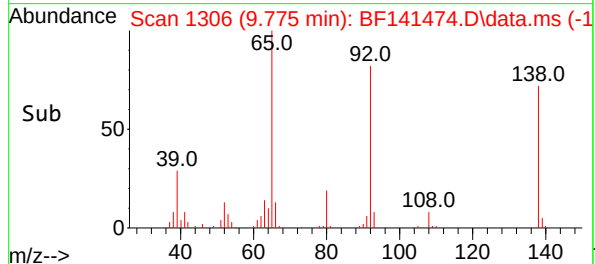
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 31330
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 116.9 93.7 140.5

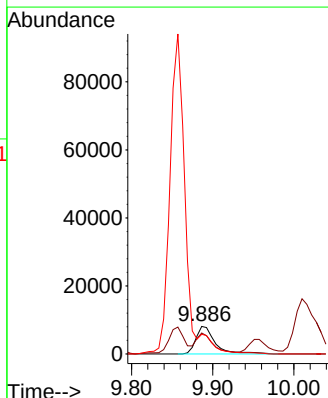
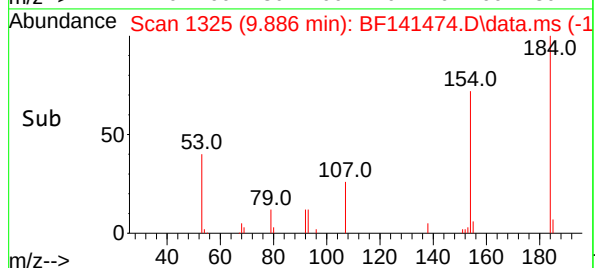
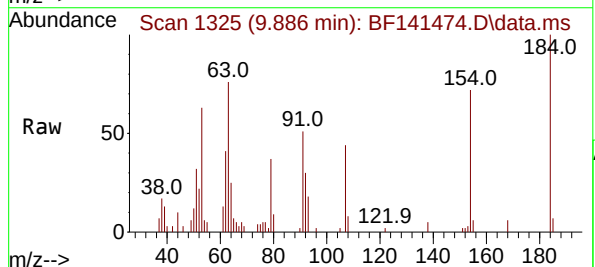
Manual Integrations
APPROVED

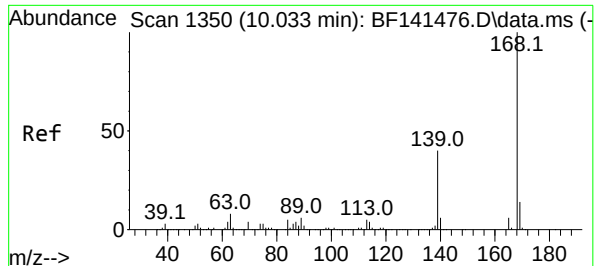
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54
2,4-Dinitrophenol
Concen: 7.561 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:184 Resp: 13341
Ion Ratio Lower Upper
184 100
63 75.9 61.0 91.6
154 71.6 59.9 89.9





#55

Dibenzenofuran

Concen: 10.230 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 172200

Ion Ratio Lower Upper

168 100

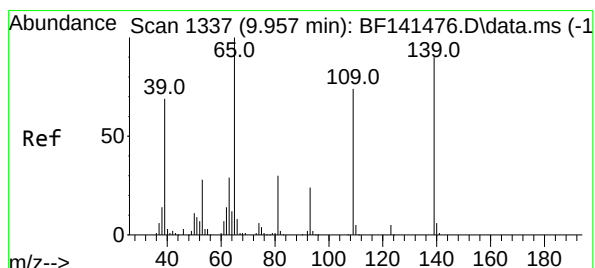
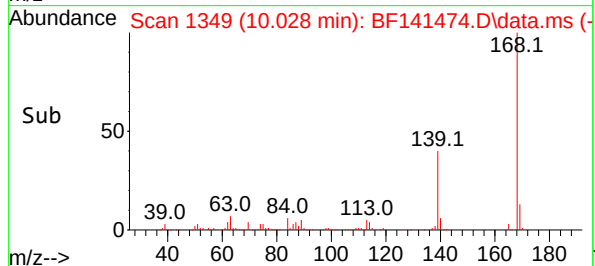
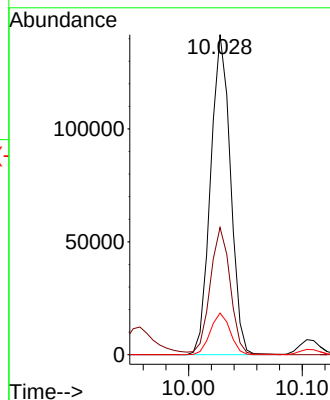
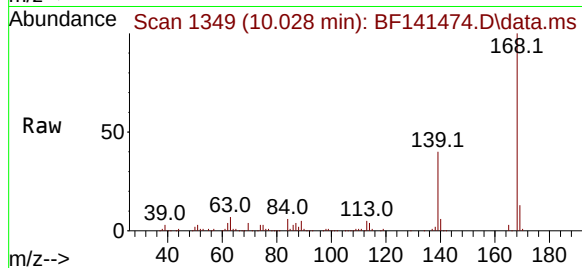
139 39.8 32.7 49.1

169 13.0 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#56

4-Nitrophenol

Concen: 9.093 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

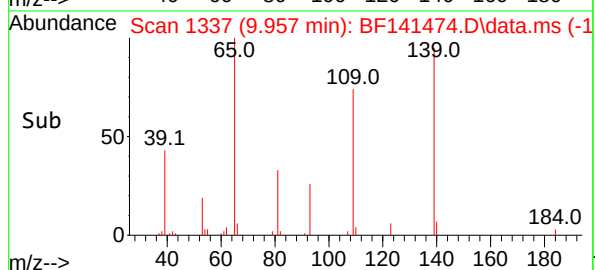
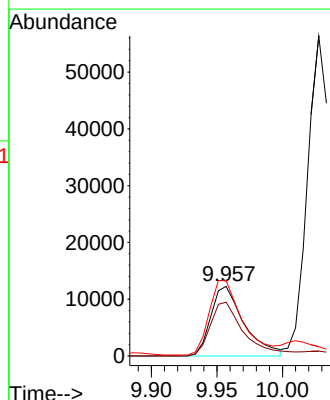
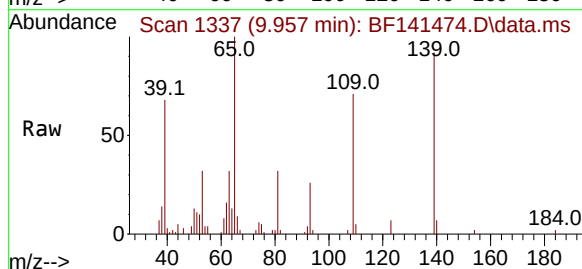
Tgt Ion:139 Resp: 21569

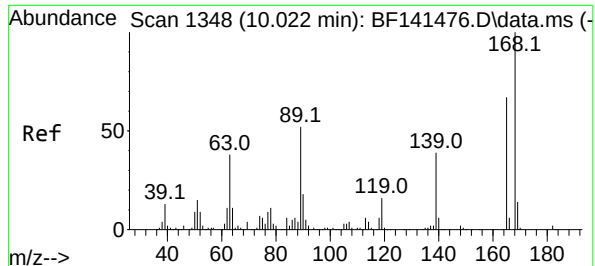
Ion Ratio Lower Upper

139 100

109 77.2 62.0 102.0

65 108.2 91.2 131.2





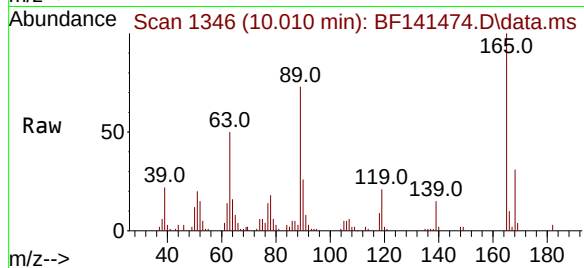
#57
2,4-Dinitrotoluene
Concen: 10.198 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

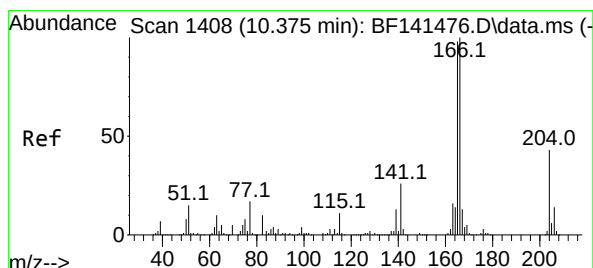
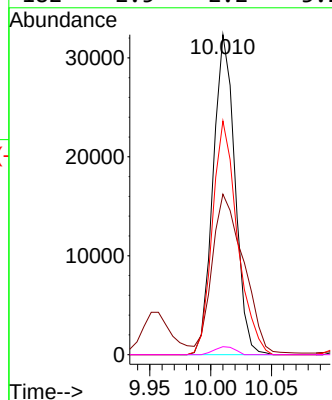
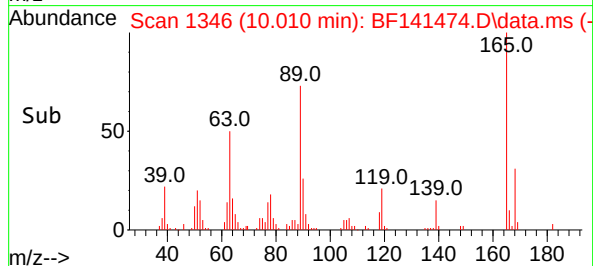


Tgt Ion:165 Resp: 40300
Ion Ratio Lower Upper
165 100
63 50.1 46.4 69.6
89 73.1 61.8 92.6
182 2.5 2.2 3.2

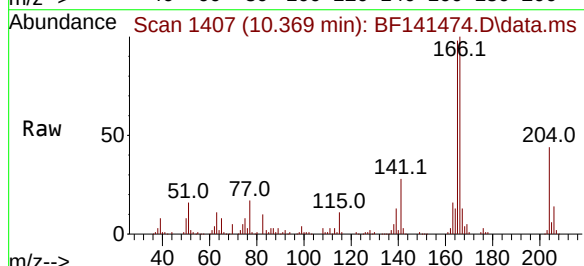
Manual Integrations

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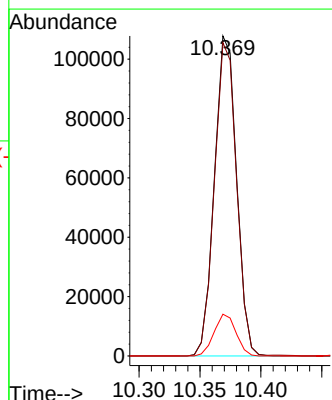
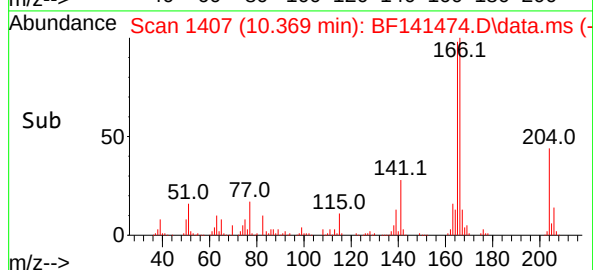
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

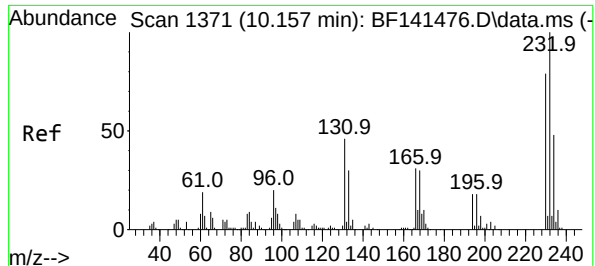


#58
Fluorene
Concen: 10.458 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00



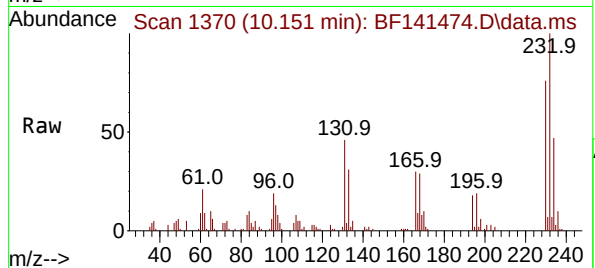
Tgt Ion:166 Resp: 136110
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.344 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

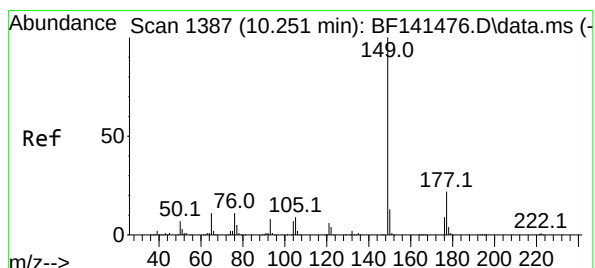
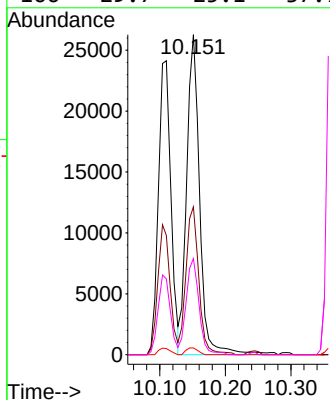
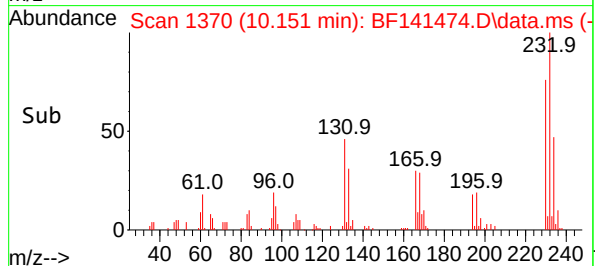
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 3610
Ion Ratio Lower Upper
232 100
131 45.8 39.2 58.8
130 1.9 2.1 3.1
166 29.7 25.1 37.7

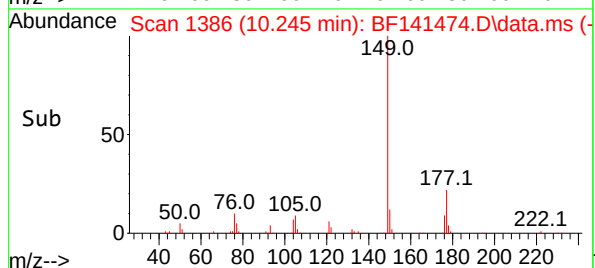
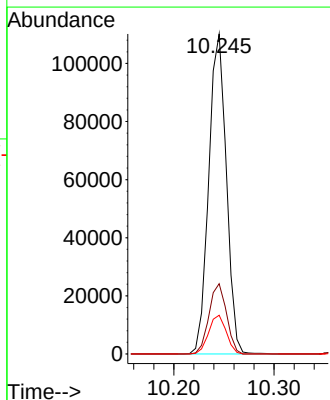
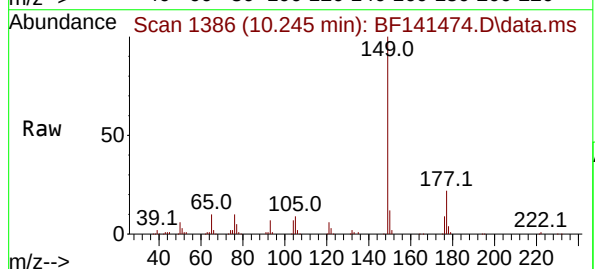
Manual Integrations
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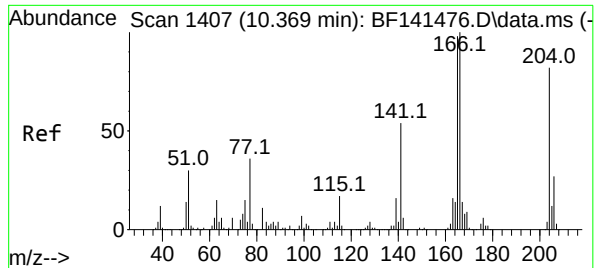
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#60
Diethylphthalate
Concen: 10.073 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:149 Resp: 134593
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.1 10.1 15.1





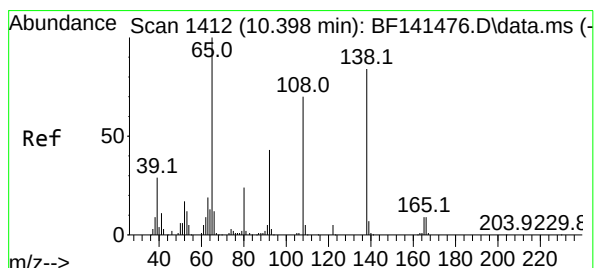
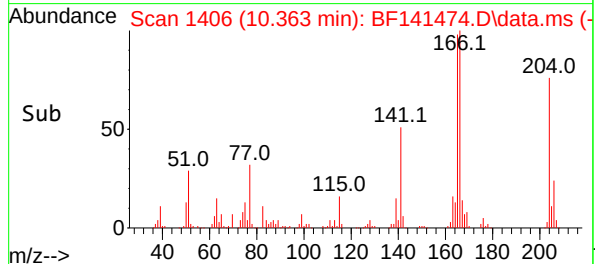
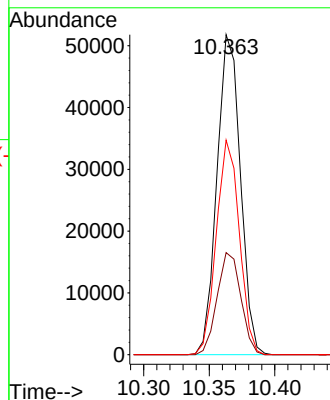
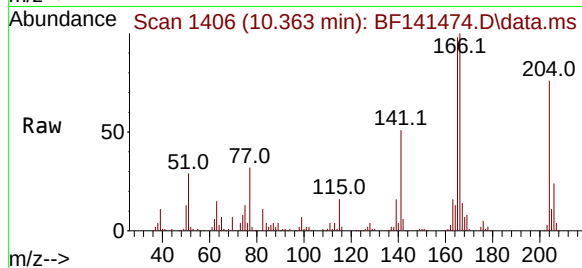
#61
4-Chlorophenyl-phenylether
Concen: 10.270 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 6430
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 67.1 51.9 77.9

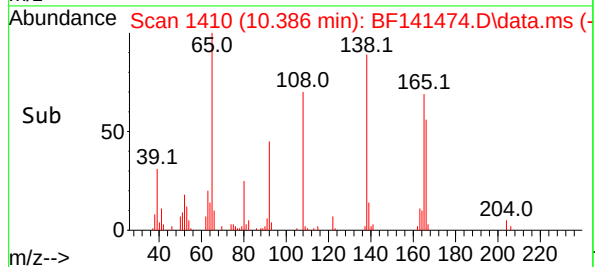
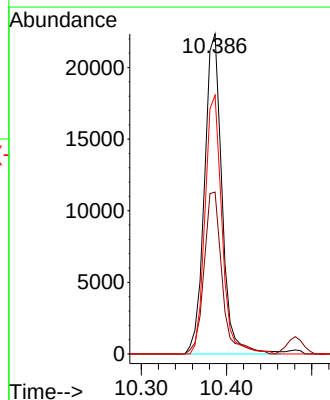
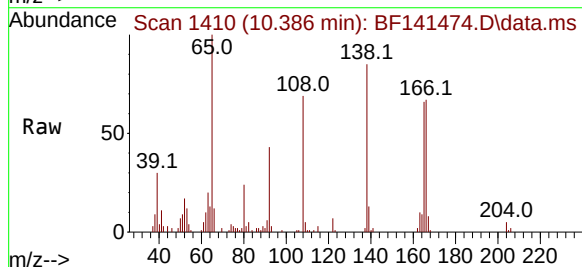
Manual Integrations
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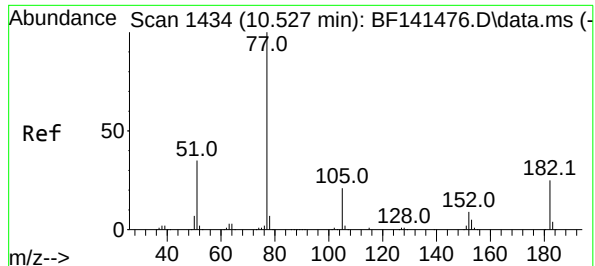
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#62
4-Nitroaniline
Concen: 9.842 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.029 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

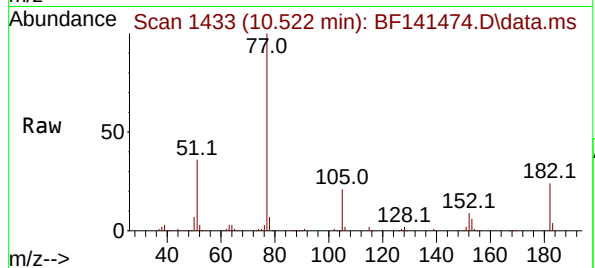
Tgt Ion:138 Resp: 31934
Ion Ratio Lower Upper
138 100
92 50.6 31.3 71.3
108 80.8 63.7 103.7





#63
Azobenzene
Concen: 10.010 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.011 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

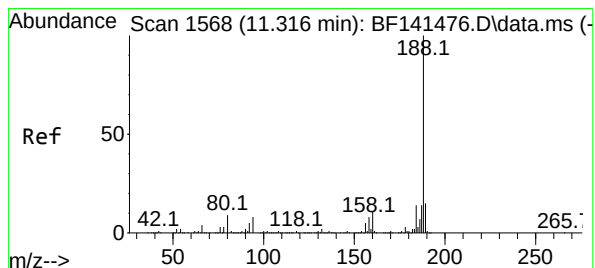
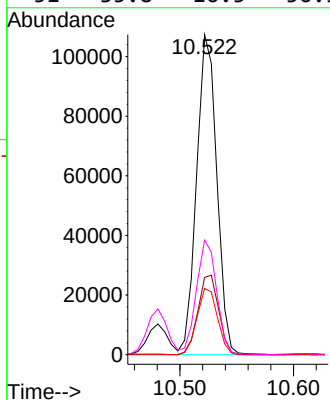
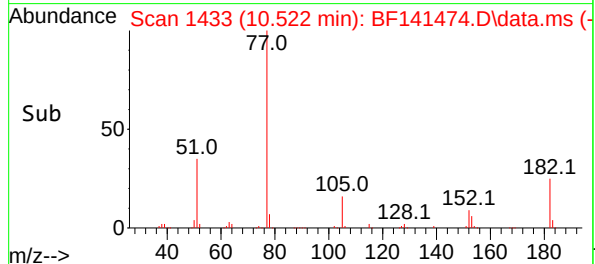
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 132968
Ion Ratio Lower Upper
77 100
182 24.1 4.7 44.7
105 20.7 0.4 40.4
51 35.8 16.5 56.5

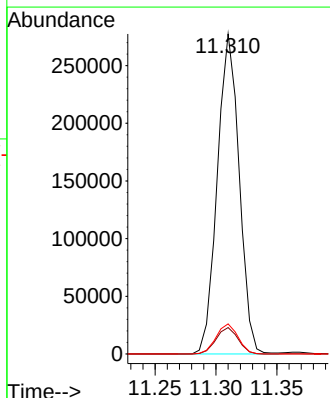
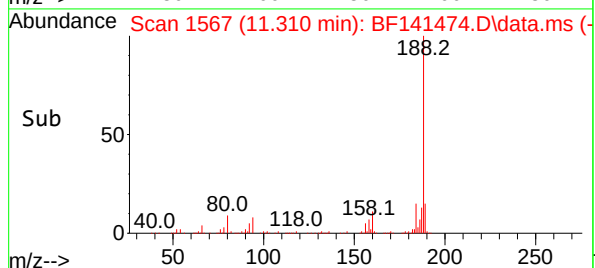
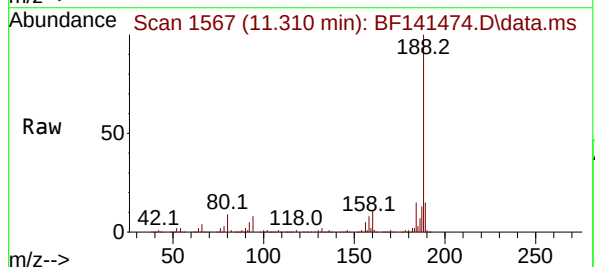
Manual Integrations
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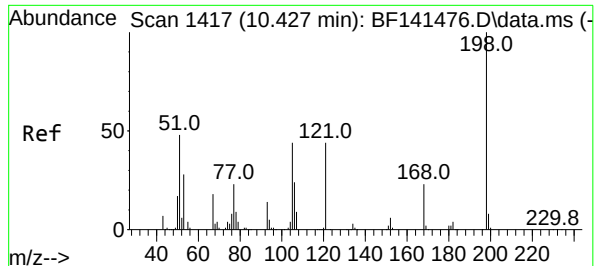
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:188 Resp: 347312
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.4 7.3 10.9





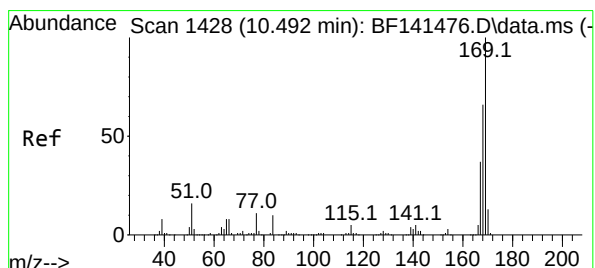
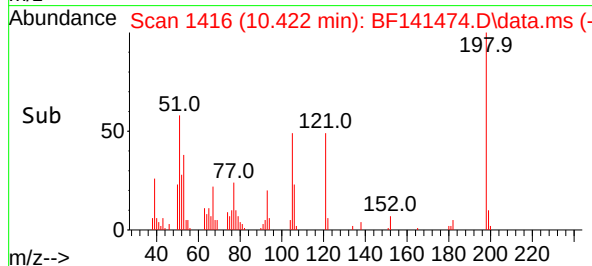
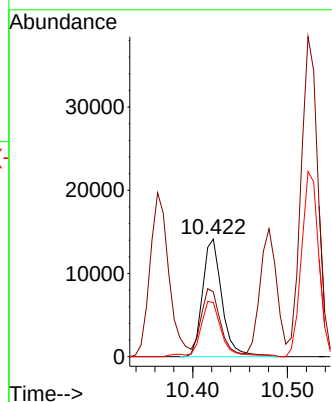
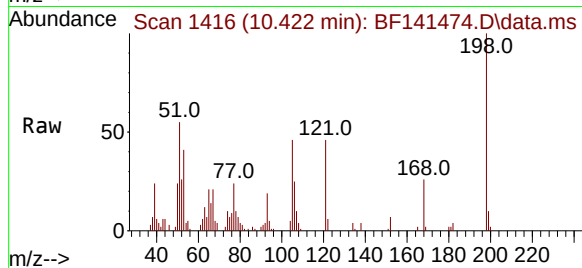
#65
4,6-Dinitro-2-methylphenol
Concen: 8.320 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 20074
Ion Ratio Lower Upper
198 100
51 55.2 37.4 77.4
105 46.2 25.2 65.2

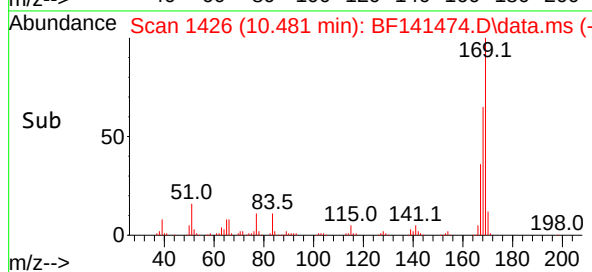
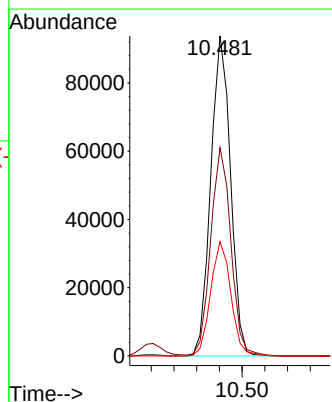
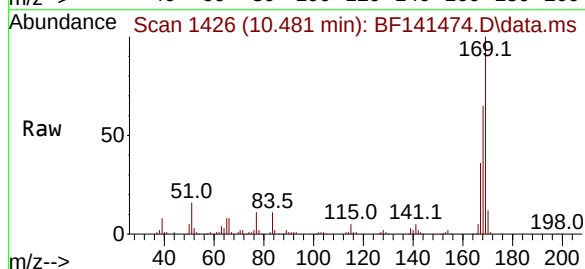
Manual Integrations
APPROVED

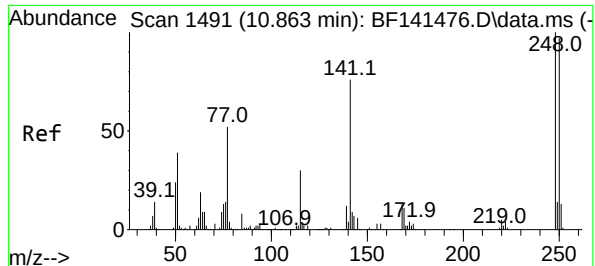
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#66
n-Nitrosodiphenylamine
Concen: 10.201 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

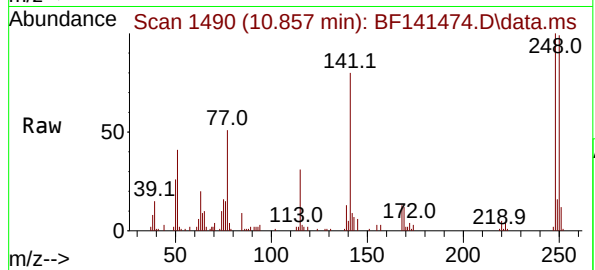
Tgt Ion:169 Resp: 113408
Ion Ratio Lower Upper
169 100
168 65.1 53.3 79.9
167 35.7 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 9.856 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

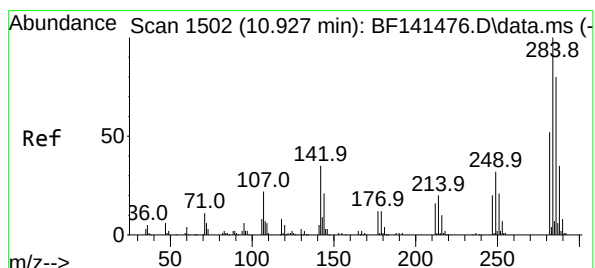
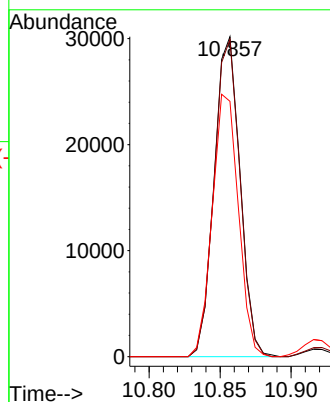
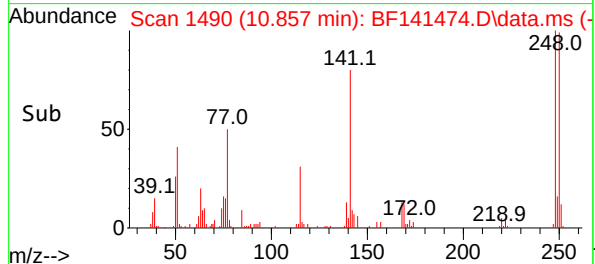
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



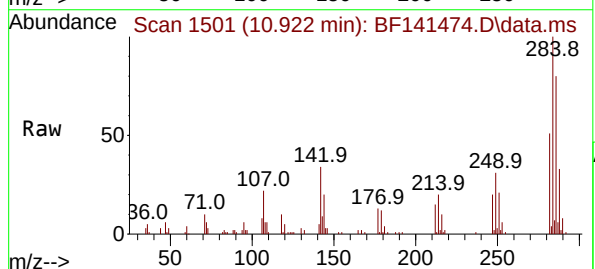
Tgt Ion:248 Resp: 3825
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 79.8 60.6 90.8

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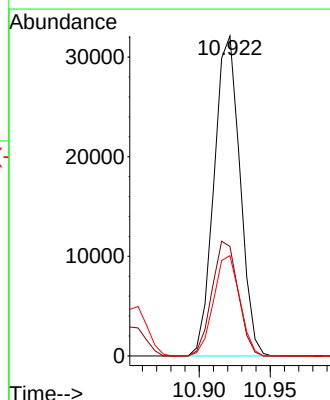
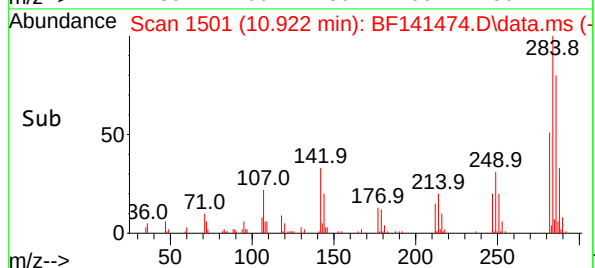
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

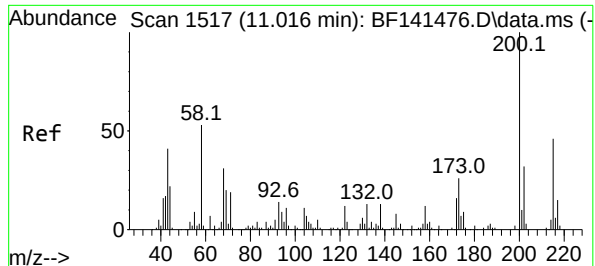


#68
Hexachlorobenzene
Concen: 10.186 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00



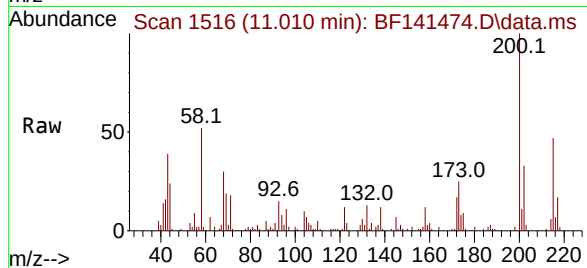
Tgt Ion:284 Resp: 40715
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 31.3 25.8 38.8





#69
Atrazine
Concen: 10.580 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.011 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

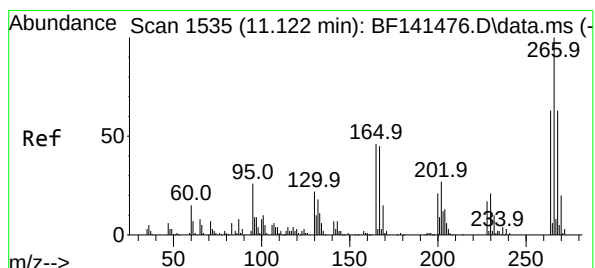
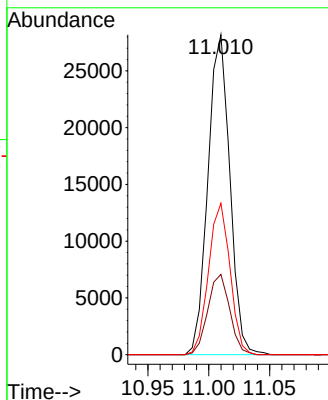
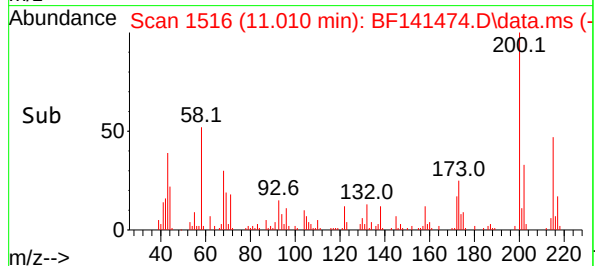
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



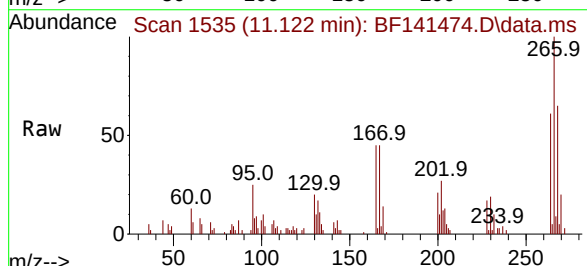
Tgt Ion:200 Resp: 3528
Ion Ratio Lower Upper
200 100
173 25.1 5.9 45.9
215 47.3 25.9 65.9

Manual Integrations
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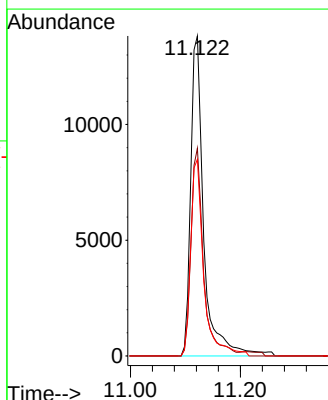
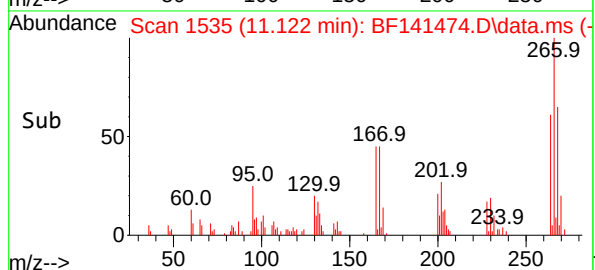
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

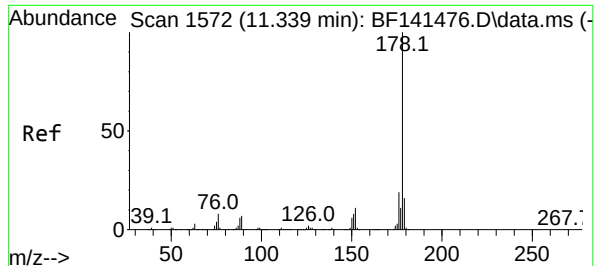


#70
Pentachlorophenol
Concen: 8.895 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00



Tgt Ion:266 Resp: 22735
Ion Ratio Lower Upper
266 100
268 64.9 50.1 75.1
264 61.5 50.1 75.1





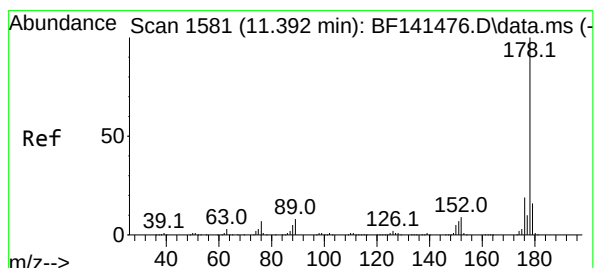
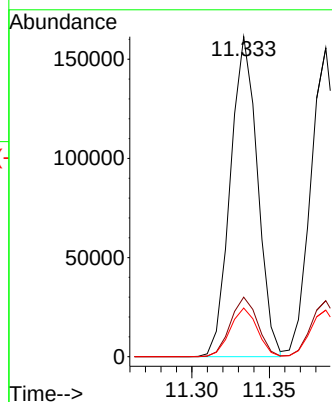
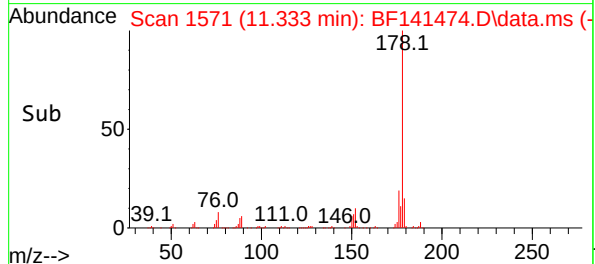
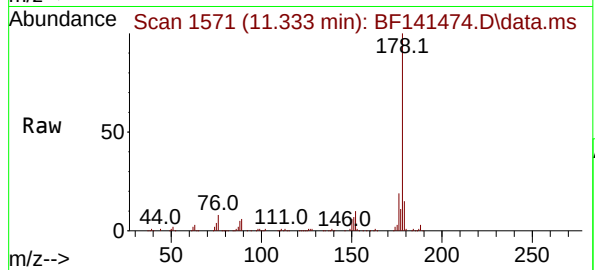
#71
Phenanthrene
Concen: 10.283 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 196580
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.2 12.4 18.6

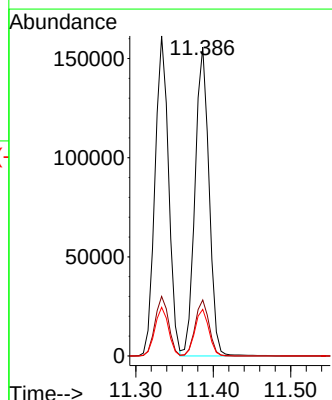
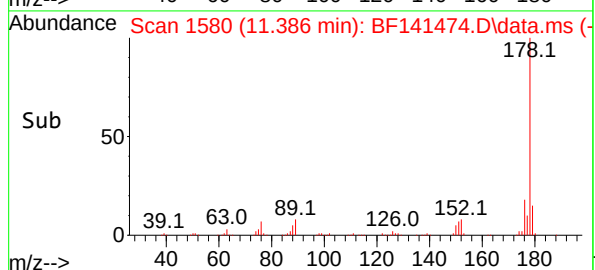
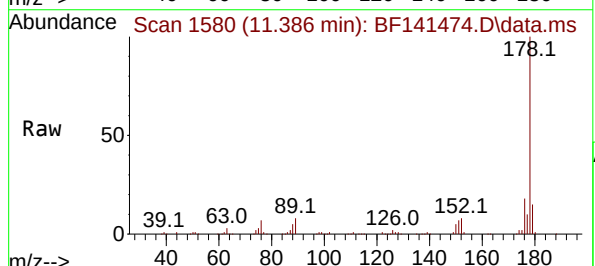
Manual Integrations
APPROVED

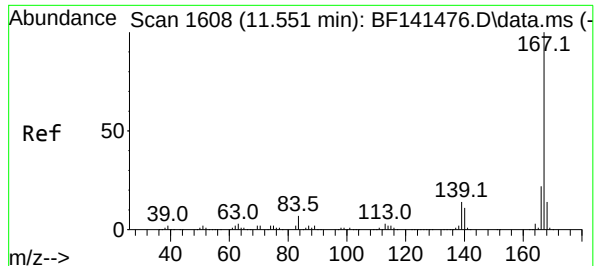
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#72
Anthracene
Concen: 10.174 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

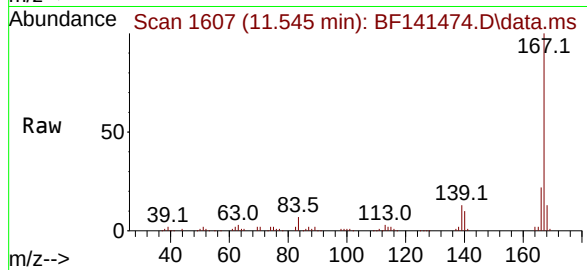
Tgt Ion:178 Resp: 195528
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.1 12.4 18.6





#73
Carbazole
Concen: 10.306 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

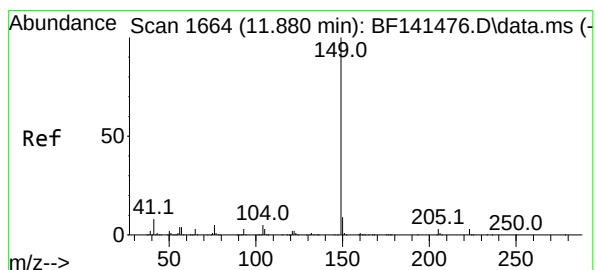
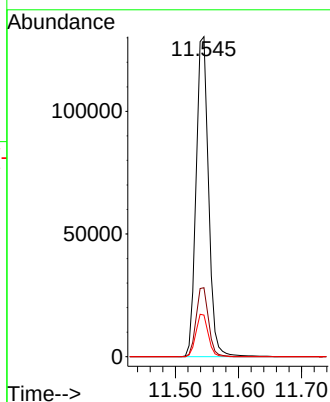
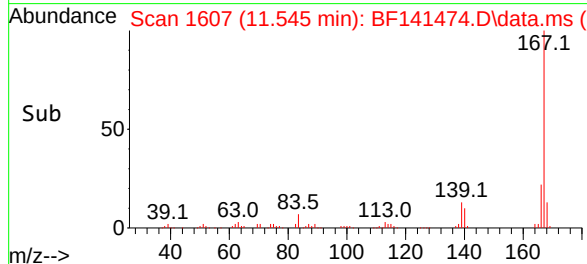
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



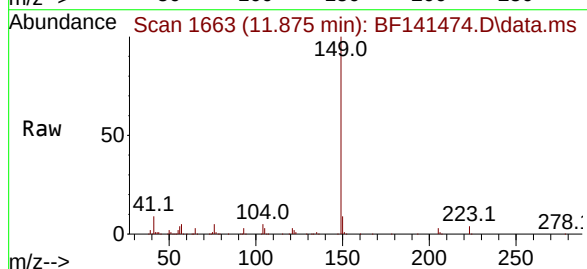
Tgt Ion:167 Resp: 17822
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.0 10.9 16.3

Manual Integrations
APPROVED

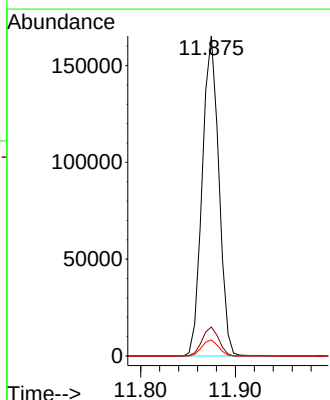
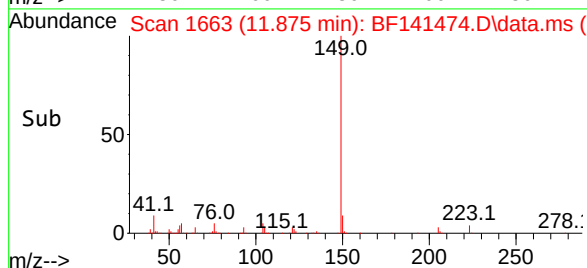
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

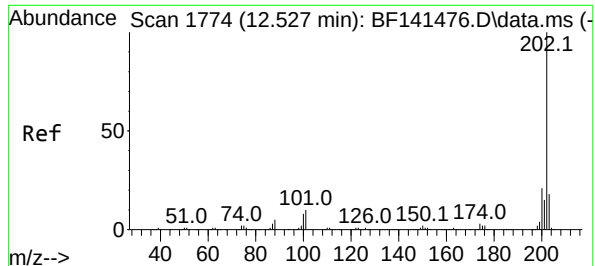


#74
Di-n-butylphthalate
Concen: 10.057 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00



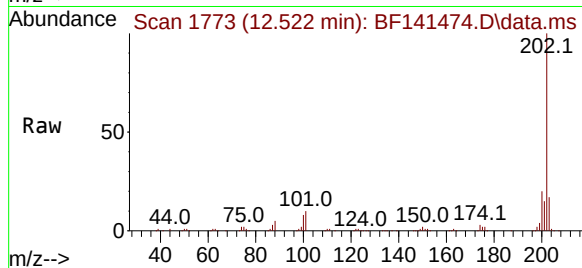
Tgt Ion:149 Resp: 200806
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 10.618 ng
RT: 12.522 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

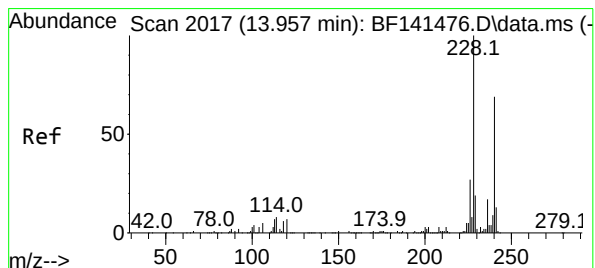
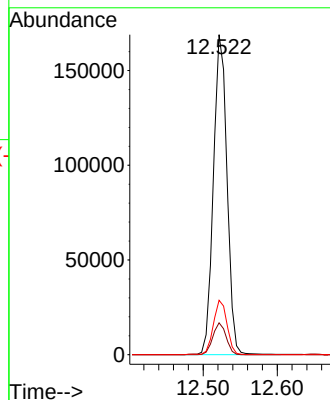
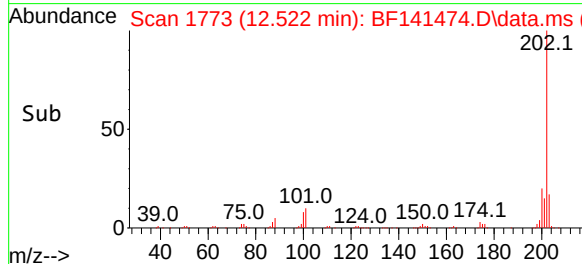
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 215218
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.0 0.0 37.6

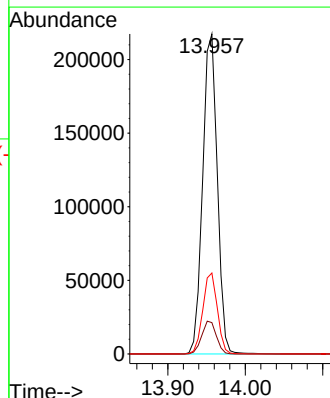
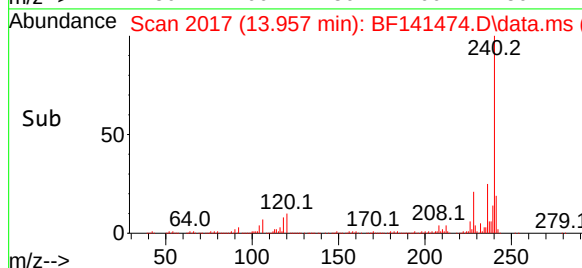
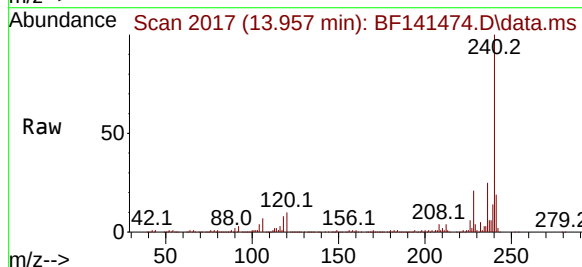
Manual Integrations
APPROVED

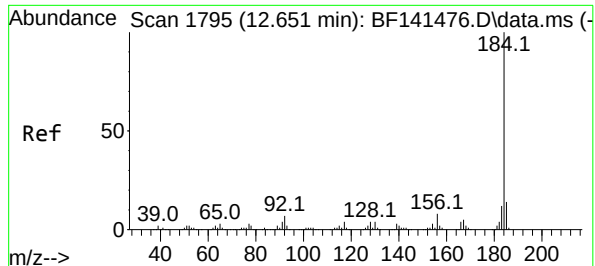
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:240 Resp: 284792
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.3 19.8 29.8





#77

Benzidine

Concen: 11.050 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

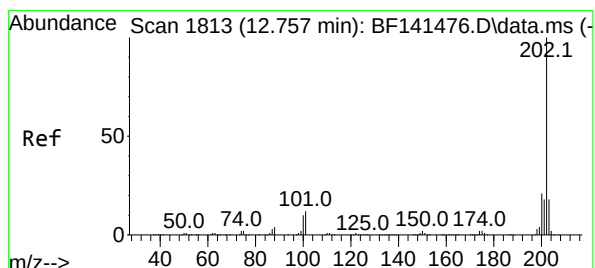
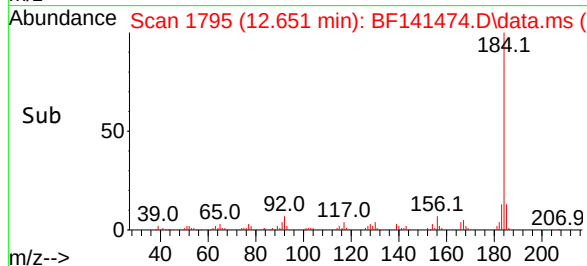
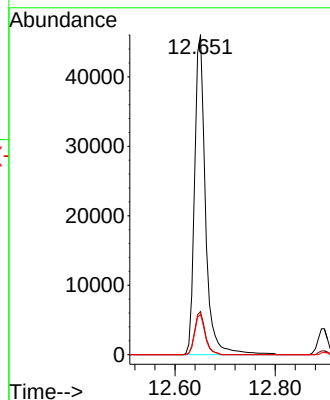
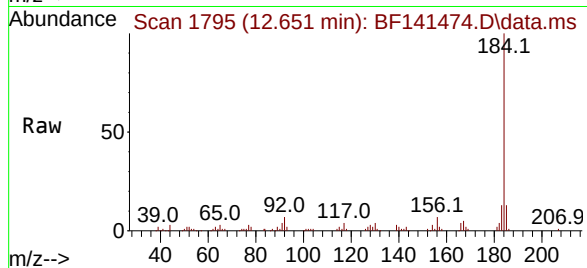
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.3	16.9
183	12.6	9.3	13.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#78

Pyrene

Concen: 9.146 ng

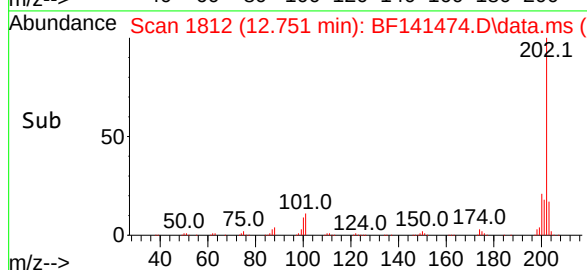
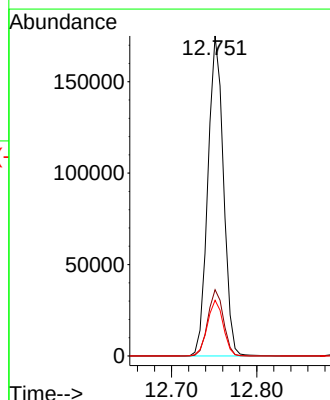
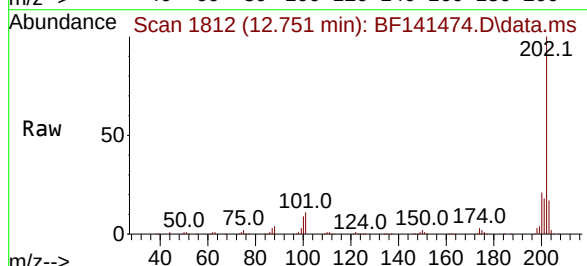
RT: 12.751 min Scan# 1812

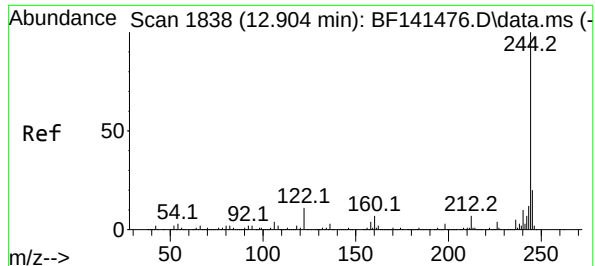
Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

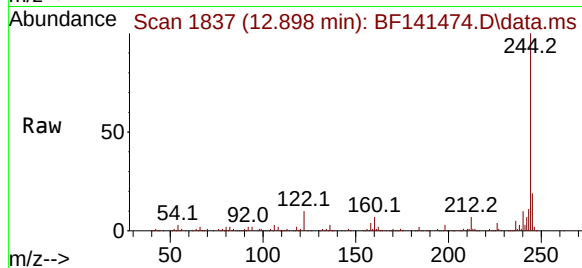
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.4	14.3	21.5





#79
Terphenyl-d14
Concen: 18.645 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

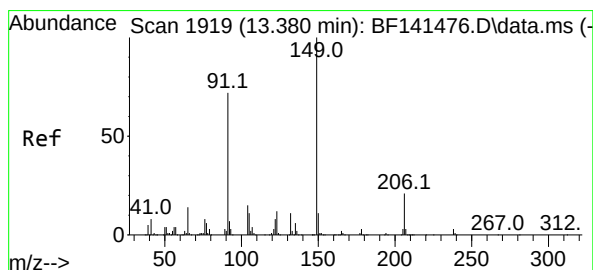
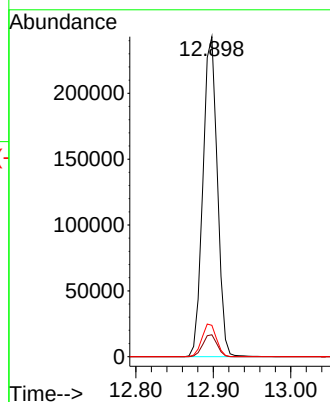
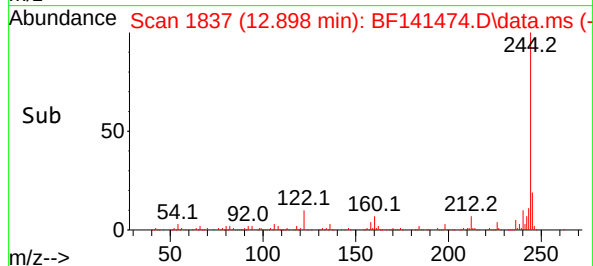
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 31454
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 9.8 8.4 12.6

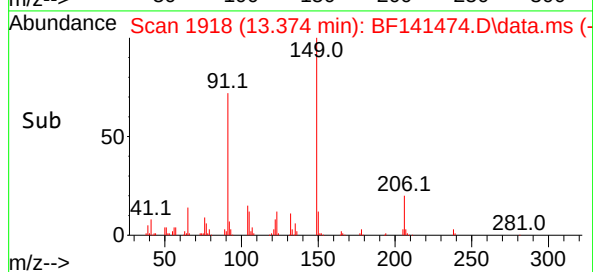
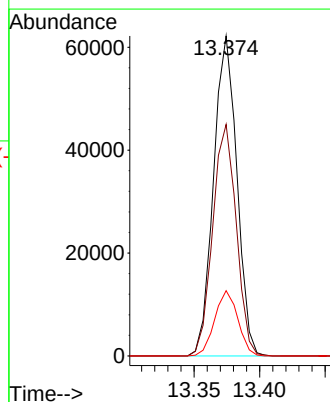
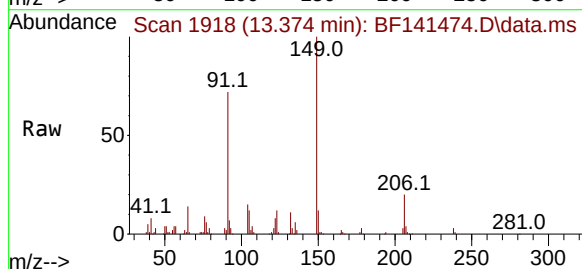
Manual Integrations
APPROVED

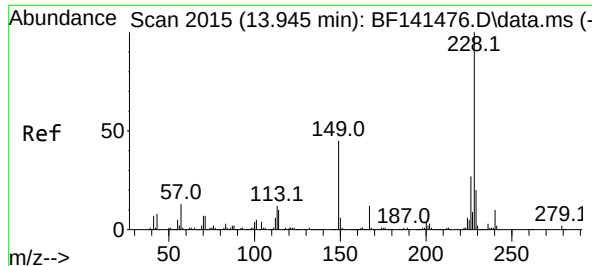
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#80
Butylbenzylphthalate
Concen: 9.152 ng
RT: 13.374 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

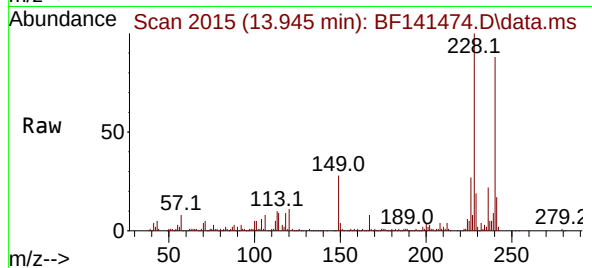
Tgt Ion:149 Resp: 76852
Ion Ratio Lower Upper
149 100
91 72.3 57.8 86.8
206 20.4 16.7 25.1





#81
Benzo(a)anthracene
Concen: 10.021 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

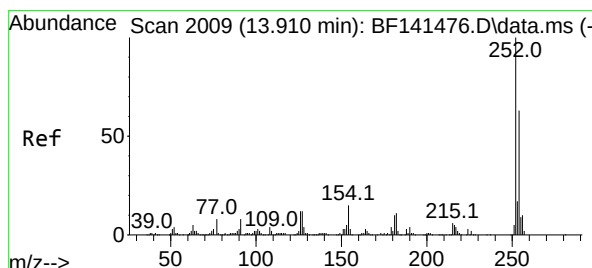
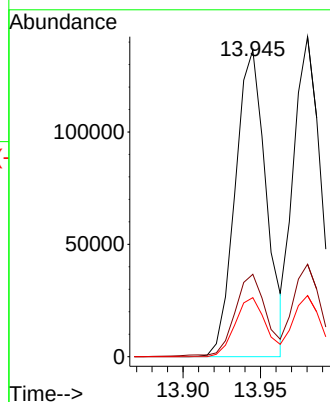
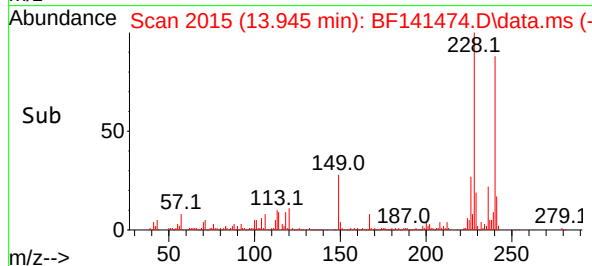
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



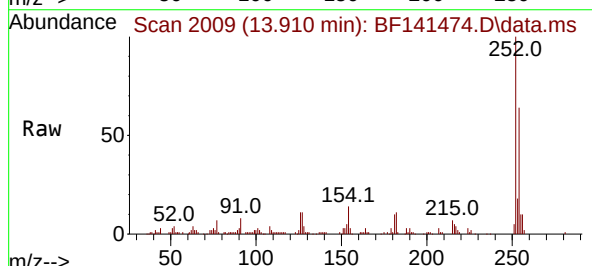
Tgt Ion:228 Resp: 18970
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.3 15.8 23.6

Manual Integrations
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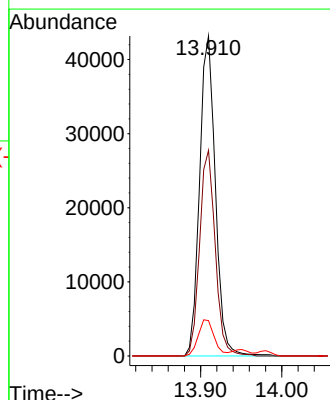
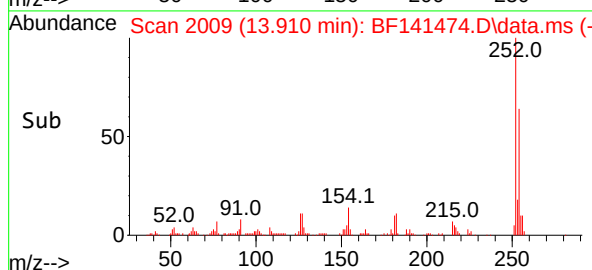
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

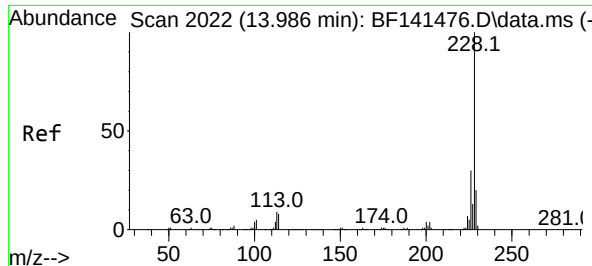


#82
3,3'-Dichlorobenzidine
Concen: 10.785 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00



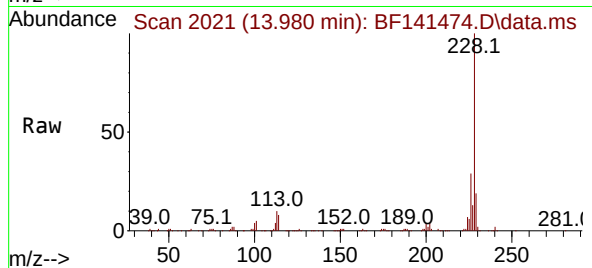
Tgt Ion:252 Resp: 58487
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 11.1 9.3 13.9





#83
Chrysene
Concen: 9.960 ng
RT: 13.980 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

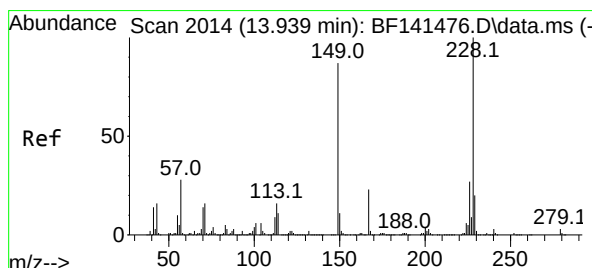
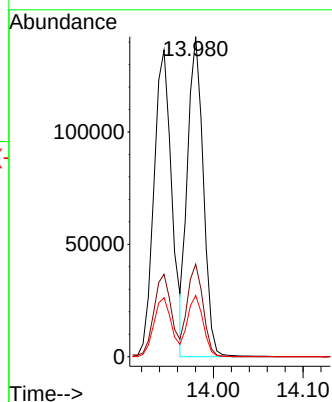
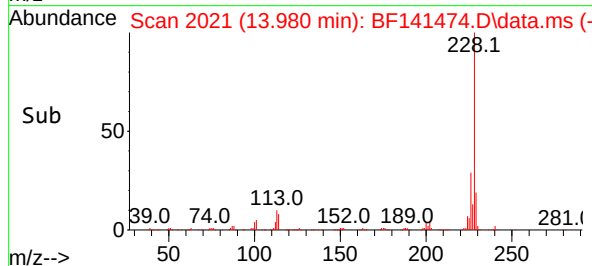
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 17410
Ion Ratio Lower Upper
228 100
226 28.9 24.0 36.0
229 19.1 15.7 23.5

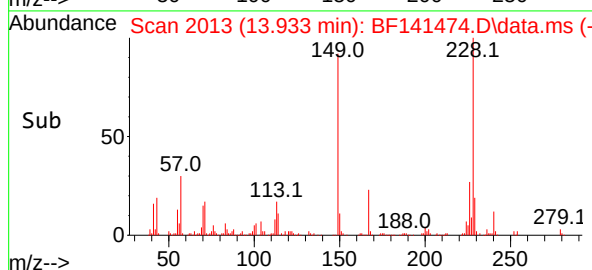
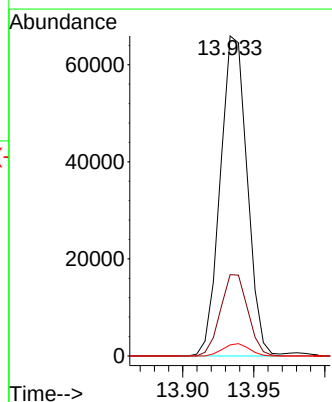
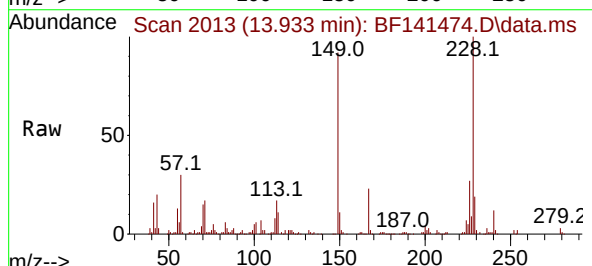
Manual Integrations
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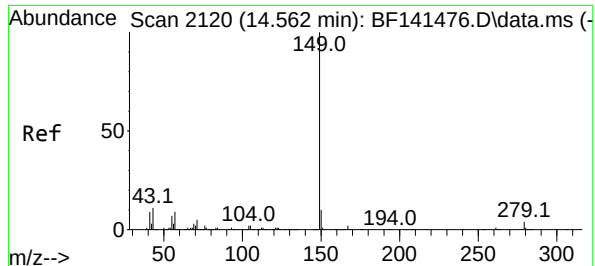
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.171 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

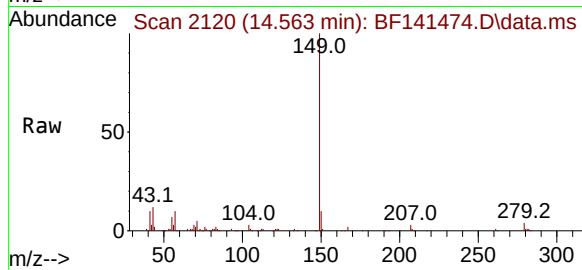
Tgt Ion:149 Resp: 86853
Ion Ratio Lower Upper
149 100
167 25.4 21.4 32.0
279 3.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 8.576 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

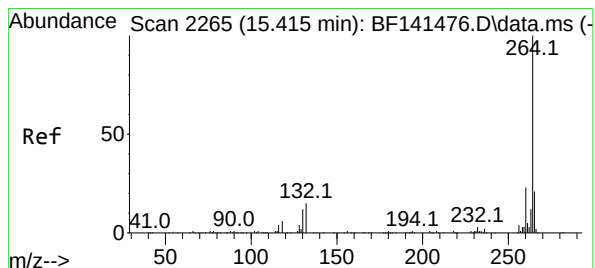
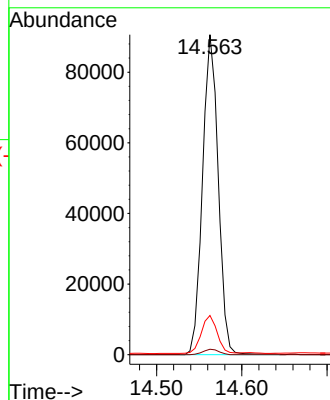
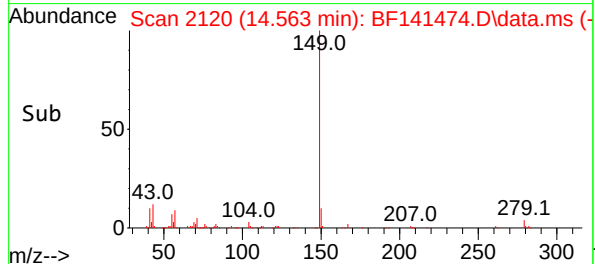
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 115875
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.1 9.5 14.3

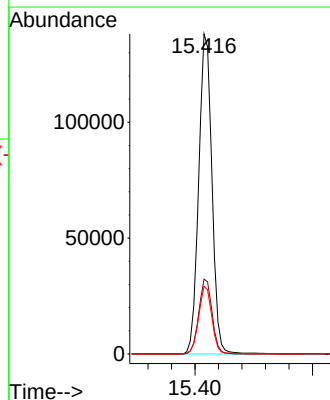
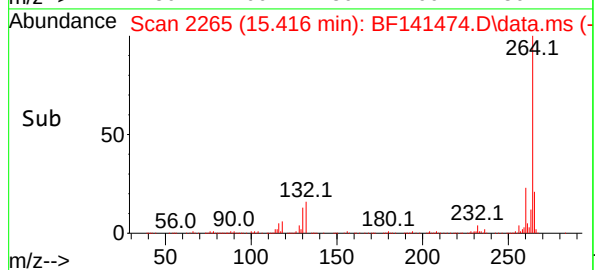
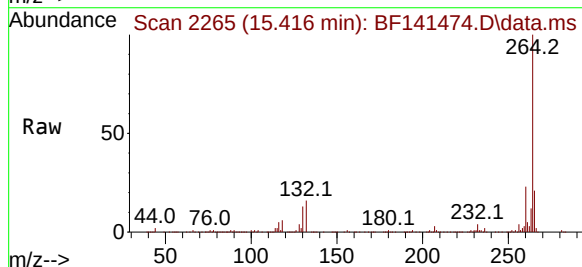
Manual Integrations
APPROVED

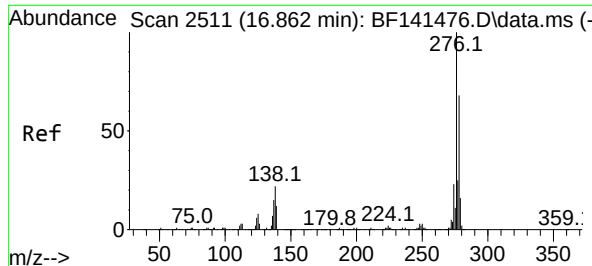
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

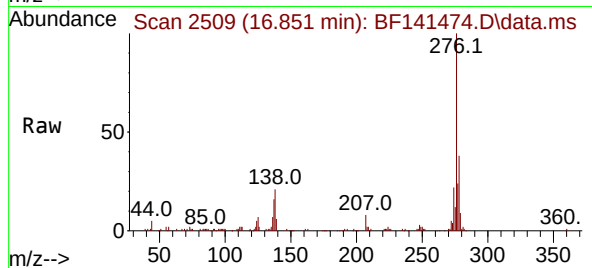
Tgt Ion:264 Resp: 215900
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.327 ng
RT: 16.851 min Scan# 21108
Delta R.T. -0.023 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

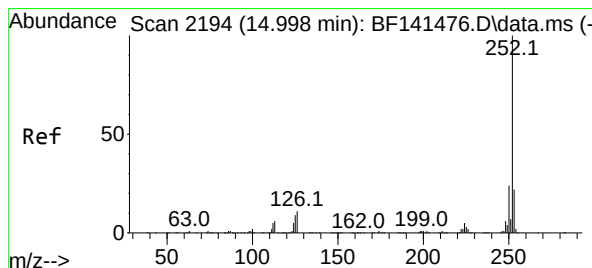
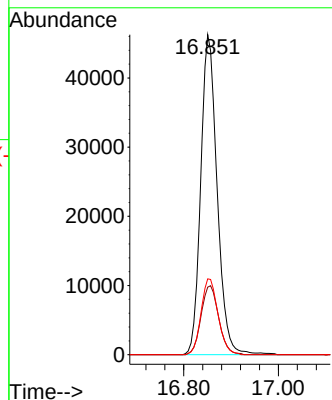
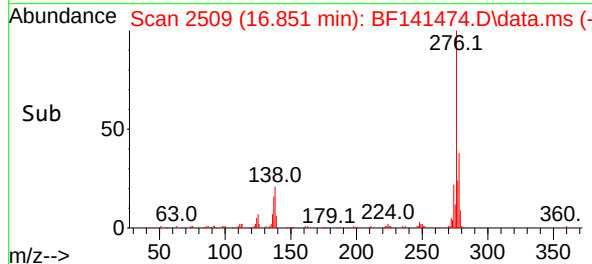
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 11108
Ion Ratio Lower Upper
276 100
138 23.1 18.0 27.0
277 24.5 20.4 30.6

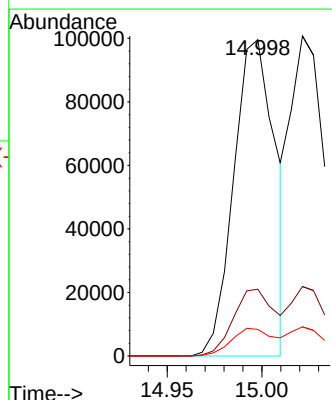
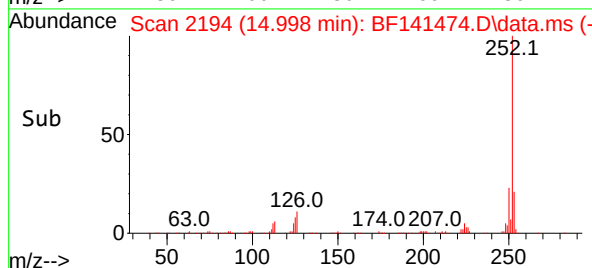
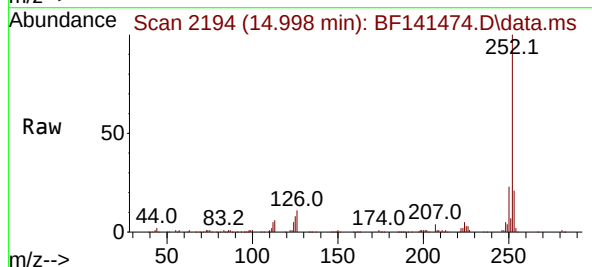
Manual Integrations
APPROVED

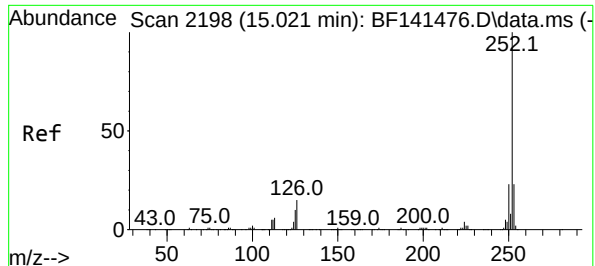
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#88
Benzo(b)fluoranthene
Concen: 10.476 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 252 Resp: 151861
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 10.604 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 13126

Ion Ratio Lower Upper

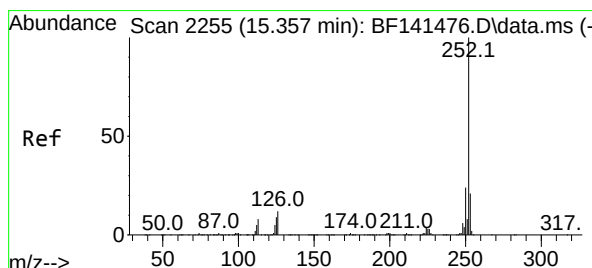
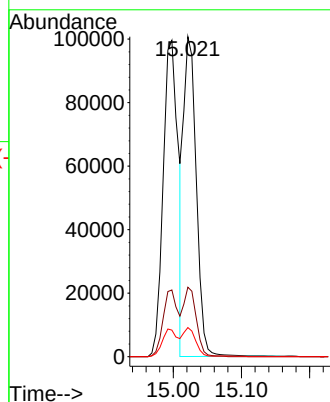
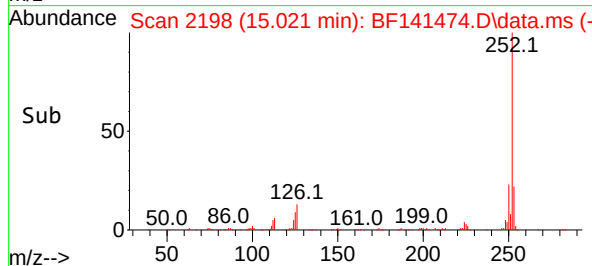
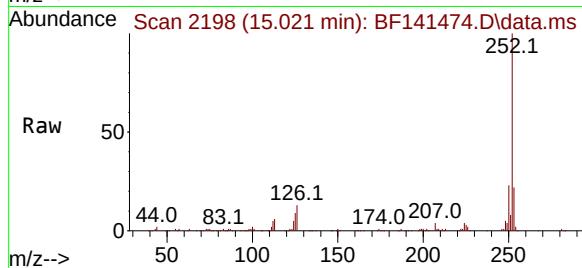
252 100

253 21.7 18.0 27.0

125 9.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#90

Benzo(a)pyrene

Concen: 9.885 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

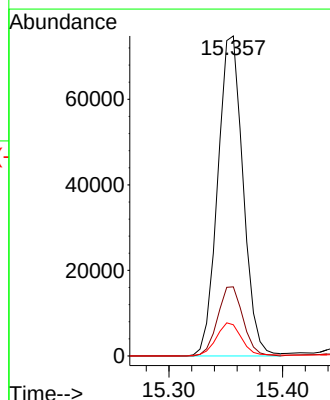
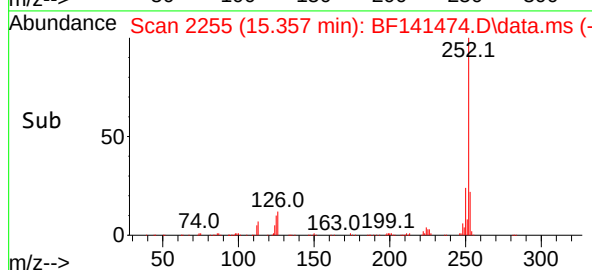
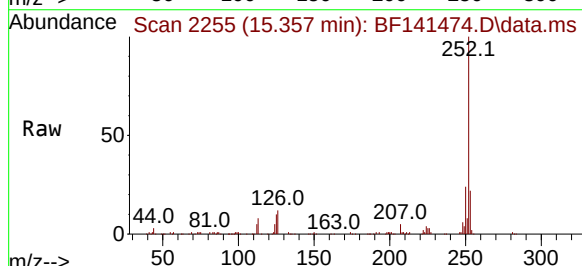
Tgt Ion:252 Resp: 115948

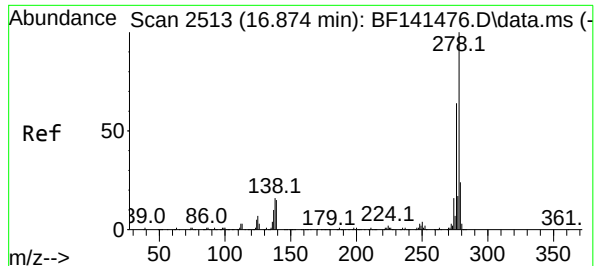
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.8 7.4 11.2





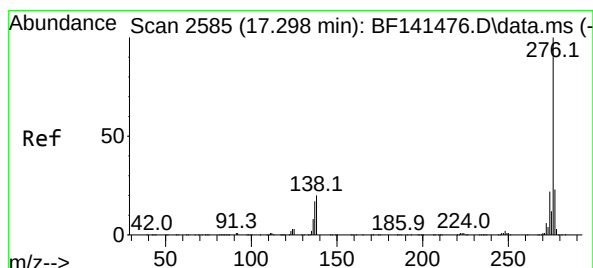
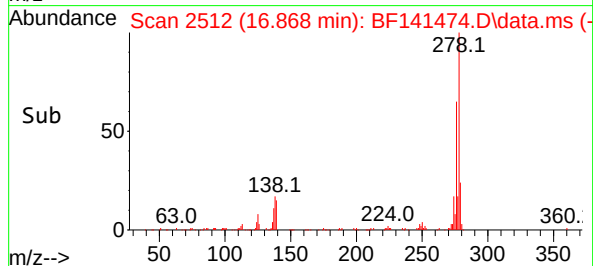
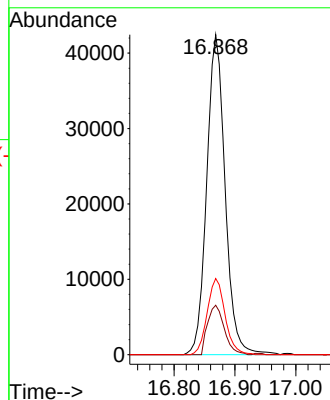
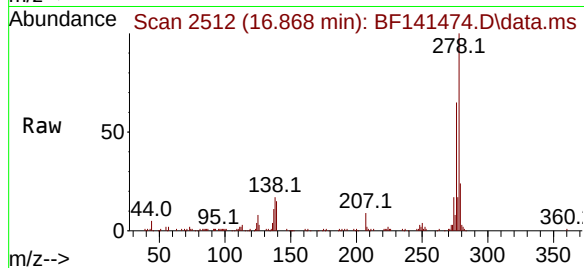
#91
Dibenzo(a,h)anthracene
Concen: 8.271 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 89400
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.6
279 23.8 19.1 28.7

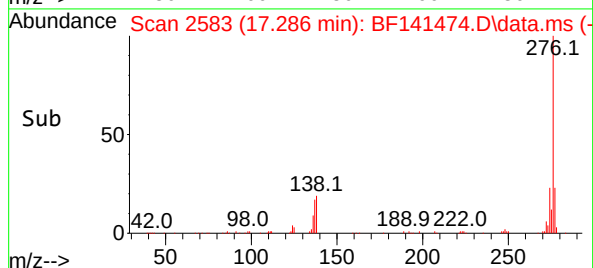
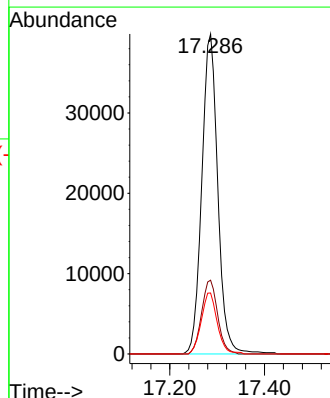
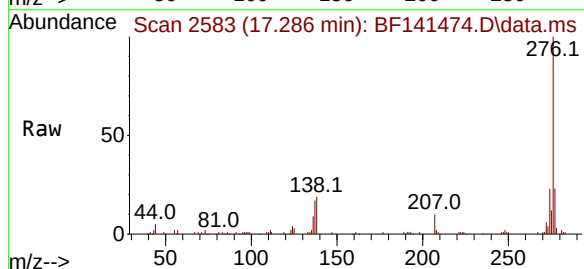
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#92
Benzo(g,h,i)perylene
Concen: 8.243 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:276 Resp: 93242
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 19.0 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141475.D
 Acq On : 06 Feb 2025 12:26
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 16:00:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86149	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	348017	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	193091	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	333651	20.000	ng	0.00
76) Chrysene-d12	13.957	240	251741	20.000	ng	0.00
86) Perylene-d12	15.416	264	191435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	235106	42.785	ng	0.00
7) Phenol-d6	6.422	99	293602	42.273	ng	-0.02
23) Nitrobenzene-d5	7.351	82	275773	41.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	80912	41.714	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	534841	42.674	ng	0.00
79) Terphenyl-d14	12.898	244	609819	40.894	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	45027	20.359	ng	98
3) Pyridine	3.211	79	112903	21.453	ng	96
4) n-Nitrosodimethylamine	3.152	42	70658	20.276	ng	98
6) Aniline	6.446	93	142156	21.820	ng	97
8) 2-Chlorophenol	6.575	128	124573	20.980	ng	98
9) Benzaldehyde	6.340	77	84531	22.903	ng	98
10) Phenol	6.440	94	156515	21.652	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	111675	20.568	ng	98
12) 1,3-Dichlorobenzene	6.728	146	133906	21.362	ng	99
13) 1,4-Dichlorobenzene	6.804	146	135357	21.134	ng	99
14) 1,2-Dichlorobenzene	6.957	146	126931	21.354	ng	99
15) Benzyl Alcohol	6.928	79	113901	21.386	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	199281	21.441	ng	99
17) 2-Methylphenol	7.046	107	96607	20.792	ng	99
18) Hexachloroethane	7.298	117	50745	21.409	ng	99
19) n-Nitroso-di-n-propyla...	7.199	70	89512	21.546	ng	99
20) 3+4-Methylphenols	7.199	107	125707	21.287	ng	91
22) Acetophenone	7.199	105	181333	20.946	ng	100
24) Nitrobenzene	7.369	77	133285	20.485	ng	99
25) Isophorone	7.604	82	220291	20.706	ng	99
26) 2-Nitrophenol	7.687	139	66195	20.449	ng	98
27) 2,4-Dimethylphenol	7.728	122	76751	20.296	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	142151	20.852	ng	99
29) 2,4-Dichlorophenol	7.934	162	108456	21.227	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	115050	20.678	ng	100
31) Naphthalene	8.093	128	381547	21.062	ng	99
32) Benzoic acid	7.828	122	75462	19.212	ng	99
33) 4-Chloroaniline	8.146	127	132911	21.014	ng	98
34) Hexachlorobutadiene	8.210	225	69492	20.804	ng	98
35) Caprolactam	8.498	113	32746	21.050	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	119021	21.029	ng	99
37) 2-Methylnaphthalene	8.781	142	250365	21.238	ng	98
38) 1-Methylnaphthalene	8.881	142	240408	21.056	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	115936	20.753	ng	99
41) Hexachlorocyclopentadiene	8.934	237	34729	18.691	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	75161	20.817	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141475.D
 Acq On : 06 Feb 2025 12:26
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 16:00:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	83112	21.240	ng	97
46) 1,1'-Biphenyl	9.245	154	315040	21.045	ng	99
47) 2-Chloronaphthalene	9.269	162	233789	21.119	ng	99
48) 2-Nitroaniline	9.369	65	75990	20.455	ng	99
49) Acenaphthylene	9.687	152	345829	21.004	ng	99
50) Dimethylphthalate	9.545	163	271920	20.744	ng	100
51) 2,6-Dinitrotoluene	9.610	165	60700	21.182	ng	98
52) Acenaphthene	9.857	154	229442m	20.728	ng	
53) 3-Nitroaniline	9.781	138	64626	20.954	ng	96
54) 2,4-Dinitrophenol	9.887	184	32186	18.898	ng	98
55) Dibenzofuran	10.028	168	342620	21.087	ng	100
56) 4-Nitrophenol	9.951	139	47721	20.843	ng	96
57) 2,4-Dinitrotoluene	10.016	165	79865	20.936	ng	95
58) Fluorene	10.375	166	265810	21.159	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	69328	20.579	ng	100
60) Diethylphthalate	10.245	149	270018	20.936	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	127216	21.049	ng	97
62) 4-Nitroaniline	10.387	138	64262	20.519	ng	98
63) Azobenzene	10.528	77	267372	20.853	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	46877	20.226	ng	99
66) n-Nitrosodiphenylamine	10.487	169	224776	21.045	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	78167	20.962	ng	97
68) Hexachlorobenzene	10.922	284	80301	20.913	ng	97
69) Atrazine	11.010	200	71359	22.271	ng	97
70) Pentachlorophenol	11.122	266	50539	20.584	ng	98
71) Phenanthrene	11.339	178	387256	21.085	ng	99
72) Anthracene	11.386	178	386414	20.930	ng	100
73) Carbazole	11.545	167	358987	21.610	ng	99
74) Di-n-butylphthalate	11.875	149	408041	21.273	ng	100
75) Fluoranthene	12.528	202	414712	21.298	ng	99
77) Benzidine	12.651	184	84013	15.132	ng	98
78) Pyrene	12.757	202	432216	20.169	ng	99
80) Butylbenzylphthalate	13.375	149	152184	20.502	ng	99
81) Benzo(a)anthracene	13.945	228	339877	20.310	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	102367	21.355	ng	98
83) Chrysene	13.980	228	330823	21.411	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	172352	20.588	ng	99
85) Di-n-octyl phthalate	14.563	149	229060	19.180	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	227105	19.200	ng	99
88) Benzo(b)fluoranthene	14.998	252	267695	20.826	ng	100
89) Benzo(k)fluoranthene	15.022	252	238695	21.747	ng	97
90) Benzo(a)pyrene	15.357	252	213510	20.528	ng	100
91) Dibenzo(a,h)anthracene	16.868	278	185740	19.379	ng	98
92) Benzo(g,h,i)perylene	17.286	276	191595	19.103	ng	99

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

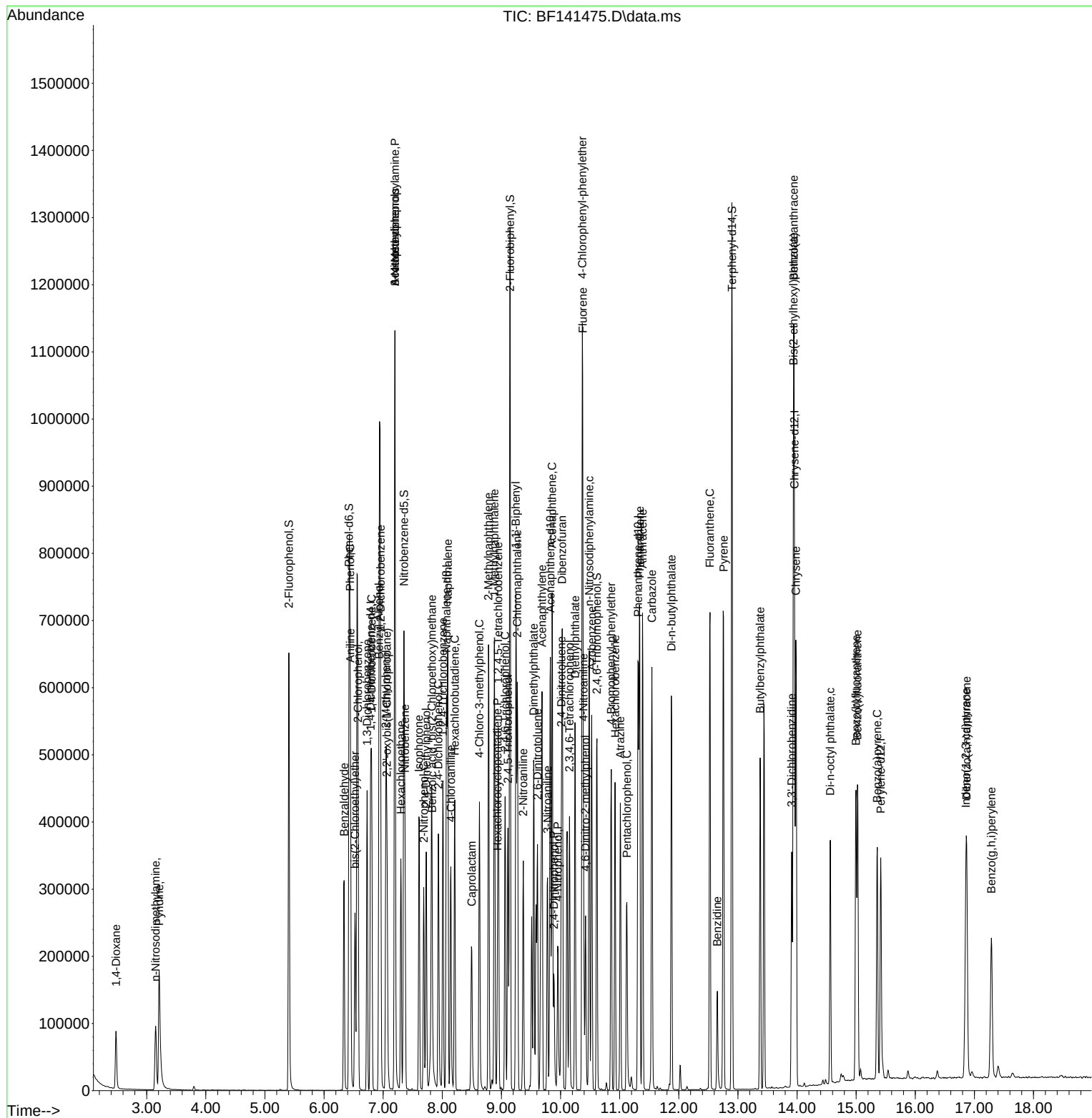
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141475.D
 Acq On : 06 Feb 2025 12:26
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

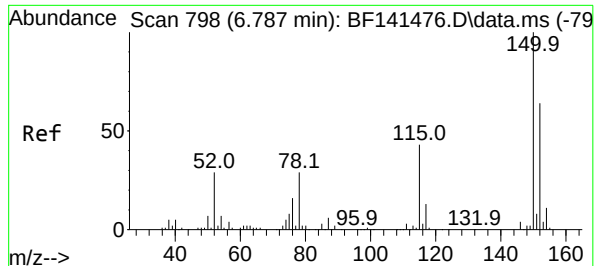
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025

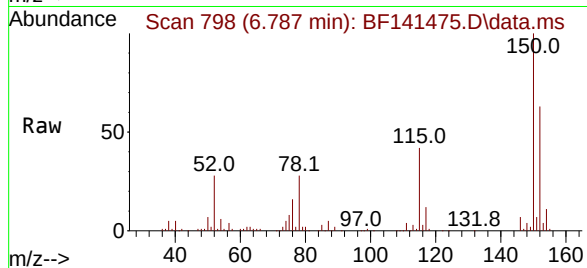
Quant Time: Feb 06 16:00:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

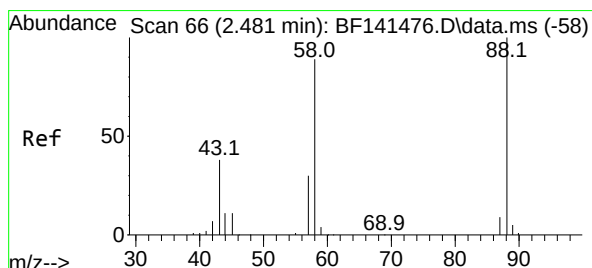
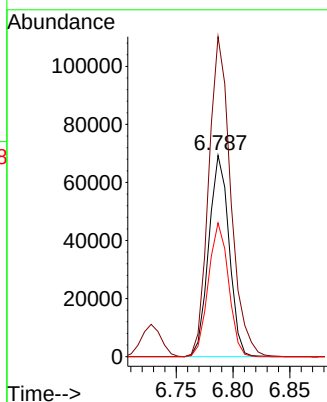
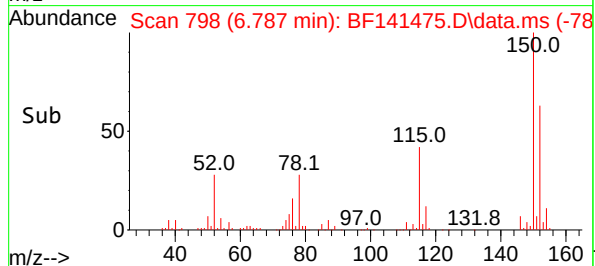
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 86149
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.4
115 66.4 53.6 80.4

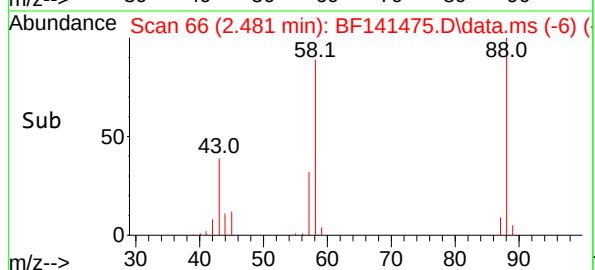
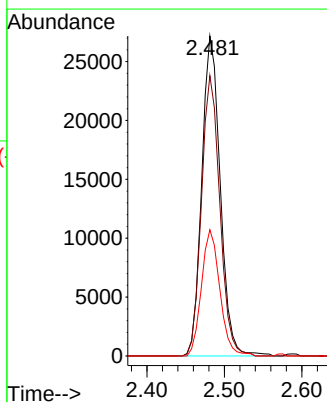
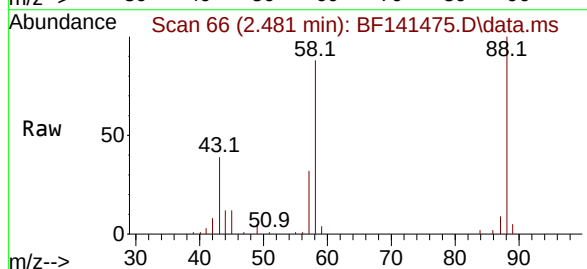
Manual Integrations
APPROVED

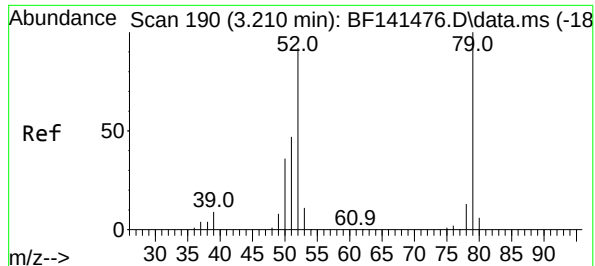
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#2
1,4-Dioxane
Concen: 20.359 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion: 88 Resp: 45027
Ion Ratio Lower Upper
88 100
58 87.1 71.1 106.7
43 39.2 30.6 46.0





#3

Pyridine

Concen: 21.453 ng

RT: 3.211 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 11290

Ion Ratio Lower Upper

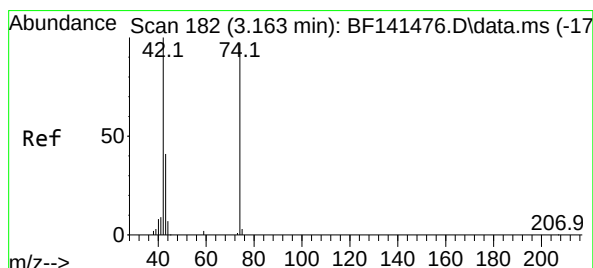
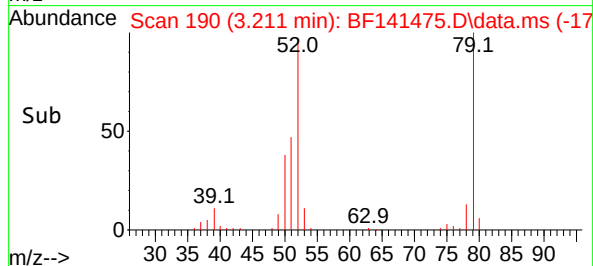
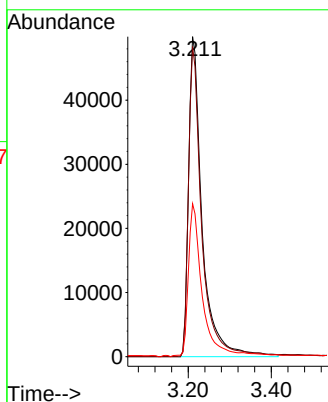
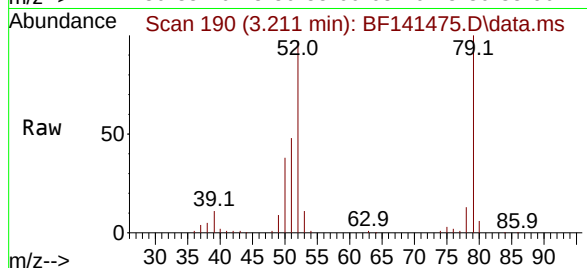
79 100

52 96.9 73.7 110.5

51 47.8 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#4

n-Nitrosodimethylamine

Concen: 20.276 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.035 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

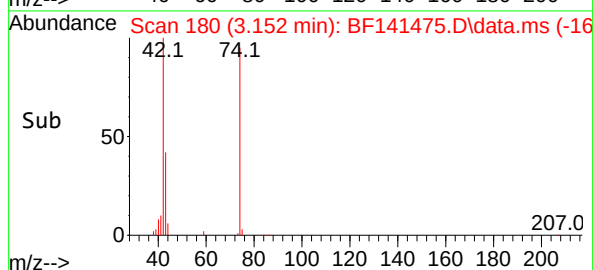
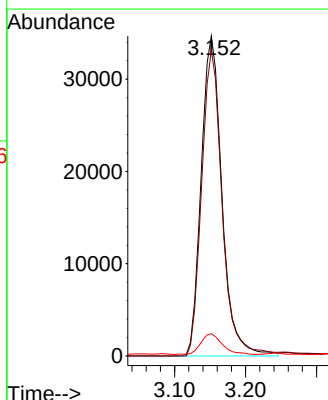
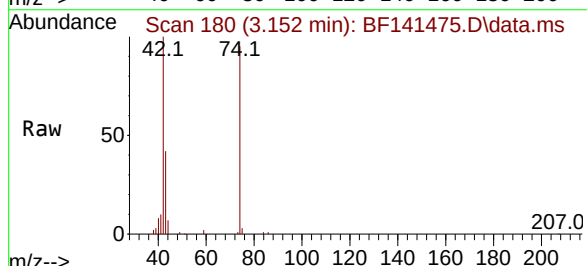
Tgt Ion: 42 Resp: 70658

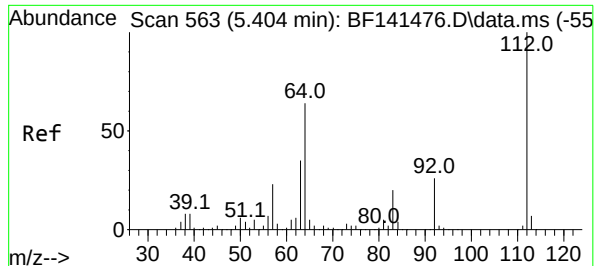
Ion Ratio Lower Upper

42 100

74 95.4 78.0 117.0

44 7.0 5.4 8.2





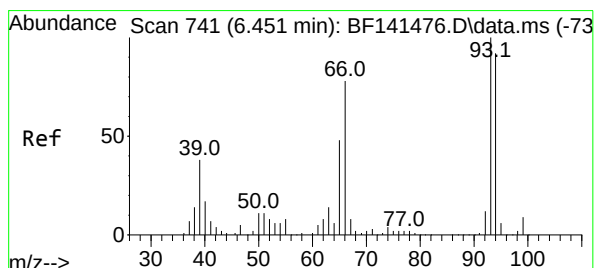
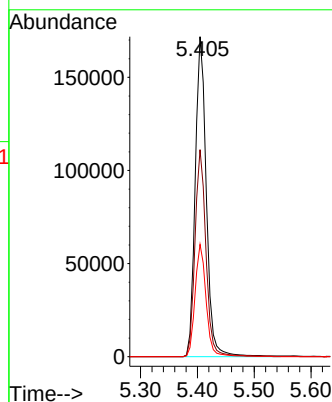
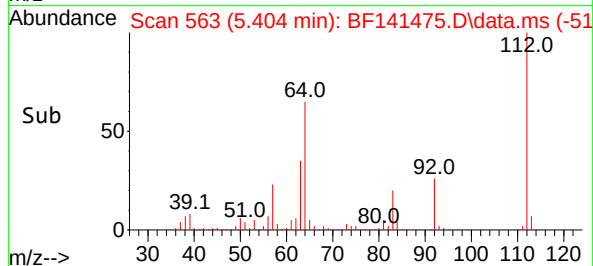
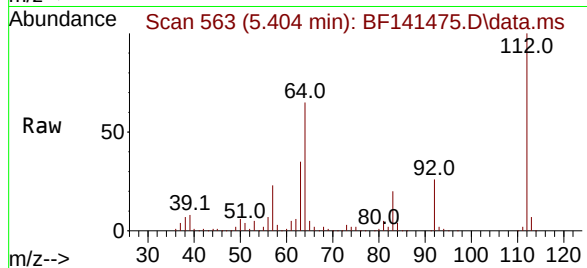
#5
2-Fluorophenol
Concen: 42.785 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 235100
Ion Ratio Lower Upper
112 100
64 64.7 51.1 76.7
63 35.1 28.4 42.6

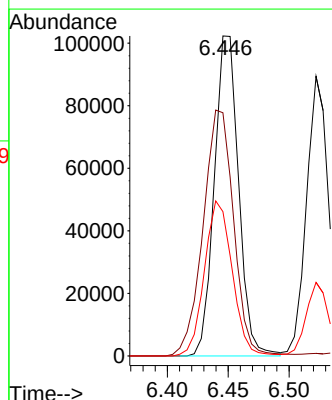
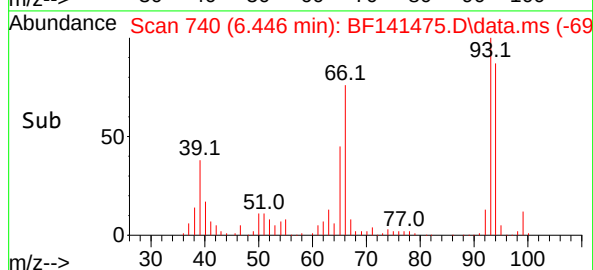
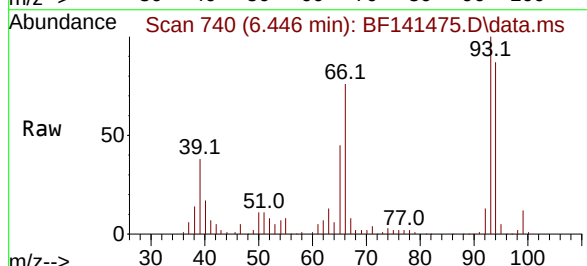
Manual Integrations
APPROVED

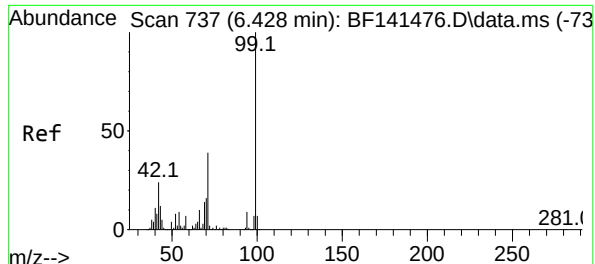
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#6
Aniline
Concen: 21.820 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

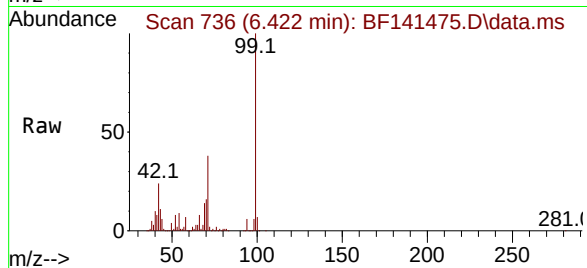
Tgt Ion: 93 Resp: 142156
Ion Ratio Lower Upper
93 100
66 76.0 62.6 94.0
65 45.1 38.3 57.5





#7
Phenol-d6
Concen: 42.273 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

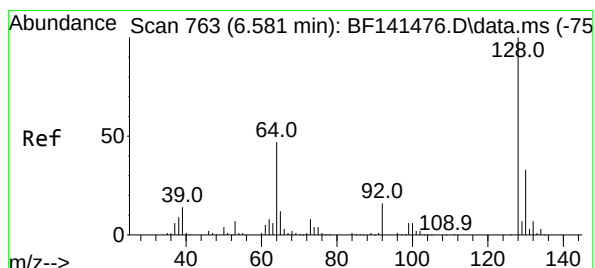
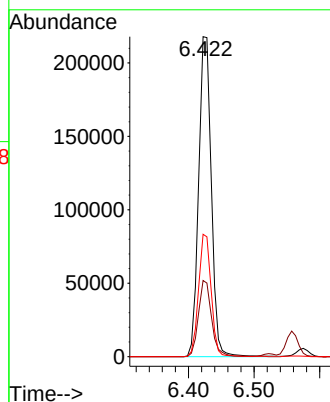
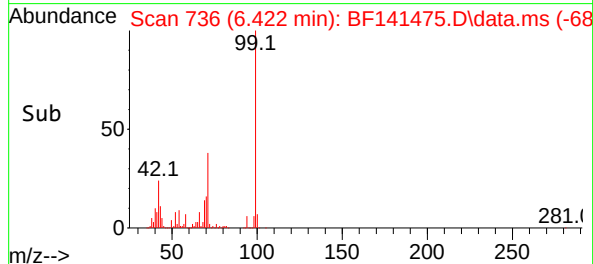
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 29360
Ion Ratio Lower Upper
99 100
42 23.8 19.1 28.7
71 38.2 31.1 46.7

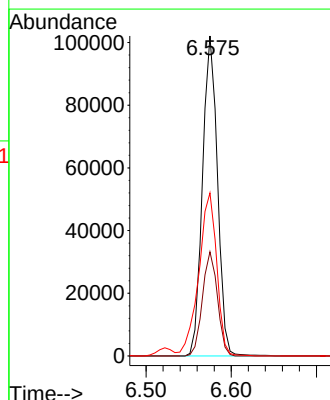
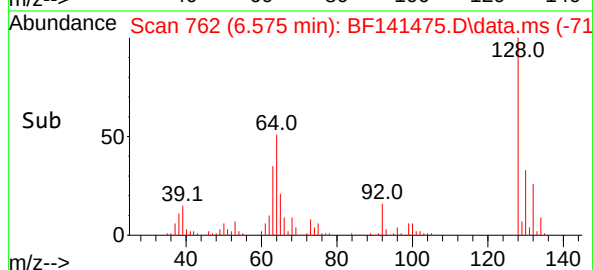
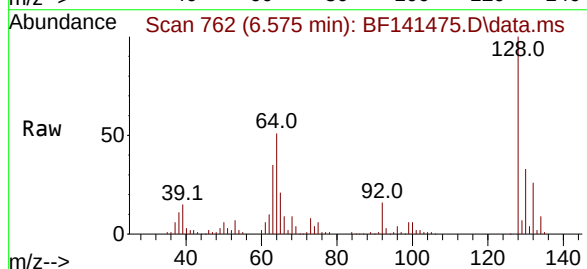
Manual Integrations
APPROVED

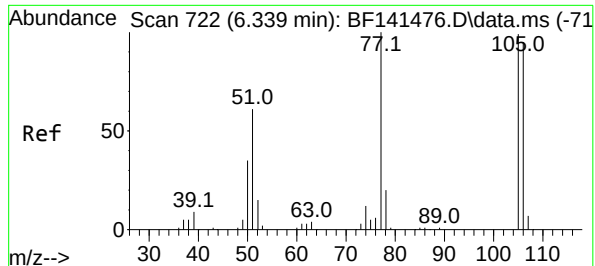
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#8
2-Chlorophenol
Concen: 20.980 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:128 Resp: 124573
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 50.9 28.3 68.3





#9

Benzaldehyde

Concen: 22.903 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 8453

Ion Ratio Lower Upper

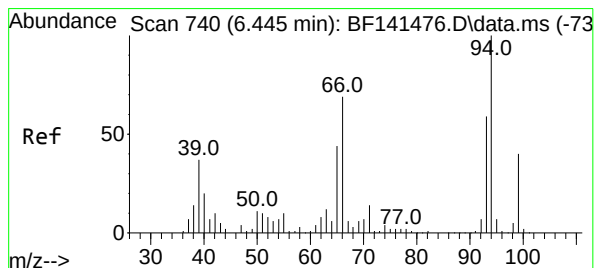
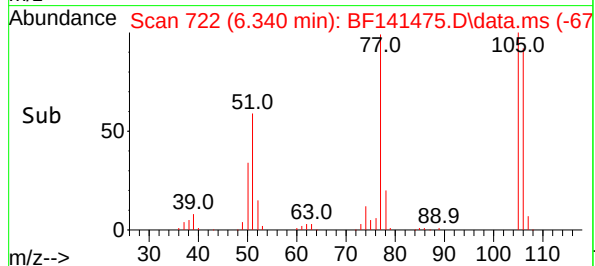
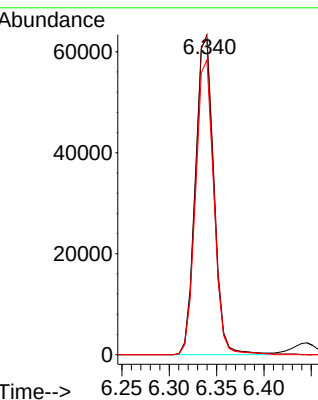
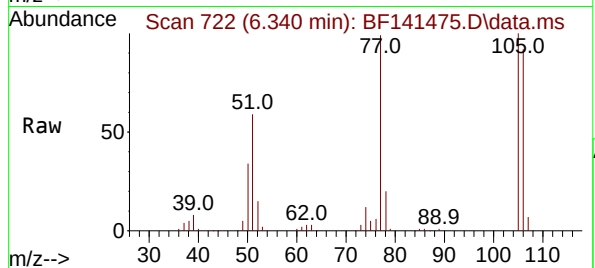
77 100

105 101.4 79.4 119.4

106 93.4 75.1 115.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#10

Phenol

Concen: 21.652 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

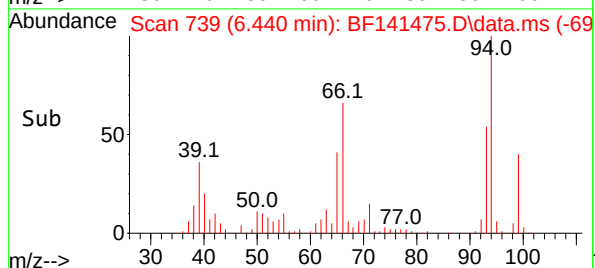
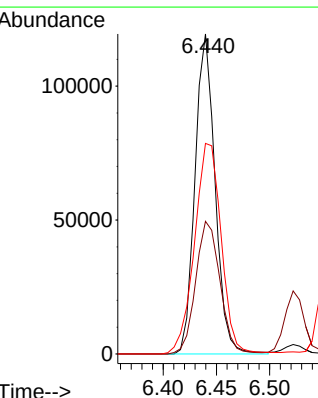
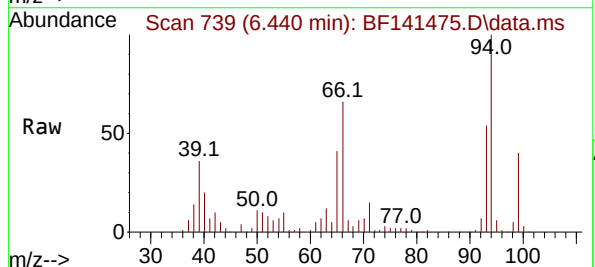
Tgt Ion: 94 Resp: 156515

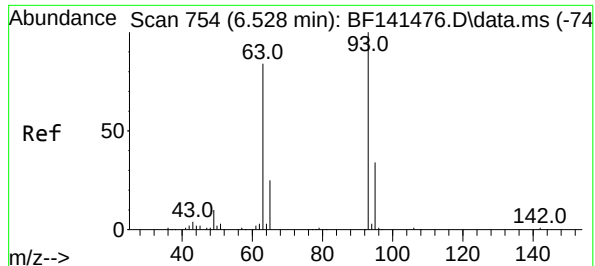
Ion Ratio Lower Upper

94 100

65 41.5 23.7 63.7

66 65.8 49.3 89.3





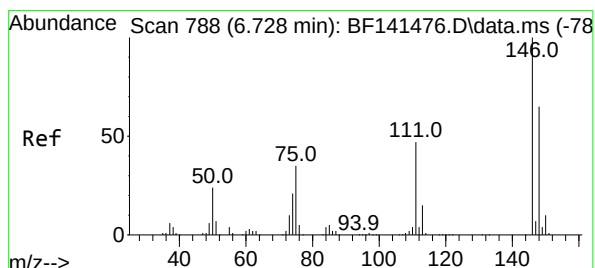
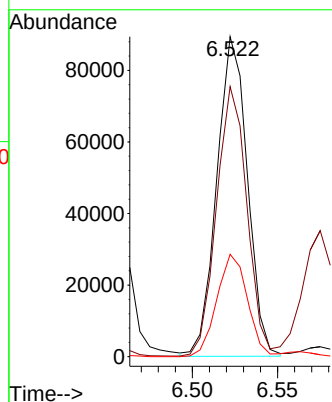
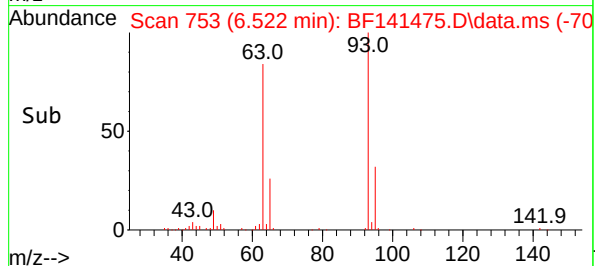
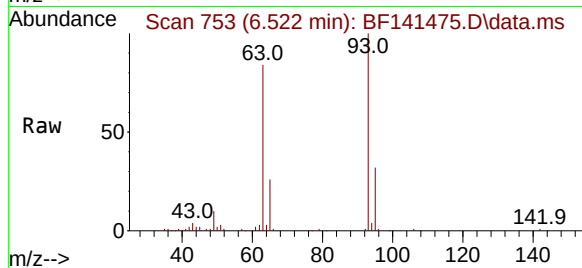
#11
bis(2-Chloroethyl)ether
Concen: 20.568 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 11167
Ion Ratio Lower Upper
93 100
63 84.4 62.0 102.0
95 32.0 12.6 52.6

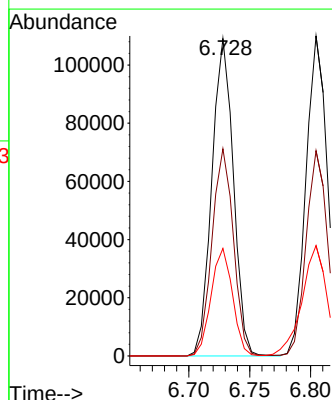
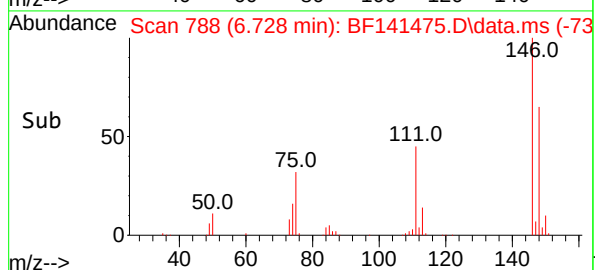
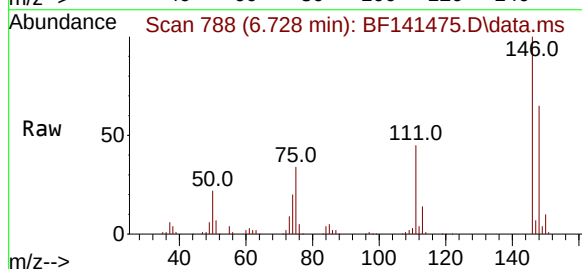
Manual Integrations
APPROVED

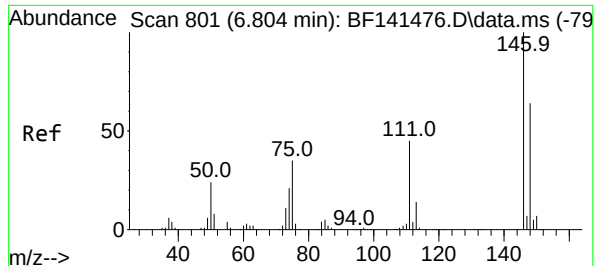
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#12
1,3-Dichlorobenzene
Concen: 21.362 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:146 Resp: 133906
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 33.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 21.134 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 13535

Ion Ratio Lower Upper

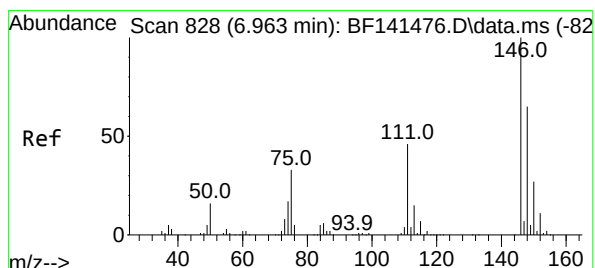
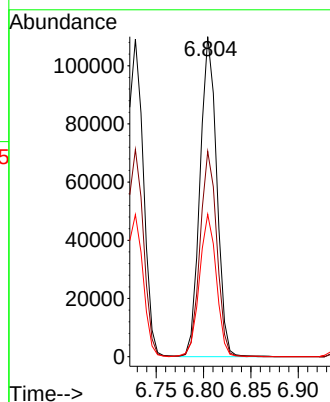
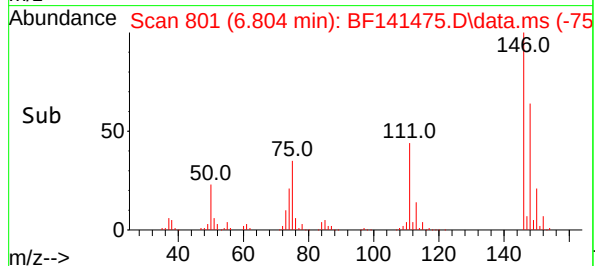
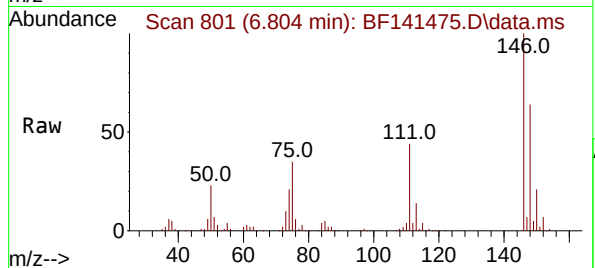
146 100

148 64.2 50.9 76.3

111 44.5 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#14

1,2-Dichlorobenzene

Concen: 21.354 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

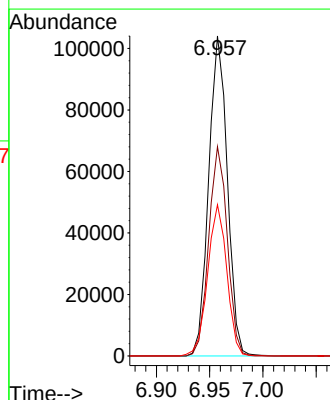
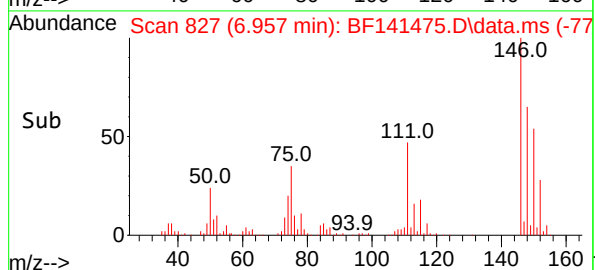
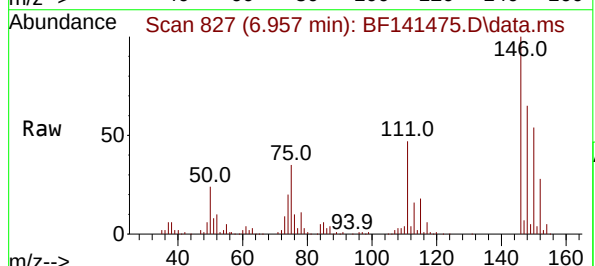
Tgt Ion:146 Resp: 126931

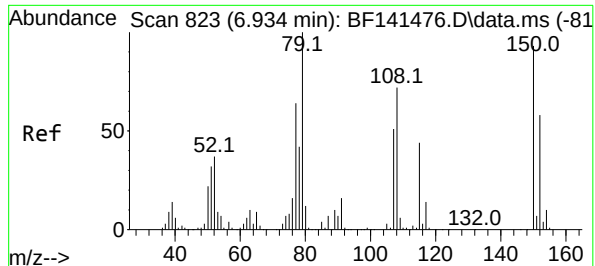
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

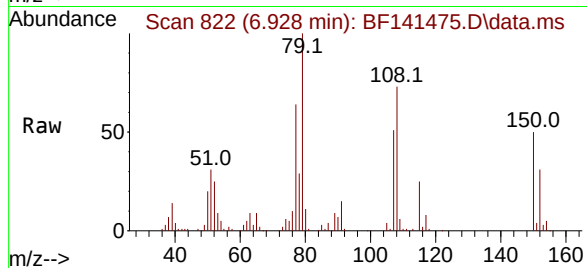
111 47.3 37.0 55.4





#15
Benzyl Alcohol
Concen: 21.386 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

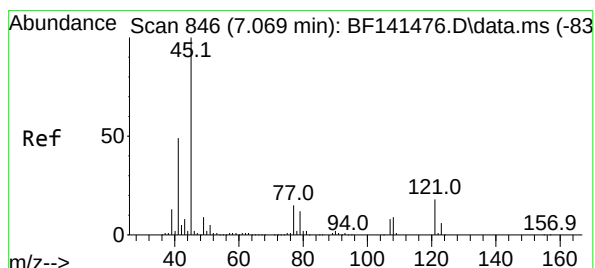
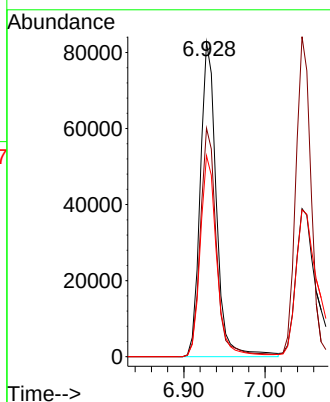
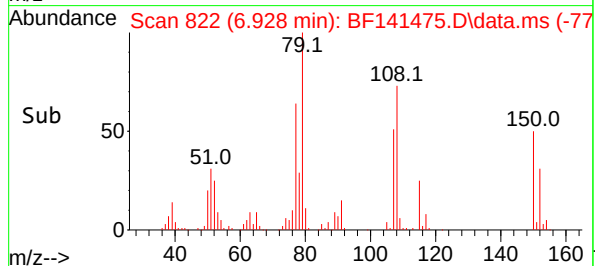
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 11390
Ion Ratio Lower Upper
79 100
108 72.6 57.4 86.2
77 63.9 50.9 76.3

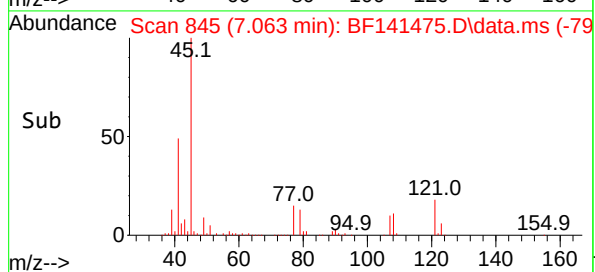
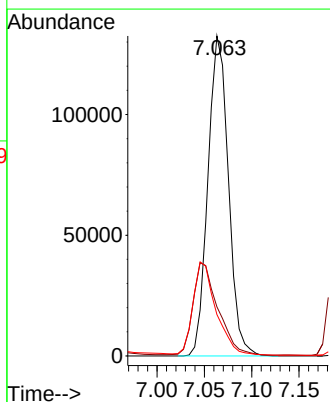
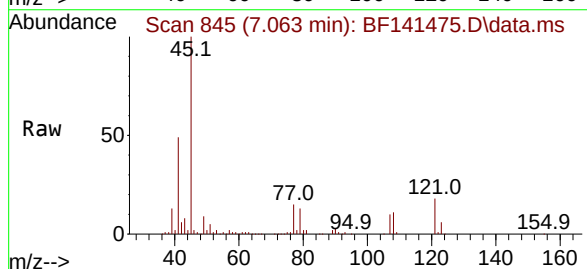
Manual Integrations
APPROVED

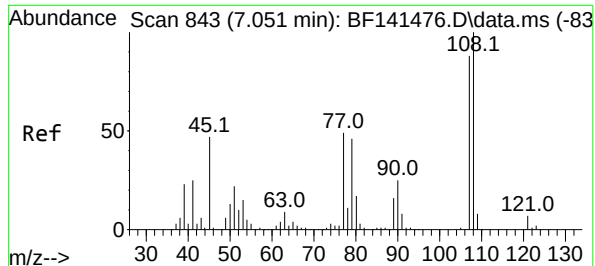
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.441 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion: 45 Resp: 199281
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.8
79 12.9 0.0 32.7





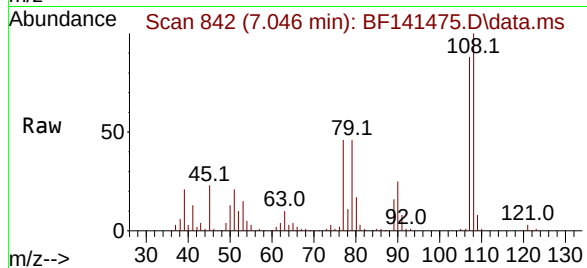
#17
2-Methylphenol
Concen: 20.792 ng
RT: 7.046 min Scan# 843
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

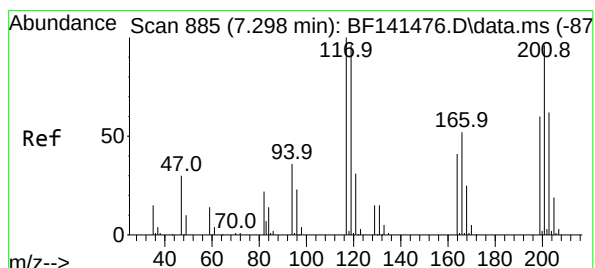
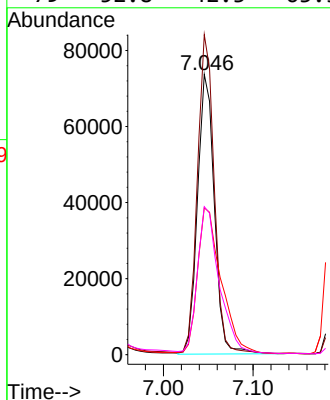
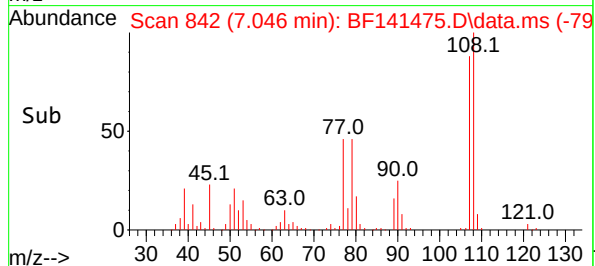


Tgt Ion:107 Resp: 9660
Ion Ratio Lower Upper
107 100
108 114.2 90.6 136.0
77 52.4 44.4 66.6
79 52.8 42.3 63.5

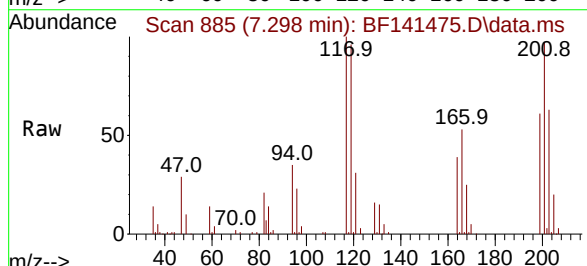
Manual Integrations

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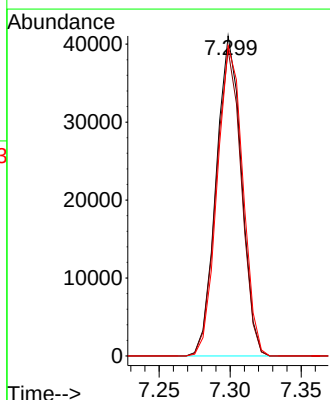
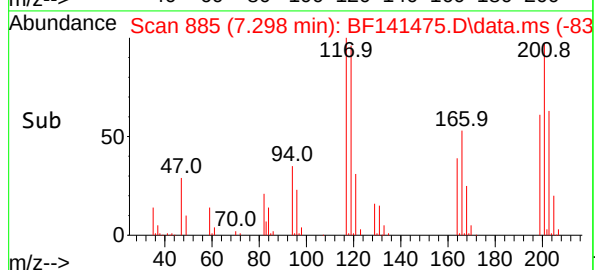
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

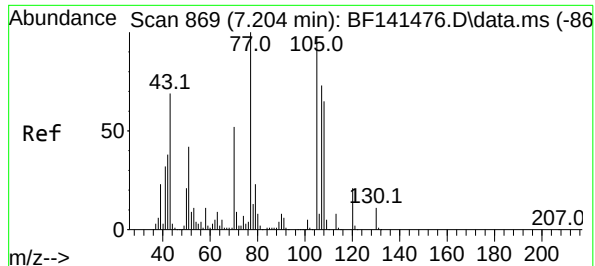


#18
Hexachloroethane
Concen: 21.409 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



Tgt Ion:117 Resp: 50745
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
201 97.0 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 21.546 ng

RT: 7.199 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 8951

Ion Ratio Lower Upper

70 100

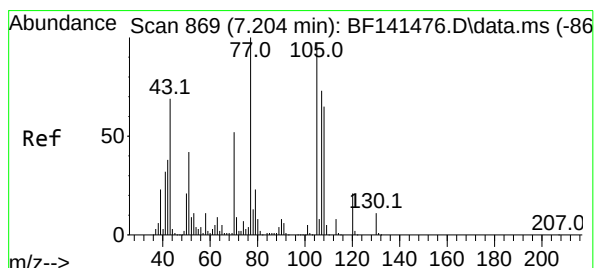
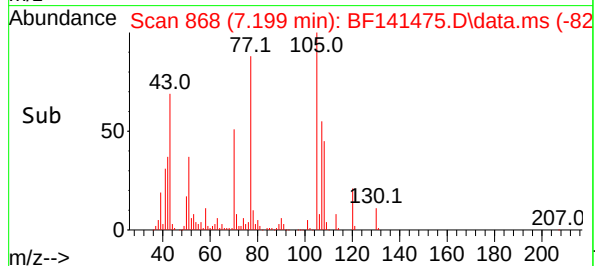
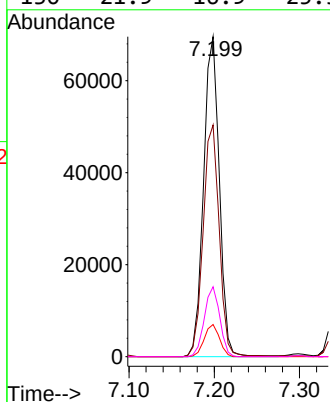
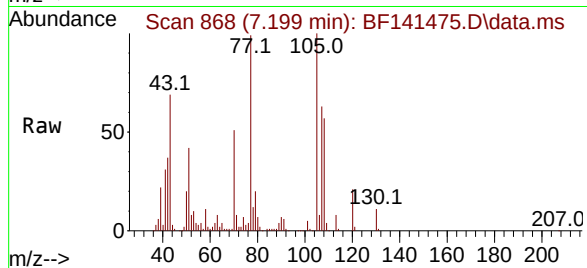
42 72.4 57.4 86.2

101 10.0 8.0 12.0

130 21.9 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#20

3+4-Methylphenols

Concen: 21.287 ng

RT: 7.199 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Tgt Ion:107 Resp: 125707

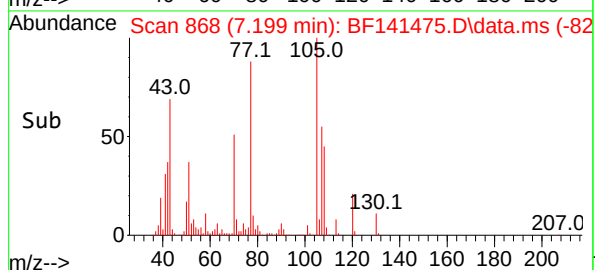
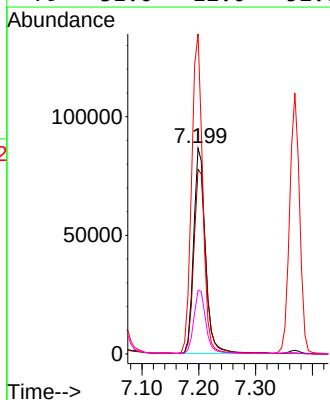
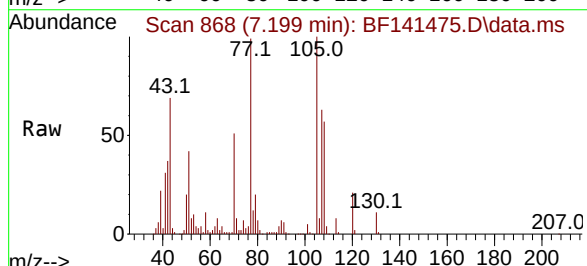
Ion Ratio Lower Upper

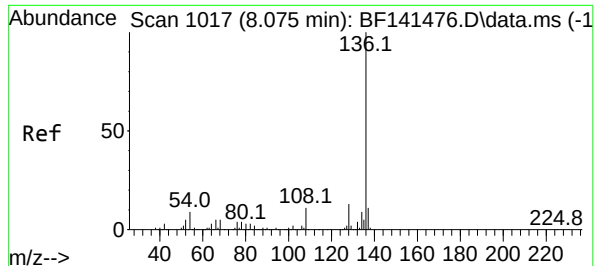
107 100

108 89.7 68.5 108.5

77 155.6 116.5 156.5

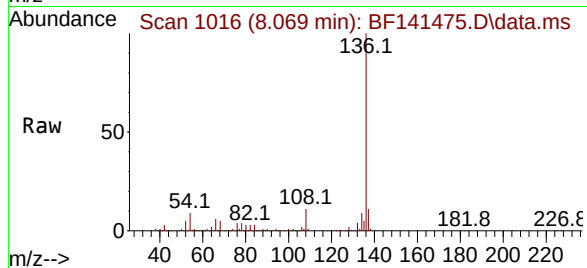
79 31.0 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

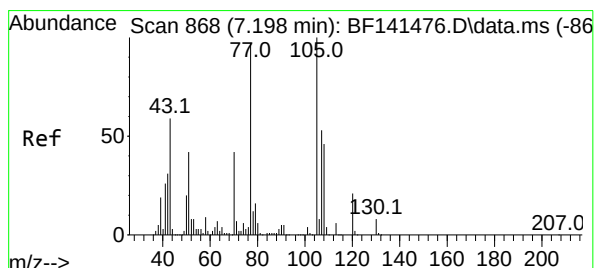
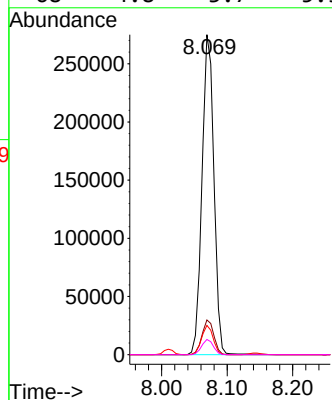
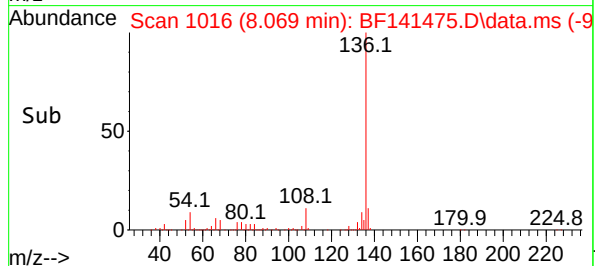
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 34801
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.2 10.8
68 4.8 3.7 5.5

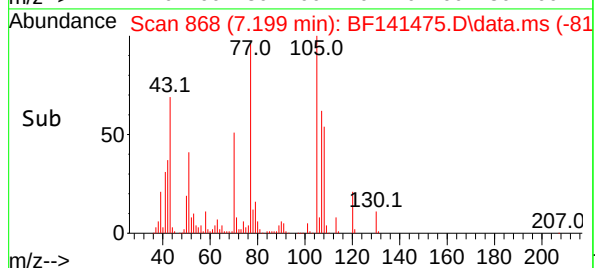
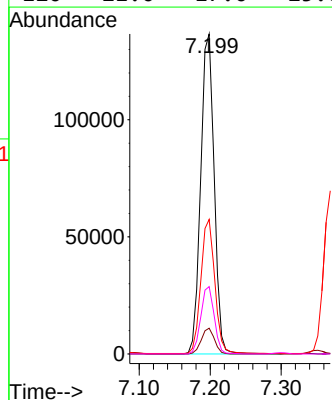
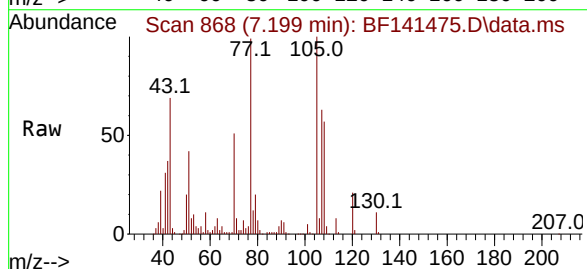
Manual Integrations
APPROVED

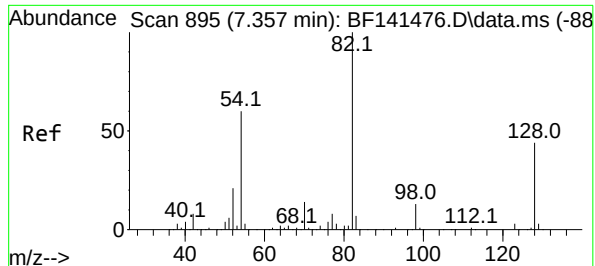
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#22
Acetophenone
Concen: 20.946 ng
RT: 7.199 min Scan# 868
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:105 Resp: 181333
Ion Ratio Lower Upper
105 100
71 8.0 5.7 8.5
51 42.0 33.7 50.5
120 21.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 41.331 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 27577

Ion Ratio Lower Upper

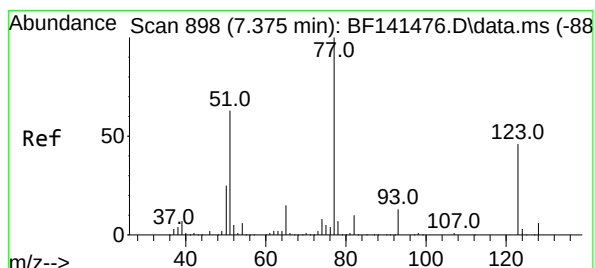
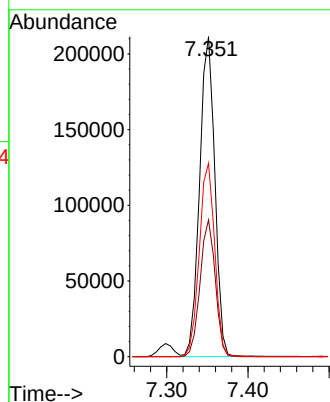
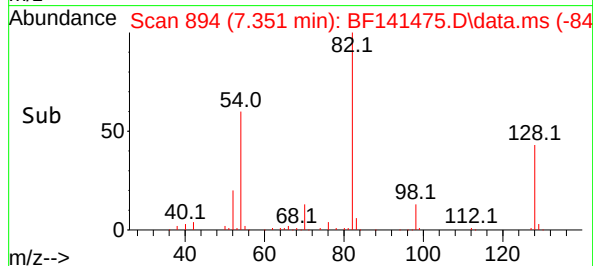
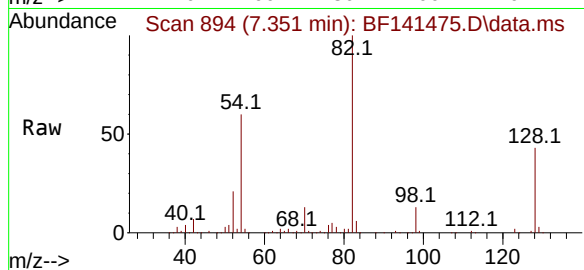
82 100

128 42.7 34.8 52.2

54 60.5 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#24

Nitrobenzene

Concen: 20.485 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

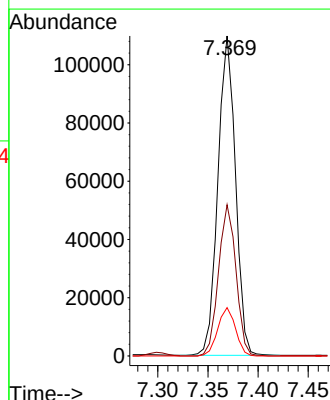
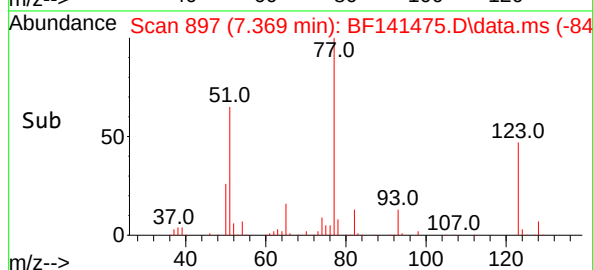
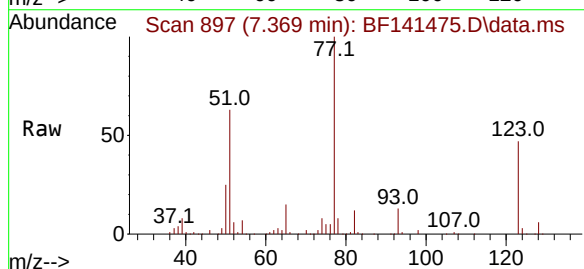
Tgt Ion: 77 Resp: 133285

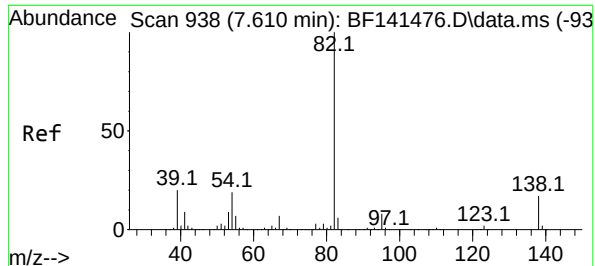
Ion Ratio Lower Upper

77 100

123 47.3 36.9 55.3

65 15.1 11.9 17.9





#25
Isophorone
Concen: 20.706 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

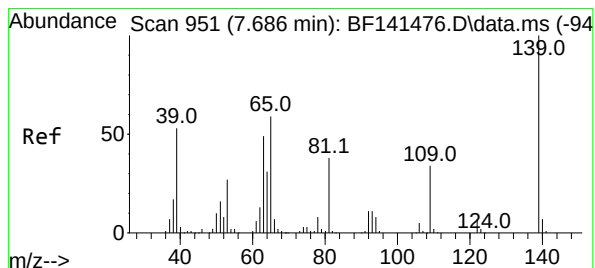
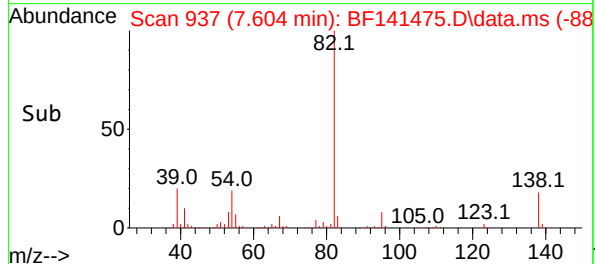
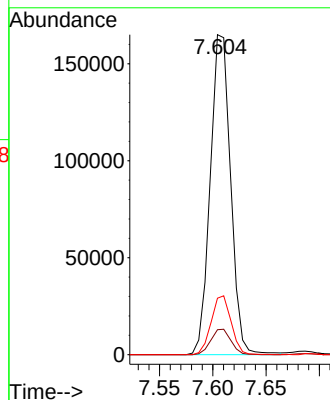
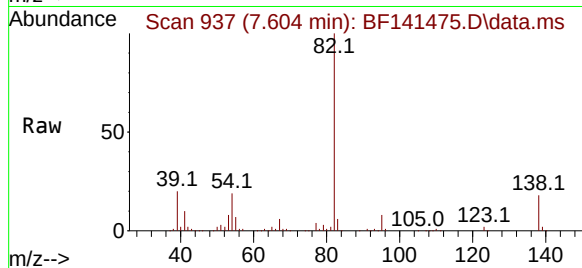
SSTDICC020

Tgt Ion: 82 Resp: 22029
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.9 20.9

Manual Integrations

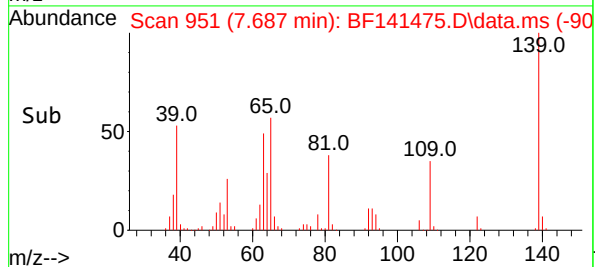
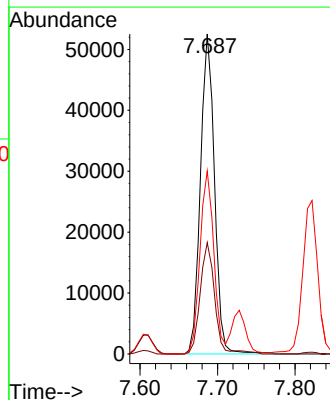
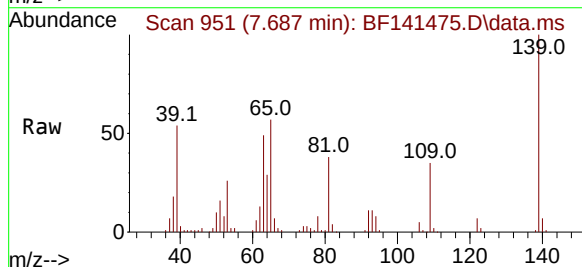
APPROVED

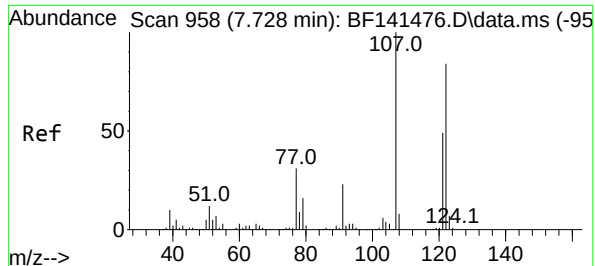
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#26
2-Nitrophenol
Concen: 20.449 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:139 Resp: 66195
Ion Ratio Lower Upper
139 100
109 34.8 27.0 40.6
65 57.2 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 20.296 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

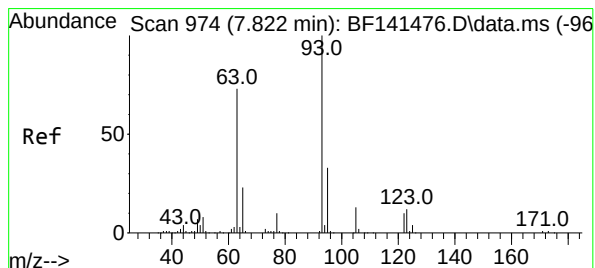
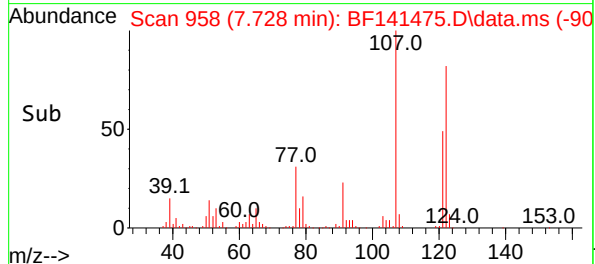
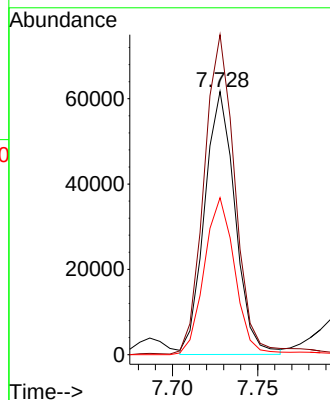
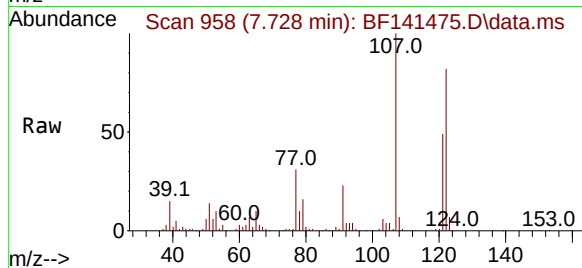
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.6	94.3	141.5
121	59.6	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.852 ng

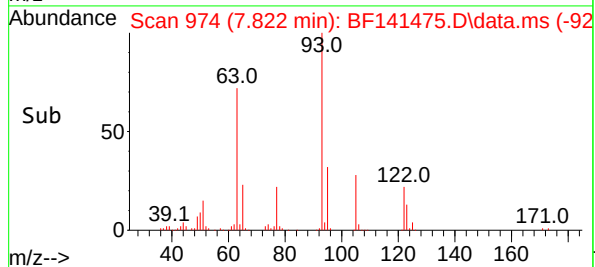
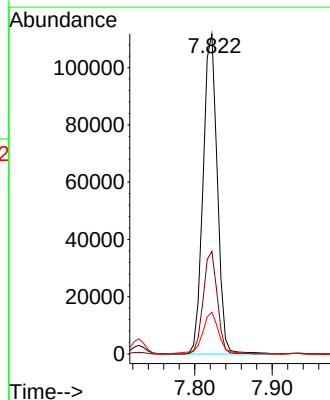
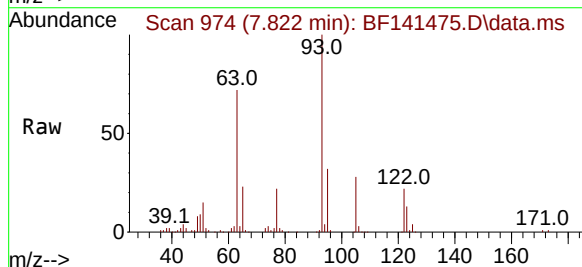
RT: 7.822 min Scan# 974

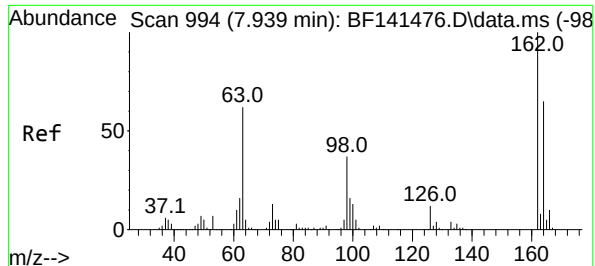
Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	13.0	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 21.227 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 108450

Ion Ratio Lower Upper

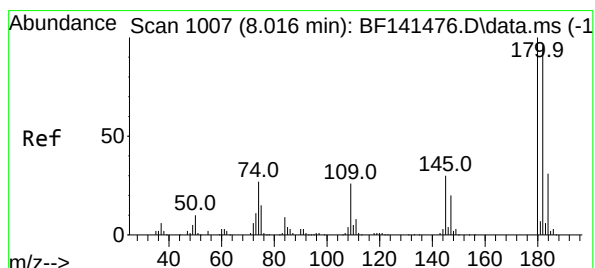
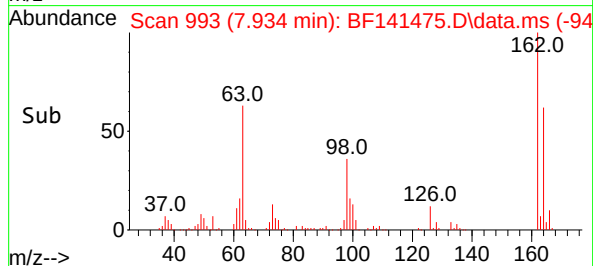
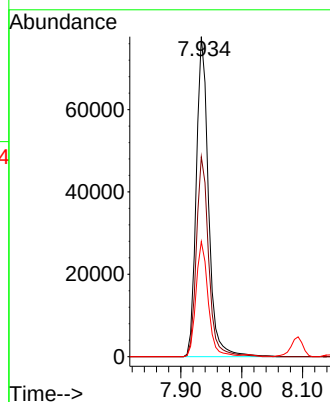
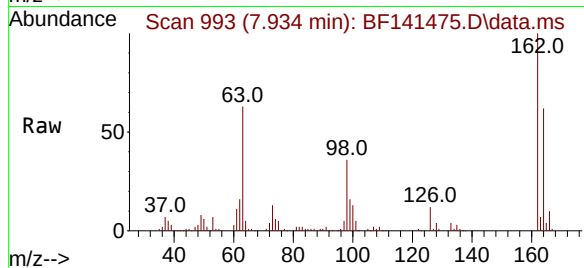
162 100

164 62.4 44.6 84.6

98 36.0 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#30

1,2,4-Trichlorobenzene

Concen: 20.678 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

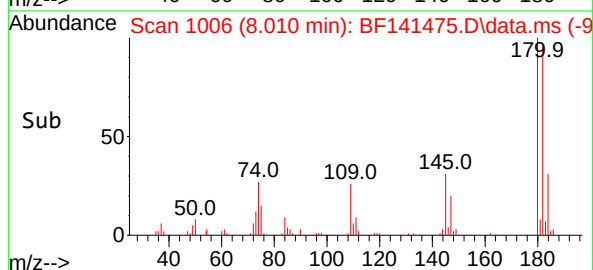
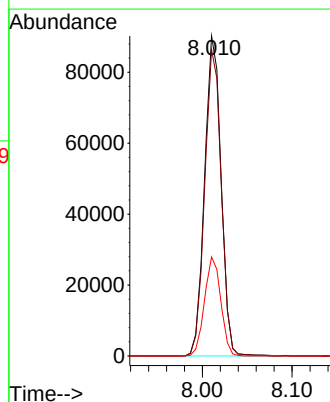
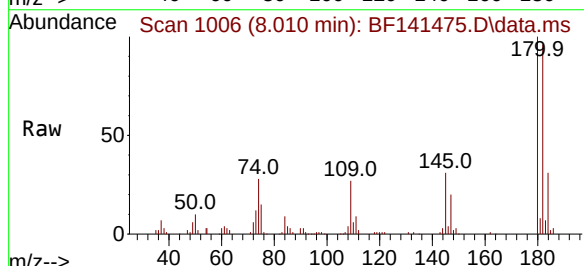
Tgt Ion:180 Resp: 115050

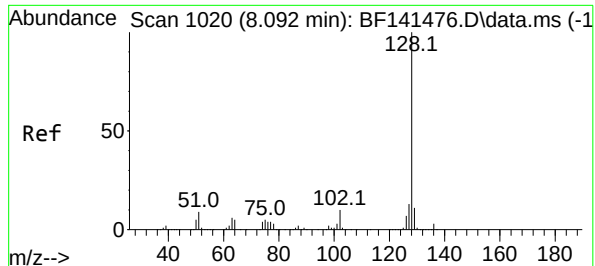
Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

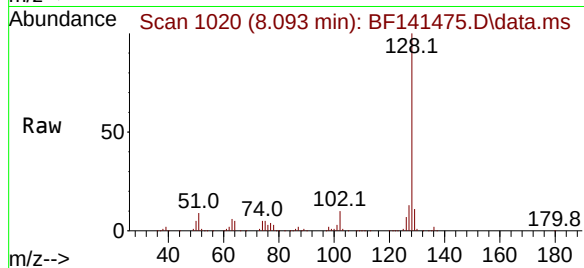
145 31.0 24.2 36.4





#31
Naphthalene
Concen: 21.062 ng
RT: 8.093 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

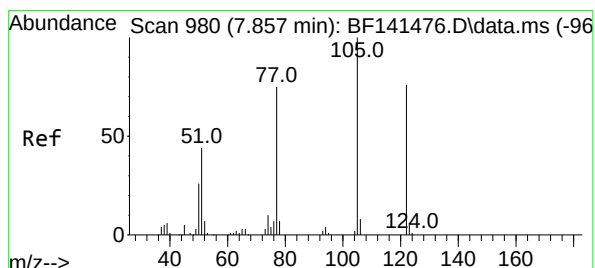
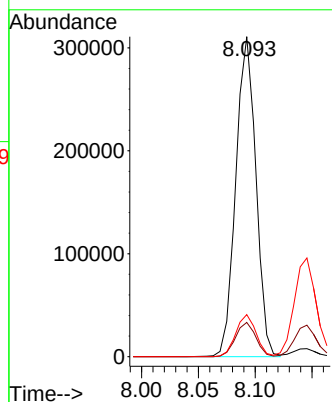
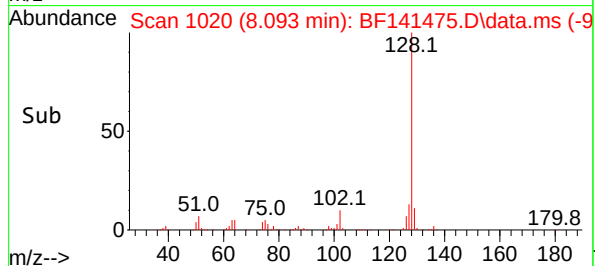
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 38154
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.2 10.7 16.1

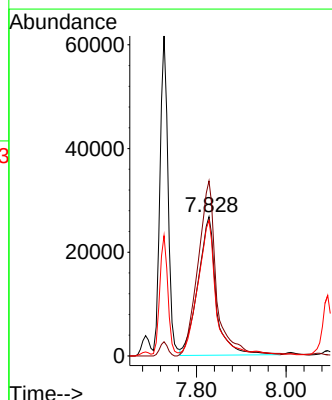
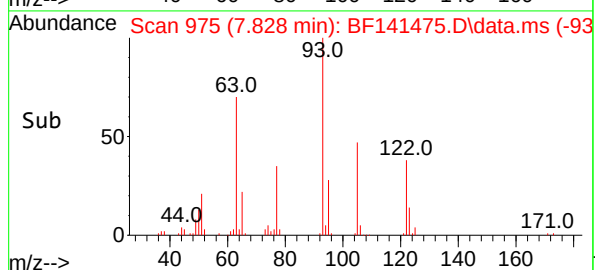
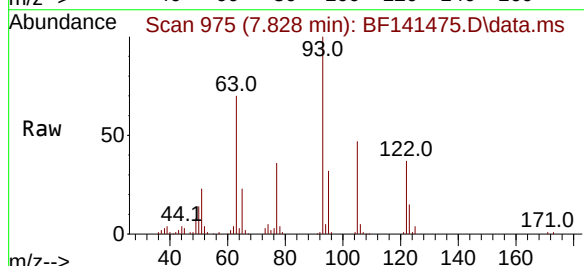
Manual Integrations
APPROVED

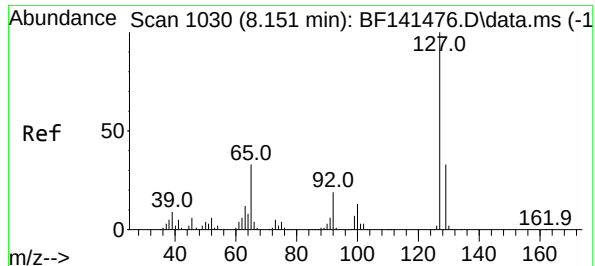
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#32
Benzoic acid
Concen: 19.212 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:122 Resp: 75462
Ion Ratio Lower Upper
122 100
105 125.8 106.5 146.5
77 97.6 76.3 116.3





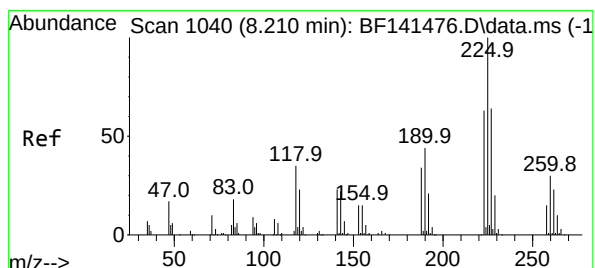
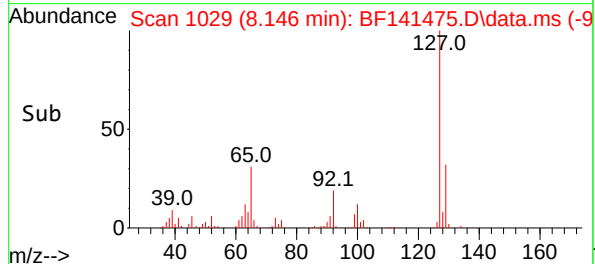
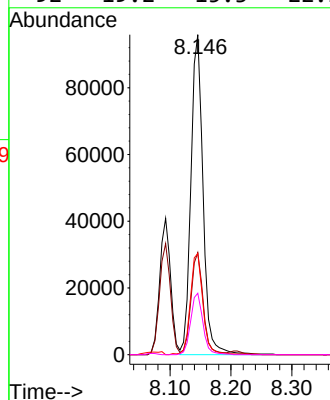
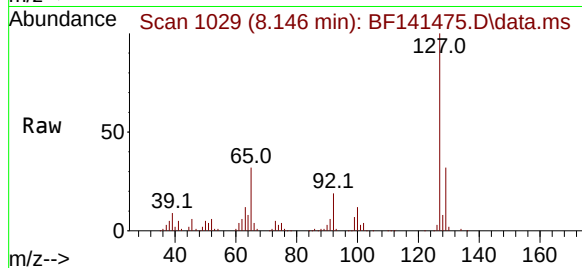
#33
4-Chloroaniline
Concen: 21.014 ng
RT: 8.146 min Scan# 1029
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 13291
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7
65 31.6 26.4 39.6
92 19.2 15.3 22.9

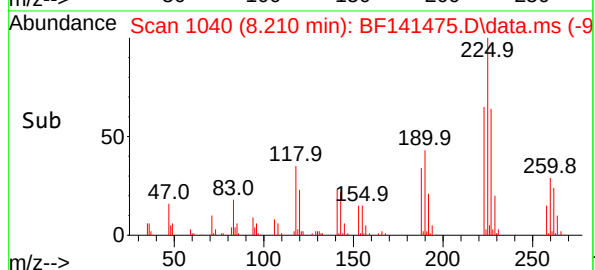
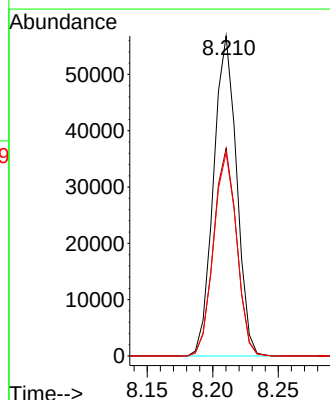
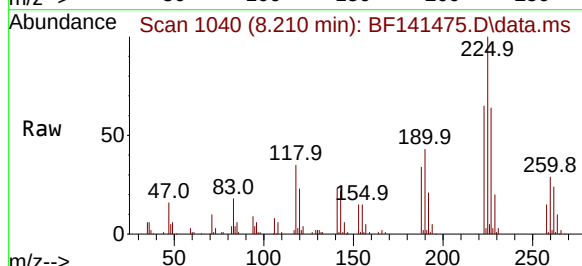
Manual Integrations
APPROVED

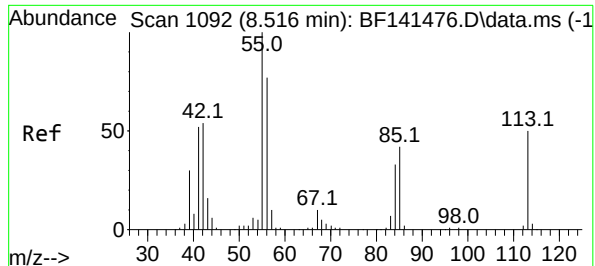
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#34
Hexachlorobutadiene
Concen: 20.804 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:225 Resp: 69492
Ion Ratio Lower Upper
225 100
223 64.9 50.1 75.1
227 63.5 51.0 76.6





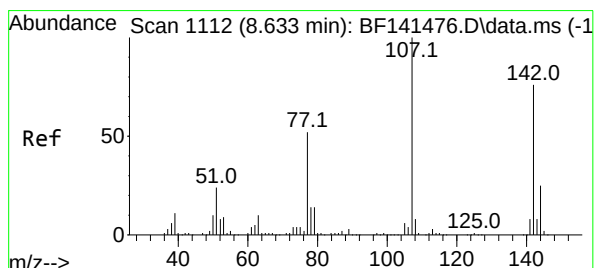
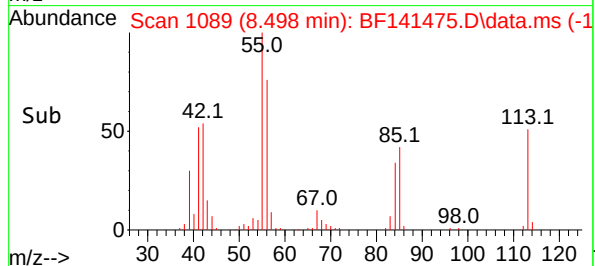
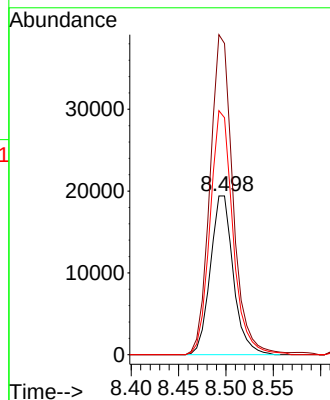
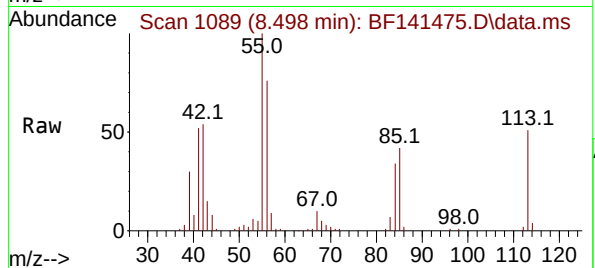
#35
Caprolactam
Concen: 21.050 ng
RT: 8.498 min Scan# 1089
Delta R.T. -0.047 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 32740
Ion Ratio Lower Upper
113 100
55 196.0 180.8 220.8
56 149.2 133.6 173.6

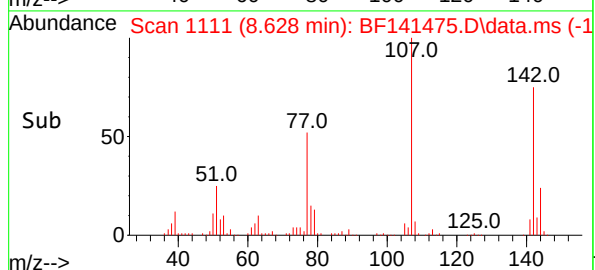
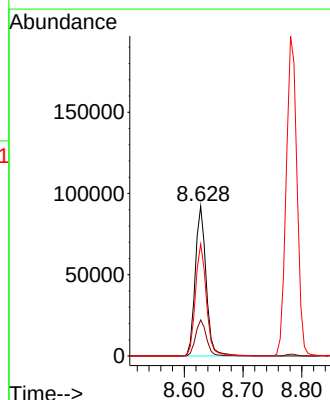
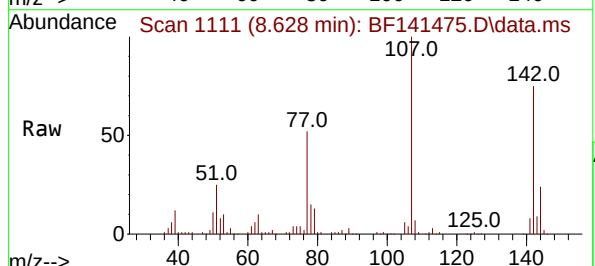
Manual Integrations
APPROVED

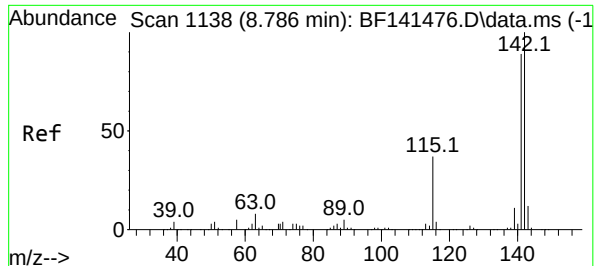
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#36
4-Chloro-3-methylphenol
Concen: 21.029 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:107 Resp: 119021
Ion Ratio Lower Upper
107 100
144 24.1 19.7 29.5
142 74.7 60.8 91.2





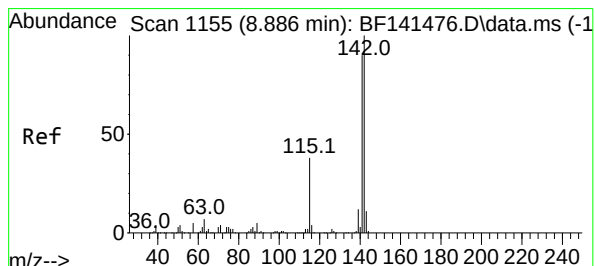
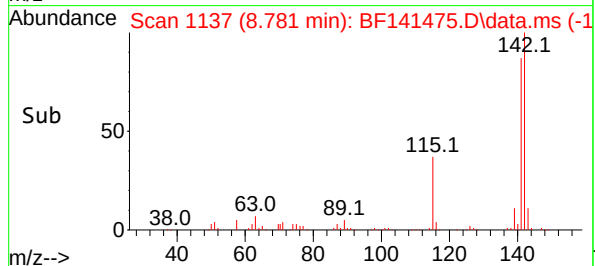
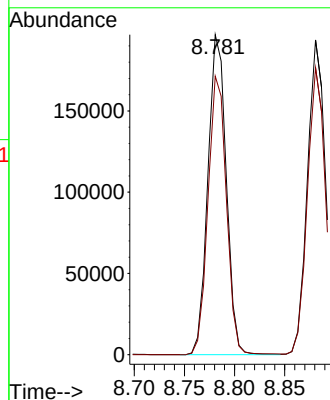
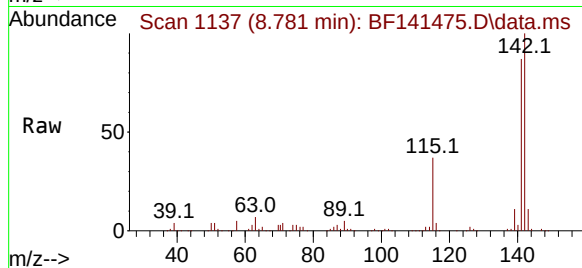
#37
2-Methylnaphthalene
Concen: 21.238 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 25036
Ion Ratio Lower Upper
142 100
141 87.0 71.2 106.8

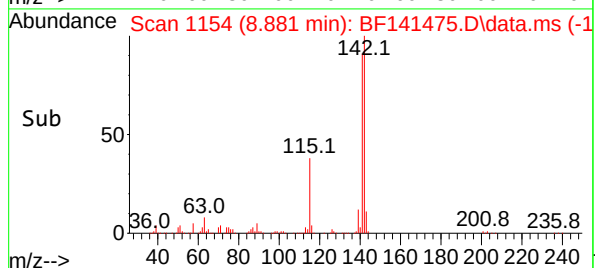
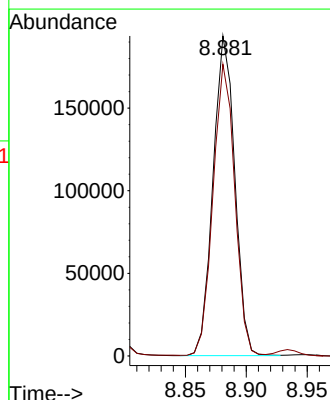
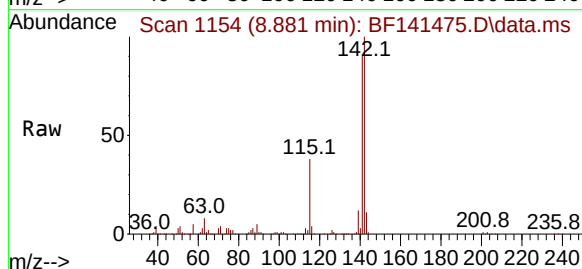
Manual Integrations
APPROVED

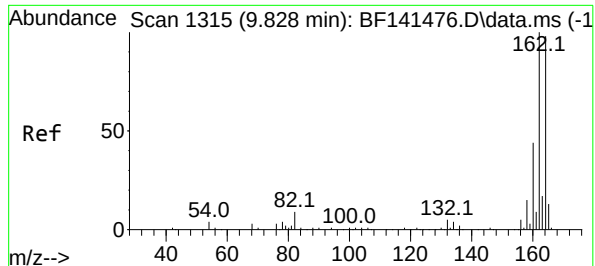
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#38
1-Methylnaphthalene
Concen: 21.056 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:142 Resp: 240408
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141475.D

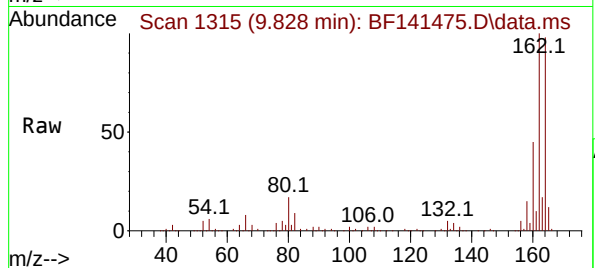
Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 19309

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

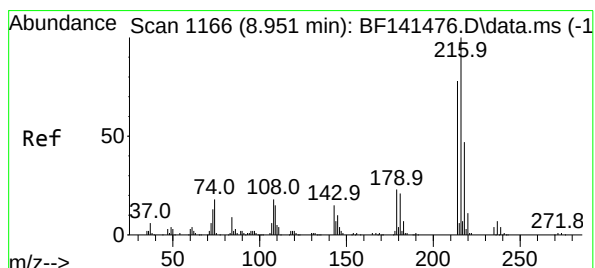
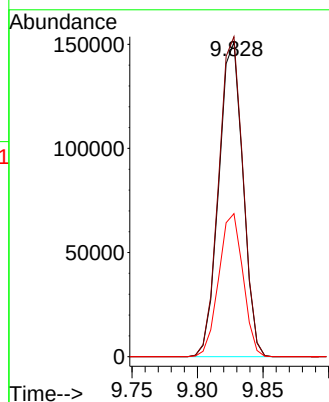
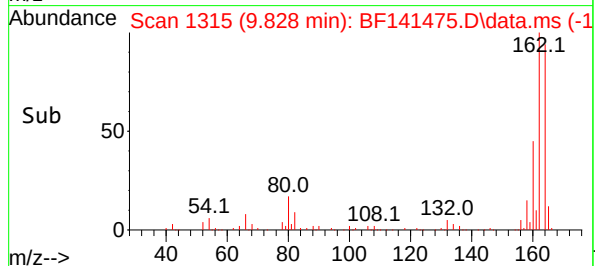
160 45.5 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#40

1,2,4,5-Tetrachlorobenzene

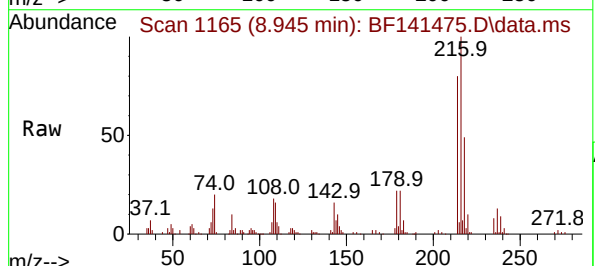
Concen: 20.753 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26



Tgt Ion:216 Resp: 115936

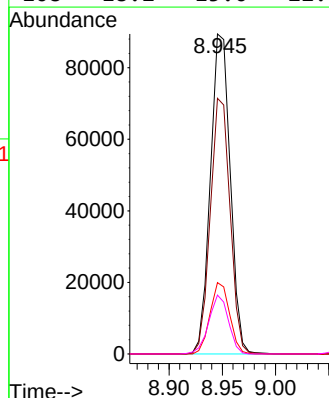
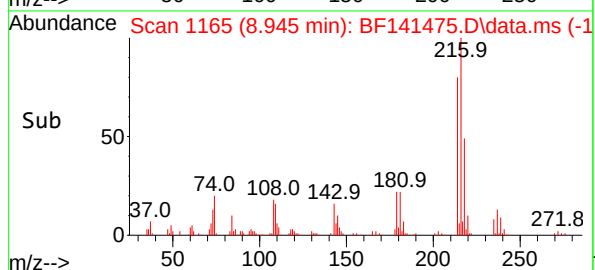
Ion Ratio Lower Upper

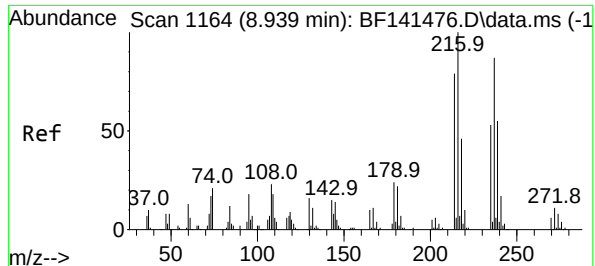
216 100

214 79.3 62.3 93.5

179 21.9 18.0 27.0

108 18.2 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 18.691 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.005 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:237 Resp: 34729

Ion Ratio Lower Upper

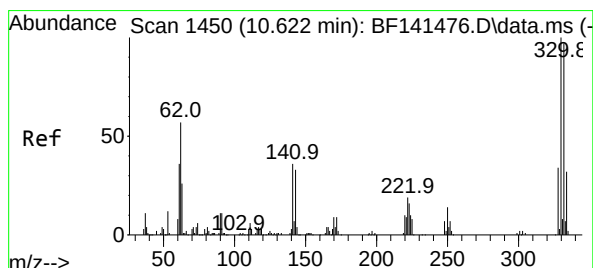
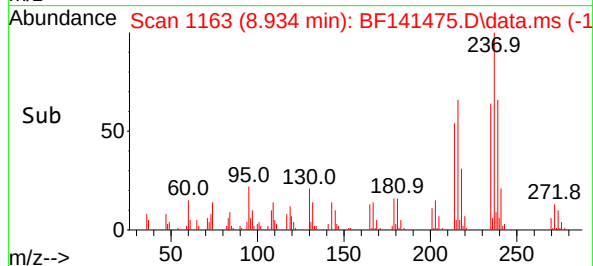
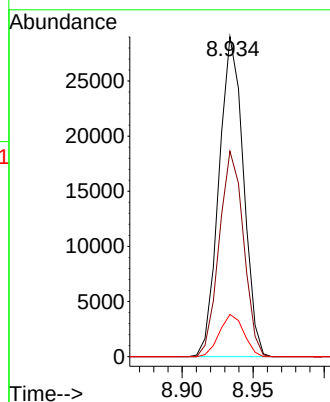
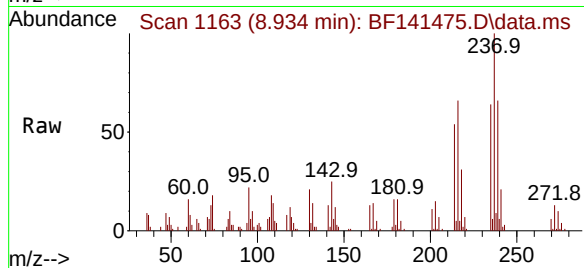
237 100

235 64.2 41.4 81.4

272 13.2 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#42

2,4,6-Tribromophenol

Concen: 41.714 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

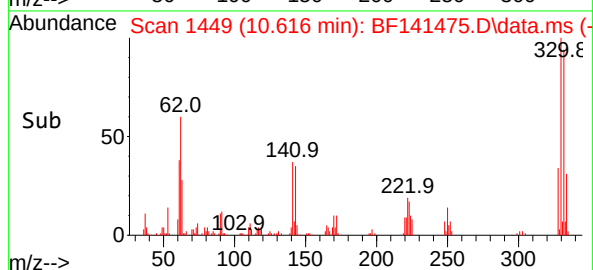
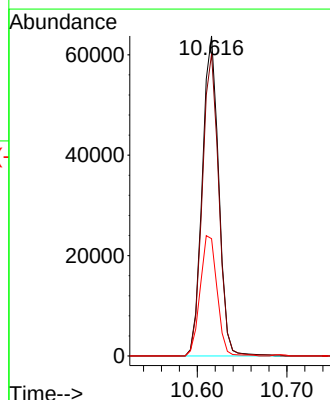
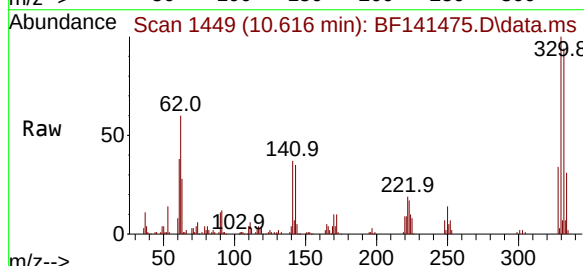
Tgt Ion:330 Resp: 80912

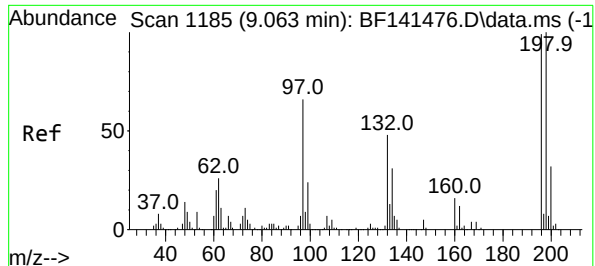
Ion Ratio Lower Upper

330 100

332 94.7 78.5 117.7

141 38.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 20.817 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141475.D

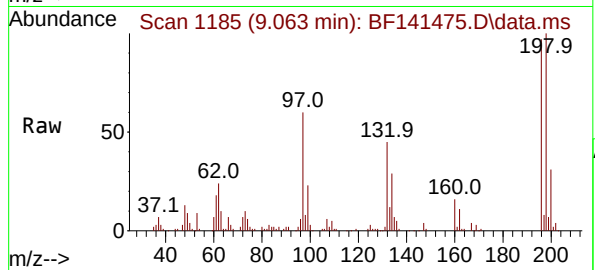
Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 7516

Ion Ratio Lower Upper

196 100

198 103.2 80.6 121.0

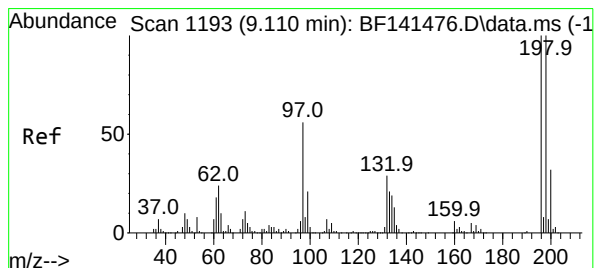
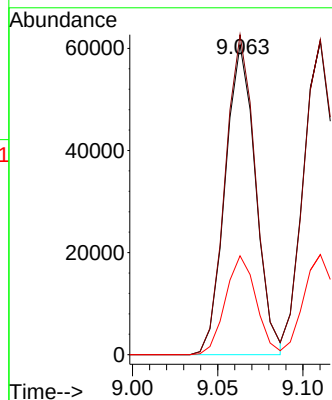
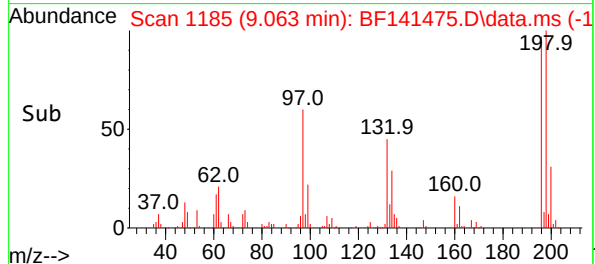
200 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#44

2,4,5-Trichlorophenol

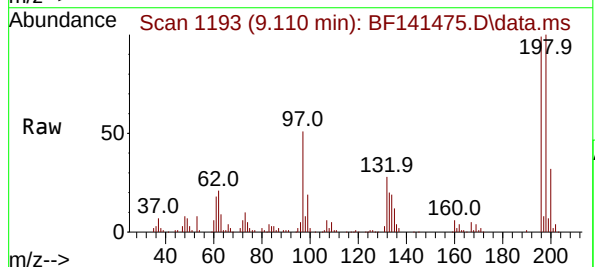
Concen: 21.240 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26



Tgt Ion:196 Resp: 83112

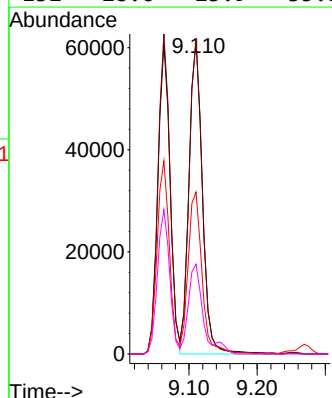
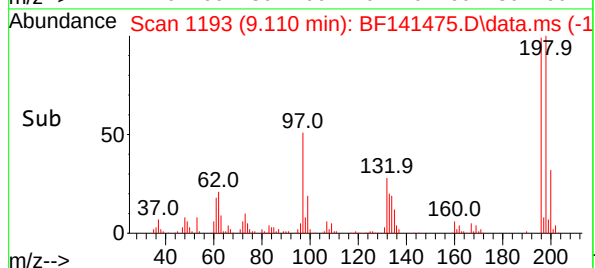
Ion Ratio Lower Upper

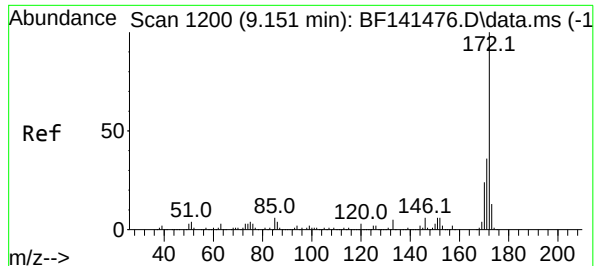
196 100

198 100.6 79.8 119.8

97 51.7 44.8 67.2

132 28.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 42.674 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 53484

Ion Ratio Lower Upper

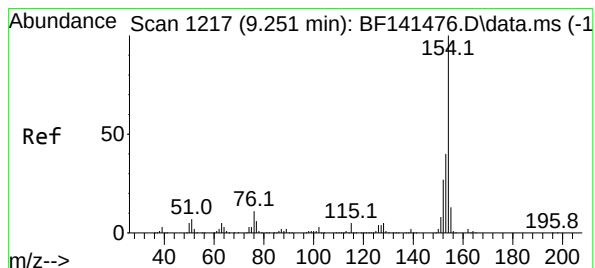
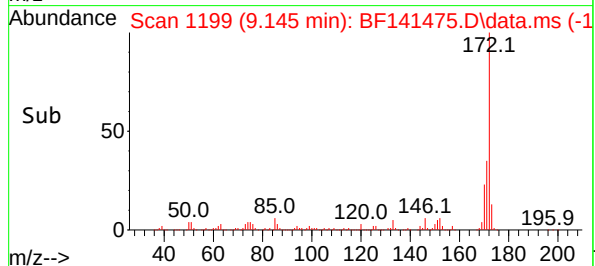
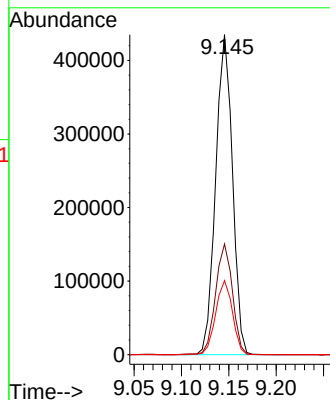
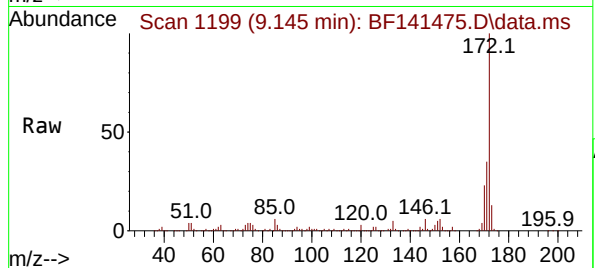
172 100

171 34.6 28.7 43.1

170 23.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#46

1,1'-Biphenyl

Concen: 21.045 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

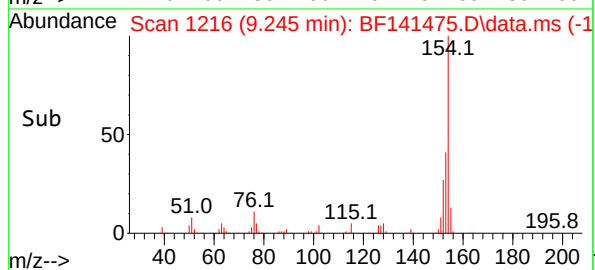
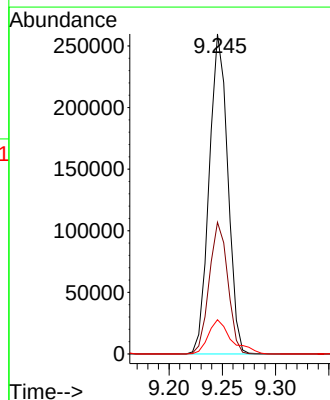
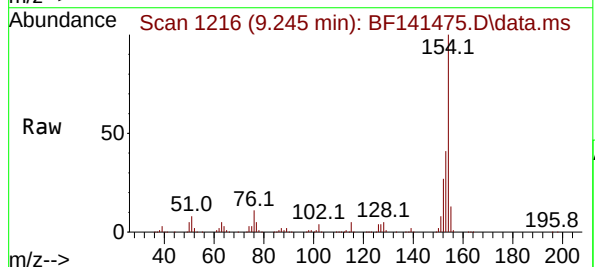
Tgt Ion:154 Resp: 315040

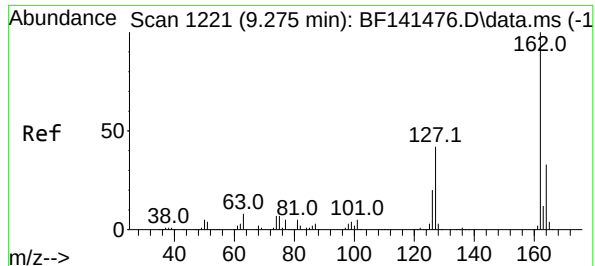
Ion Ratio Lower Upper

154 100

153 41.2 20.4 60.4

76 10.7 0.0 30.8





#47

2-Chloronaphthalene

Concen: 21.119 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 233789

Ion Ratio Lower Upper

162 100

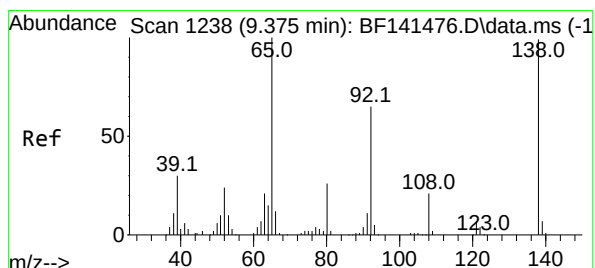
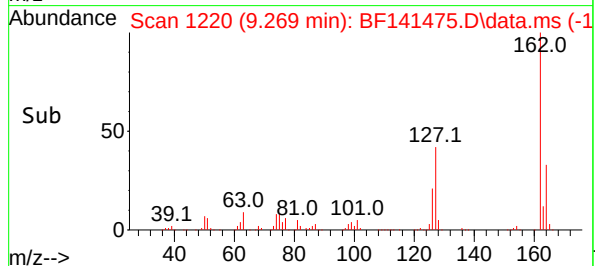
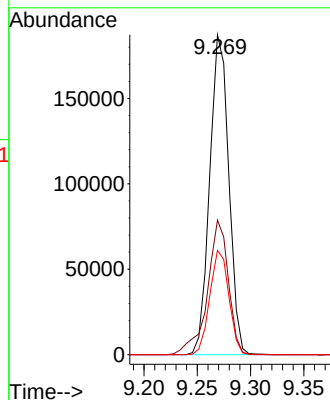
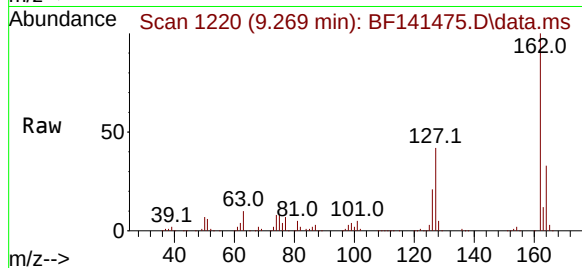
127 42.1 34.1 51.1

164 32.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
 Supervised By :mohammad ahmed 02/07/2025



#48

2-Nitroaniline

Concen: 20.455 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

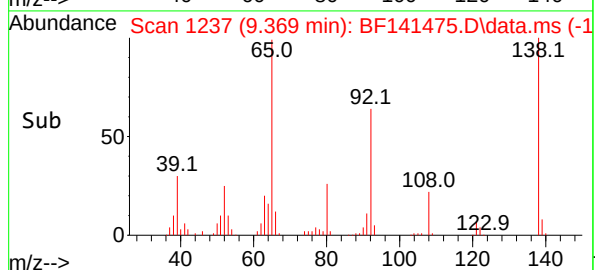
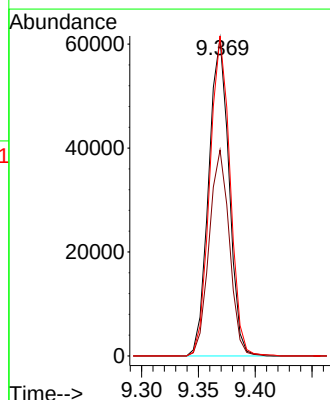
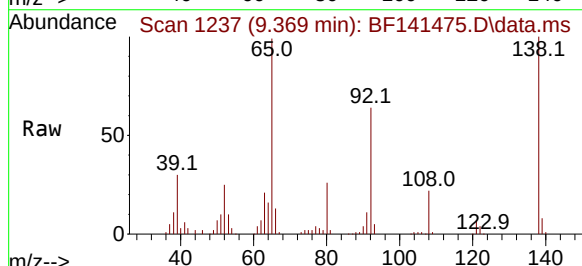
Tgt Ion: 65 Resp: 75990

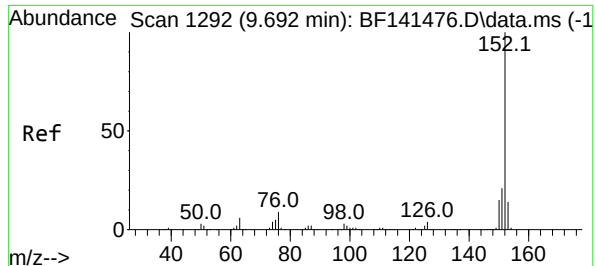
Ion Ratio Lower Upper

65 100

92 64.8 52.2 78.2

138 100.7 79.5 119.3





#49

Acenaphthylene

Concen: 21.004 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141475.D

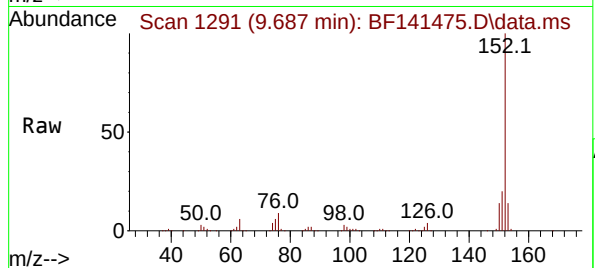
Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 345829

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

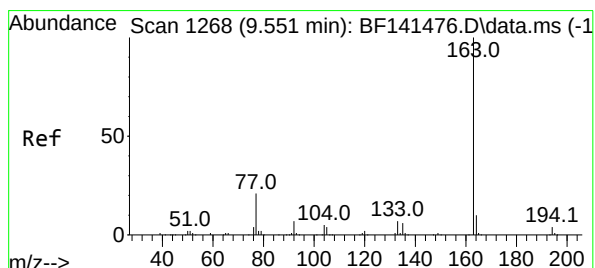
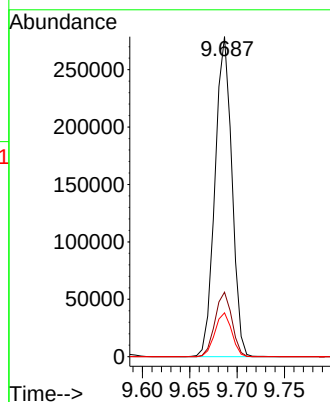
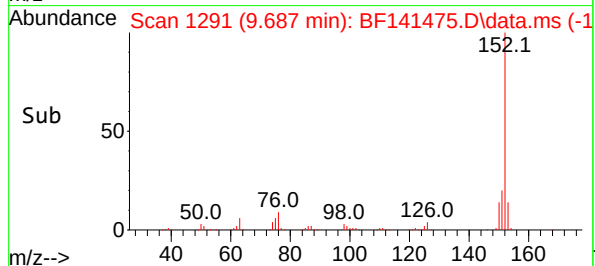
153 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025

Supervised By :mohammad ahmed 02/07/2025



#50

Dimethylphthalate

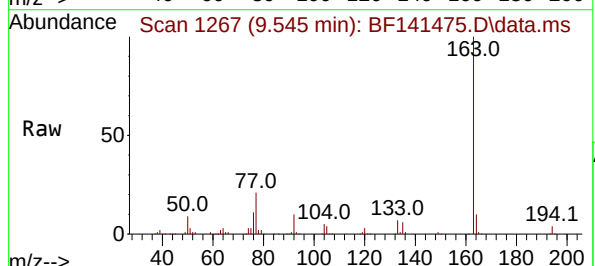
Concen: 20.744 ng

RT: 9.545 min Scan# 1267

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26



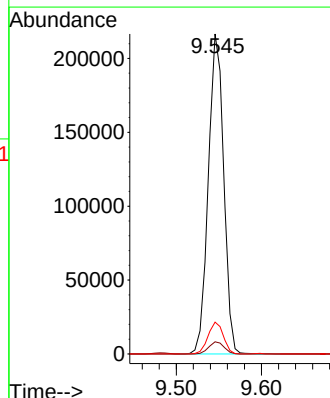
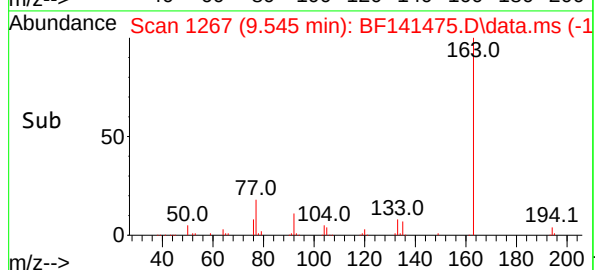
Tgt Ion:163 Resp: 271920

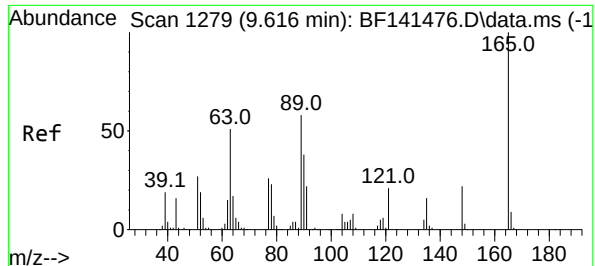
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

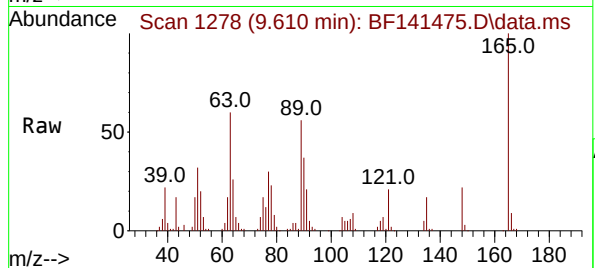
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 21.182 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

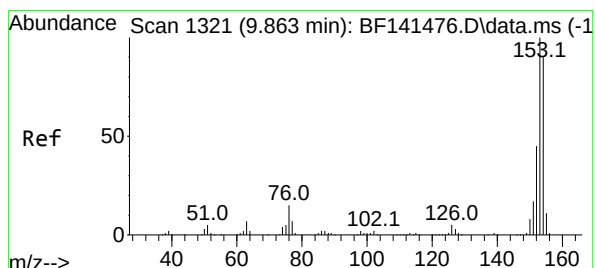
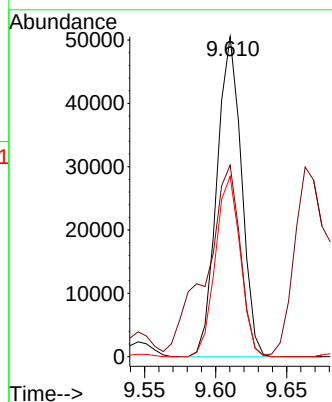
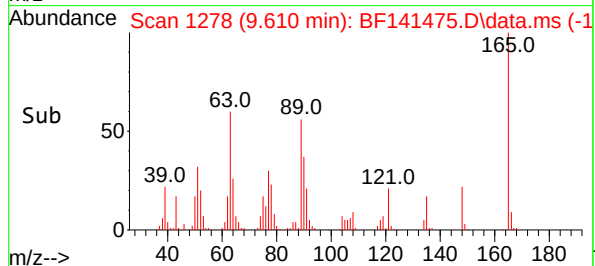
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 60700
Ion Ratio Lower Upper
165 100
63 59.8 49.4 74.0
89 56.3 46.5 69.7

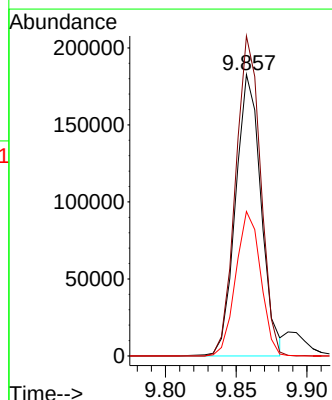
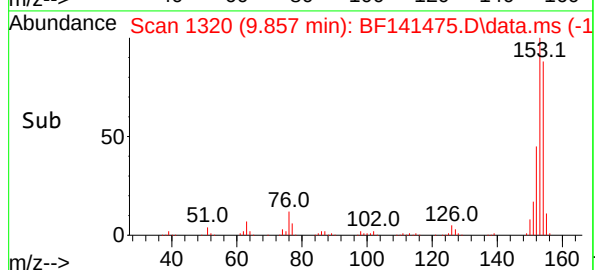
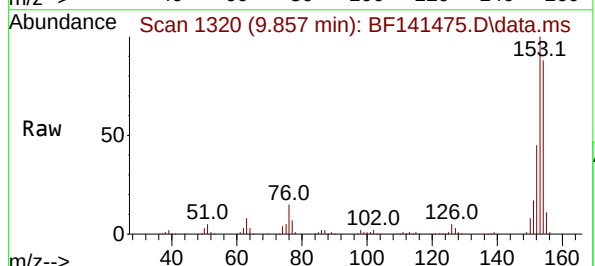
Manual Integrations
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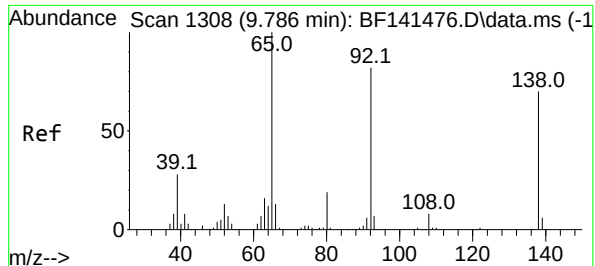
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#52
Acenaphthene
Concen: 20.728 ng m
RT: 9.857 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

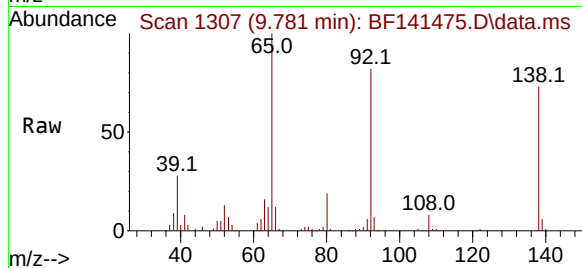
Tgt Ion:154 Resp: 229442
Ion Ratio Lower Upper
154 100
153 113.7 89.2 133.8
152 51.3 39.8 59.8





#53
3-Nitroaniline
Concen: 20.954 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

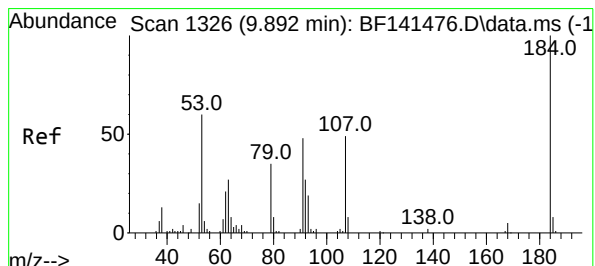
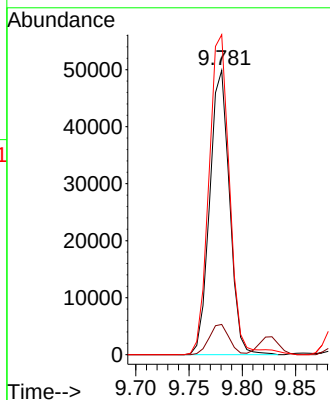
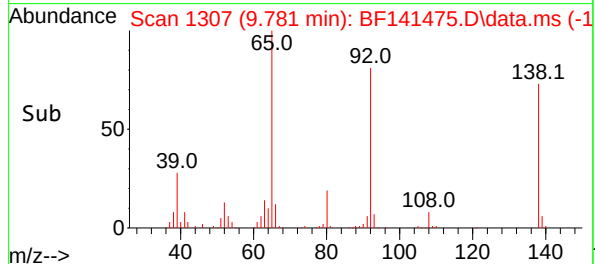
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 64620
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 112.5 93.7 140.5

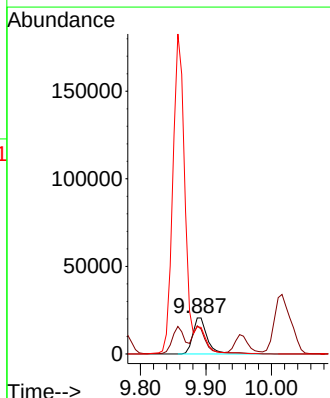
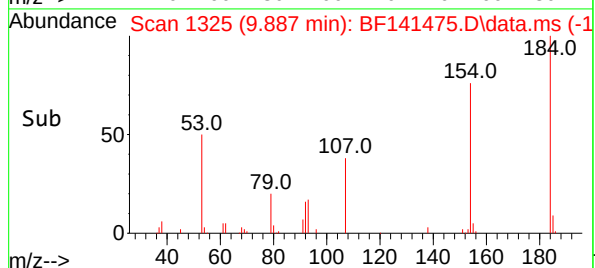
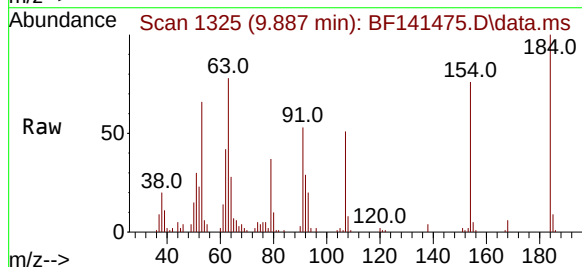
Manual Integrations
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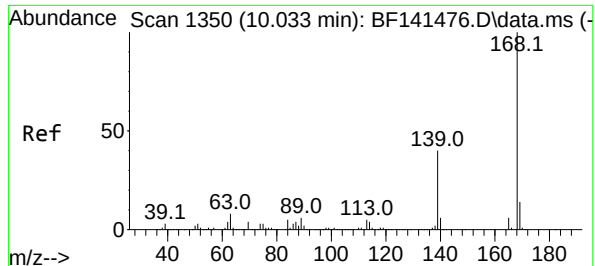
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#54
2,4-Dinitrophenol
Concen: 18.898 ng
RT: 9.887 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:184 Resp: 32186
Ion Ratio Lower Upper
184 100
63 78.3 61.0 91.6
154 75.8 59.9 89.9





#55

Dibenzenofuran

Concen: 21.087 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 342620

Ion Ratio Lower Upper

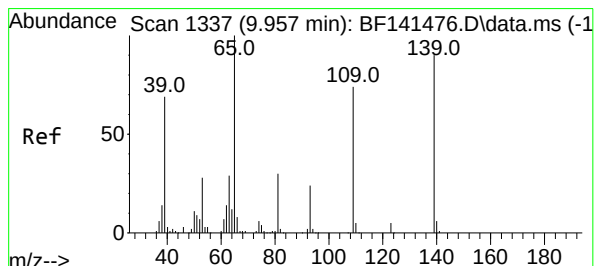
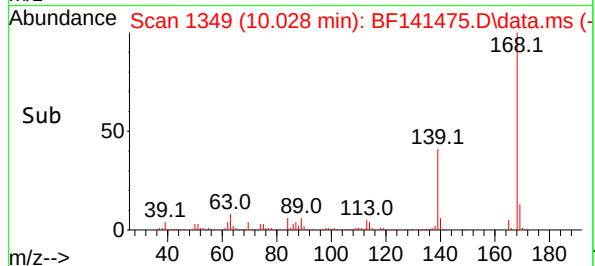
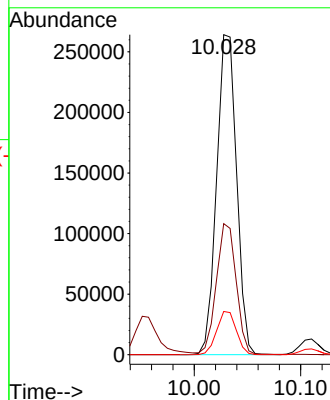
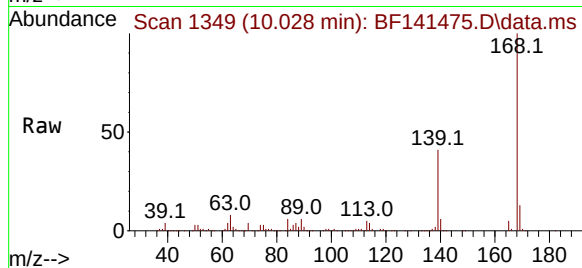
168 100

139 40.9 32.7 49.1

169 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#56

4-Nitrophenol

Concen: 20.843 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.018 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

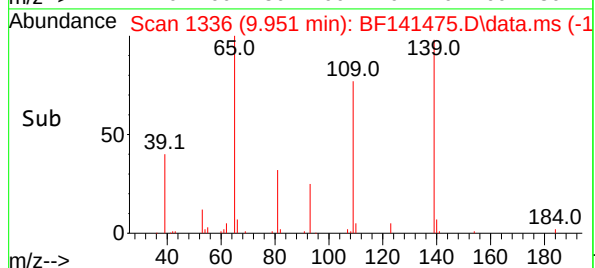
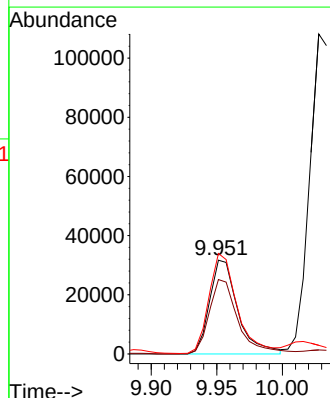
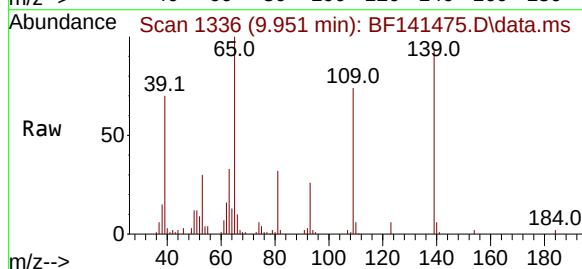
Tgt Ion:139 Resp: 47721

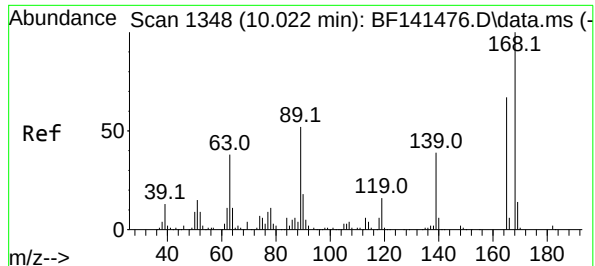
Ion Ratio Lower Upper

139 100

109 79.3 62.0 102.0

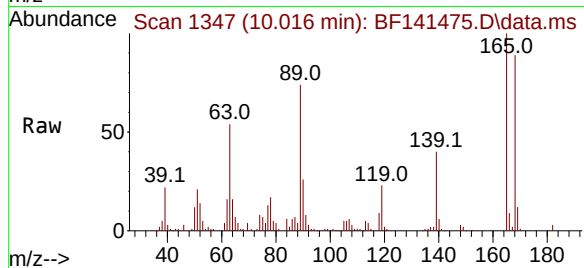
65 107.1 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 20.936 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

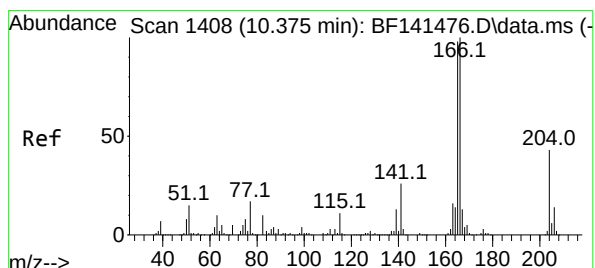
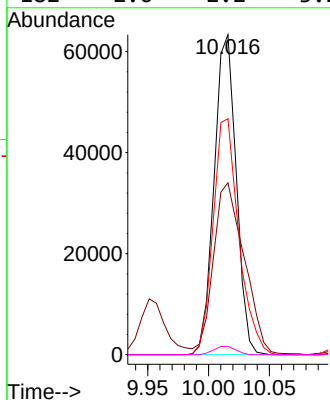
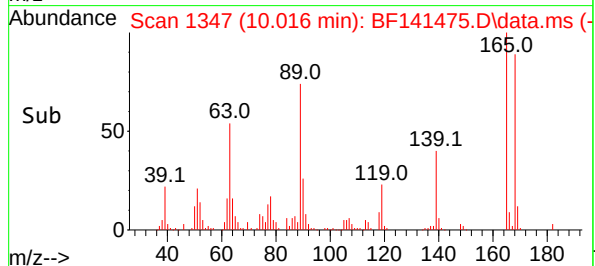
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



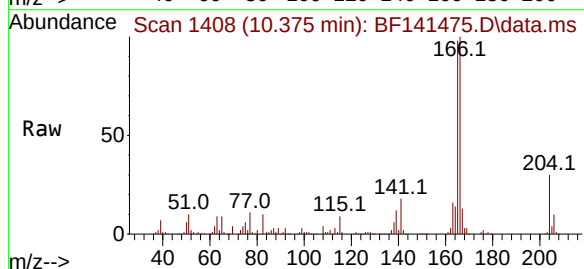
Tgt Ion:165 Resp: 7986
Ion Ratio Lower Upper
165 100
63 53.7 46.4 69.6
89 73.8 61.8 92.6
182 2.6 2.2 3.2

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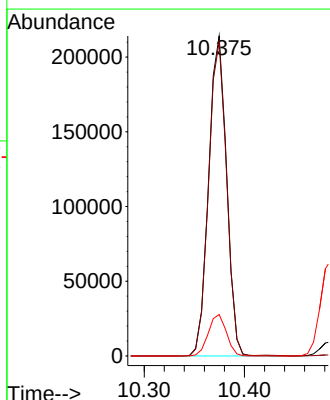
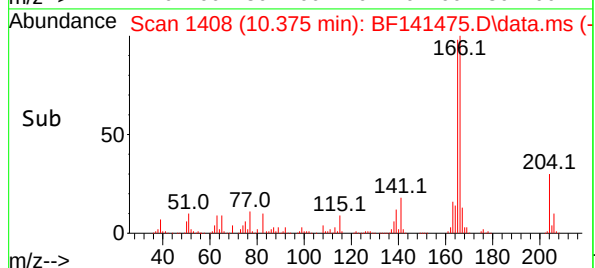
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

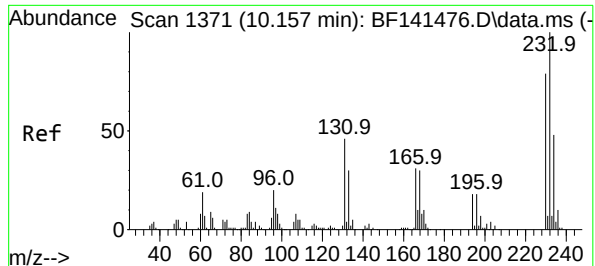


#58
Fluorene
Concen: 21.159 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



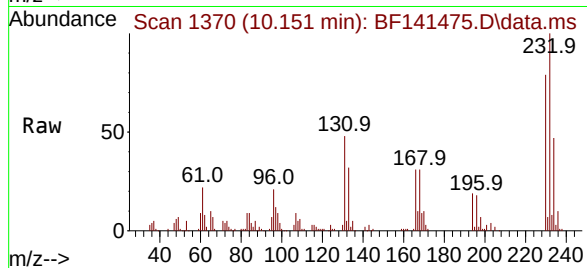
Tgt Ion:166 Resp: 265810
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.2
167 13.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.579 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

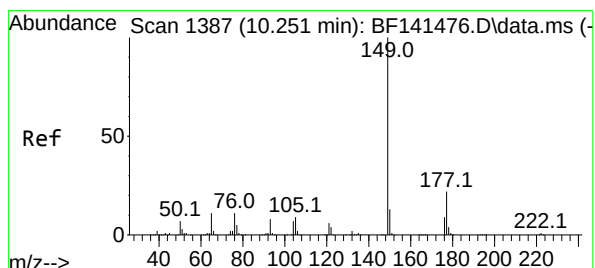
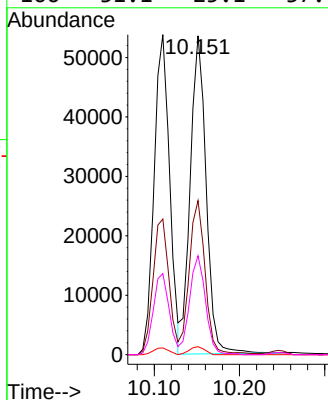
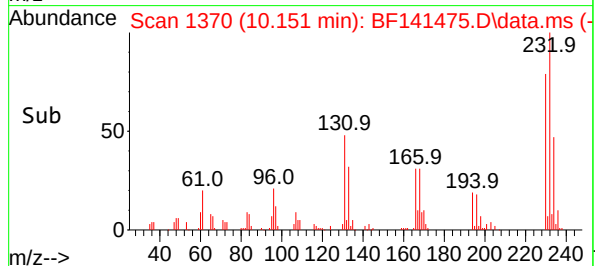
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



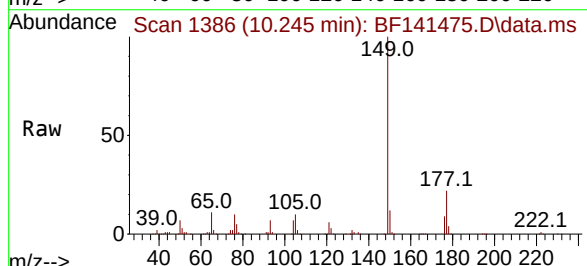
Tgt Ion:232 Resp: 69328
Ion Ratio Lower Upper
232 100
131 49.0 39.2 58.8
130 2.4 2.1 3.1
166 31.1 25.1 37.7

Manual Integrations
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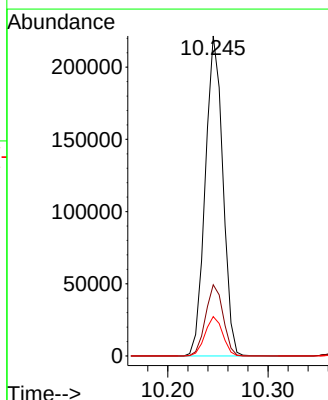
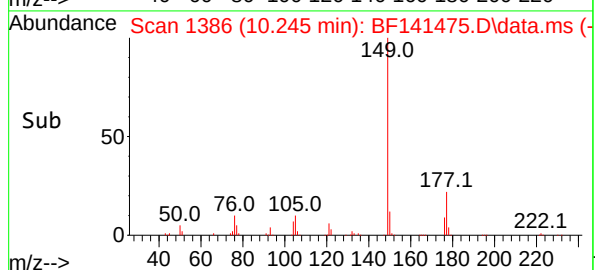
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

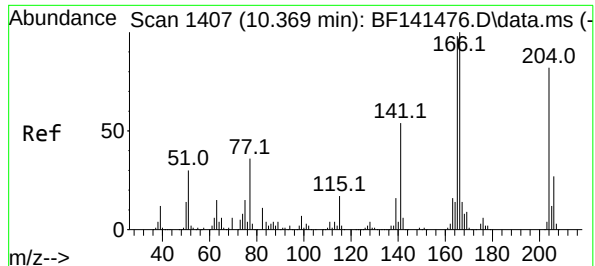


#60
Diethylphthalate
Concen: 20.936 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



Tgt Ion:149 Resp: 270018
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.3 10.1 15.1





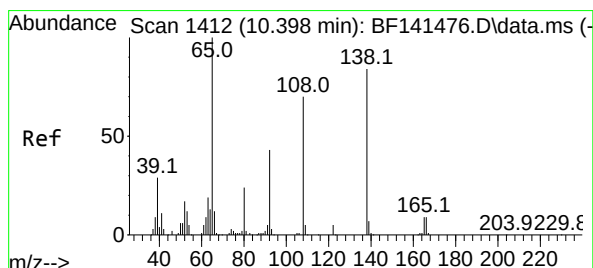
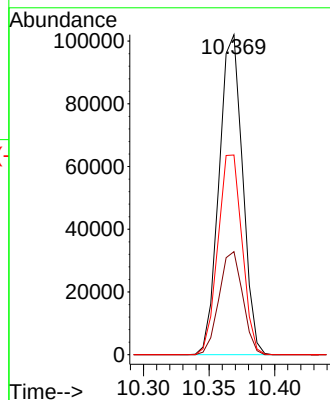
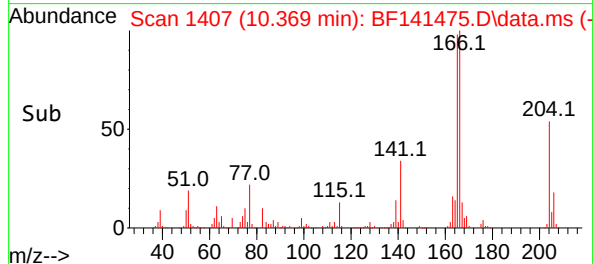
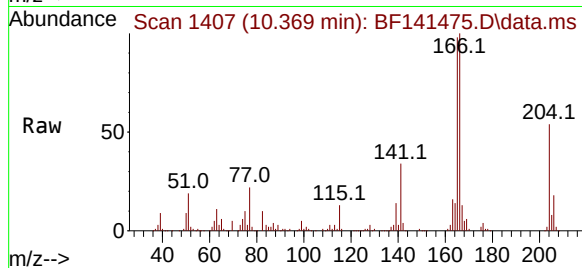
#61
4-Chlorophenyl-phenylether
Concen: 21.049 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 127210
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 62.4 51.9 77.9

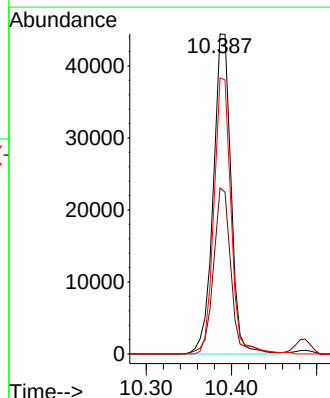
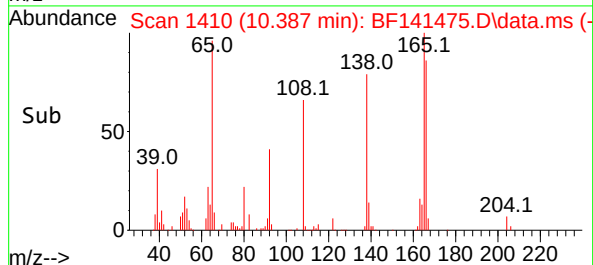
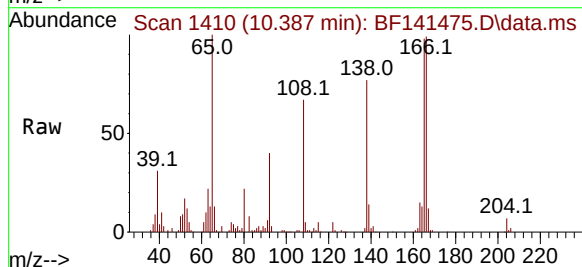
Manual Integrations
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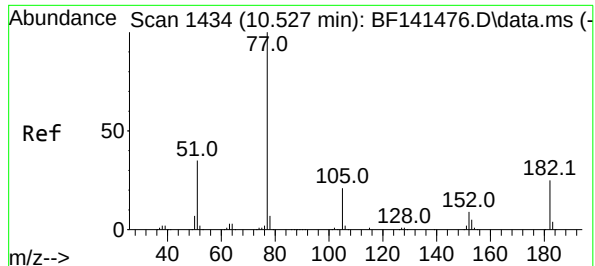
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#62
4-Nitroaniline
Concen: 20.519 ng
RT: 10.387 min Scan# 1410
Delta R.T. -0.029 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

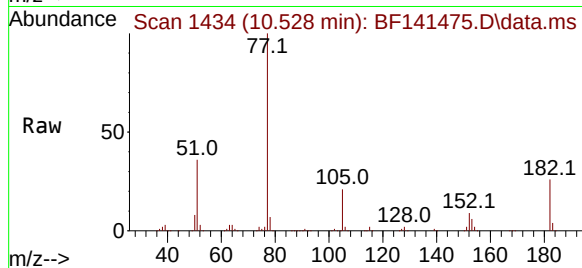
Tgt Ion:138 Resp: 64262
Ion Ratio Lower Upper
138 100
92 51.9 31.3 71.3
108 86.2 63.7 103.7





#63
Azobenzene
Concen: 20.853 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.005 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

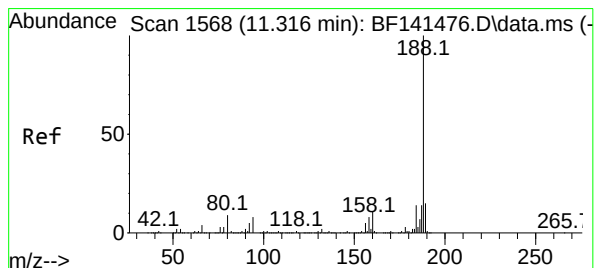
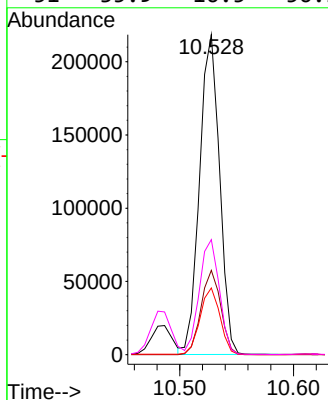
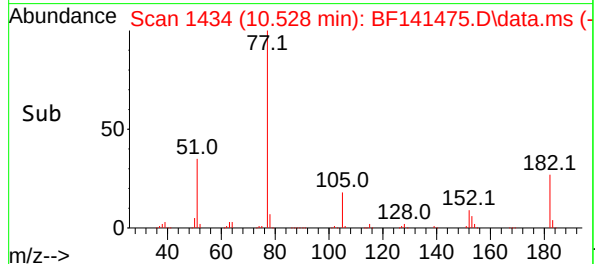
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



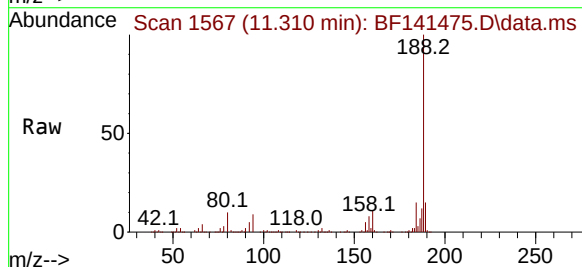
Tgt Ion: 77 Resp: 267372
Ion Ratio Lower Upper
77 100
182 26.4 4.7 44.7
105 20.9 0.4 40.4
51 35.9 16.5 56.5

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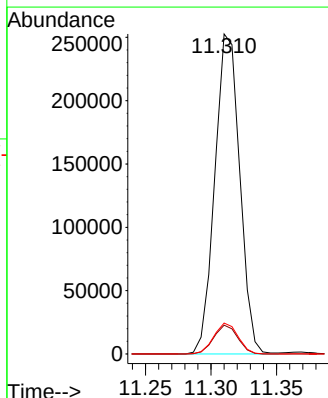
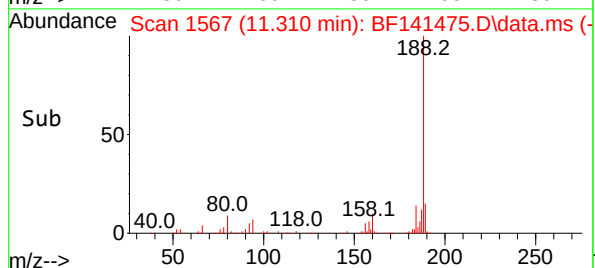
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

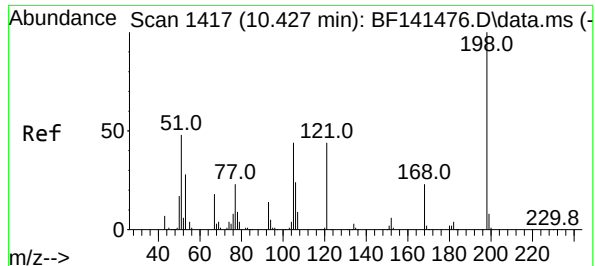


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



Tgt Ion:188 Resp: 333651
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.7 7.3 10.9





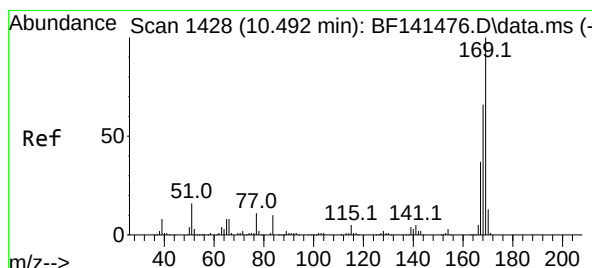
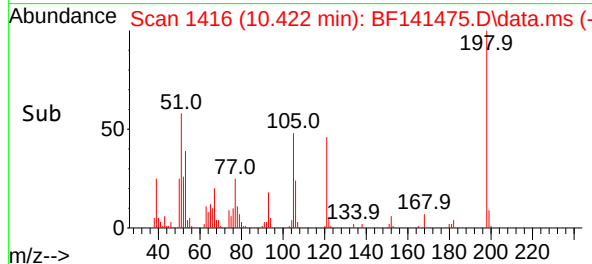
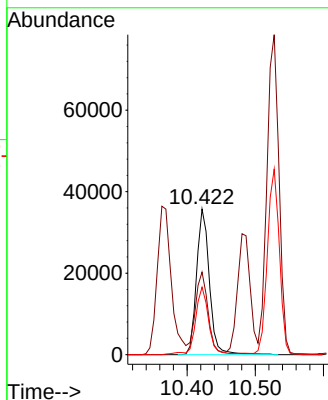
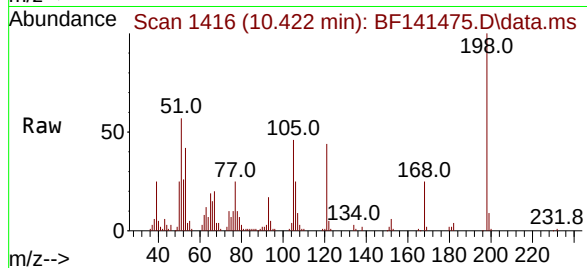
#65
4,6-Dinitro-2-methylphenol
Concen: 20.226 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 4687
Ion Ratio Lower Upper
198 100
51 56.7 37.4 77.4
105 46.4 25.2 65.2

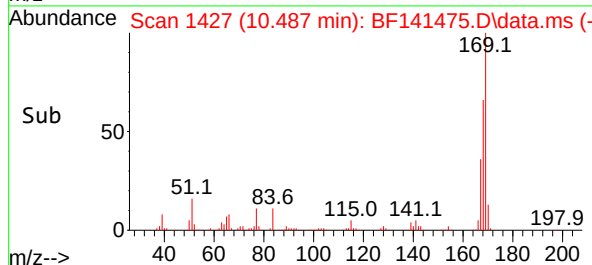
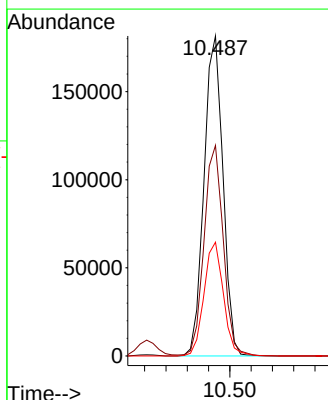
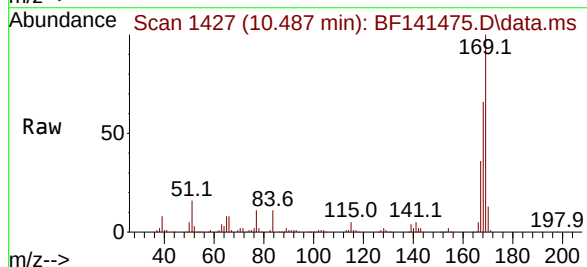
Manual Integrations
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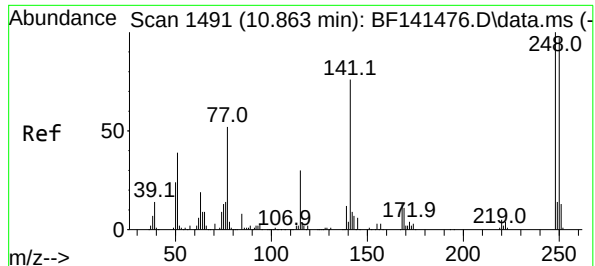
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#66
n-Nitrosodiphenylamine
Concen: 21.045 ng
RT: 10.487 min Scan# 1427
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:169 Resp: 224776
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 35.6 29.4 44.2





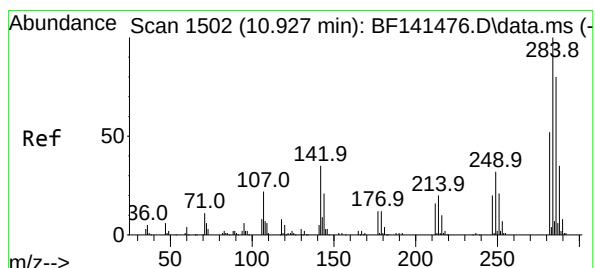
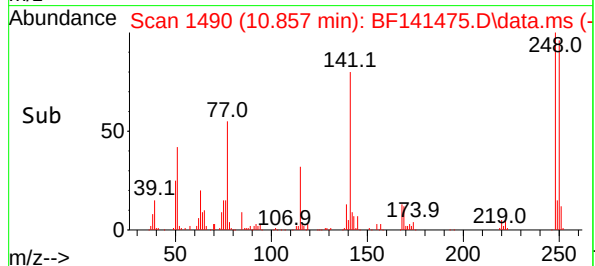
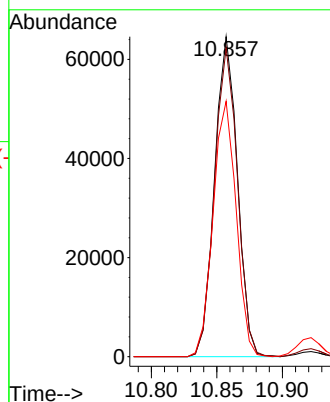
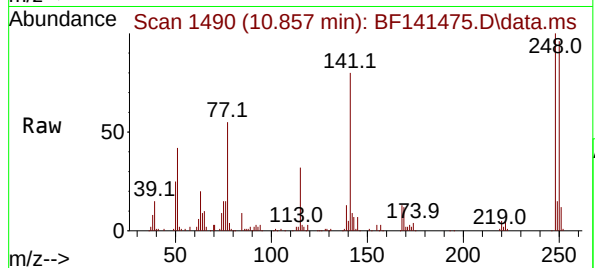
#67
4-Bromophenyl-phenylether
Concen: 20.962 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 7816
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 79.8 60.6 90.8

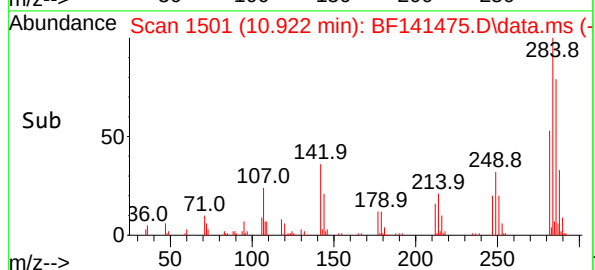
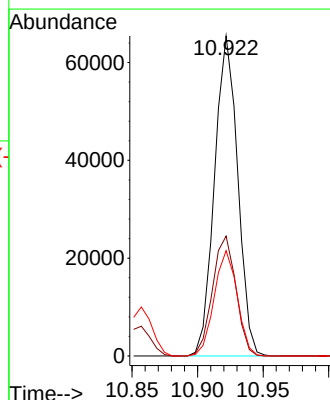
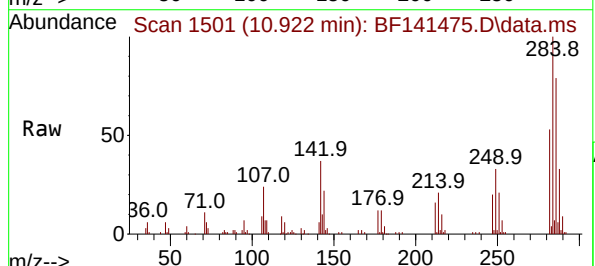
Manual Integrations
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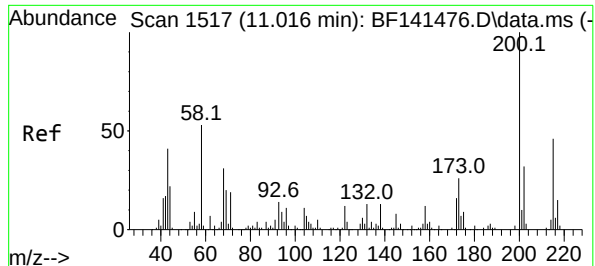
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#68
Hexachlorobenzene
Concen: 20.913 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

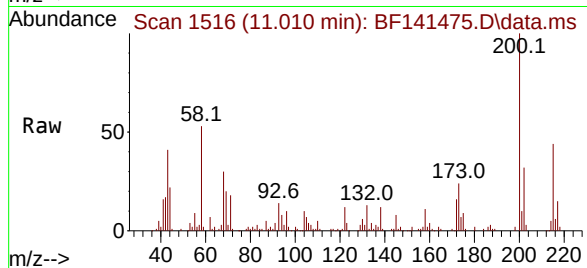
Tgt Ion:284 Resp: 80301
Ion Ratio Lower Upper
284 100
142 37.5 28.0 42.0
249 32.9 25.8 38.8





#69
Atrazine
Concen: 22.271 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

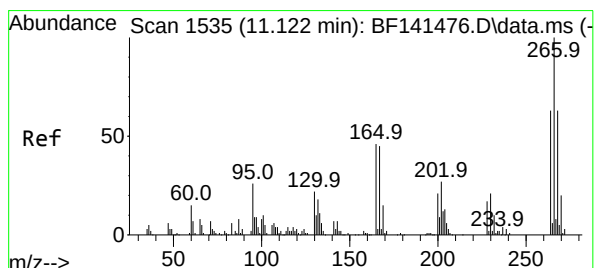
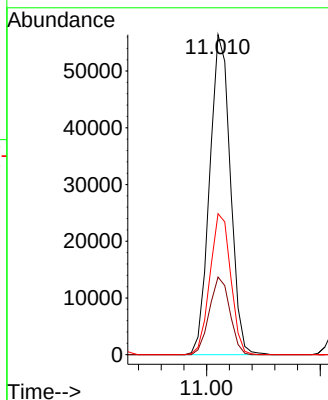
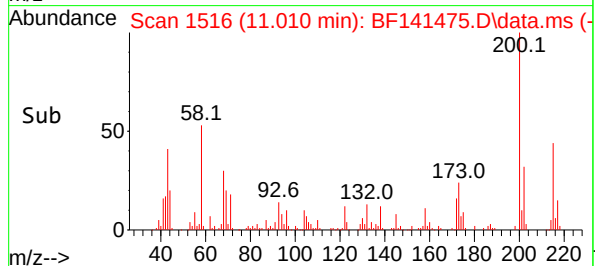
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



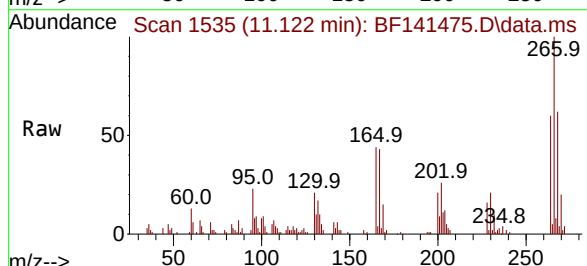
Tgt Ion:200 Resp: 71359
Ion Ratio Lower Upper
200 100
173 24.3 5.9 45.9
215 44.1 25.9 65.9

Manual Integrations
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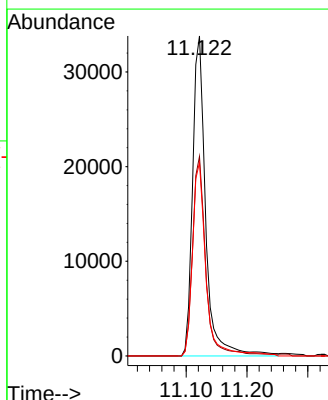
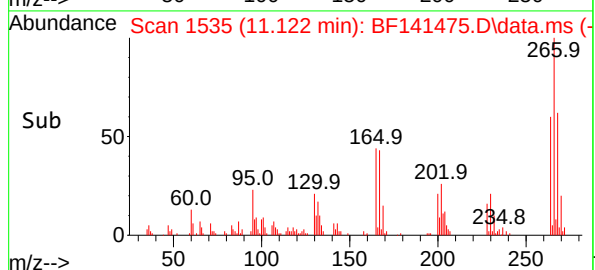
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

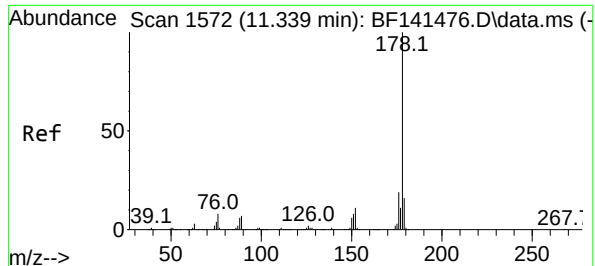


#70
Pentachlorophenol
Concen: 20.584 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



Tgt Ion:266 Resp: 50539
Ion Ratio Lower Upper
266 100
268 62.4 50.1 75.1
264 60.5 50.1 75.1





#71

Phenanthrene

Concen: 21.085 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:178 Resp: 387250

Ion Ratio Lower Upper

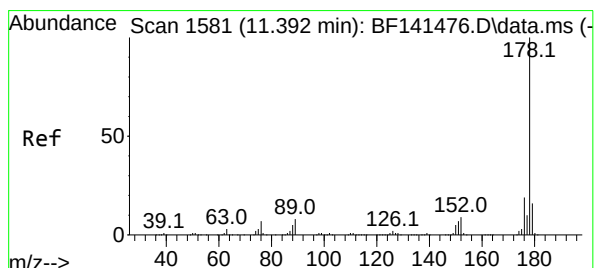
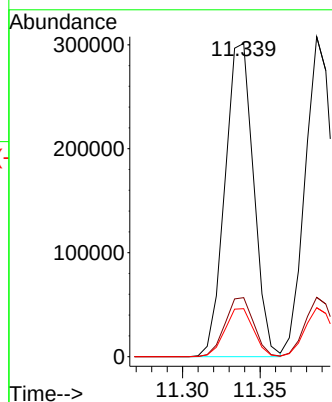
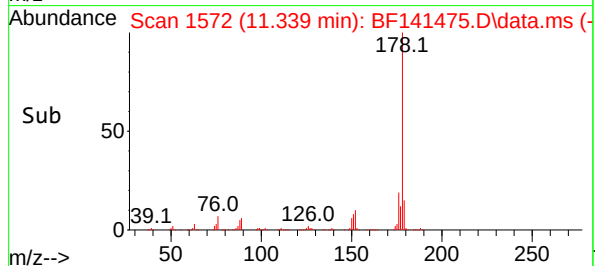
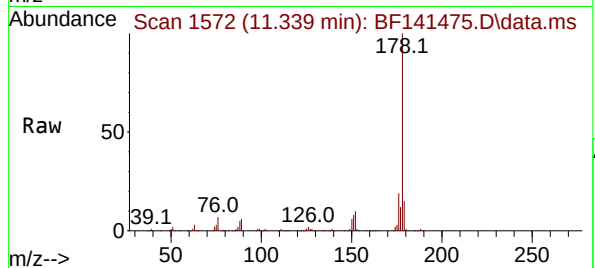
178 100

176 18.8 15.4 23.0

179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#72

Anthracene

Concen: 20.930 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

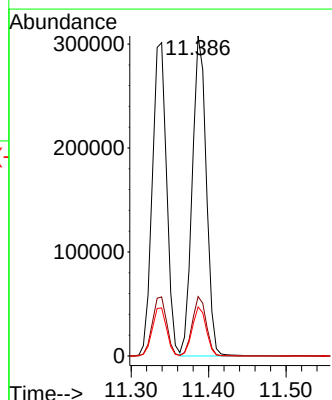
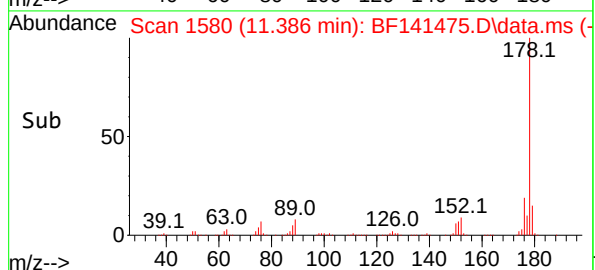
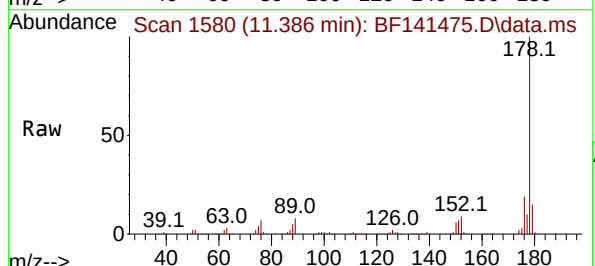
Tgt Ion:178 Resp: 386414

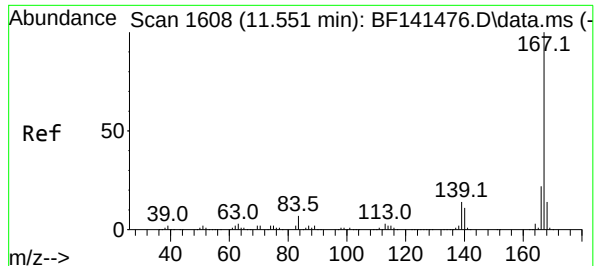
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

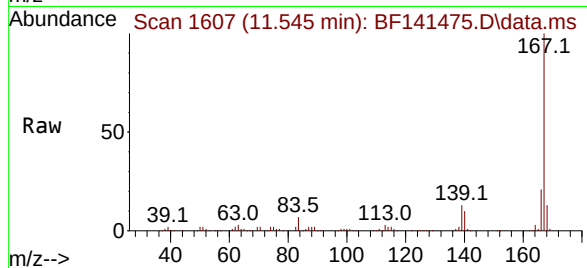
179 15.3 12.4 18.6





#73
Carbazole
Concen: 21.610 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

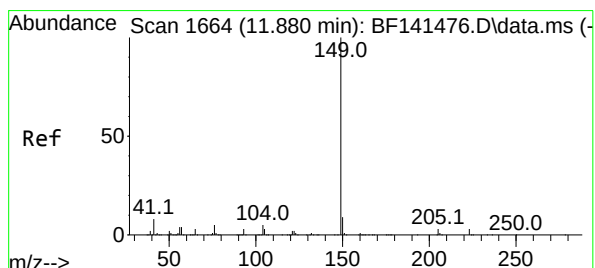
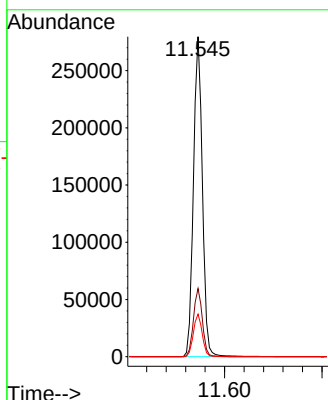
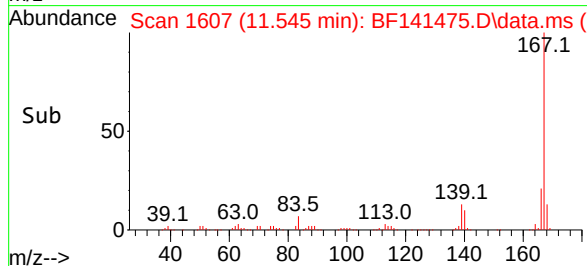
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



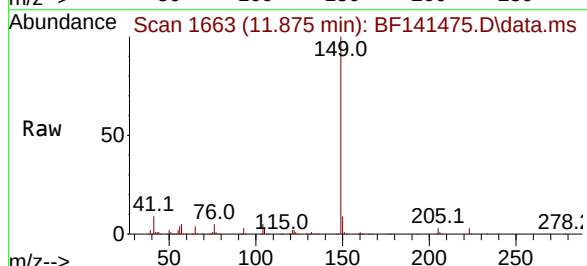
Tgt Ion:167 Resp: 35898
Ion Ratio Lower Upper
167 100
166 21.3 17.4 26.2
139 13.3 10.9 16.3

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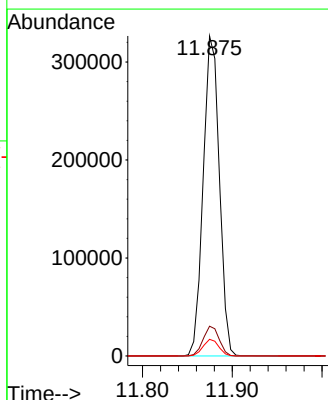
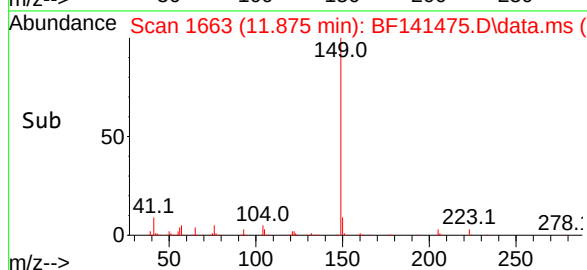
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

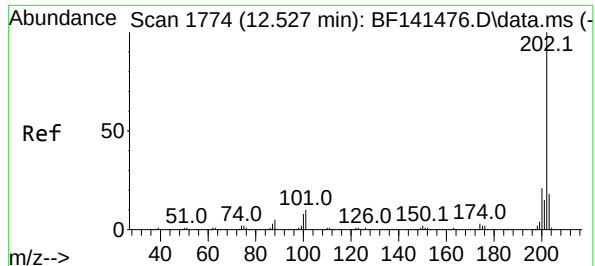


#74
Di-n-butylphthalate
Concen: 21.273 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



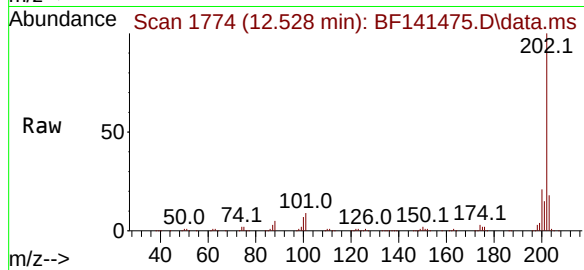
Tgt Ion:149 Resp: 408041
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 21.298 ng
RT: 12.528 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

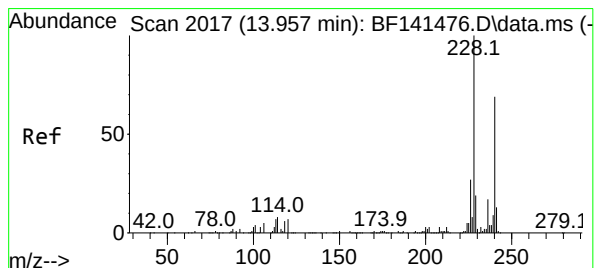
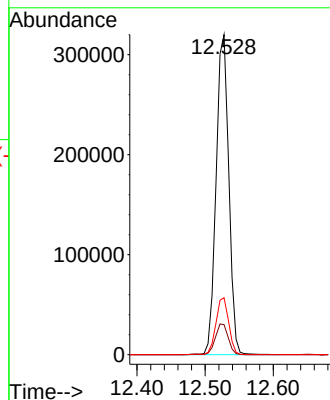
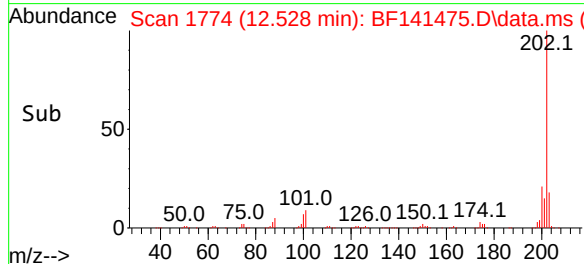
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



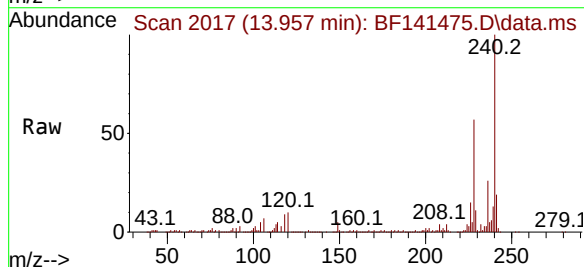
Tgt Ion:202 Resp: 414712
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.2
203 17.8 0.0 37.6

Manual Integrations
APPROVED

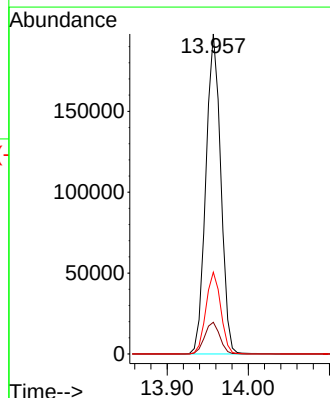
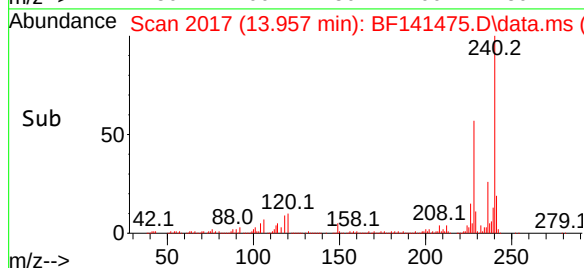
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

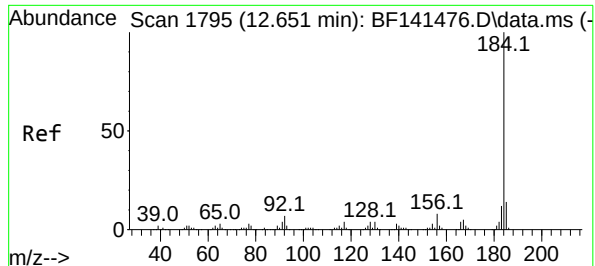


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



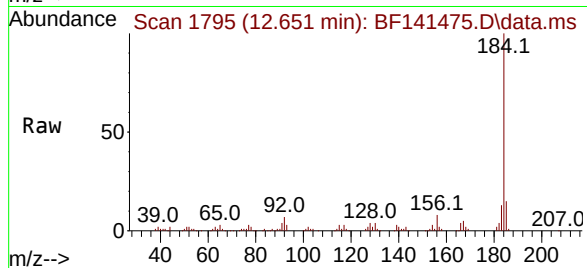
Tgt Ion:240 Resp: 251741
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.5 19.8 29.8





#77
Benzidine
Concen: 15.132 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

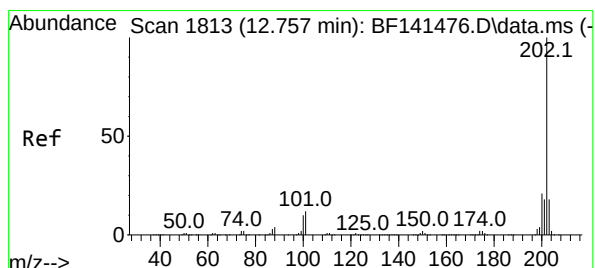
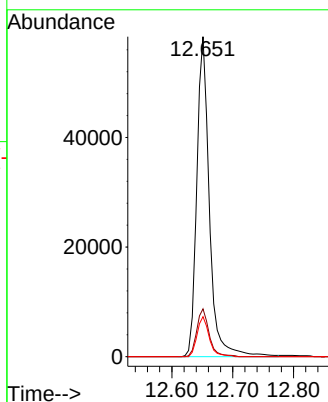
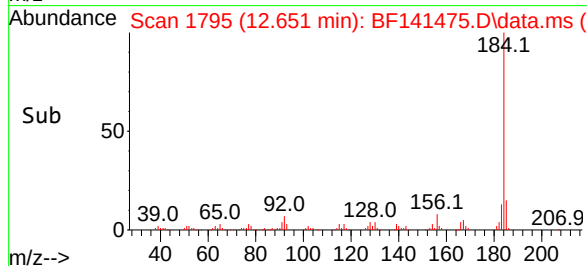
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



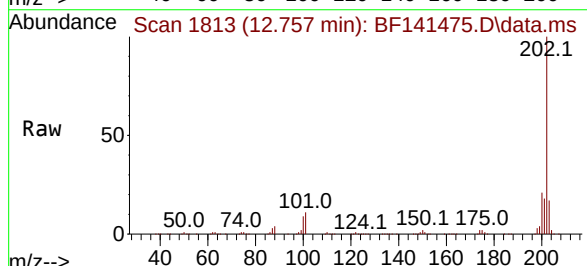
Tgt Ion:184 Resp: 84011
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 12.5 9.3 13.9

Manual Integrations
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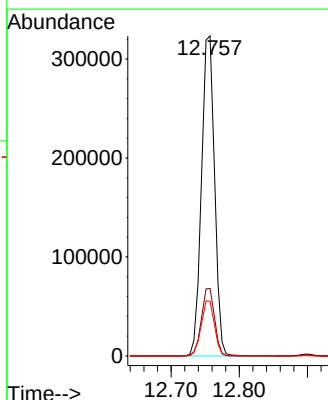
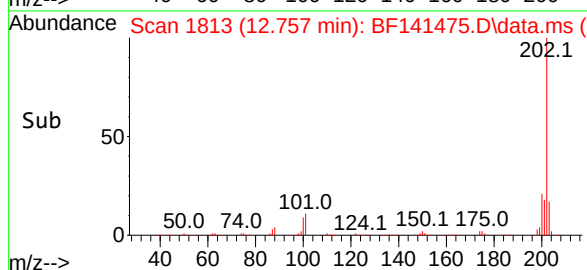
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

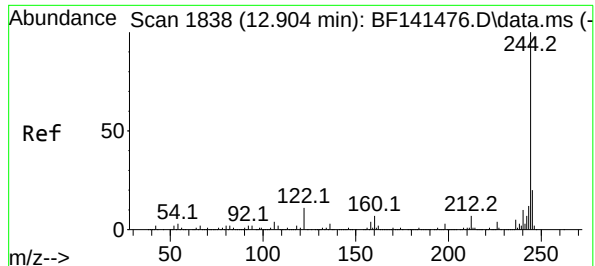


#78
Pyrene
Concen: 20.169 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



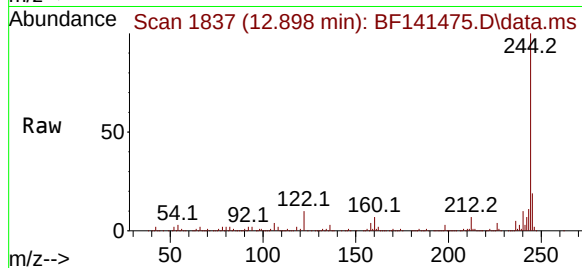
Tgt Ion:202 Resp: 432216
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.1 14.3 21.5





#79
Terphenyl-d14
Concen: 40.894 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

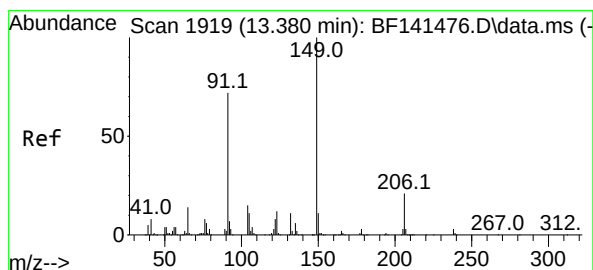
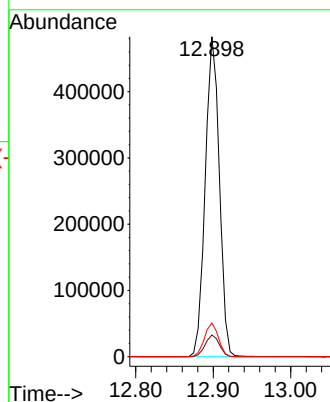
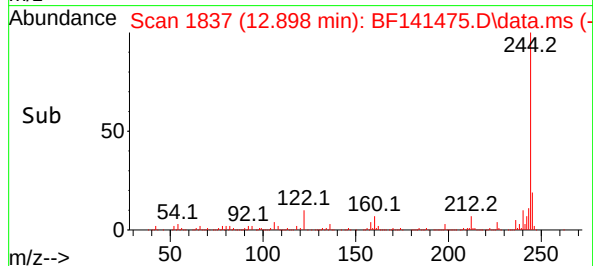
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 609819
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.5 8.4 12.6

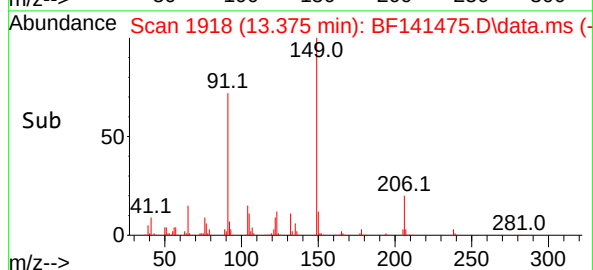
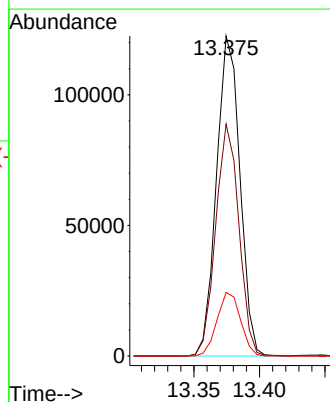
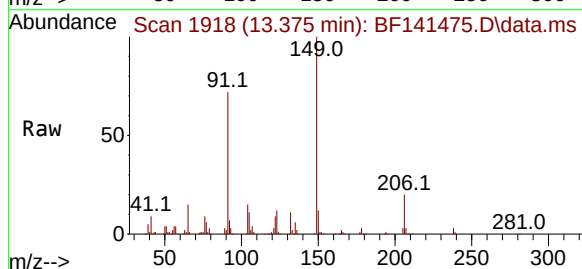
Manual Integrations
APPROVED

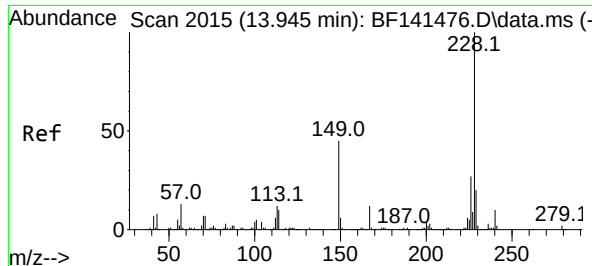
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#80
Butylbenzylphthalate
Concen: 20.502 ng
RT: 13.375 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

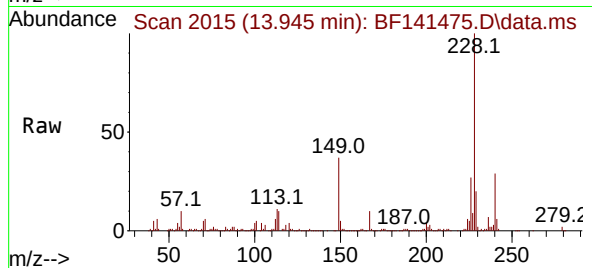
Tgt Ion:149 Resp: 152184
Ion Ratio Lower Upper
149 100
91 72.5 57.8 86.8
206 19.8 16.7 25.1





#81
Benzo(a)anthracene
Concen: 20.310 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

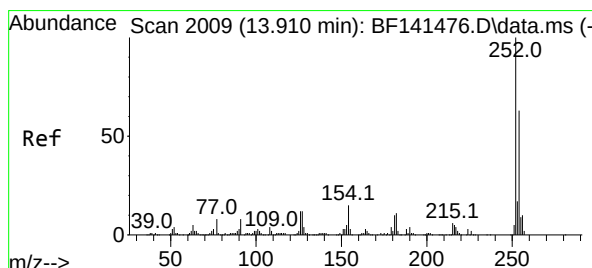
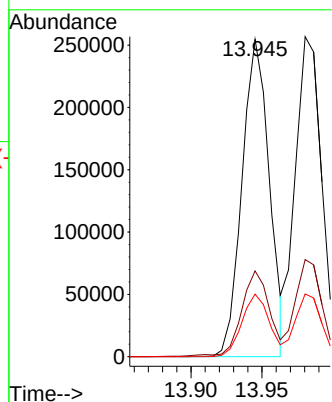
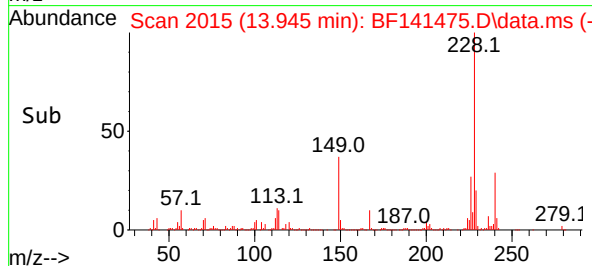
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



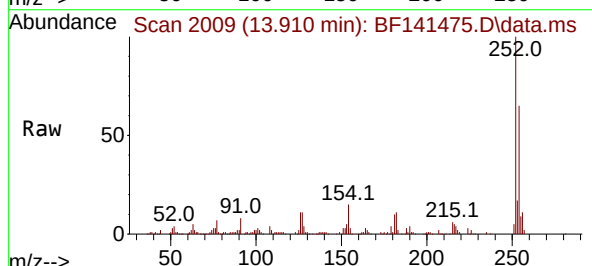
Tgt Ion:228 Resp: 33987
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
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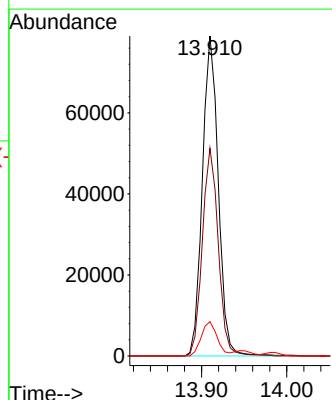
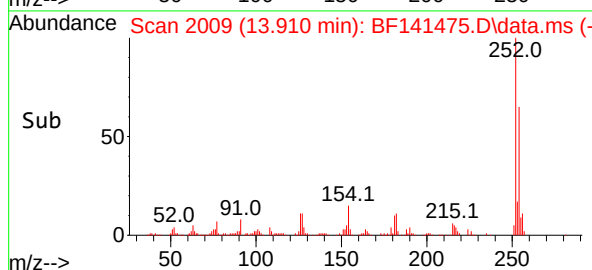
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

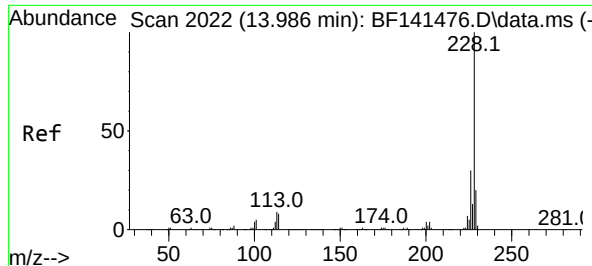


#82
3,3'-Dichlorobenzidine
Concen: 21.355 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



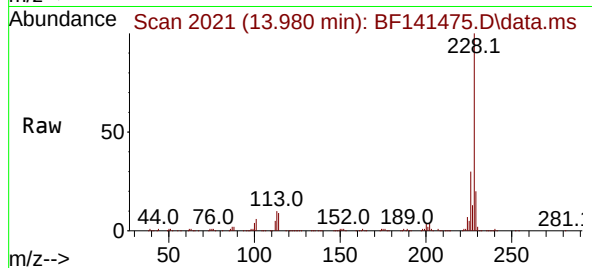
Tgt Ion:252 Resp: 102367
Ion Ratio Lower Upper
252 100
254 64.9 50.6 76.0
126 10.7 9.3 13.9





#83
Chrysene
Concen: 21.411 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

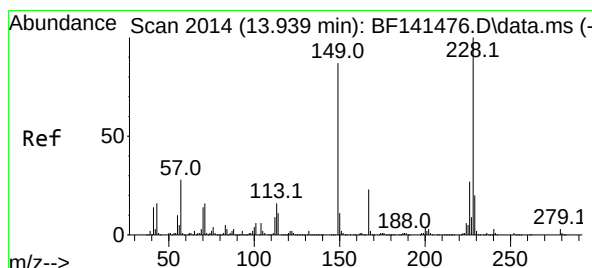
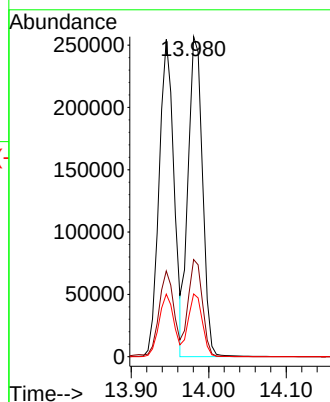
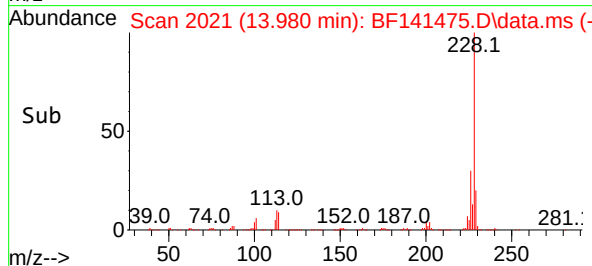
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 33082
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 19.6 15.7 23.5

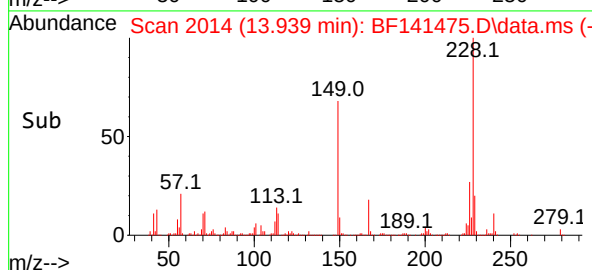
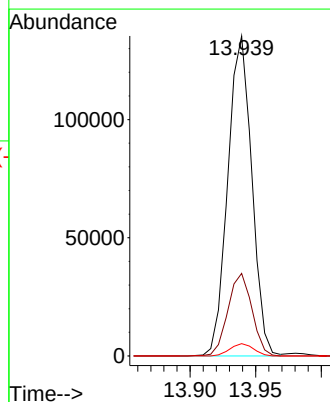
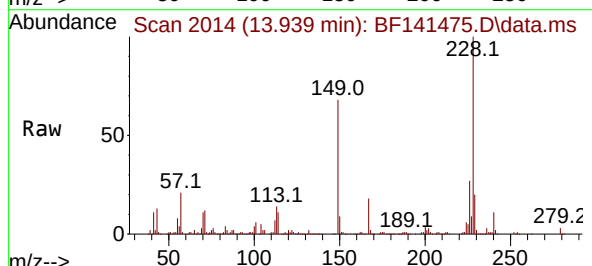
Manual Integrations
APPROVED

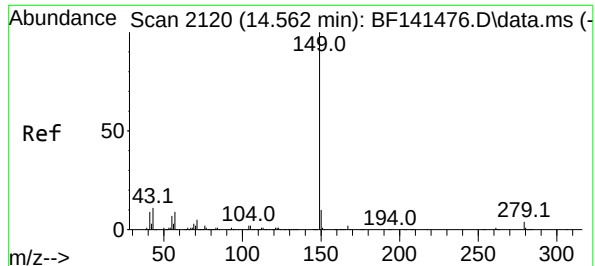
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.588 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

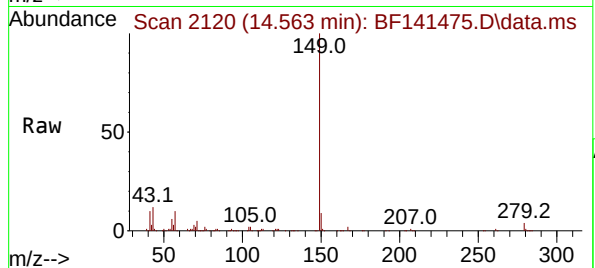
Tgt Ion:149 Resp: 172352
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.0
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 19.180 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

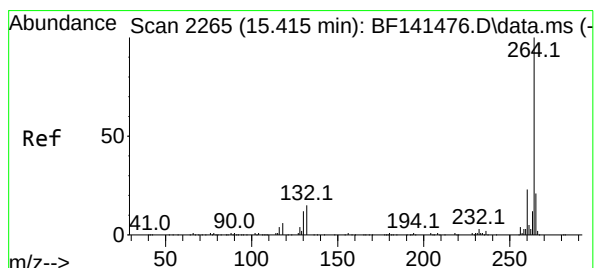
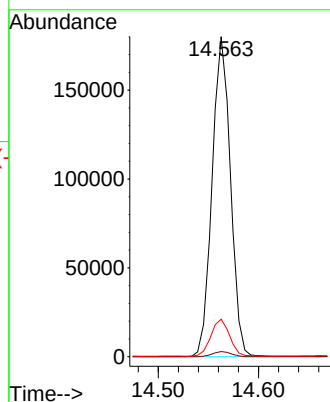
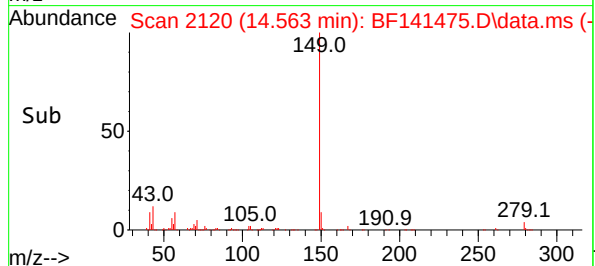
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



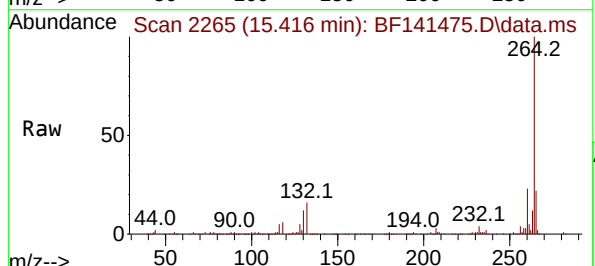
Tgt Ion:149 Resp: 229060
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.5 14.3

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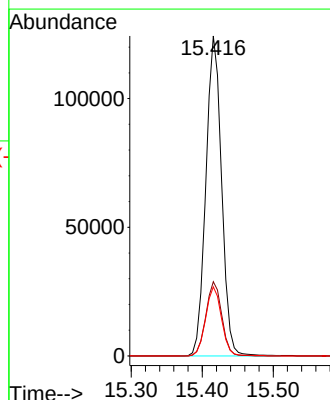
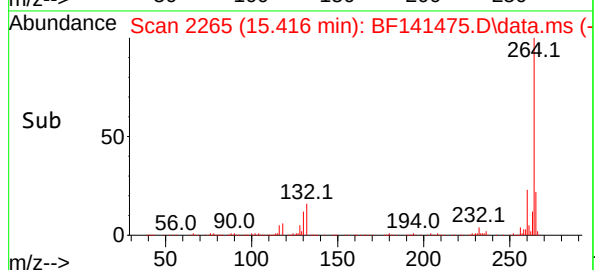
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

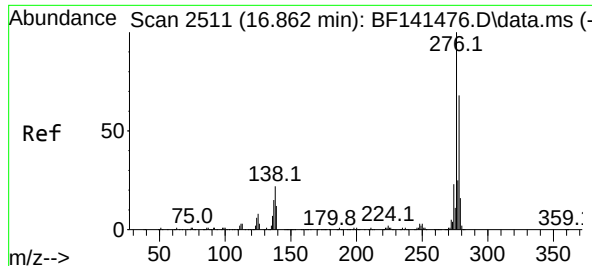


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



Tgt Ion:264 Resp: 191435
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.200 ng

RT: 16.857 min Scan# 2511

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 22710

Ion Ratio Lower Upper

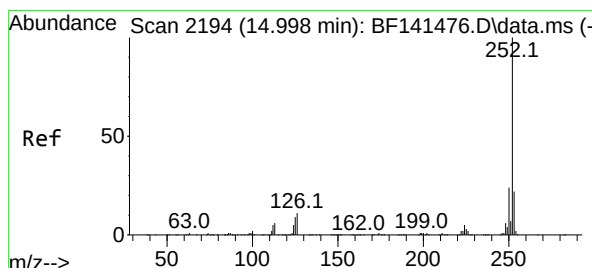
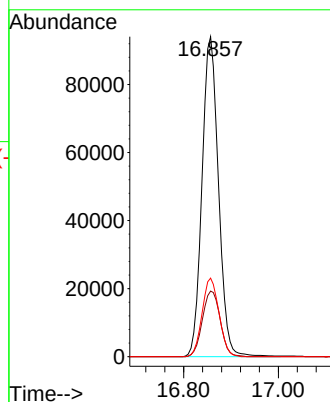
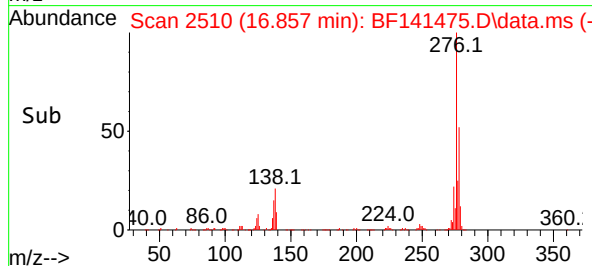
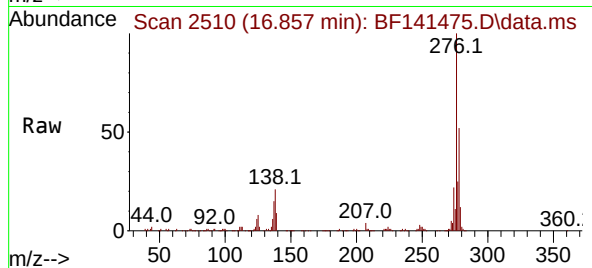
276 100

138 22.1 18.0 27.0

277 25.1 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#88

Benzo(b)fluoranthene

Concen: 20.826 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

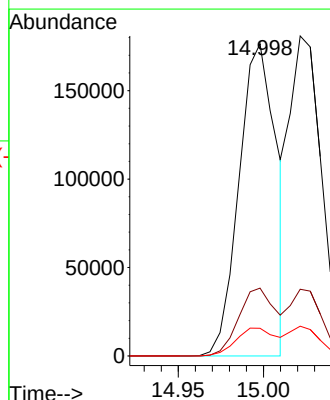
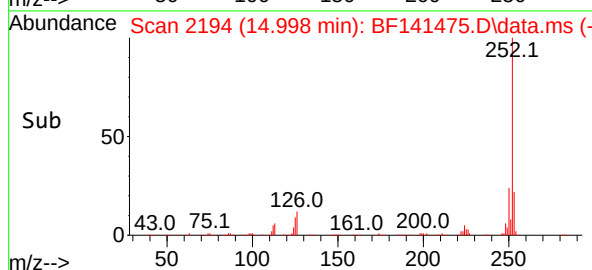
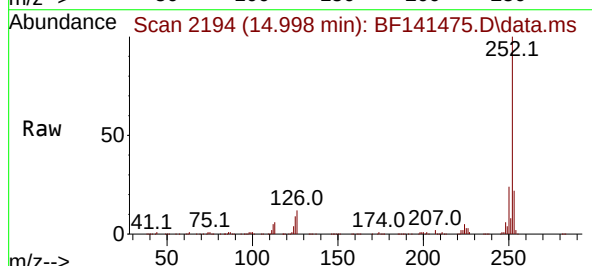
Tgt Ion:252 Resp: 267695

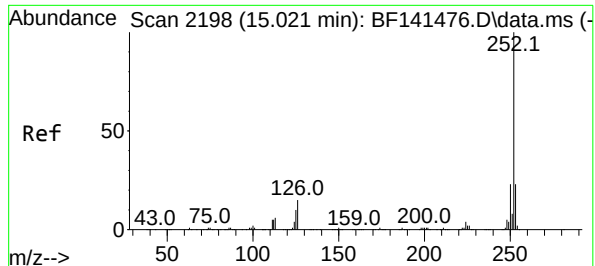
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 21.747 ng

RT: 15.022 min Scan# 2198

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 23869

Ion Ratio Lower Upper

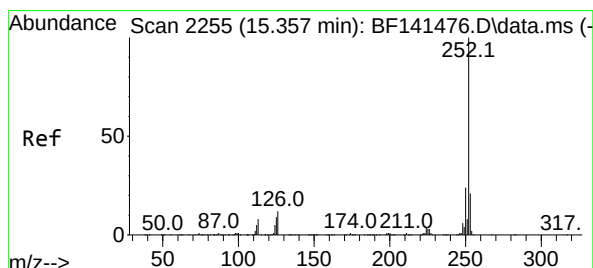
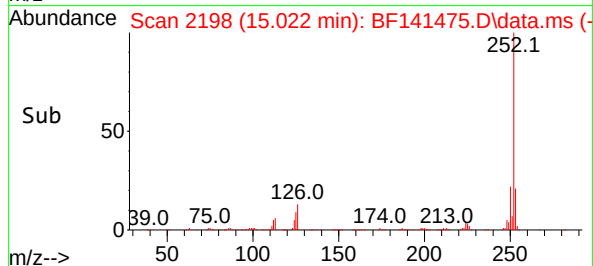
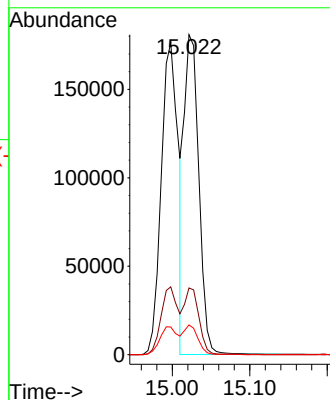
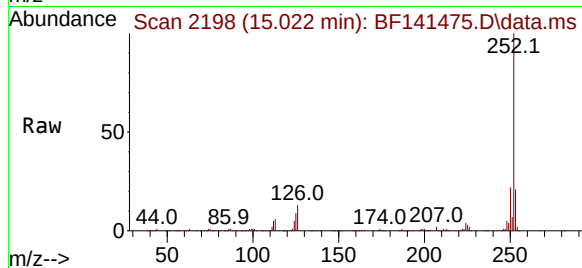
252 100

253 20.9 18.0 27.0

125 9.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

#90

Benzo(a)pyrene

Concen: 20.528 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

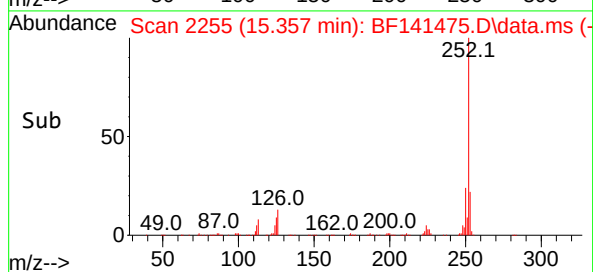
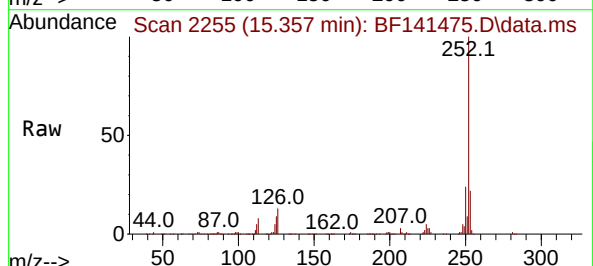
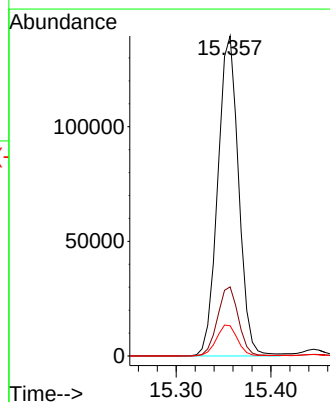
Tgt Ion:252 Resp: 213510

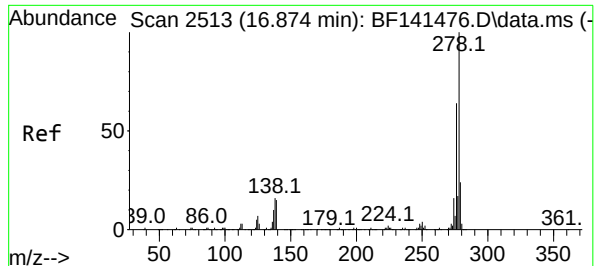
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.5 7.4 11.2





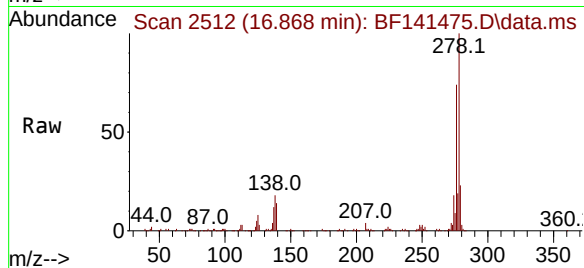
#91
Dibenzo(a,h)anthracene
Concen: 19.379 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

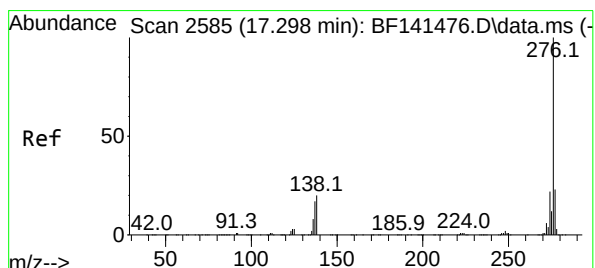
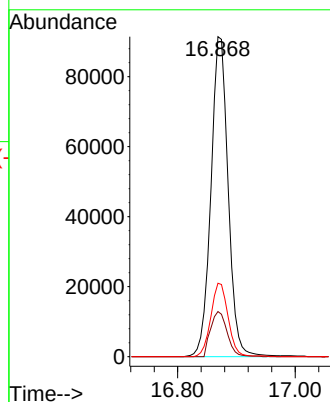
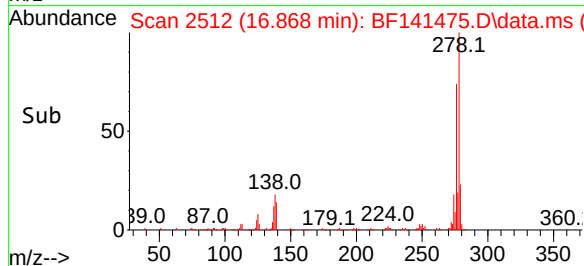


Tgt Ion:278 Resp: 185740
Ion Ratio Lower Upper
278 100
139 14.1 11.8 17.6
279 23.0 19.1 28.7

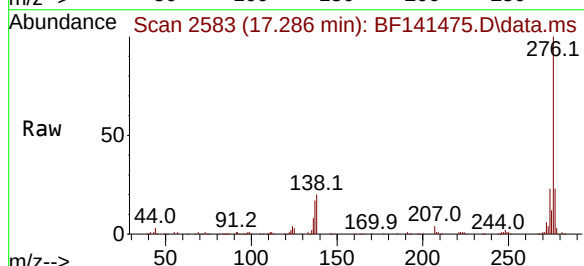
Manual Integrations

APPROVED

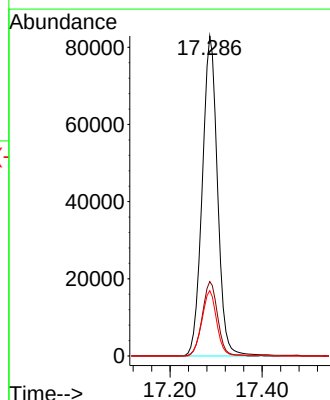
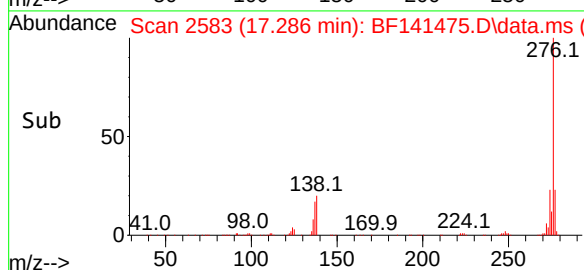
Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025



#92
Benzo(g,h,i)perylene
Concen: 19.103 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26



Tgt Ion:276 Resp: 191595
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 20.4 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141476.D
 Acq On : 06 Feb 2025 12:55
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 06 16:00:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89095	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	351555	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	193385	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	336425	20.000	ng	0.00
76) Chrysene-d12	13.957	240	225462	20.000	ng	0.00
86) Perylene-d12	15.415	264	182907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	459422	80.841	ng	0.00
7) Phenol-d6	6.428	99	574808	80.025	ng	-0.01
23) Nitrobenzene-d5	7.357	82	540793	80.234	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	154725	79.647	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	981440	78.189	ng	0.00
79) Terphenyl-d14	12.904	244	1080174	80.879	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	92090	40.262	ng	100
3) Pyridine	3.210	79	225032	41.344	ng	100
4) n-Nitrosodimethylamine	3.163	42	145802	40.456	ng	100
6) Aniline	6.451	93	274102	40.681	ng	100
8) 2-Chlorophenol	6.581	128	245676	40.008	ng	100
9) Benzaldehyde	6.339	77	146382	38.350	ng	100
10) Phenol	6.445	94	300315	40.171	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	225665	40.188	ng	100
12) 1,3-Dichlorobenzene	6.728	146	256806	39.613	ng	100
13) 1,4-Dichlorobenzene	6.804	146	262121	39.574	ng	100
14) 1,2-Dichlorobenzene	6.963	146	244757	39.814	ng	100
15) Benzyl Alcohol	6.934	79	224961	40.841	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	385739	40.130	ng	100
17) 2-Methylphenol	7.051	107	191970	39.951	ng	100
18) Hexachloroethane	7.298	117	98581	40.215	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	172712	40.198	ng	100
20) 3+4-Methylphenols	7.204	107	244439	40.024	ng	100
22) Acetophenone	7.198	105	346731	39.649	ng	100
24) Nitrobenzene	7.375	77	263188	40.044	ng	100
25) Isophorone	7.610	82	429323	39.948	ng	100
26) 2-Nitrophenol	7.686	139	135355	41.394	ng	100
27) 2,4-Dimethylphenol	7.728	122	156665	41.012	ng	100
28) bis(2-Chloroethoxy)met...	7.822	93	276730	40.185	ng	100
29) 2,4-Dichlorophenol	7.939	162	208390	40.375	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	222679	39.619	ng	100
31) Naphthalene	8.092	128	729358	39.856	ng	100
32) Benzoic acid	7.857	122	161196	40.625	ng	100
33) 4-Chloroaniline	8.151	127	255749	40.029	ng	100
34) Hexachlorobutadiene	8.210	225	135140	40.051	ng	100
35) Caprolactam	8.516	113	65155	41.461	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	231344	40.464	ng	100
37) 2-Methylnaphthalene	8.786	142	470332	39.496	ng	100
38) 1-Methylnaphthalene	8.886	142	461189	39.987	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	225938	40.383	ng	100
41) Hexachlorocyclopentadiene	8.939	237	78762	42.325	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	145682	40.288	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141476.D
 Acq On : 06 Feb 2025 12:55
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

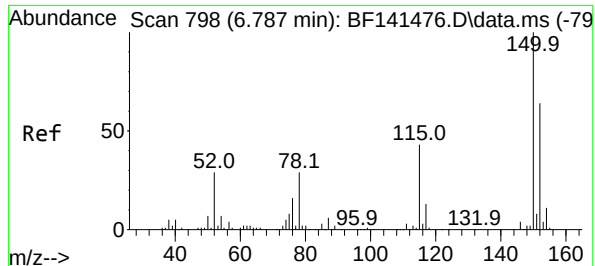
Quant Time: Feb 06 16:00:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	158685	40.492	ng	100
46) 1,1'-Biphenyl	9.251	154	597404	39.846	ng	100
47) 2-Chloronaphthalene	9.275	162	438926	39.590	ng	100
48) 2-Nitroaniline	9.375	65	150922	40.563	ng	100
49) Acenaphthylene	9.692	152	656124	39.789	ng	100
50) Dimethylphthalate	9.551	163	520384	39.638	ng	100
51) 2,6-Dinitrotoluene	9.616	165	116338	40.536	ng	100
52) Acenaphthene	9.863	154	445515	40.186	ng	100
53) 3-Nitroaniline	9.786	138	123530	39.991	ng	100
54) 2,4-Dinitrophenol	9.892	184	68489	40.153	ng	100
55) Dibenzofuran	10.033	168	647242	39.775	ng	100
56) 4-Nitrophenol	9.957	139	96456	42.065	ng	100
57) 2,4-Dinitrotoluene	10.022	165	153824	40.262	ng	100
58) Fluorene	10.375	166	498929	39.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	134581	39.888	ng	100
60) Diethylphthalate	10.251	149	514358	39.821	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	240707	39.767	ng	100
62) 4-Nitroaniline	10.398	138	129392	41.253	ng	100
63) Azobenzene	10.527	77	512692	39.926	ng	100
65) 4,6-Dinitro-2-methylph...	10.427	198	95521	40.874	ng	100
66) n-Nitrosodiphenylamine	10.492	169	421937	39.180	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	148603	39.522	ng	100
68) Hexachlorobenzene	10.927	284	152664	39.430	ng	100
69) Atrazine	11.016	200	124494	38.533	ng	100
70) Pentachlorophenol	11.122	266	103806	41.930	ng	100
71) Phenanthrene	11.339	178	729585	39.397	ng	100
72) Anthracene	11.392	178	728337	39.125	ng	100
73) Carbazole	11.551	167	663523	39.613	ng	100
74) Di-n-butylphthalate	11.880	149	767961	39.706	ng	100
75) Fluoranthene	12.527	202	774369	39.441	ng	100
77) Benzidine	12.651	184	238261	47.917	ng	100
78) Pyrene	12.757	202	786956	41.002	ng	100
80) Butylbenzylphthalate	13.380	149	274711	41.323	ng	100
81) Benzo(a)anthracene	13.945	228	606669	40.479	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	170181	39.640	ng	100
83) Chrysene	13.986	228	541376	39.121	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	310696	41.438	ng	100
85) Di-n-octyl phthalate	14.562	149	435142	40.682	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	471272	41.699	ng	100
88) Benzo(b)fluoranthene	14.998	252	488585	39.783	ng	100
89) Benzo(k)fluoranthene	15.021	252	417770	39.836	ng	100
90) Benzo(a)pyrene	15.357	252	395193	39.767	ng	100
91) Dibenzo(a,h)anthracene	16.874	278	384623	42.001	ng	100
92) Benzo(g,h,i)perylene	17.298	276	402413	41.992	ng	100

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

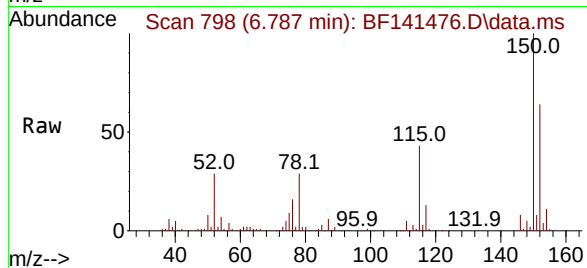
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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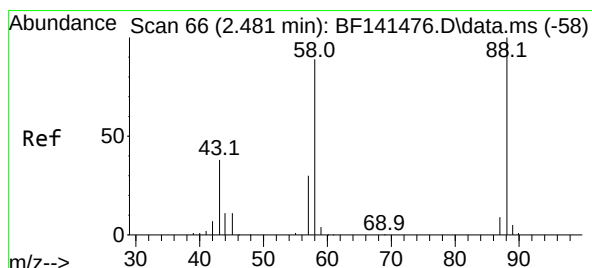
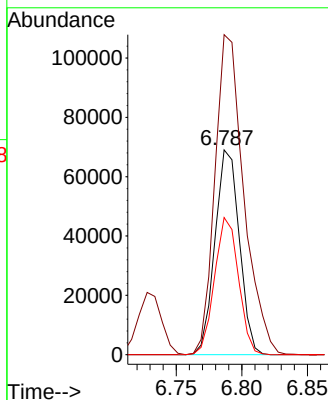
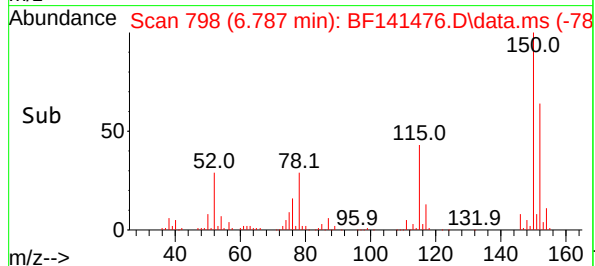


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

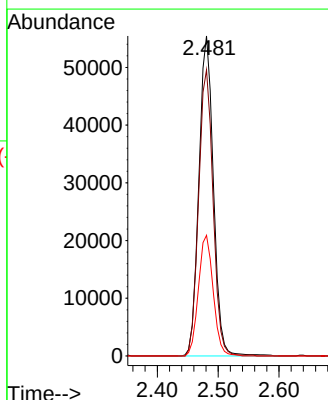
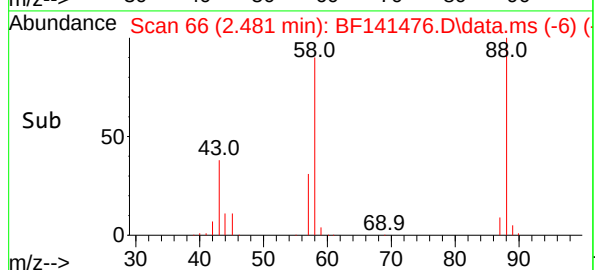
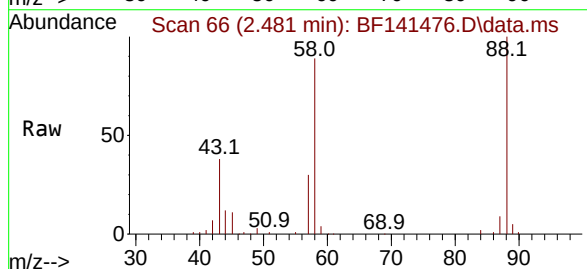


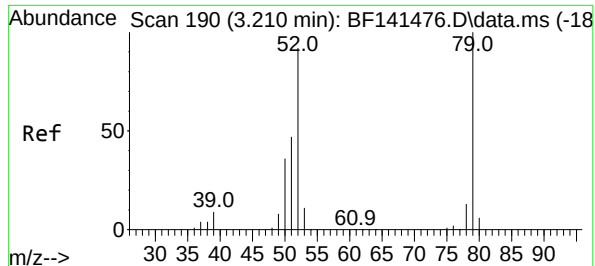
Tgt Ion:152 Resp: 89095
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 67.0 53.6 80.4



#2
1,4-Dioxane
Concen: 40.262 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 88 Resp: 92090
Ion Ratio Lower Upper
88 100
58 88.9 71.1 106.7
43 38.3 30.6 46.0





#3

Pyridine

Concen: 41.344 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

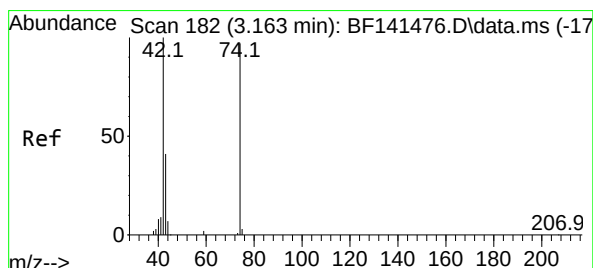
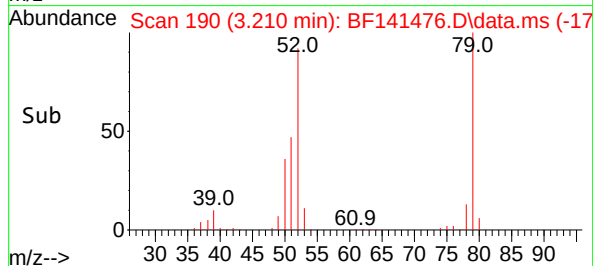
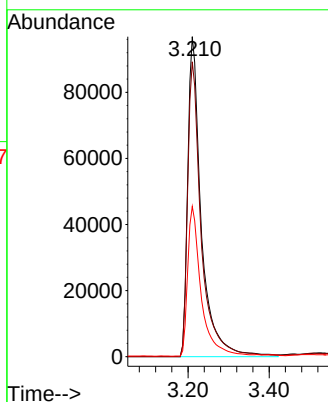
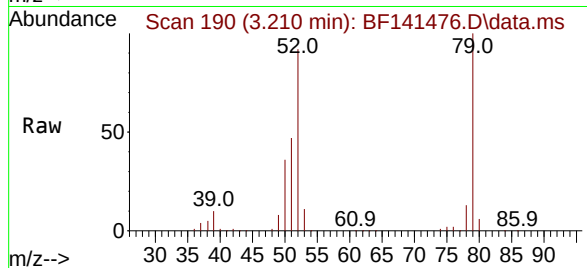
Tgt Ion: 79 Resp: 225032

Ion Ratio Lower Upper

79 100

52 92.1 73.7 110.5

51 46.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.456 ng

RT: 3.163 min Scan# 182

Delta R.T. -0.023 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

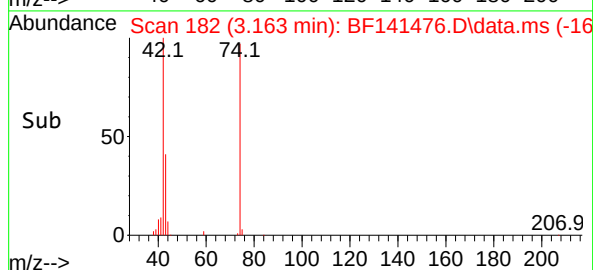
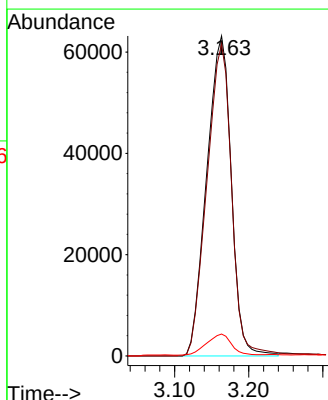
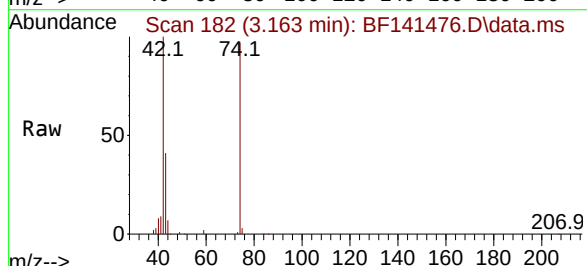
Tgt Ion: 42 Resp: 145802

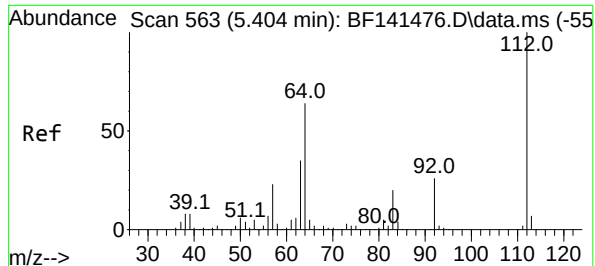
Ion Ratio Lower Upper

42 100

74 97.5 78.0 117.0

44 6.8 5.4 8.2

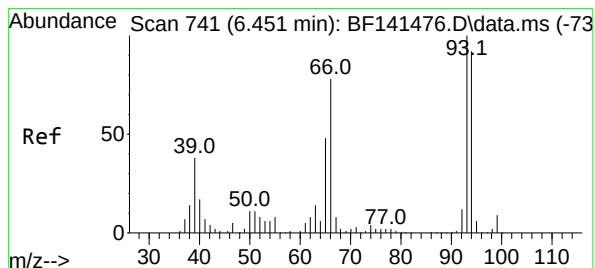
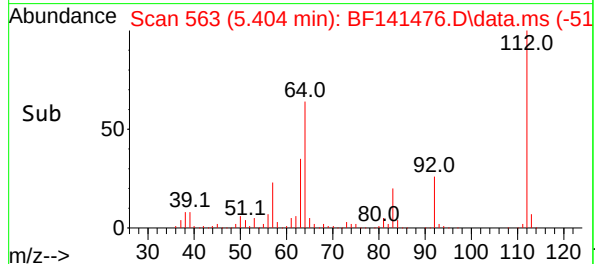
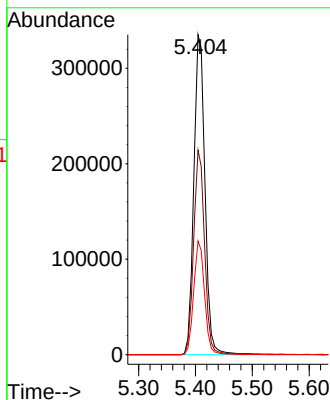
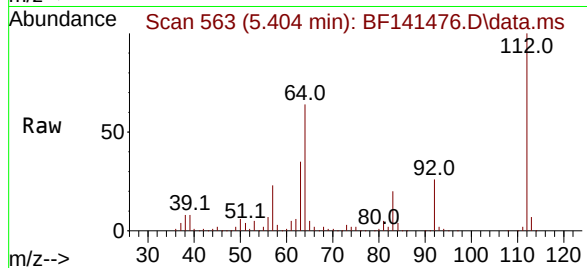




#5
2-Fluorophenol
Concen: 80.841 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

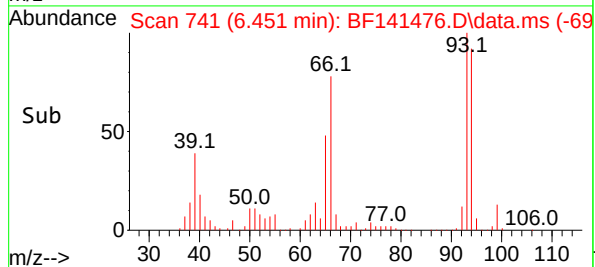
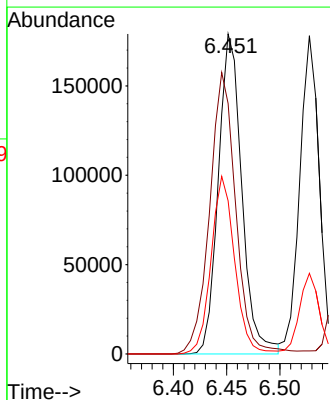
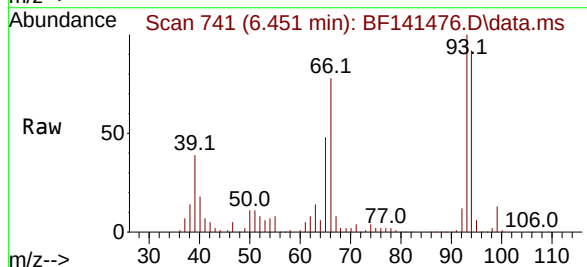
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

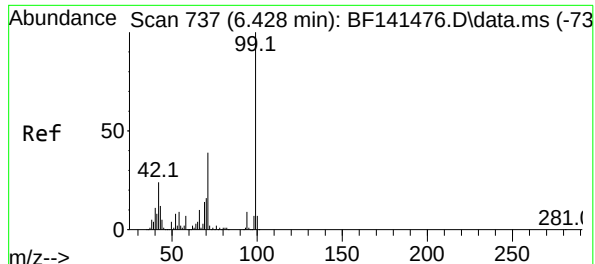
Tgt Ion:112 Resp: 459422
Ion Ratio Lower Upper
112 100
64 63.9 51.1 76.7
63 35.5 28.4 42.6



#6
Aniline
Concen: 40.681 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 93 Resp: 274102
Ion Ratio Lower Upper
93 100
66 78.3 62.6 94.0
65 47.9 38.3 57.5

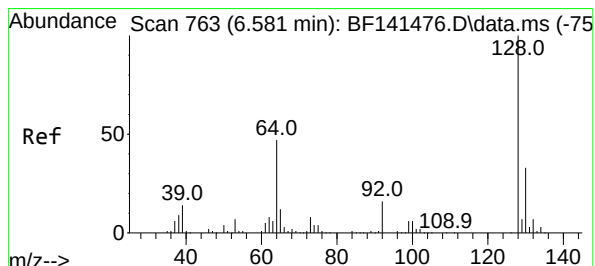
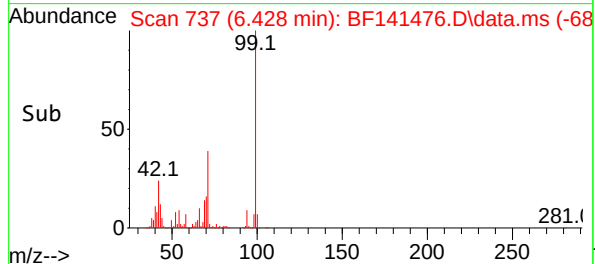
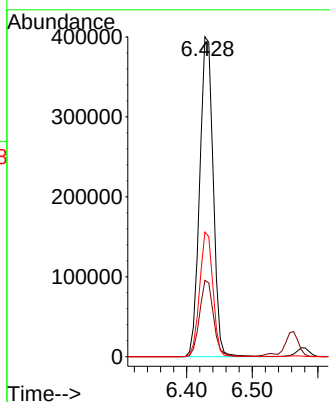
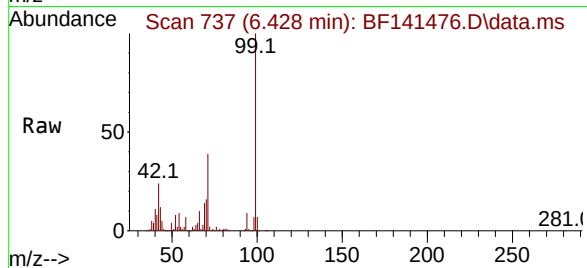




#7
Phenol-d6
Concen: 80.025 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

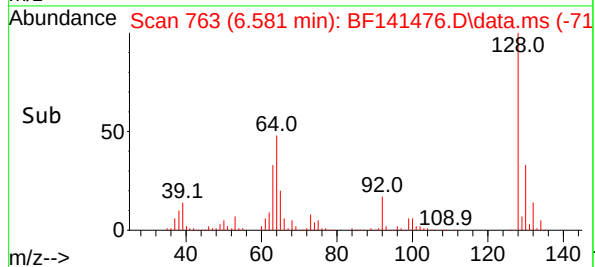
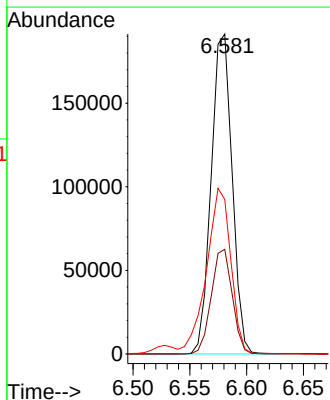
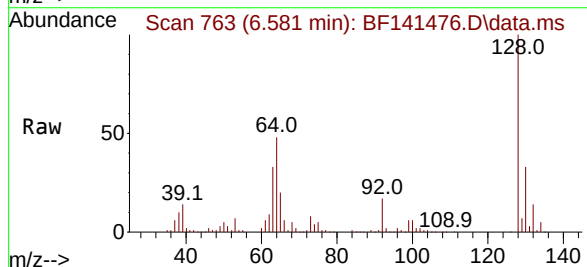
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

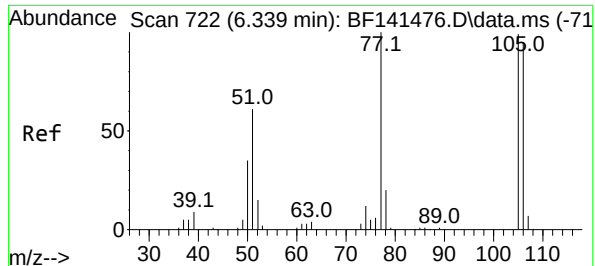
Tgt Ion: 99 Resp: 574808
Ion Ratio Lower Upper
99 100
42 23.9 19.1 28.7
71 38.9 31.1 46.7



#8
2-Chlorophenol
Concen: 40.008 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 128 Resp: 245676
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 48.3 28.3 68.3





#9

Benzaldehyde

Concen: 38.350 ng

RT: 6.339 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

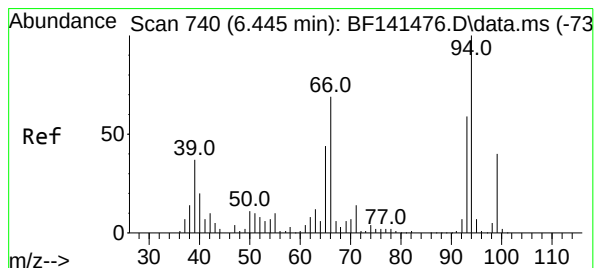
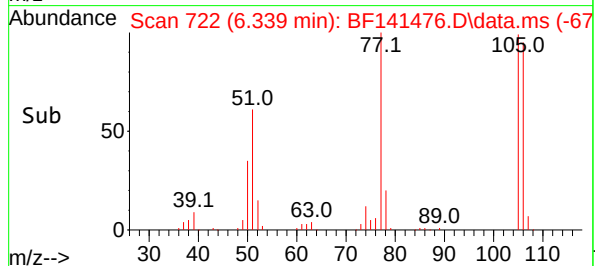
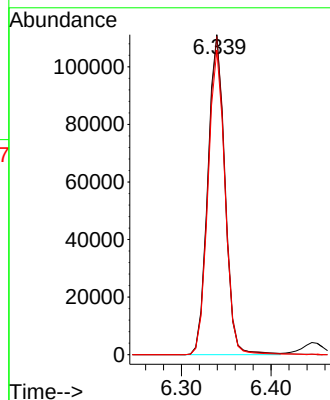
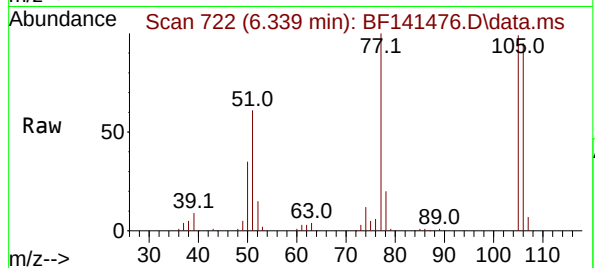
Tgt Ion: 77 Resp: 146382

Ion Ratio Lower Upper

77 100

105 99.4 79.4 119.4

106 95.1 75.1 115.1



#10

Phenol

Concen: 40.171 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

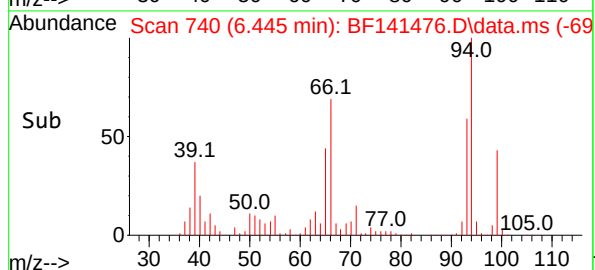
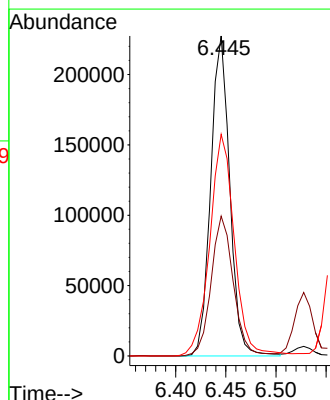
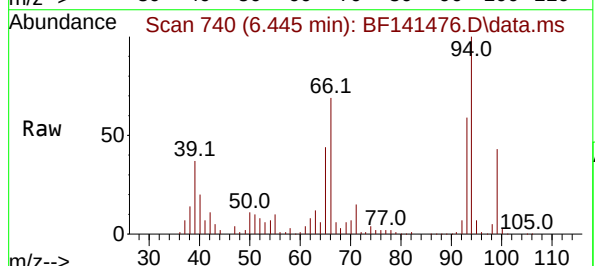
Tgt Ion: 94 Resp: 300315

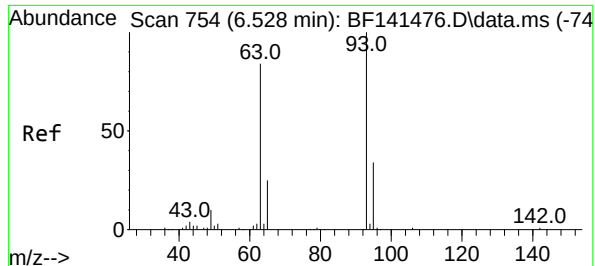
Ion Ratio Lower Upper

94 100

65 43.7 23.7 63.7

66 69.3 49.3 89.3





#11

bis(2-Chloroethyl)ether

Concen: 40.188 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

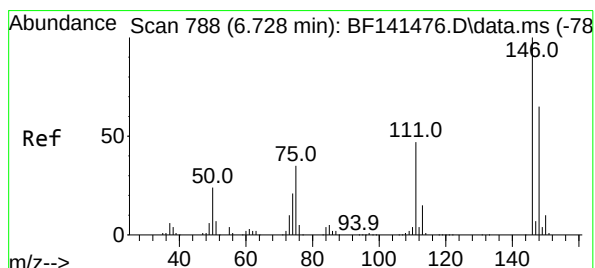
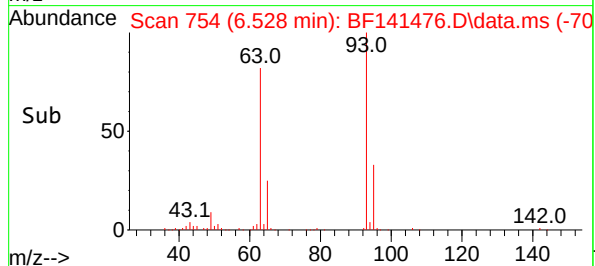
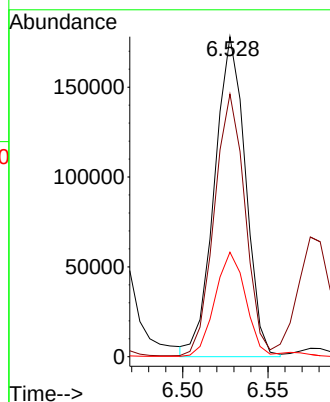
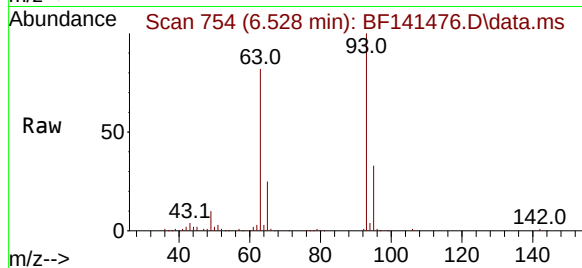
Tgt Ion: 93 Resp: 225665

Ion Ratio Lower Upper

93 100

63 82.0 62.0 102.0

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.613 ng

RT: 6.728 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

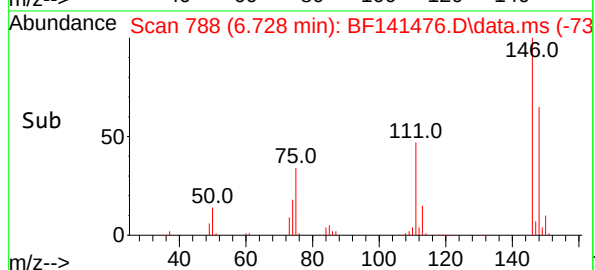
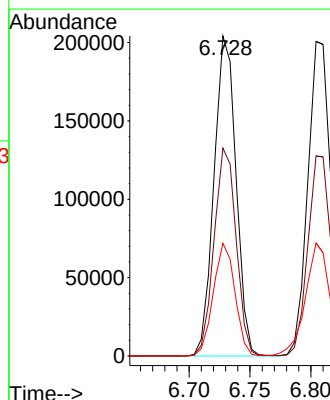
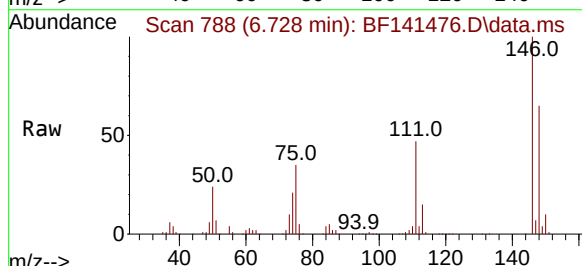
Tgt Ion:146 Resp: 256806

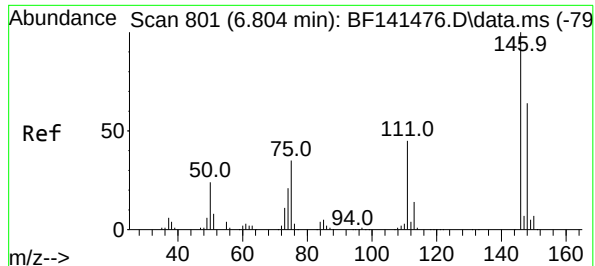
Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.574 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

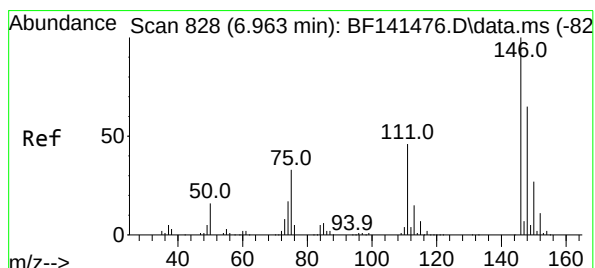
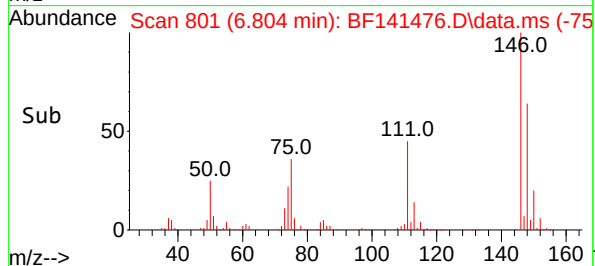
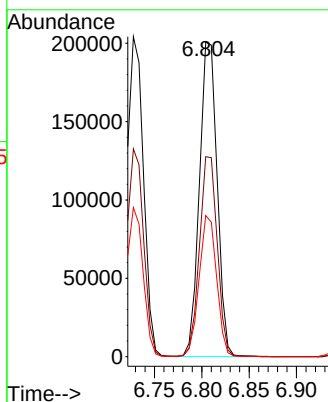
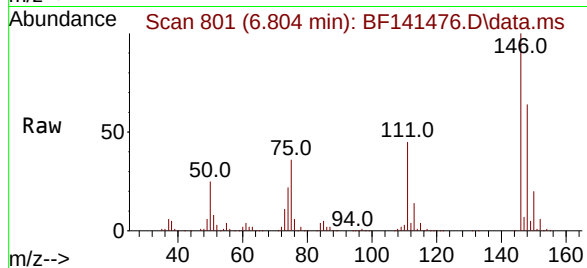
Tgt Ion:146 Resp: 262121

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

111 44.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.814 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

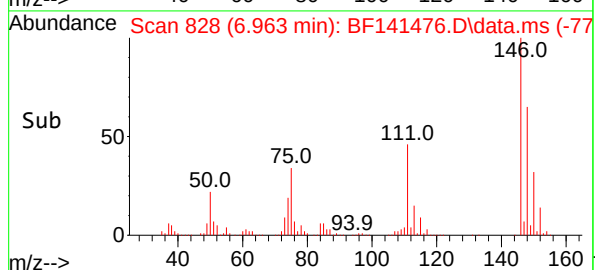
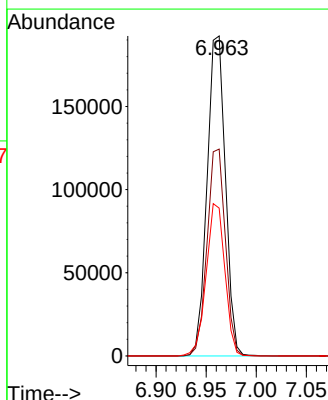
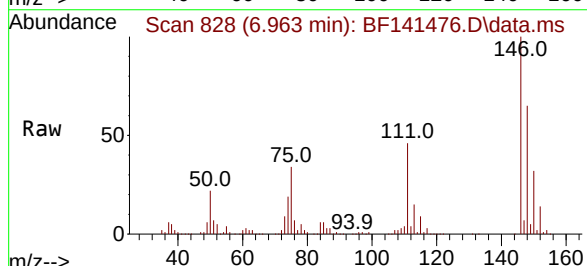
Tgt Ion:146 Resp: 244757

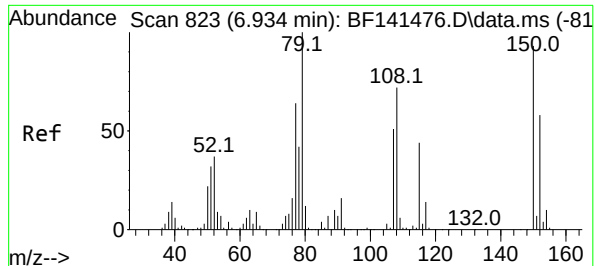
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

111 46.2 37.0 55.4

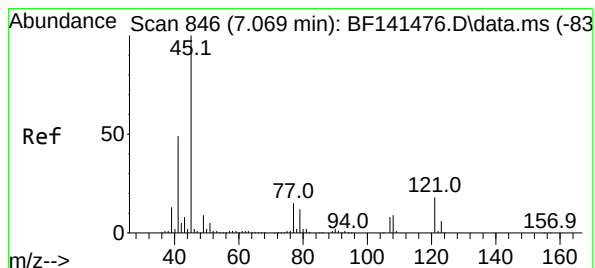
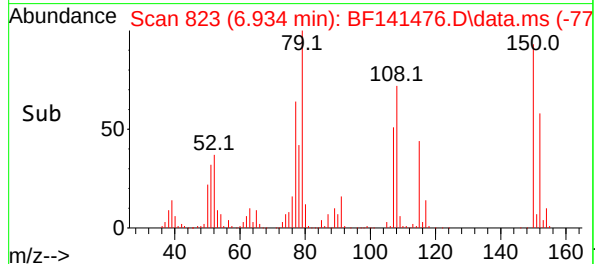
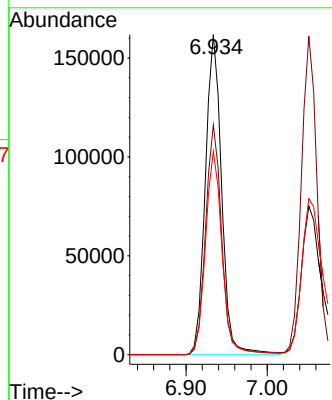
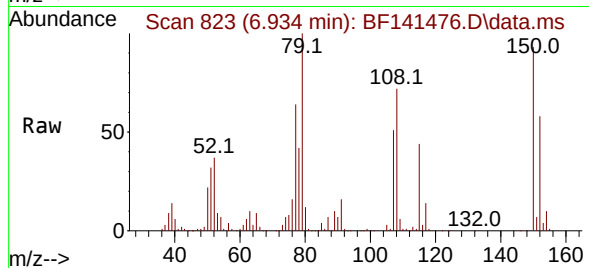




#15
Benzyl Alcohol
Concen: 40.841 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

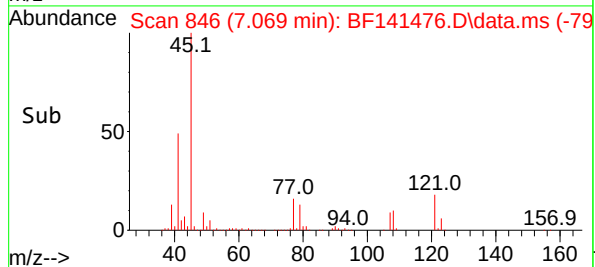
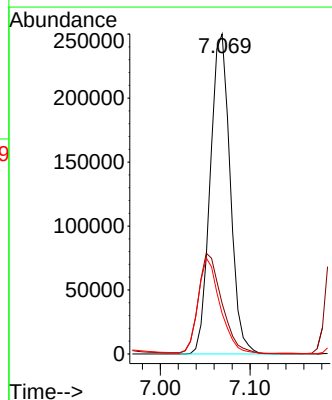
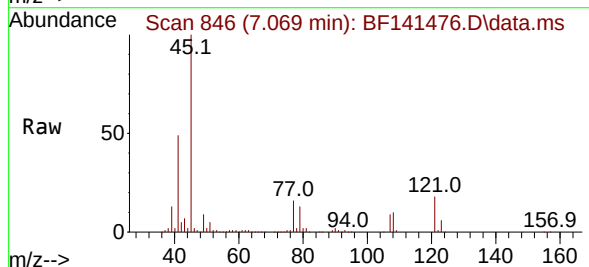
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

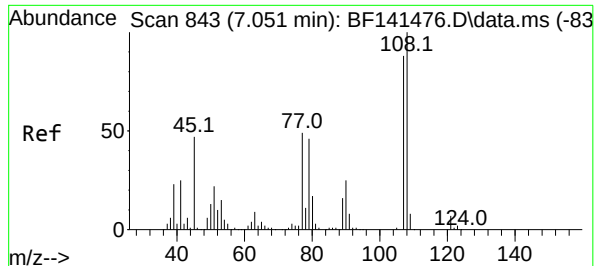
Tgt Ion: 79 Resp: 224961
Ion Ratio Lower Upper
79 100
108 71.8 57.4 86.2
77 63.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.130 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 45 Resp: 385739
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.8
79 12.7 0.0 32.7

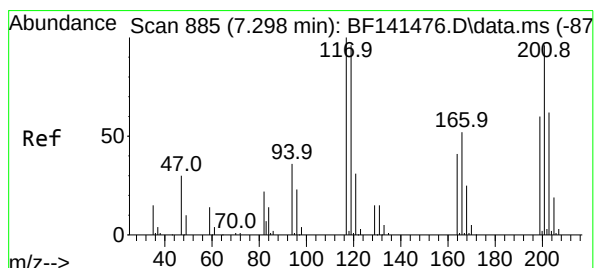
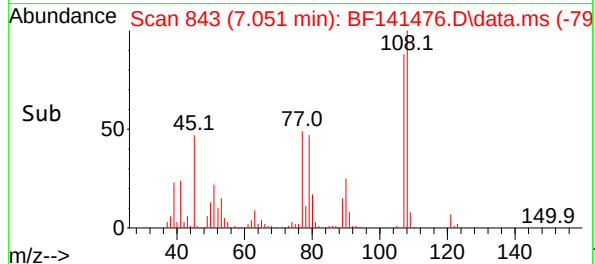
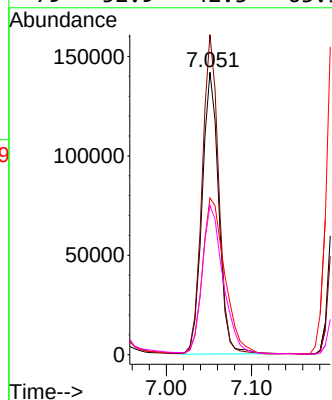
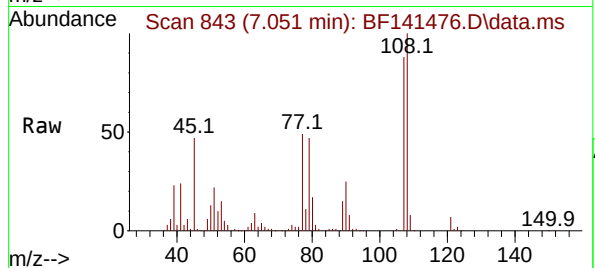




#17
2-Methylphenol
Concen: 39.951 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

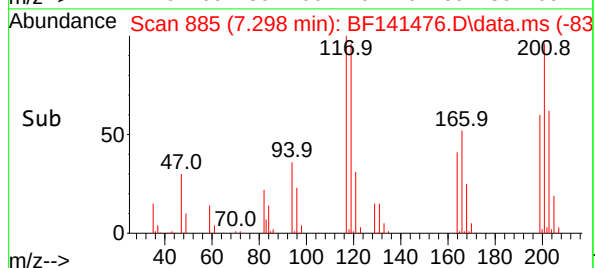
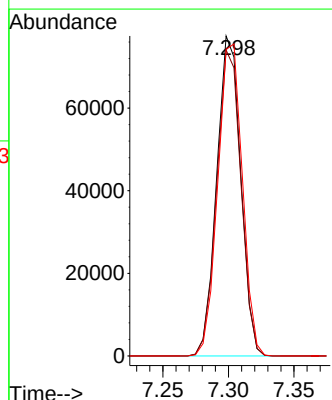
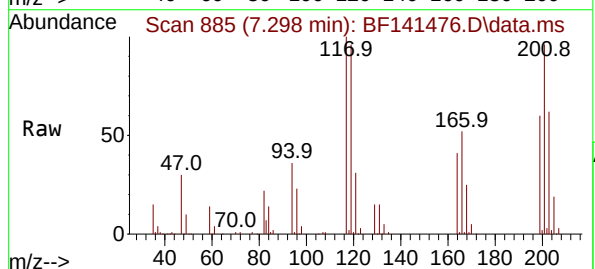
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

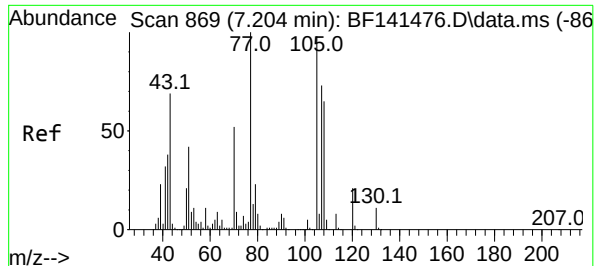
Tgt Ion:107 Resp: 191970
Ion Ratio Lower Upper
107 100
108 113.3 90.6 136.0
77 55.5 44.4 66.6
79 52.9 42.3 63.5



#18
Hexachloroethane
Concen: 40.215 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:117 Resp: 98581
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 95.9 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.198 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 172712

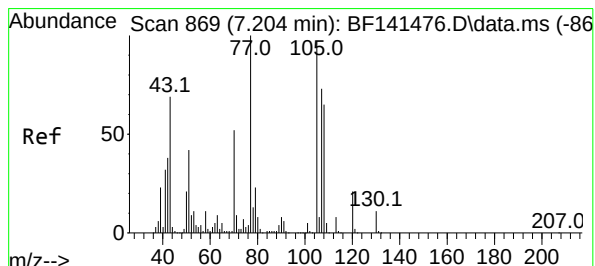
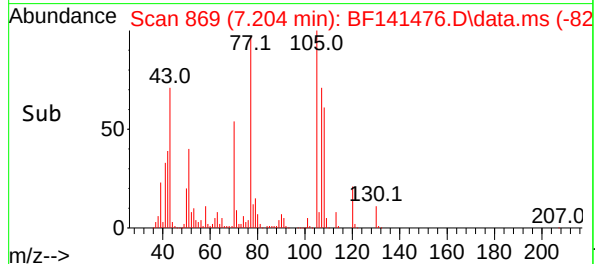
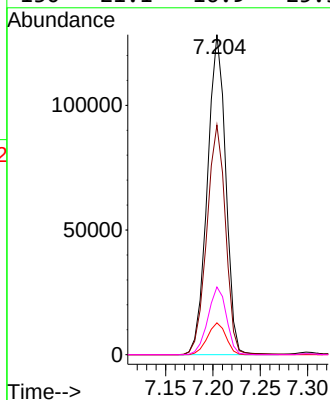
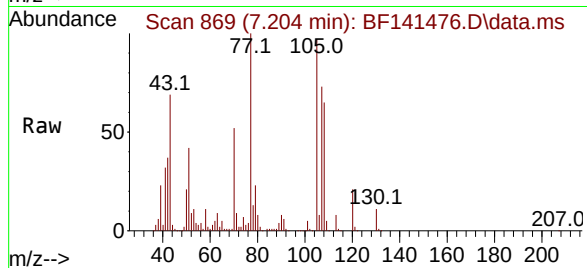
Ion Ratio Lower Upper

70 100

42 71.8 57.4 86.2

101 10.0 8.0 12.0

130 21.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 40.024 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion:107 Resp: 244439

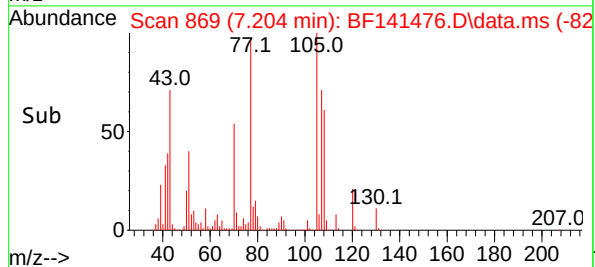
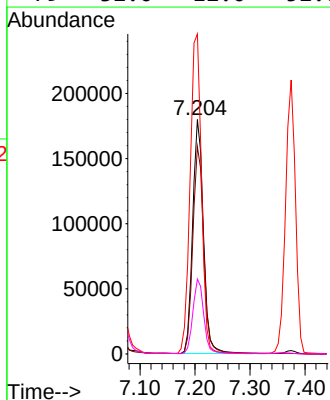
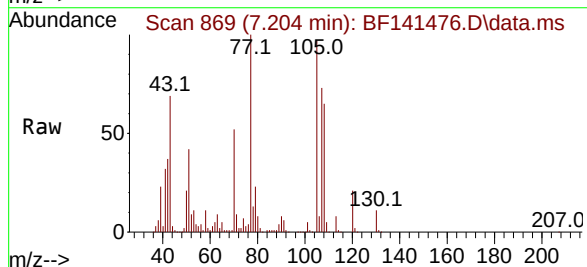
Ion Ratio Lower Upper

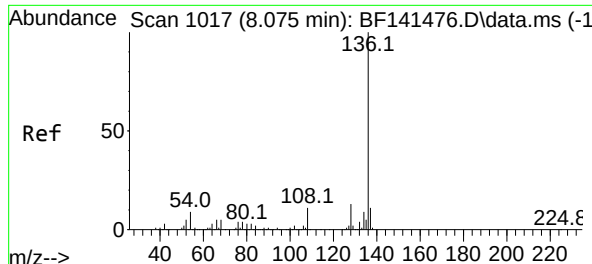
107 100

108 88.5 68.5 108.5

77 136.5 116.5 156.5

79 32.0 12.0 52.0

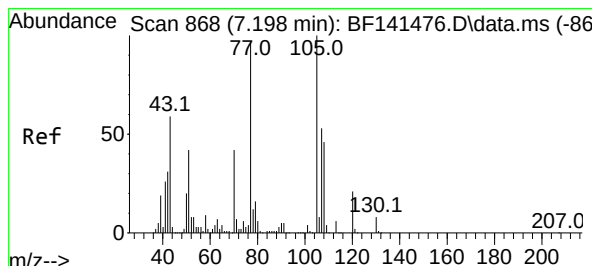
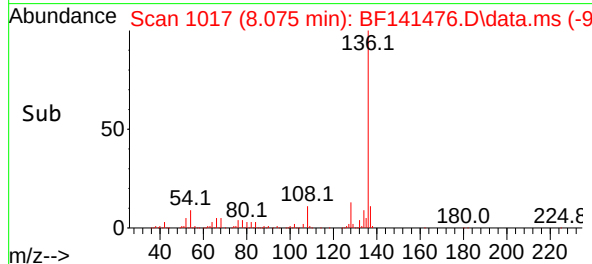
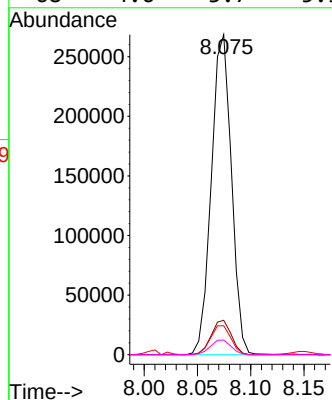
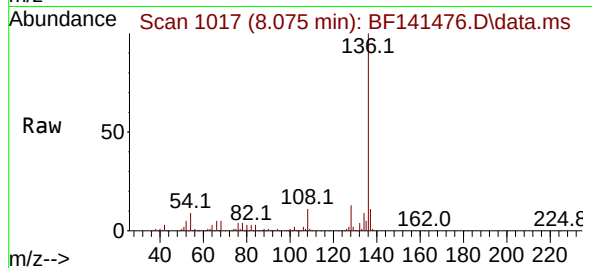




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

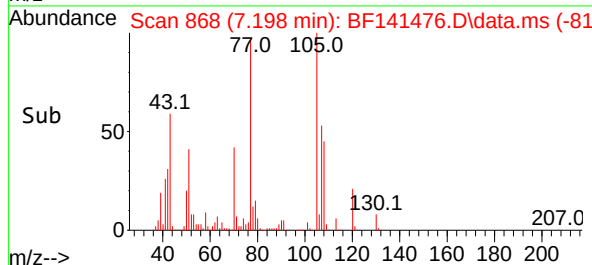
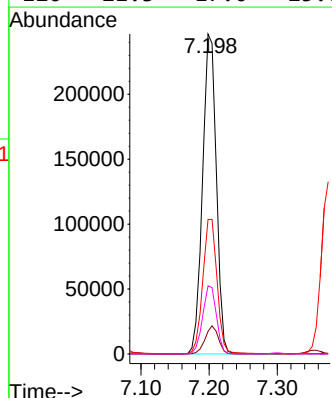
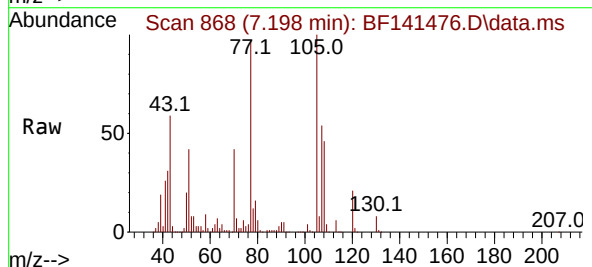
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

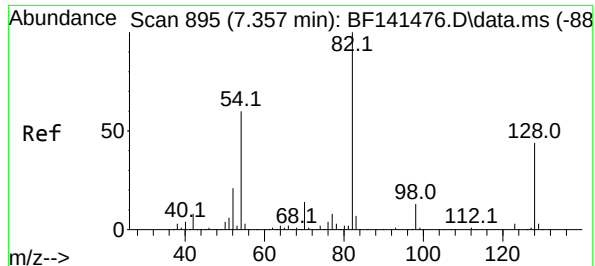
Tgt Ion:136 Resp: 351555
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.2 10.8
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 39.649 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:105 Resp: 346731
Ion Ratio Lower Upper
105 100
71 7.1 5.7 8.5
51 42.1 33.7 50.5
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.234 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

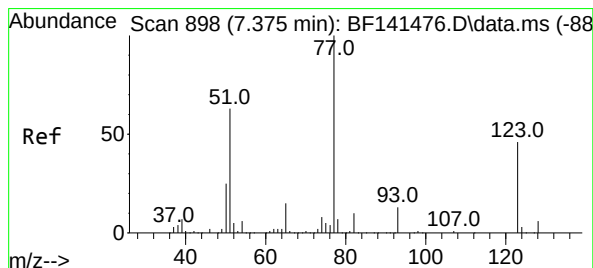
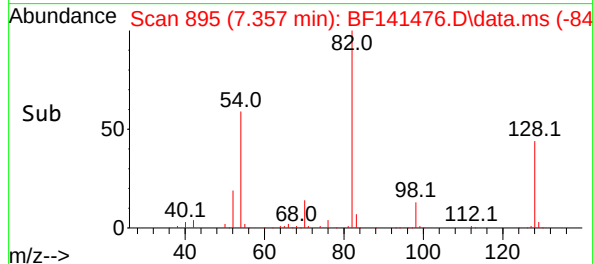
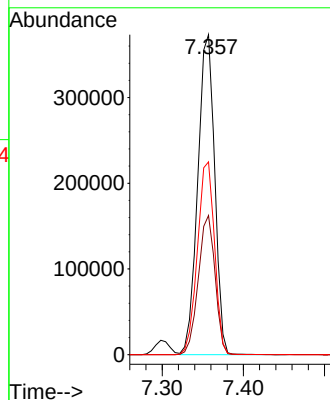
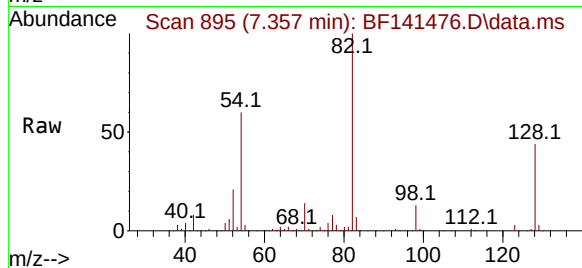
Tgt Ion: 82 Resp: 540793

Ion Ratio Lower Upper

82 100

128 43.5 34.8 52.2

54 60.3 48.2 72.4



#24

Nitrobenzene

Concen: 40.044 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

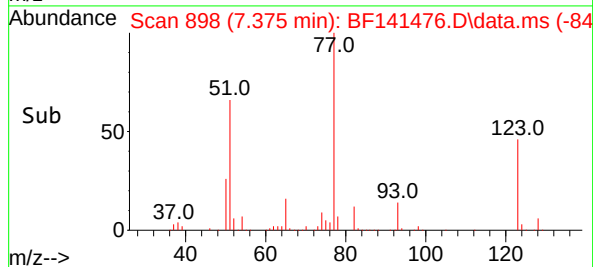
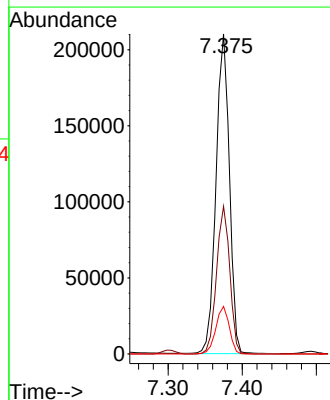
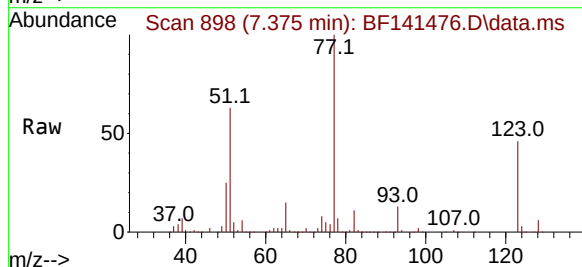
Tgt Ion: 77 Resp: 263188

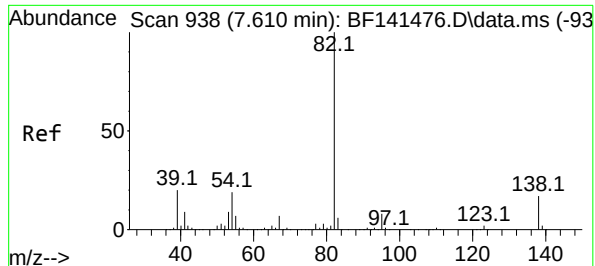
Ion Ratio Lower Upper

77 100

123 46.1 36.9 55.3

65 14.9 11.9 17.9





#25

Isophorone

Concen: 39.948 ng

RT: 7.610 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

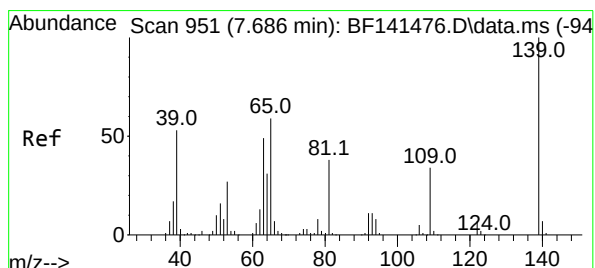
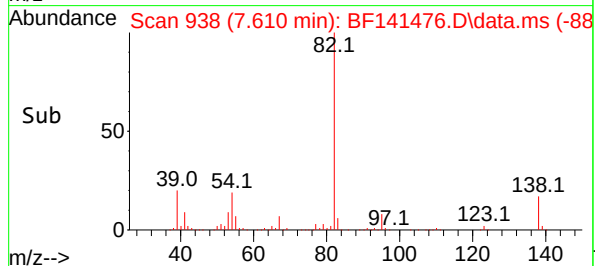
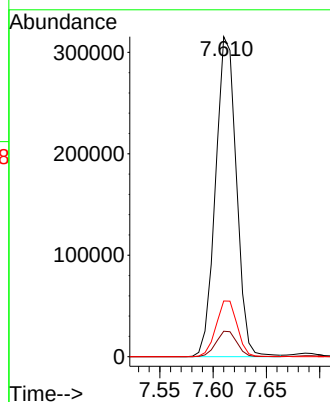
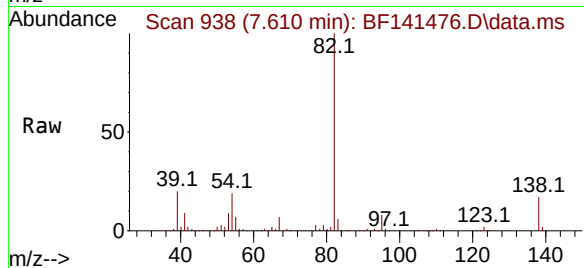
Tgt Ion: 82 Resp: 429323

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 17.4 13.9 20.9



#26

2-Nitrophenol

Concen: 41.394 ng

RT: 7.686 min Scan# 951

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

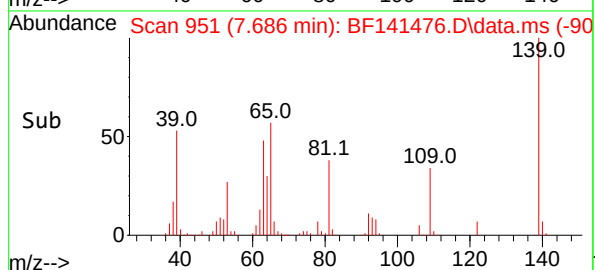
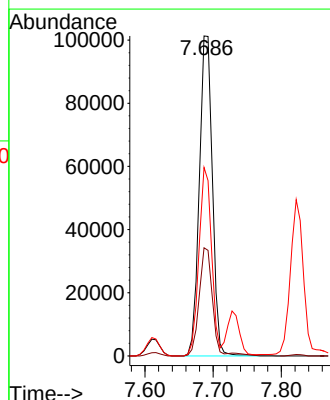
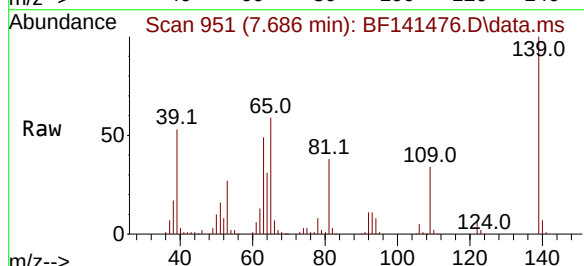
Tgt Ion:139 Resp: 135355

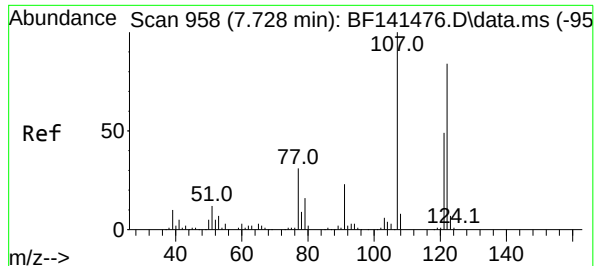
Ion Ratio Lower Upper

139 100

109 33.8 27.0 40.6

65 58.9 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 41.012 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

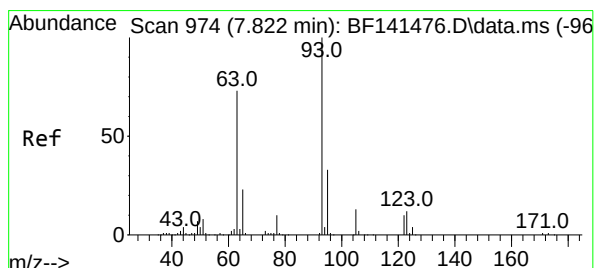
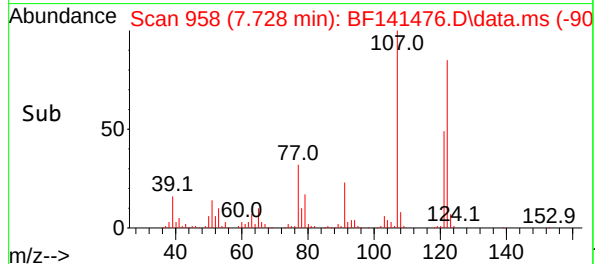
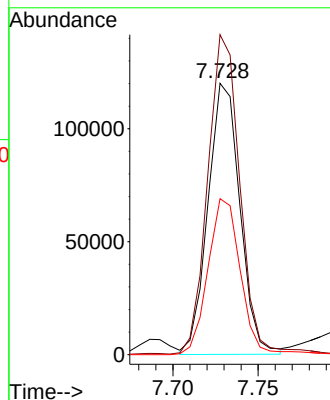
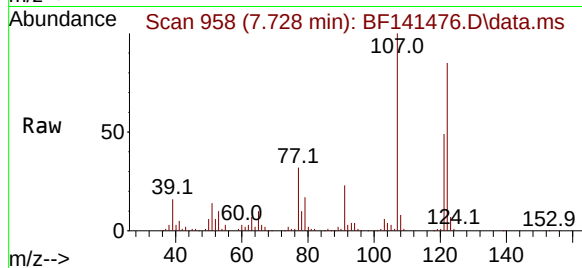
Tgt Ion:122 Resp: 156665

Ion Ratio Lower Upper

122 100

107 117.9 94.3 141.5

121 57.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.185 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

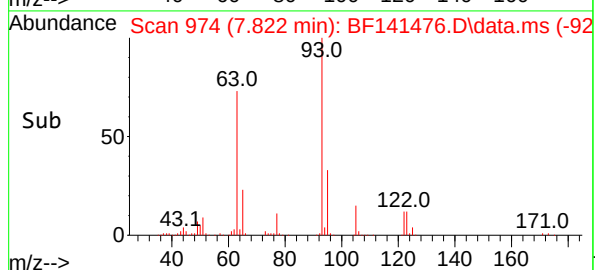
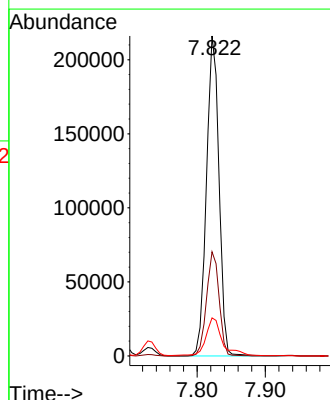
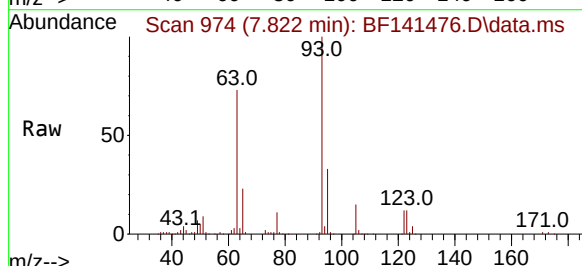
Tgt Ion: 93 Resp: 276730

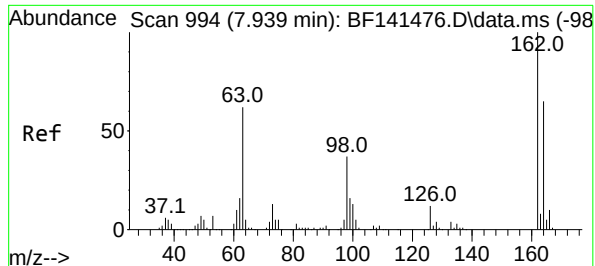
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.375 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

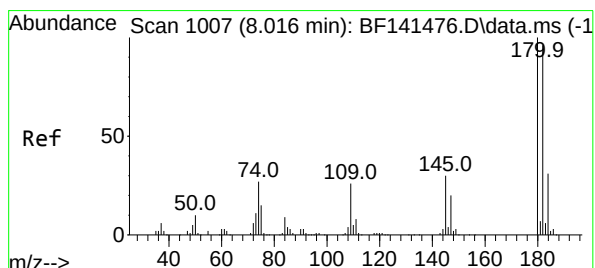
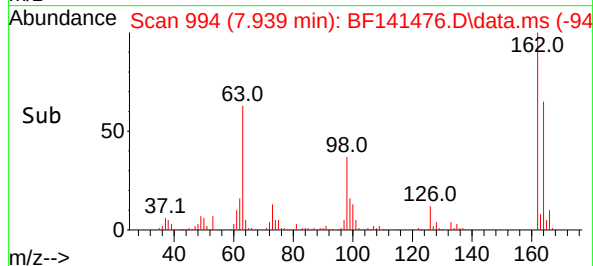
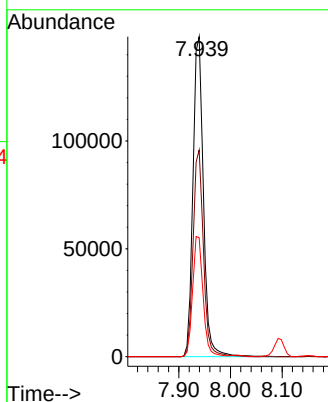
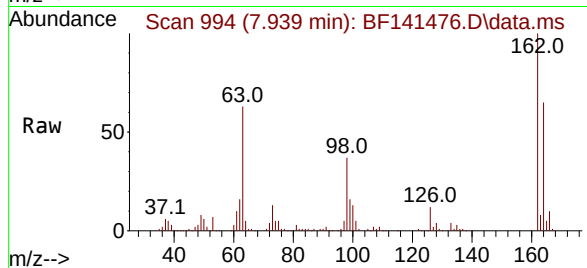
Tgt Ion:162 Resp: 208390

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 37.2 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.619 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

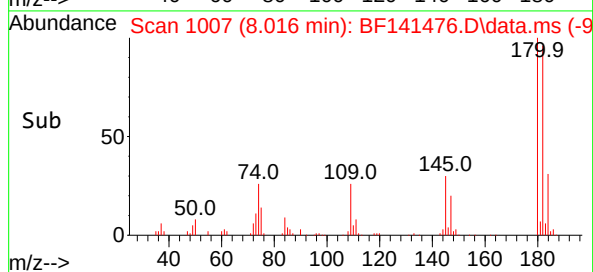
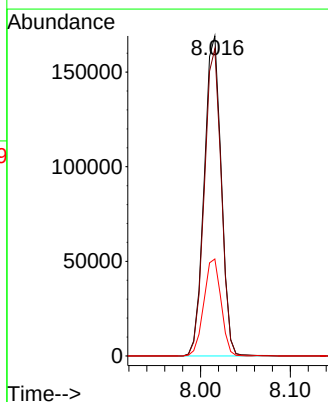
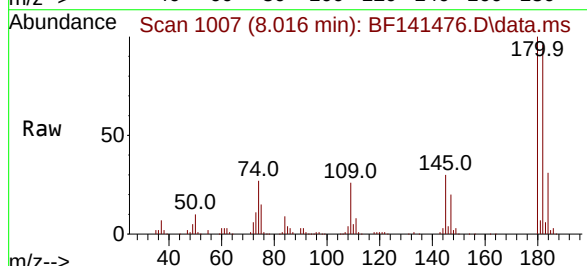
Tgt Ion:180 Resp: 222679

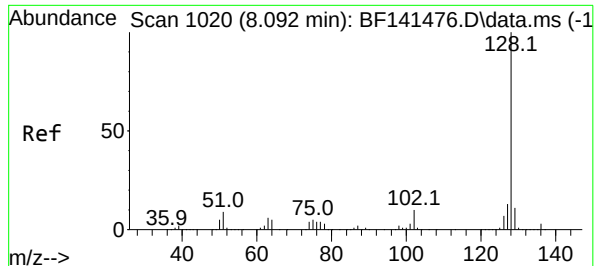
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 30.3 24.2 36.4





#31

Naphthalene

Concen: 39.856 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

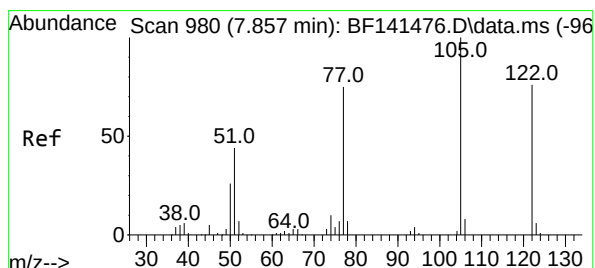
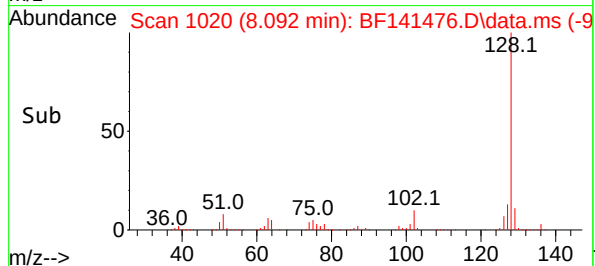
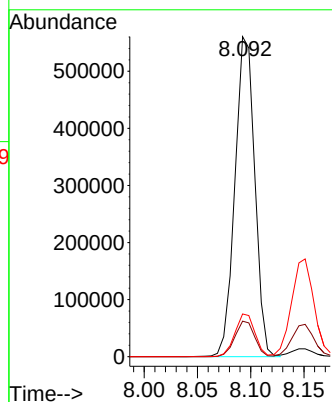
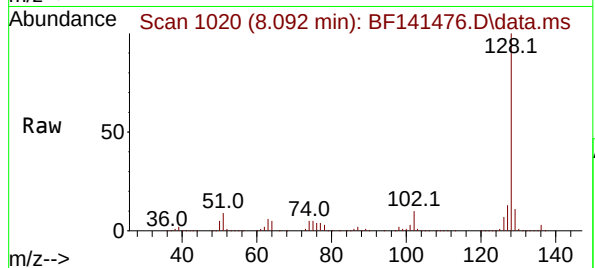
Tgt Ion:128 Resp: 729358

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 40.625 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.035 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

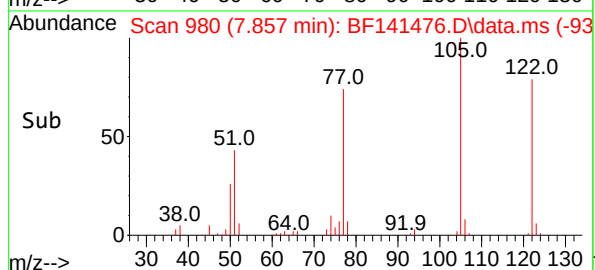
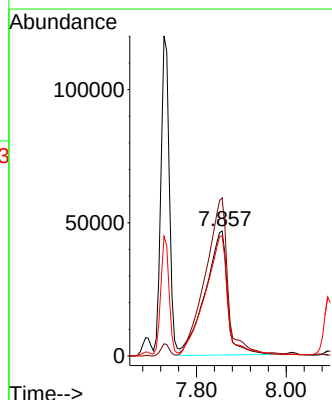
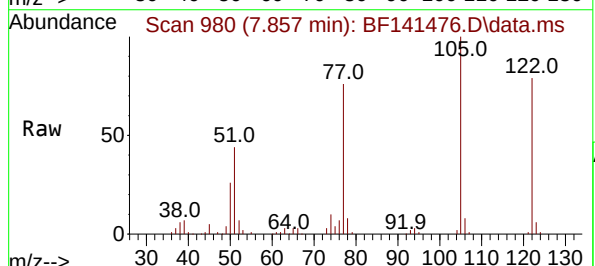
Tgt Ion:122 Resp: 161196

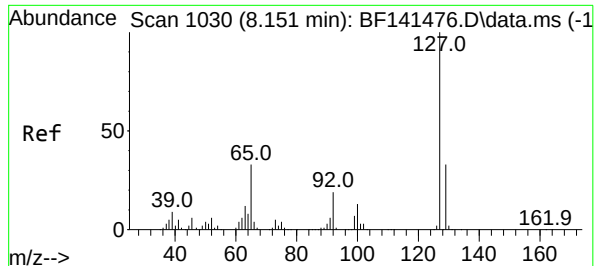
Ion Ratio Lower Upper

122 100

105 126.5 106.5 146.5

77 96.3 76.3 116.3





#33

4-Chloroaniline

Concen: 40.029 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 255749

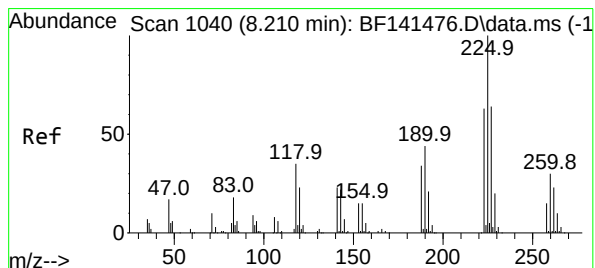
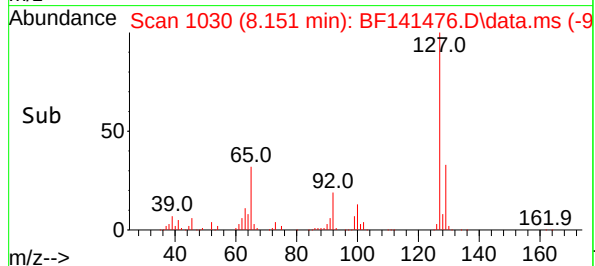
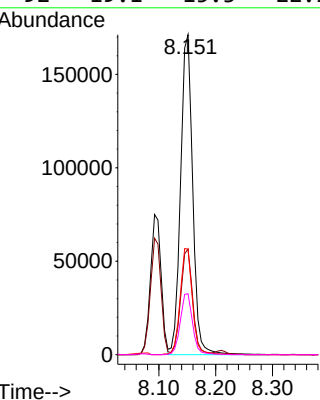
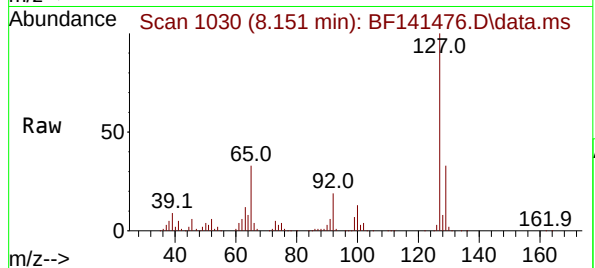
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 33.0 26.4 39.6

92 19.1 15.3 22.9



#34

Hexachlorobutadiene

Concen: 40.051 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

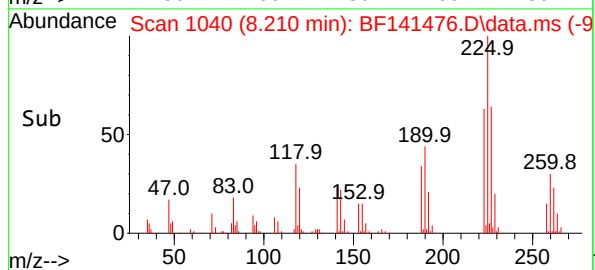
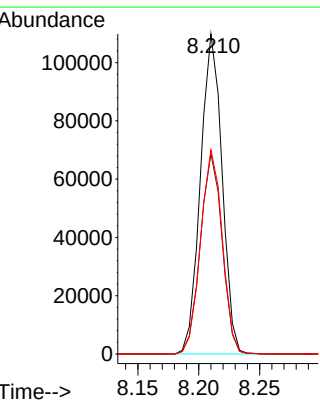
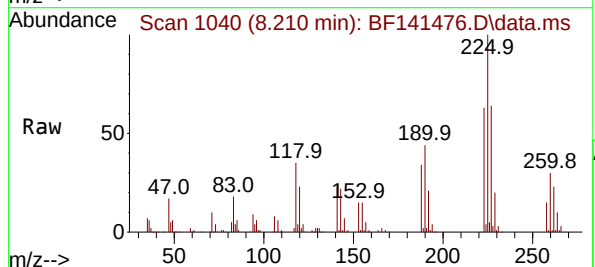
Tgt Ion:225 Resp: 135140

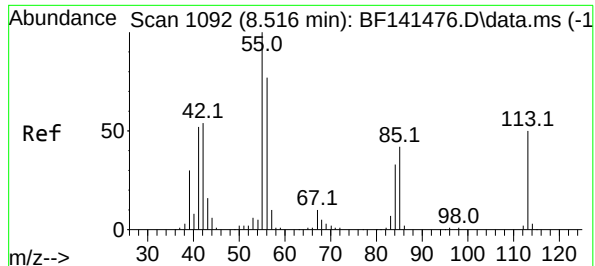
Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

227 63.8 51.0 76.6

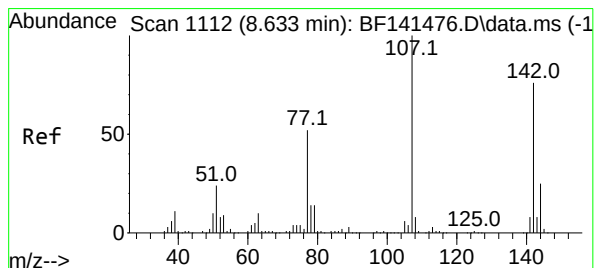
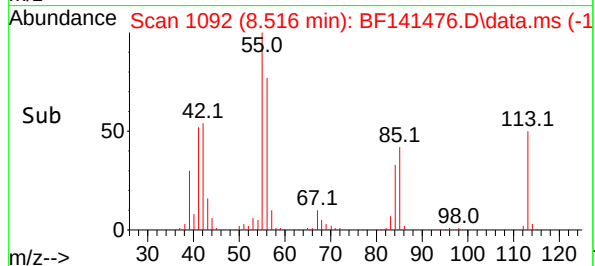
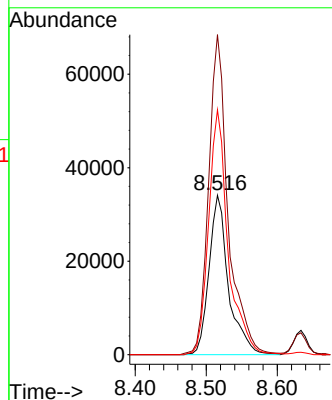
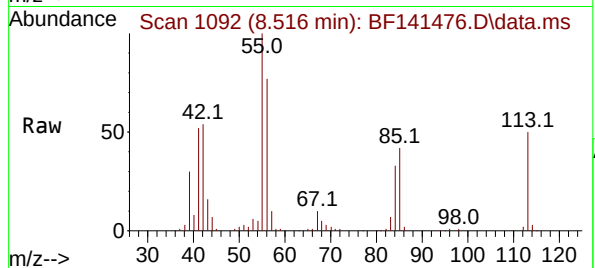




#35
Caprolactam
Concen: 41.461 ng
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

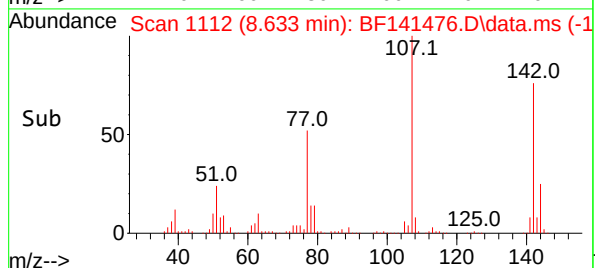
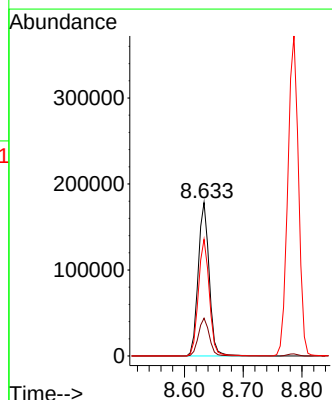
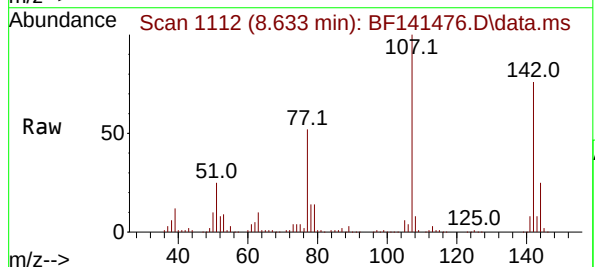
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

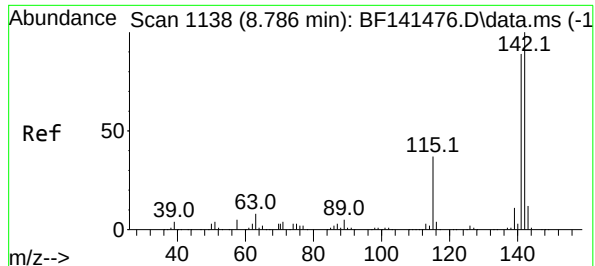
Tgt Ion:113 Resp: 65155
Ion Ratio Lower Upper
113 100
55 200.8 180.8 220.8
56 153.6 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 40.464 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:107 Resp: 231344
Ion Ratio Lower Upper
107 100
144 24.6 19.7 29.5
142 76.0 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.496 ng

RT: 8.786 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

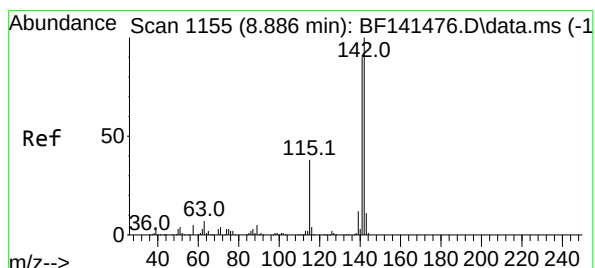
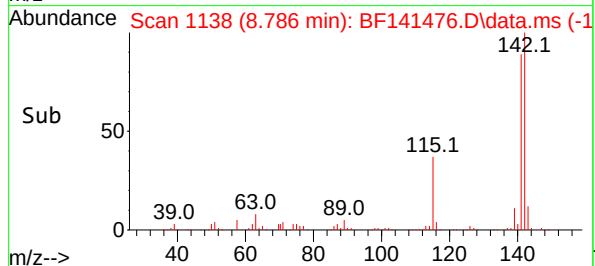
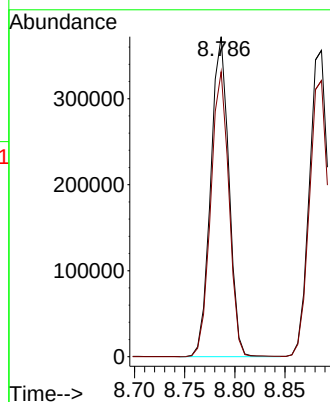
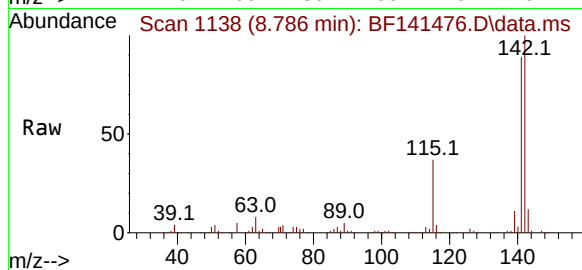
SSTDICCC040

Tgt Ion:142 Resp: 470332

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 39.987 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF141476.D

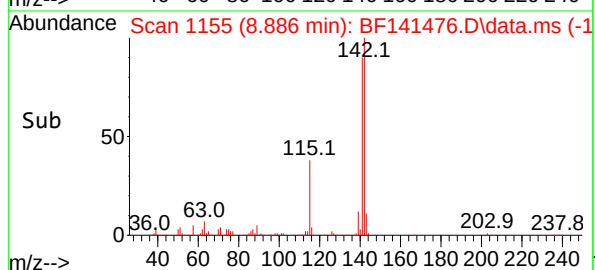
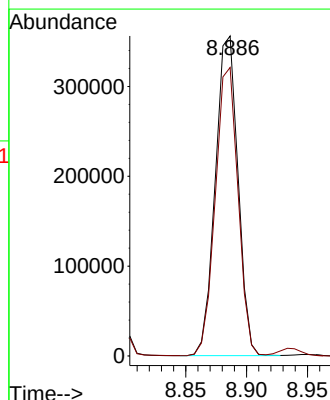
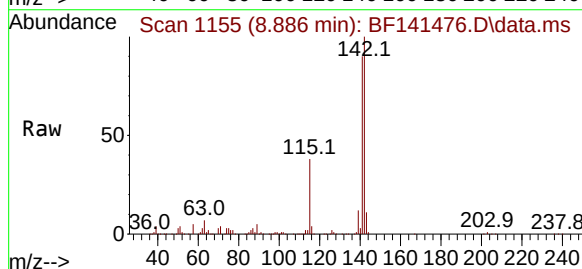
Acq: 06 Feb 2025 12:55

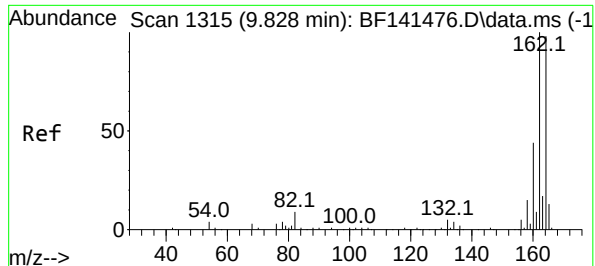
Tgt Ion:142 Resp: 461189

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11315

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

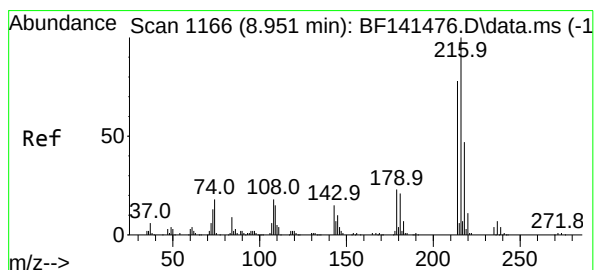
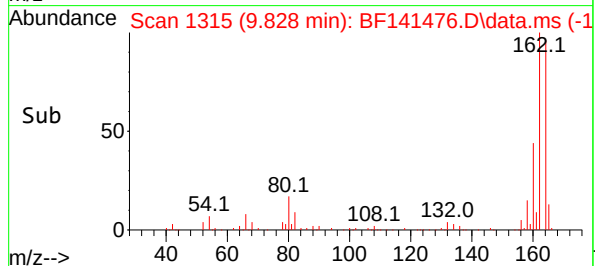
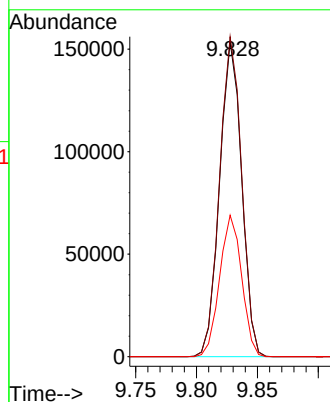
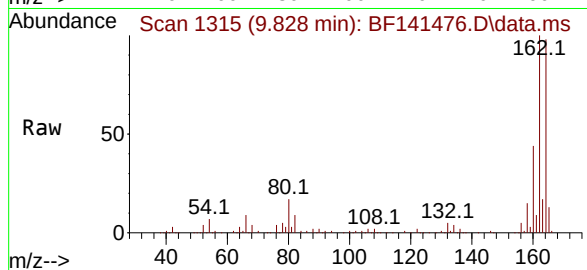
Tgt Ion:164 Resp: 193385

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.383 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion:216 Resp: 225938

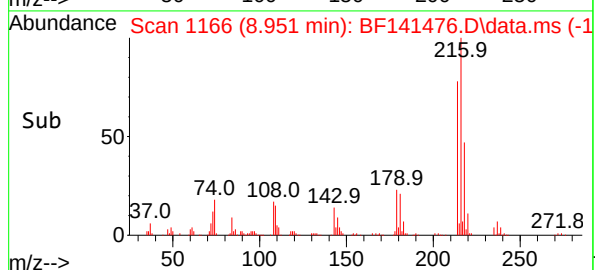
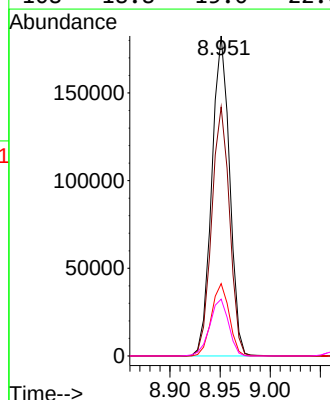
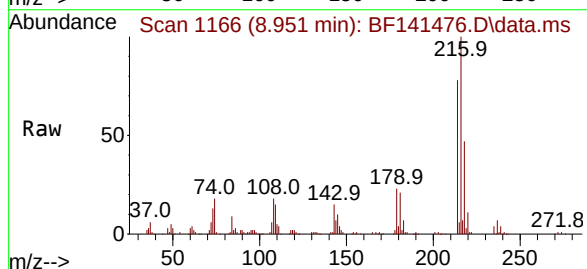
Ion Ratio Lower Upper

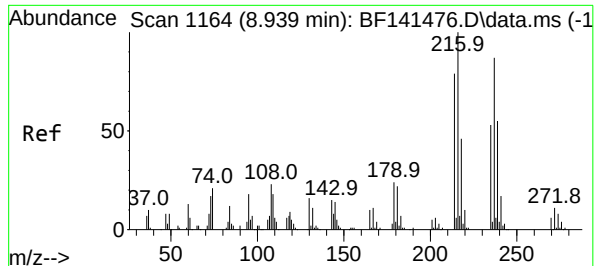
216 100

214 77.9 62.3 93.5

179 22.5 18.0 27.0

108 18.8 15.0 22.6

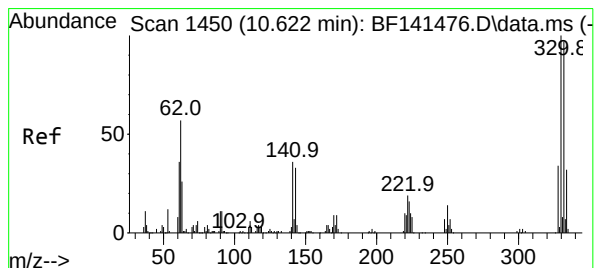
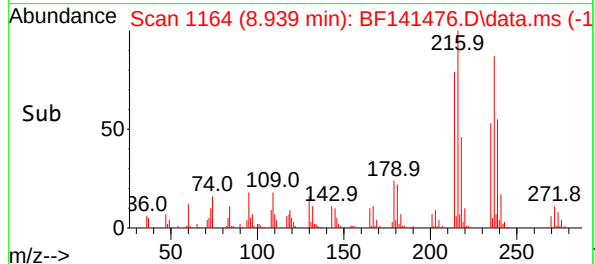
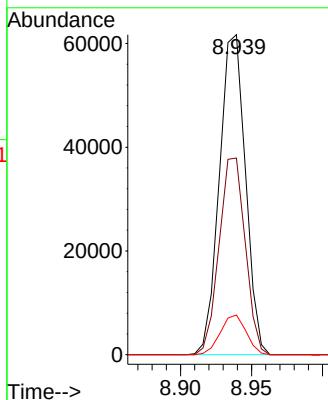
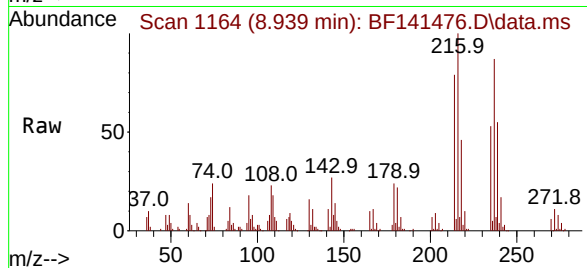




#41
Hexachlorocyclopentadiene
Concen: 42.325 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

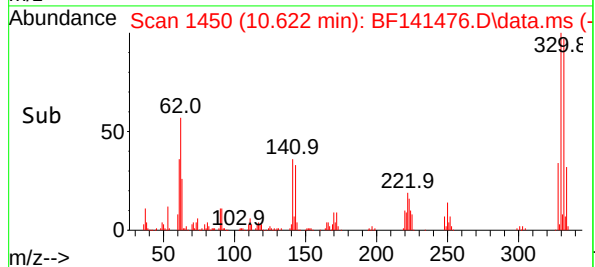
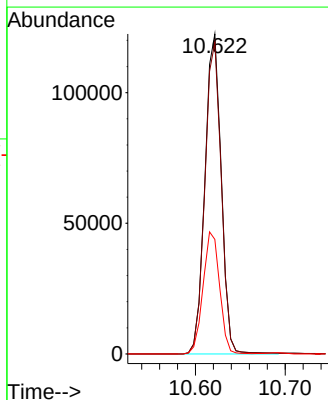
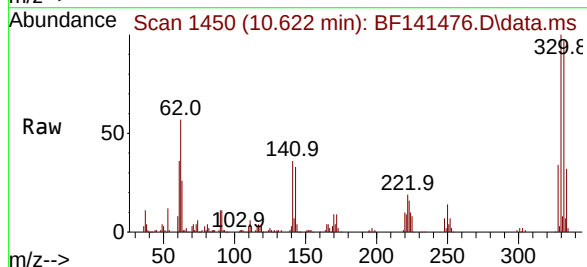
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

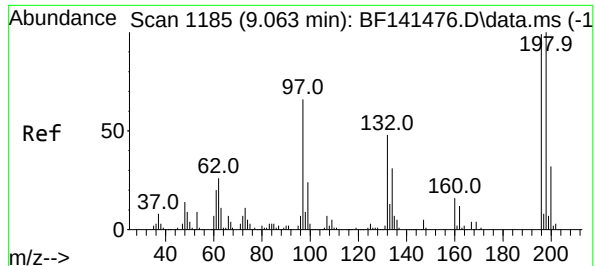
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.4	41.4	81.4
272	12.4	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 79.647 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.005 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.5	117.7
141	38.7	31.0	46.4





#43

2,4,6-Trichlorophenol

Concen: 40.288 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

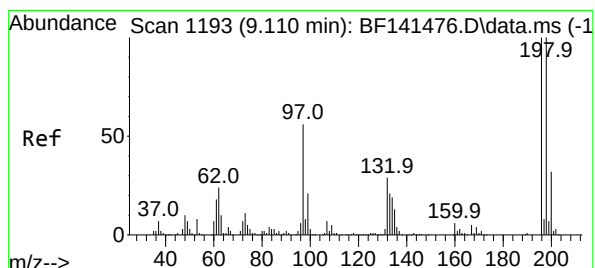
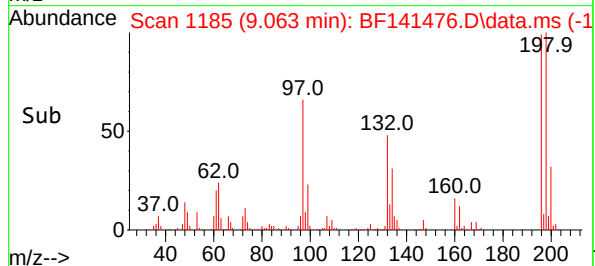
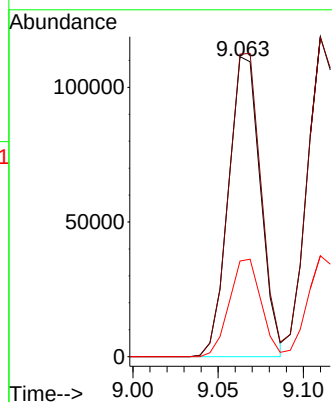
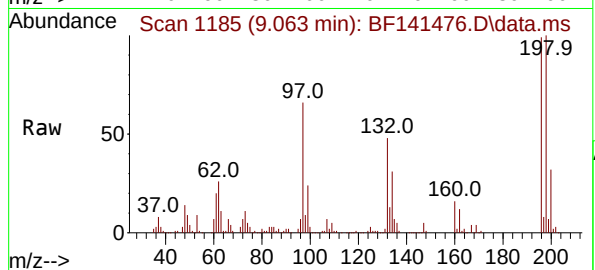
Tgt Ion:196 Resp: 145682

Ion Ratio Lower Upper

196 100

198 100.8 80.6 121.0

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 40.492 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion:196 Resp: 158685

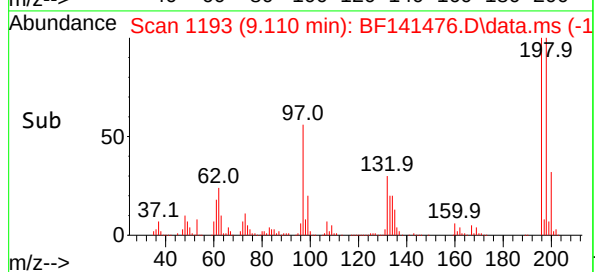
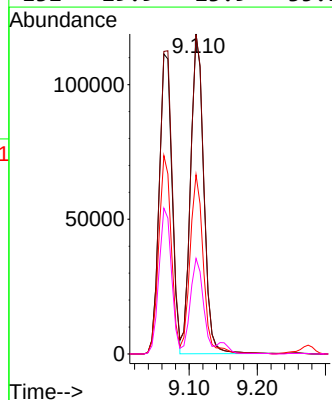
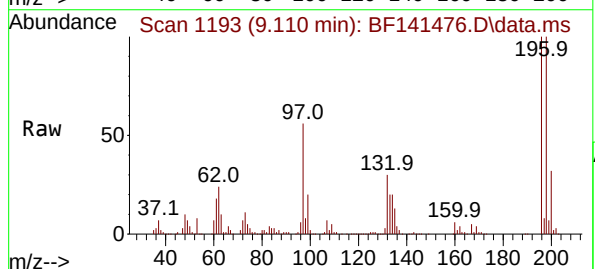
Ion Ratio Lower Upper

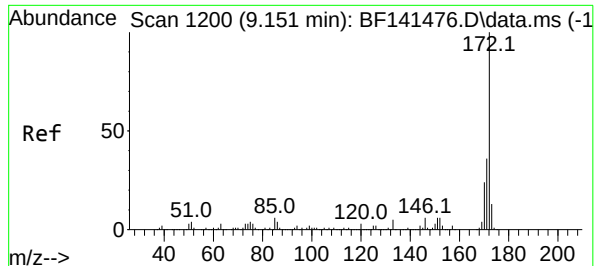
196 100

198 99.8 79.8 119.8

97 56.0 44.8 67.2

132 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 78.189 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

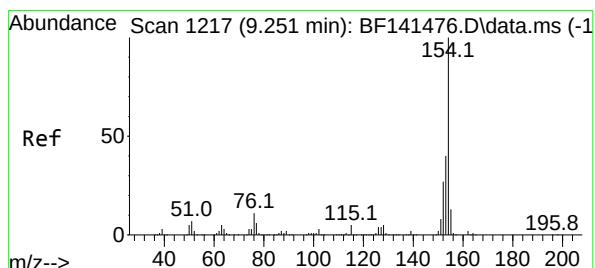
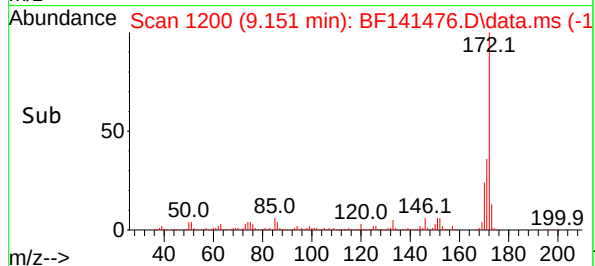
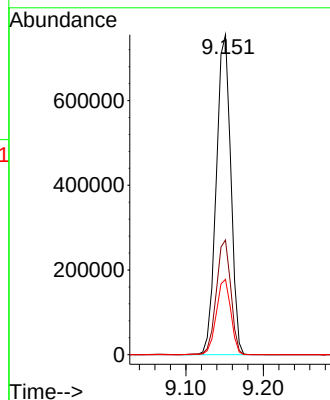
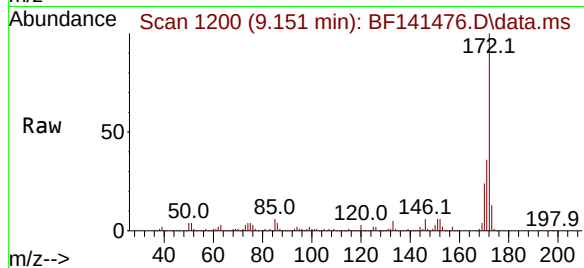
Tgt Ion:172 Resp: 981440

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.846 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

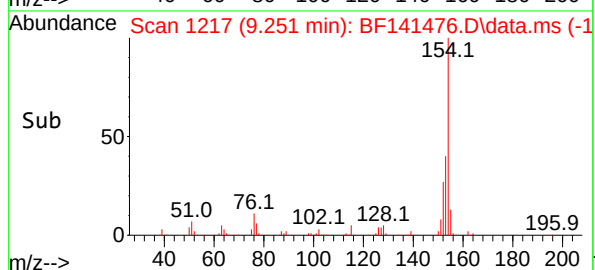
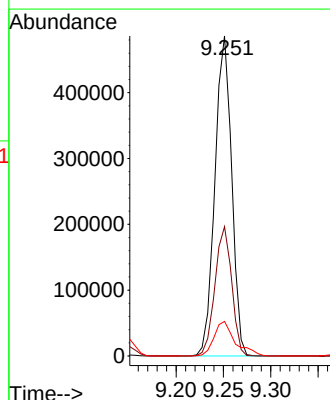
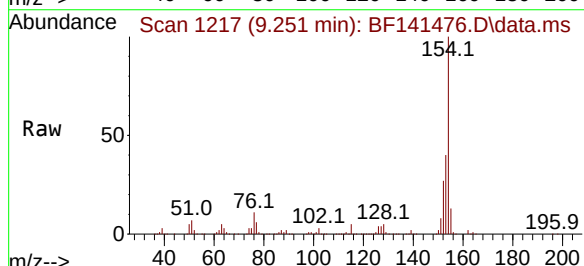
Tgt Ion:154 Resp: 597404

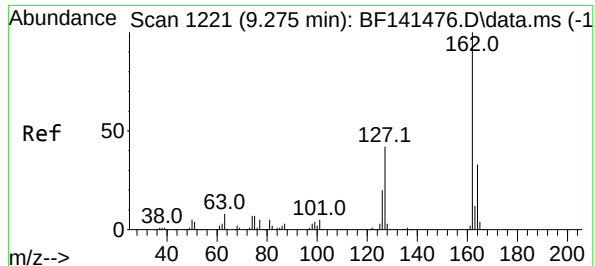
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.590 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

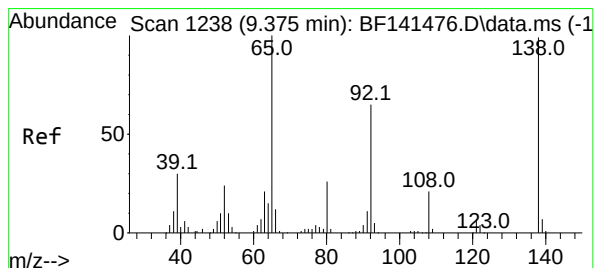
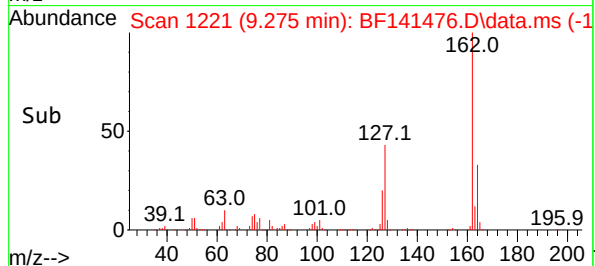
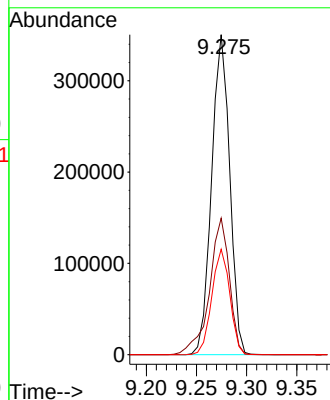
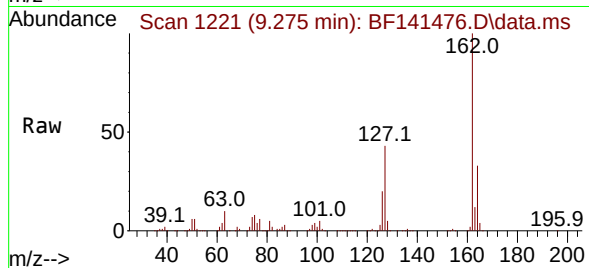
Tgt Ion:162 Resp: 438926

Ion Ratio Lower Upper

162 100

127 42.6 34.1 51.1

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 40.563 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

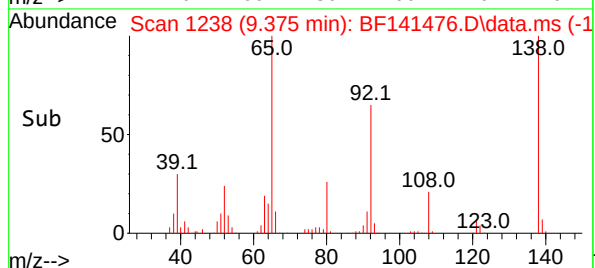
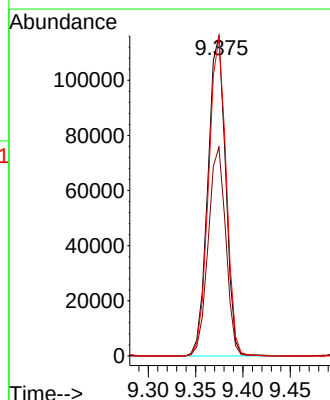
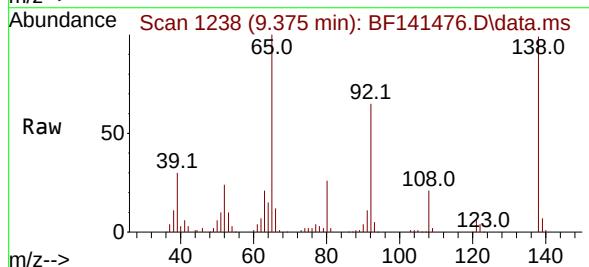
Tgt Ion: 65 Resp: 150922

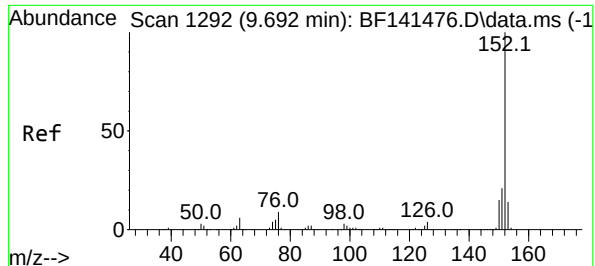
Ion Ratio Lower Upper

65 100

92 65.2 52.2 78.2

138 99.4 79.5 119.3





#49

Acenaphthylene

Concen: 39.789 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

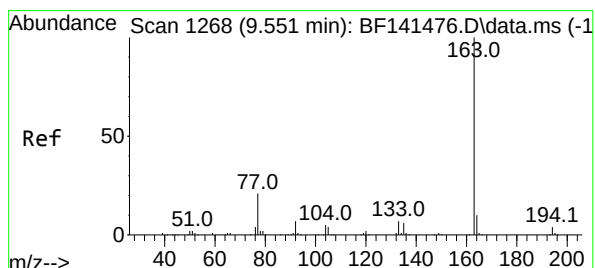
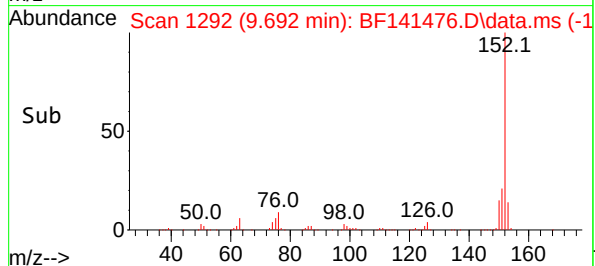
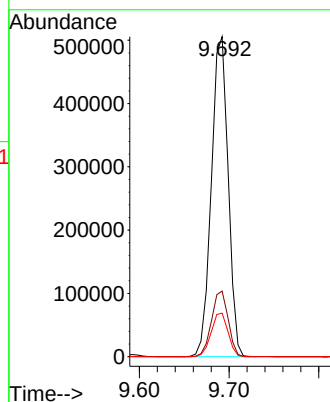
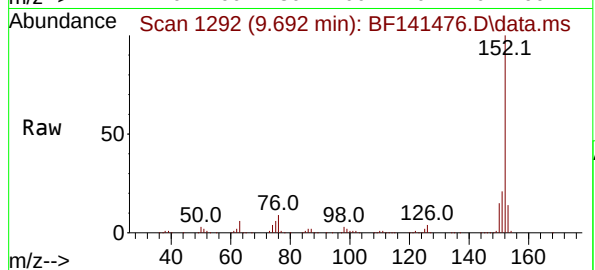
Tgt Ion:152 Resp: 656124

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.6 10.9 16.3



#50

Dimethylphthalate

Concen: 39.638 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

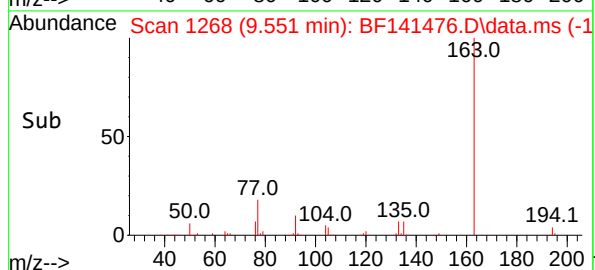
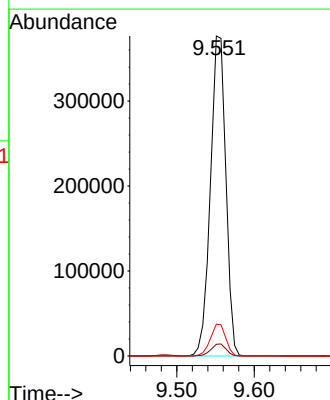
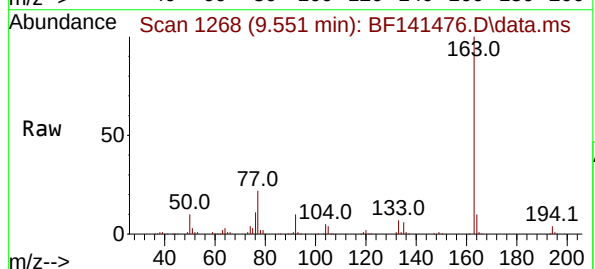
Tgt Ion:163 Resp: 520384

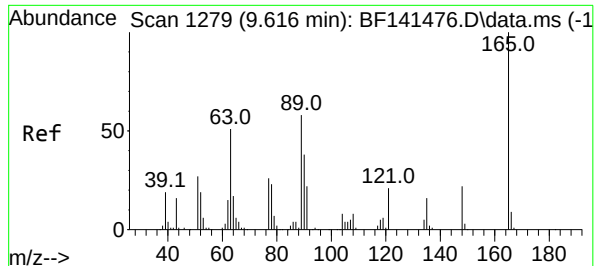
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 9.9 7.9 11.9

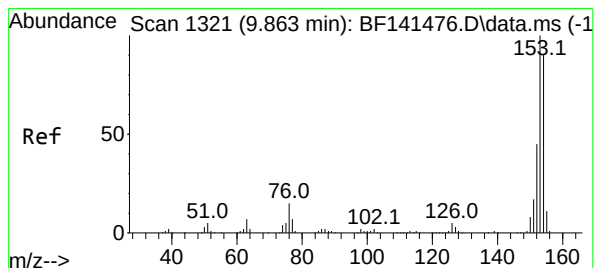
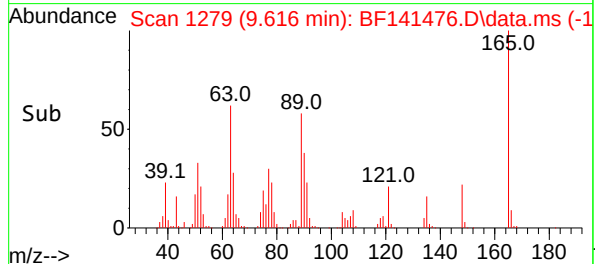
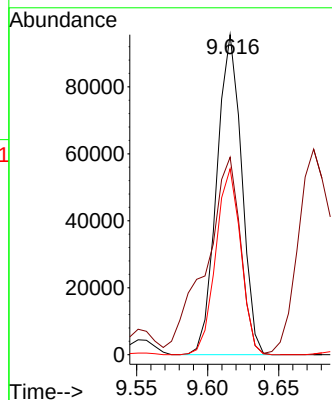
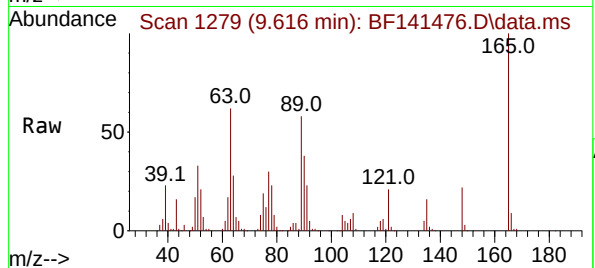




#51
2,6-Dinitrotoluene
Concen: 40.536 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

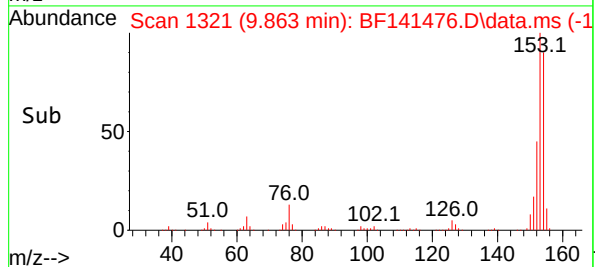
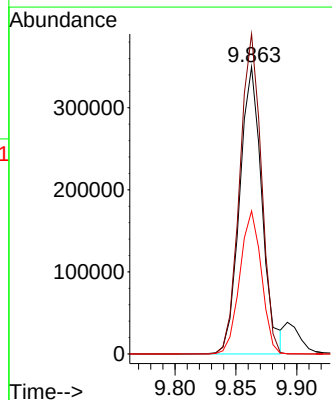
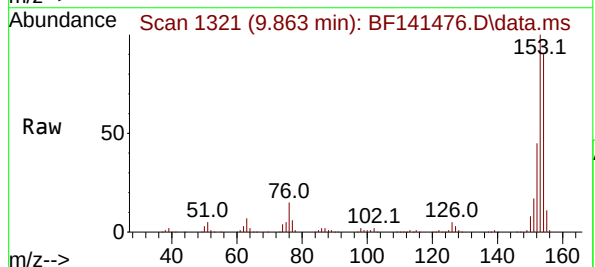
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

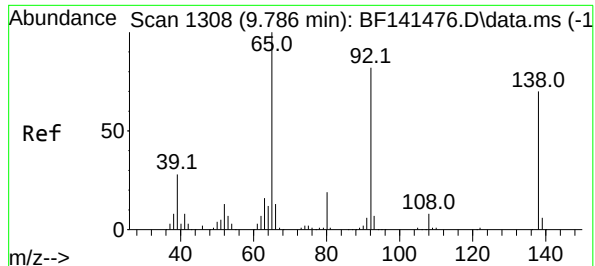
Tgt Ion:165 Resp: 116338
Ion Ratio Lower Upper
165 100
63 61.7 49.4 74.0
89 58.1 46.5 69.7



#52
Acenaphthene
Concen: 40.186 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:154 Resp: 445515
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 49.8 39.8 59.8

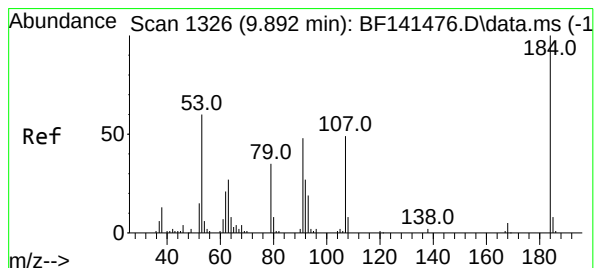
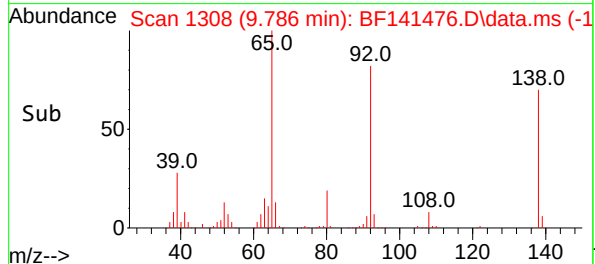
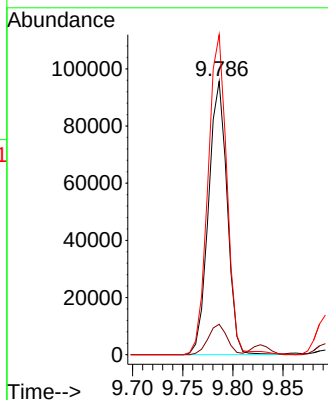
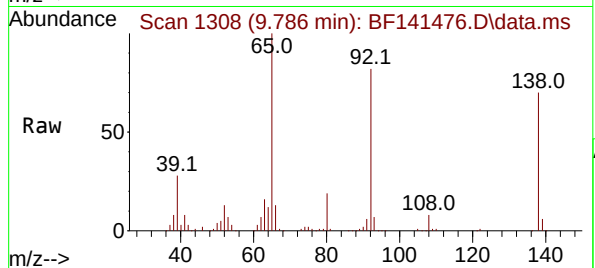




#53
3-Nitroaniline
Concen: 39.991 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

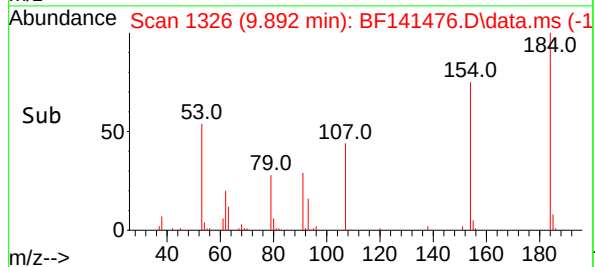
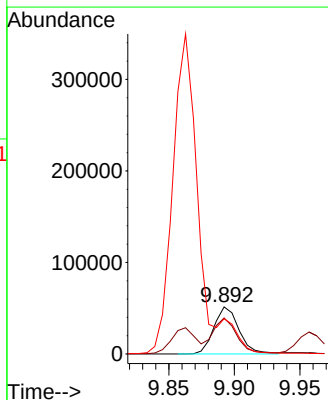
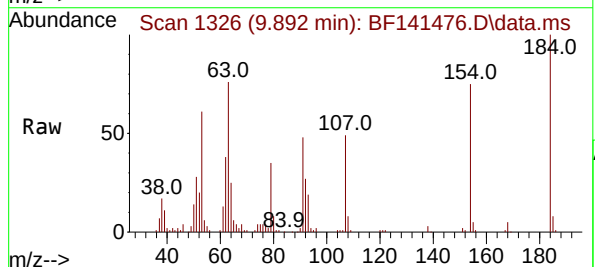
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

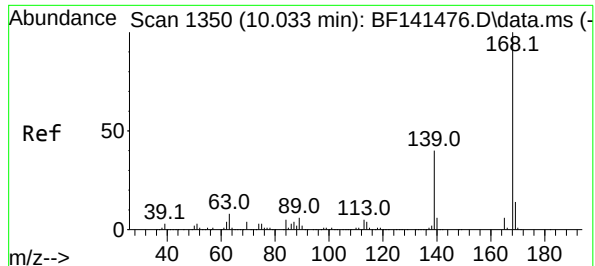
Tgt Ion:138 Resp: 123530
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 117.1 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 40.153 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:184 Resp: 68489
Ion Ratio Lower Upper
184 100
63 76.3 61.0 91.6
154 74.9 59.9 89.9





#55

Dibenzenofuran

Concen: 39.775 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

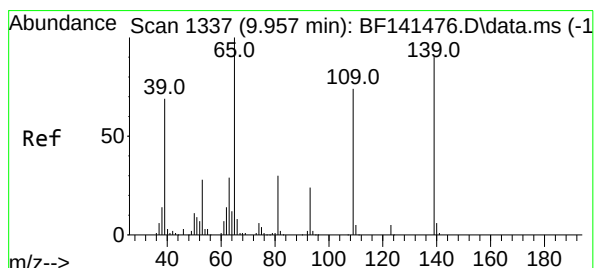
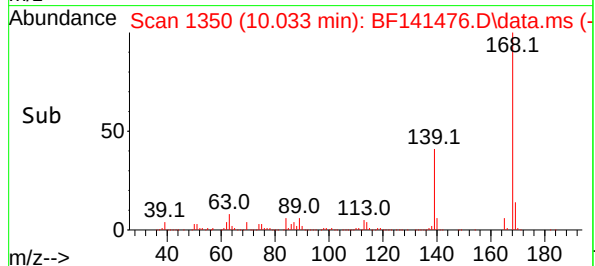
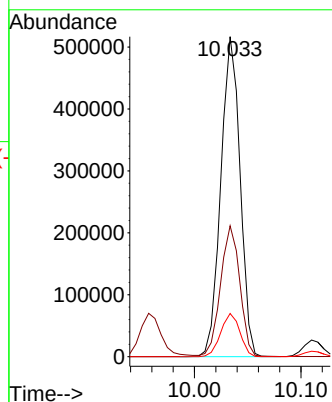
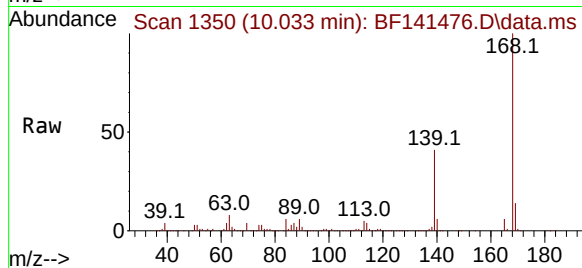
Tgt Ion:168 Resp: 647242

Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 42.065 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

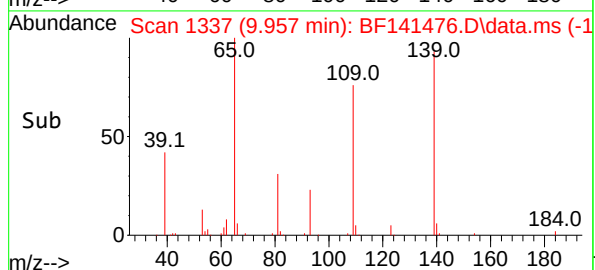
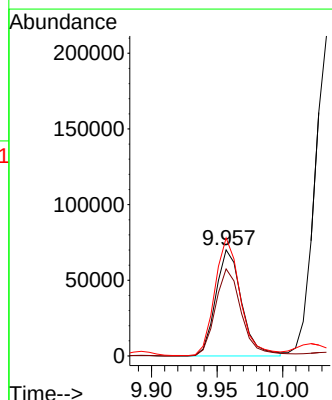
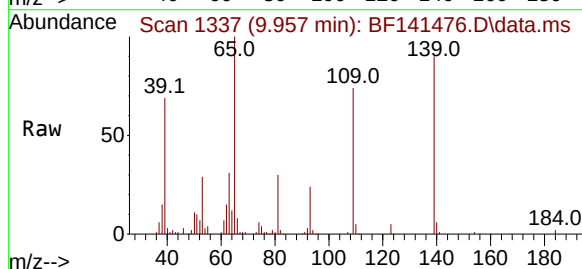
Tgt Ion:139 Resp: 96456

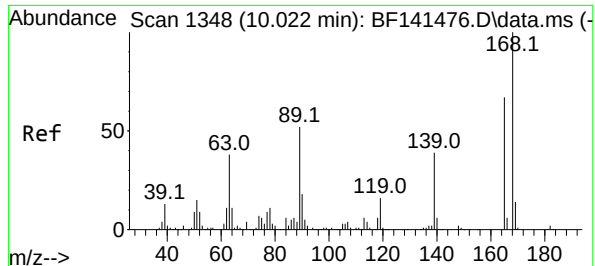
Ion Ratio Lower Upper

139 100

109 82.0 62.0 102.0

65 111.2 91.2 131.2

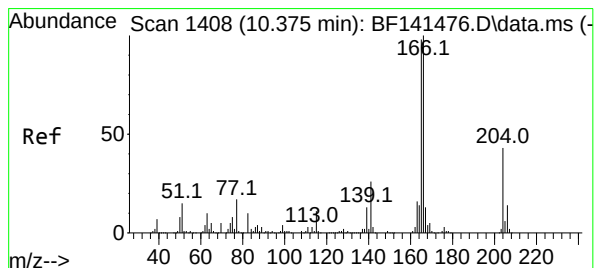
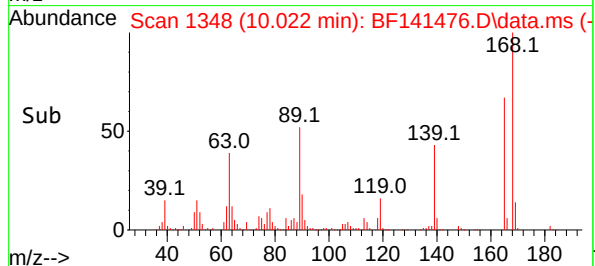
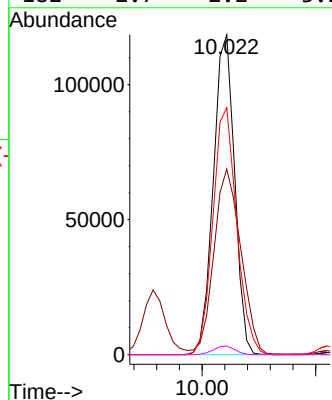
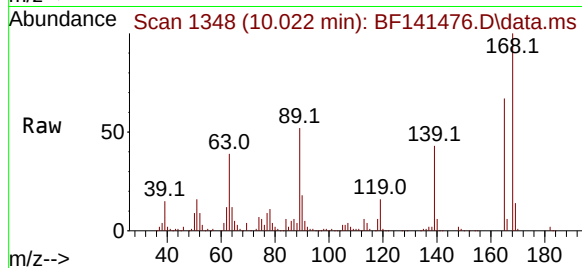




#57
2,4-Dinitrotoluene
Concen: 40.262 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

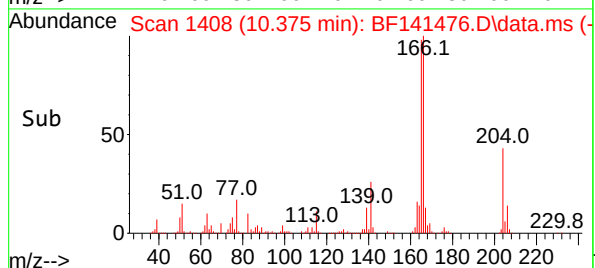
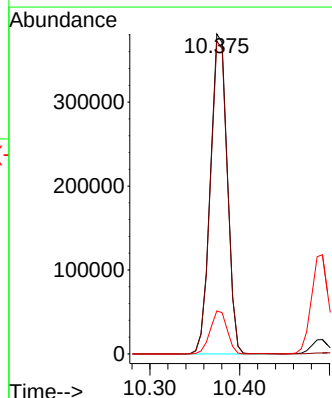
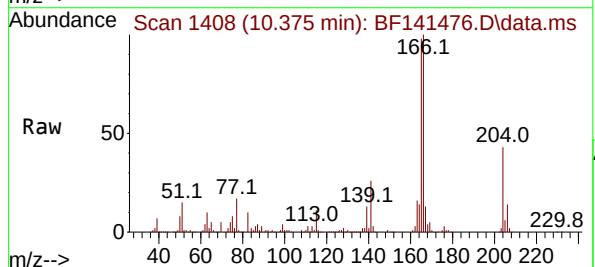
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

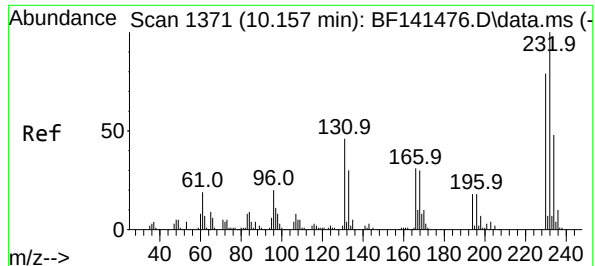
Tgt Ion:165 Resp: 153824
Ion Ratio Lower Upper
165 100
63 58.0 46.4 69.6
89 77.2 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.654 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:166 Resp: 498929
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.4 10.7 16.1

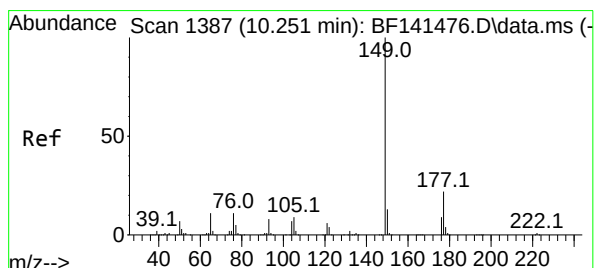
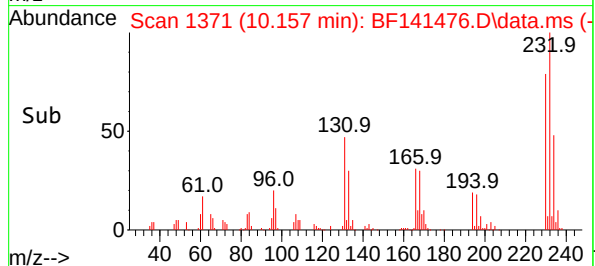
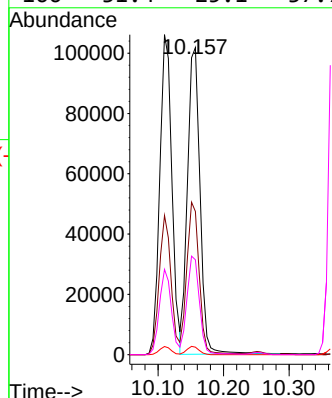
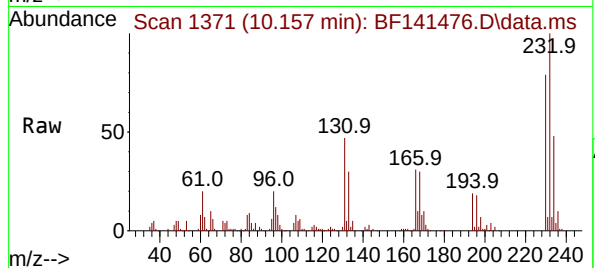




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.888 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

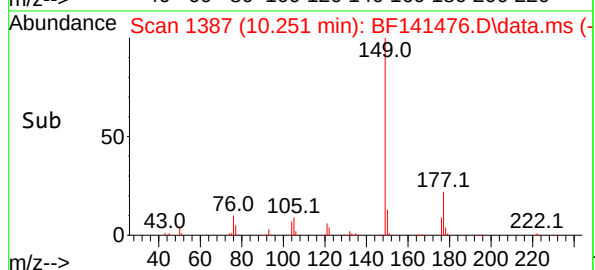
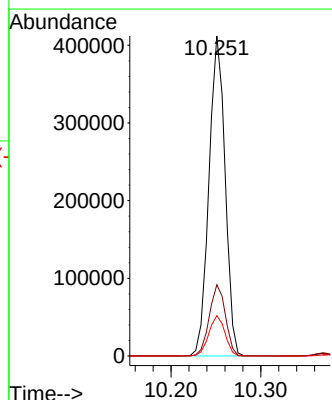
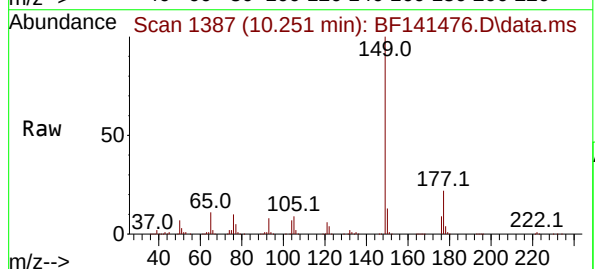
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

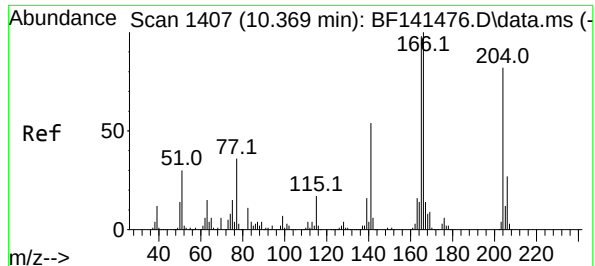
Tgt Ion:232 Resp: 134581
Ion Ratio Lower Upper
232 100
131 49.0 39.2 58.8
130 2.6 2.1 3.1
166 31.4 25.1 37.7



#60
Diethylphthalate
Concen: 39.821 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:149 Resp: 514358
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.6 10.1 15.1

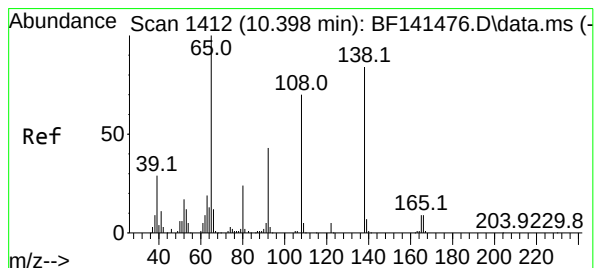
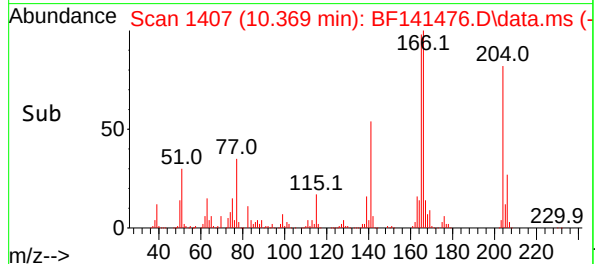
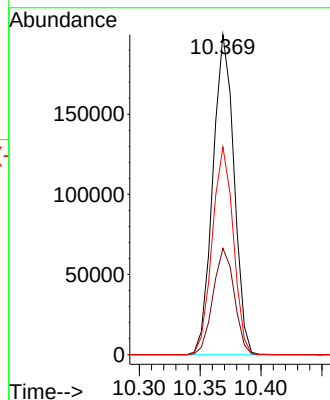
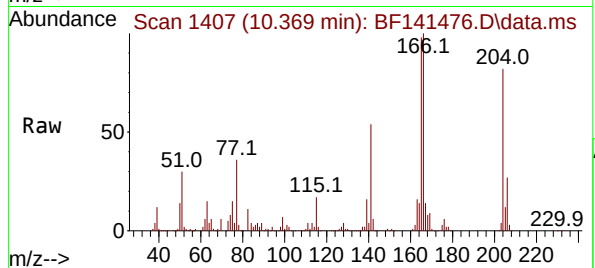




#61
4-Chlorophenyl-phenylether
Concen: 39.767 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

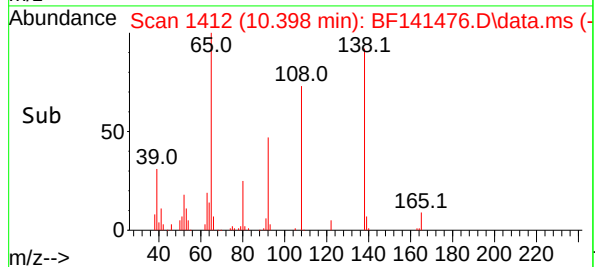
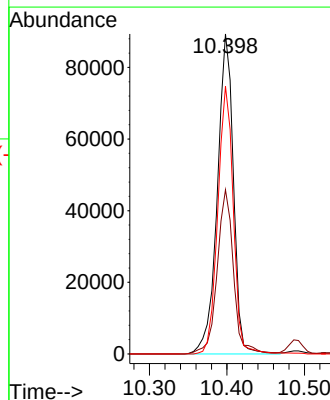
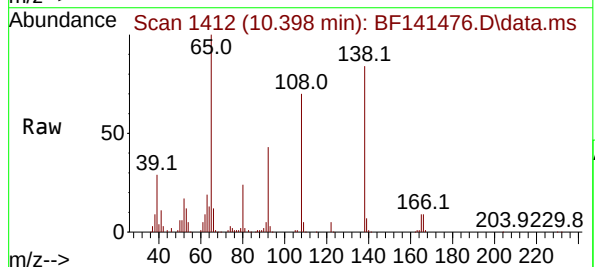
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

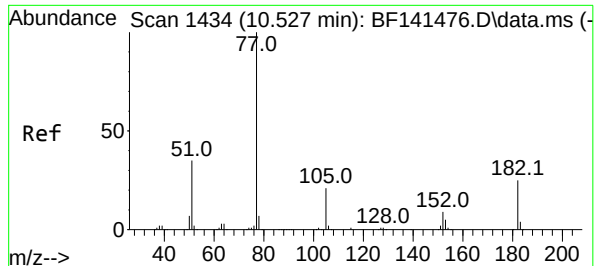
Tgt Ion:204 Resp: 240707
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 64.9 51.9 77.9



#62
4-Nitroaniline
Concen: 41.253 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:138 Resp: 129392
Ion Ratio Lower Upper
138 100
92 51.3 31.3 71.3
108 83.7 63.7 103.7

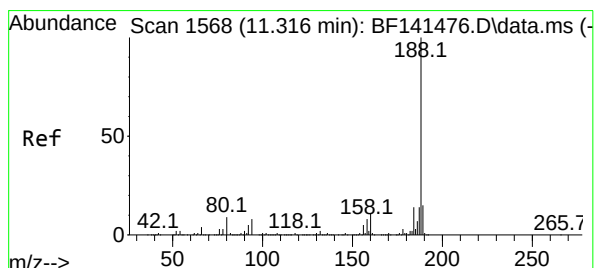
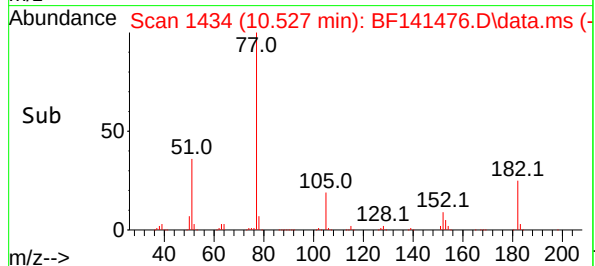
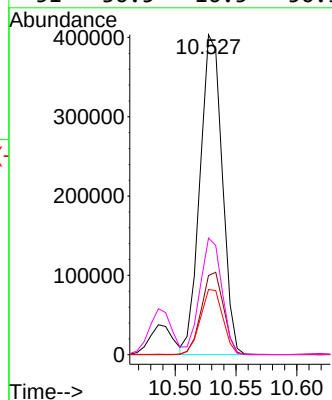
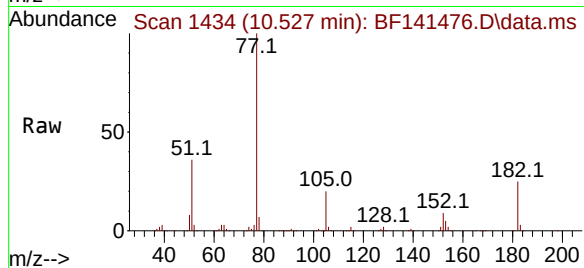




#63
Azobenzene
Concen: 39.926 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

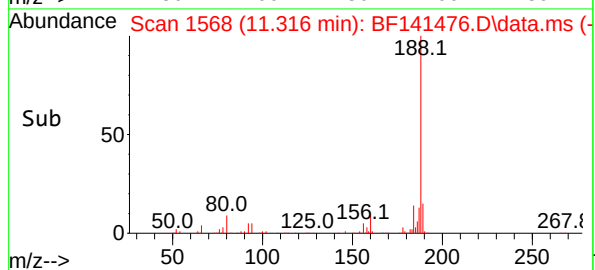
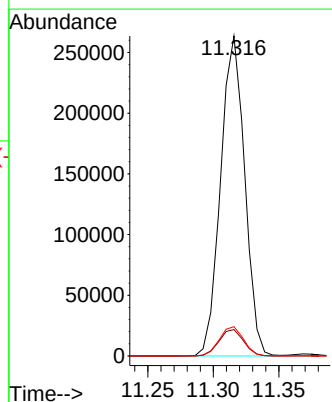
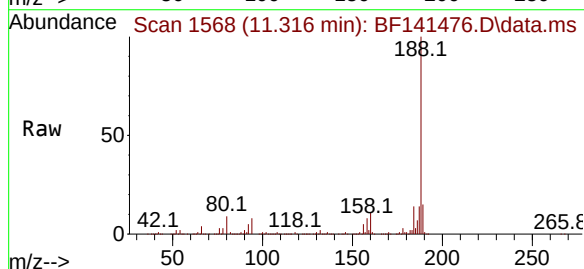
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

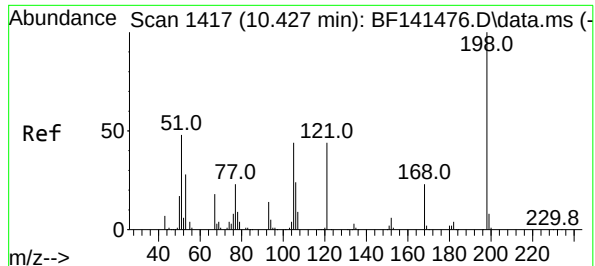
Tgt Ion: 77 Resp: 512692
Ion Ratio Lower Upper
77 100
182 24.7 4.7 44.7
105 20.4 0.4 40.4
51 36.5 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 188 Resp: 336425
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.1 7.3 10.9

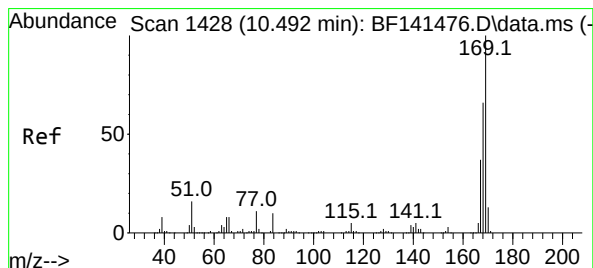
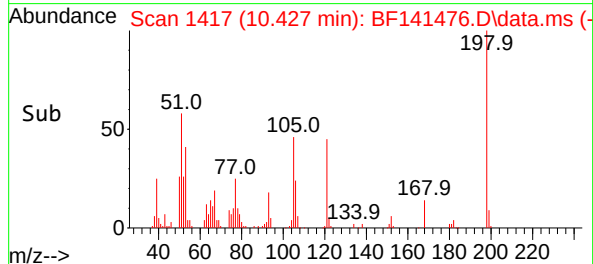
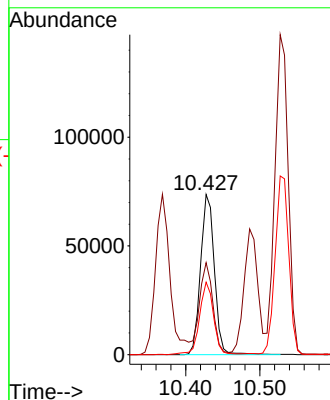
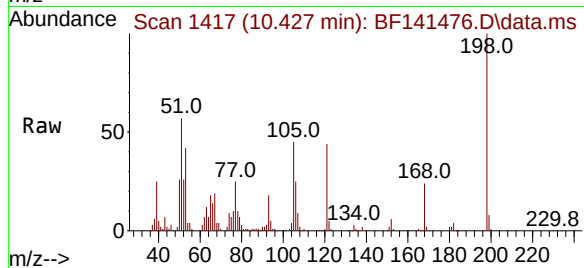




#65
4,6-Dinitro-2-methylphenol
Concen: 40.874 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

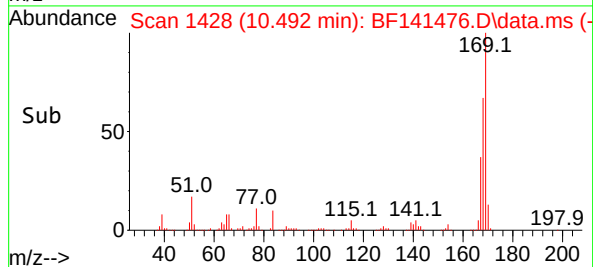
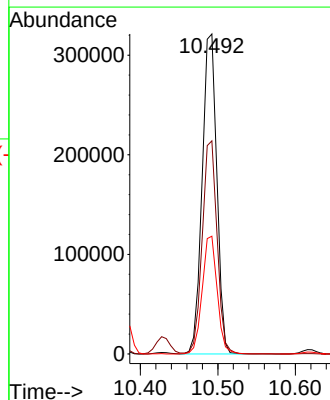
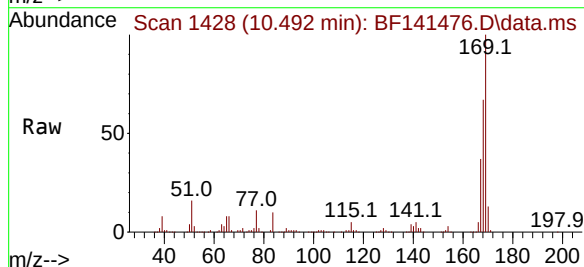
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

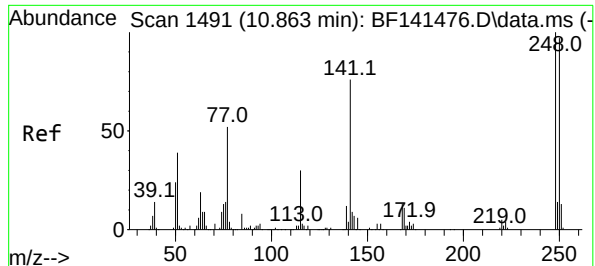
Tgt Ion:198 Resp: 95521
Ion Ratio Lower Upper
198 100
51 57.4 37.4 77.4
105 45.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 39.180 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:169 Resp: 421937
Ion Ratio Lower Upper
169 100
168 66.6 53.3 79.9
167 36.8 29.4 44.2

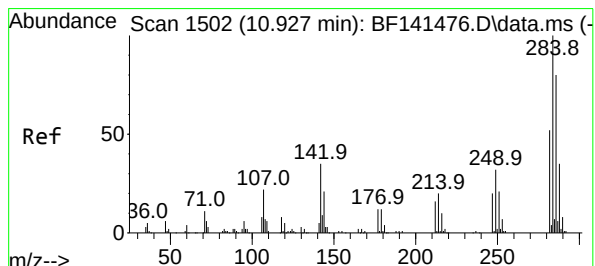
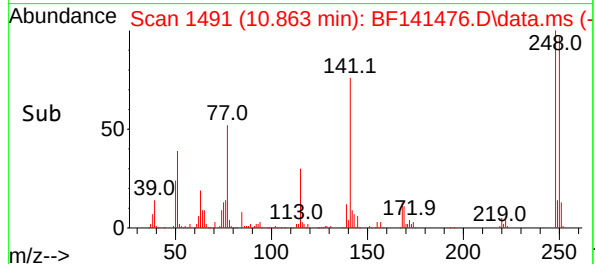
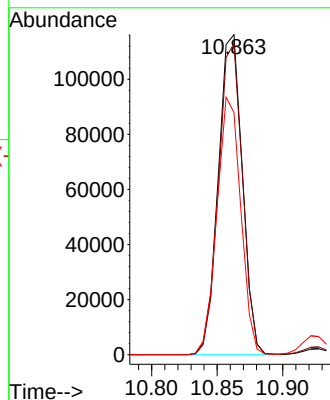
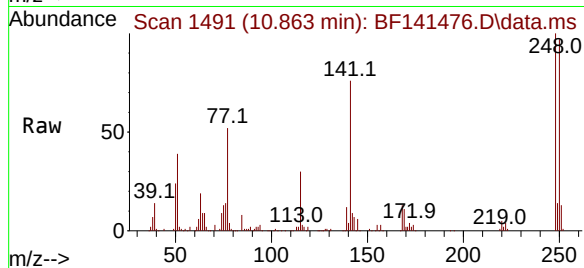




#67
4-Bromophenyl-phenylether
Concen: 39.522 ng
RT: 10.863 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

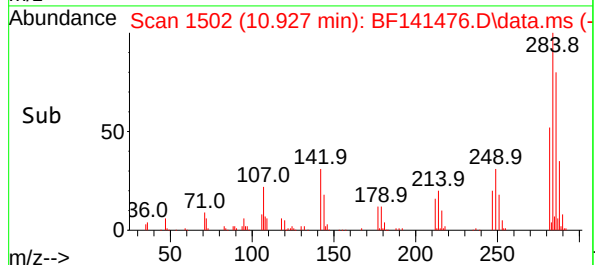
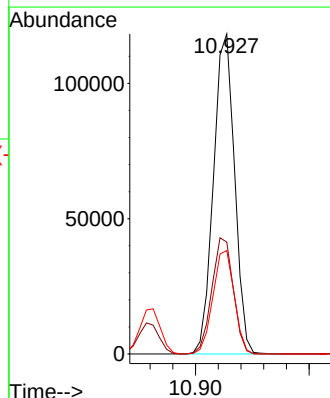
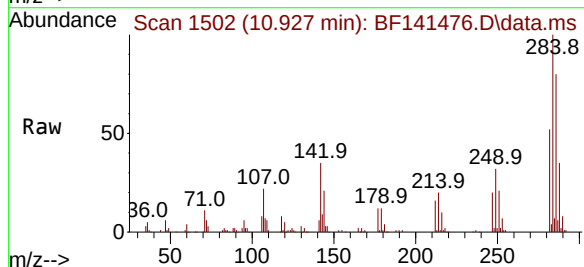
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

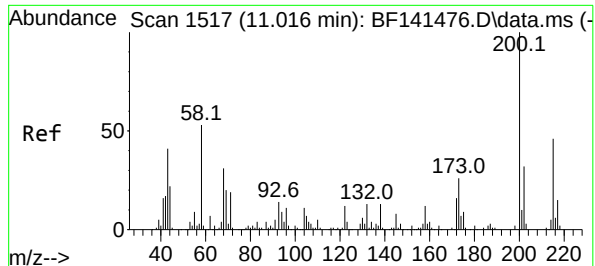
Tgt Ion:248 Resp: 148603
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 75.7 60.6 90.8



#68
Hexachlorobenzene
Concen: 39.430 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:284 Resp: 152664
Ion Ratio Lower Upper
284 100
142 35.0 28.0 42.0
249 32.3 25.8 38.8

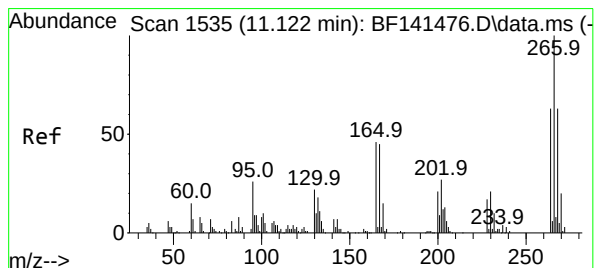
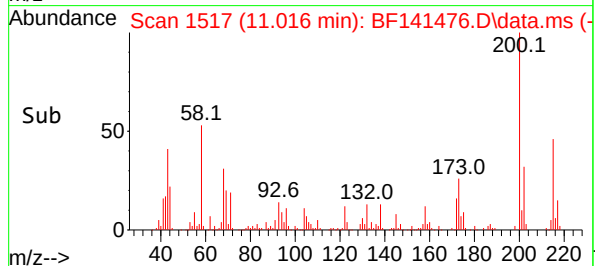
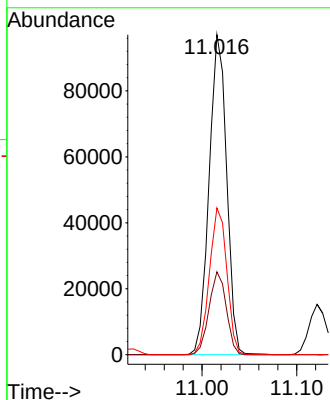
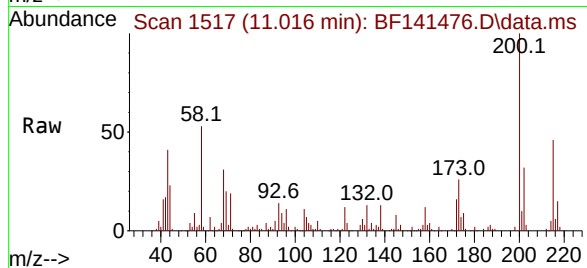




#69
Atrazine
Concen: 38.533 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

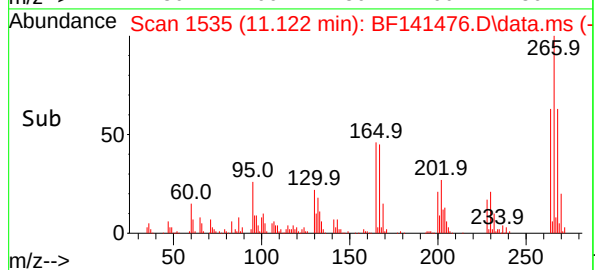
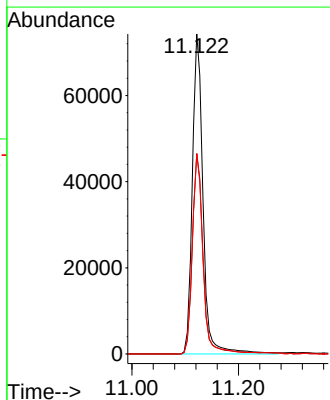
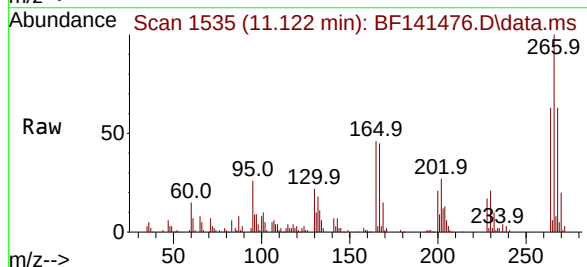
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

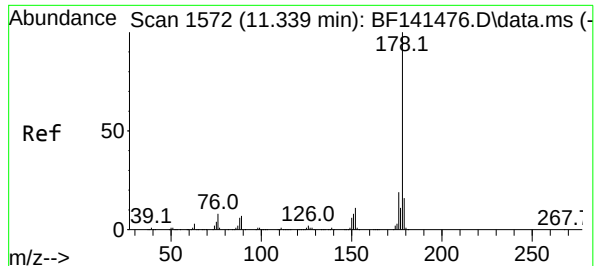
Tgt Ion:200 Resp: 124494
Ion Ratio Lower Upper
200 100
173 25.9 5.9 45.9
215 45.9 25.9 65.9



#70
Pentachlorophenol
Concen: 41.930 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:266 Resp: 103806
Ion Ratio Lower Upper
266 100
268 62.6 50.1 75.1
264 62.6 50.1 75.1





#71

Phenanthrene

Concen: 39.397 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

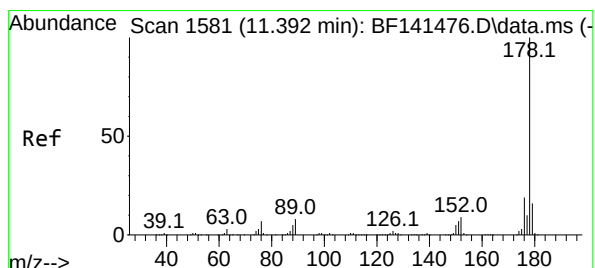
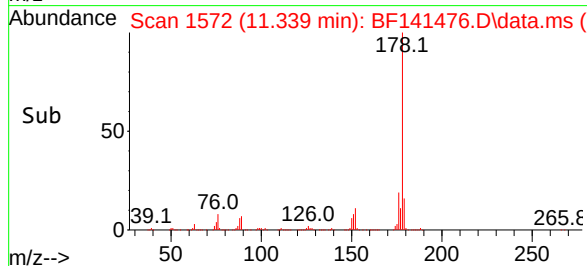
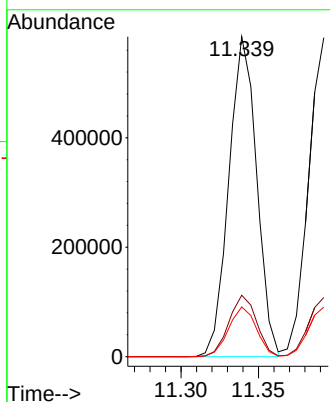
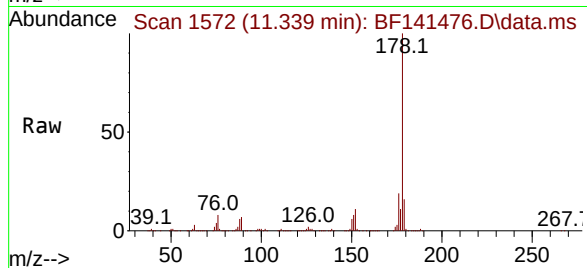
Tgt Ion:178 Resp: 729585

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 39.125 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

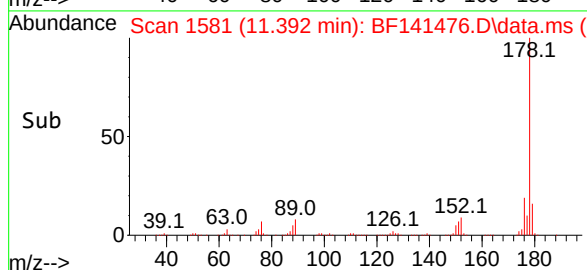
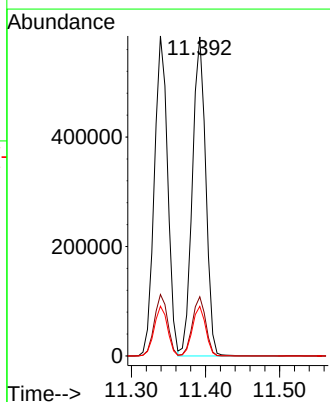
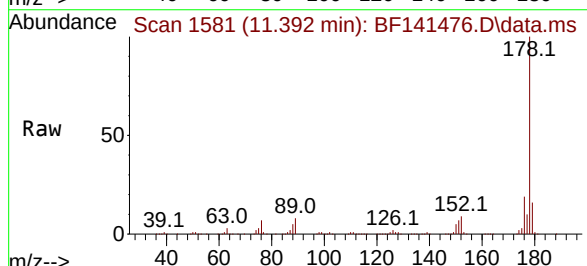
Tgt Ion:178 Resp: 728337

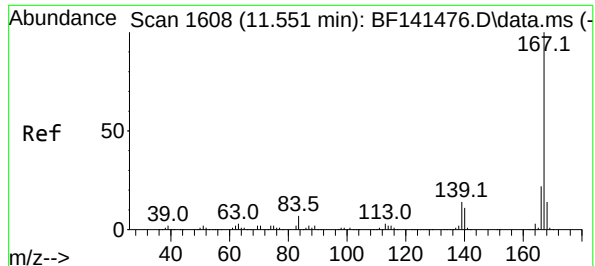
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.5 12.4 18.6

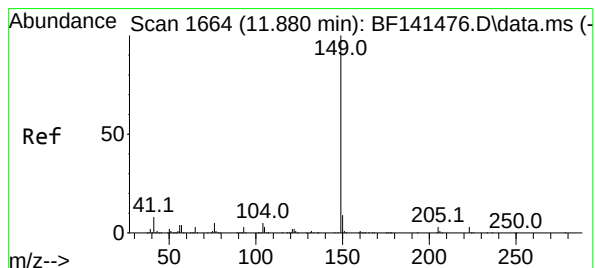
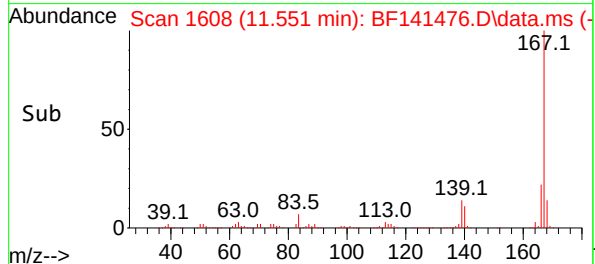
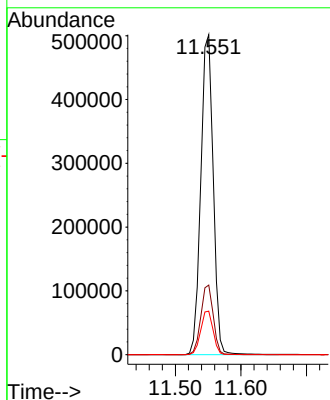
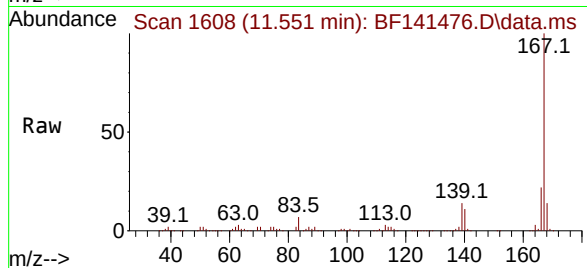




#73
Carbazole
Concen: 39.613 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

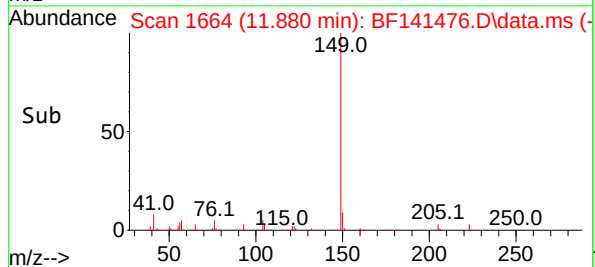
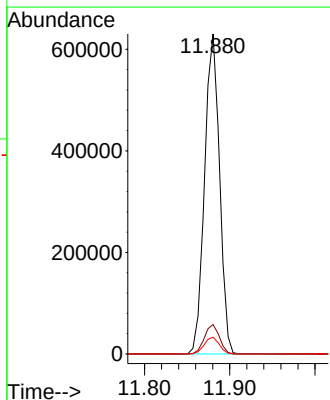
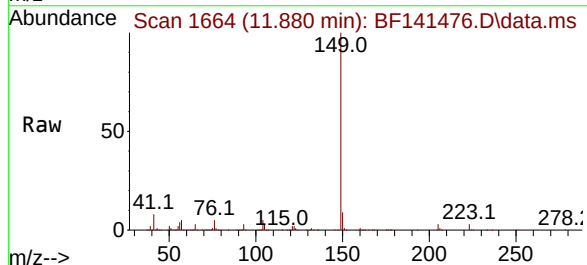
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

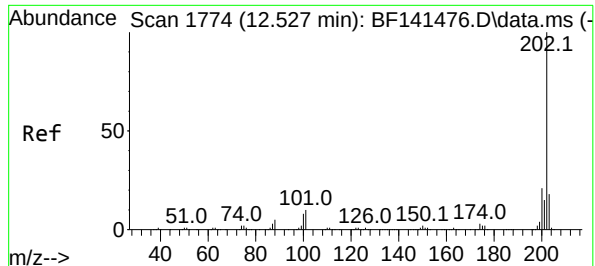
Tgt Ion:167 Resp: 663523
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 39.706 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:149 Resp: 767961
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.2 6.2

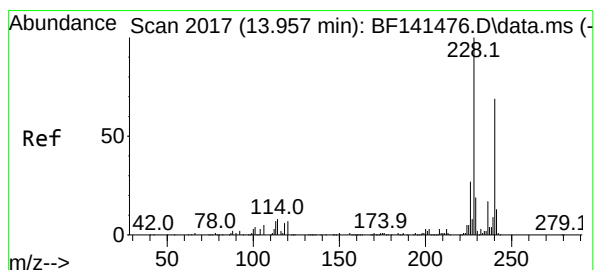
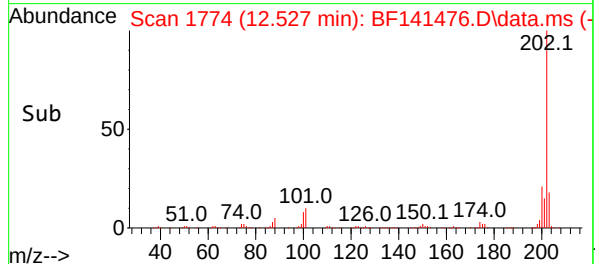
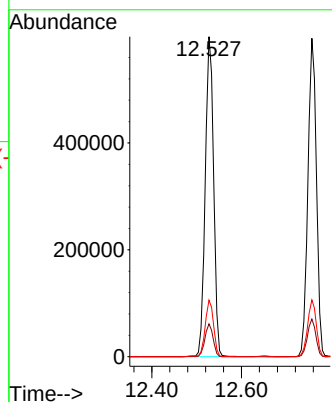
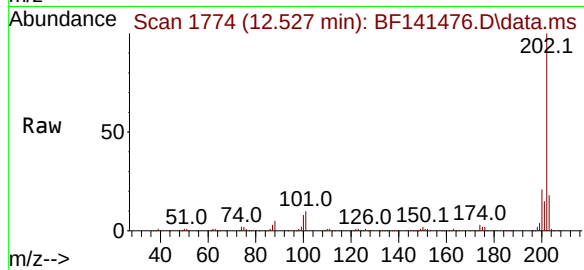




#75
Fluoranthene
Concen: 39.441 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

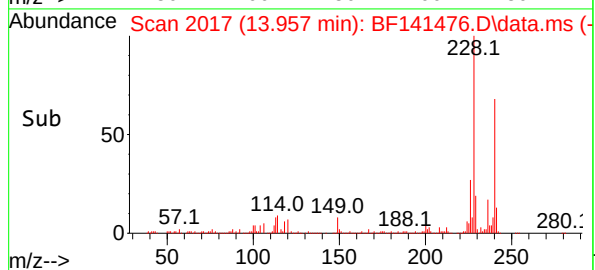
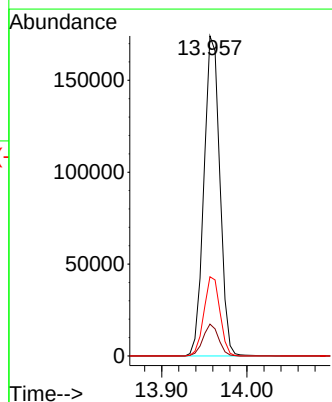
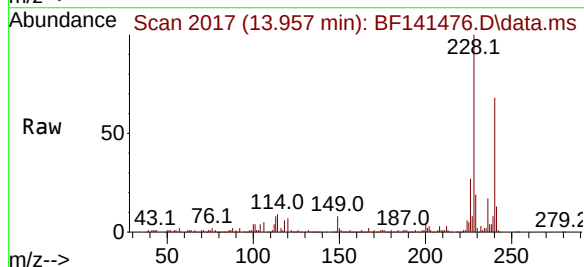
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

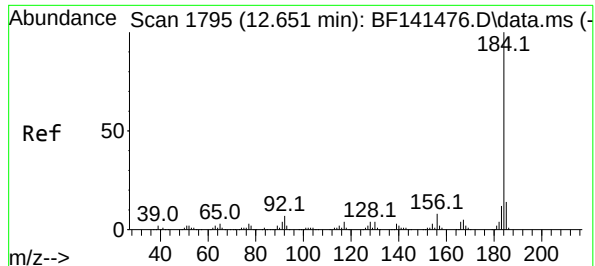
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.2
203	17.6	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	24.8	19.8	29.8

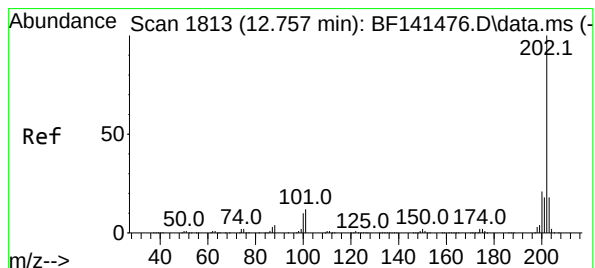
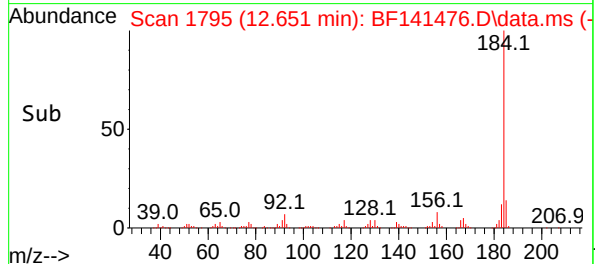
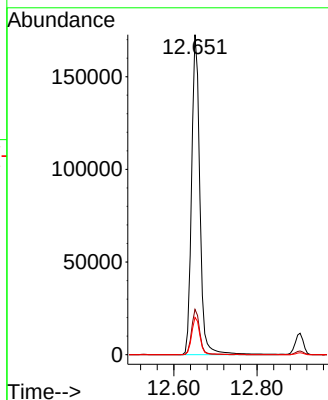
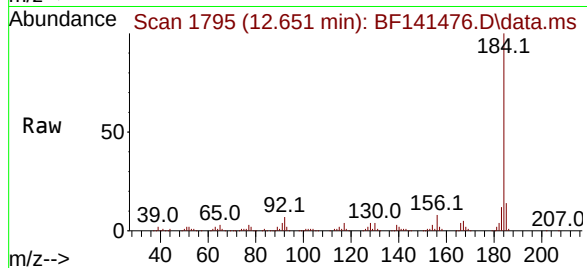




#77
Benzidine
Concen: 47.917 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

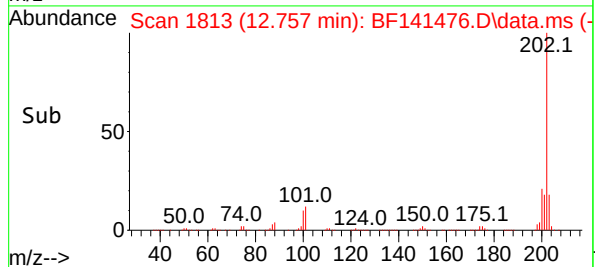
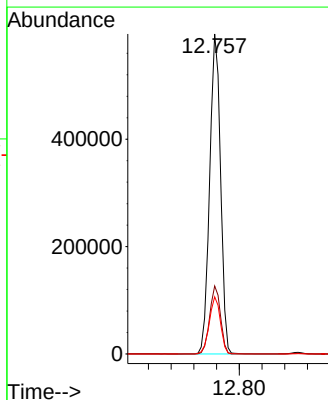
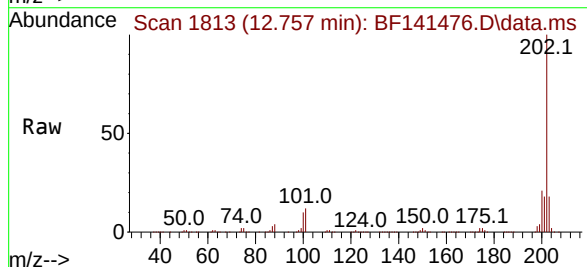
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

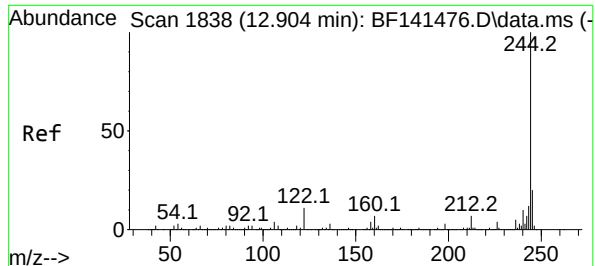
Tgt Ion:184 Resp: 238261
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.6 9.3 13.9



#78
Pyrene
Concen: 41.002 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:202 Resp: 786956
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.9 14.3 21.5

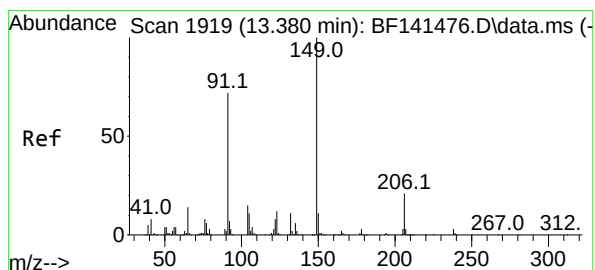
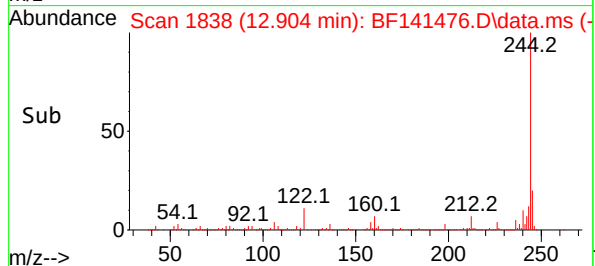
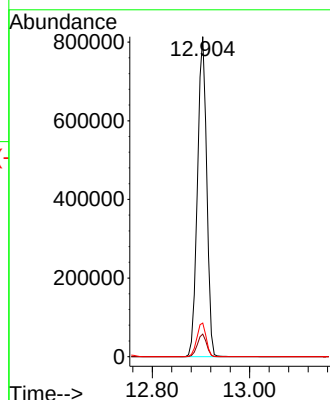
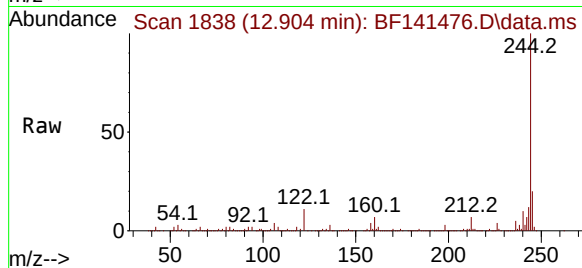




#79
Terphenyl-d14
Concen: 80.879 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

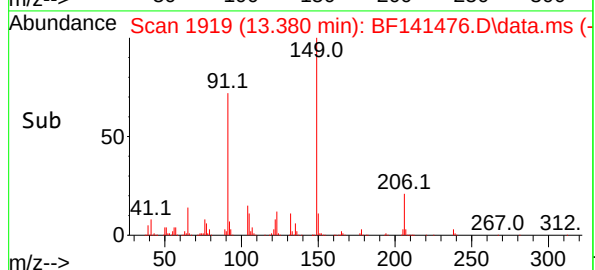
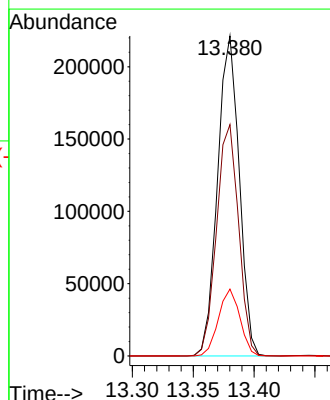
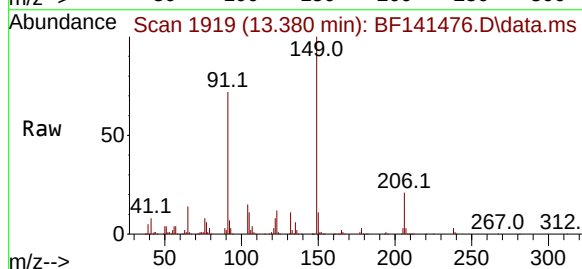
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

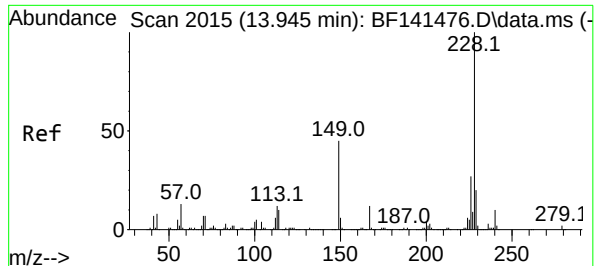
Tgt Ion:244 Resp: 1080174
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.5 8.4 12.6



#80
Butylbenzylphthalate
Concen: 41.323 ng
RT: 13.380 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:149 Resp: 274711
Ion Ratio Lower Upper
149 100
91 72.3 57.8 86.8
206 20.9 16.7 25.1

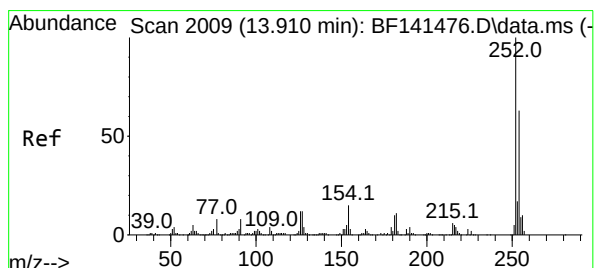
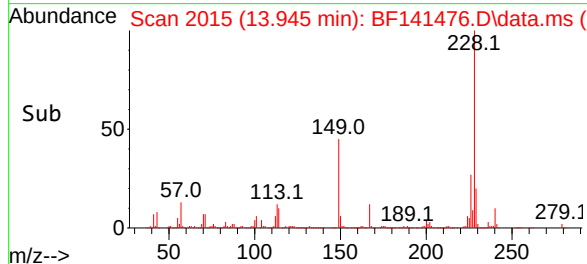
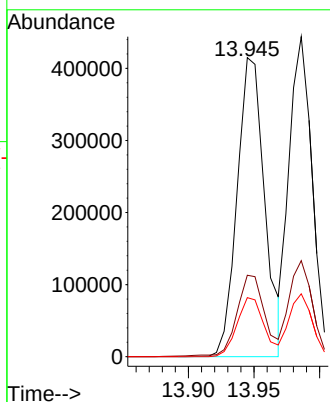
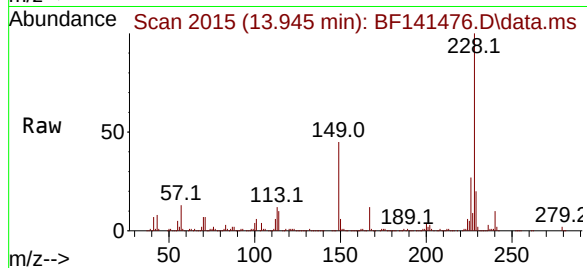




#81
Benzo(a)anthracene
Concen: 40.479 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

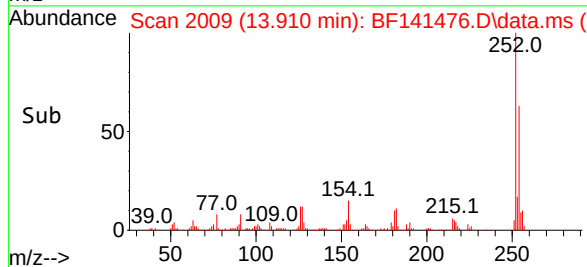
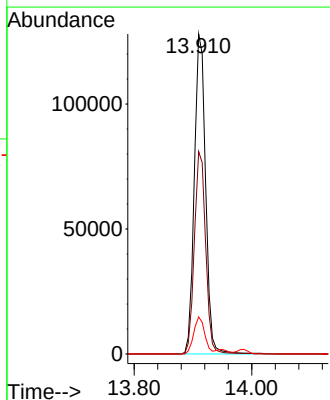
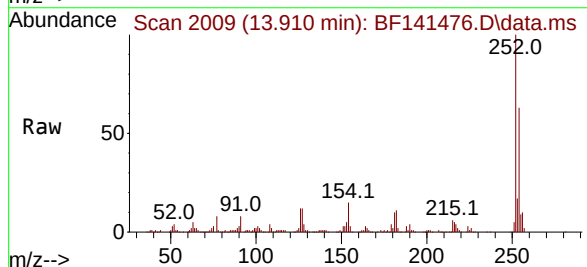
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

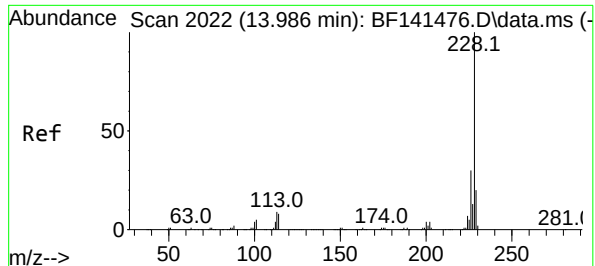
Tgt Ion:228 Resp: 606669
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.640 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:252 Resp: 170181
Ion Ratio Lower Upper
252 100
254 63.3 50.6 76.0
126 11.6 9.3 13.9

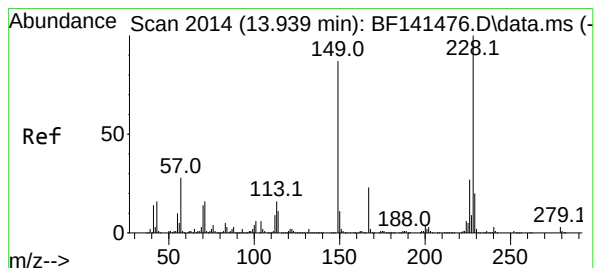
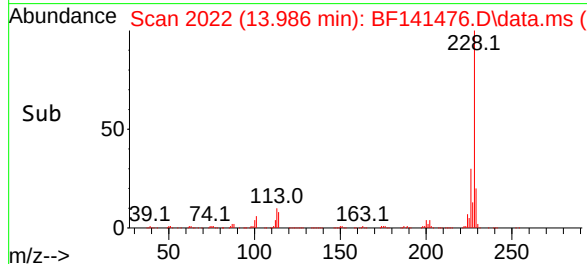
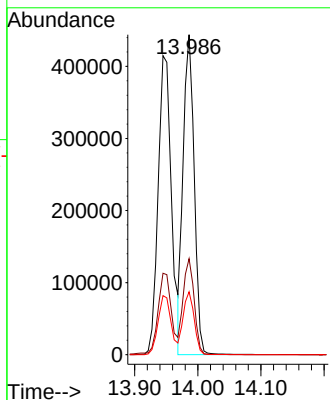
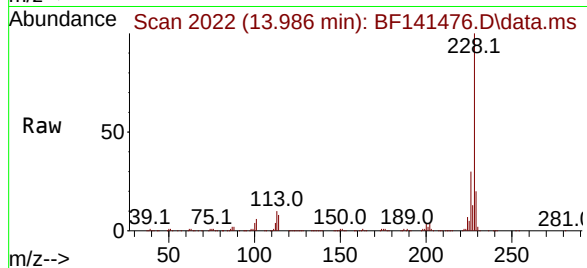




#83
Chrysene
Concen: 39.121 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

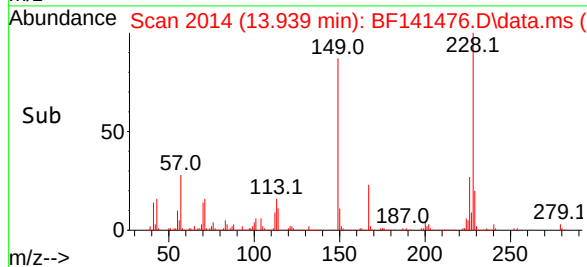
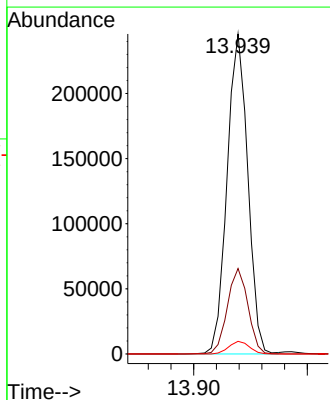
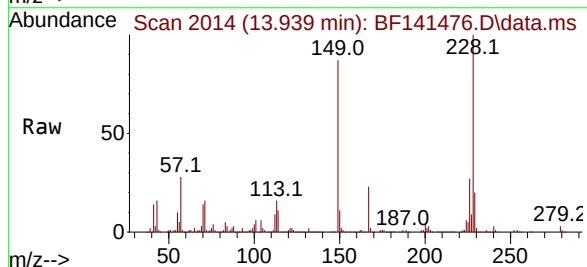
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

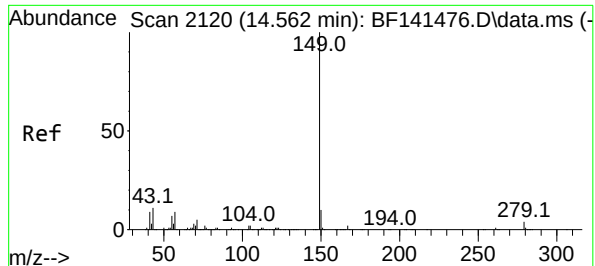
Tgt Ion:228 Resp: 541376
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.438 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:149 Resp: 310696
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 3.9 3.1 4.7

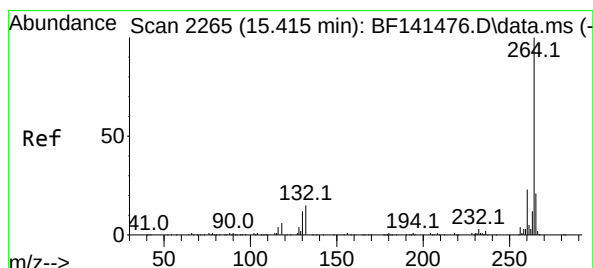
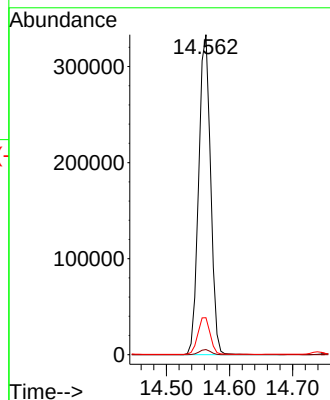
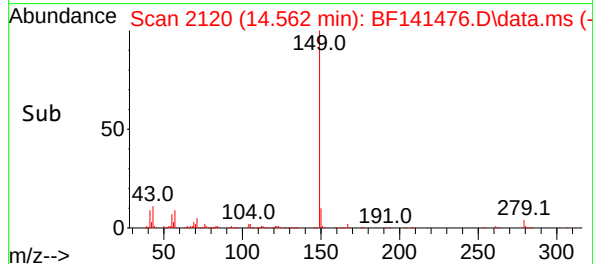
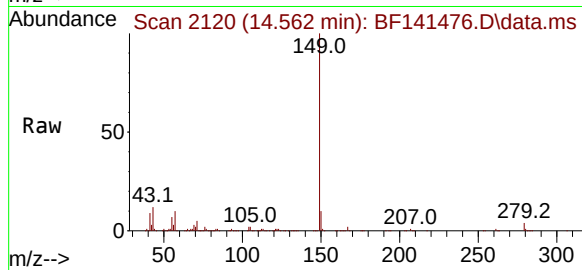




#85
Di-n-octyl phthalate
Concen: 40.682 ng
RT: 14.562 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

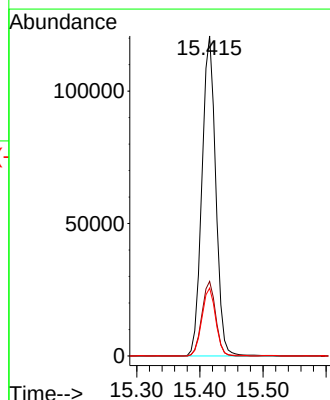
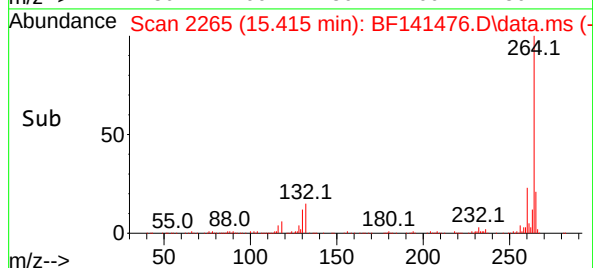
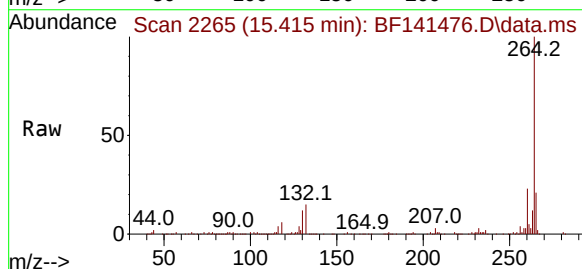
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

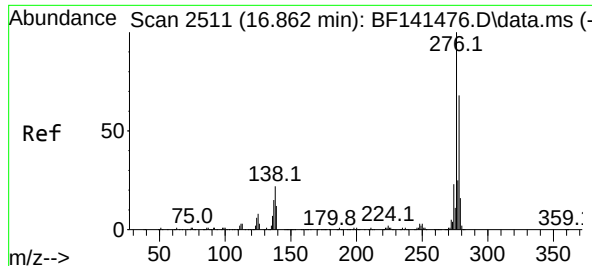
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.2	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.699 ng

RT: 16.862 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

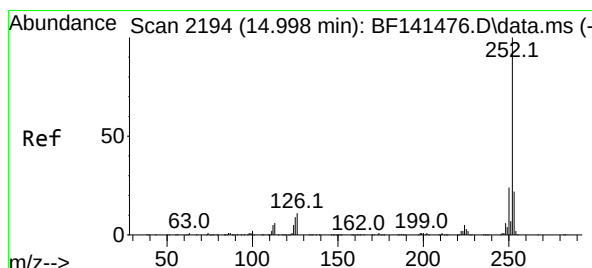
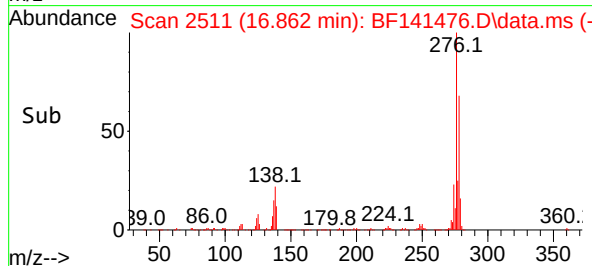
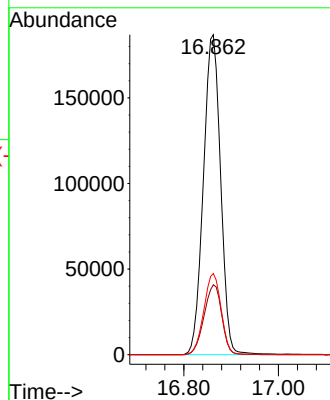
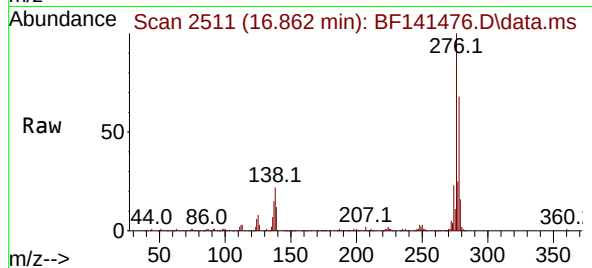
Tgt Ion:276 Resp: 471272

Ion Ratio Lower Upper

276 100

138 22.5 18.0 27.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.783 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

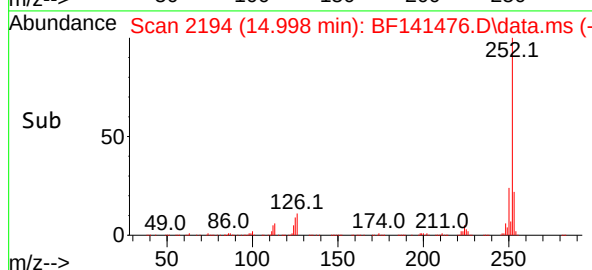
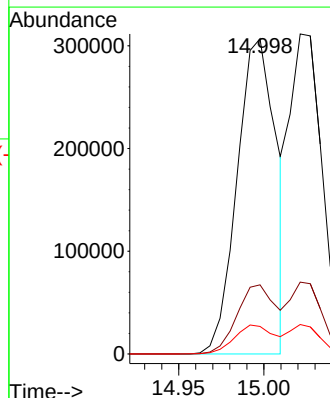
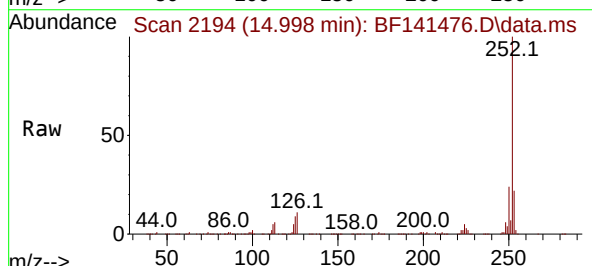
Tgt Ion:252 Resp: 488585

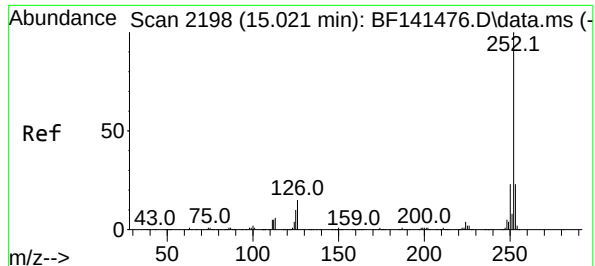
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 39.836 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

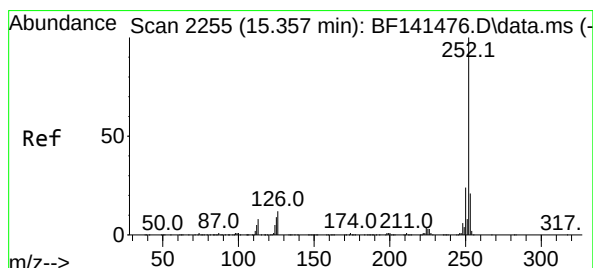
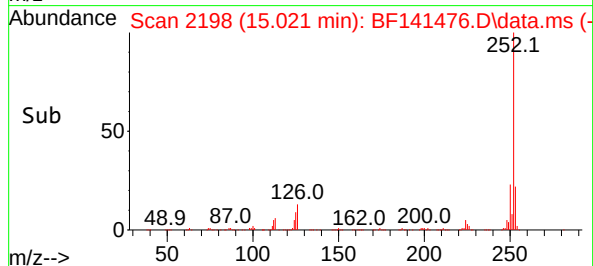
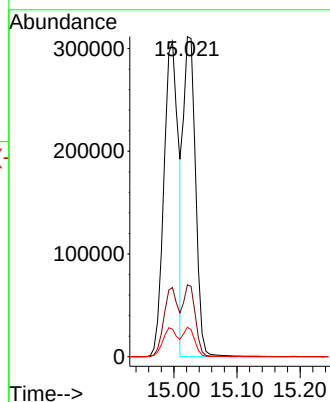
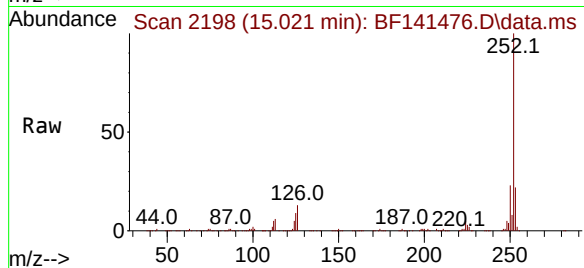
Tgt Ion:252 Resp: 417770

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.767 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

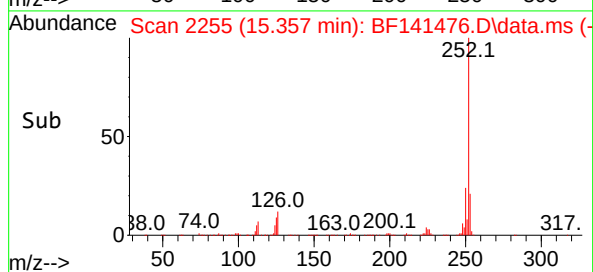
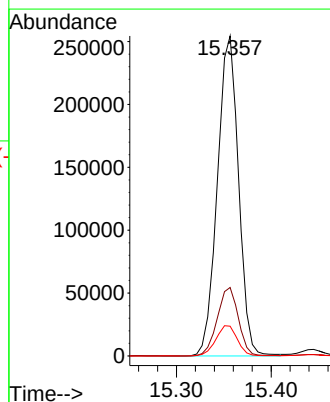
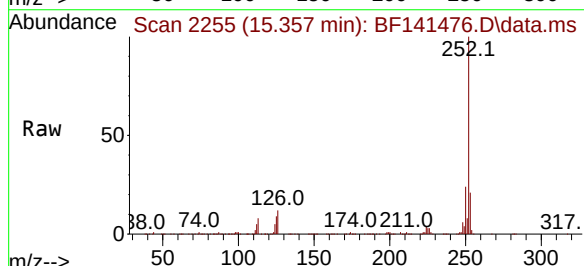
Tgt Ion:252 Resp: 395193

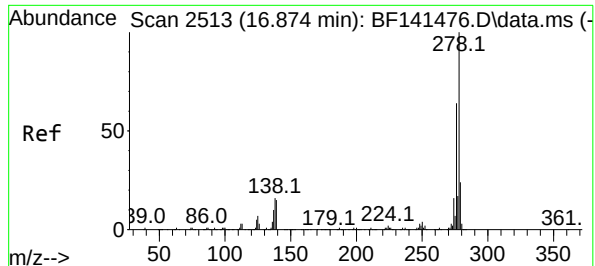
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 9.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 42.001 ng

RT: 16.874 min Scan# 2513

Delta R.T. -0.018 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

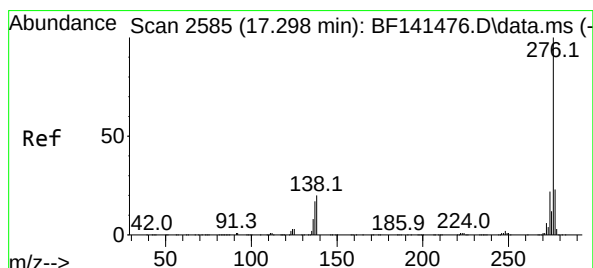
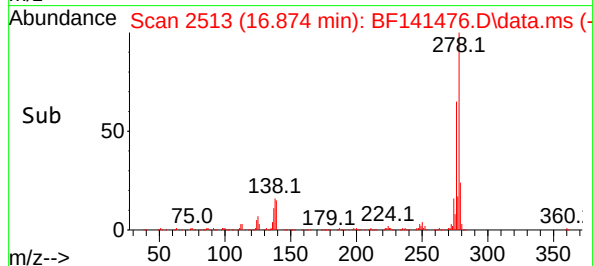
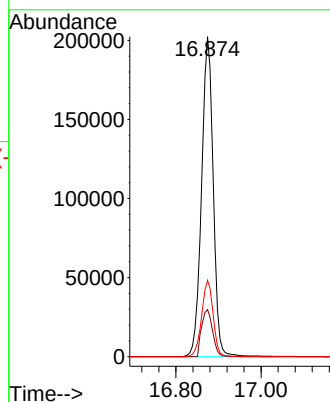
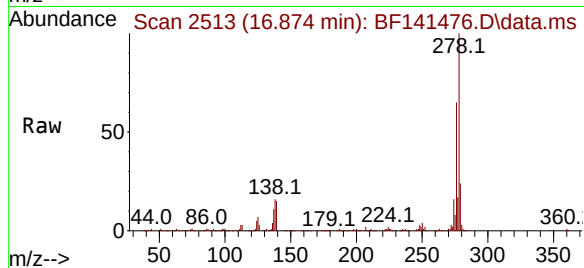
Tgt Ion:278 Resp: 384623

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.6

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 41.992 ng

RT: 17.298 min Scan# 2585

Delta R.T. -0.018 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

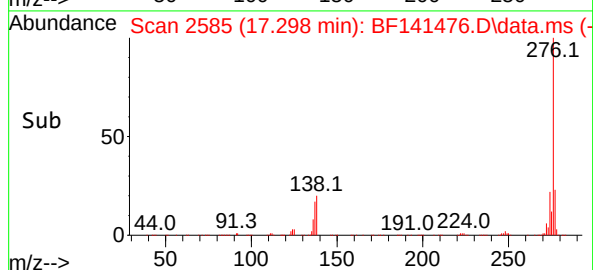
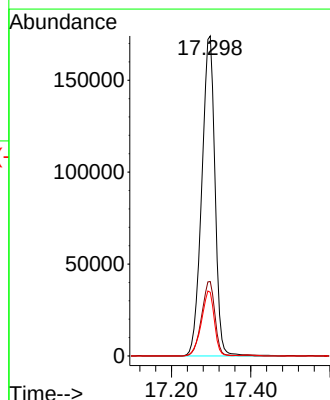
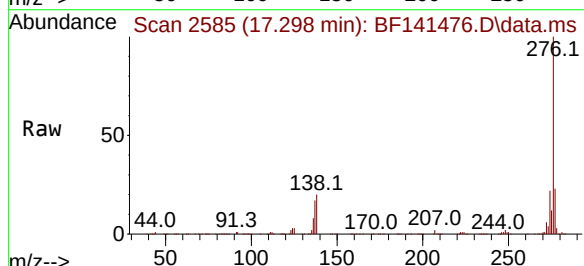
Tgt Ion:276 Resp: 402413

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.9 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141477.D
 Acq On : 06 Feb 2025 13:21
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Feb 06 16:00:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	87860	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	347298	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	190523	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	323702	20.000	ng	0.00
76) Chrysene-d12	13.963	240	205879	20.000	ng	0.00
86) Perylene-d12	15.415	264	174906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	559309	99.801	ng	0.00
7) Phenol-d6	6.434	99	702435	99.168	ng	0.00
23) Nitrobenzene-d5	7.357	82	657106	98.686	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	189178	98.845	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1182292	95.605	ng	0.00
79) Terphenyl-d14	12.904	244	1244053	102.010	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	110258	48.882	ng	98
3) Pyridine	3.210	79	275985	51.419	ng	100
4) n-Nitrosodimethylamine	3.169	42	183299	51.575	ng	97
6) Aniline	6.457	93	330719	49.774	ng	86
8) 2-Chlorophenol	6.581	128	300380	49.604	ng	98
9) Benzaldehyde	6.340	77	164133	43.605	ng	99
10) Phenol	6.445	94	364380	49.425	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	274892	49.643	ng	98
12) 1,3-Dichlorobenzene	6.728	146	316493	49.506	ng	98
13) 1,4-Dichlorobenzene	6.810	146	321786	49.264	ng	98
14) 1,2-Dichlorobenzene	6.963	146	296834	48.964	ng	99
15) Benzyl Alcohol	6.934	79	274040	50.451	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	465332	49.091	ng	97
17) 2-Methylphenol	7.051	107	232571	49.081	ng	100
18) Hexachloroethane	7.298	117	122071	50.498	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	207915	49.072	ng	98
20) 3+4-Methylphenols	7.204	107	295179	49.011	ng	96
22) Acetophenone	7.204	105	419759	48.588	ng	99
24) Nitrobenzene	7.375	77	320155	49.308	ng	100
25) Isophorone	7.616	82	521533	49.123	ng	99
26) 2-Nitrophenol	7.692	139	164623	50.962	ng	96
27) 2,4-Dimethylphenol	7.734	122	189037	50.093	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	336274	49.430	ng	100
29) 2,4-Dichlorophenol	7.939	162	251518	49.328	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	270897	48.788	ng	99
31) Naphthalene	8.098	128	878692	48.605	ng	100
32) Benzoic acid	7.863	122	202728	51.719	ng	99
33) 4-Chloroaniline	8.151	127	312251	49.471	ng	99
34) Hexachlorobutadiene	8.210	225	163240	48.971	ng	99
35) Caprolactam	8.522	113	76350	49.180	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	280911	49.736	ng	99
37) 2-Methylnaphthalene	8.786	142	572244	48.643	ng	99
38) 1-Methylnaphthalene	8.886	142	553503	48.579	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	266614	48.369	ng	98
41) Hexachlorocyclopentadiene	8.939	237	97674	53.276	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	177503	49.825	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141477.D
 Acq On : 06 Feb 2025 13:21
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Feb 06 16:00:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	187902	48.667	ng	96
46) 1,1'-Biphenyl	9.251	154	722373	48.905	ng	100
47) 2-Chloronaphthalene	9.275	162	530577	48.576	ng	100
48) 2-Nitroaniline	9.375	65	181860	49.612	ng	99
49) Acenaphthylene	9.692	152	790730	48.672	ng	99
50) Dimethylphthalate	9.557	163	630673	48.760	ng	99
51) 2,6-Dinitrotoluene	9.616	165	140697	49.760	ng	98
52) Acenaphthene	9.863	154	527828	48.327	ng	100
53) 3-Nitroaniline	9.786	138	152426	50.087	ng	99
54) 2,4-Dinitrophenol	9.892	184	87953	52.339	ng	97
55) Dibenzofuran	10.033	168	777905	48.523	ng	100
56) 4-Nitrophenol	9.957	139	118835	52.603	ng	99
57) 2,4-Dinitrotoluene	10.022	165	185741	49.346	ng	98
58) Fluorene	10.380	166	590000	47.597	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	165559	49.807	ng	98
60) Diethylphthalate	10.251	149	619064	48.647	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	286530	48.048	ng	99
62) 4-Nitroaniline	10.404	138	151765	49.113	ng	99
63) Azobenzene	10.533	77	616638	48.742	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	114725	51.021	ng	97
66) n-Nitrosodiphenylamine	10.492	169	505770	48.810	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	177761	49.135	ng	98
68) Hexachlorobenzene	10.927	284	180930	48.567	ng	98
69) Atrazine	11.022	200	149758	48.175	ng	98
70) Pentachlorophenol	11.122	266	128081	53.769	ng	99
71) Phenanthrene	11.339	178	866517	48.631	ng	100
72) Anthracene	11.392	178	877393	48.984	ng	99
73) Carbazole	11.551	167	781733	48.504	ng	100
74) Di-n-butylphthalate	11.880	149	915782	49.210	ng	100
75) Fluoranthene	12.527	202	913699	48.367	ng	100
77) Benzidine	12.651	184	222606	49.026	ng	99
78) Pyrene	12.757	202	913198	52.106	ng	100
80) Butylbenzylphthalate	13.380	149	310612	51.168	ng	99
81) Benzo(a)anthracene	13.951	228	673785	49.234	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	186802	47.650	ng	98
83) Chrysene	13.986	228	625572	49.505	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	350121	51.138	ng	100
85) Di-n-octyl phthalate	14.563	149	519741	53.213	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	586584	54.277	ng	99
88) Benzo(b)fluoranthene	14.998	252	590149	50.251	ng	99
89) Benzo(k)fluoranthene	15.027	252	469466	46.814	ng	100
90) Benzo(a)pyrene	15.357	252	467288	49.173	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	477285	54.503	ng	99
92) Benzo(g,h,i)perylene	17.304	276	500274	54.592	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Abundance

TIC: BF141477.D\data.ms

Time-->

1,4-Dioxane

Nitrosodimethylamine

2-Fluorophenol, S

Benzaldehyde

Bis(2-chloroethyl)ether

Aniline

2-Chlorophenol

1,4-Dichlorobenzene

4,4'-Dichlorobiphenyl, C

Chlorobenzene

2,2'-oxybis(1-chloroethyl)ether

Hexachlorocyclopentadiene

Nitrobenzene-d5, S

Nitrobenzene

2-Nitrophenol

Isophthalic acid

Benzoic acid

Bis(2,4,6-trichlorophenyl)methane

Naphthalene

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylphenol

2,4-Dichlorophenol, C

Tetrachlorobiphenyl, C

2-Chloronaphthalene

1,1'-Biphenyl

2-Fluorobiphenyl, S

Acenaphthylene

Acenaphthene, C

Dibenzofuran

Fluorobiphenyl-phenylether

n-Nitrosodiphenylamine, c

n-Nitrosodiphenylamine, S

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Bis(2-ethylhexyloxy)phthalate

Chrysene

Di-n-octyl phthalate, c

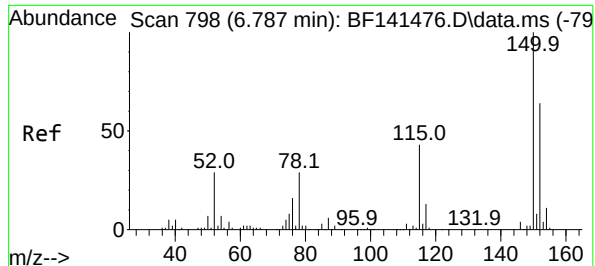
Benzo(b)fluoranthene

Benzo(a)pyrene, C

Perylene-d12, I

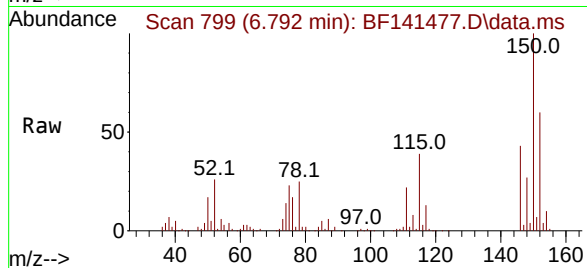
Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene

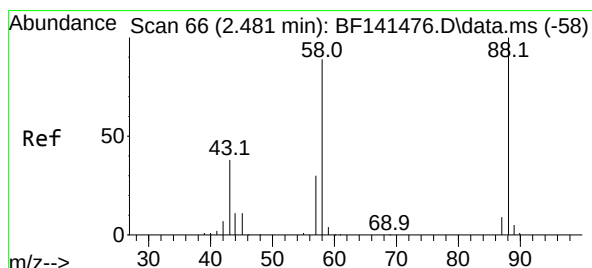
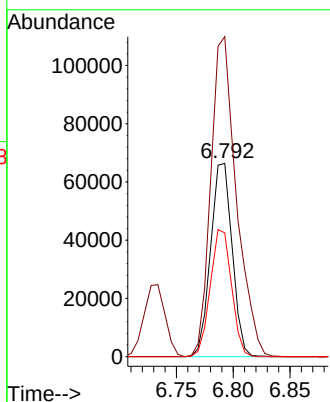
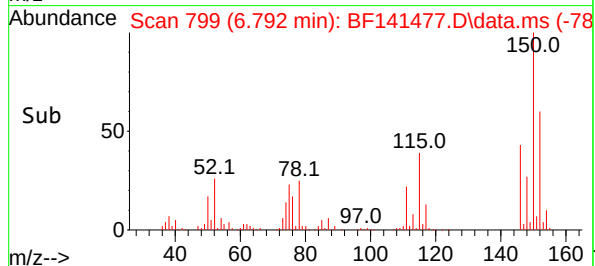


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

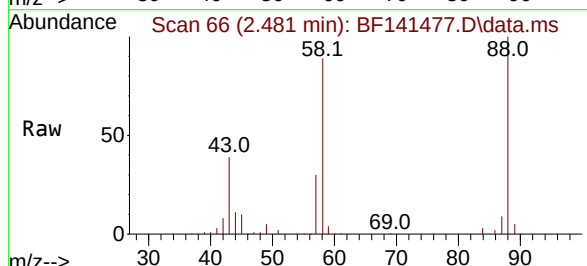
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



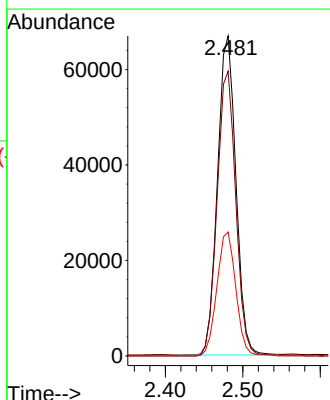
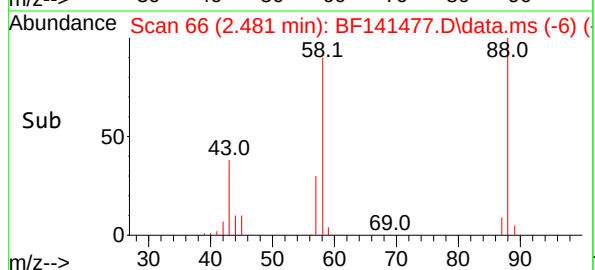
Tgt Ion:152 Resp: 87860
Ion Ratio Lower Upper
152 100
150 165.6 125.0 187.4
115 64.1 53.6 80.4

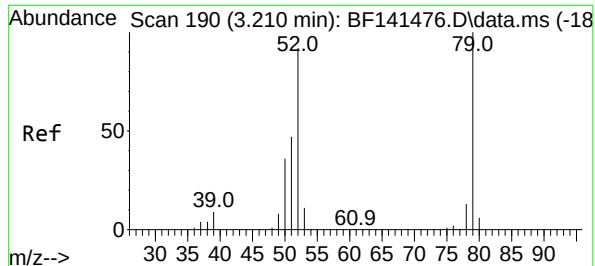


#2
1,4-Dioxane
Concen: 48.882 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21



Tgt Ion: 88 Resp: 110258
Ion Ratio Lower Upper
88 100
58 90.6 71.1 106.7
43 40.1 30.6 46.0





#3

Pyridine

Concen: 51.419 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

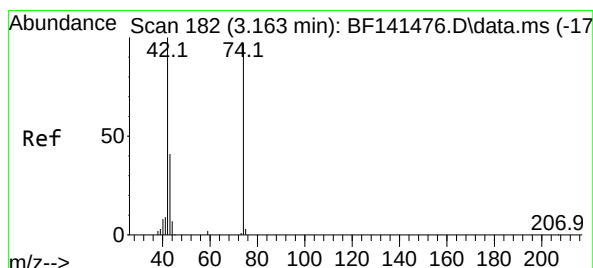
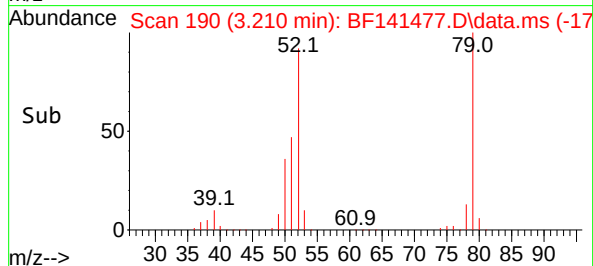
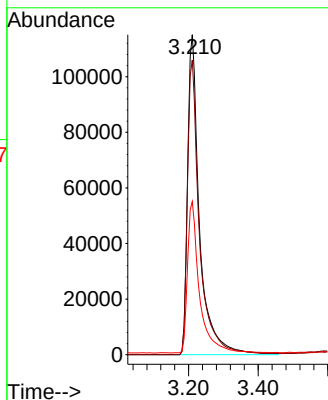
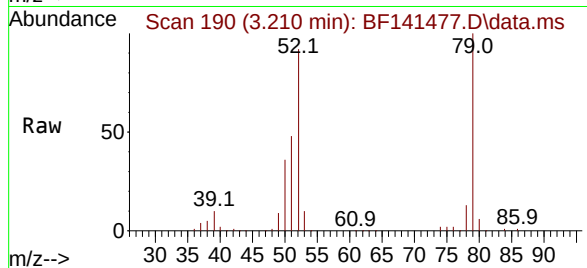
Tgt Ion: 79 Resp: 275985

Ion Ratio Lower Upper

79 100

52 92.1 73.7 110.5

51 47.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 51.575 ng

RT: 3.169 min Scan# 183

Delta R.T. -0.018 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

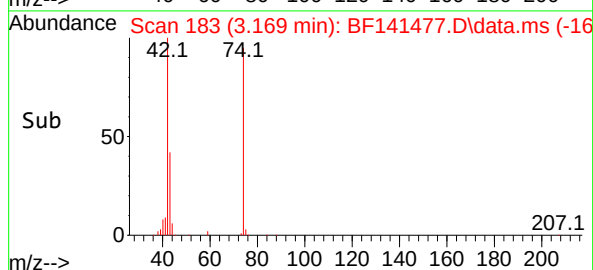
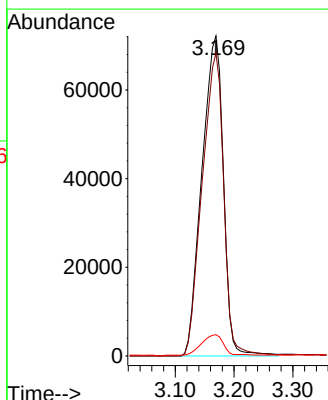
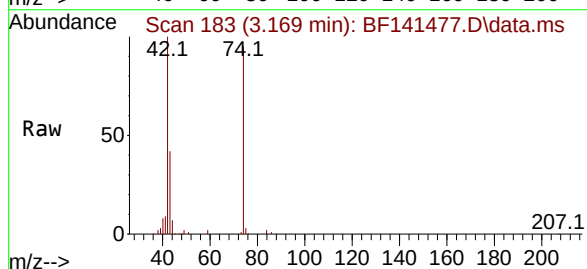
Tgt Ion: 42 Resp: 183299

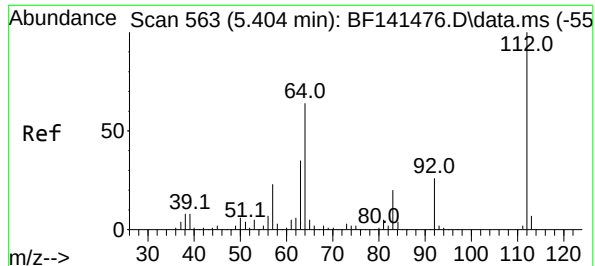
Ion Ratio Lower Upper

42 100

74 94.6 78.0 117.0

44 6.7 5.4 8.2

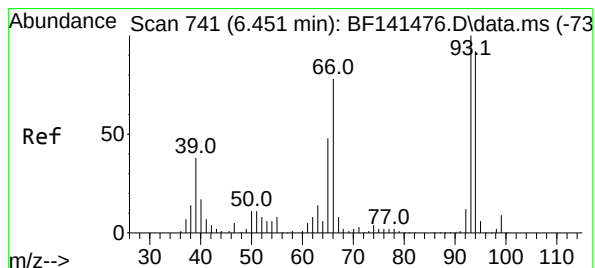
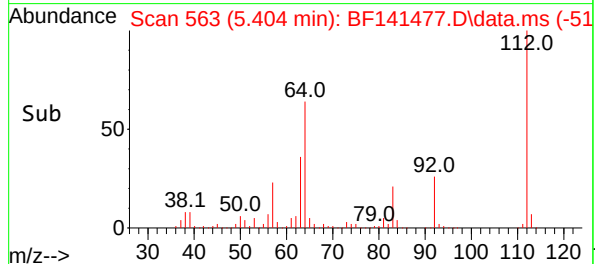
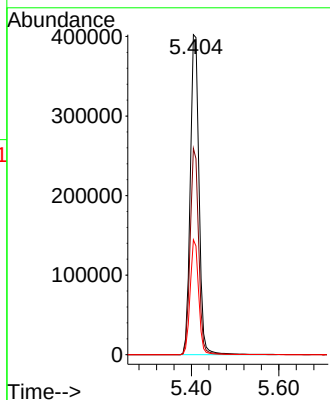
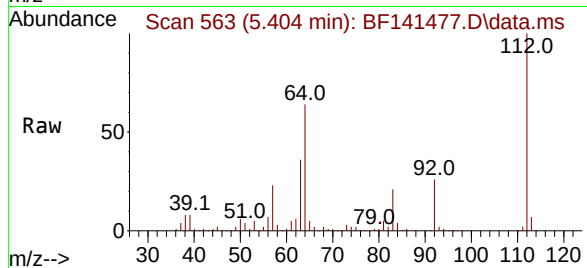




#5
2-Fluorophenol
Concen: 99.801 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

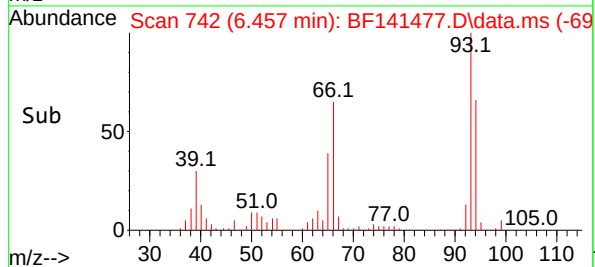
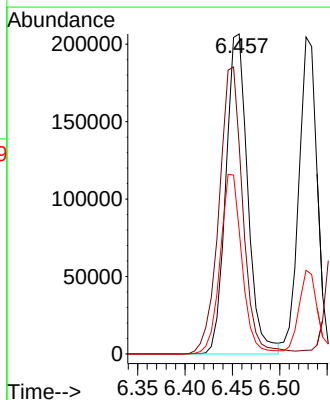
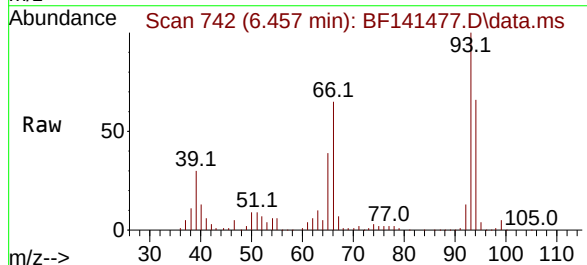
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

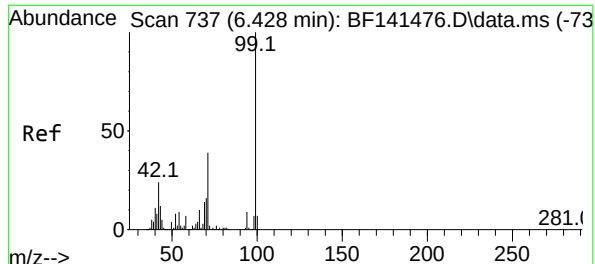
Tgt Ion:112 Resp: 559309
Ion Ratio Lower Upper
112 100
64 64.4 51.1 76.7
63 35.9 28.4 42.6



#6
Aniline
Concen: 49.774 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 93 Resp: 330719
Ion Ratio Lower Upper
93 100
66 65.4 62.6 94.0
65 38.7 38.3 57.5

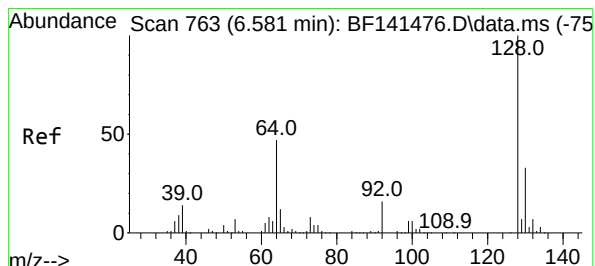
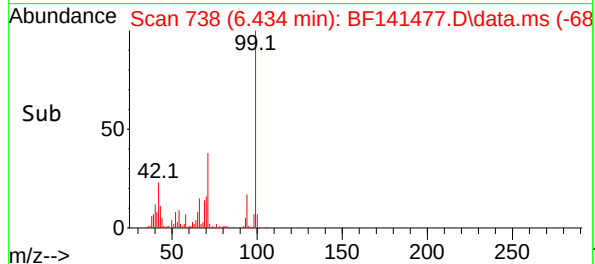
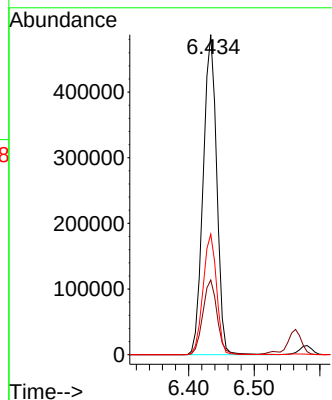
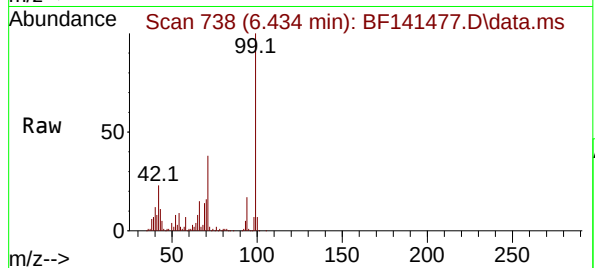




#7
Phenol-d6
Concen: 99.168 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

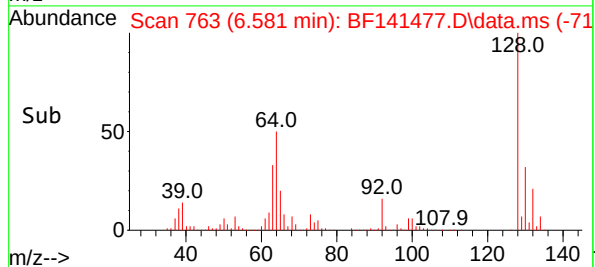
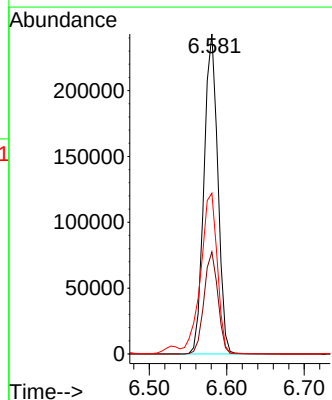
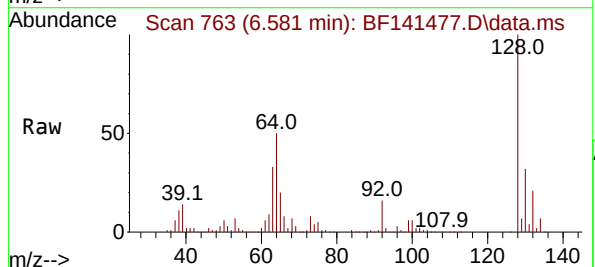
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

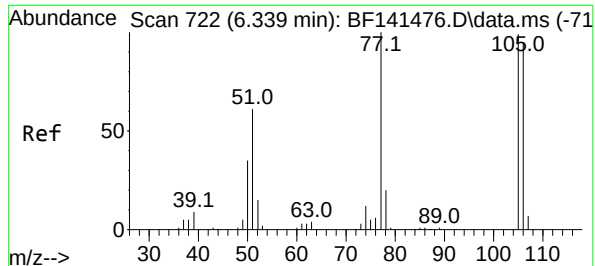
Tgt Ion: 99 Resp: 702435
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.6 31.1 46.7



#8
2-Chlorophenol
Concen: 49.604 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 128 Resp: 300380
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 50.3 28.3 68.3

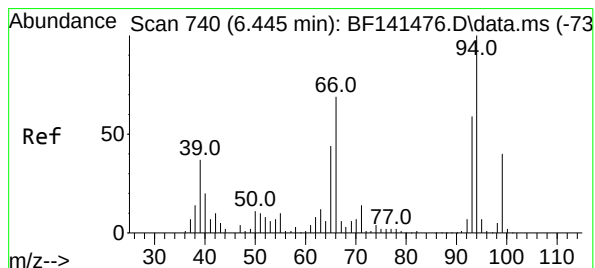
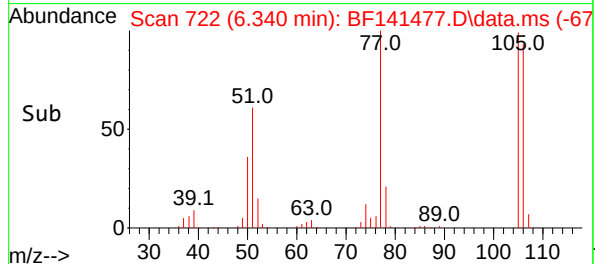
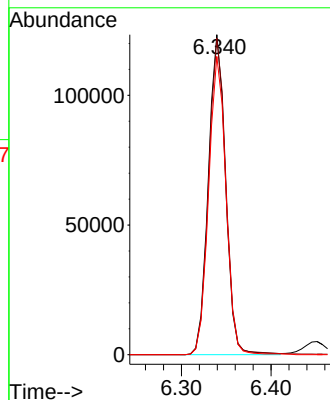
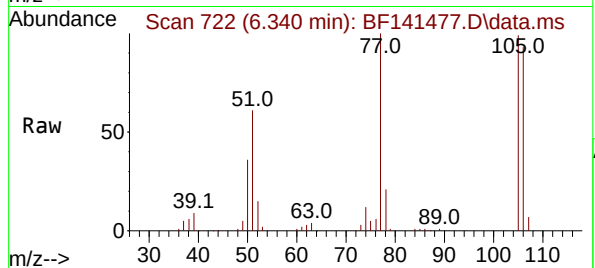




#9
Benzaldehyde
Concen: 43.605 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

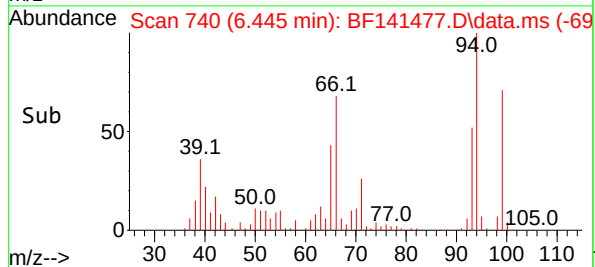
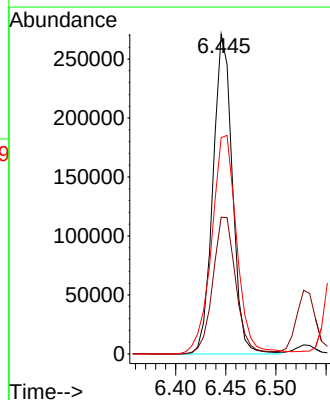
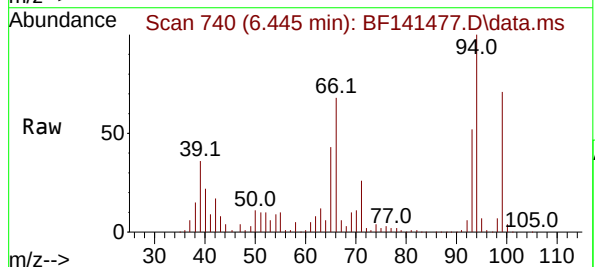
Instrument :
BNA_F
ClientSampleId :
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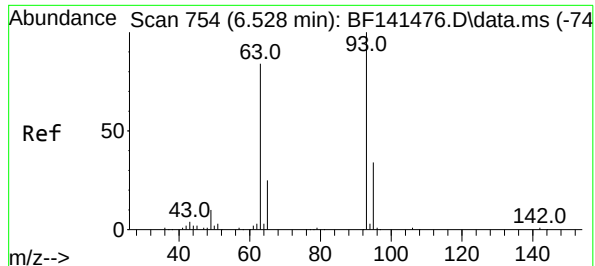
Tgt Ion: 77 Resp: 164133
Ion Ratio Lower Upper
77 100
105 98.9 79.4 119.4
106 93.2 75.1 115.1



#10
Phenol
Concen: 49.425 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 94 Resp: 364380
Ion Ratio Lower Upper
94 100
65 42.8 23.7 63.7
66 67.6 49.3 89.3

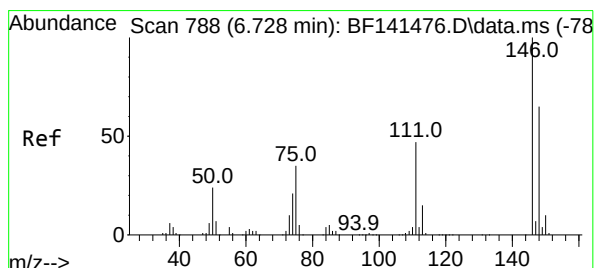
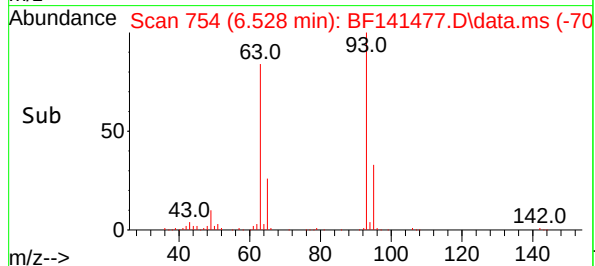
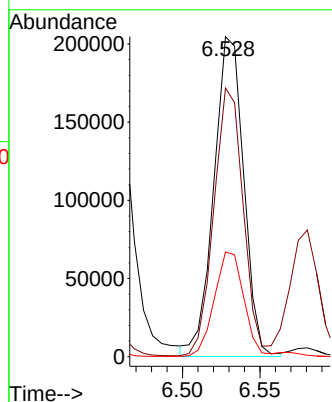
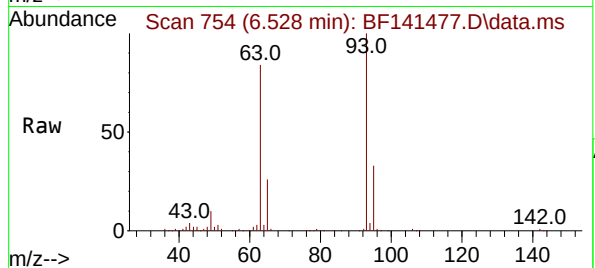




#11
bis(2-Chloroethyl)ether
Concen: 49.643 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

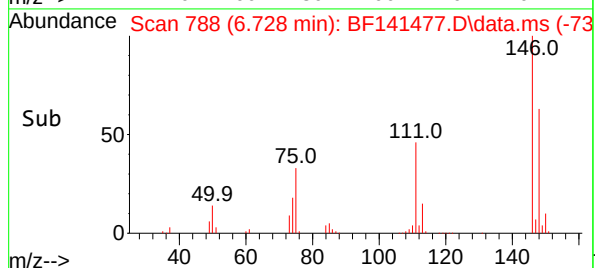
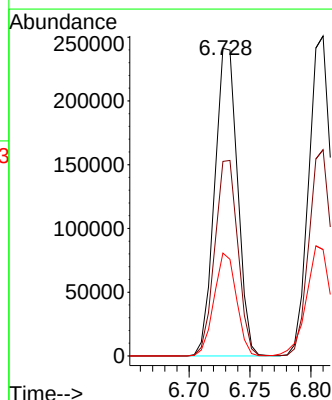
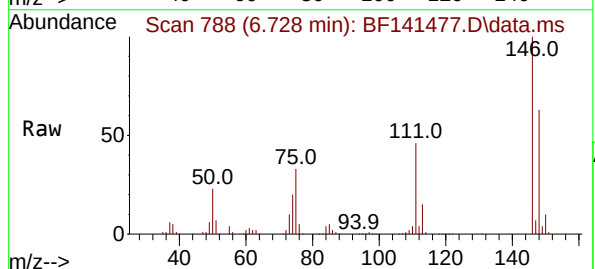
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ClientSampleId :
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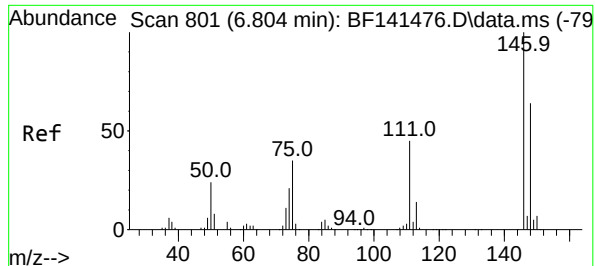
Tgt Ion: 93 Resp: 274892
Ion Ratio Lower Upper
93 100
63 83.9 62.0 102.0
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 49.506 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 146 Resp: 316493
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 49.264 ng

RT: 6.810 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

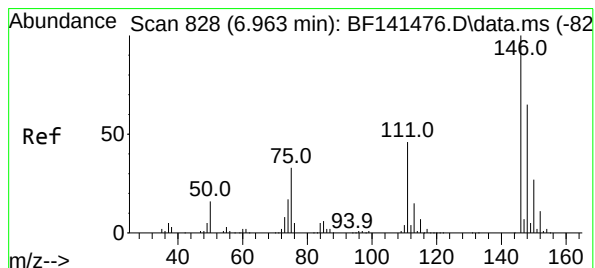
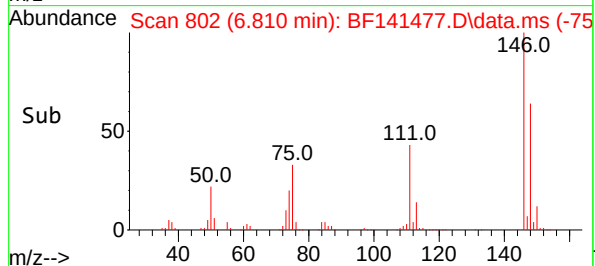
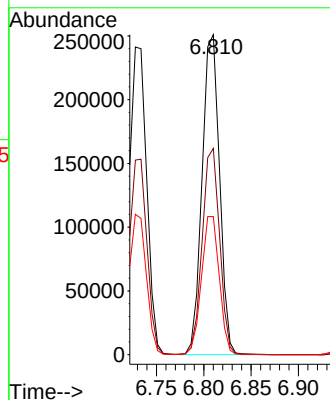
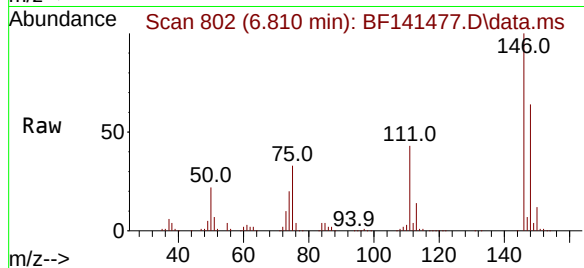
Tgt Ion:146 Resp: 321786

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

111 43.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 48.964 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

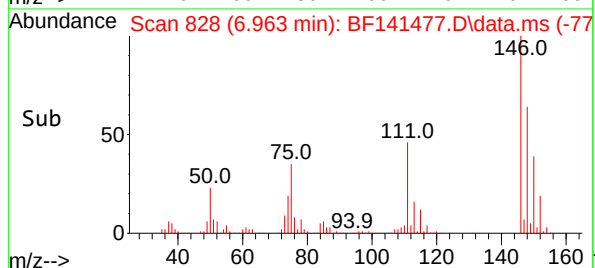
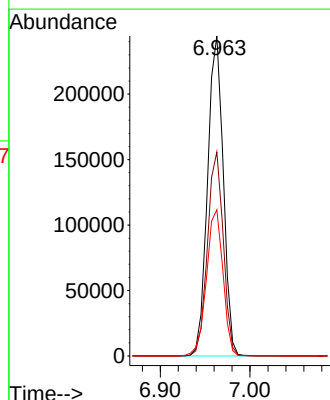
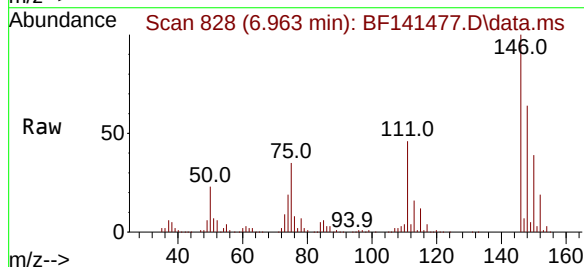
Tgt Ion:146 Resp: 296834

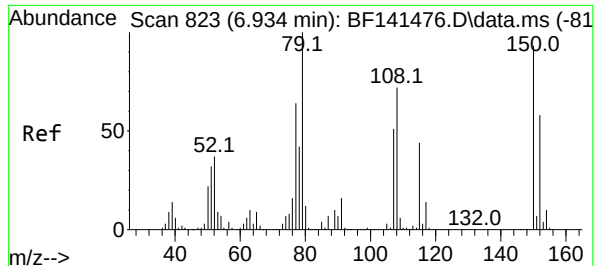
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

111 45.7 37.0 55.4

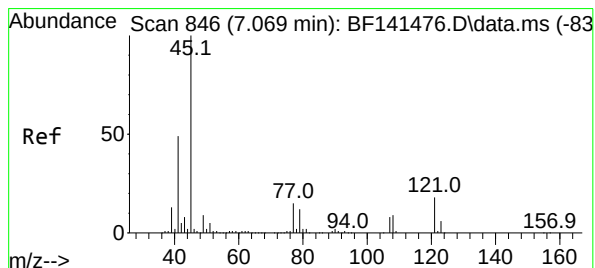
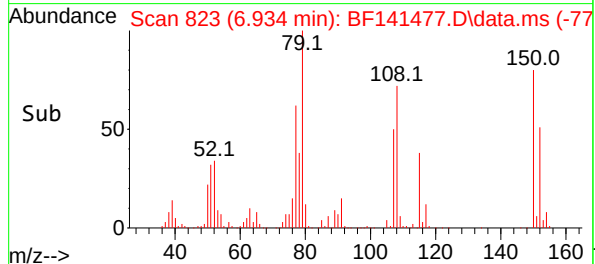
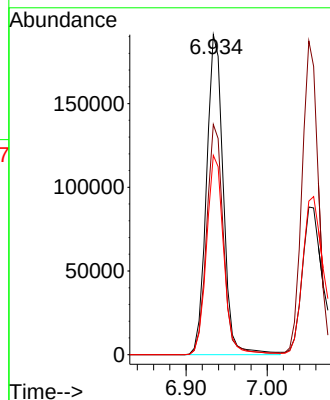
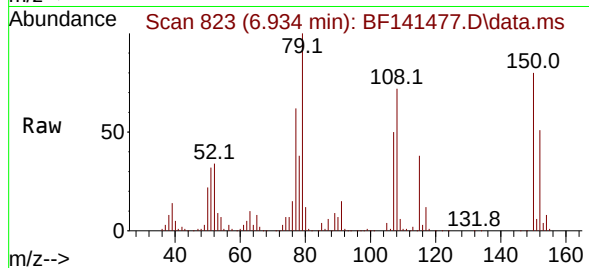




#15
Benzyl Alcohol
Concen: 50.451 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

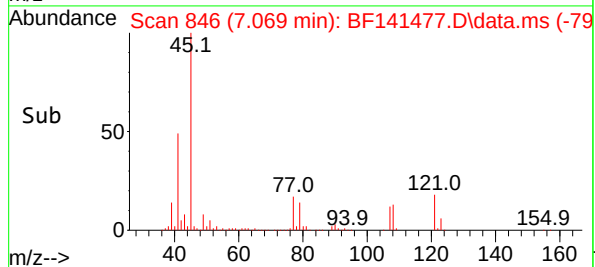
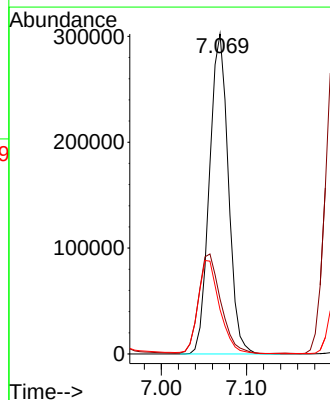
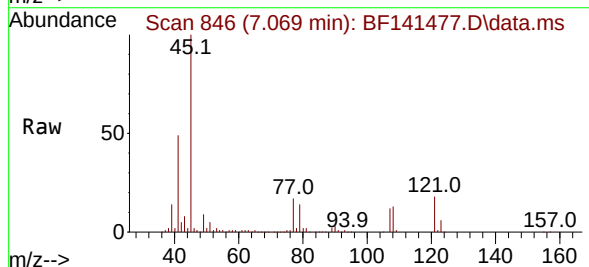
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

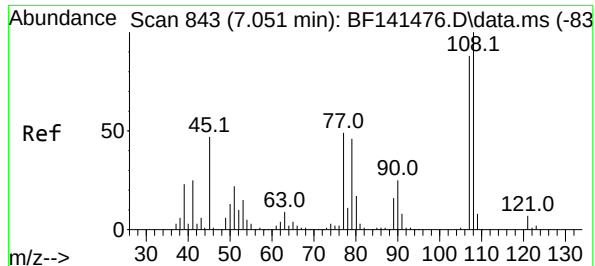
Tgt Ion: 79 Resp: 274040
Ion Ratio Lower Upper
79 100
108 71.9 57.4 86.2
77 62.3 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.091 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

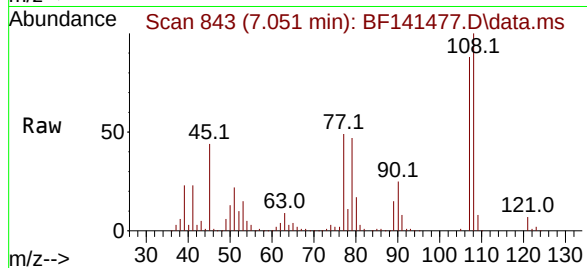
Tgt Ion: 45 Resp: 465332
Ion Ratio Lower Upper
45 100
77 17.2 0.0 35.8
79 13.9 0.0 32.7



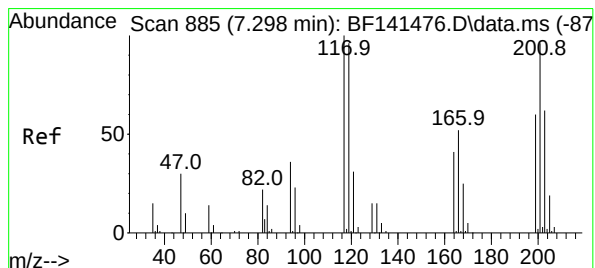
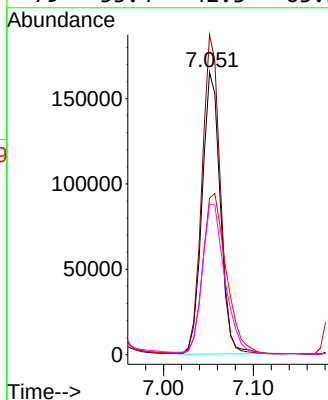
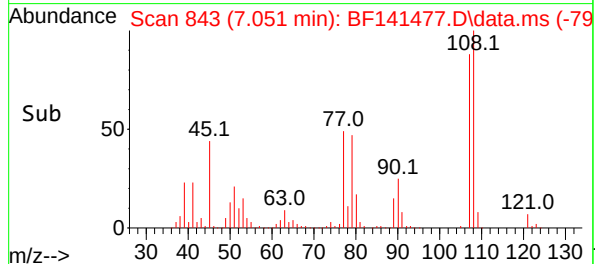


#17
2-Methylphenol
Concen: 49.081 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

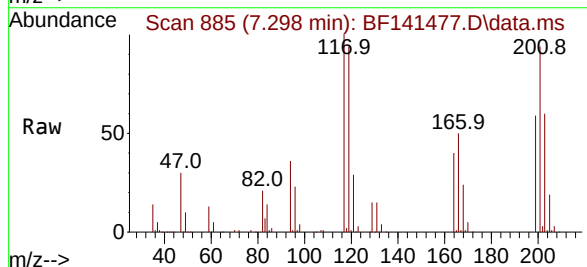
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



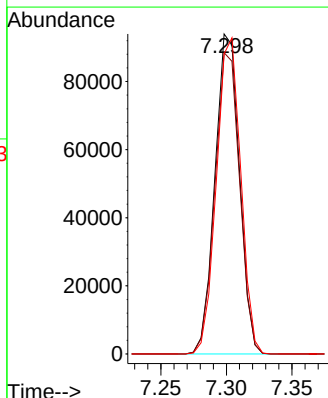
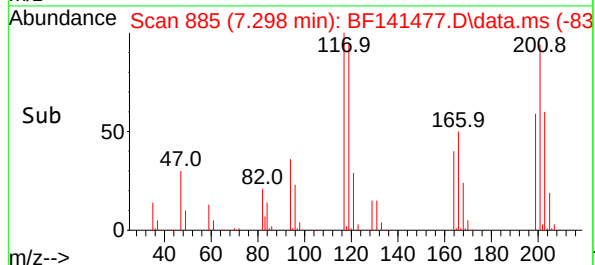
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.6	136.0
77	55.4	44.4	66.6
79	53.4	42.3	63.5

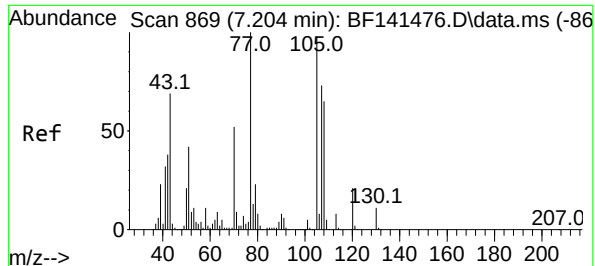


#18
Hexachloroethane
Concen: 50.498 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21



Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.5	114.7
201	93.8	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 49.072 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141477.D

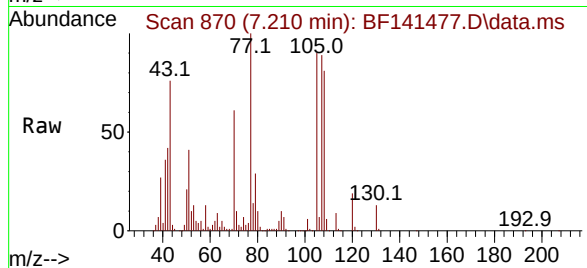
Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

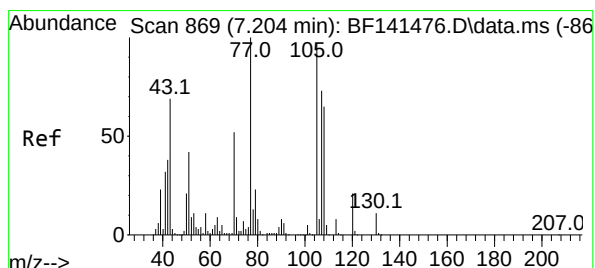
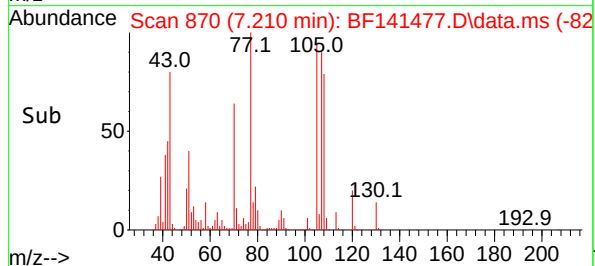
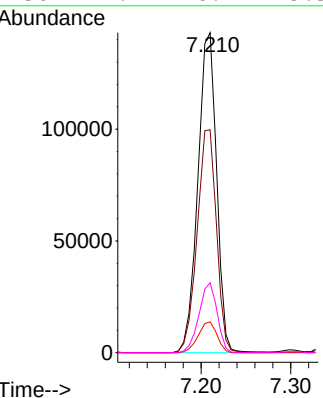
ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 207915

Ion	Ratio	Lower	Upper
70	100		
42	69.6	57.4	86.2
101	9.6	8.0	12.0
130	21.9	16.9	25.3



#20

3+4-Methylphenols

Concen: 49.011 ng

RT: 7.204 min Scan# 869

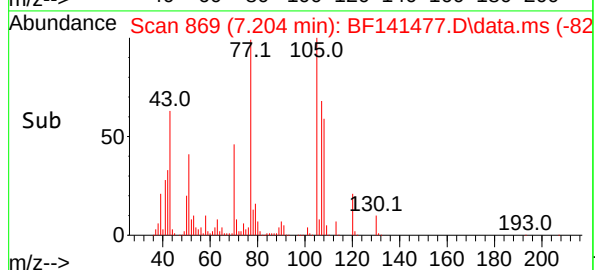
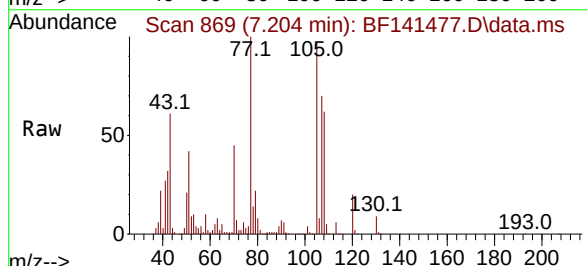
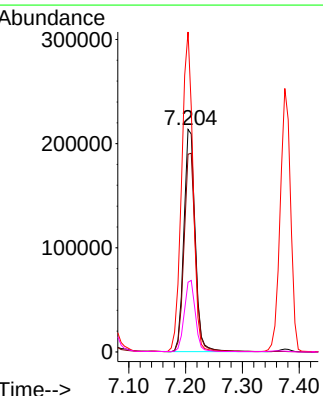
Delta R.T. -0.012 min

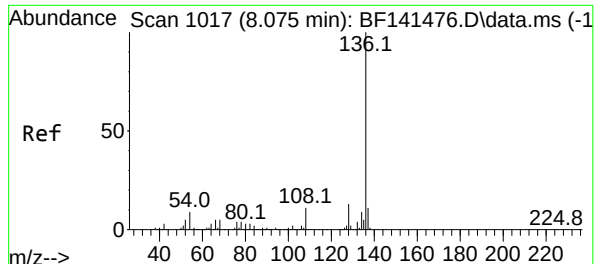
Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Tgt Ion: 107 Resp: 295179

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.5	108.5
77	143.8	116.5	156.5
79	31.4	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 347298

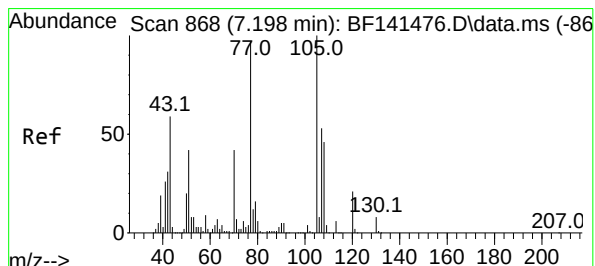
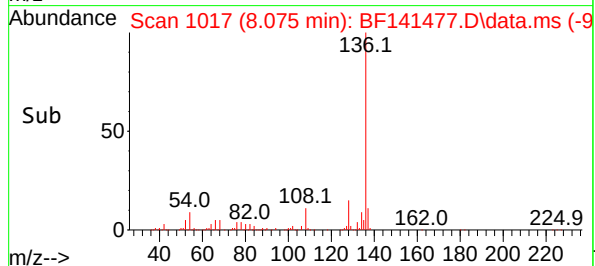
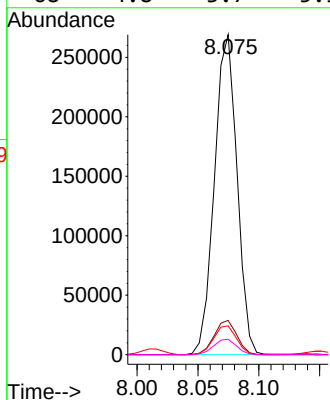
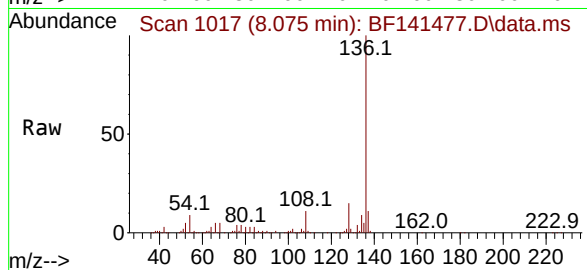
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.0 7.2 10.8

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 48.588 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Tgt Ion:105 Resp: 419759

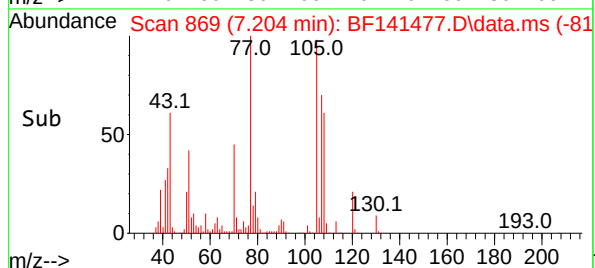
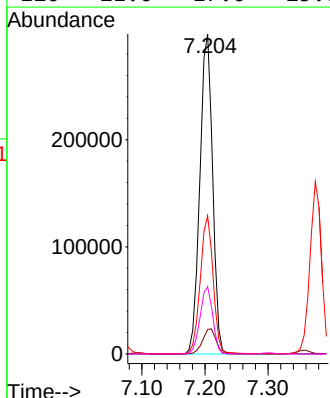
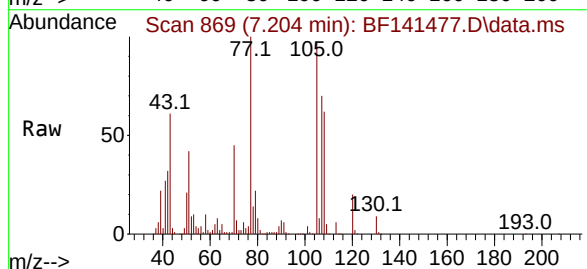
Ion Ratio Lower Upper

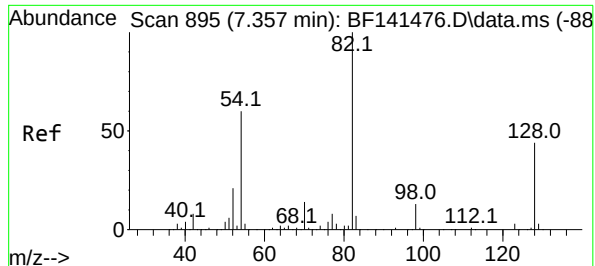
105 100

71 7.7 5.7 8.5

51 43.2 33.7 50.5

120 21.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 98.686 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

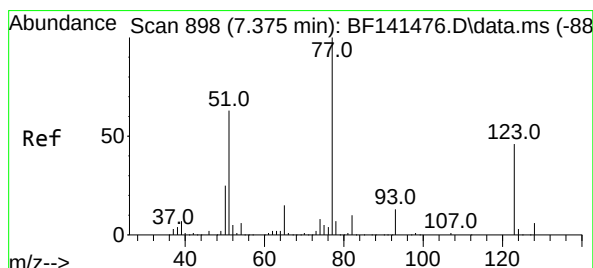
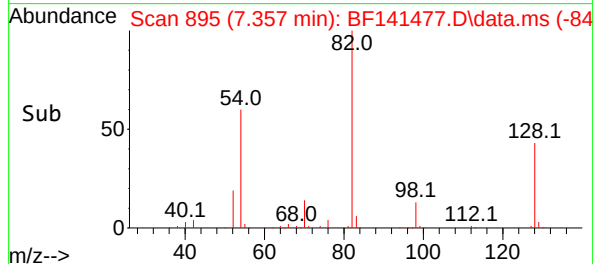
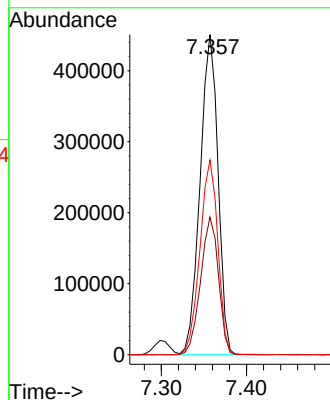
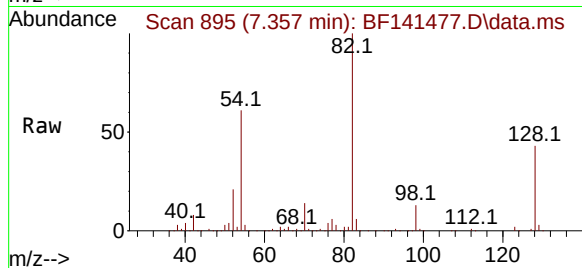
Tgt Ion: 82 Resp: 657106

Ion Ratio Lower Upper

82 100

128 42.9 34.8 52.2

54 60.9 48.2 72.4



#24

Nitrobenzene

Concen: 49.308 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

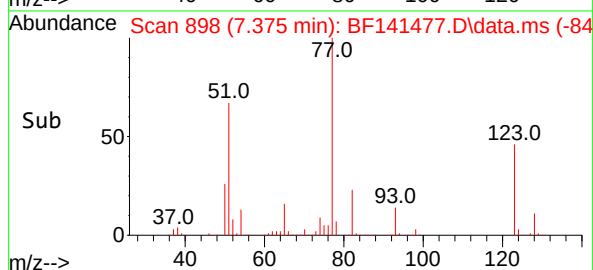
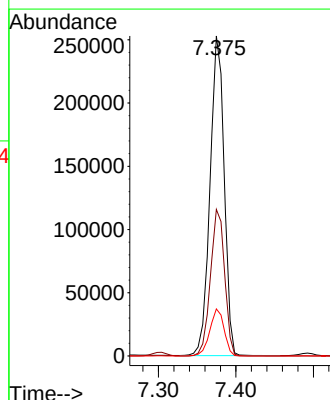
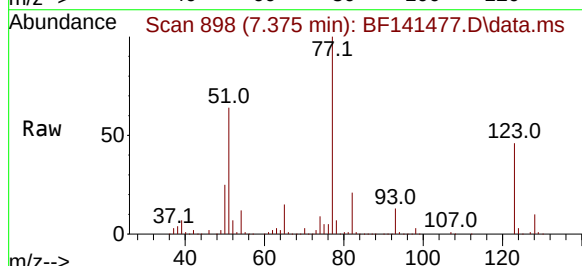
Tgt Ion: 77 Resp: 320155

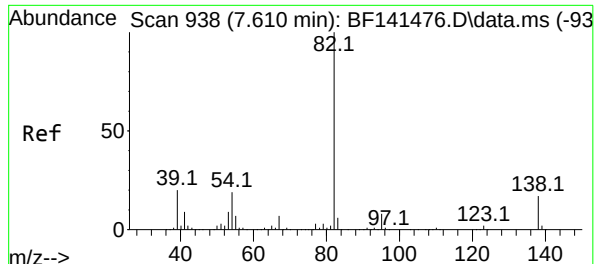
Ion Ratio Lower Upper

77 100

123 45.8 36.9 55.3

65 14.7 11.9 17.9





#25

Isophorone

Concen: 49.123 ng

RT: 7.616 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

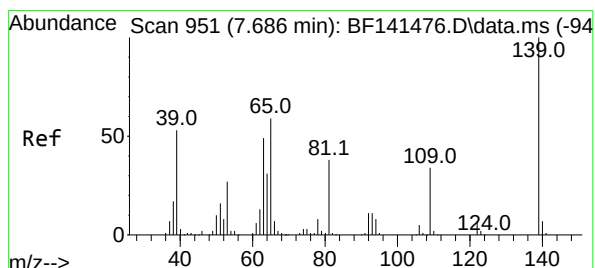
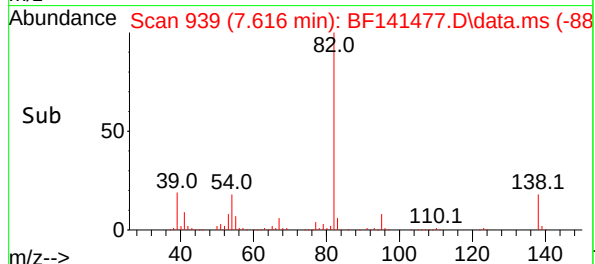
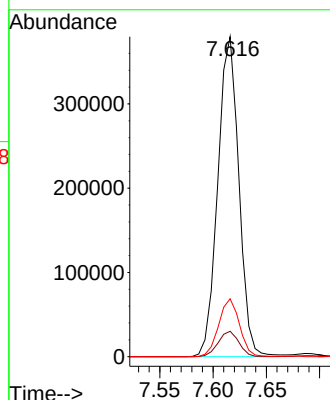
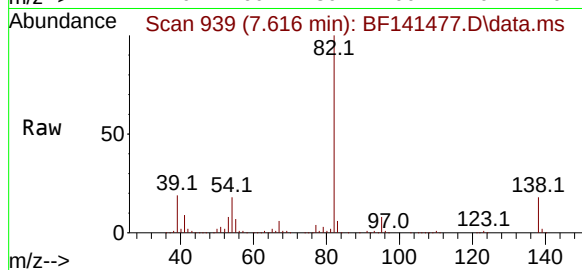
Tgt Ion: 82 Resp: 521533

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 18.1 13.9 20.9



#26

2-Nitrophenol

Concen: 50.962 ng

RT: 7.692 min Scan# 952

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

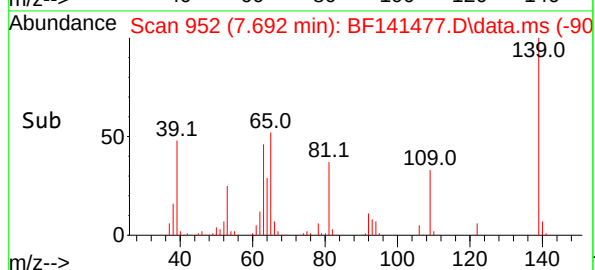
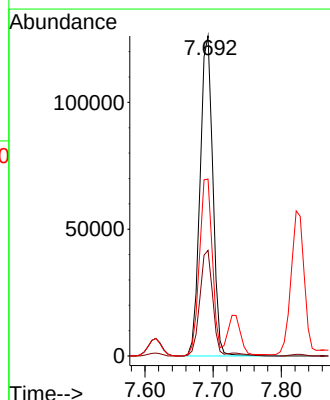
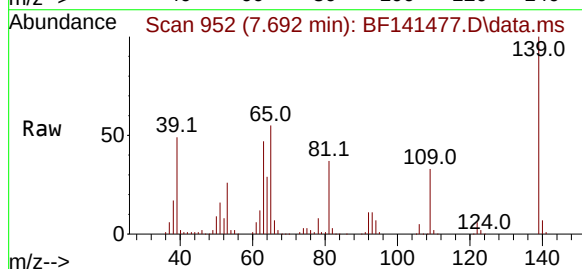
Tgt Ion:139 Resp: 164623

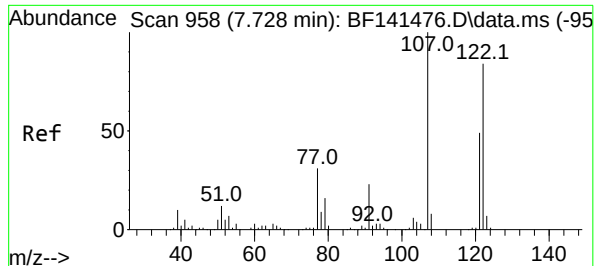
Ion Ratio Lower Upper

139 100

109 33.0 27.0 40.6

65 55.3 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 50.093 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

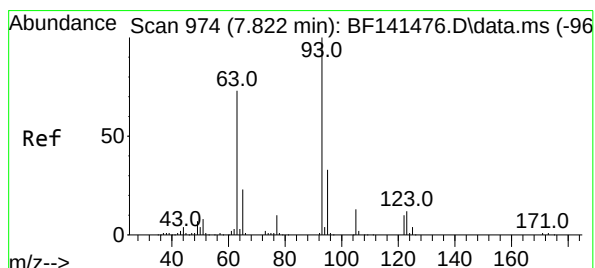
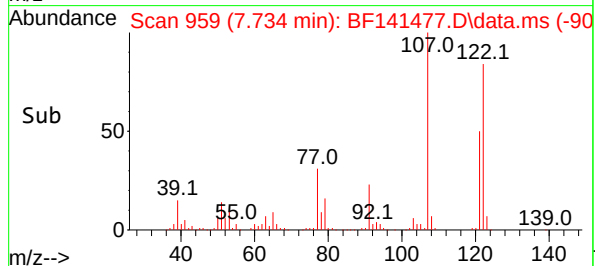
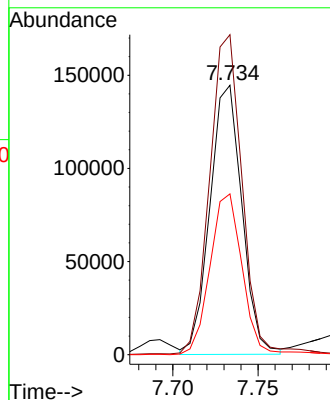
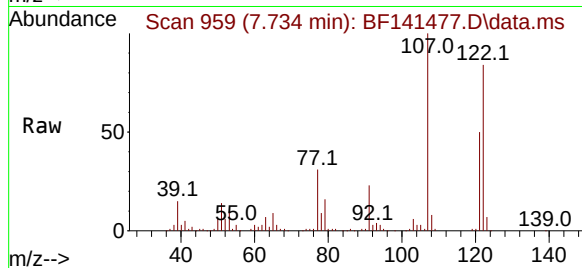
Tgt Ion:122 Resp: 189037

Ion Ratio Lower Upper

122 100

107 118.8 94.3 141.5

121 59.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.430 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

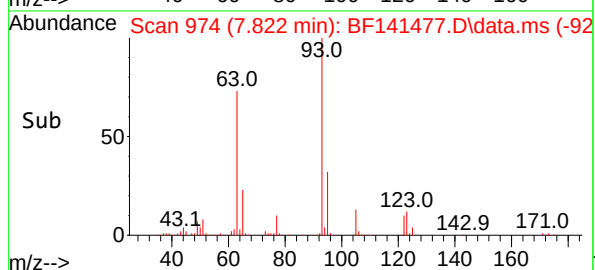
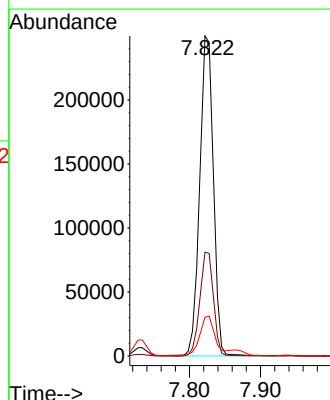
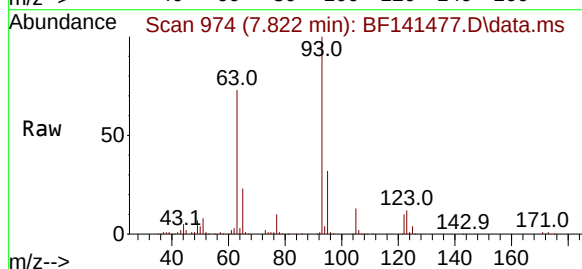
Tgt Ion: 93 Resp: 336274

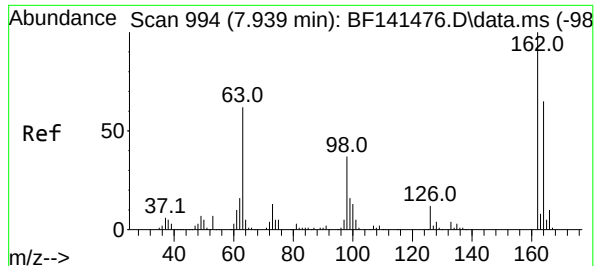
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.328 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

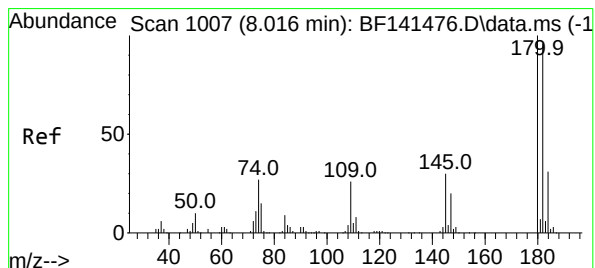
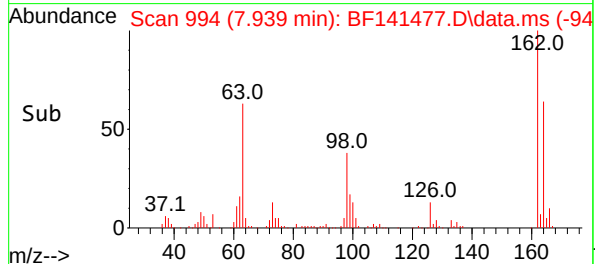
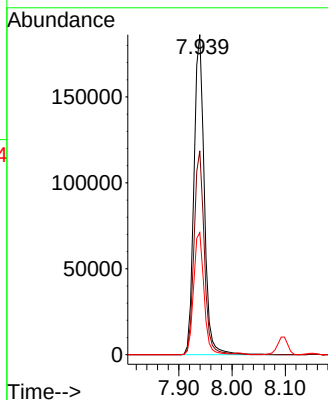
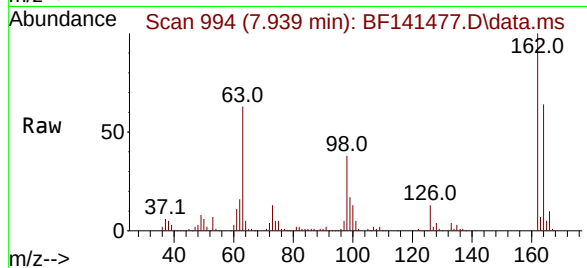
Tgt Ion:162 Resp: 251518

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

98 38.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 48.788 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

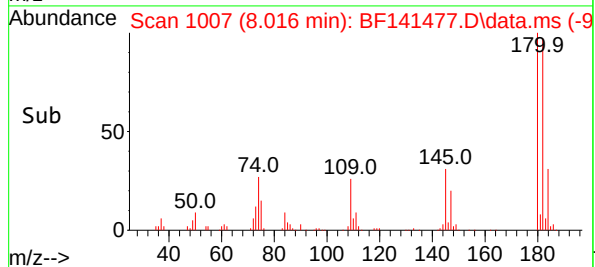
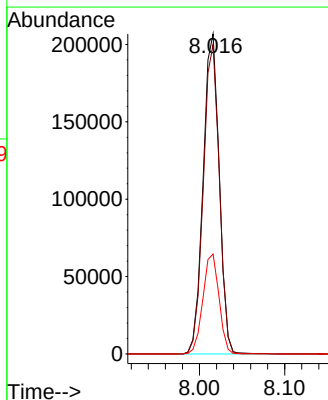
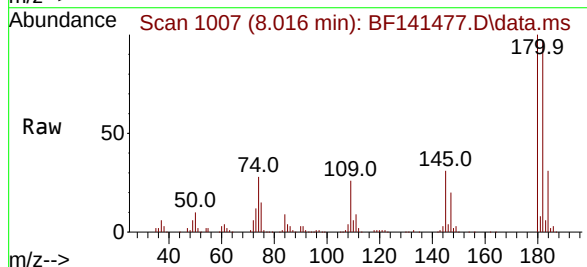
Tgt Ion:180 Resp: 270897

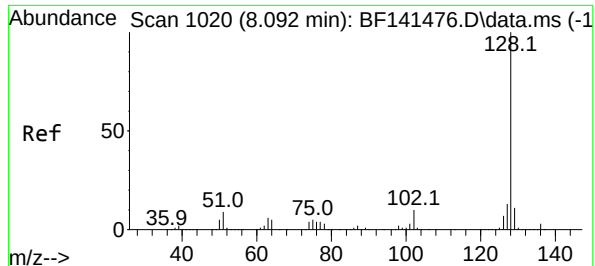
Ion Ratio Lower Upper

180 100

182 96.8 76.8 115.2

145 31.3 24.2 36.4

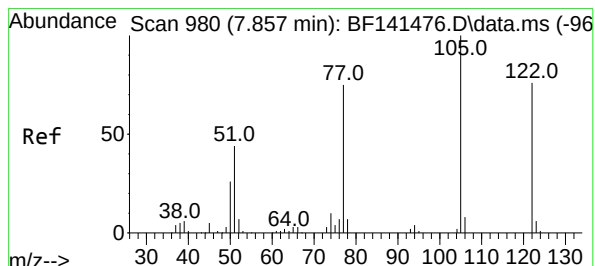
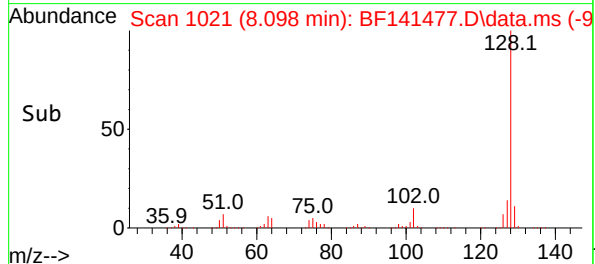
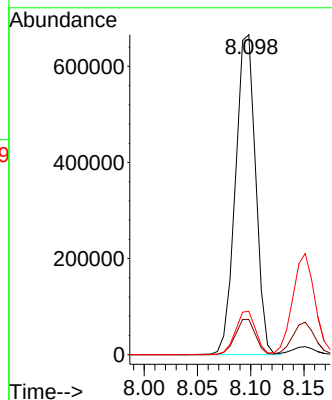
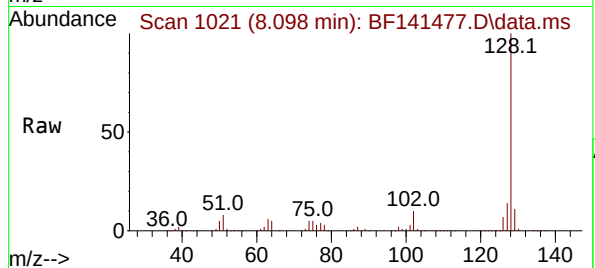




#31
Naphthalene
Concen: 48.605 ng
RT: 8.098 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

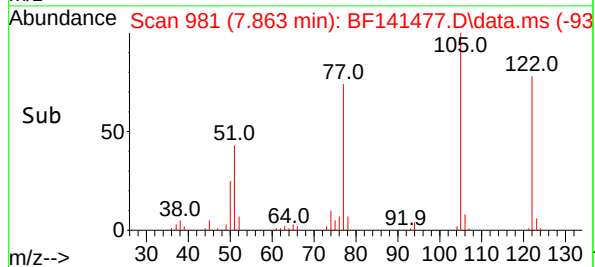
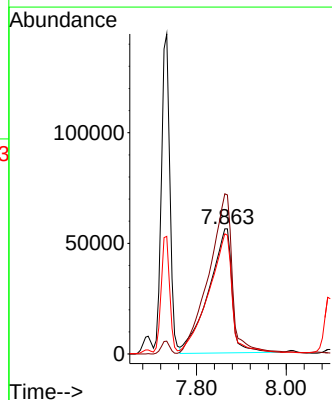
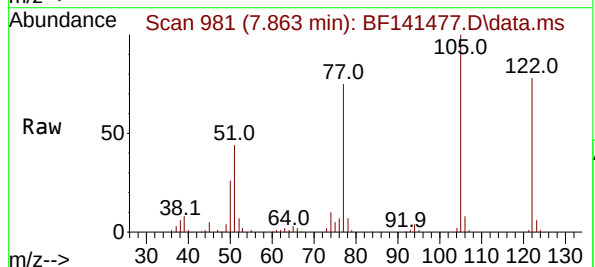
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

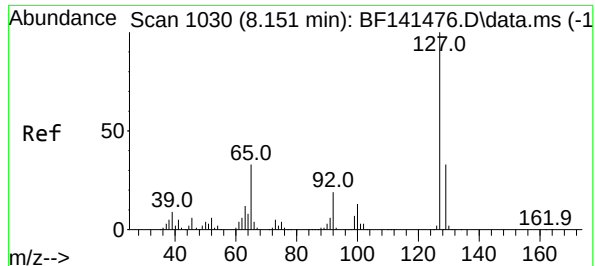
Tgt Ion:128 Resp: 878692
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 51.719 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:122 Resp: 202728
Ion Ratio Lower Upper
122 100
105 128.0 106.5 146.5
77 96.0 76.3 116.3

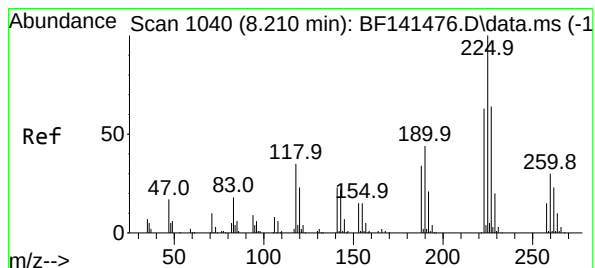
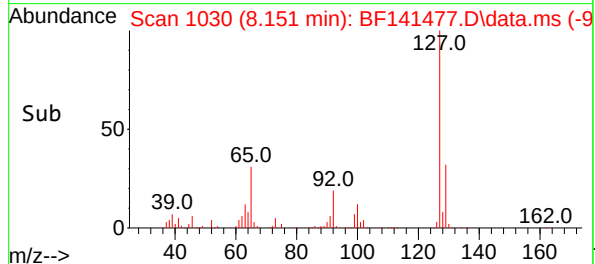
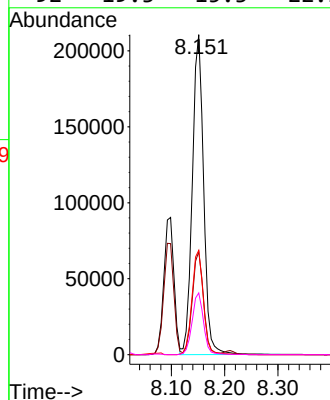
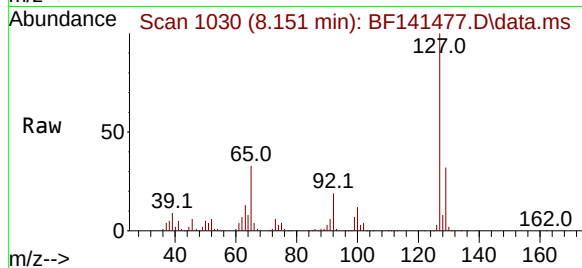




#33
4-Chloroaniline
Concen: 49.471 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

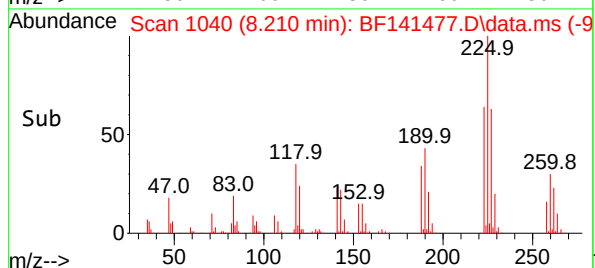
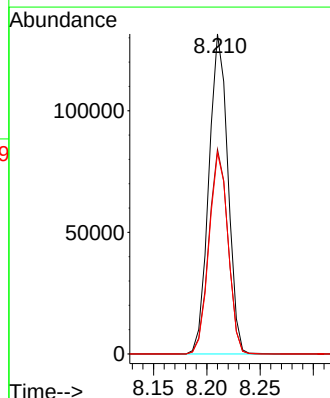
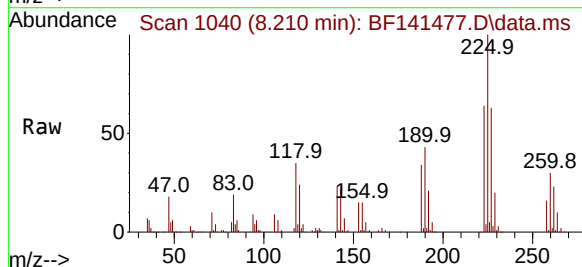
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

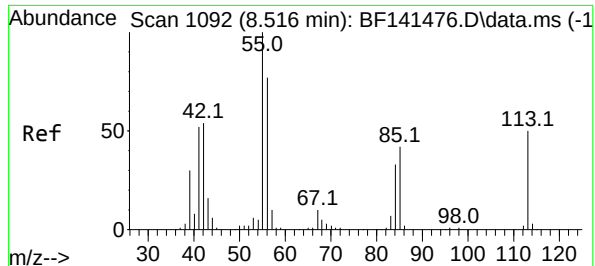
Tgt Ion:127	Resp: 312251
Ion Ratio	Lower Upper
127	100
129	32.2 26.5 39.7
65	32.6 26.4 39.6
92	19.3 15.3 22.9



#34
Hexachlorobutadiene
Concen: 48.971 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:225	Resp: 163240
Ion Ratio	Lower Upper
225	100
223	63.9 50.1 75.1
227	62.8 51.0 76.6

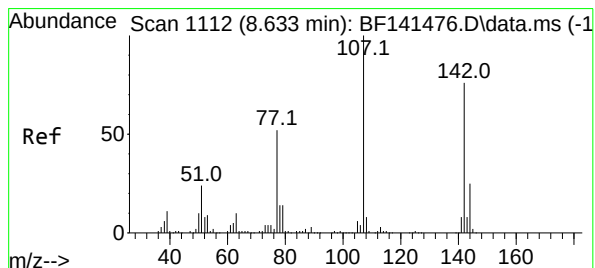
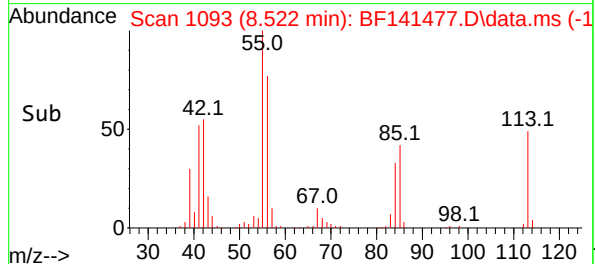
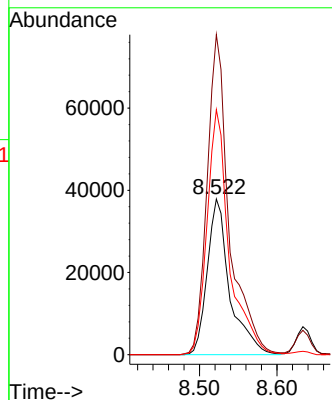
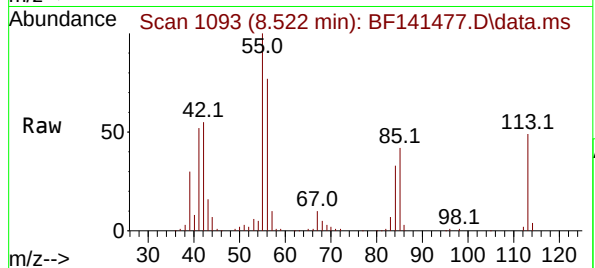




#35
Caprolactam
Concen: 49.180 ng
RT: 8.522 min Scan# 1092
Delta R.T. -0.023 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

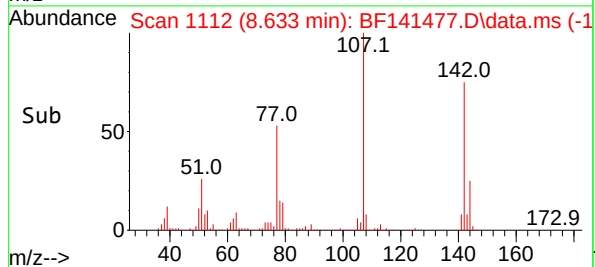
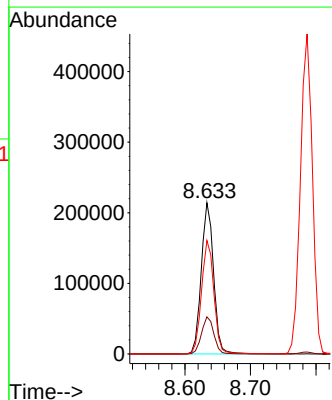
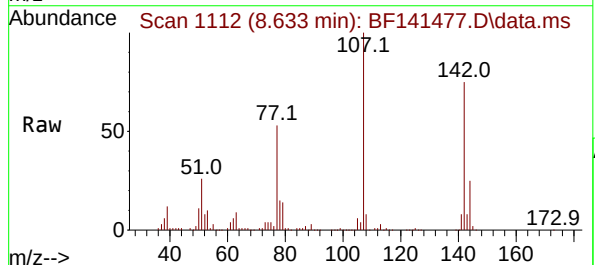
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

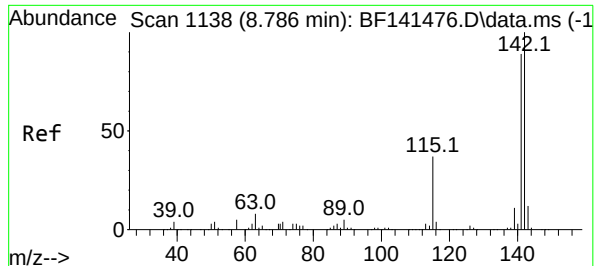
Tgt Ion:113 Resp: 76350
Ion Ratio Lower Upper
113 100
55 205.6 180.8 220.8
56 157.4 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 49.736 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:107 Resp: 280911
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 75.0 60.8 91.2





#37

2-Methylnaphthalene

Concen: 48.643 ng

RT: 8.786 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

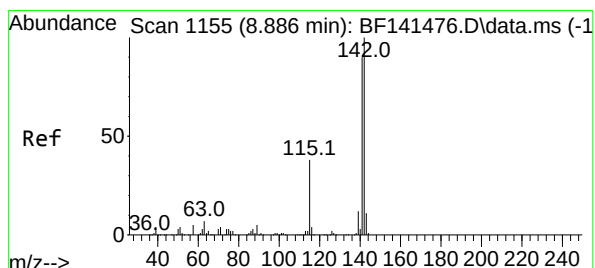
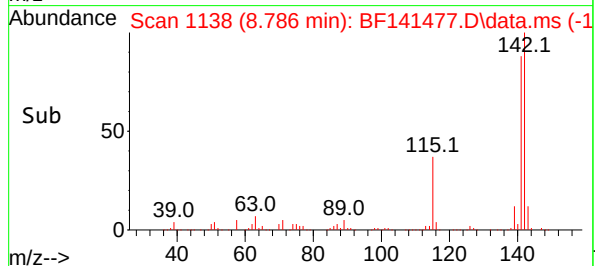
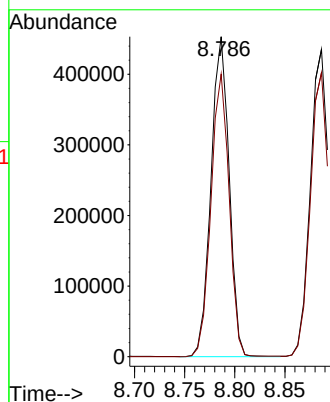
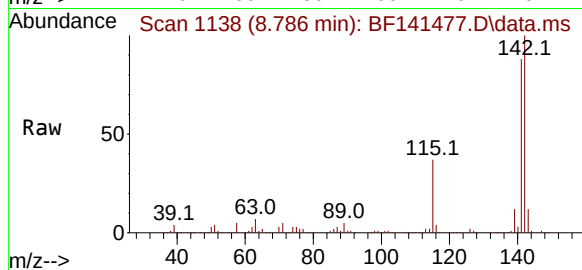
SSTDICC050

Tgt Ion:142 Resp: 572244

Ion Ratio Lower Upper

142 100

141 88.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 48.579 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF141477.D

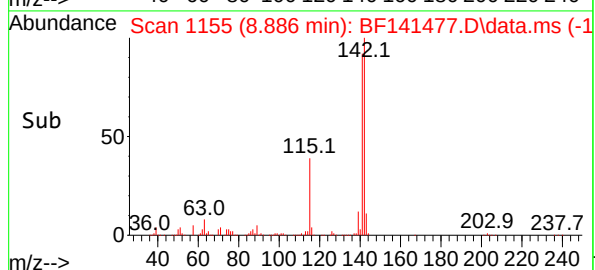
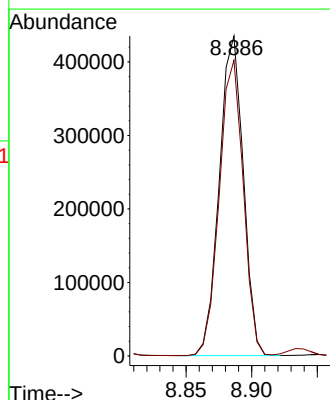
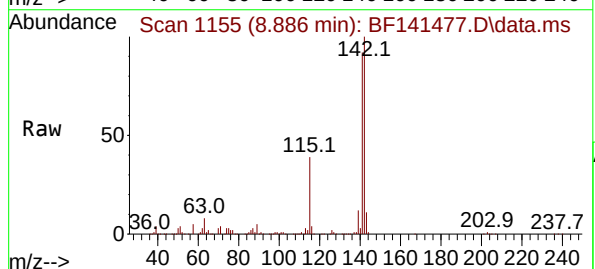
Acq: 06 Feb 2025 13:21

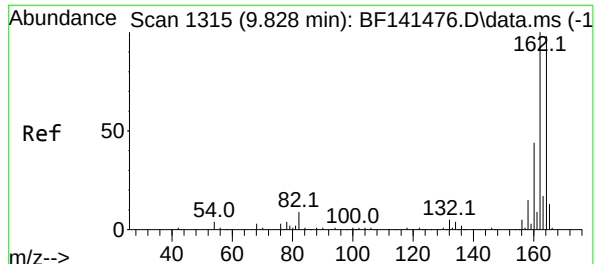
Tgt Ion:142 Resp: 553503

Ion Ratio Lower Upper

142 100

141 92.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

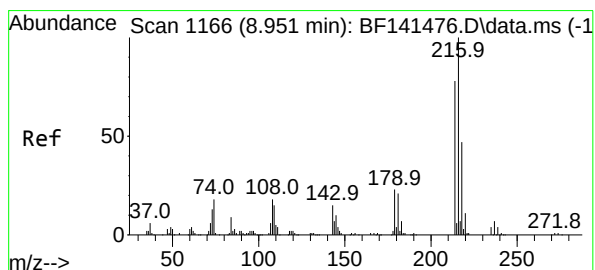
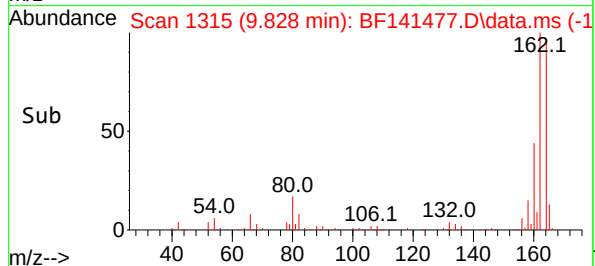
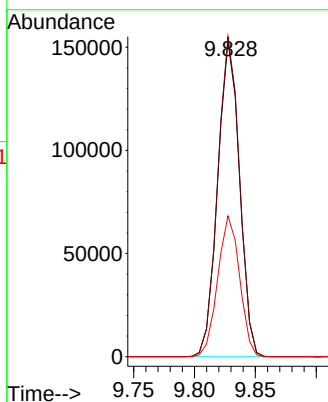
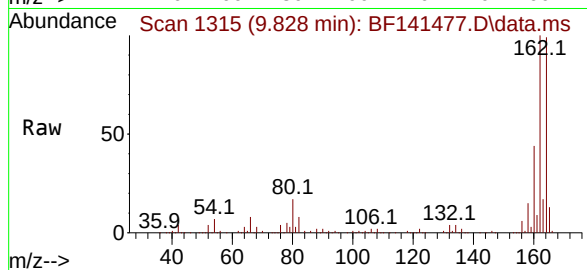
Tgt Ion:164 Resp: 190523

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 44.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.369 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Tgt Ion:216 Resp: 266614

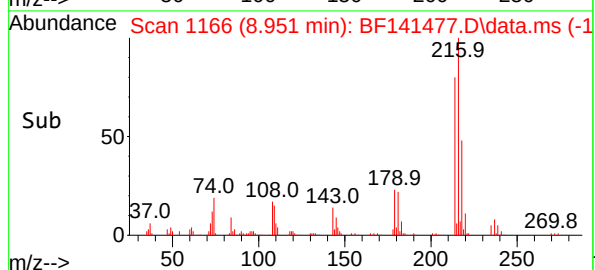
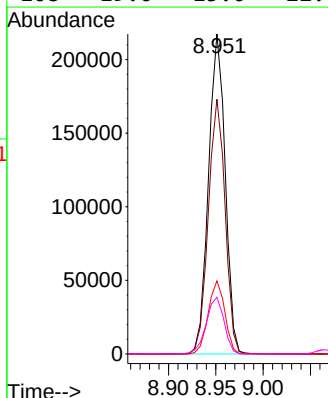
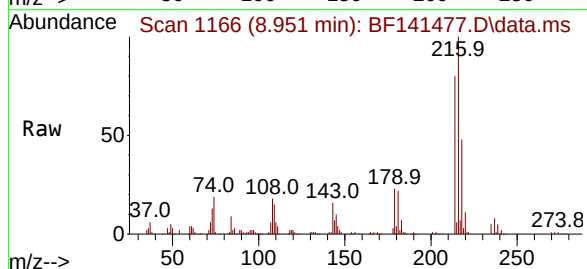
Ion Ratio Lower Upper

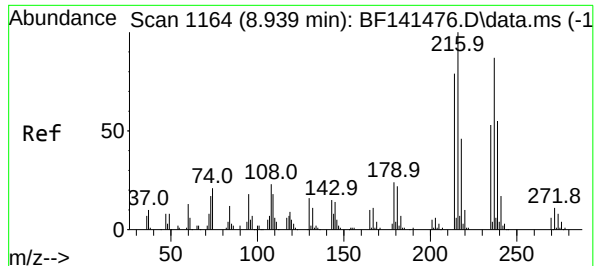
216 100

214 80.0 62.3 93.5

179 22.7 18.0 27.0

108 19.0 15.0 22.6

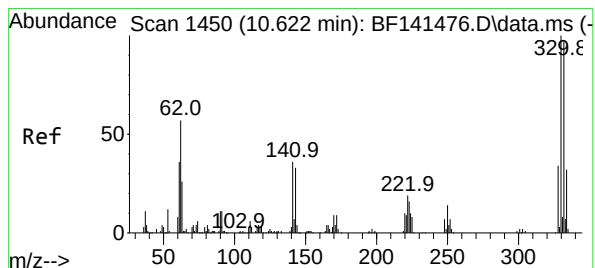
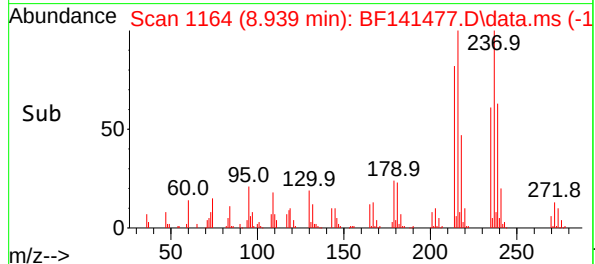
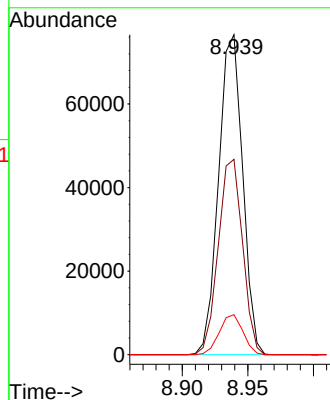
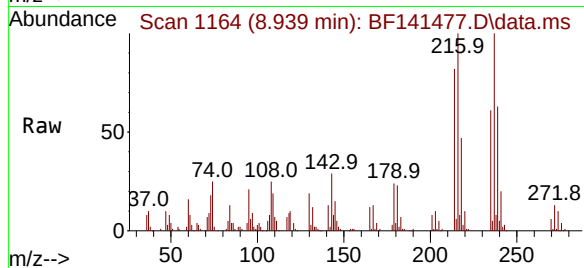




#41
Hexachlorocyclopentadiene
Concen: 53.276 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

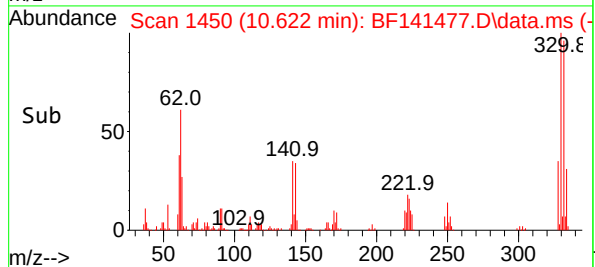
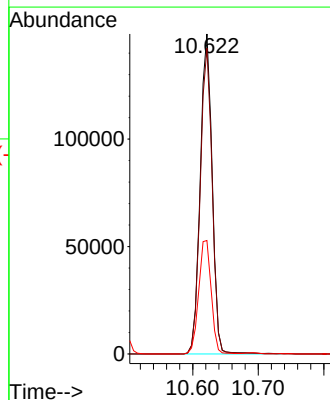
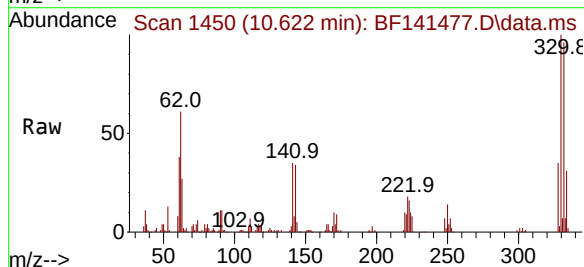
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

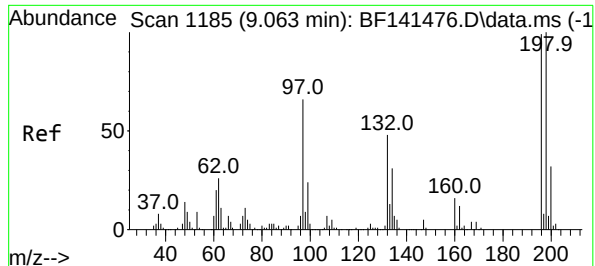
Tgt Ion:237 Resp: 97674
Ion Ratio Lower Upper
237 100
235 61.1 41.4 81.4
272 12.5 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 98.845 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.005 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:330 Resp: 189178
Ion Ratio Lower Upper
330 100
332 95.8 78.5 117.7
141 37.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 49.825 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

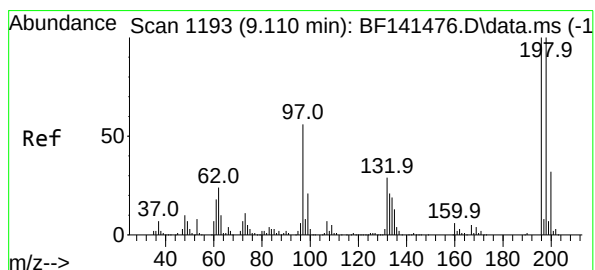
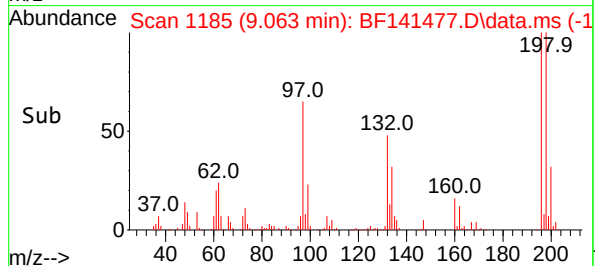
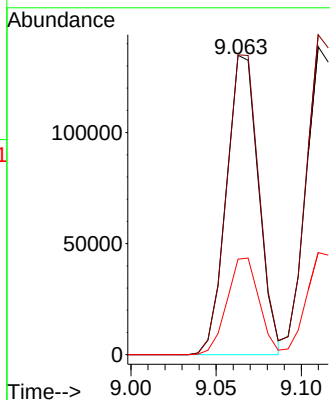
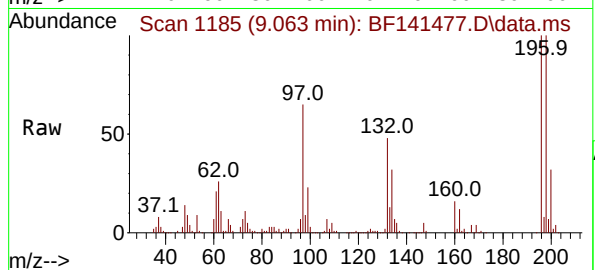
Tgt Ion:196 Resp: 177503

Ion Ratio Lower Upper

196 100

198 100.1 80.6 121.0

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 48.667 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Tgt Ion:196 Resp: 187902

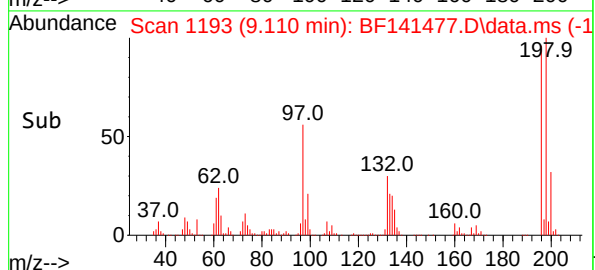
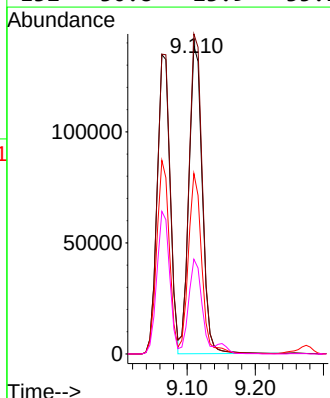
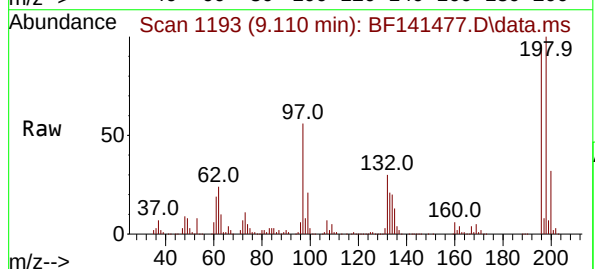
Ion Ratio Lower Upper

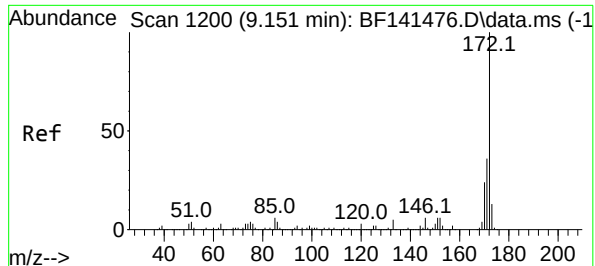
196 100

198 103.9 79.8 119.8

97 58.6 44.8 67.2

132 30.8 23.9 35.9

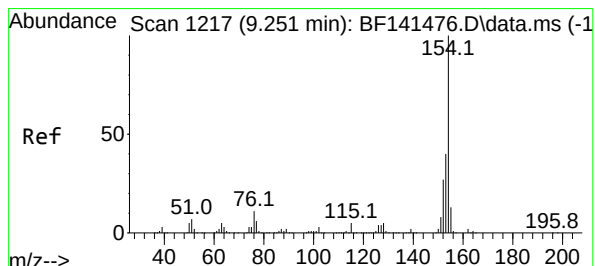
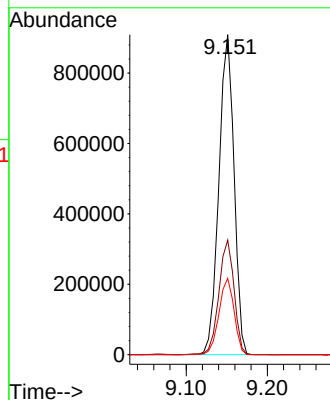
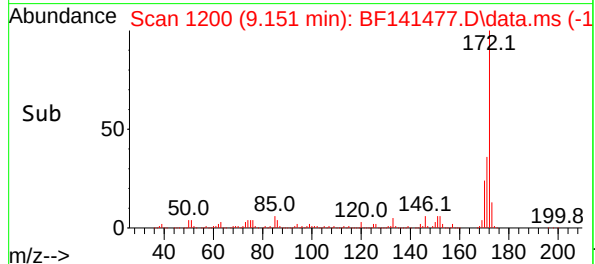
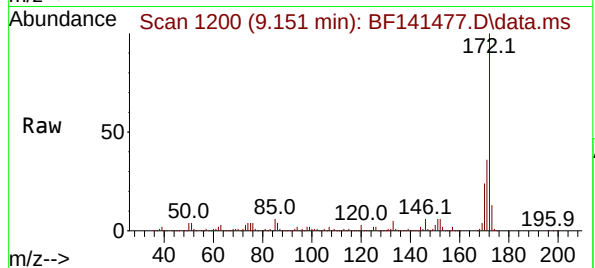




#45
2-Fluorobiphenyl
Concen: 95.605 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

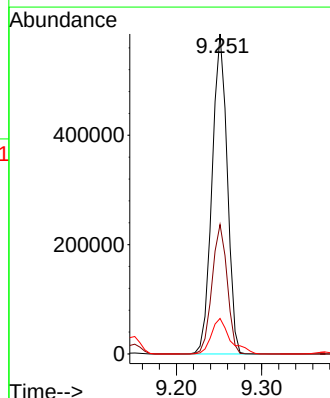
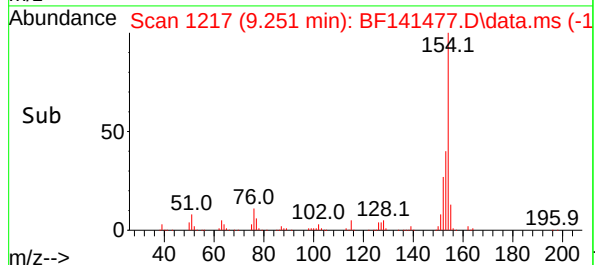
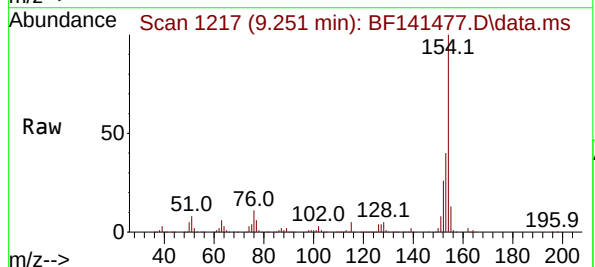
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

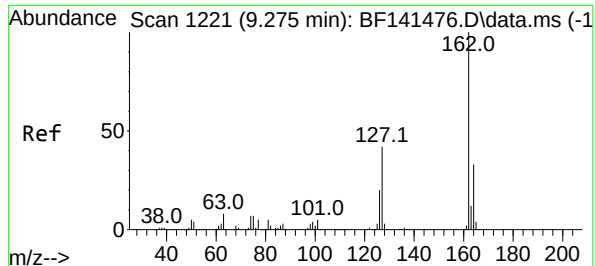
Tgt Ion:172 Resp: 1182292
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.905 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:154 Resp: 722373
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 48.576 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

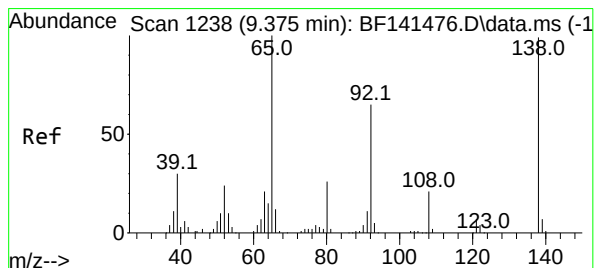
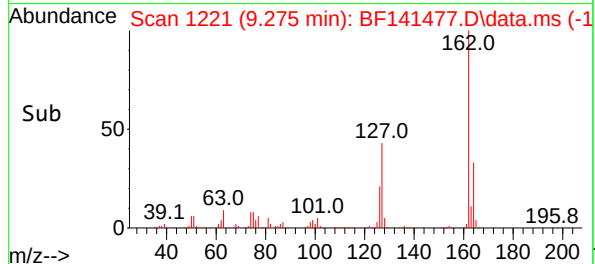
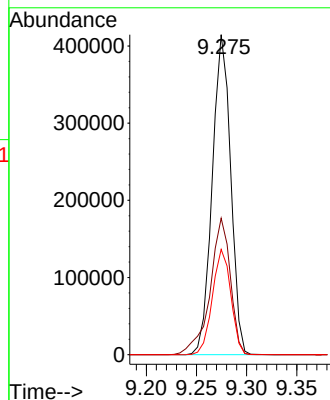
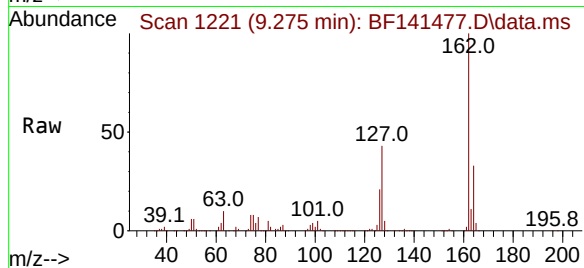
Tgt Ion:162 Resp: 530577

Ion Ratio Lower Upper

162 100

127 42.6 34.1 51.1

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 49.612 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

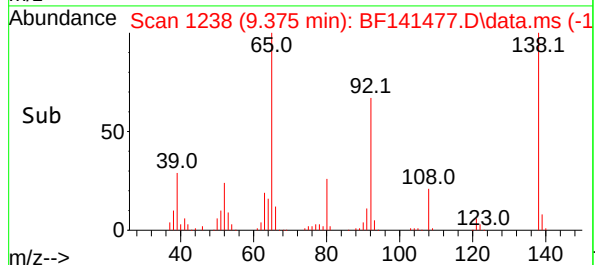
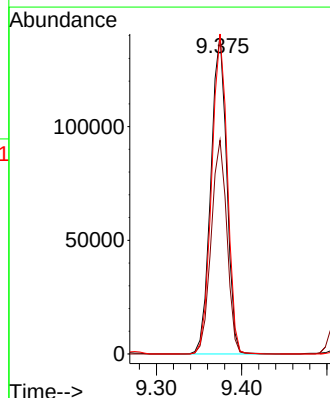
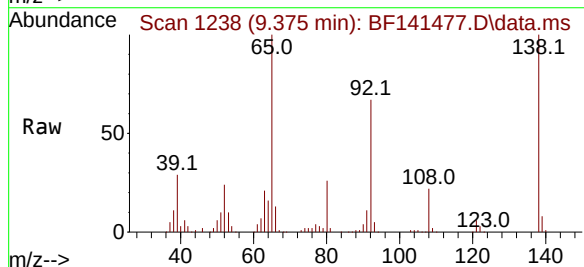
Tgt Ion: 65 Resp: 181860

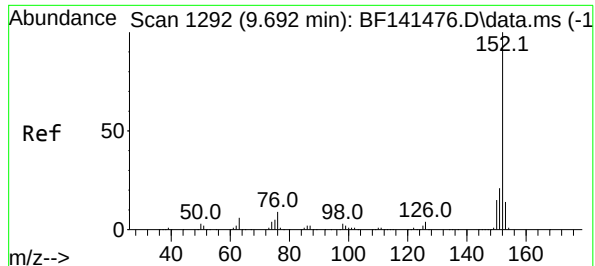
Ion Ratio Lower Upper

65 100

92 67.0 52.2 78.2

138 100.2 79.5 119.3





#49

Acenaphthylene

Concen: 48.672 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

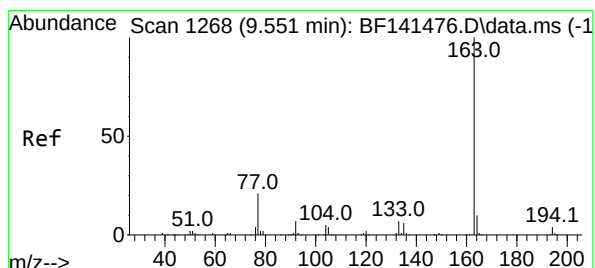
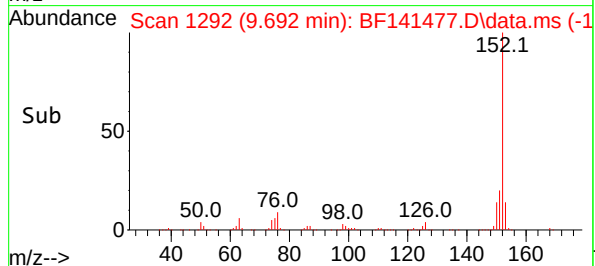
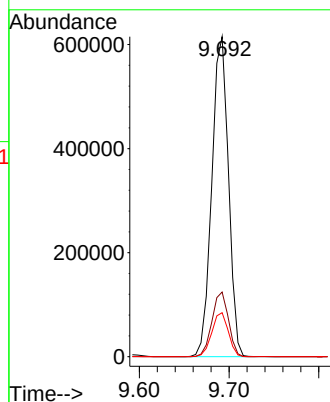
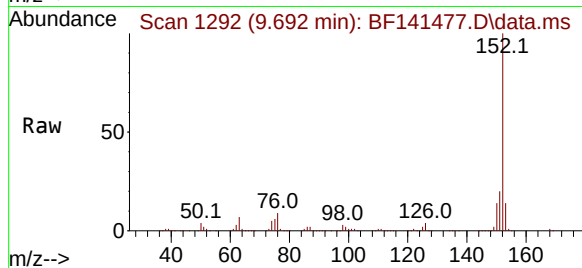
Tgt Ion:152 Resp: 790730

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 48.760 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

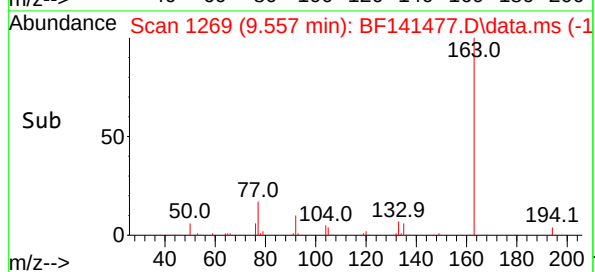
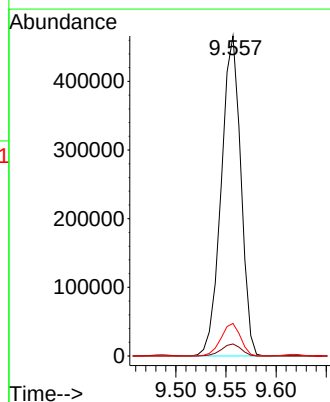
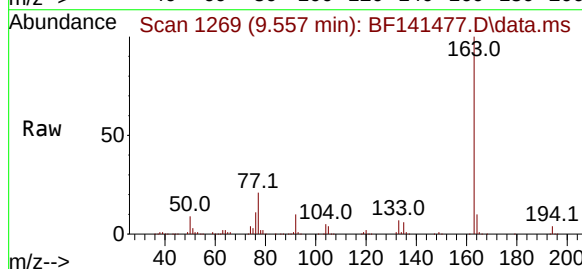
Tgt Ion:163 Resp: 630673

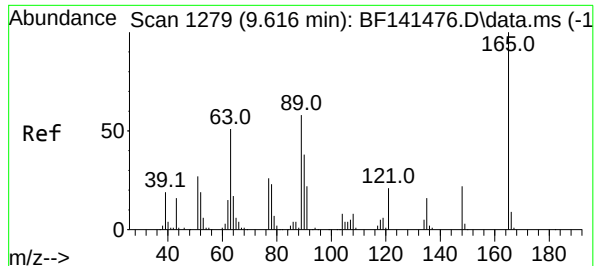
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.1 7.9 11.9

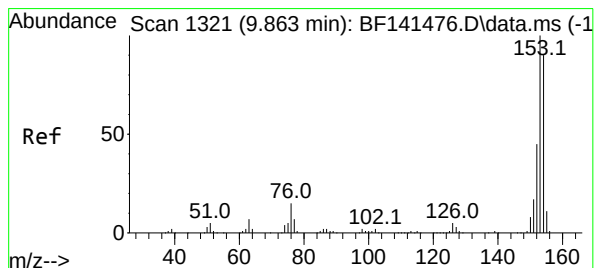
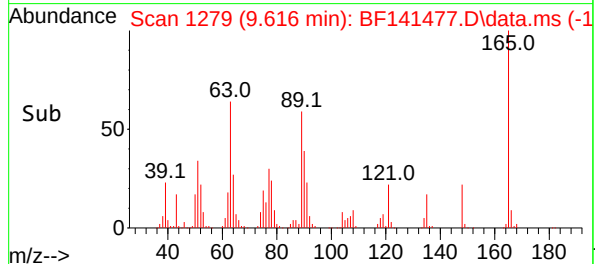
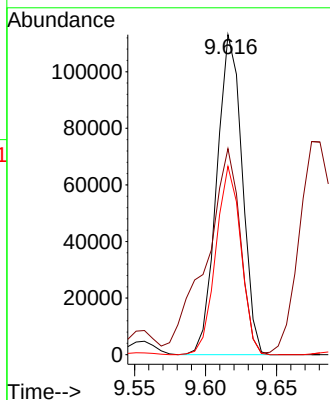
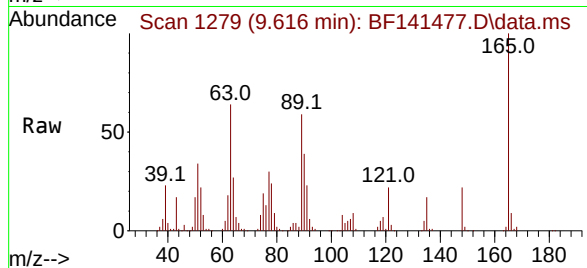




#51
2,6-Dinitrotoluene
Concen: 49.760 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

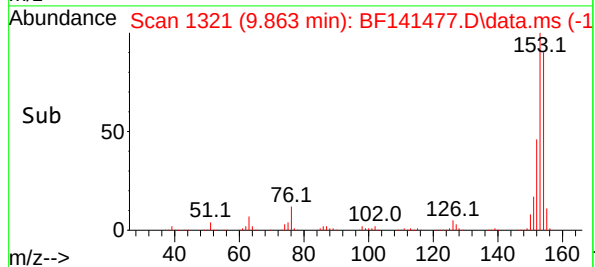
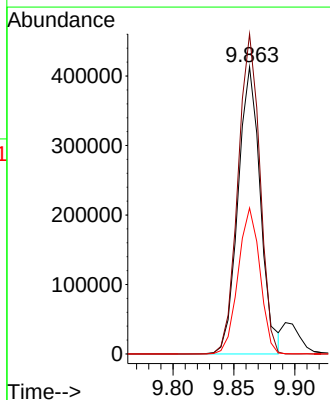
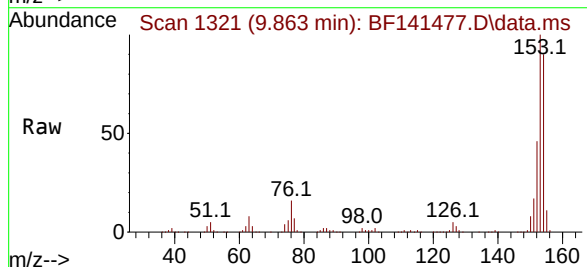
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

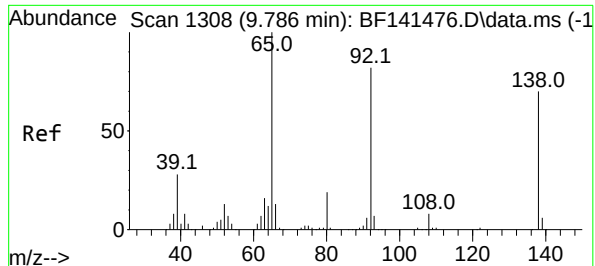
Tgt Ion:165 Resp: 140697
Ion Ratio Lower Upper
165 100
63 64.4 49.4 74.0
89 58.9 46.5 69.7



#52
Acenaphthene
Concen: 48.327 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:154 Resp: 527828
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 50.8 39.8 59.8

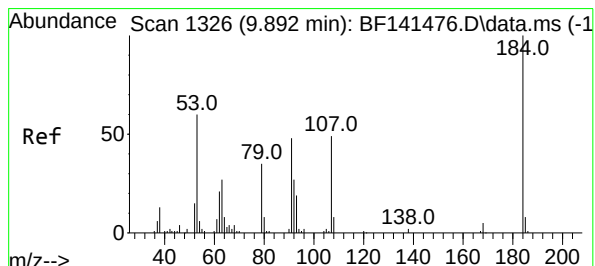
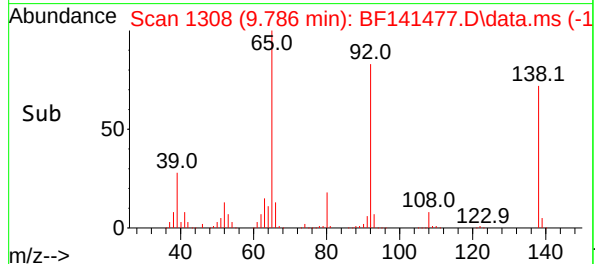
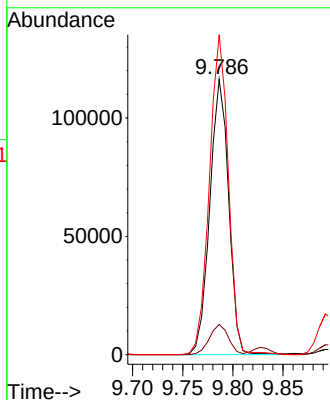
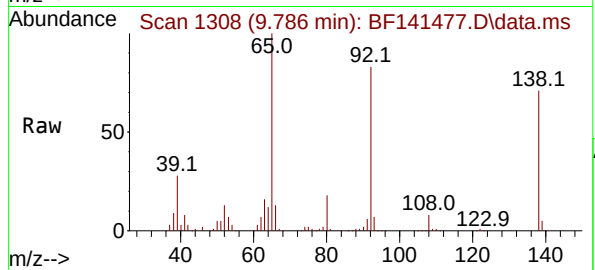




#53
3-Nitroaniline
Concen: 50.087 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

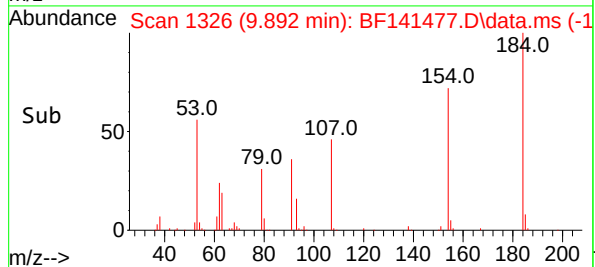
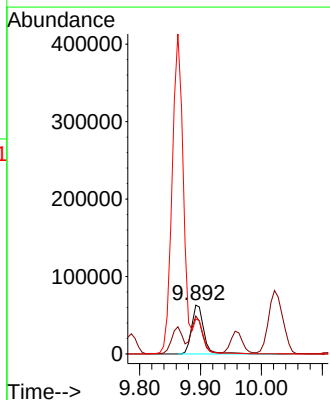
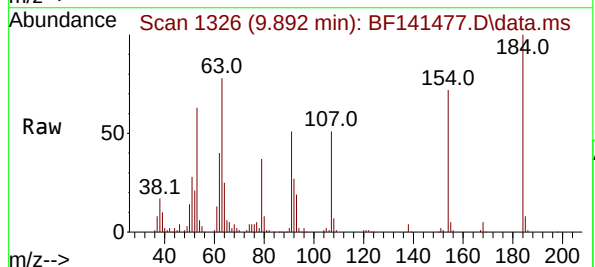
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

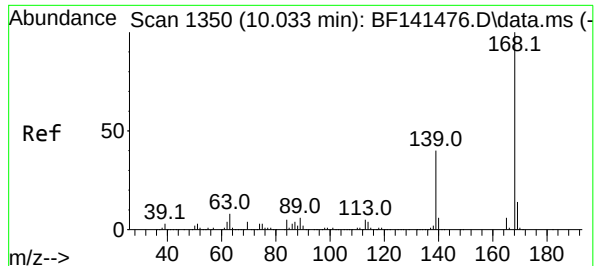
Tgt Ion:138 Resp: 152426
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 116.2 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 52.339 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:184 Resp: 87953
Ion Ratio Lower Upper
184 100
63 77.9 61.0 91.6
154 71.8 59.9 89.9

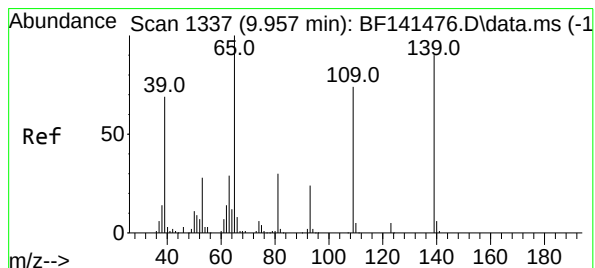
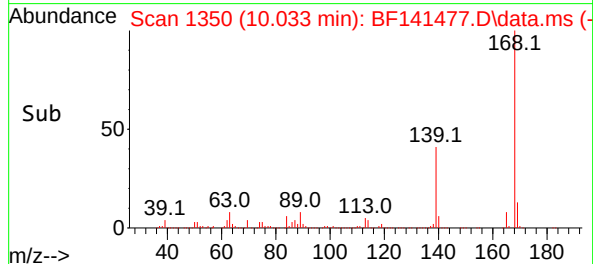
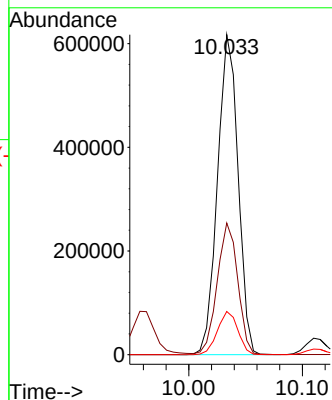
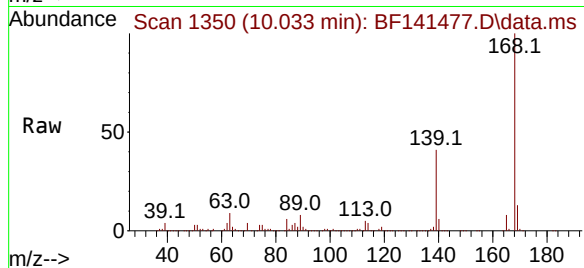




#55
Dibenzenofuran
Concen: 48.523 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

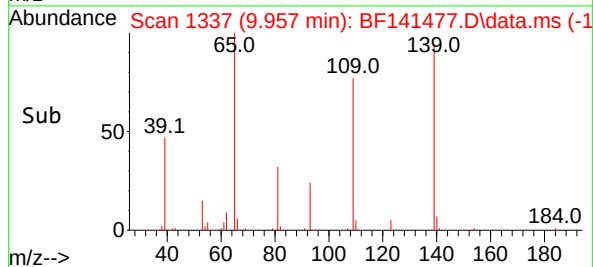
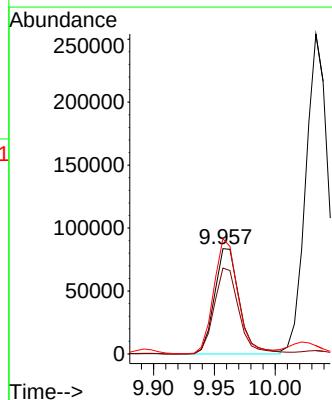
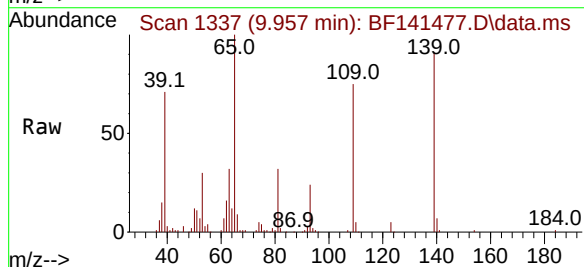
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

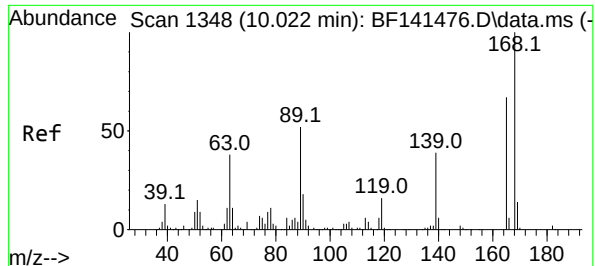
Tgt Ion:168 Resp: 777905
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 52.603 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

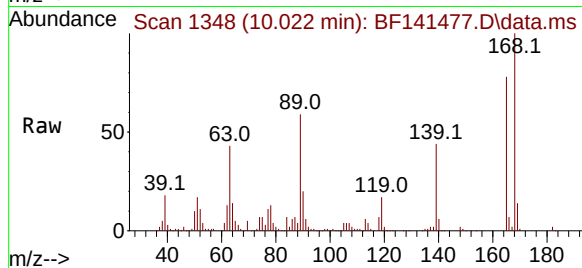
Tgt Ion:139 Resp: 118835
Ion Ratio Lower Upper
139 100
109 81.7 62.0 102.0
65 109.4 91.2 131.2



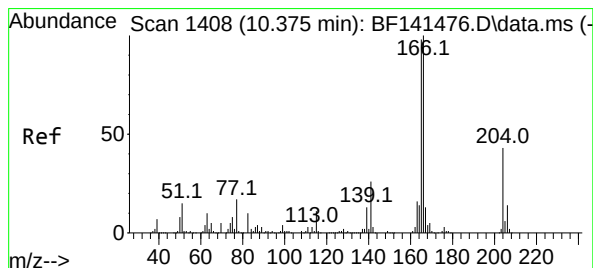
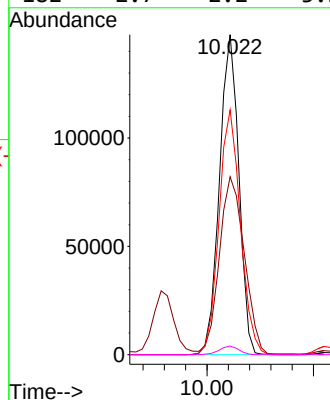
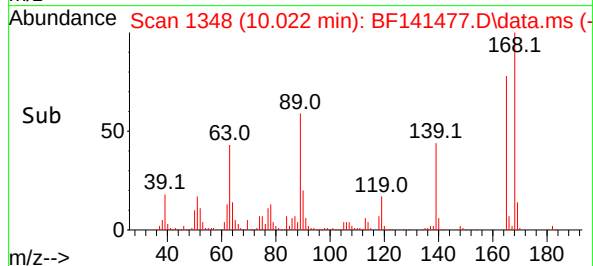


#57
2,4-Dinitrotoluene
Concen: 49.346 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

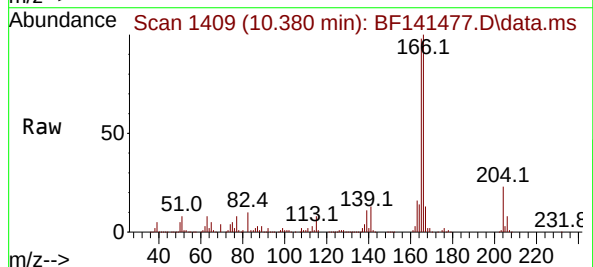
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



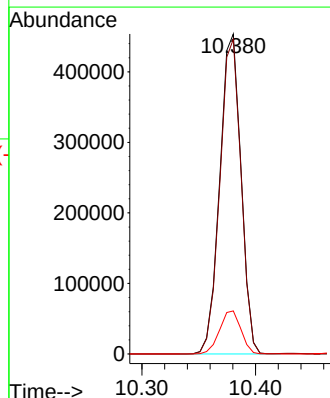
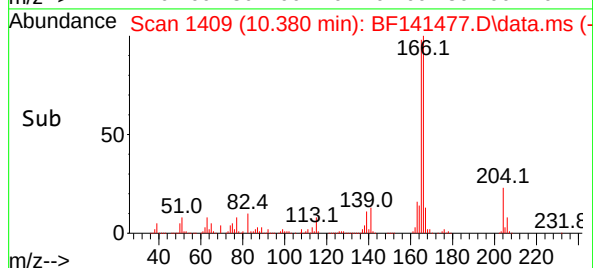
Tgt Ion:165 Resp: 185741
Ion Ratio Lower Upper
165 100
63 55.6 46.4 69.6
89 76.5 61.8 92.6
182 2.7 2.2 3.2

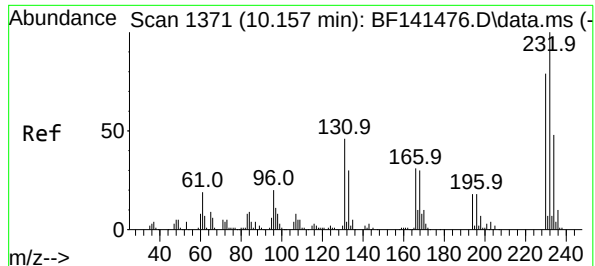


#58
Fluorene
Concen: 47.597 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21



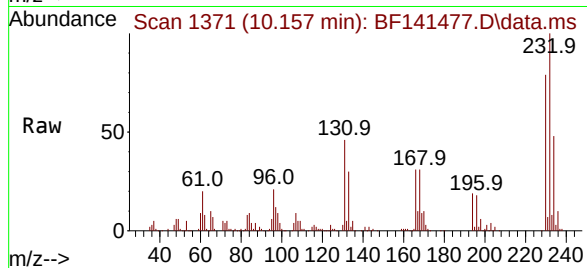
Tgt Ion:166 Resp: 590000
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.4 10.7 16.1



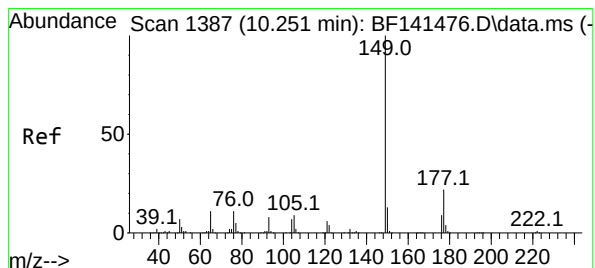
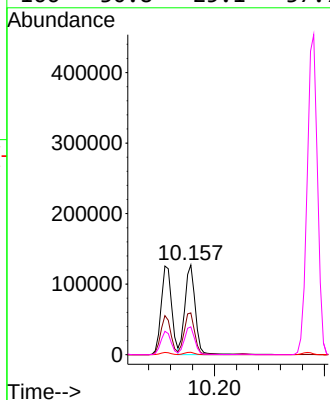
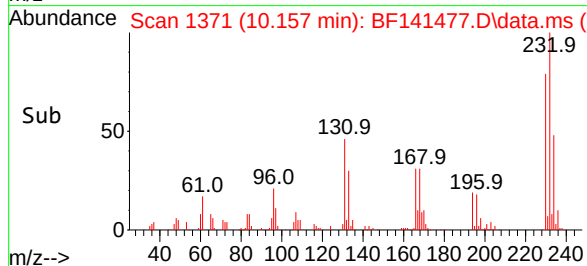


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.807 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

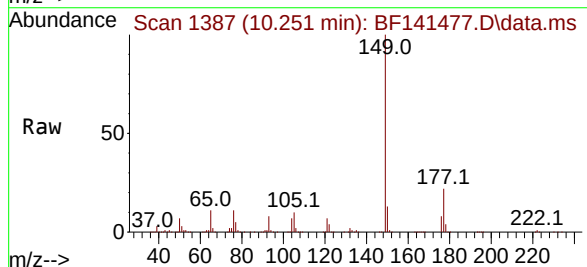
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



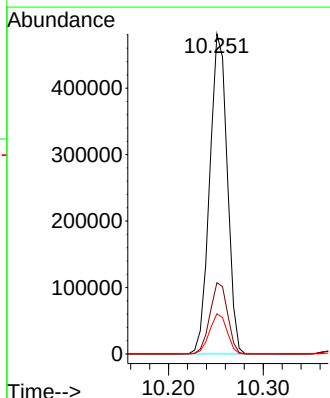
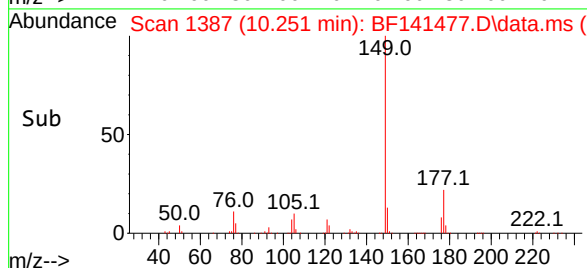
Tgt Ion:232 Resp: 165559
Ion Ratio Lower Upper
232 100
131 46.7 39.2 58.8
130 2.6 2.1 3.1
166 30.8 25.1 37.7

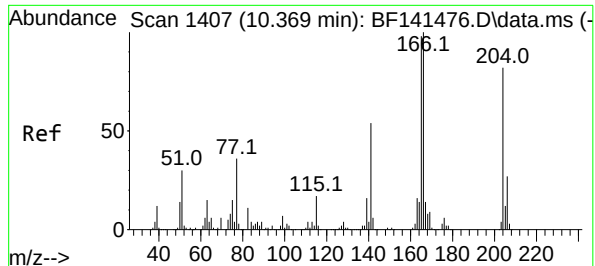


#60
Diethylphthalate
Concen: 48.647 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21



Tgt Ion:149 Resp: 619064
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.5 10.1 15.1

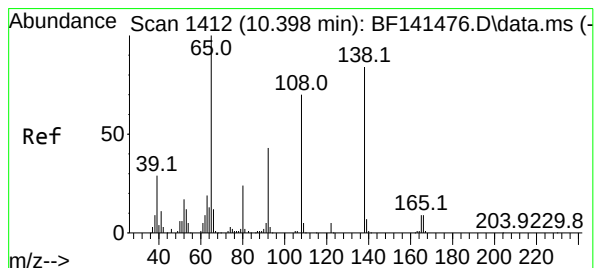
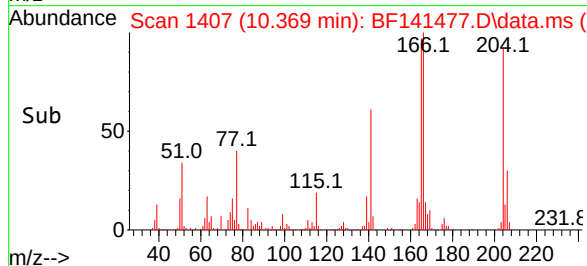
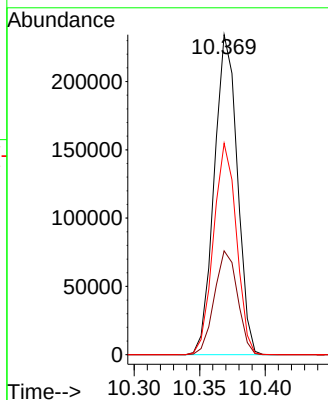
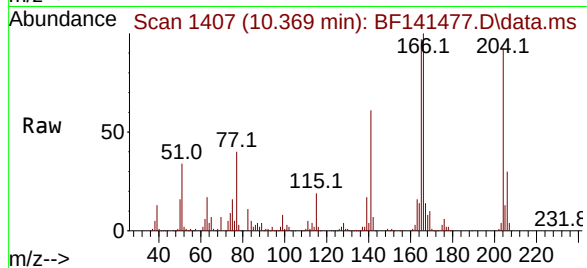




#61
4-Chlorophenyl-phenylether
Concen: 48.048 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

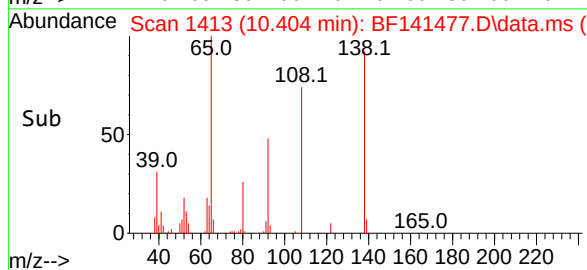
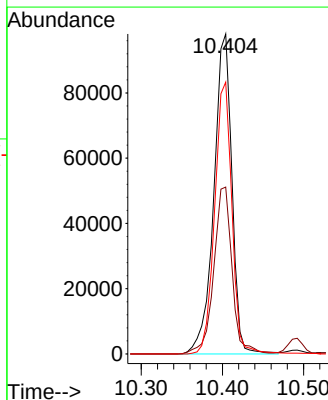
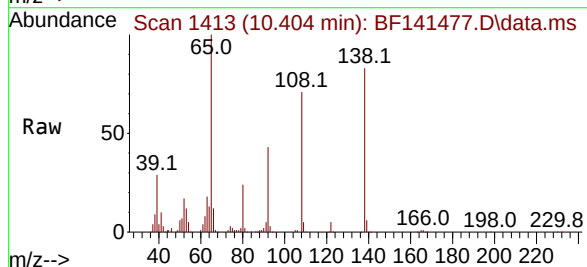
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

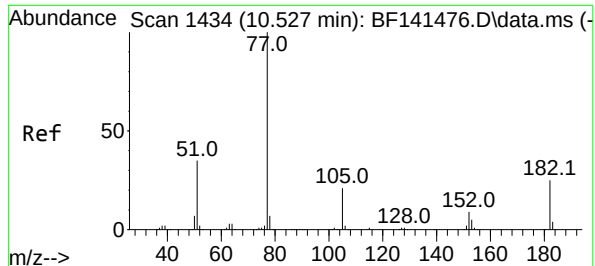
Tgt Ion:204 Resp: 286530
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 66.0 51.9 77.9



#62
4-Nitroaniline
Concen: 49.113 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:138 Resp: 151765
Ion Ratio Lower Upper
138 100
92 52.2 31.3 71.3
108 84.9 63.7 103.7

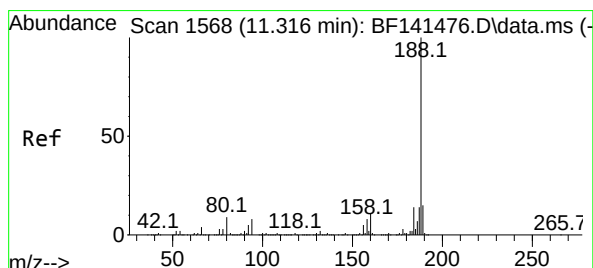
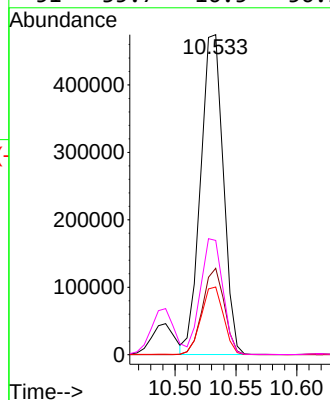
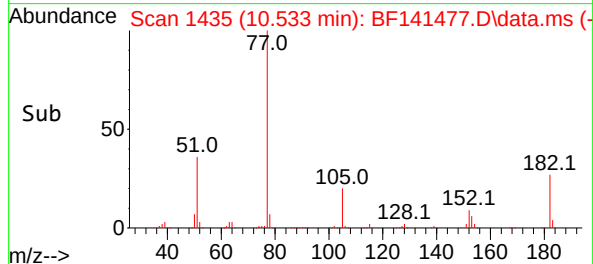
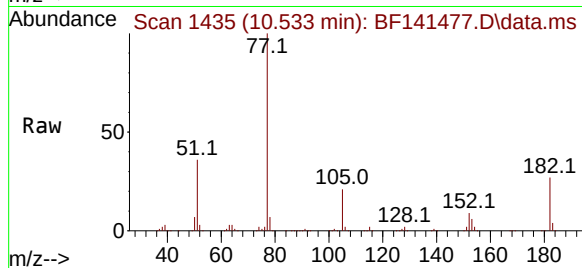




#63
Azobenzene
Concen: 48.742 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

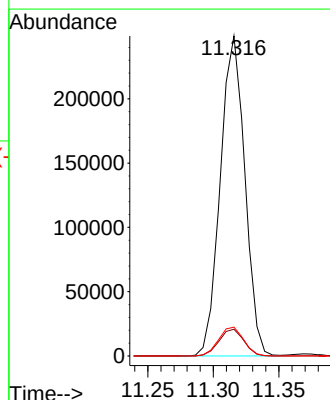
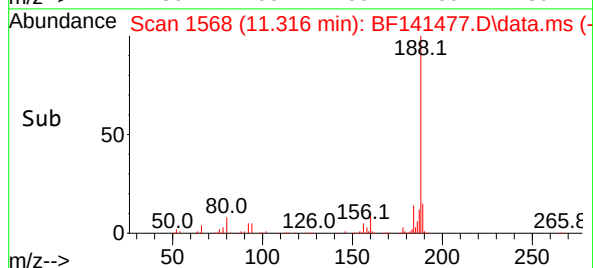
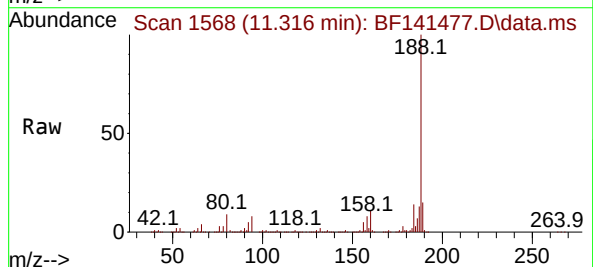
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

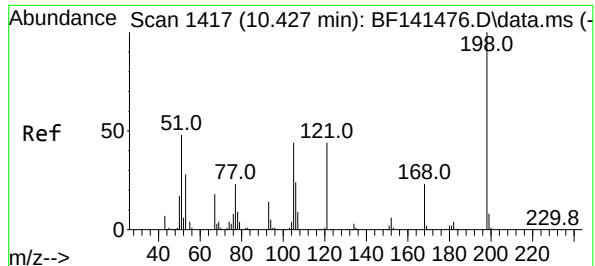
Tgt Ion: 77 Resp: 616638
Ion Ratio Lower Upper
77 100
182 27.0 4.7 44.7
105 21.1 0.4 40.4
51 35.7 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 188 Resp: 323702
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.0 7.3 10.9

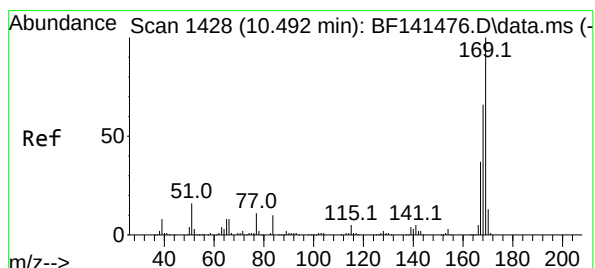
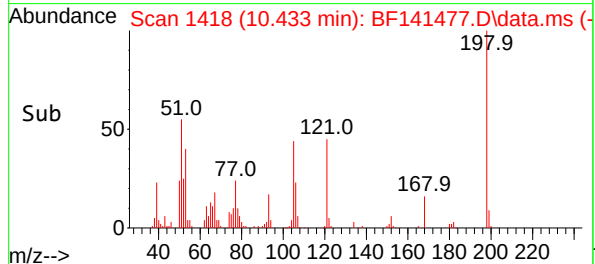
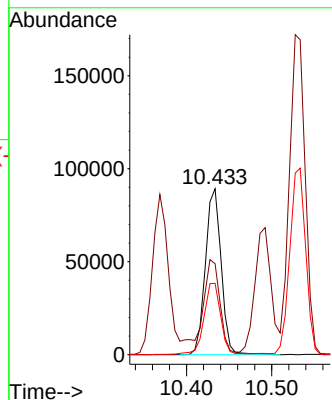
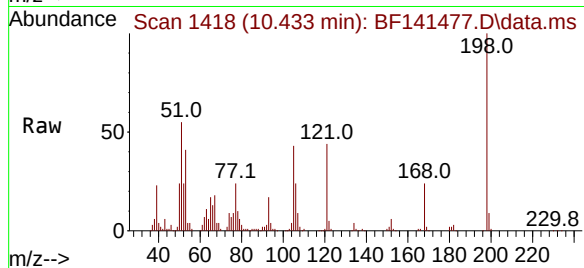




#65
4,6-Dinitro-2-methylphenol
Concen: 51.021 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

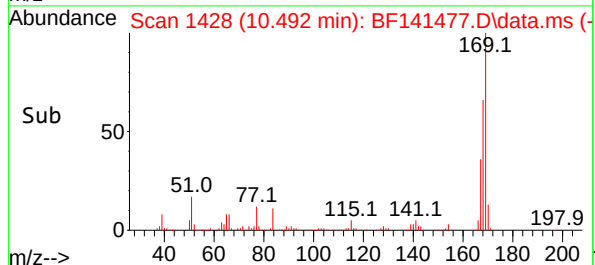
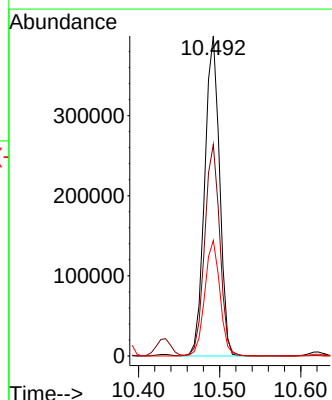
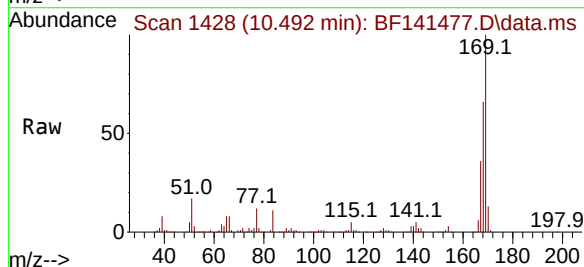
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

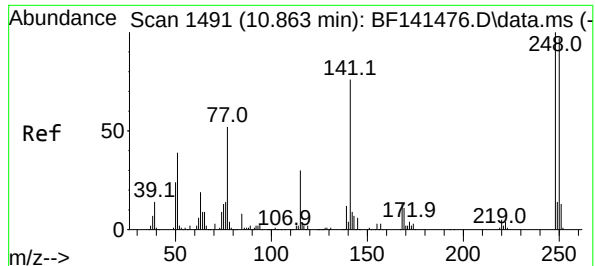
Tgt Ion:198 Resp: 114725
Ion Ratio Lower Upper
198 100
51 54.9 37.4 77.4
105 43.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 48.810 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:169 Resp: 505770
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 36.1 29.4 44.2

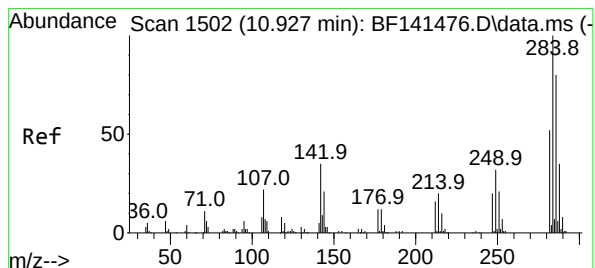
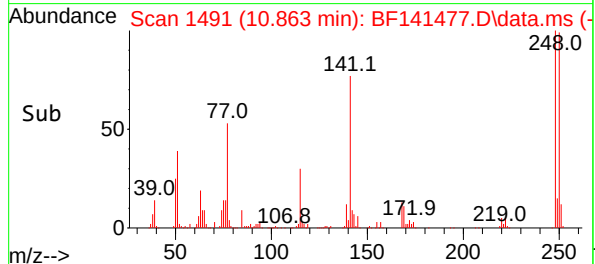
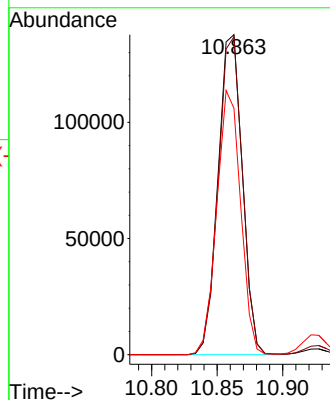
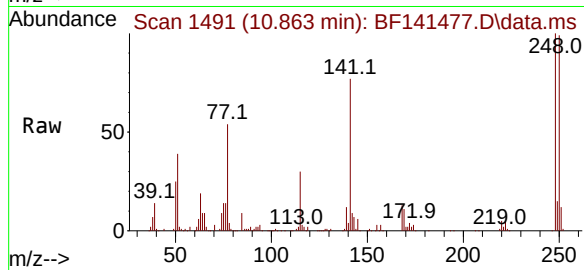




#67
4-Bromophenyl-phenylether
Concen: 49.135 ng
RT: 10.863 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

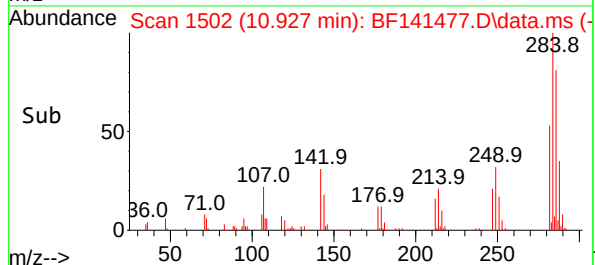
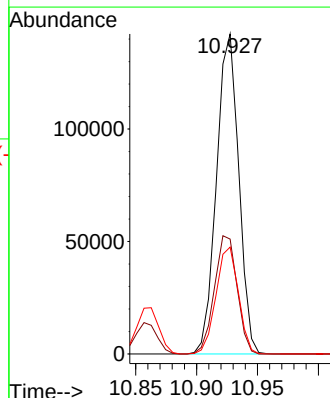
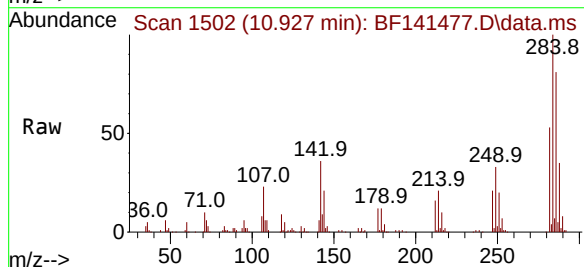
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

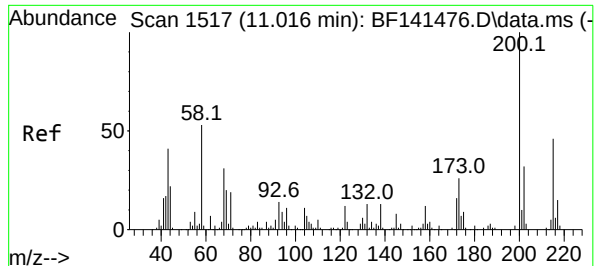
Tgt Ion:248 Resp: 177761
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.6
141 77.0 60.6 90.8



#68
Hexachlorobenzene
Concen: 48.567 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:284 Resp: 180930
Ion Ratio Lower Upper
284 100
142 35.9 28.0 42.0
249 33.4 25.8 38.8

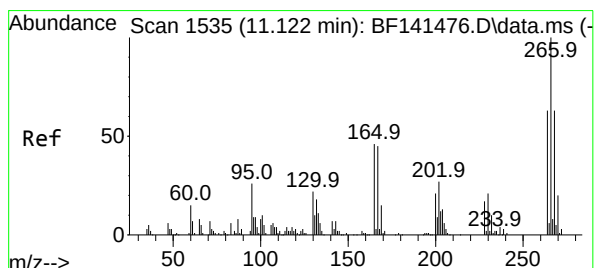
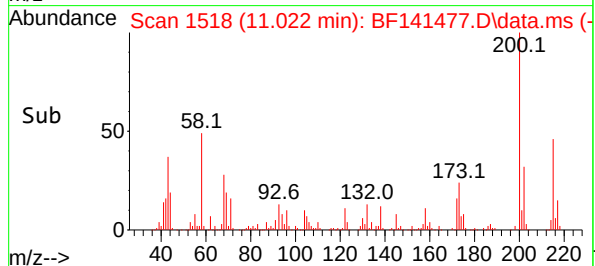
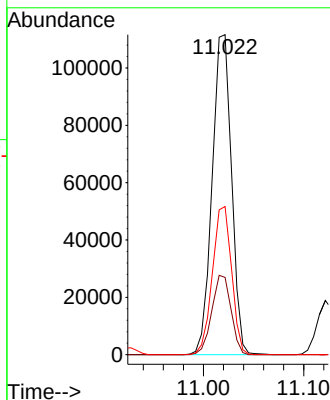
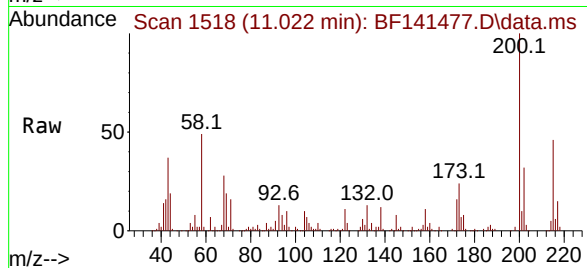




#69
Atrazine
Concen: 48.175 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.001 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

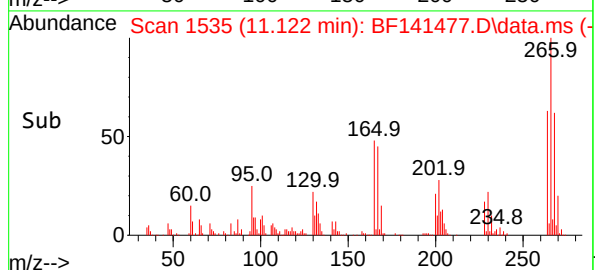
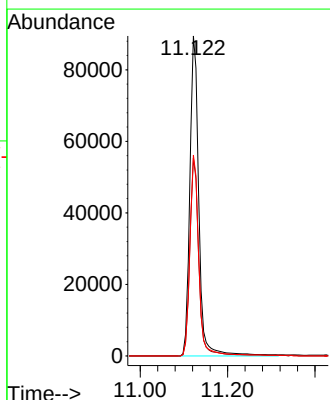
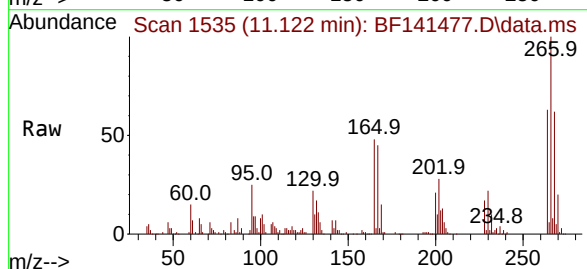
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

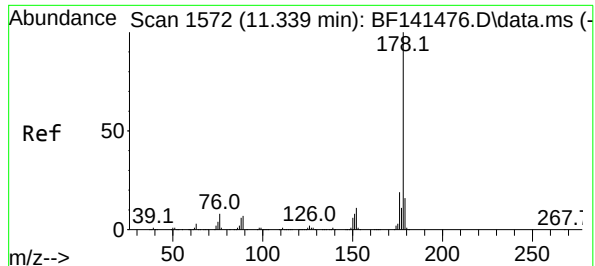
Tgt Ion:200 Resp: 149758
Ion Ratio Lower Upper
200 100
173 24.2 5.9 45.9
215 46.3 25.9 65.9



#70
Pentachlorophenol
Concen: 53.769 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:266 Resp: 128081
Ion Ratio Lower Upper
266 100
268 61.8 50.1 75.1
264 62.8 50.1 75.1

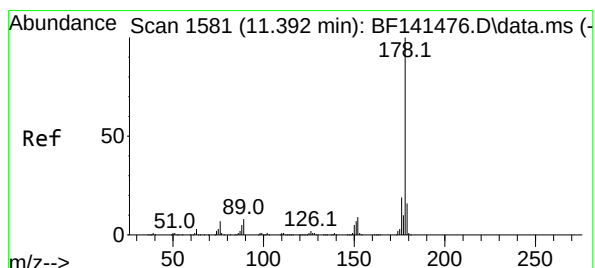
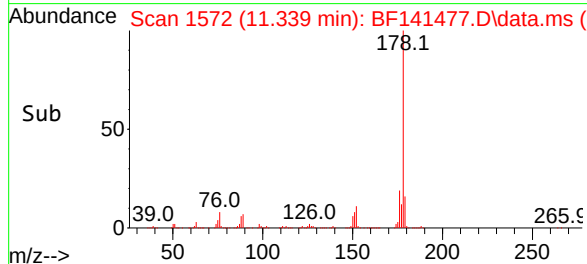
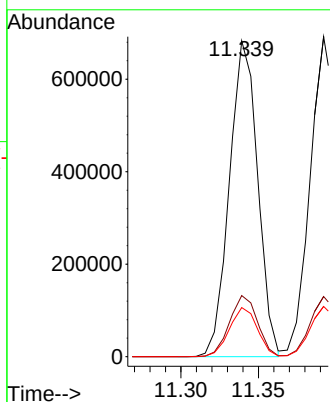
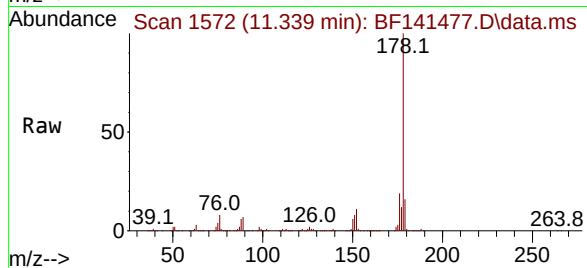




#71
Phenanthrene
Concen: 48.631 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

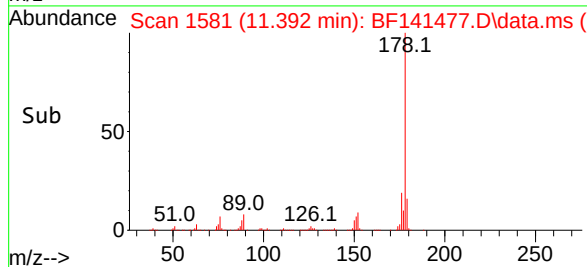
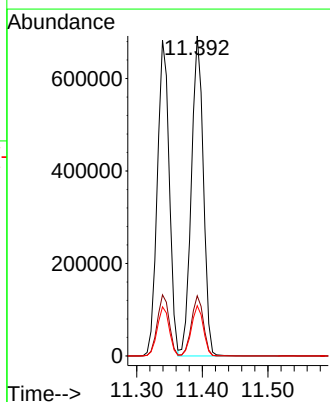
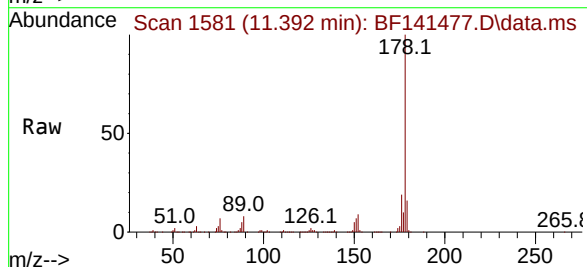
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

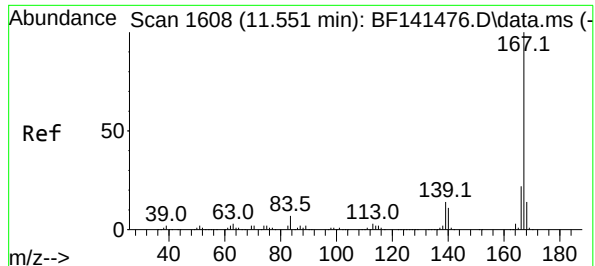
Tgt Ion:178 Resp: 866517
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 48.984 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:178 Resp: 877393
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.7 12.4 18.6

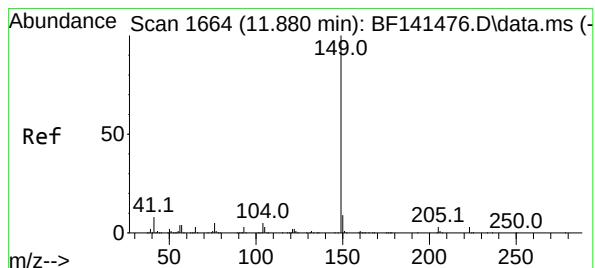
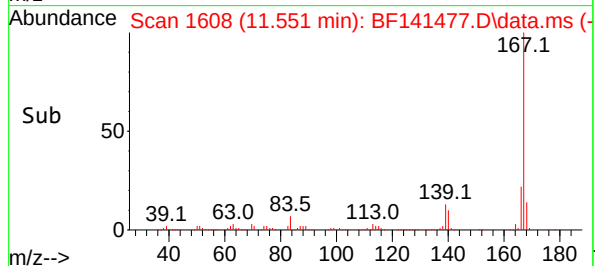
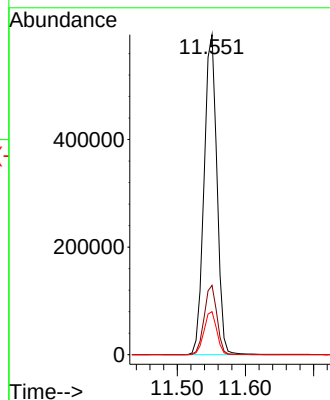
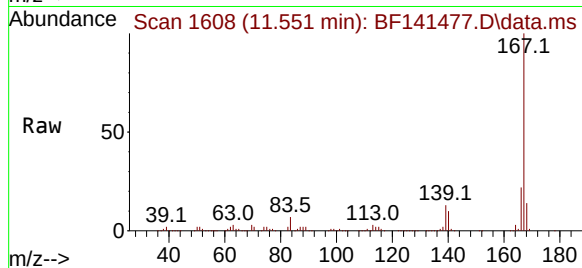




#73
Carbazole
Concen: 48.504 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

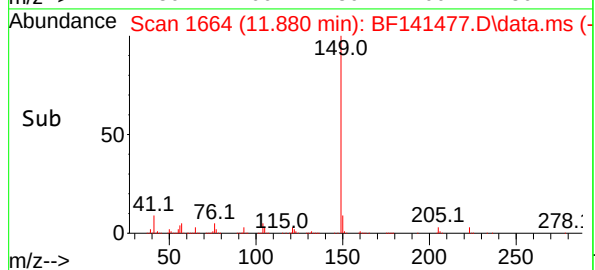
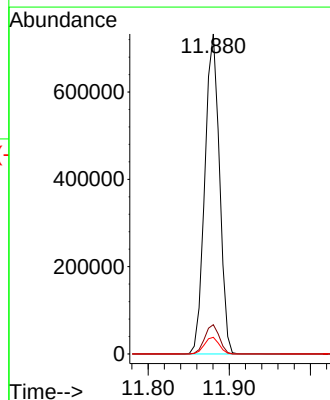
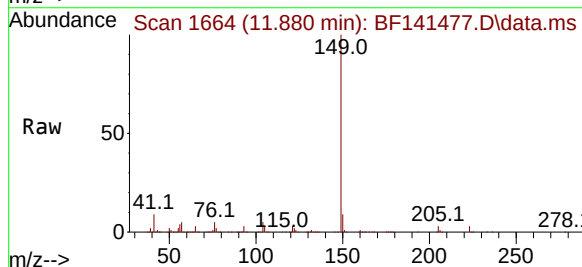
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

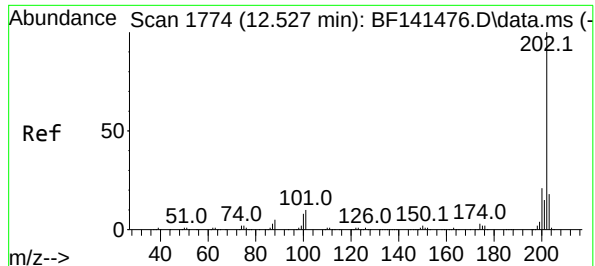
Tgt Ion:167 Resp: 781733
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.5 10.9 16.3



#74
Di-n-butylphthalate
Concen: 49.210 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:149 Resp: 915782
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.2 6.2

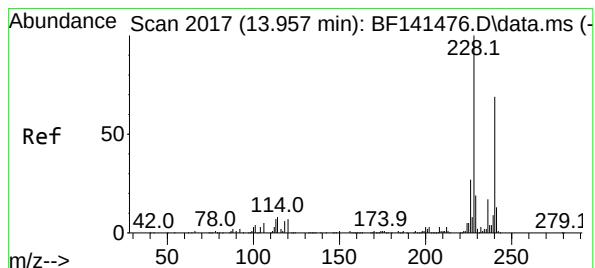
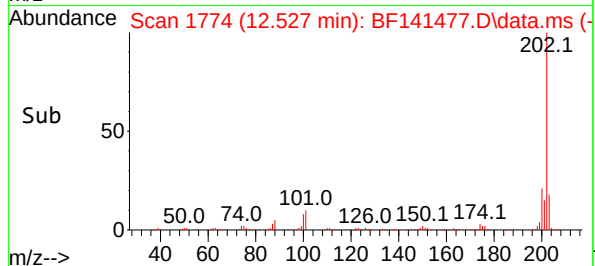
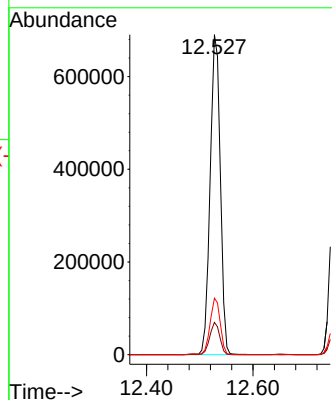
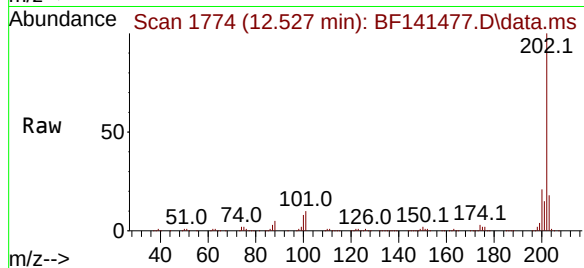




#75
Fluoranthene
Concen: 48.367 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

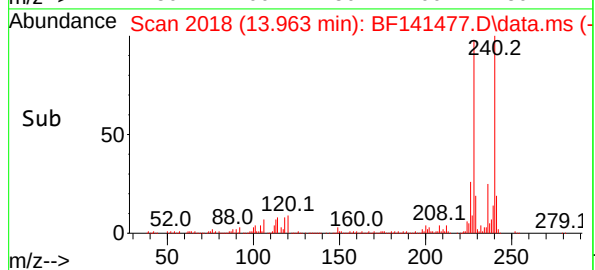
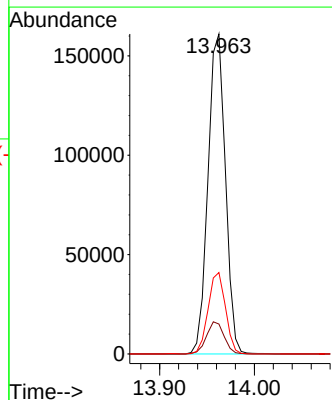
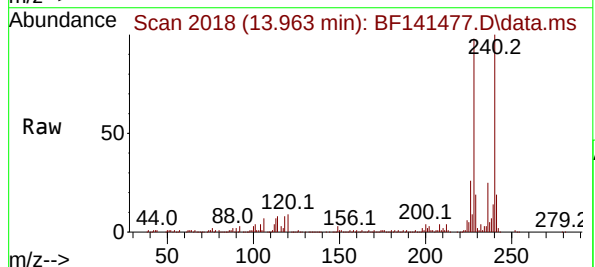
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

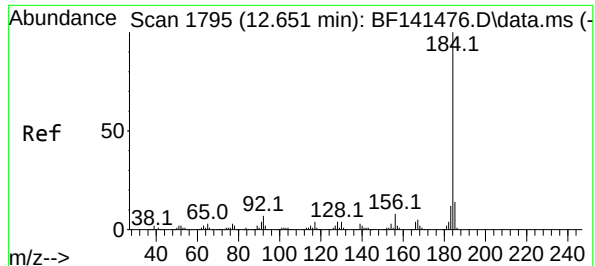
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.2
203	17.6	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.0	12.0
236	25.4	19.8	29.8

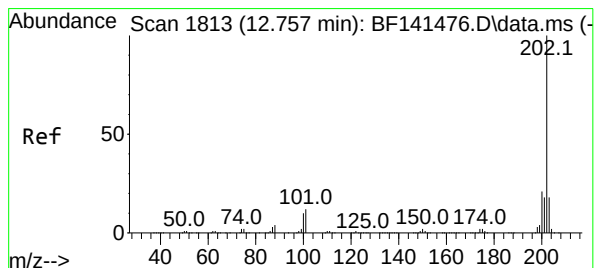
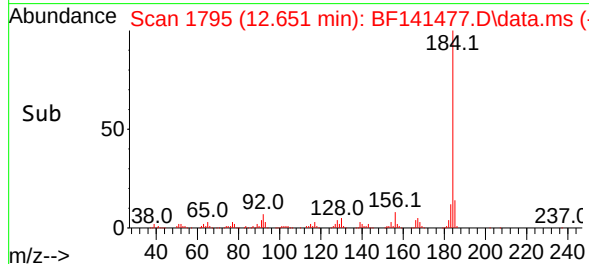
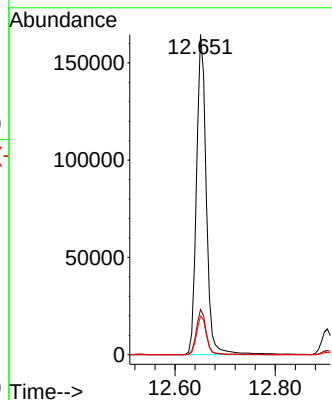
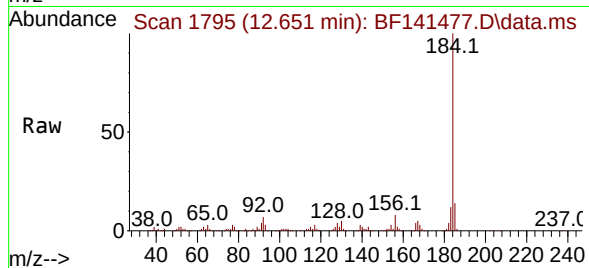




#77
Benzidine
Concen: 49.026 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

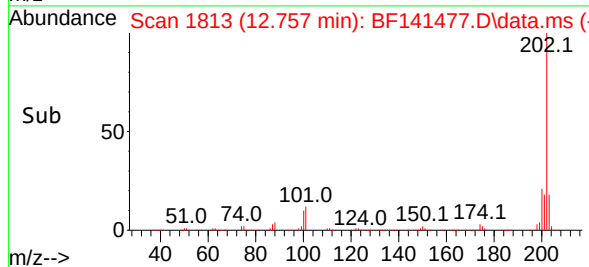
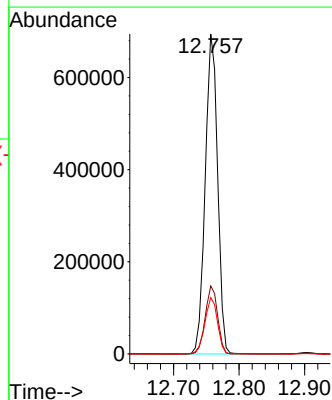
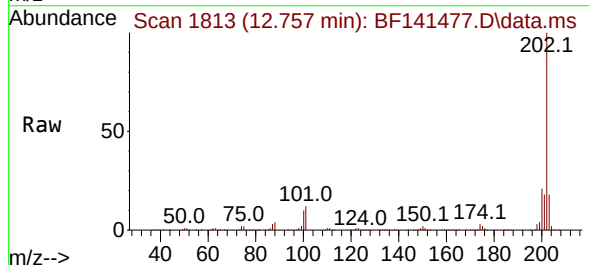
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

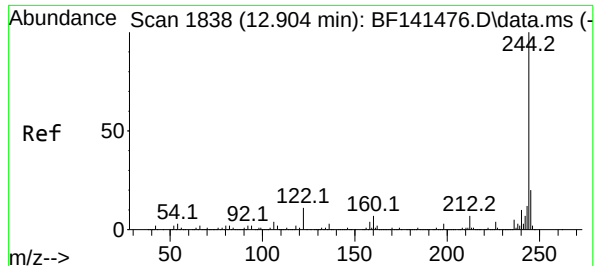
Tgt Ion:184 Resp: 222606
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 52.106 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:202 Resp: 913198
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 102.010 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

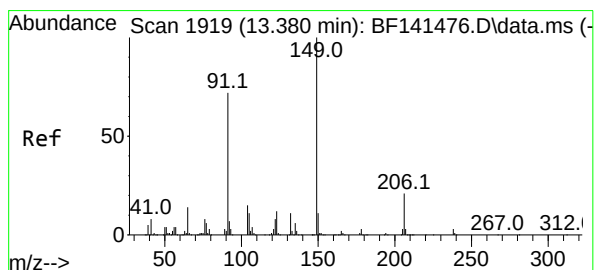
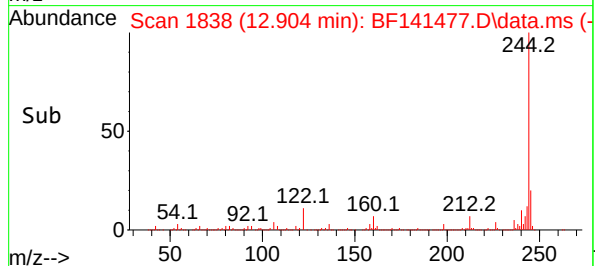
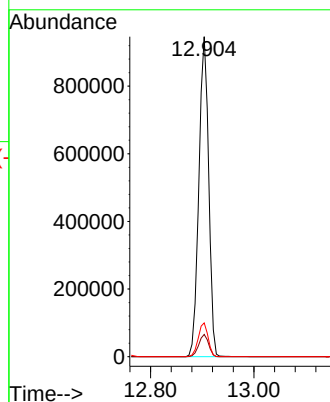
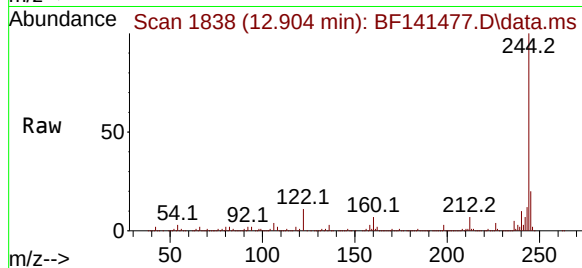
Tgt Ion:244 Resp: 1244053

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.5 8.4 12.6



#80

Butylbenzylphthalate

Concen: 51.168 ng

RT: 13.380 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

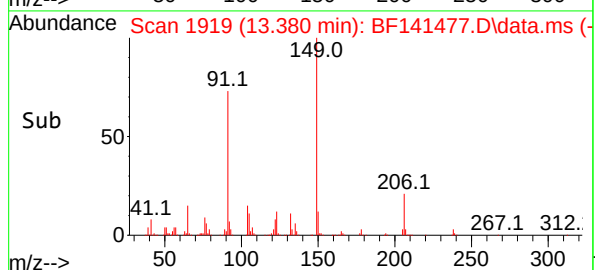
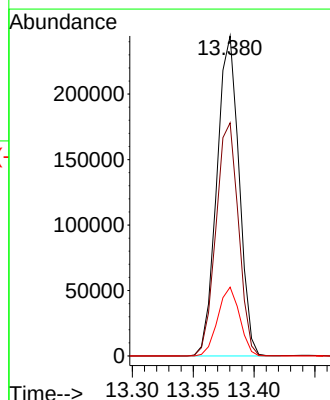
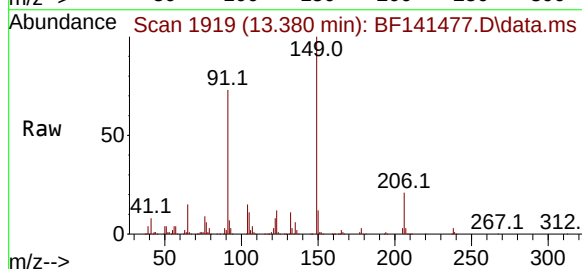
Tgt Ion:149 Resp: 310612

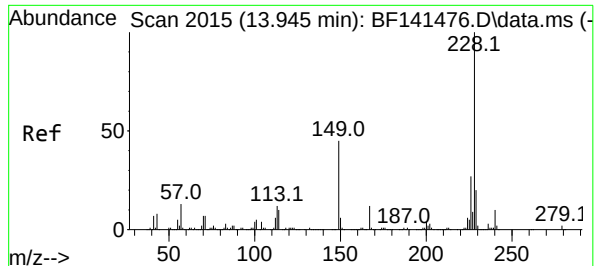
Ion Ratio Lower Upper

149 100

91 72.8 57.8 86.8

206 21.5 16.7 25.1

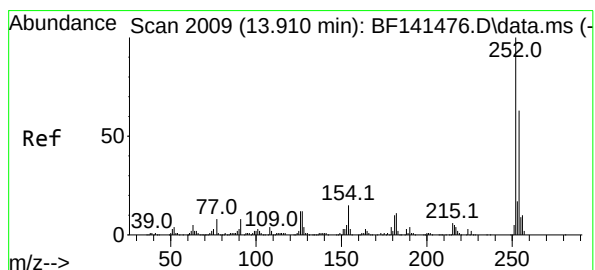
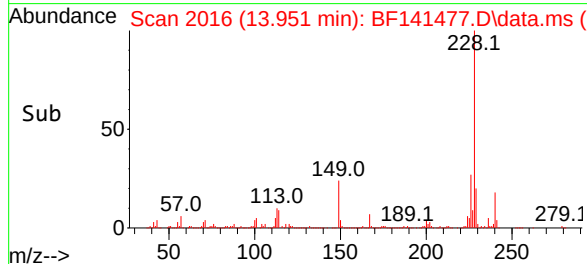
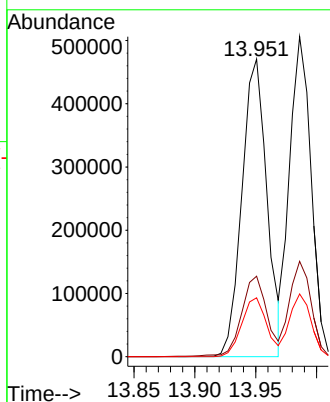
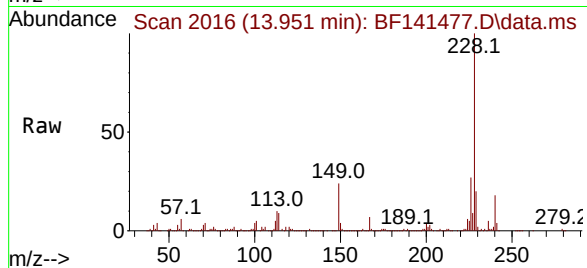




#81
Benzo(a)anthracene
Concen: 49.234 ng
RT: 13.951 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

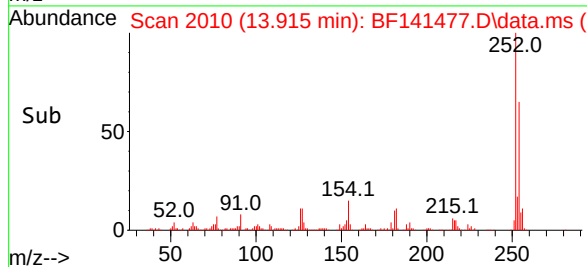
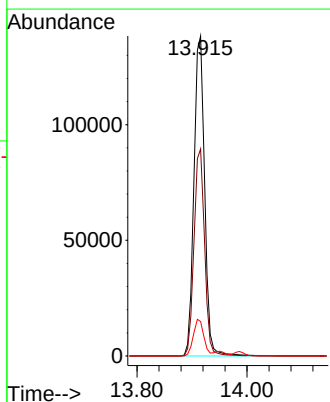
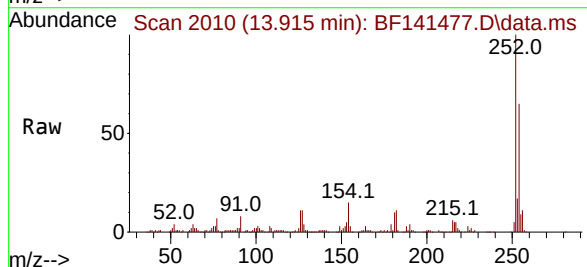
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

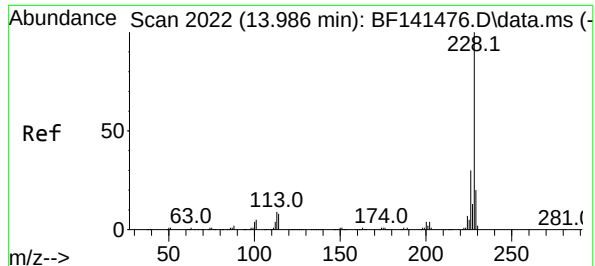
Tgt Ion:228 Resp: 673785
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 47.650 ng
RT: 13.915 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:252 Resp: 186802
Ion Ratio Lower Upper
252 100
254 64.7 50.6 76.0
126 10.8 9.3 13.9

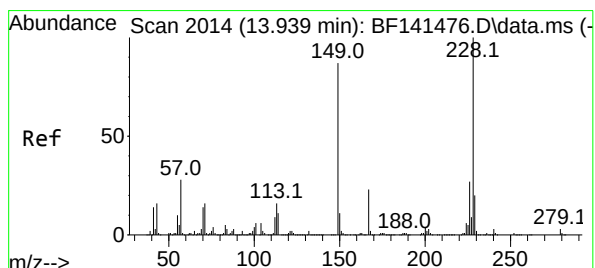
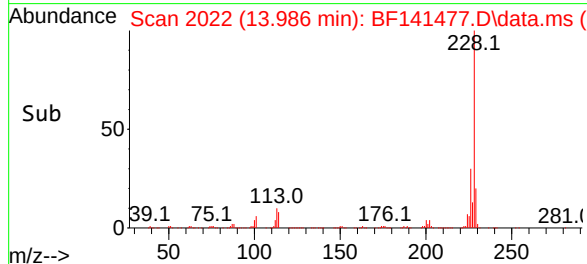
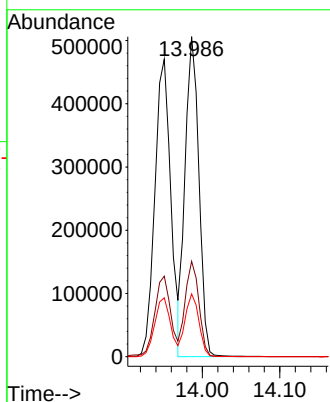
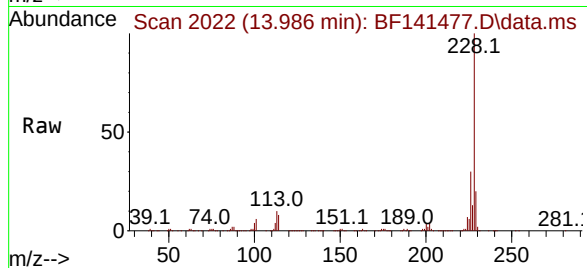




#83
Chrysene
Concen: 49.505 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

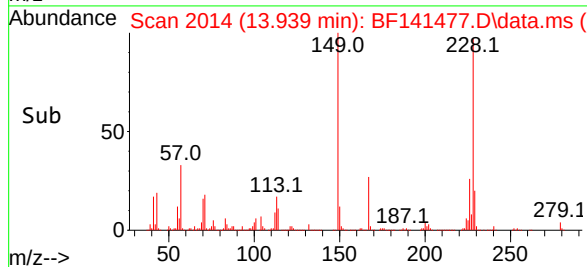
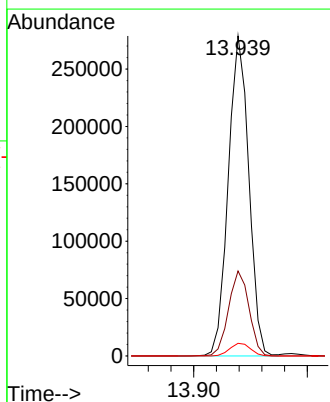
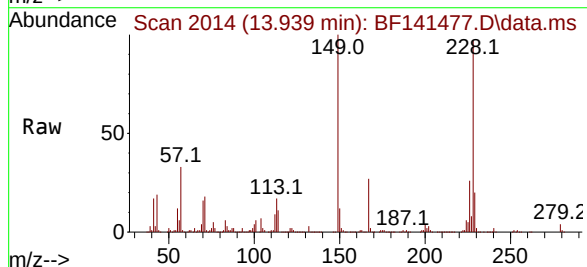
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

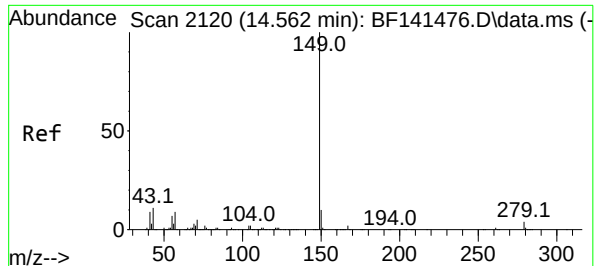
Tgt Ion:228 Resp: 625572
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.138 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:149 Resp: 350121
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.0 3.1 4.7

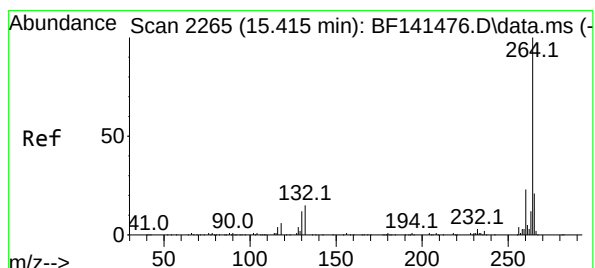
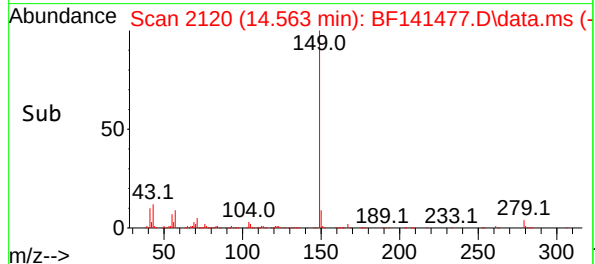
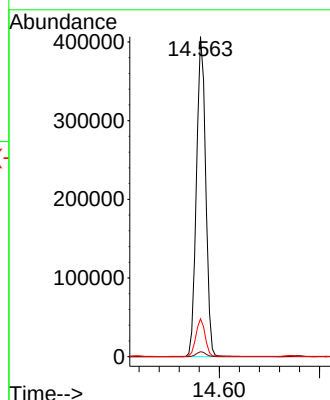
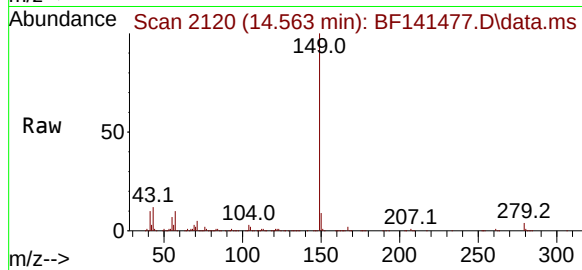




#85
Di-n-octyl phthalate
Concen: 53.213 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

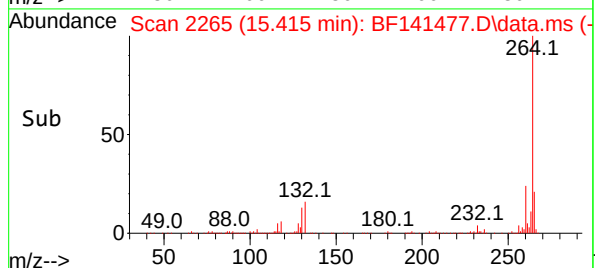
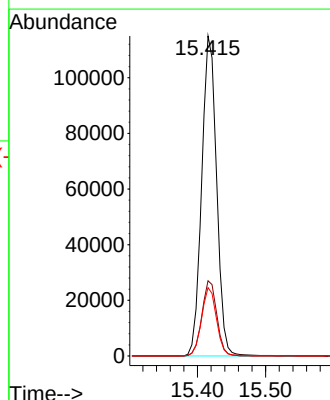
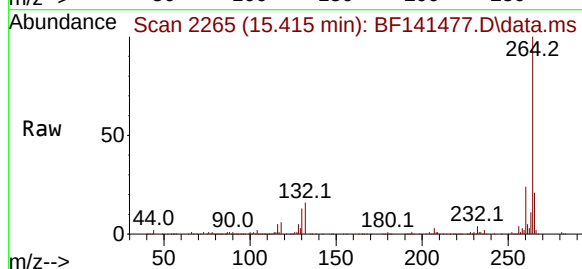
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

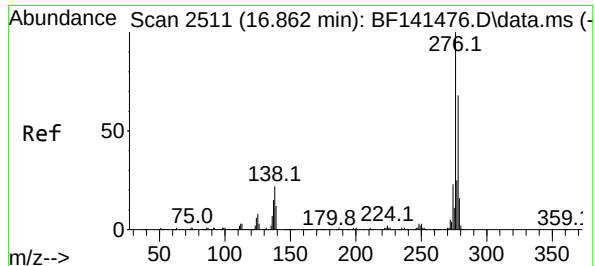
Tgt Ion:149 Resp: 519741
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:264 Resp: 174906
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.277 ng

RT: 16.868 min Scan# 2511

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

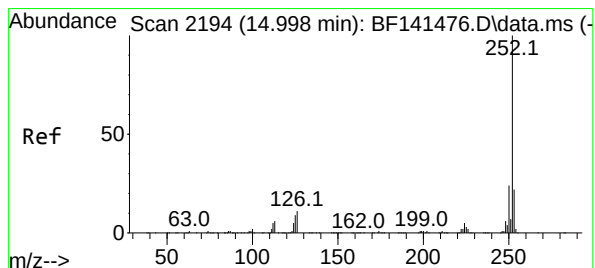
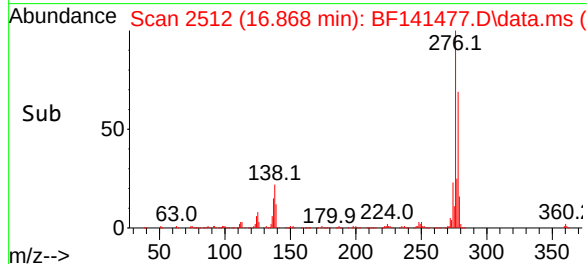
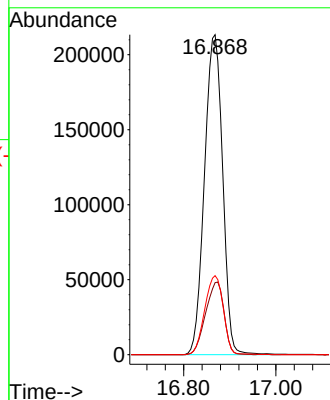
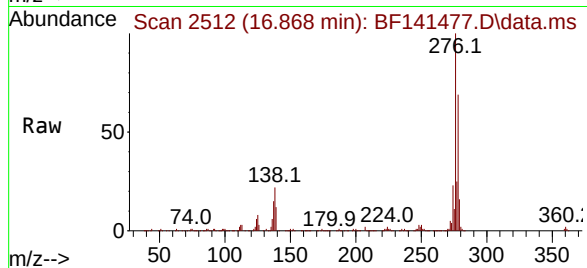
Tgt Ion:276 Resp: 586584

Ion Ratio Lower Upper

276 100

138 23.0 18.0 27.0

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.251 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

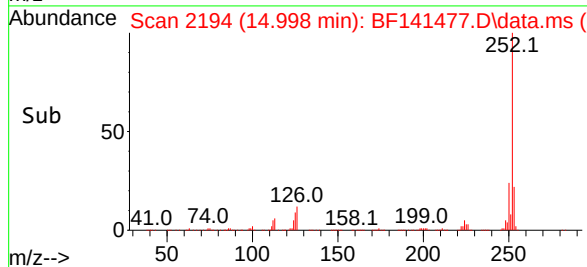
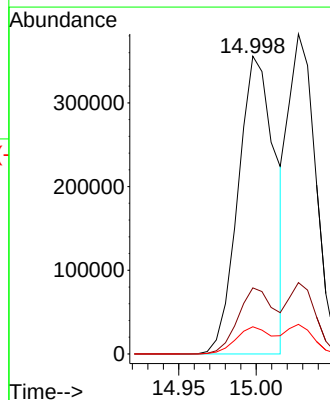
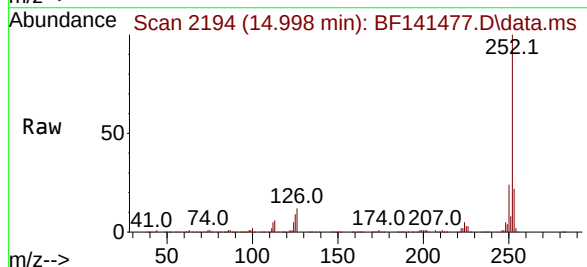
Tgt Ion:252 Resp: 590149

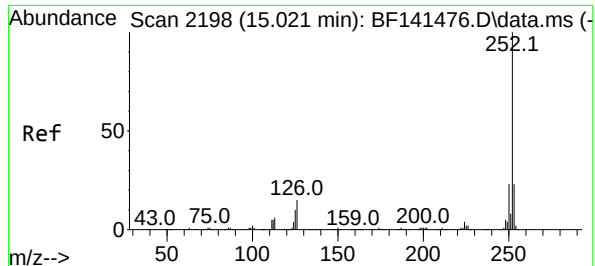
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.814 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

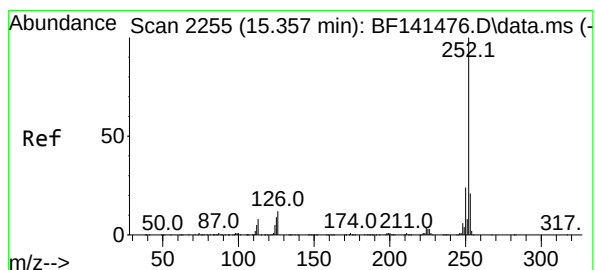
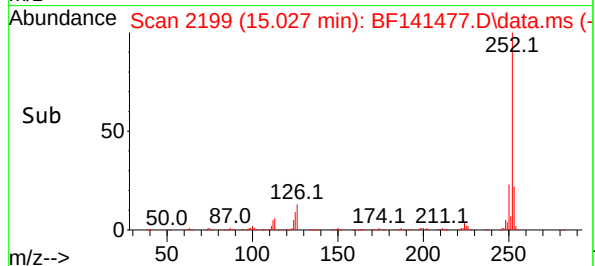
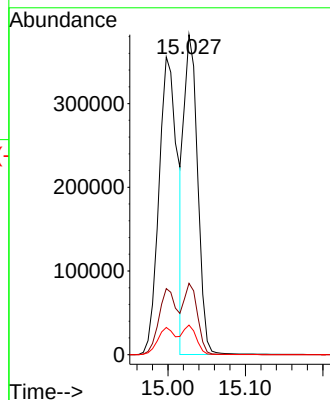
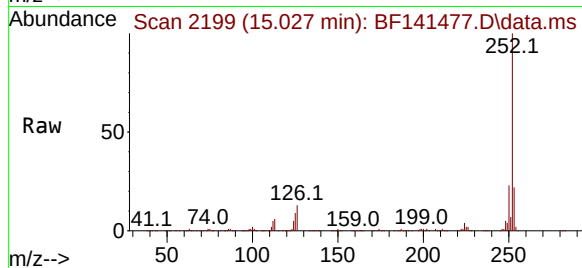
Tgt Ion:252 Resp: 469466

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 49.173 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

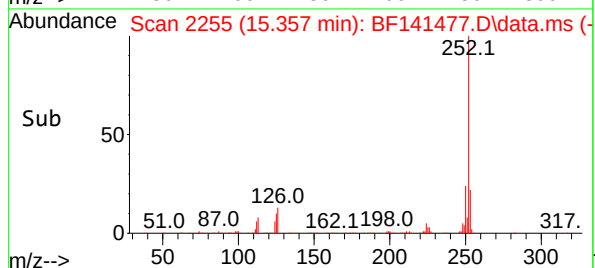
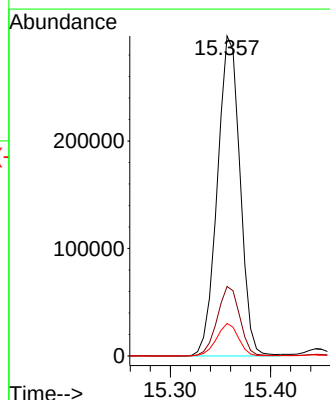
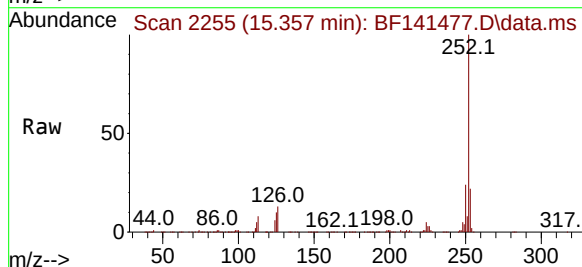
Tgt Ion:252 Resp: 467288

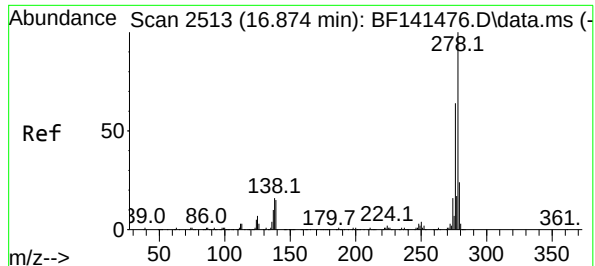
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.2 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 54.503 ng

RT: 16.880 min Scan# 2514

Delta R.T. -0.012 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

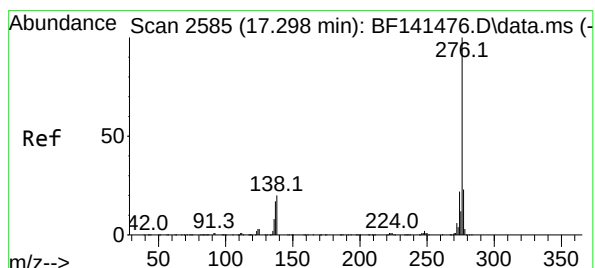
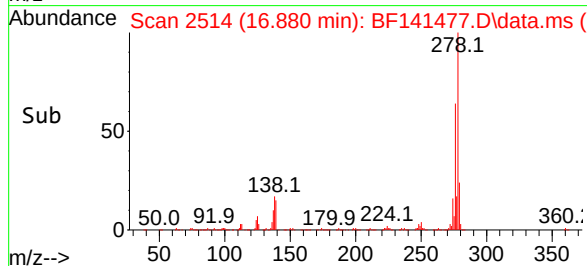
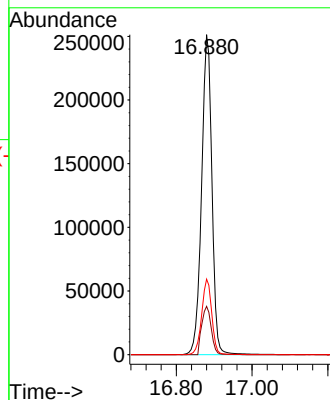
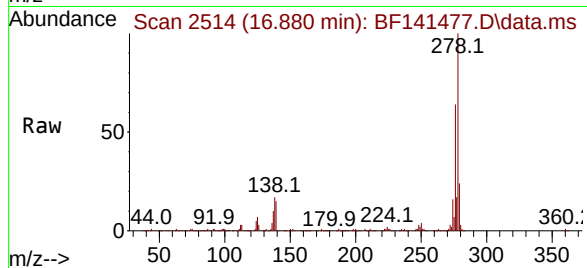
Tgt Ion:278 Resp: 477285

Ion Ratio Lower Upper

278 100

139 15.1 11.8 17.6

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 54.592 ng

RT: 17.304 min Scan# 2586

Delta R.T. -0.012 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

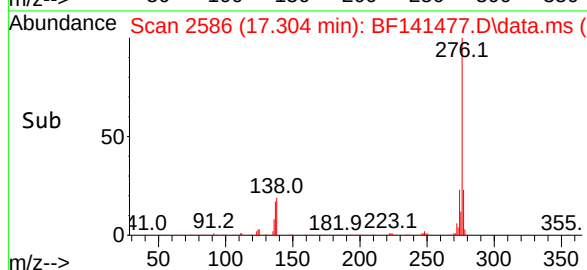
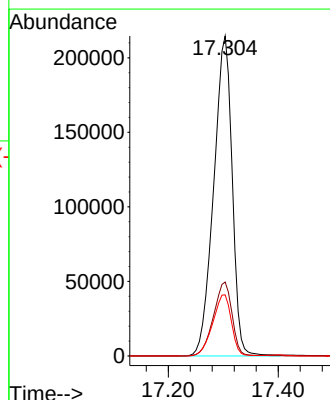
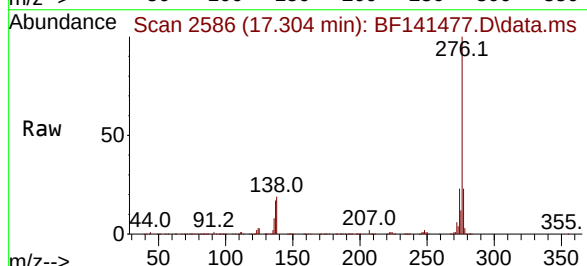
Tgt Ion:276 Resp: 500274

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 19.1 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141478.D
 Acq On : 06 Feb 2025 13:47
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Feb 06 16:00:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	88704	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	344609	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	186729	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	321893	20.000	ng	0.00
76) Chrysene-d12	13.962	240	197108	20.000	ng	0.00
86) Perylene-d12	15.415	264	171026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	672709	118.894	ng	0.00
7) Phenol-d6	6.434	99	843410	117.937	ng	0.00
23) Nitrobenzene-d5	7.357	82	788550	119.351	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	225049	119.976	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1410277	116.358	ng	0.00
79) Terphenyl-d14	12.904	244	1459213	124.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	138751	60.929	ng	99
3) Pyridine	3.210	79	335519	61.916	ng	99
4) n-Nitrosodimethylamine	3.175	42	225031	62.715	ng	98
6) Aniline	6.457	93	397494	59.254	ng	99
8) 2-Chlorophenol	6.581	128	358027	58.561	ng	97
9) Benzaldehyde	6.339	77	187887	49.441	ng	100
10) Phenol	6.451	94	437528	58.782	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	335957	60.093	ng	99
12) 1,3-Dichlorobenzene	6.734	146	380433	58.941	ng	98
13) 1,4-Dichlorobenzene	6.810	146	382812	58.050	ng	98
14) 1,2-Dichlorobenzene	6.963	146	357837	58.465	ng	99
15) Benzyl Alcohol	6.939	79	324244	59.125	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	553943	57.883	ng	91
17) 2-Methylphenol	7.057	107	283563	59.272	ng	97
18) Hexachloroethane	7.304	117	144816	59.337	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	250412	58.540	ng	99
20) 3+4-Methylphenols	7.210	107	350980	57.722	ng	92
22) Acetophenone	7.204	105	504294	58.828	ng	99
24) Nitrobenzene	7.381	77	387174	60.096	ng	100
25) Isophorone	7.616	82	638004	60.562	ng	99
26) 2-Nitrophenol	7.692	139	199140	62.128	ng	97
27) 2,4-Dimethylphenol	7.733	122	227803	60.836	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	404195	59.877	ng	100
29) 2,4-Dichlorophenol	7.939	162	301959	59.683	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	328150	59.561	ng	99
31) Naphthalene	8.098	128	1056367	58.889	ng	100
32) Benzoic acid	7.875	122	250995	64.532	ng	99
33) 4-Chloroaniline	8.151	127	376211	60.070	ng	99
34) Hexachlorobutadiene	8.210	225	197955	59.849	ng	99
35) Caprolactam	8.533	113	94415	61.291	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	335897	59.935	ng	99
37) 2-Methylnaphthalene	8.786	142	688021	58.941	ng	99
38) 1-Methylnaphthalene	8.886	142	661628	58.522	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	321763	59.560	ng	99
41) Hexachlorocyclopentadiene	8.939	237	120063	66.819	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	211702	60.632	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141478.D
 Acq On : 06 Feb 2025 13:47
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

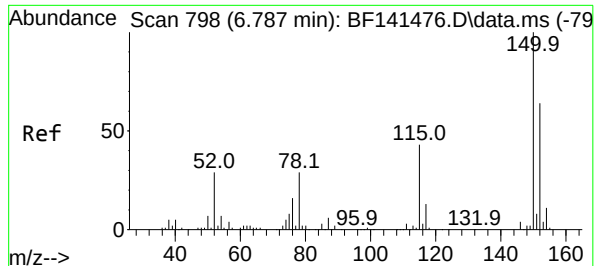
Quant Time: Feb 06 16:00:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	229006	60.519	ng	98
46) 1,1'-Biphenyl	9.251	154	861067	59.479	ng	100
47) 2-Chloronaphthalene	9.275	162	636511	59.459	ng	99
48) 2-Nitroaniline	9.375	65	224709	62.547	ng	99
49) Acenaphthylene	9.692	152	946382	59.436	ng	100
50) Dimethylphthalate	9.557	163	751128	59.253	ng	99
51) 2,6-Dinitrotoluene	9.622	165	167387	60.403	ng	100
52) Acenaphthene	9.863	154	631289	58.974	ng	99
53) 3-Nitroaniline	9.792	138	179664	60.237	ng	100
54) 2,4-Dinitrophenol	9.898	184	111060	67.432	ng	96
55) Dibenzofuran	10.039	168	915117	58.242	ng	100
56) 4-Nitrophenol	9.963	139	143994	65.035	ng	97
57) 2,4-Dinitrotoluene	10.022	165	222091	60.202	ng	99
58) Fluorene	10.380	166	707371	58.225	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	198636	60.972	ng	99
60) Diethylphthalate	10.257	149	732804	58.755	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	342324	58.570	ng	98
62) 4-Nitroaniline	10.404	138	182946	60.406	ng	96
63) Azobenzene	10.533	77	739338	59.629	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	140610	62.884	ng	99
66) n-Nitrosodiphenylamine	10.492	169	603914	58.609	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	213385	59.314	ng	98
68) Hexachlorobenzene	10.927	284	220611	59.552	ng	98
69) Atrazine	11.021	200	175824	56.878	ng	99
70) Pentachlorophenol	11.121	266	153971	65.001	ng	100
71) Phenanthrene	11.345	178	1032075	58.248	ng	100
72) Anthracene	11.392	178	1034181	58.062	ng	99
73) Carbazole	11.551	167	927882	57.896	ng	100
74) Di-n-butylphthalate	11.880	149	1087815	58.783	ng	99
75) Fluoranthene	12.533	202	1053887	56.102	ng	100
77) Benzidine	12.651	184	207602	47.757	ng	99
78) Pyrene	12.763	202	1068624	63.687	ng	99
80) Butylbenzylphthalate	13.380	149	368219	63.357	ng	99
81) Benzo(a)anthracene	13.951	228	774318	59.097	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	208826	55.639	ng	98
83) Chrysene	13.986	228	723815	59.829	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	411979	62.851	ng	100
85) Di-n-octyl phthalate	14.562	149	621505	66.464	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	723493	68.464	ng	100
88) Benzo(b)fluoranthene	14.998	252	695617	60.575	ng	99
89) Benzo(k)fluoranthene	15.027	252	563342	57.449	ng	99
90) Benzo(a)pyrene	15.357	252	561457	60.423	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	584115	68.216	ng	99
92) Benzo(g,h,i)perylene	17.309	276	617241	68.884	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

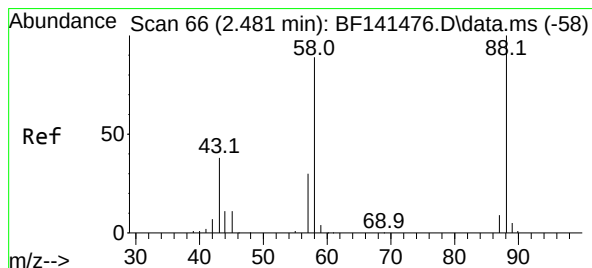
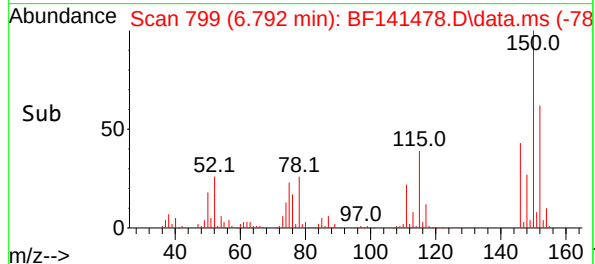
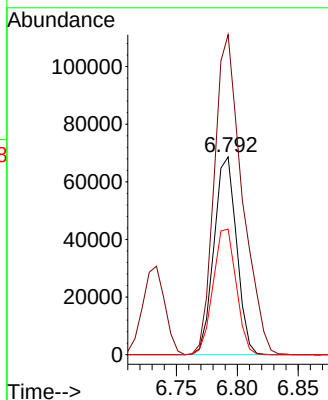
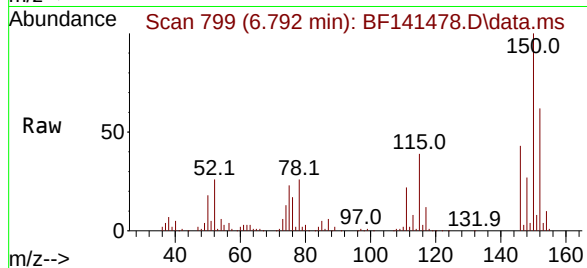
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

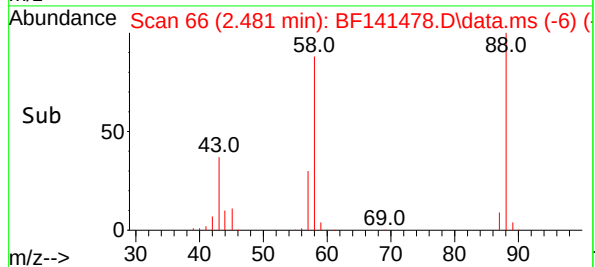
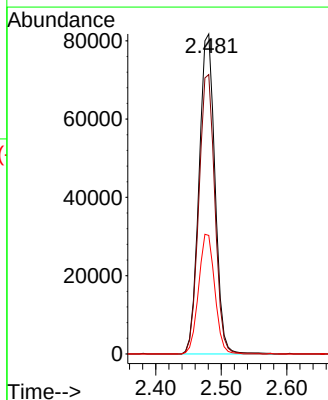
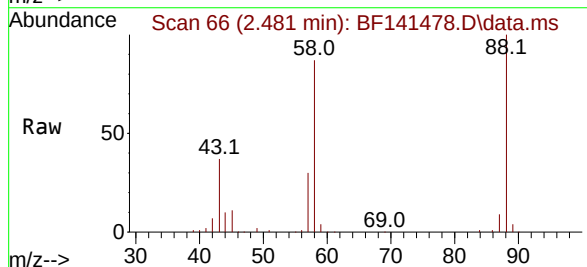
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

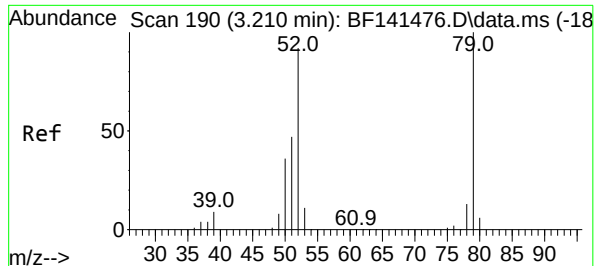
Tgt Ion:152 Resp: 88704
Ion Ratio Lower Upper
152 100
150 161.8 125.0 187.4
115 63.6 53.6 80.4



#2
1,4-Dioxane
Concen: 60.929 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 88 Resp: 138751
Ion Ratio Lower Upper
88 100
58 87.5 71.1 106.7
43 37.9 30.6 46.0





#3

Pyridine

Concen: 61.916 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

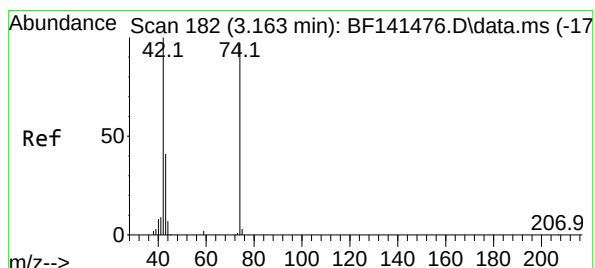
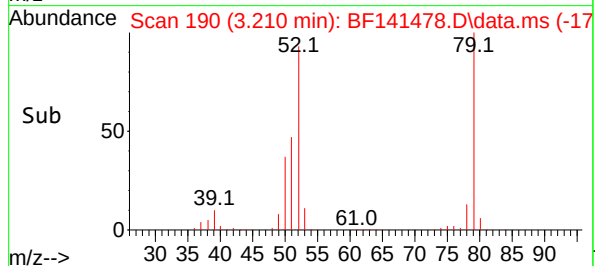
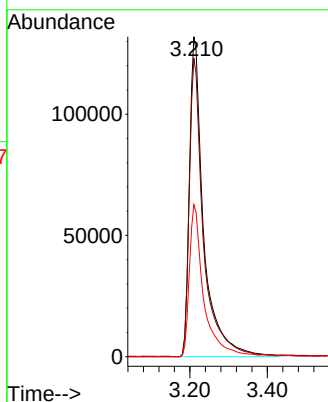
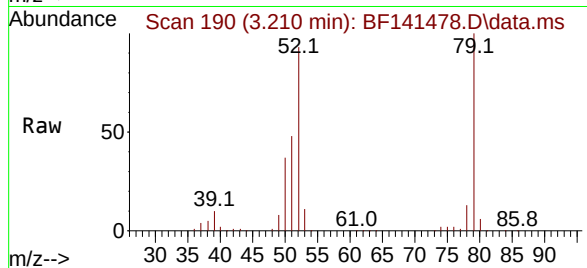
Tgt Ion: 79 Resp: 335519

Ion Ratio Lower Upper

79 100

52 93.3 73.7 110.5

51 47.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 62.715 ng

RT: 3.175 min Scan# 184

Delta R.T. -0.012 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

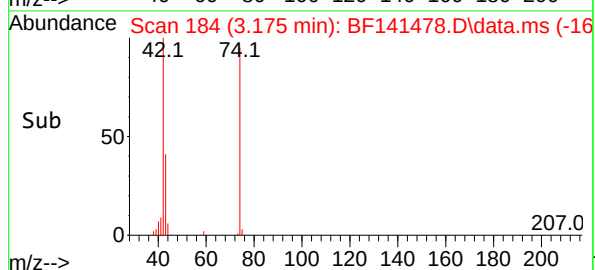
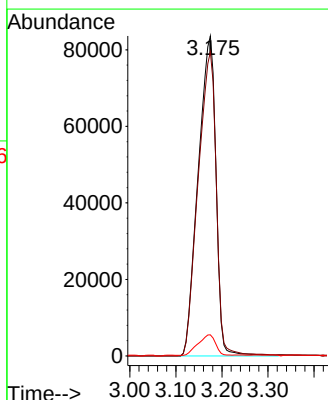
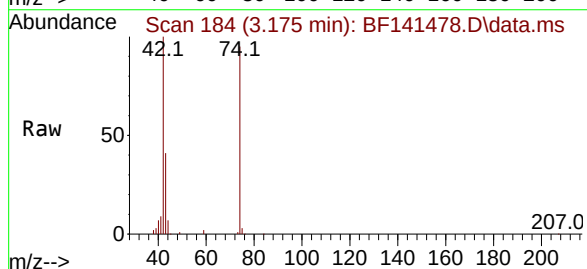
Tgt Ion: 42 Resp: 225031

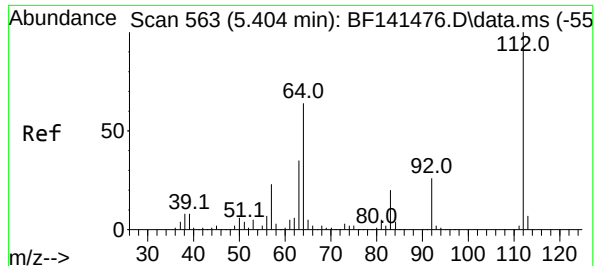
Ion Ratio Lower Upper

42 100

74 95.0 78.0 117.0

44 6.6 5.4 8.2

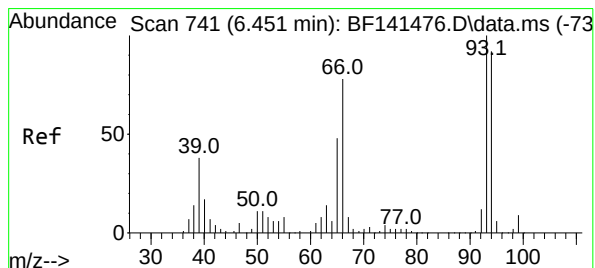
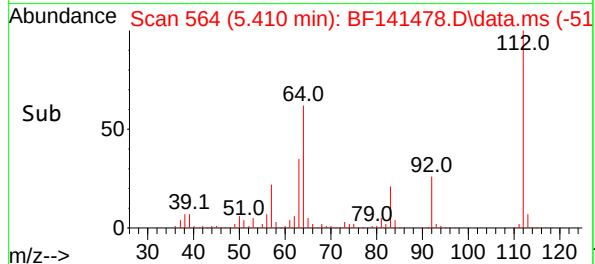
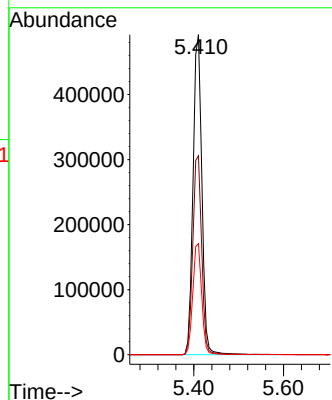
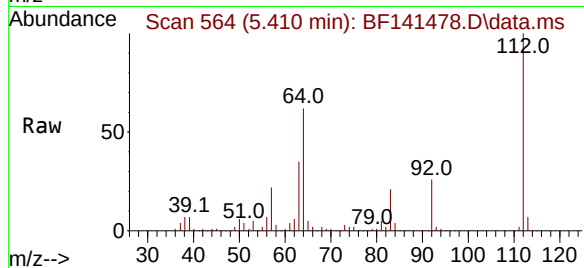




#5
2-Fluorophenol
Concen: 118.894 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

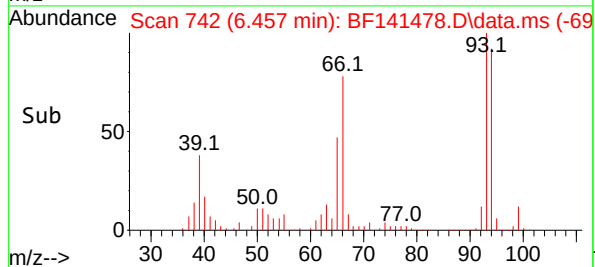
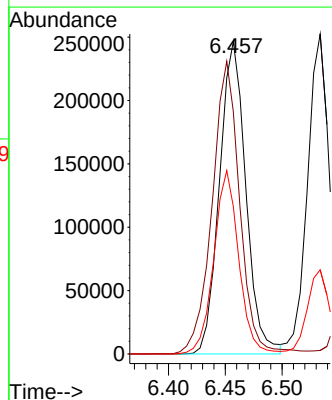
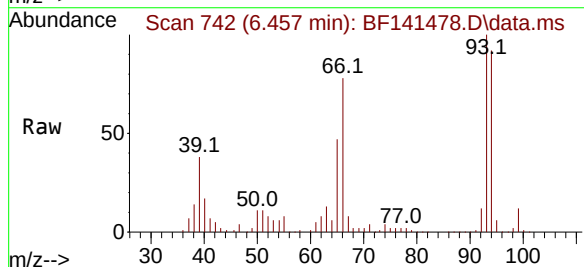
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

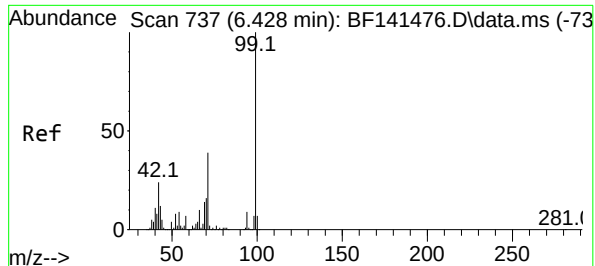
Tgt Ion:112 Resp: 672709
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 34.7 28.4 42.6



#6
Aniline
Concen: 59.254 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 93 Resp: 397494
Ion Ratio Lower Upper
93 100
66 77.6 62.6 94.0
65 47.2 38.3 57.5

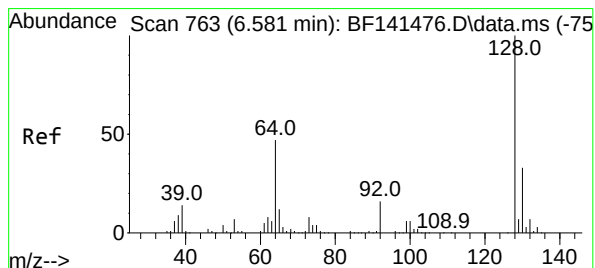
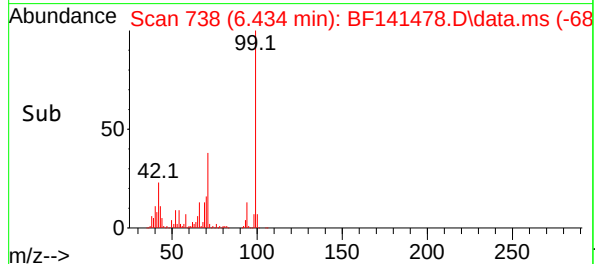
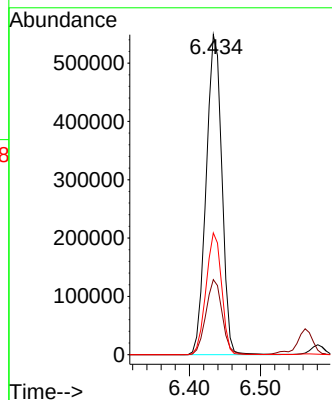
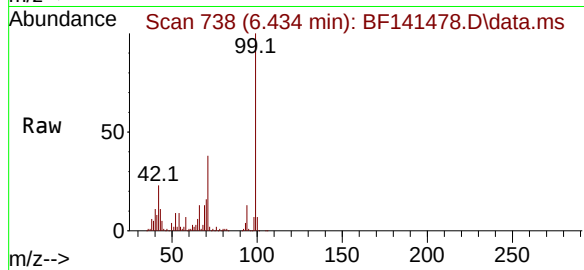




#7
Phenol-d6
Concen: 117.937 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

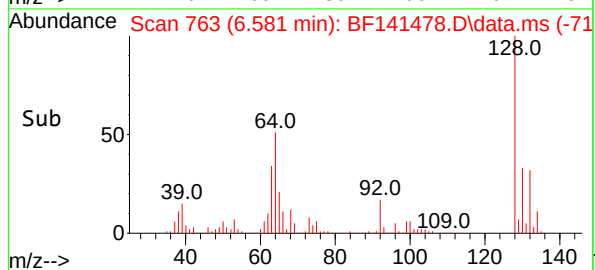
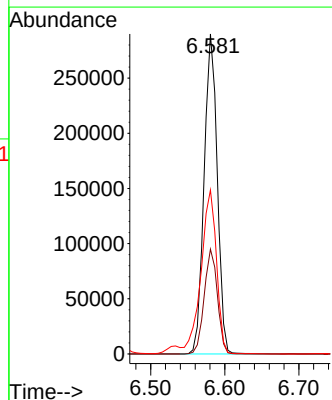
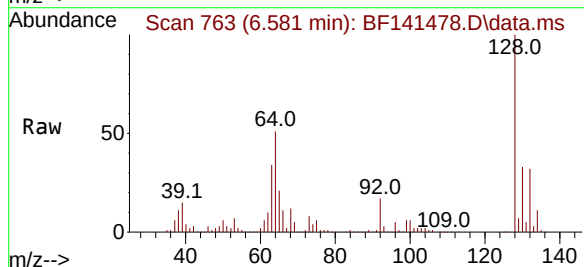
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

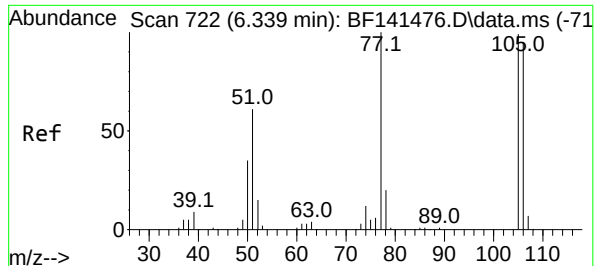
Tgt Ion: 99 Resp: 843410
Ion Ratio Lower Upper
99 100
42 23.5 19.1 28.7
71 38.0 31.1 46.7



#8
2-Chlorophenol
Concen: 58.561 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 128 Resp: 358027
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 51.3 28.3 68.3

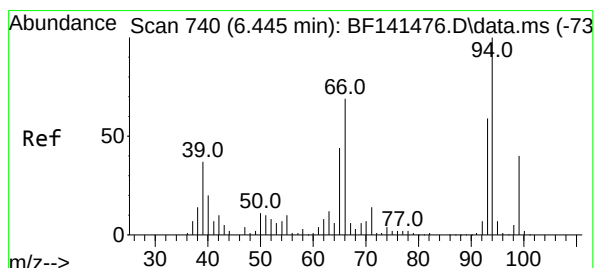
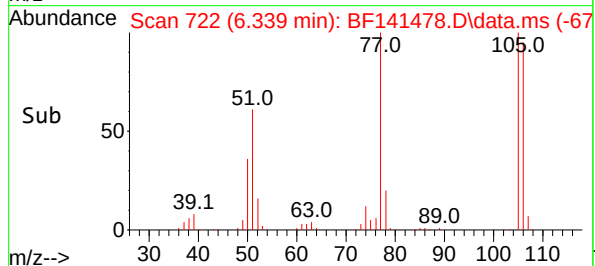
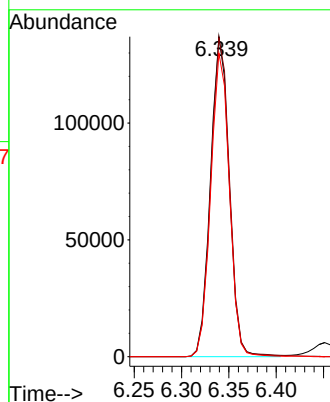
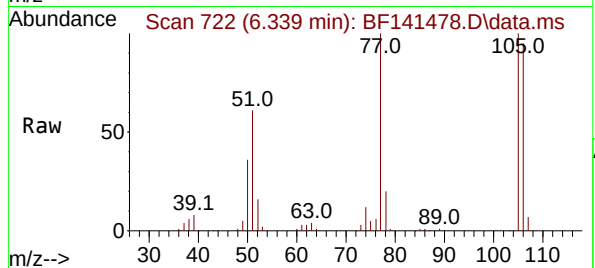




#9
Benzaldehyde
Concen: 49.441 ng
RT: 6.339 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

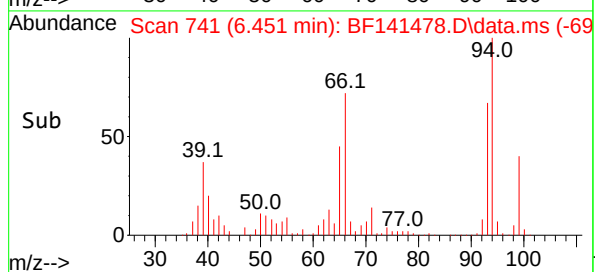
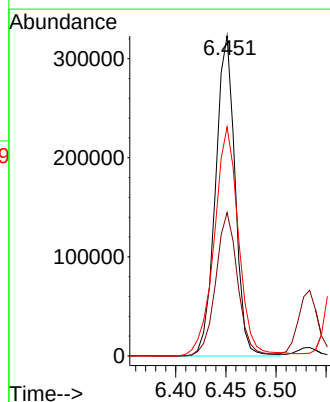
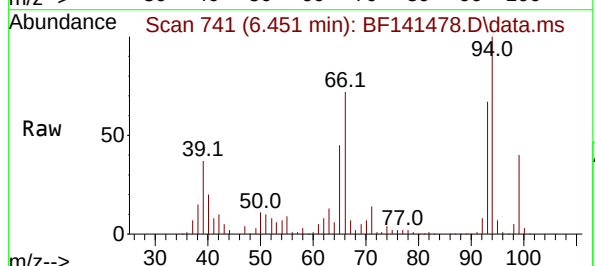
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

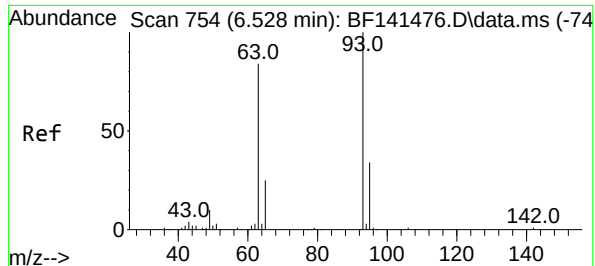
Tgt Ion: 77 Resp: 187887
Ion Ratio Lower Upper
77 100
105 99.7 79.4 119.4
106 94.9 75.1 115.1



#10
Phenol
Concen: 58.782 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 94 Resp: 437528
Ion Ratio Lower Upper
94 100
65 44.8 23.7 63.7
66 71.5 49.3 89.3

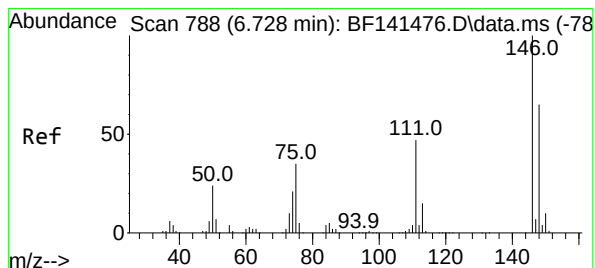
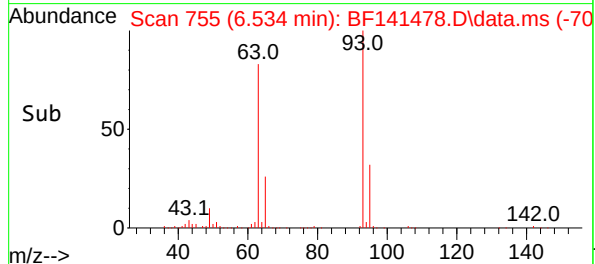
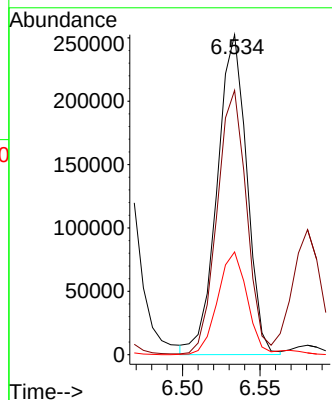
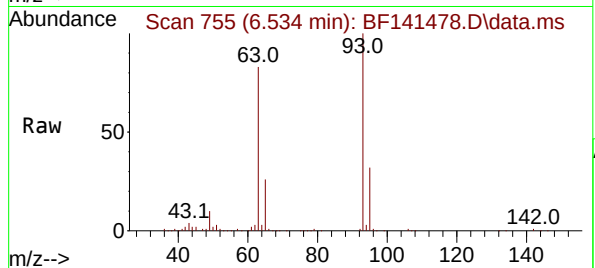




#11
bis(2-Chloroethyl)ether
Concen: 60.093 ng
RT: 6.534 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

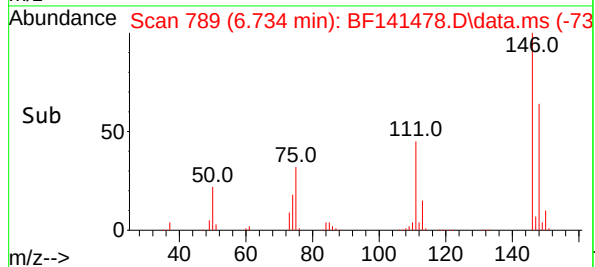
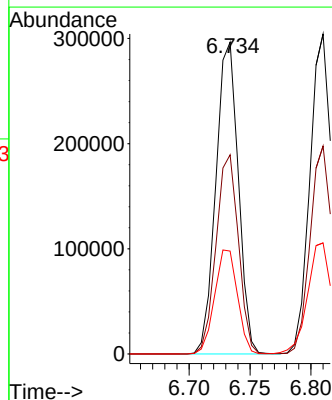
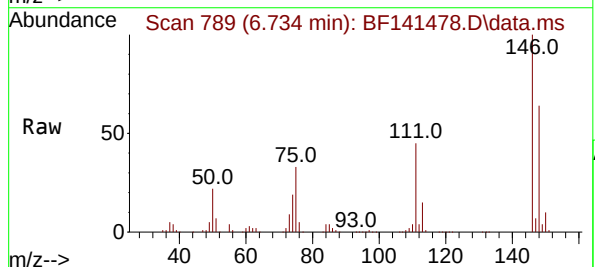
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

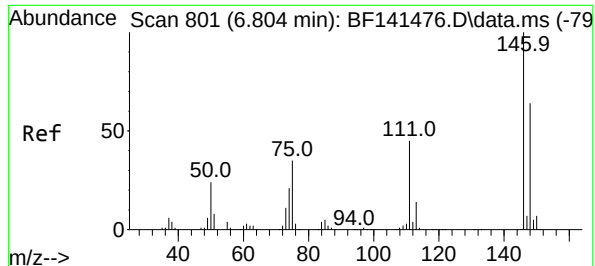
Tgt Ion: 93 Resp: 335957
Ion Ratio Lower Upper
93 100
63 82.6 62.0 102.0
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 58.941 ng
RT: 6.734 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 146 Resp: 380433
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 33.0 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 58.050 ng

RT: 6.810 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

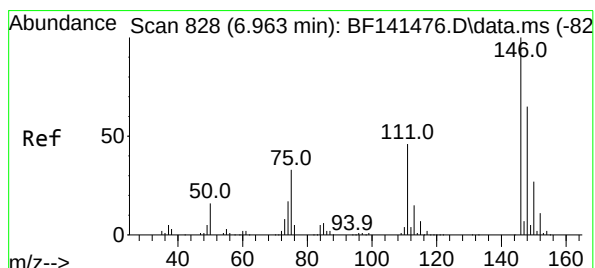
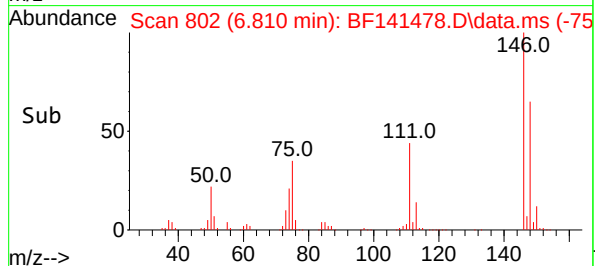
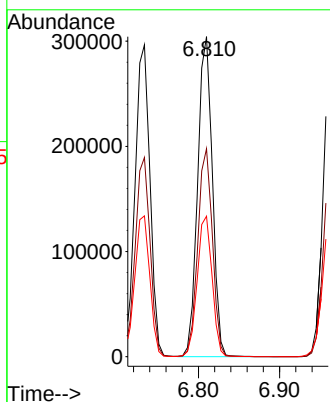
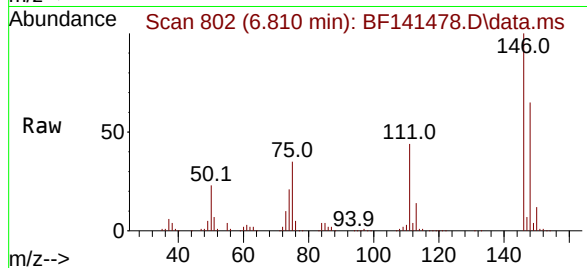
Tgt Ion:146 Resp: 382812

Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

111 43.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 58.465 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

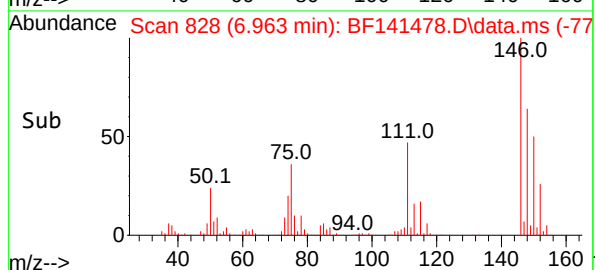
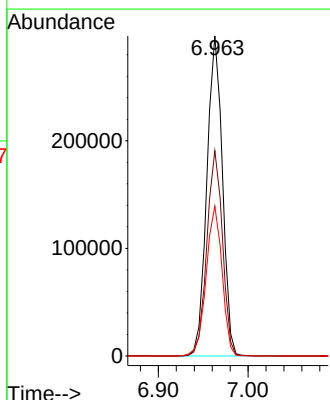
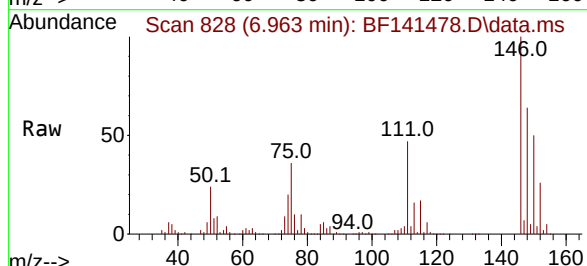
Tgt Ion:146 Resp: 357837

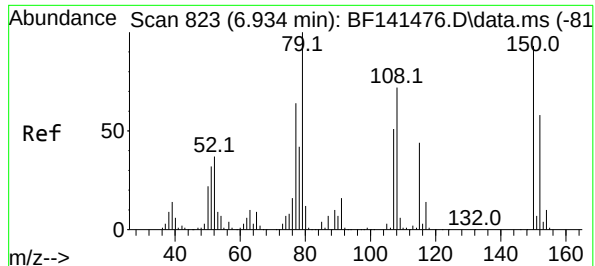
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 46.8 37.0 55.4

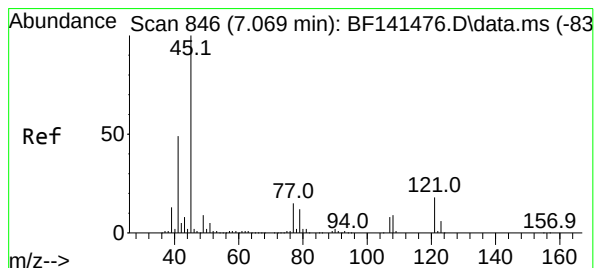
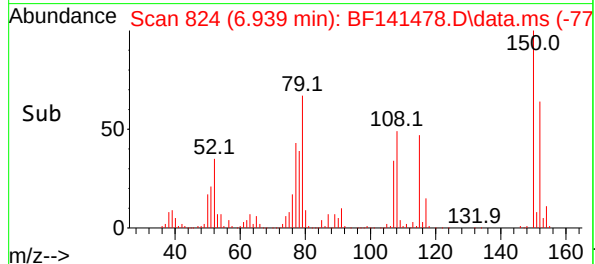
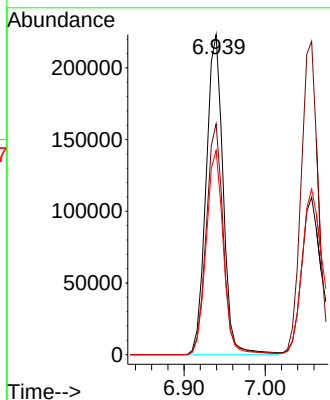
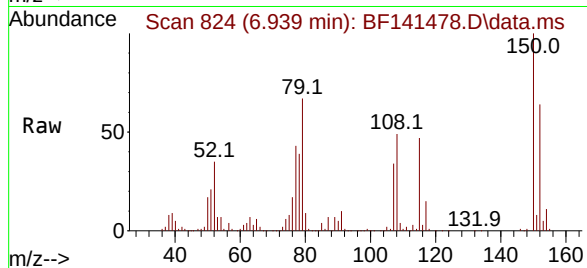




#15
Benzyl Alcohol
Concen: 59.125 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

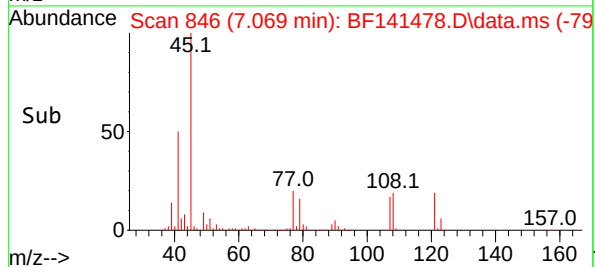
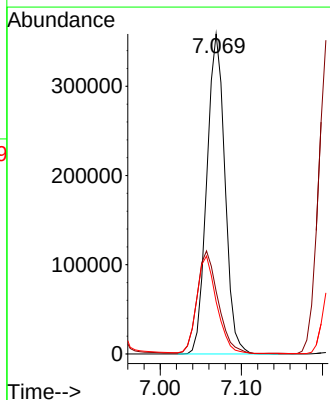
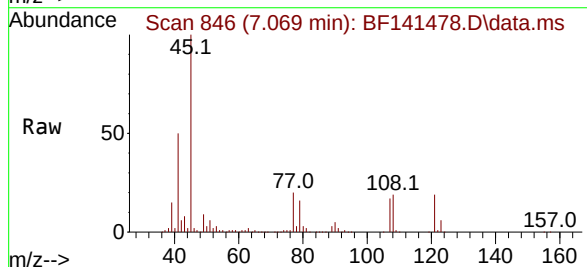
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

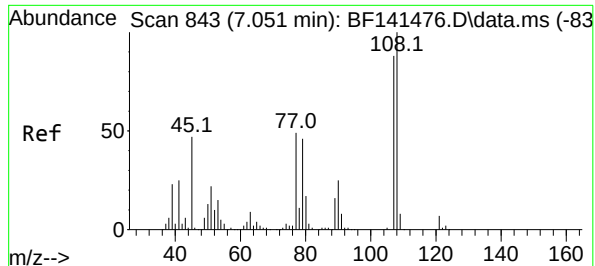
Tgt Ion: 79 Resp: 324244
Ion Ratio Lower Upper
79 100
108 72.1 57.4 86.2
77 63.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.883 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

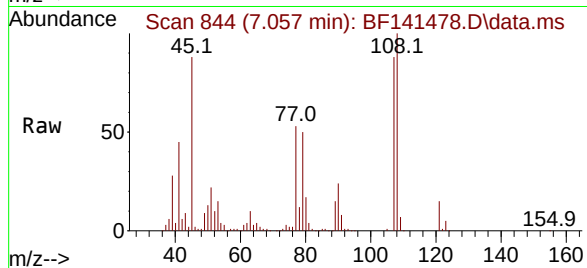
Tgt Ion: 45 Resp: 553943
Ion Ratio Lower Upper
45 100
77 19.6 0.0 35.8
79 16.3 0.0 32.7



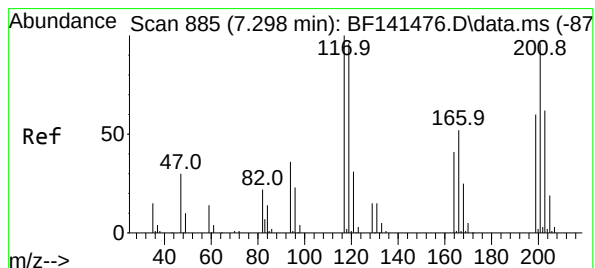
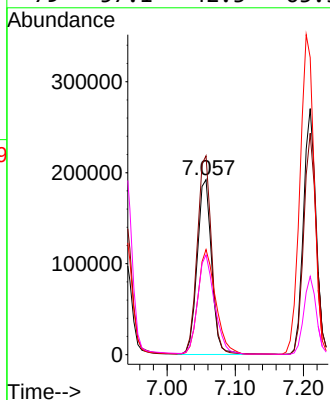
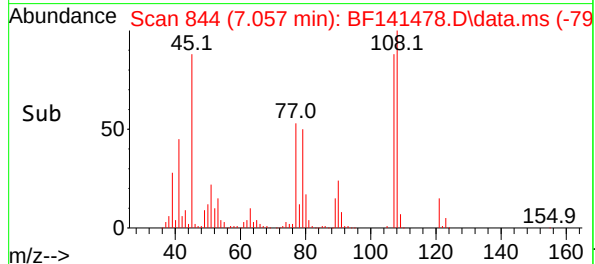


#17
2-Methylphenol
Concen: 59.272 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

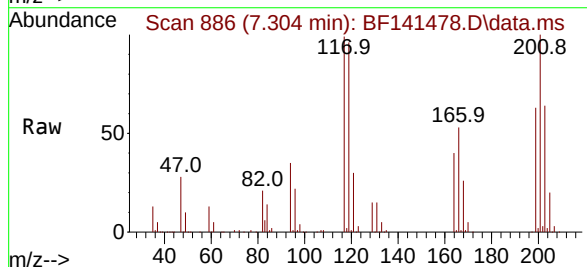
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



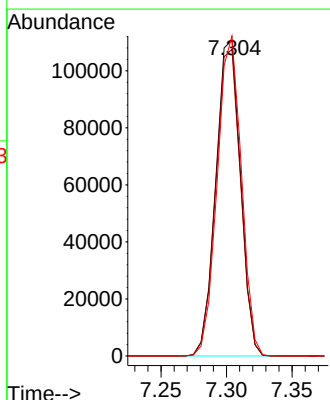
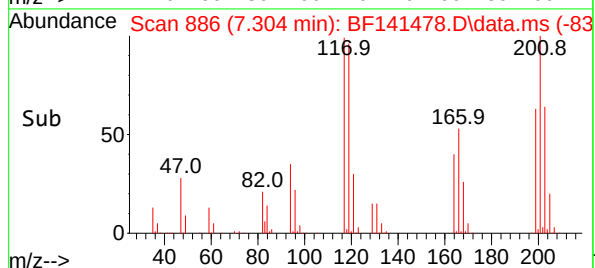
Tgt Ion:107 Resp: 283563
Ion Ratio Lower Upper
107 100
108 113.6 90.6 136.0
77 60.1 44.4 66.6
79 57.1 42.3 63.5

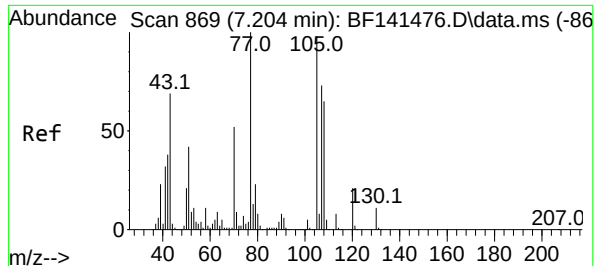


#18
Hexachloroethane
Concen: 59.337 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47



Tgt Ion:117 Resp: 144816
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
201 101.4 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 58.540 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 250412

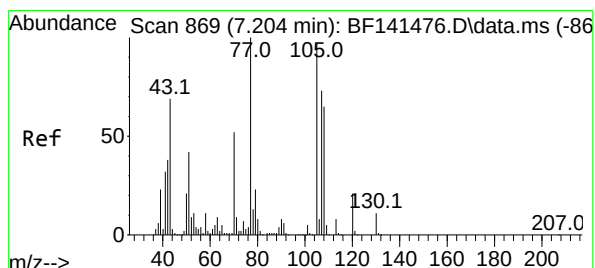
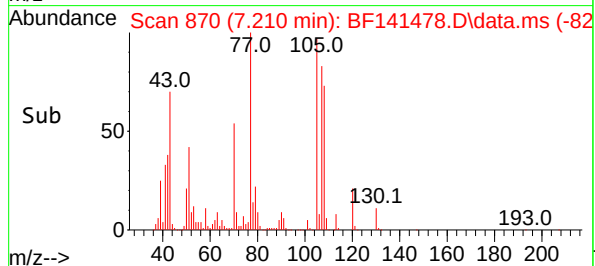
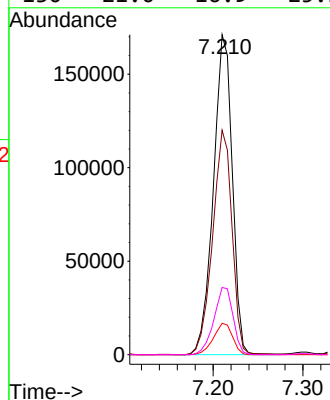
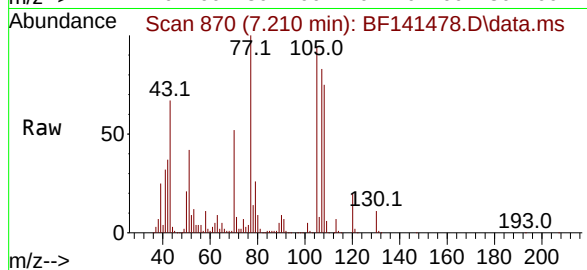
Ion Ratio Lower Upper

70 100

42 70.1 57.4 86.2

101 9.8 8.0 12.0

130 21.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 57.722 ng

RT: 7.210 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion:107 Resp: 350980

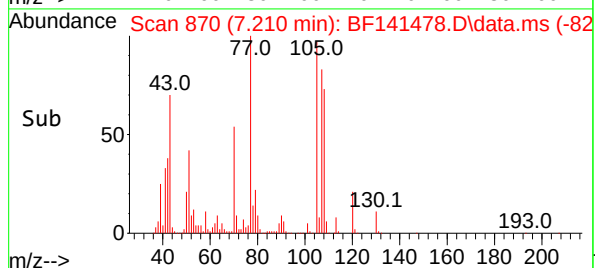
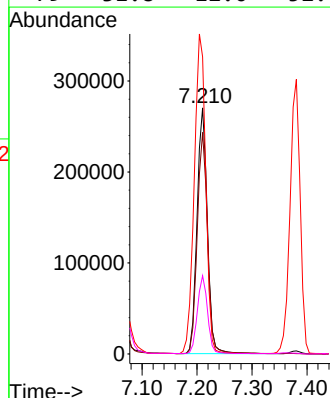
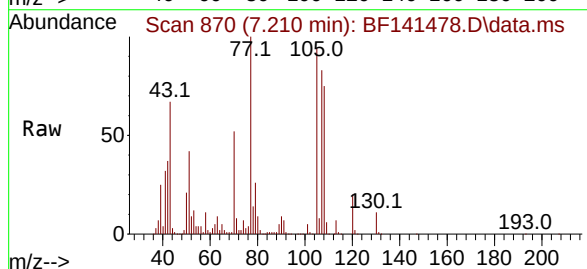
Ion Ratio Lower Upper

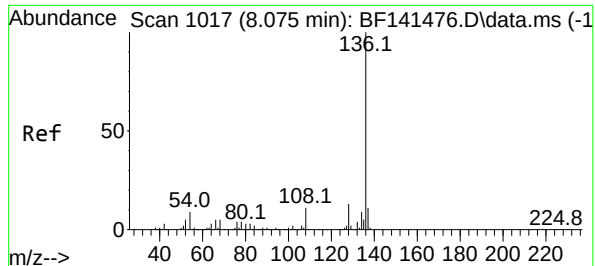
107 100

108 90.0 68.5 108.5

77 120.7 116.5 156.5

79 31.8 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 344609

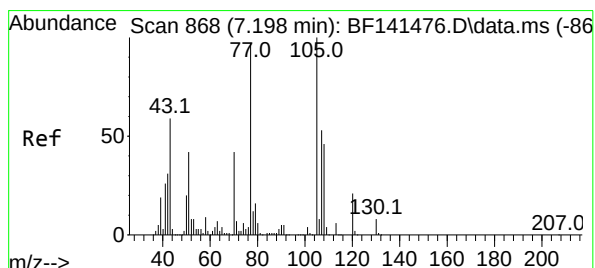
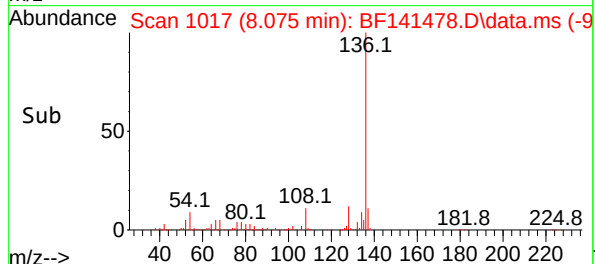
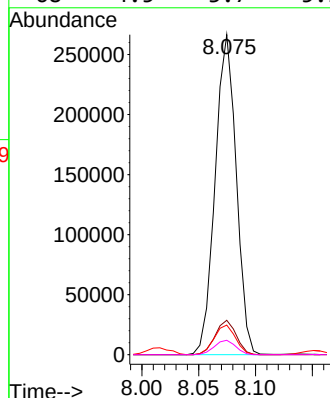
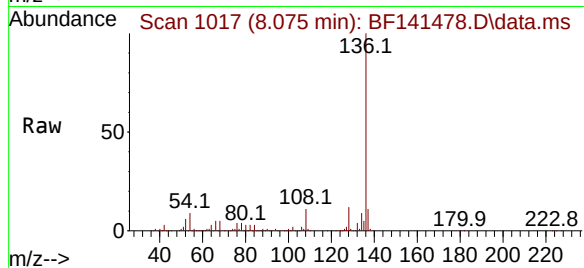
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.2 7.2 10.8

68 4.5 3.7 5.5



#22

Acetophenone

Concen: 58.828 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion:105 Resp: 504294

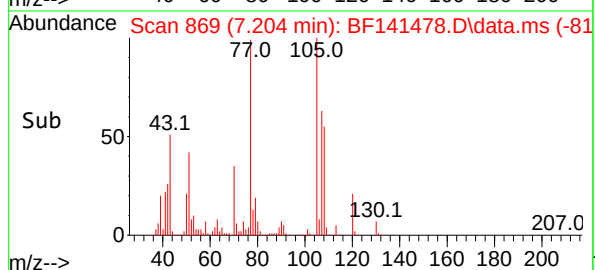
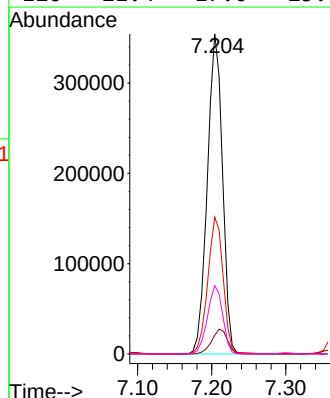
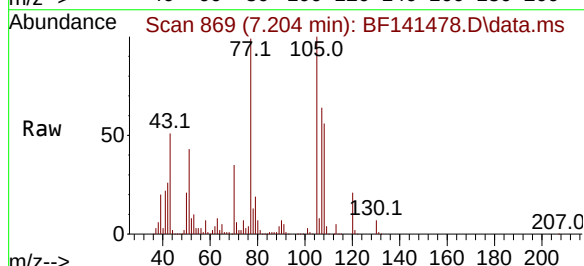
Ion Ratio Lower Upper

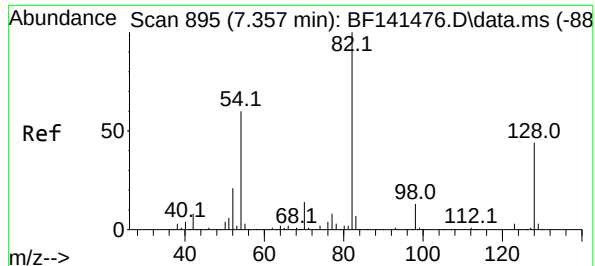
105 100

71 5.9 5.7 8.5

51 42.7 33.7 50.5

120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 119.351 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

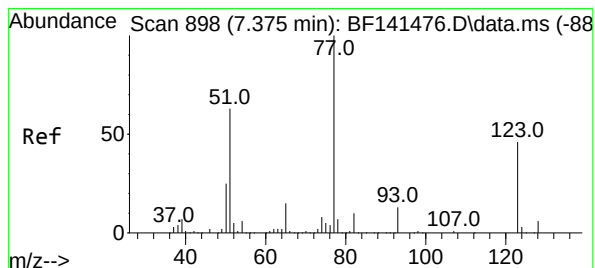
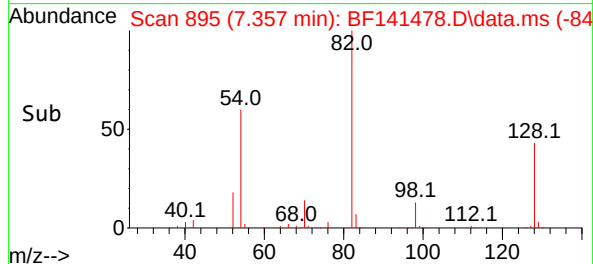
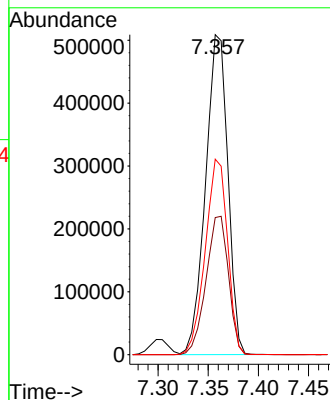
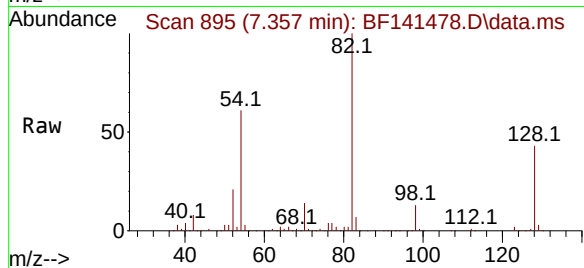
Tgt Ion: 82 Resp: 788550

Ion Ratio Lower Upper

82 100

128 42.9 34.8 52.2

54 61.1 48.2 72.4



#24

Nitrobenzene

Concen: 60.096 ng

RT: 7.381 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

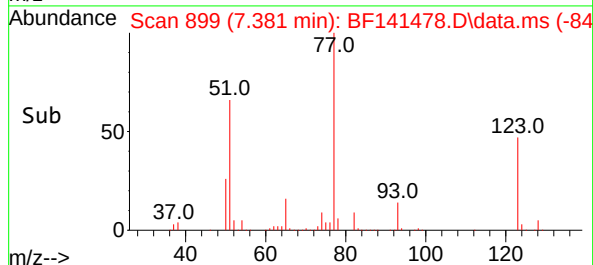
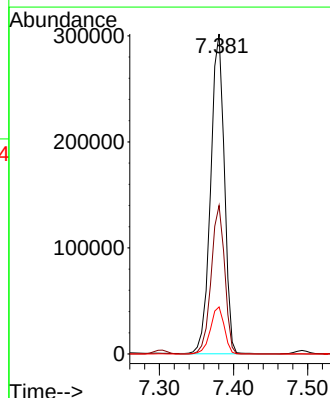
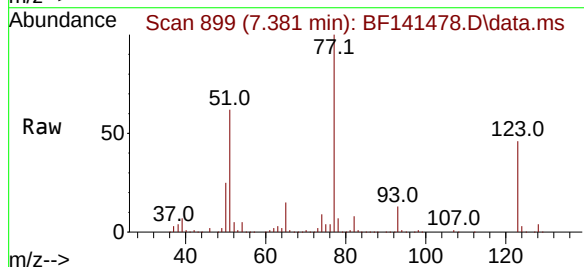
Tgt Ion: 77 Resp: 387174

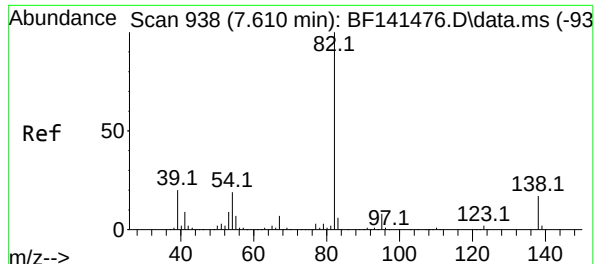
Ion Ratio Lower Upper

77 100

123 46.4 36.9 55.3

65 14.7 11.9 17.9

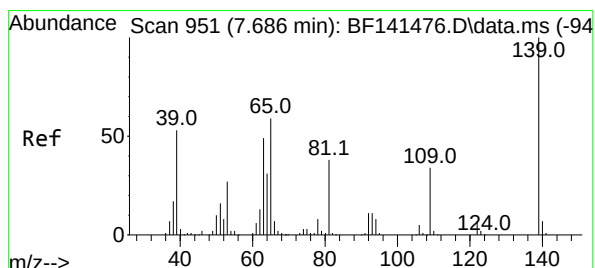
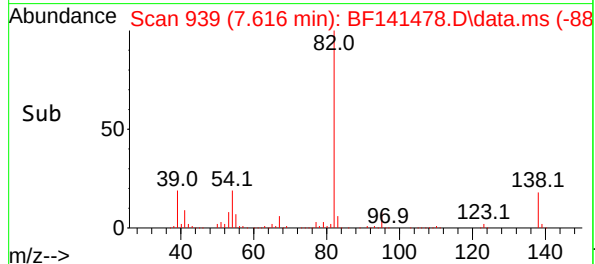
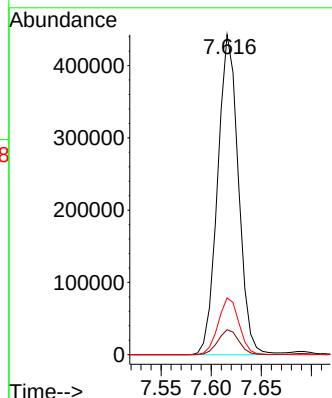
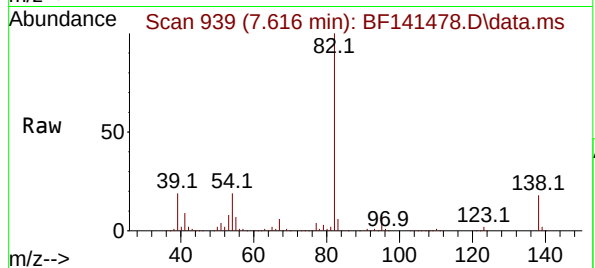




#25
Isophorone
Concen: 60.562 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

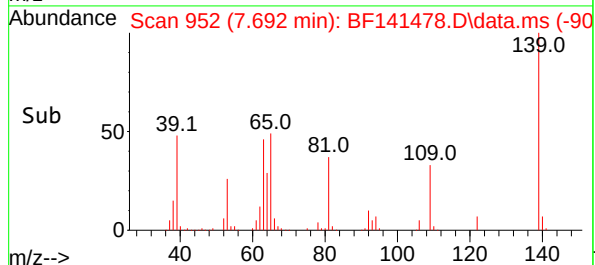
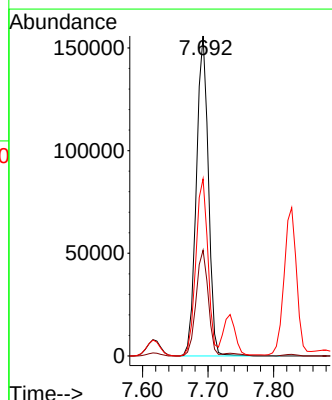
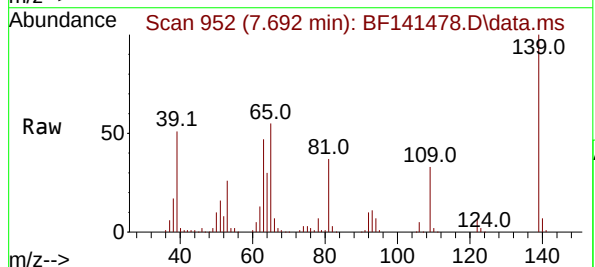
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

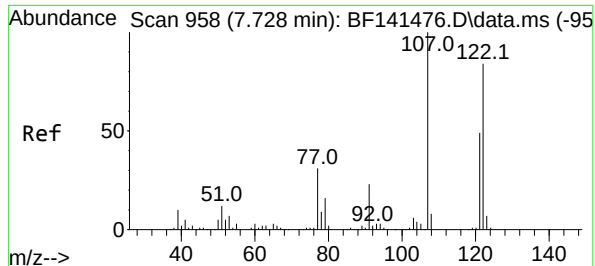
Tgt Ion: 82 Resp: 638004
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 62.128 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:139 Resp: 199140
Ion Ratio Lower Upper
139 100
109 33.1 27.0 40.6
65 55.3 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 60.836 ng

RT: 7.733 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

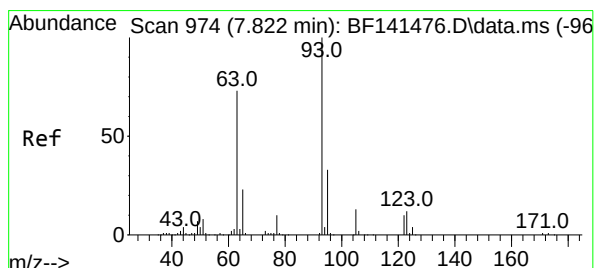
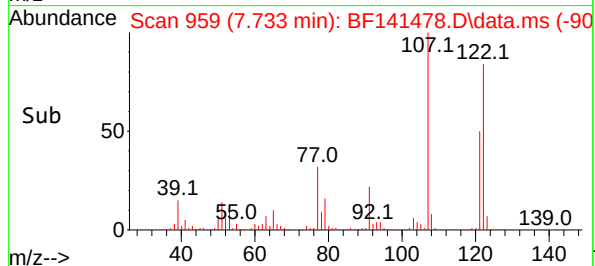
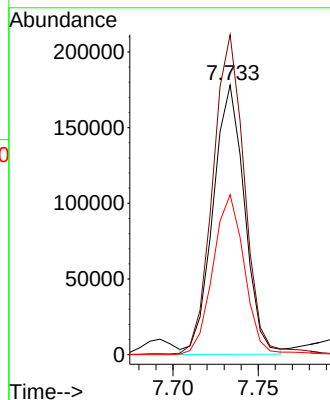
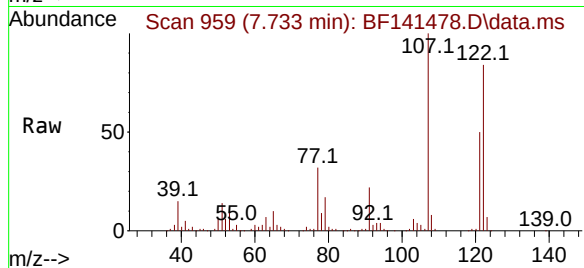
Tgt Ion:122 Resp: 227803

Ion Ratio Lower Upper

122 100

107 118.7 94.3 141.5

121 59.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 59.877 ng

RT: 7.828 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

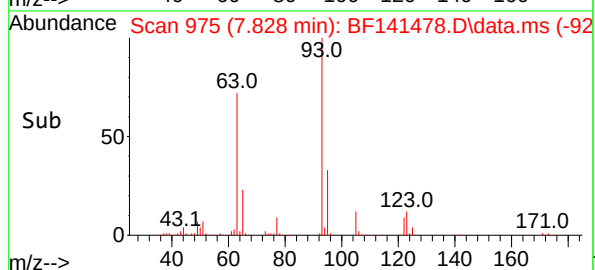
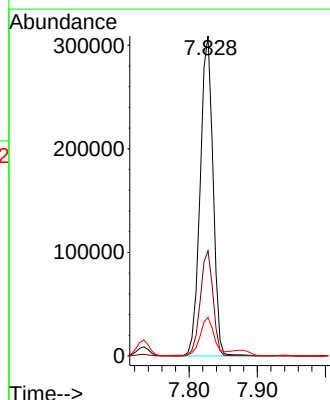
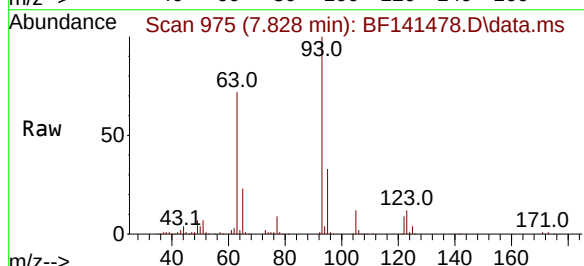
Tgt Ion: 93 Resp: 404195

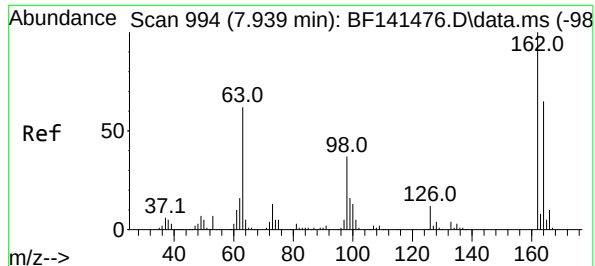
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 59.683 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

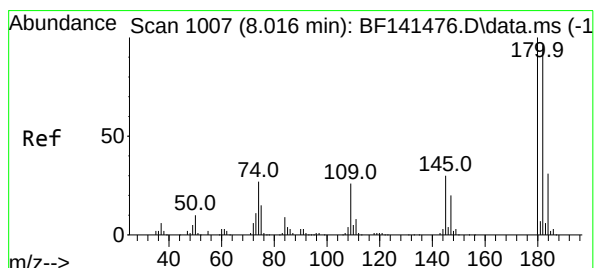
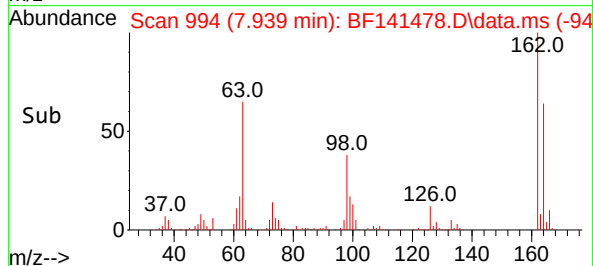
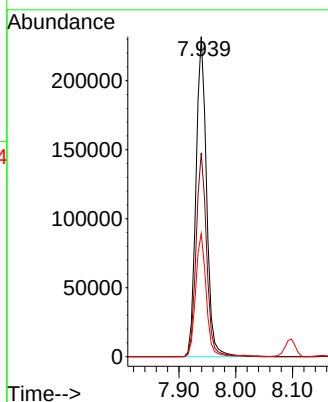
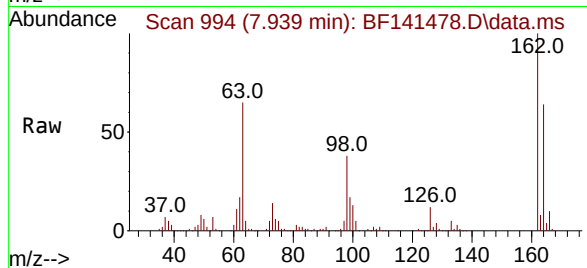
Tgt Ion:162 Resp: 301959

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

98 38.4 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 59.561 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

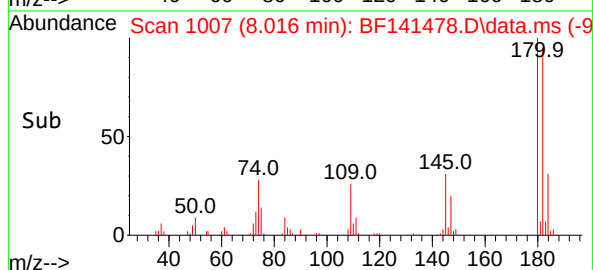
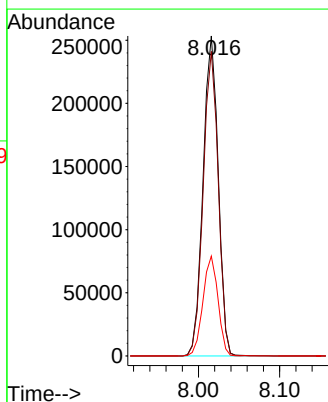
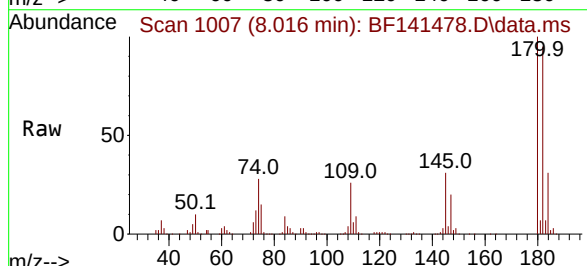
Tgt Ion:180 Resp: 328150

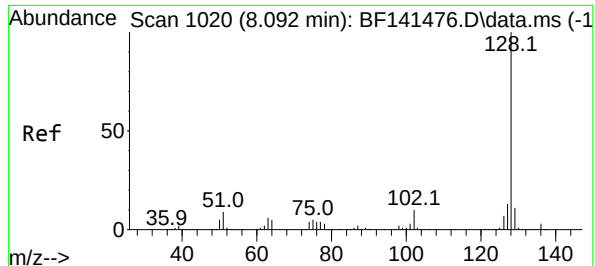
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 31.2 24.2 36.4

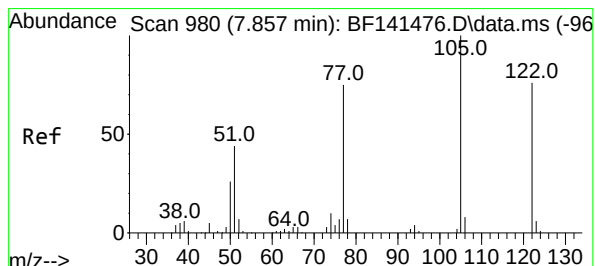
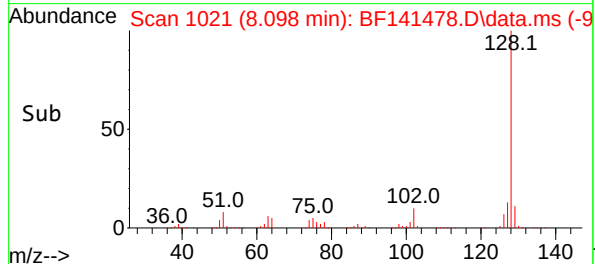
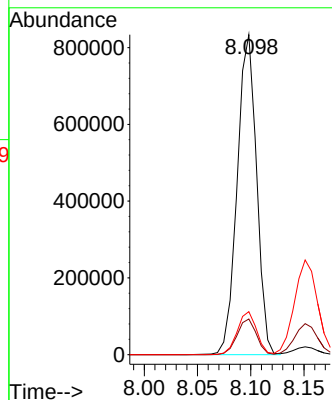
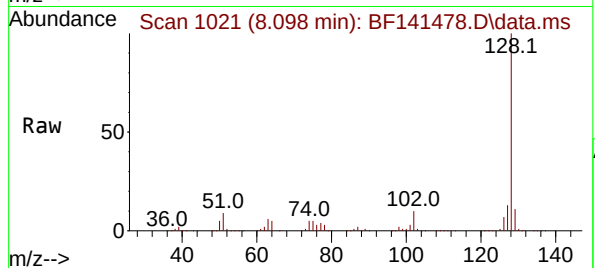




#31
Naphthalene
Concen: 58.889 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

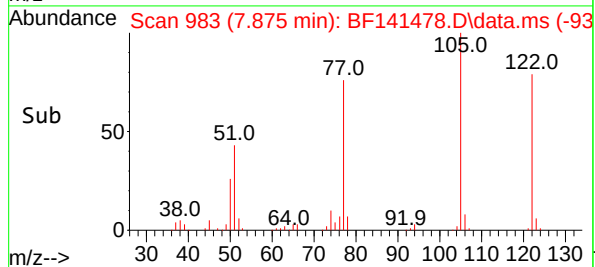
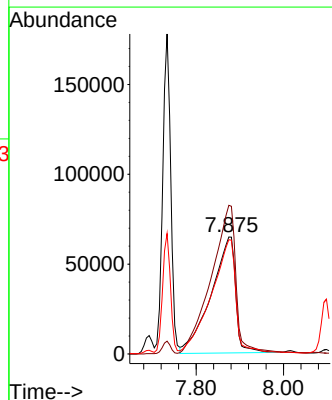
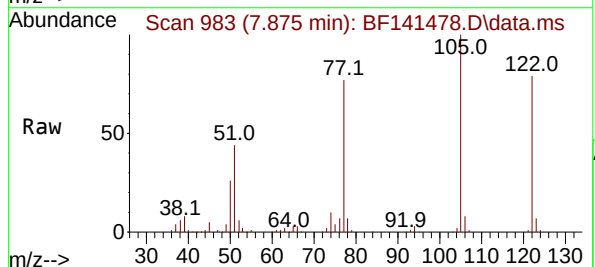
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

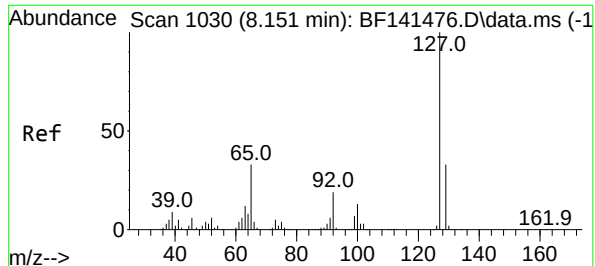
Tgt Ion:128 Resp: 1056367
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 64.532 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.017 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:122 Resp: 250995
Ion Ratio Lower Upper
122 100
105 127.0 106.5 146.5
77 97.7 76.3 116.3





#33

4-Chloroaniline

Concen: 60.070 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 376211

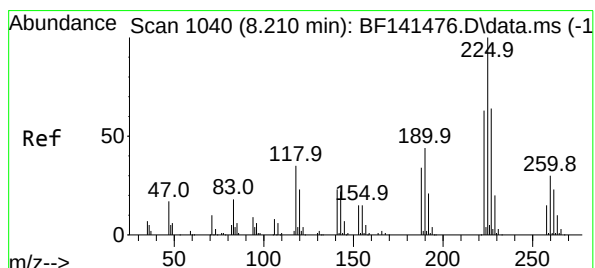
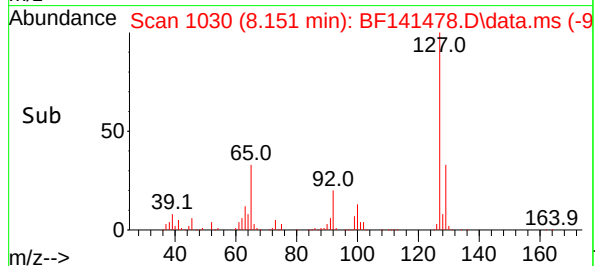
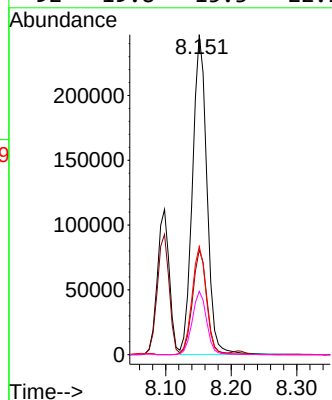
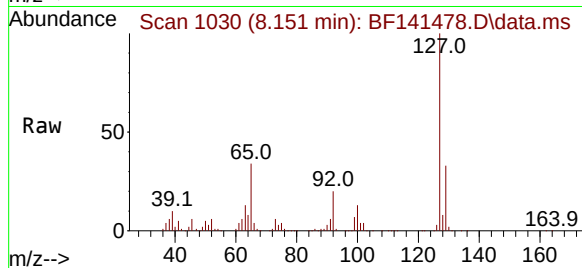
Ion Ratio Lower Upper

127 100

129 32.8 26.5 39.7

65 33.8 26.4 39.6

92 19.8 15.3 22.9



#34

Hexachlorobutadiene

Concen: 59.849 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

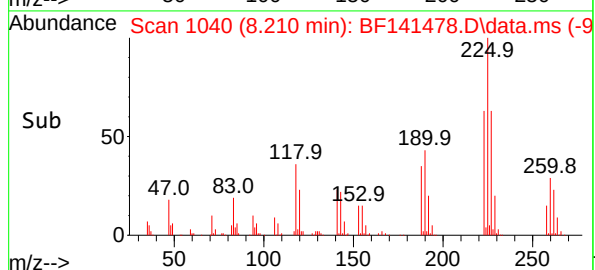
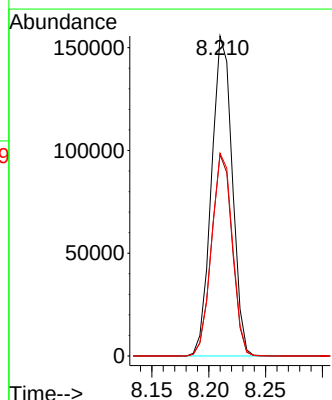
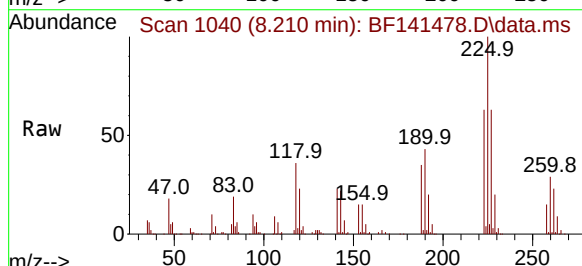
Tgt Ion:225 Resp: 197955

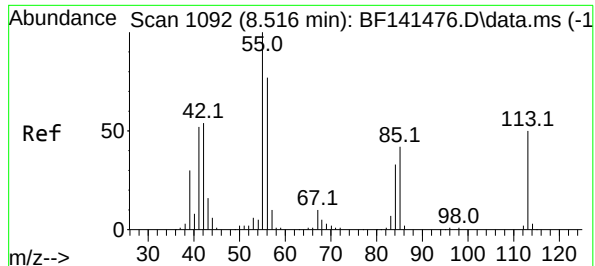
Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

227 63.4 51.0 76.6





#35

Caprolactam

Concen: 61.291 ng

RT: 8.533 min Scan# 1109

Delta R.T. -0.012 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

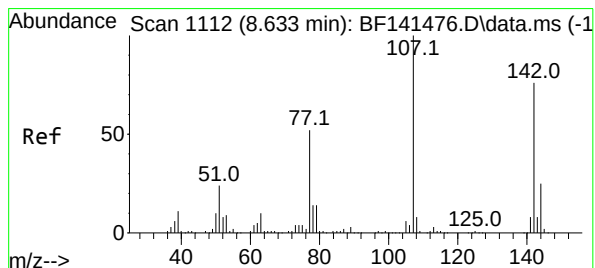
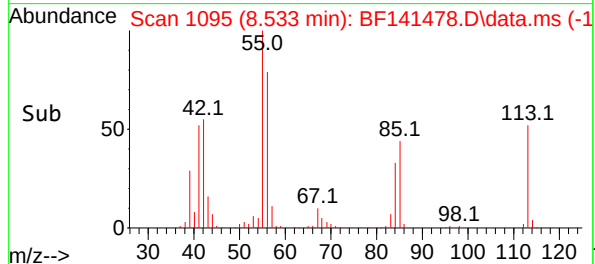
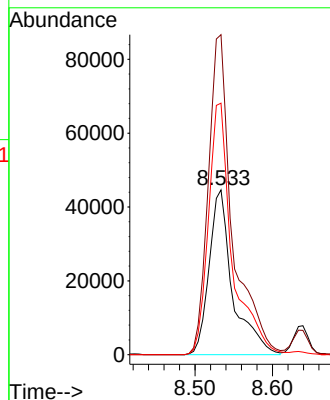
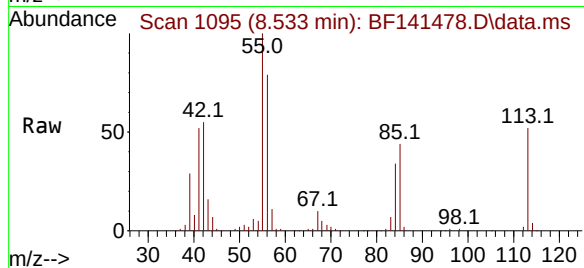
Tgt Ion:113 Resp: 94415

Ion Ratio Lower Upper

113 100

55 194.1 180.8 220.8

56 152.5 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 59.935 ng

RT: 8.639 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

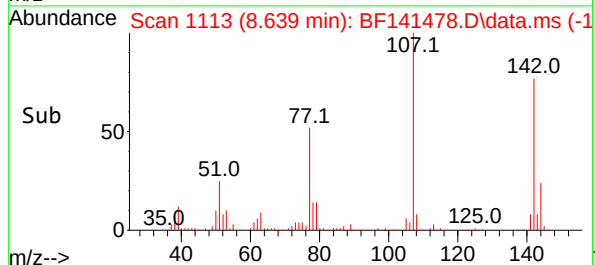
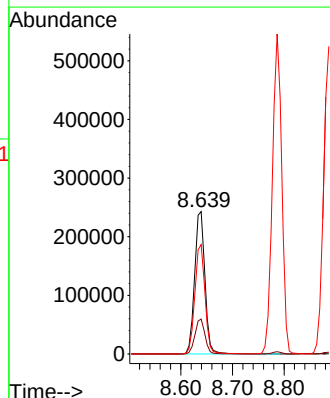
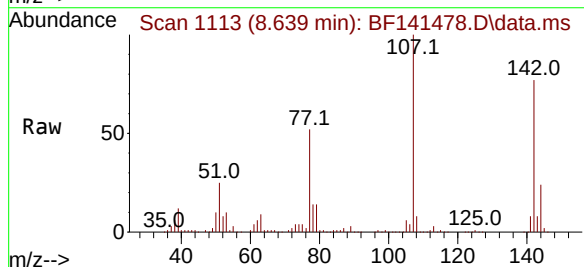
Tgt Ion:107 Resp: 335897

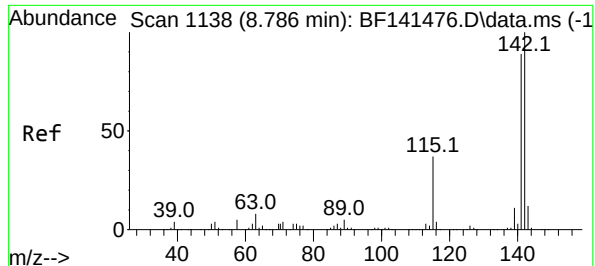
Ion Ratio Lower Upper

107 100

144 24.5 19.7 29.5

142 76.8 60.8 91.2

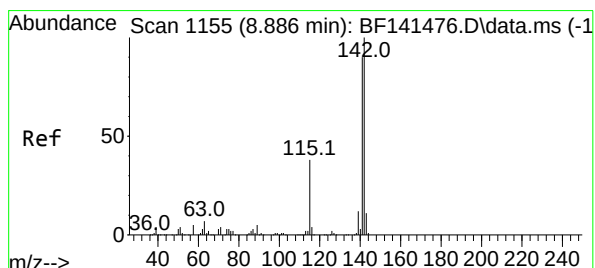
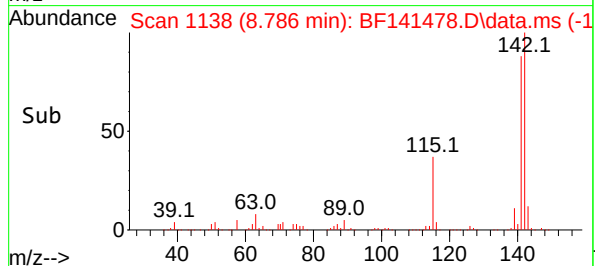
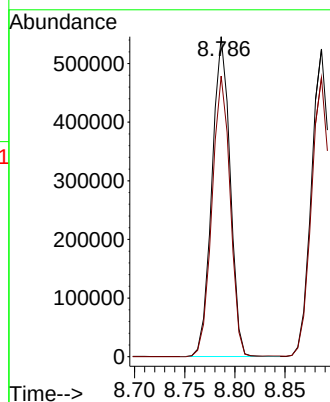
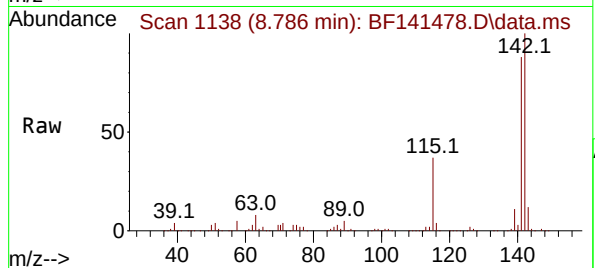




#37
2-Methylnaphthalene
Concen: 58.941 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

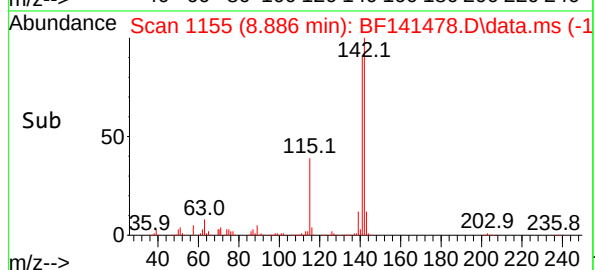
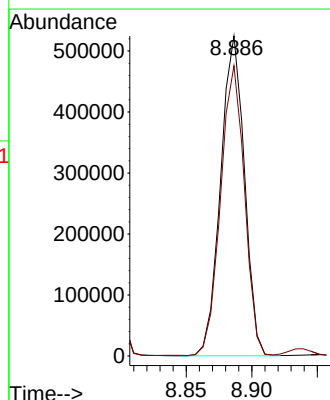
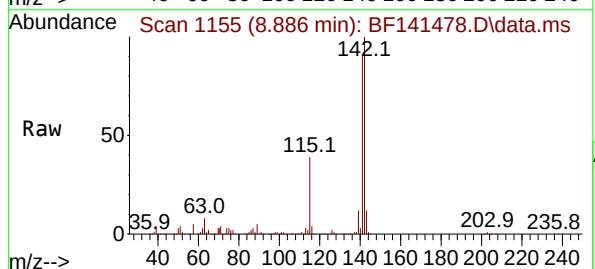
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

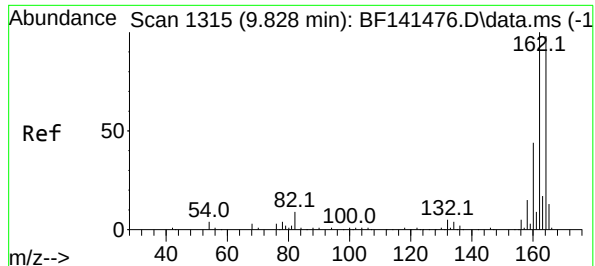
Tgt Ion:142 Resp: 688021
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 58.522 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:142 Resp: 661628
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

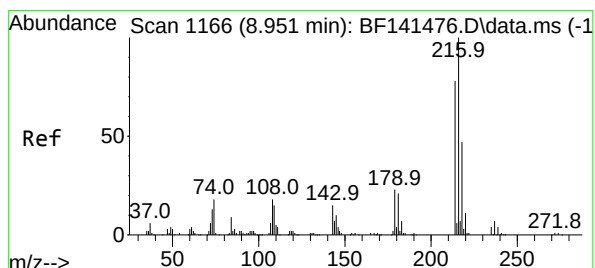
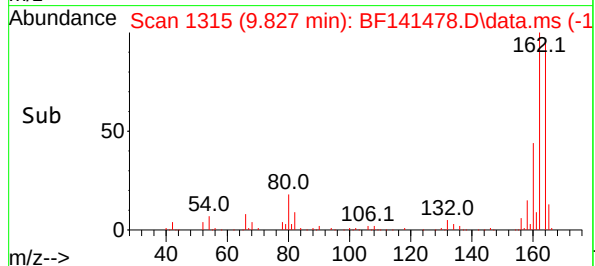
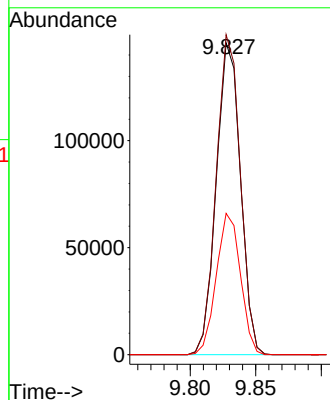
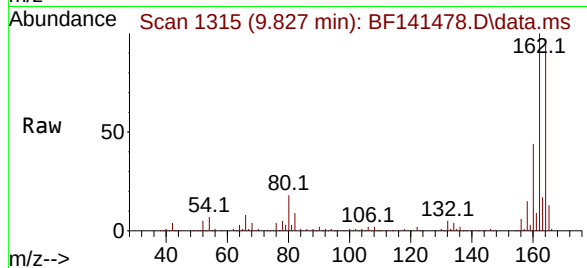
Tgt Ion:164 Resp: 186729

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.560 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion:216 Resp: 321763

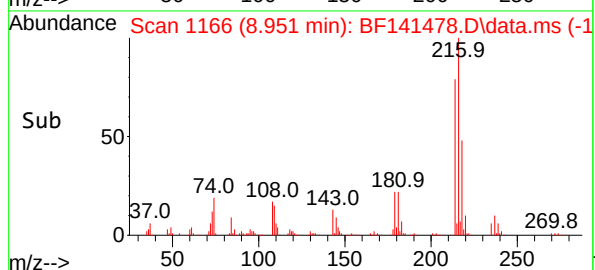
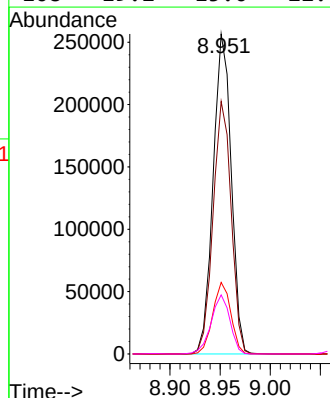
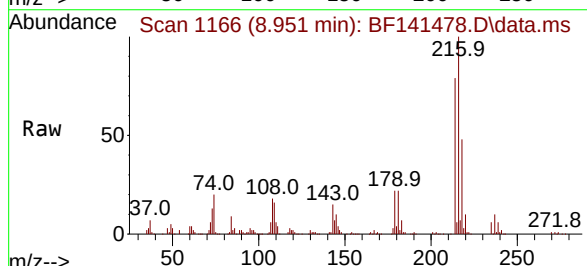
Ion Ratio Lower Upper

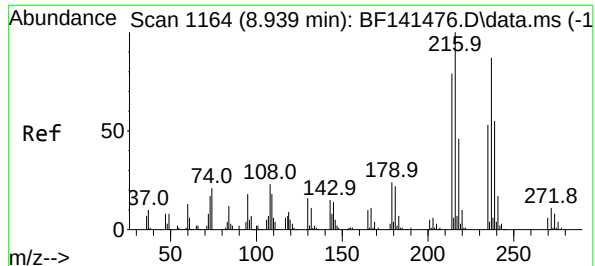
216 100

214 79.0 62.3 93.5

179 22.3 18.0 27.0

108 19.2 15.0 22.6

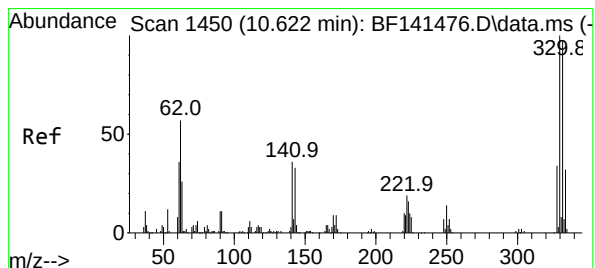
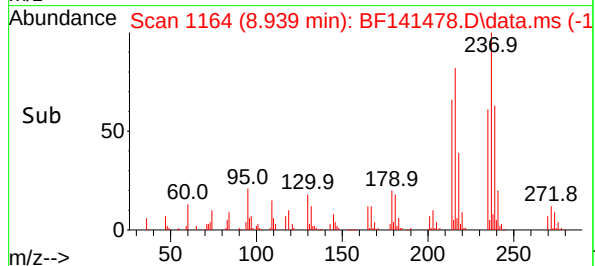
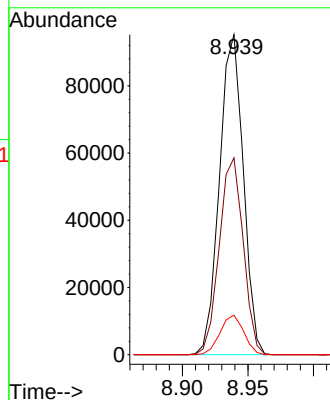
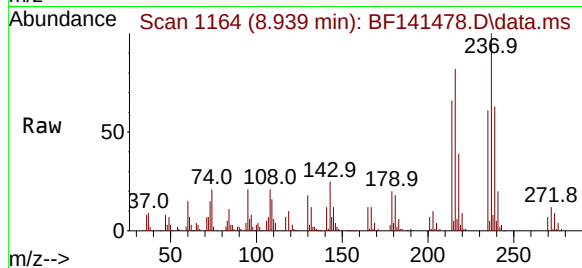




#41
Hexachlorocyclopentadiene
Concen: 66.819 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

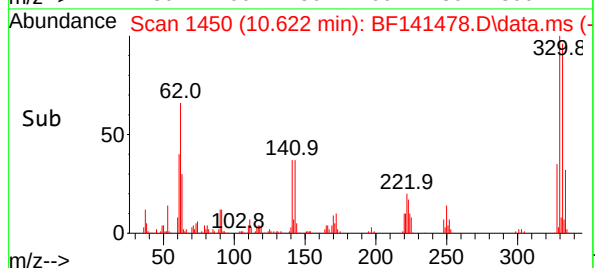
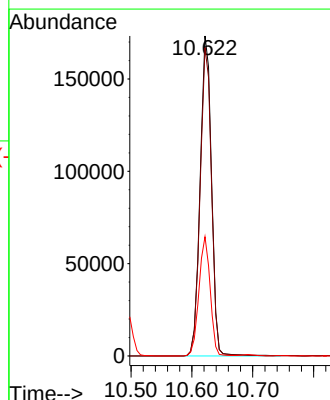
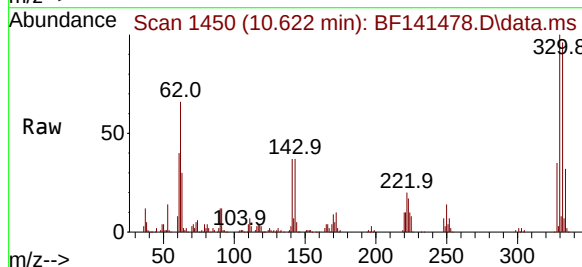
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

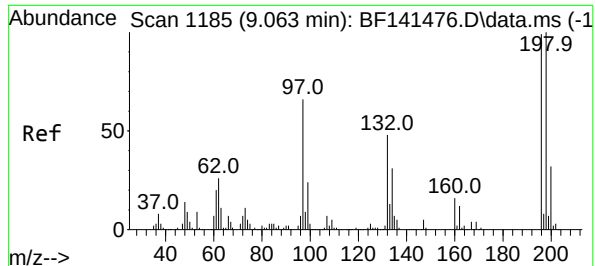
Tgt Ion:237 Resp: 120063
Ion Ratio Lower Upper
237 100
235 61.5 41.4 81.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 119.976 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.005 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:330 Resp: 225049
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 36.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 60.632 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141478.D

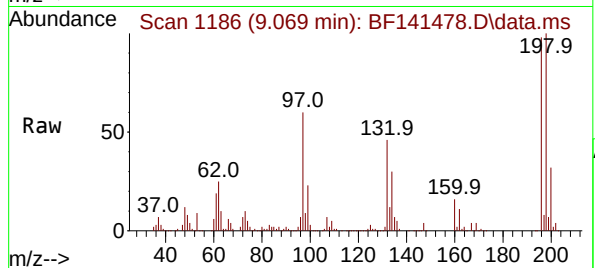
Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



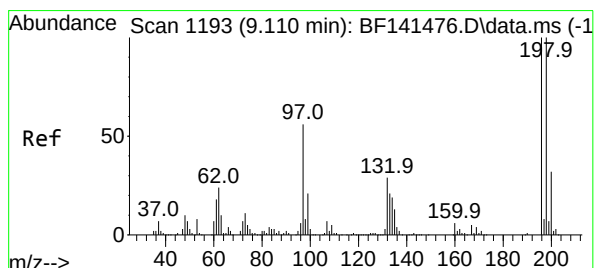
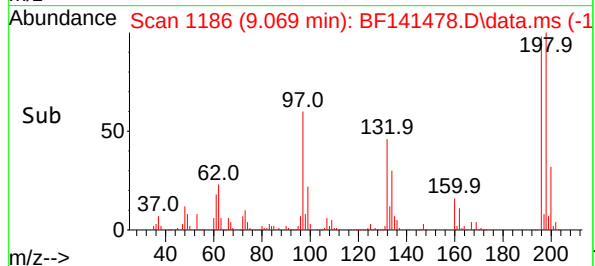
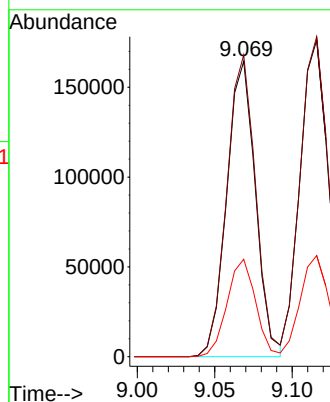
Tgt Ion:196 Resp: 211702

Ion Ratio Lower Upper

196 100

198 102.2 80.6 121.0

200 33.0 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 60.519 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion:196 Resp: 229006

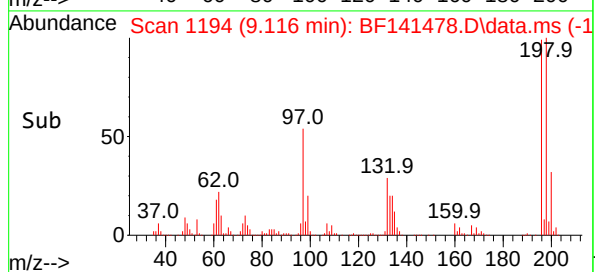
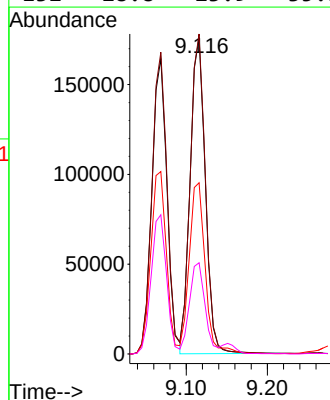
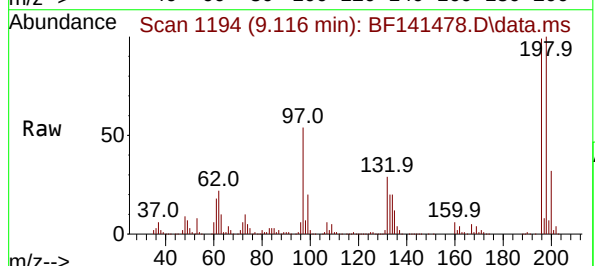
Ion Ratio Lower Upper

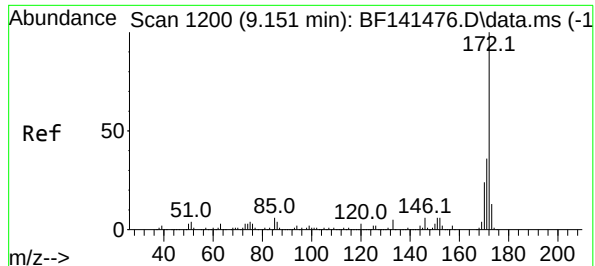
196 100

198 101.1 79.8 119.8

97 54.1 44.8 67.2

132 28.8 23.9 35.9

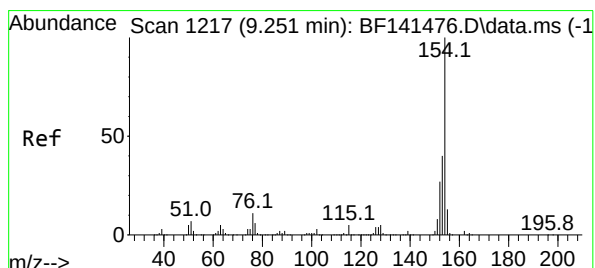
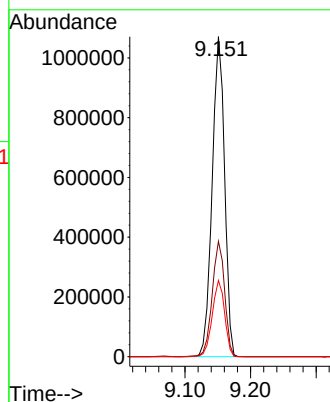
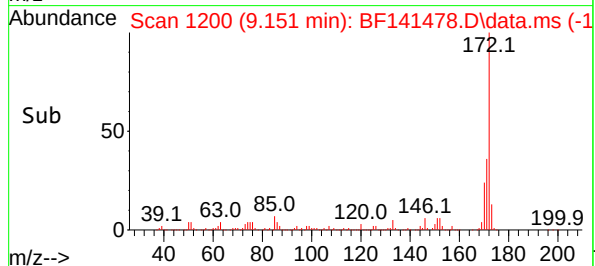
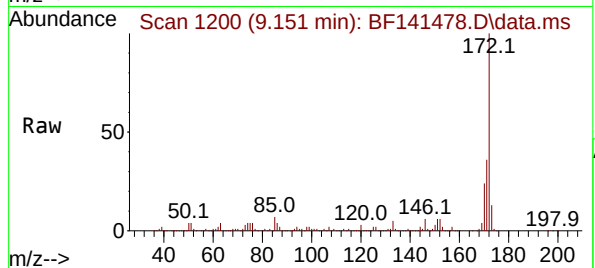




#45
2-Fluorobiphenyl
Concen: 116.358 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

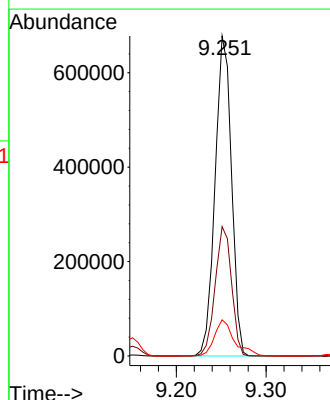
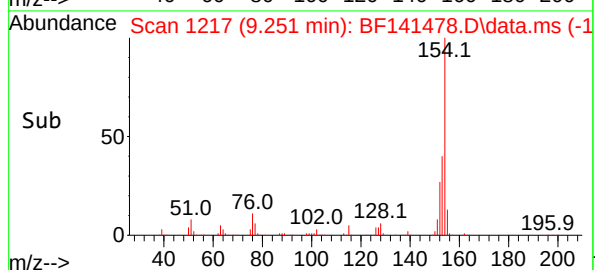
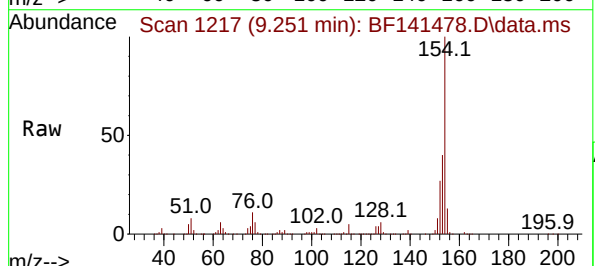
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

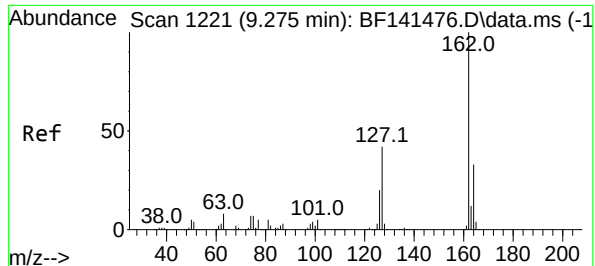
Tgt Ion:172 Resp: 1410277
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 59.479 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:154 Resp: 861067
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 59.459 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

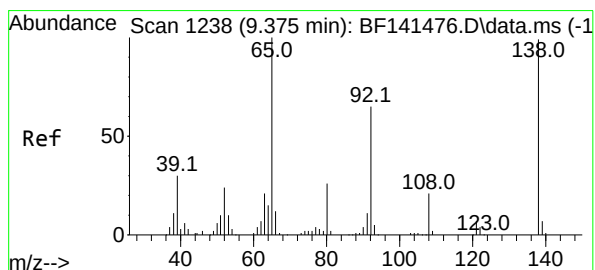
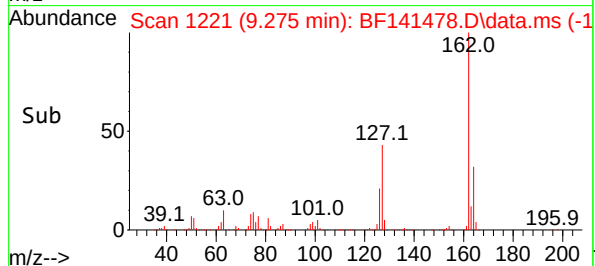
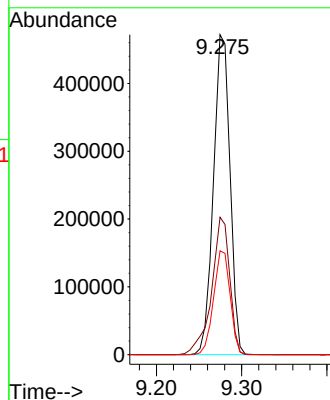
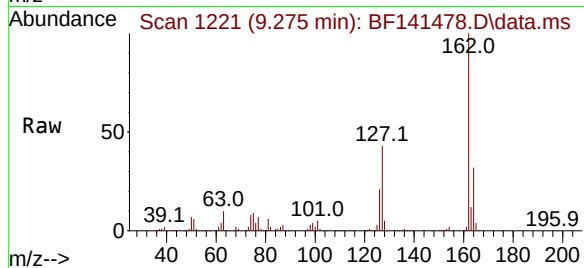
Tgt Ion:162 Resp: 636511

Ion Ratio Lower Upper

162 100

127 43.0 34.1 51.1

164 32.5 26.3 39.5



#48

2-Nitroaniline

Concen: 62.547 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

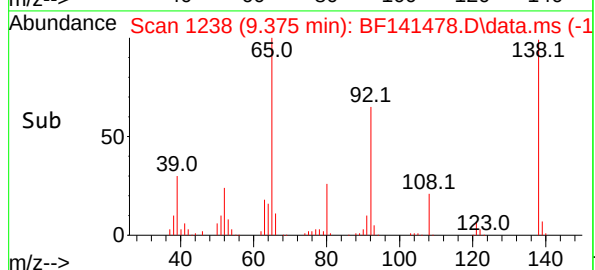
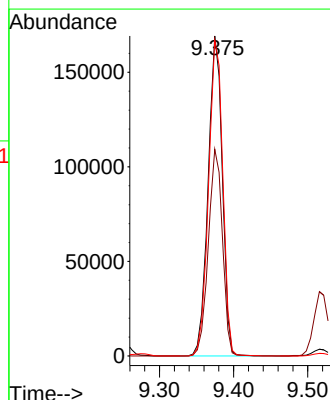
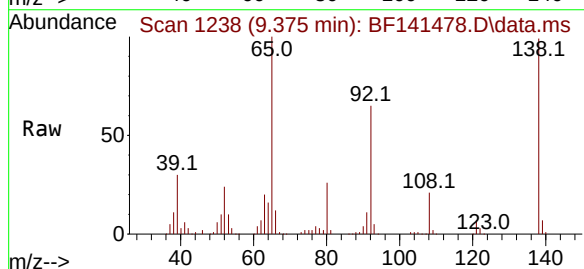
Tgt Ion: 65 Resp: 224709

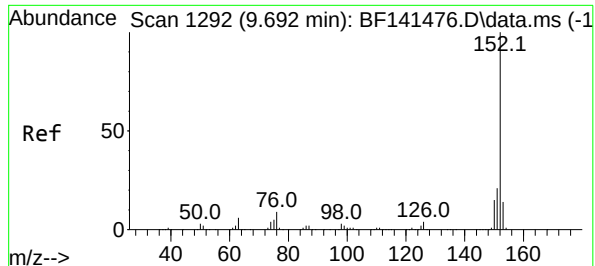
Ion Ratio Lower Upper

65 100

92 64.6 52.2 78.2

138 98.7 79.5 119.3





#49

Acenaphthylene

Concen: 59.436 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

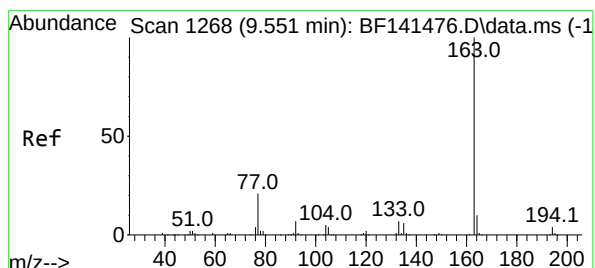
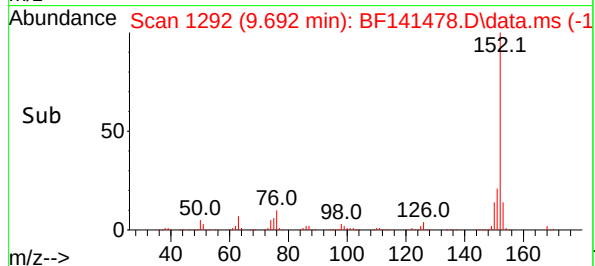
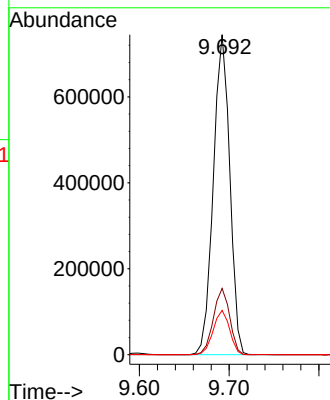
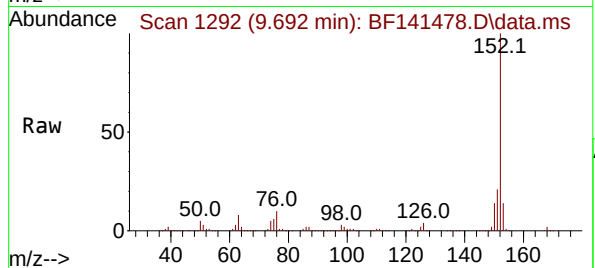
Tgt Ion:152 Resp: 946382

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 59.253 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

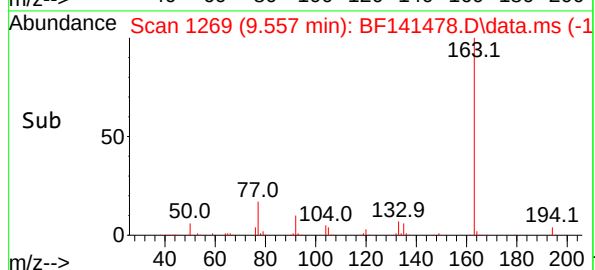
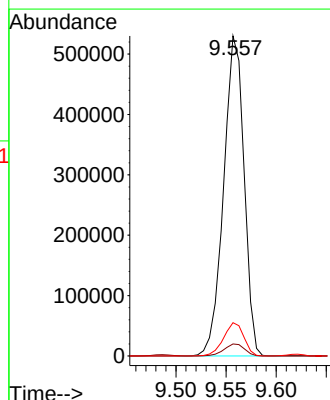
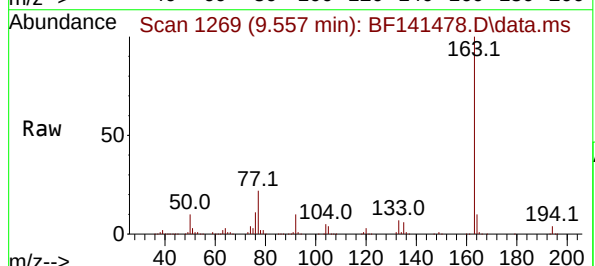
Tgt Ion:163 Resp: 751128

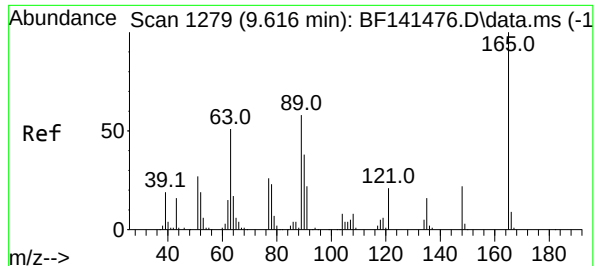
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.4 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 60.403 ng

RT: 9.622 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

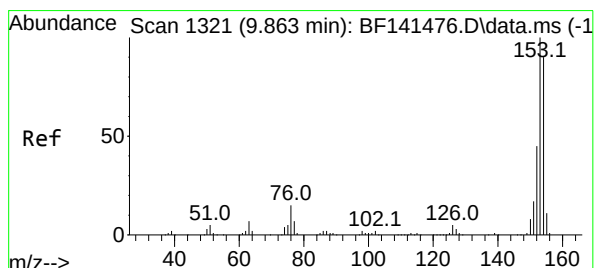
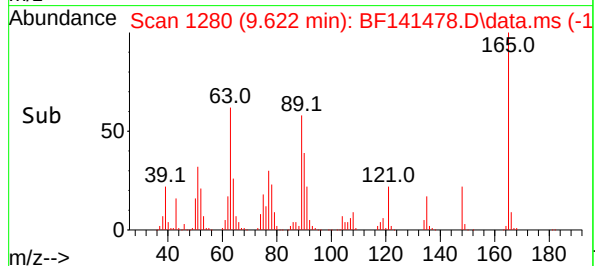
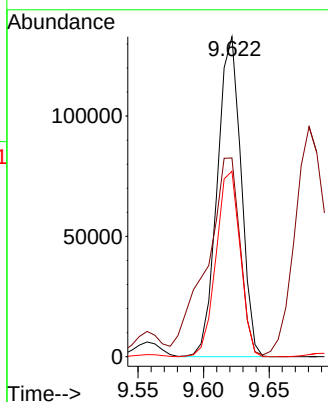
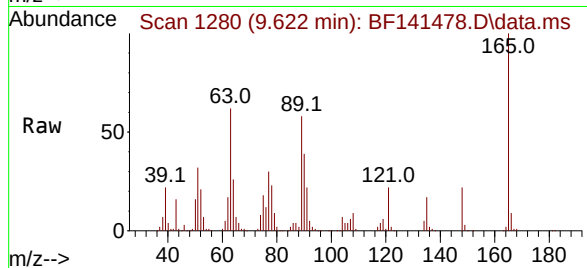
Tgt Ion:165 Resp: 167387

Ion Ratio Lower Upper

165 100

63 62.1 49.4 74.0

89 58.0 46.5 69.7



#52

Acenaphthene

Concen: 58.974 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

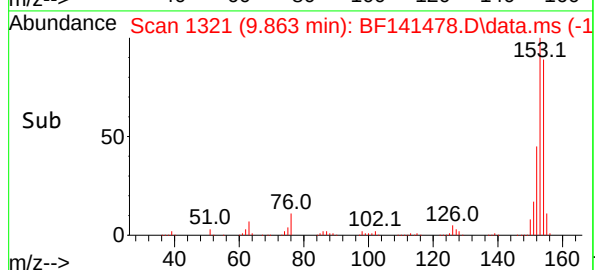
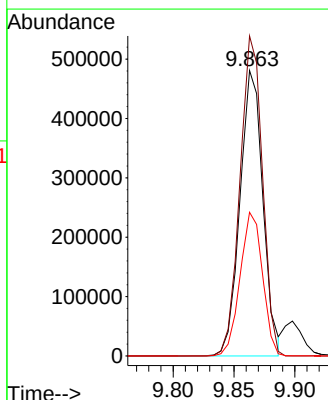
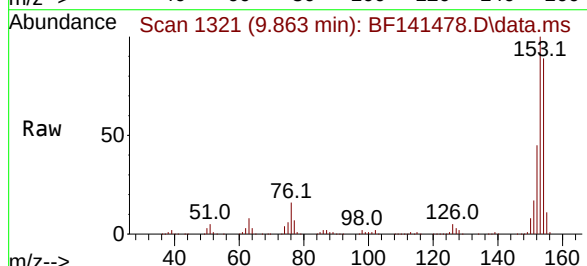
Tgt Ion:154 Resp: 631289

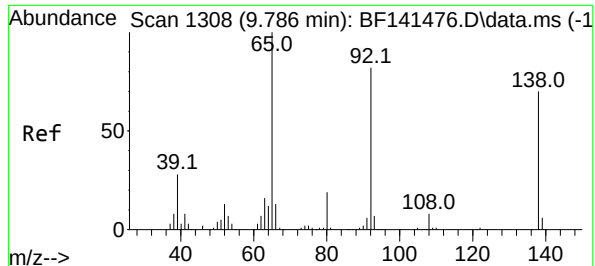
Ion Ratio Lower Upper

154 100

153 112.1 89.2 133.8

152 50.3 39.8 59.8

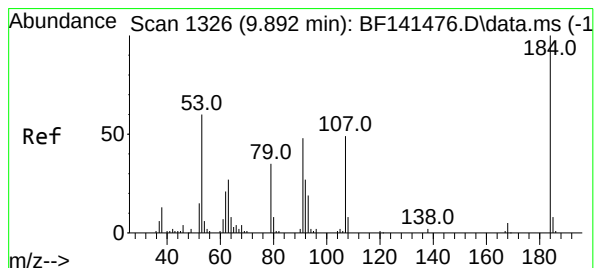
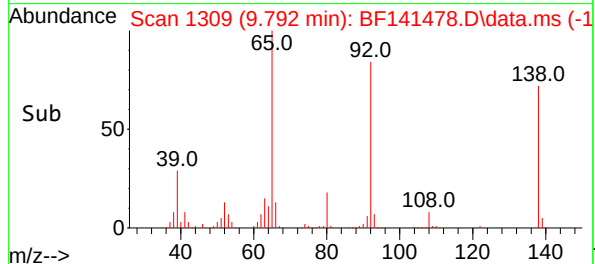
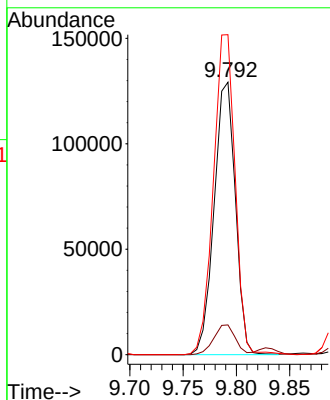
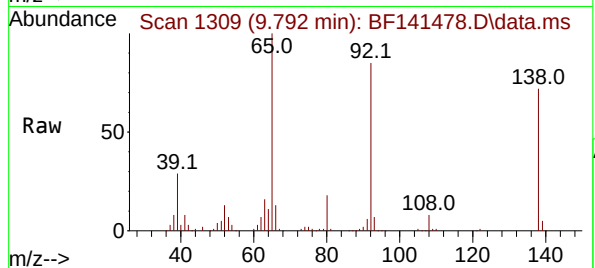




#53
3-Nitroaniline
Concen: 60.237 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

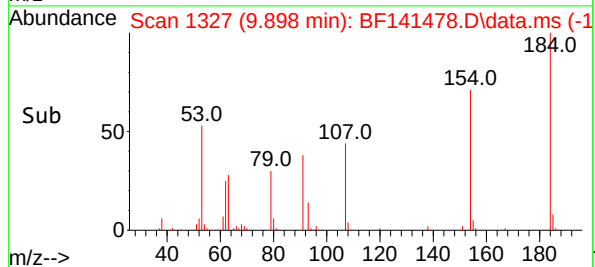
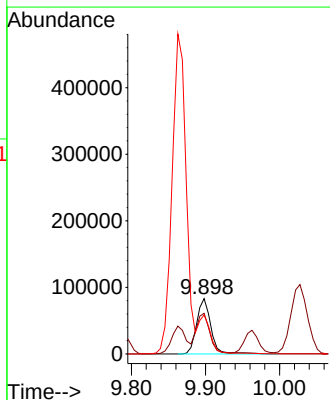
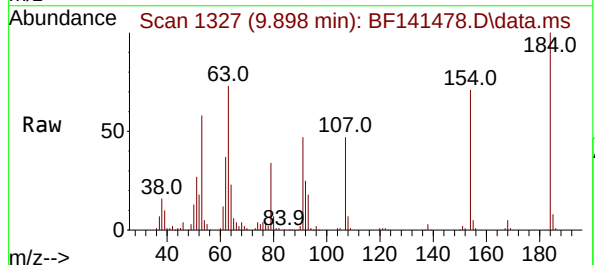
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

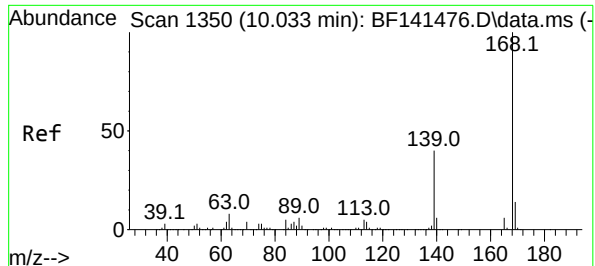
Tgt Ion:138 Resp: 179664
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 117.5 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 67.432 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:184 Resp: 111060
Ion Ratio Lower Upper
184 100
63 73.3 61.0 91.6
154 70.6 59.9 89.9





#55

Dibenzenofuran

Concen: 58.242 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

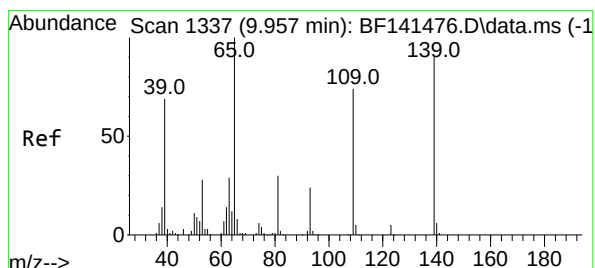
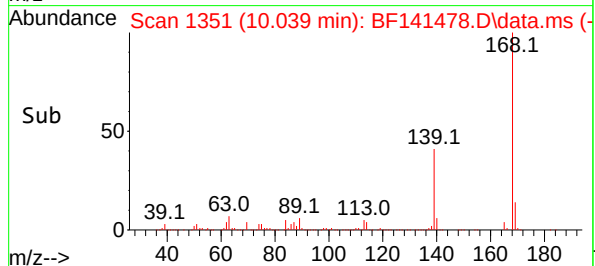
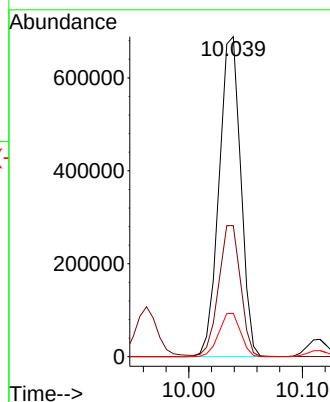
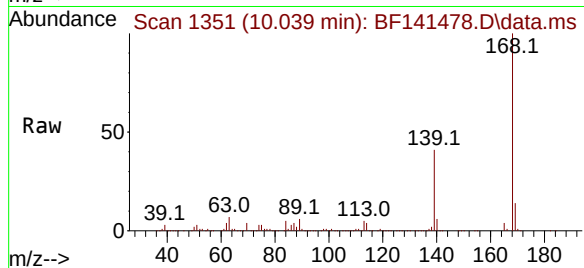
Tgt Ion:168 Resp: 915117

Ion Ratio Lower Upper

168 100

139 41.0 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 65.035 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

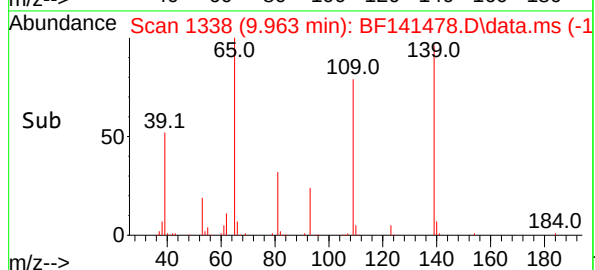
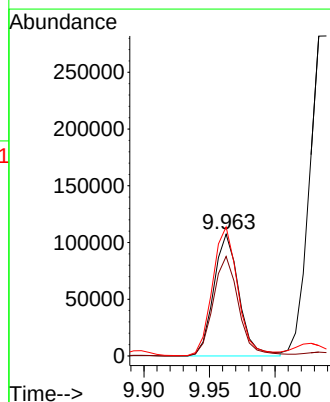
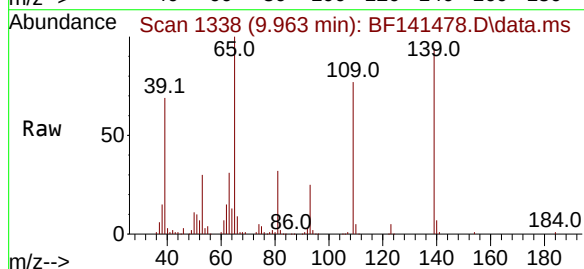
Tgt Ion:139 Resp: 143994

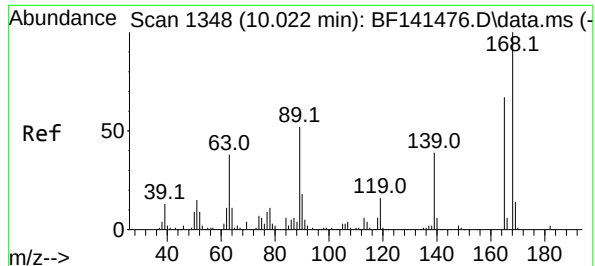
Ion Ratio Lower Upper

139 100

109 81.7 62.0 102.0

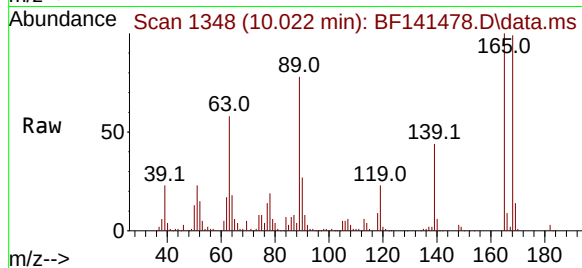
65 106.0 91.2 131.2



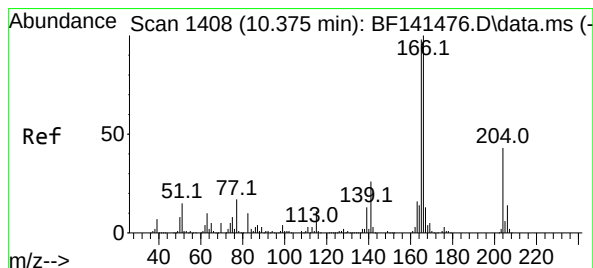
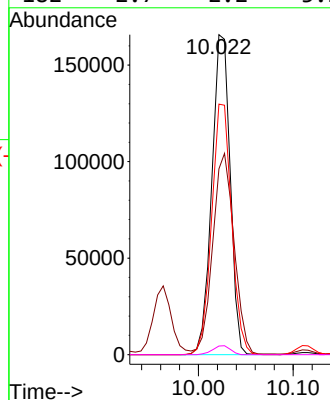
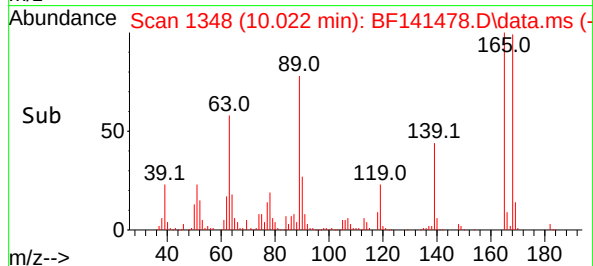


#57
2,4-Dinitrotoluene
Concen: 60.202 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

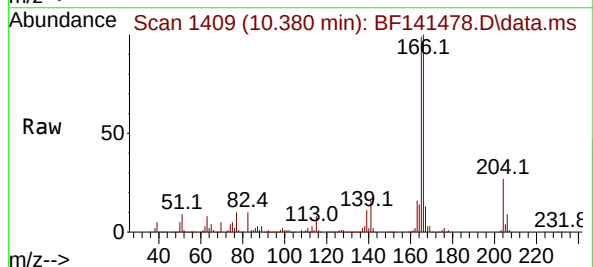
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



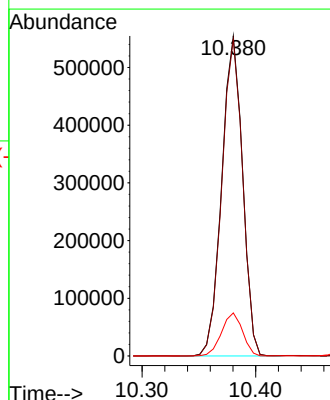
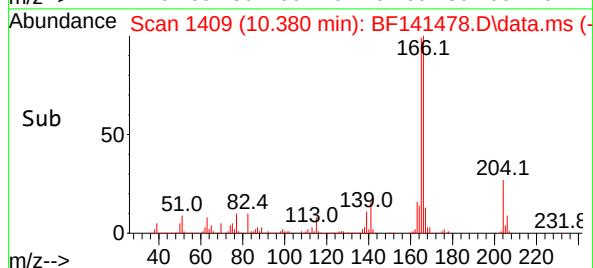
Tgt Ion:165 Resp: 222091
Ion Ratio Lower Upper
165 100
63 58.1 46.4 69.6
89 78.3 61.8 92.6
182 2.7 2.2 3.2

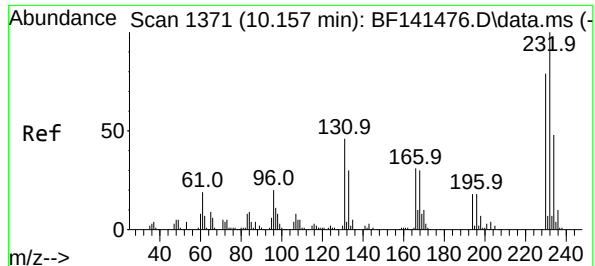


#58
Fluorene
Concen: 58.225 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47



Tgt Ion:166 Resp: 707371
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 13.5 10.7 16.1

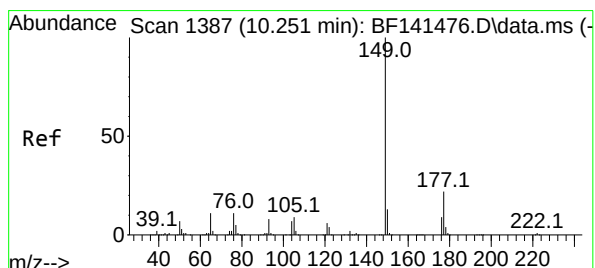
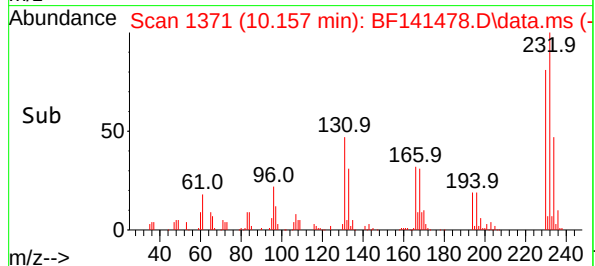
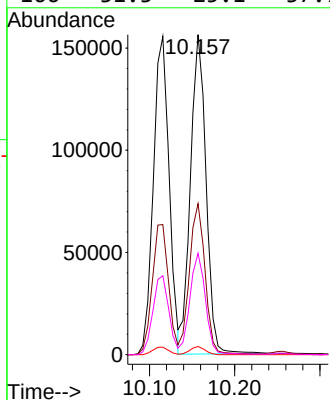
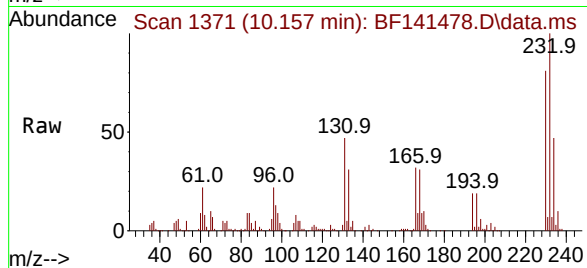




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.972 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

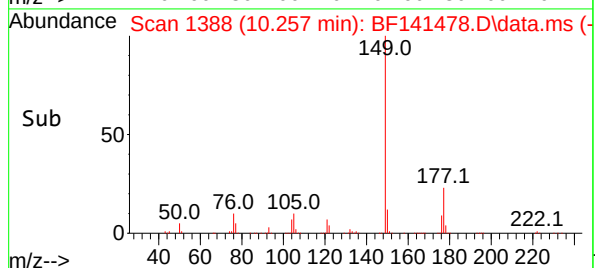
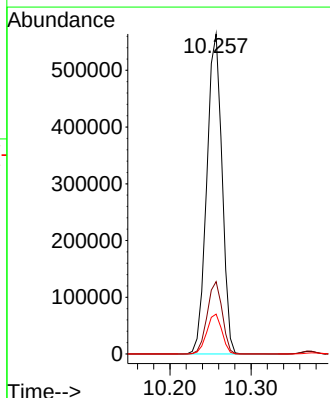
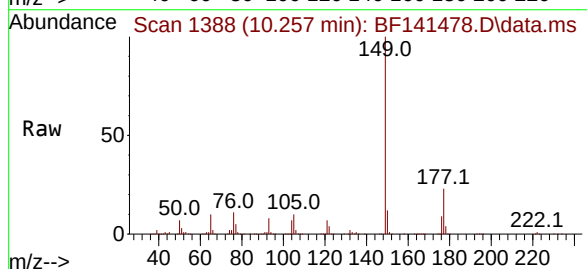
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

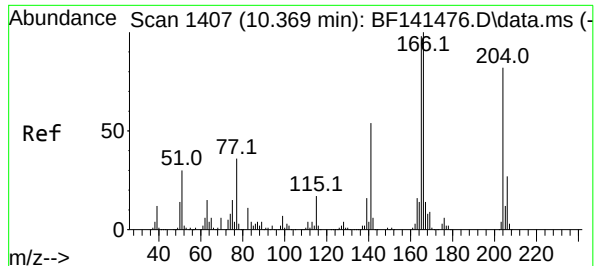
Tgt Ion:232 Resp: 198636
Ion Ratio Lower Upper
232 100
131 47.8 39.2 58.8
130 2.5 2.1 3.1
166 31.3 25.1 37.7



#60
Diethylphthalate
Concen: 58.755 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:149 Resp: 732804
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.5 10.1 15.1

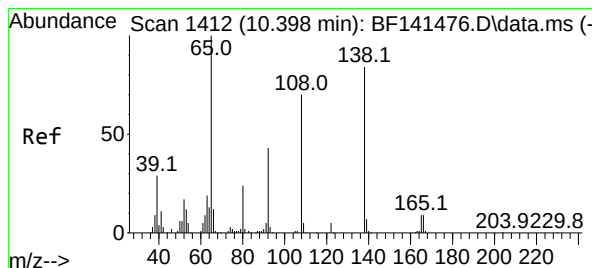
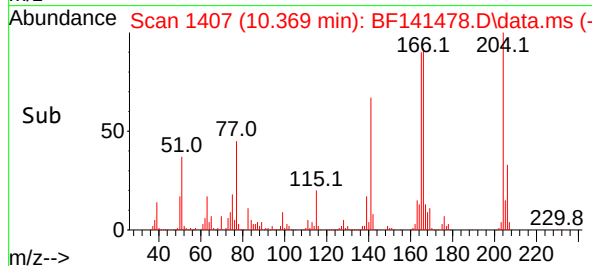
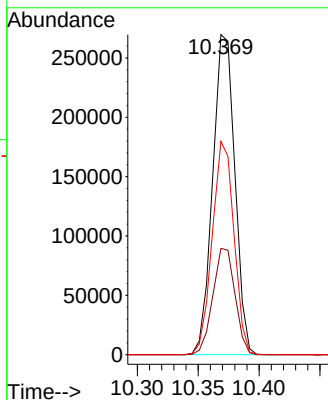
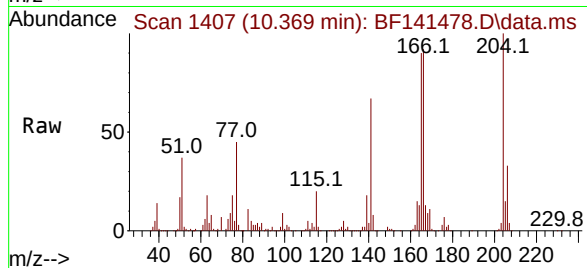




#61
4-Chlorophenyl-phenylether
Concen: 58.570 ng
RT: 10.369 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

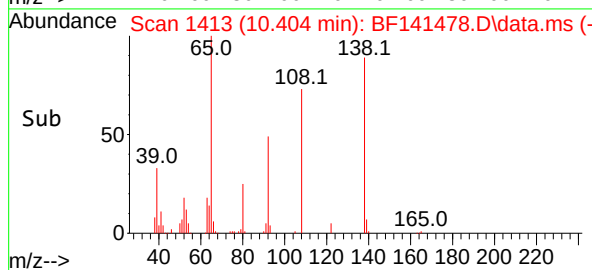
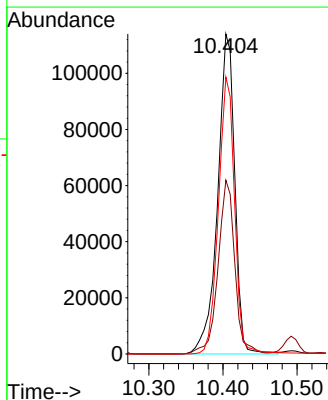
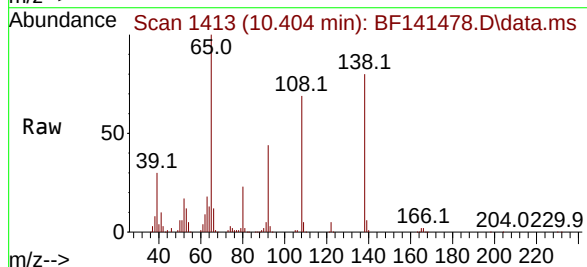
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

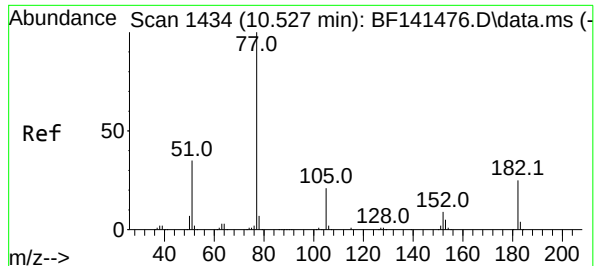
Tgt Ion:204 Resp: 342324
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 66.7 51.9 77.9



#62
4-Nitroaniline
Concen: 60.406 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:138 Resp: 182946
Ion Ratio Lower Upper
138 100
92 54.3 31.3 71.3
108 86.6 63.7 103.7

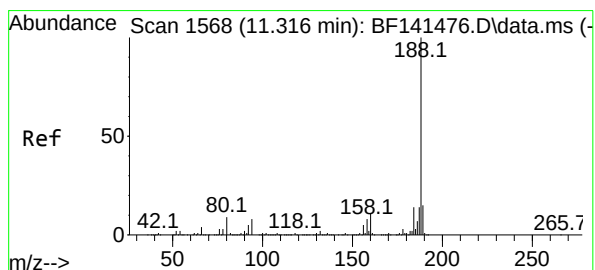
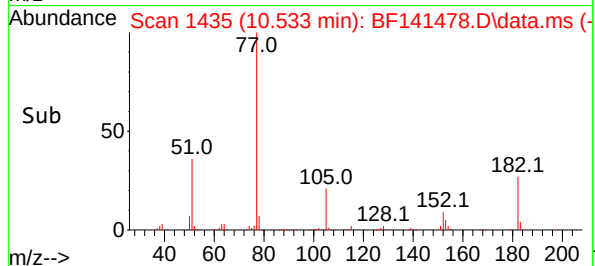
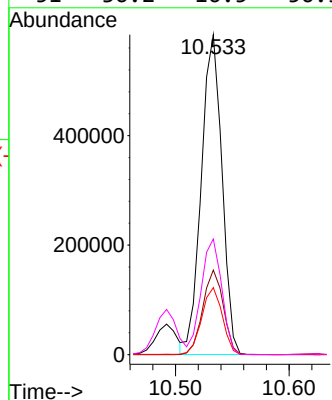
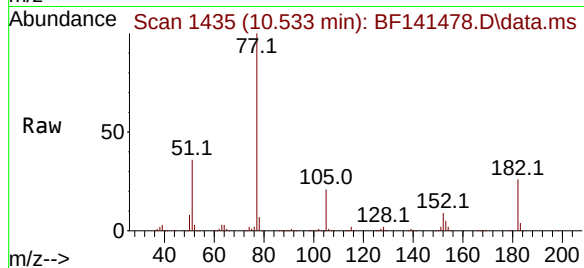




#63
Azobenzene
Concen: 59.629 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

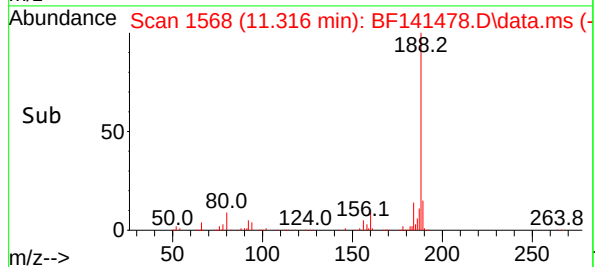
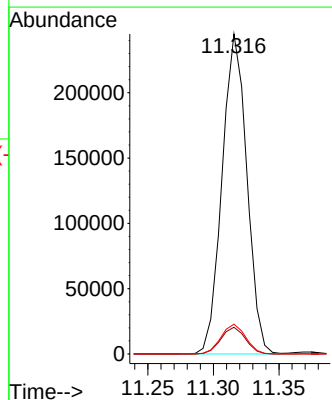
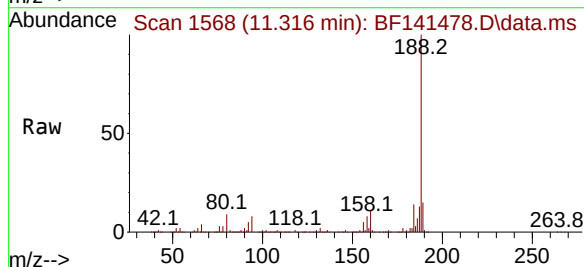
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

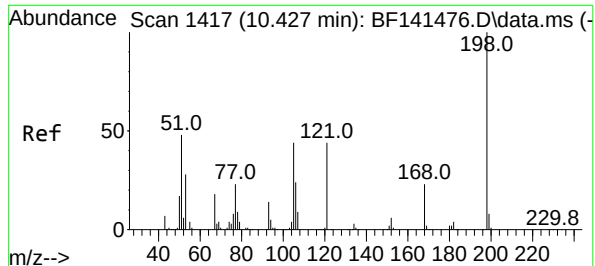
Tgt Ion: 77 Resp: 739338
Ion Ratio Lower Upper
77 100
182 26.5 4.7 44.7
105 21.0 0.4 40.4
51 36.2 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 188 Resp: 321893
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.3 7.3 10.9

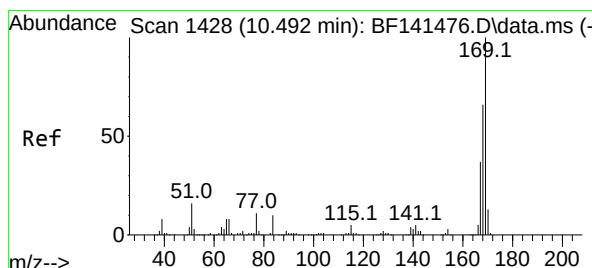
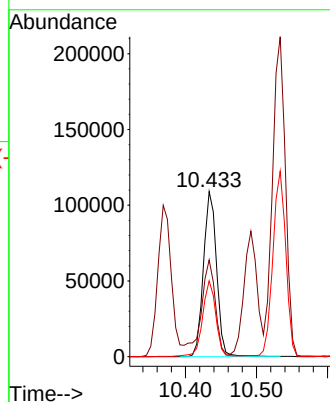
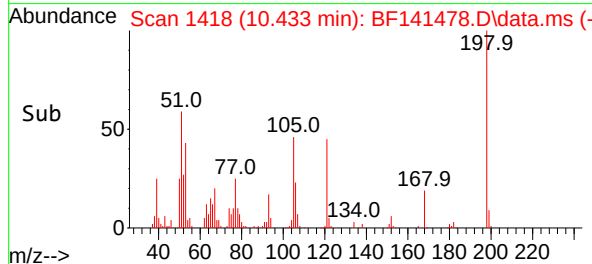
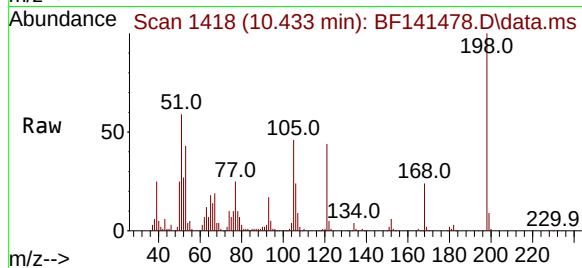




#65
4,6-Dinitro-2-methylphenol
Concen: 62.884 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

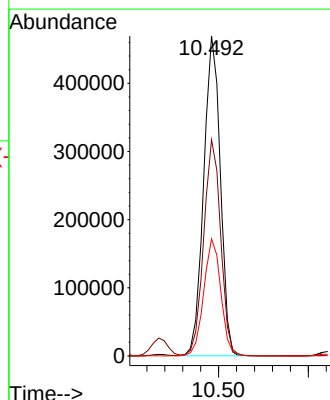
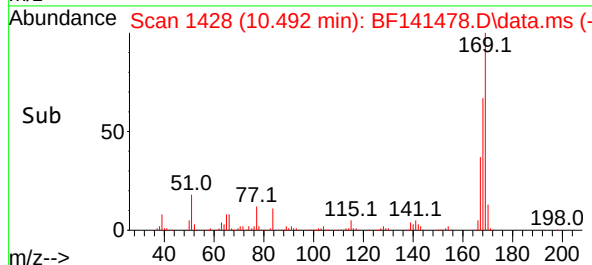
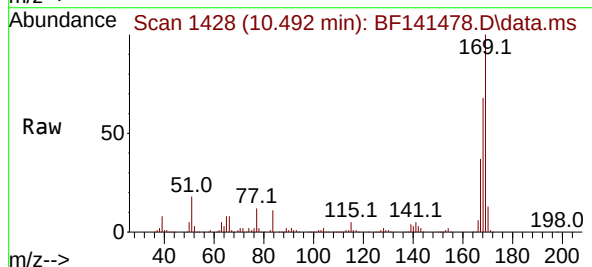
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

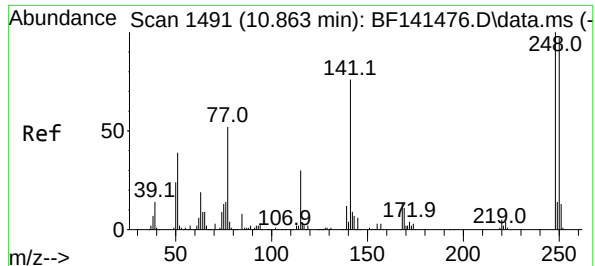
Tgt Ion:198 Resp: 140610
Ion Ratio Lower Upper
198 100
51 58.6 37.4 77.4
105 46.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 58.609 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:169 Resp: 603914
Ion Ratio Lower Upper
169 100
168 67.6 53.3 79.9
167 36.6 29.4 44.2

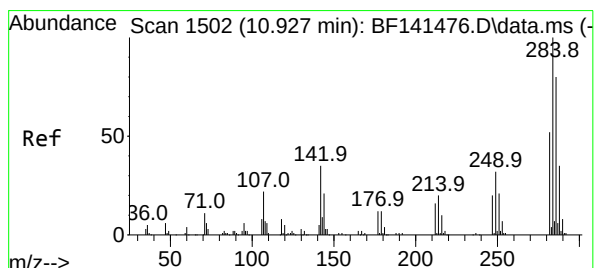
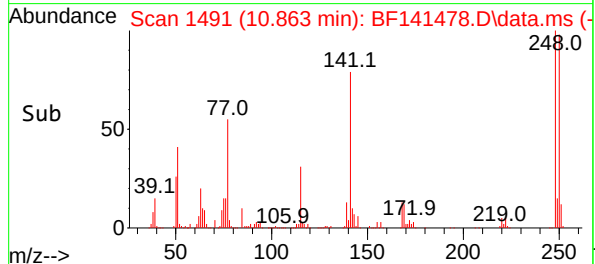
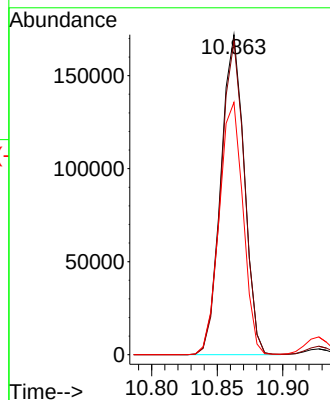
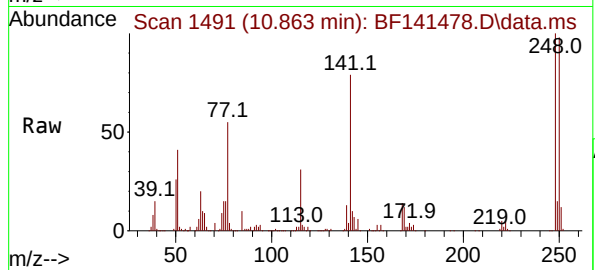




#67
4-Bromophenyl-phenylether
Concen: 59.314 ng
RT: 10.863 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

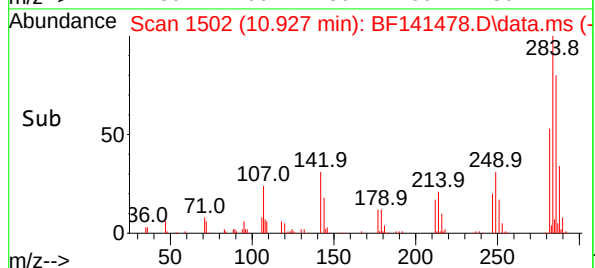
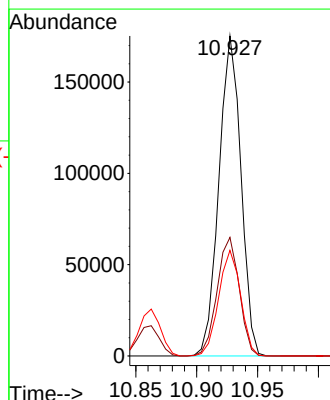
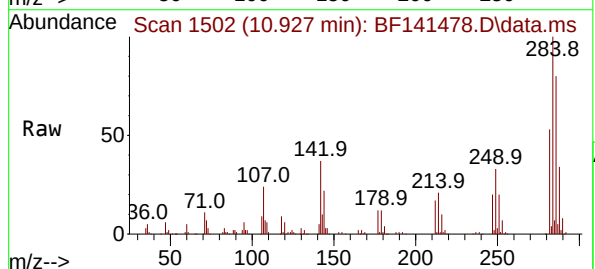
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

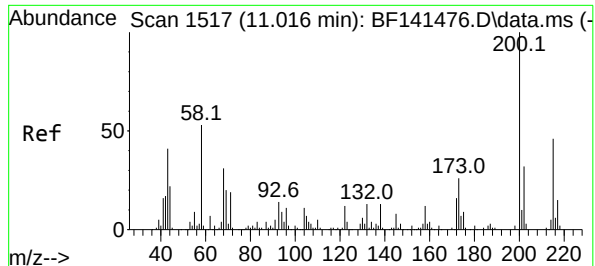
Tgt Ion:248 Resp: 213385
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.6
141 78.9 60.6 90.8



#68
Hexachlorobenzene
Concen: 59.552 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:284 Resp: 220611
Ion Ratio Lower Upper
284 100
142 37.0 28.0 42.0
249 33.0 25.8 38.8

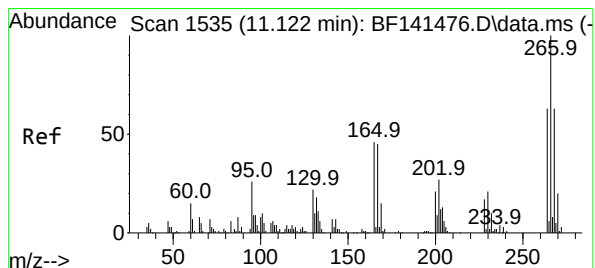
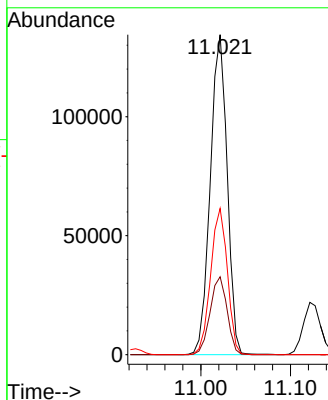
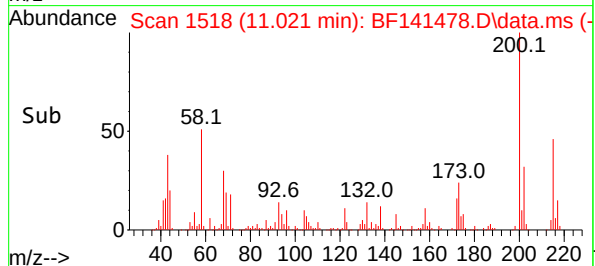
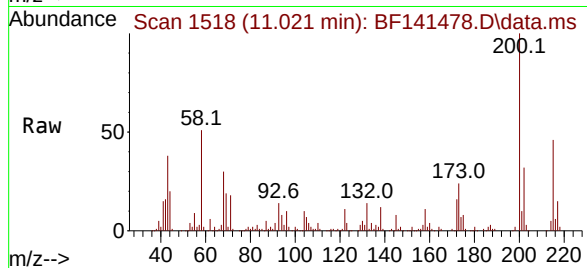




#69
Atrazine
Concen: 56.878 ng
RT: 11.021 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

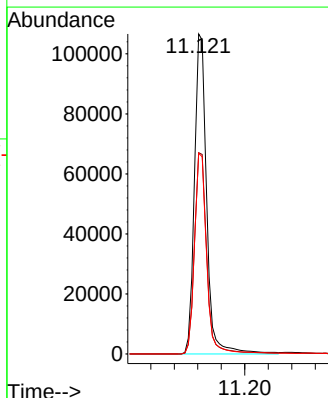
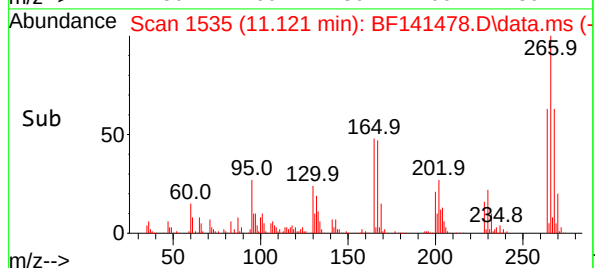
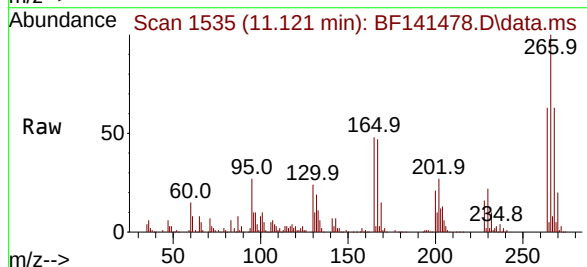
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

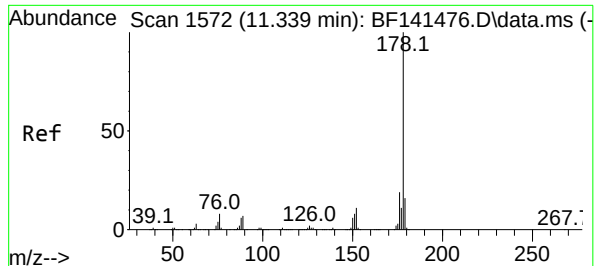
Tgt Ion:200 Resp: 175824
Ion Ratio Lower Upper
200 100
173 24.4 5.9 45.9
215 45.7 25.9 65.9



#70
Pentachlorophenol
Concen: 65.001 ng
RT: 11.121 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:266 Resp: 153971
Ion Ratio Lower Upper
266 100
268 62.9 50.1 75.1
264 62.7 50.1 75.1

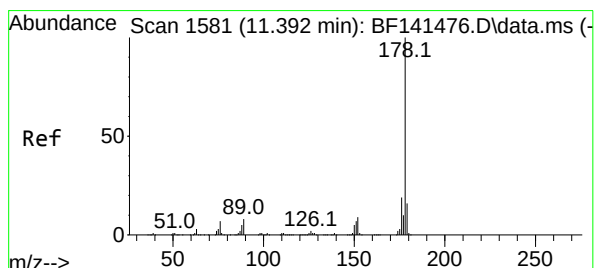
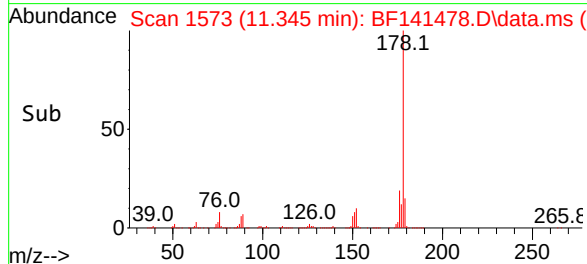
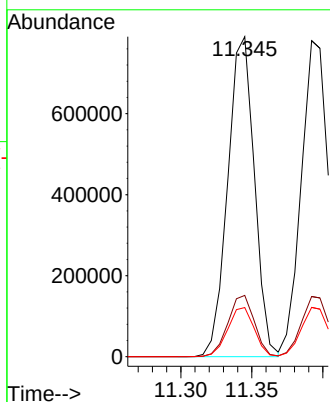
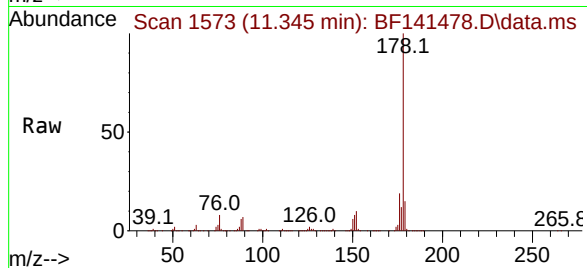




#71
Phenanthrene
Concen: 58.248 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

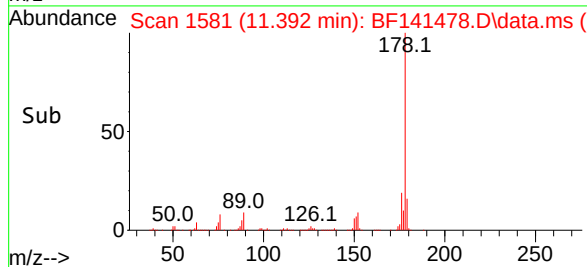
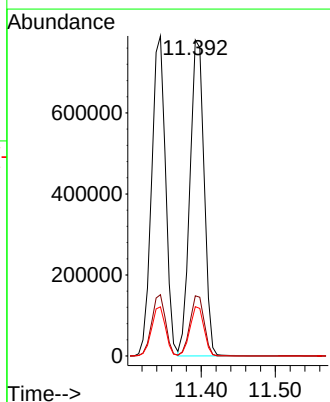
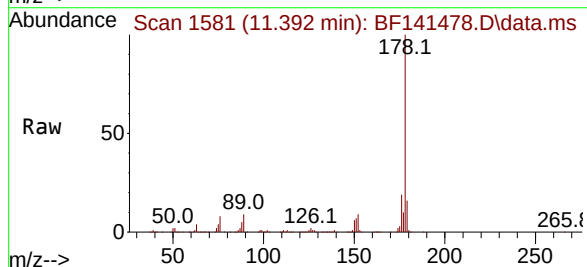
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

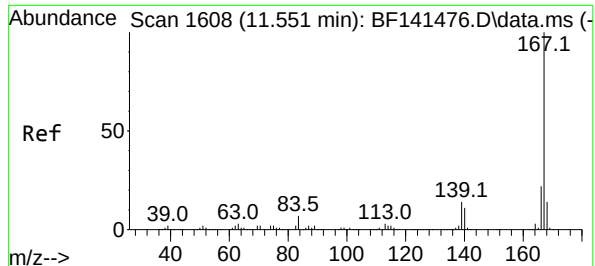
Tgt Ion:178 Resp: 1032075
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 58.062 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:178 Resp: 1034181
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.6 12.4 18.6

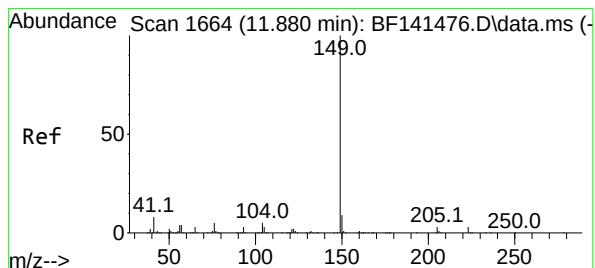
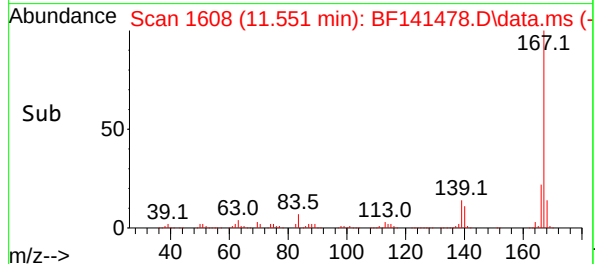
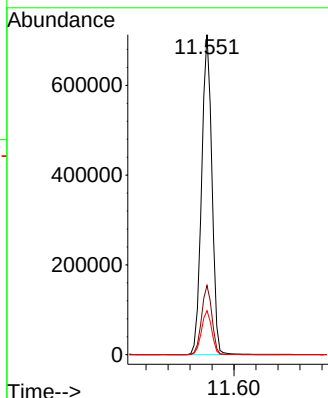
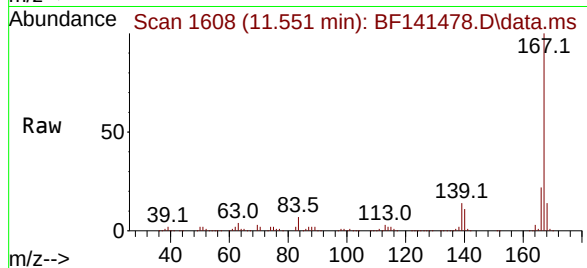




#73
Carbazole
Concen: 57.896 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

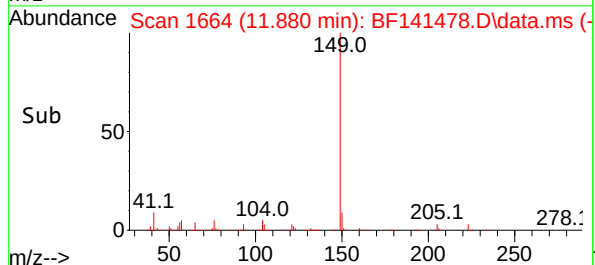
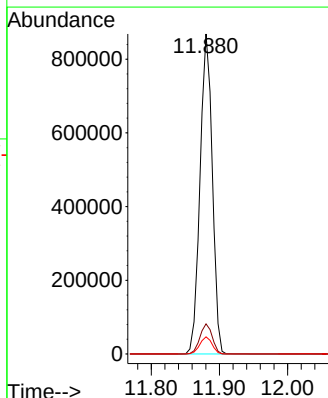
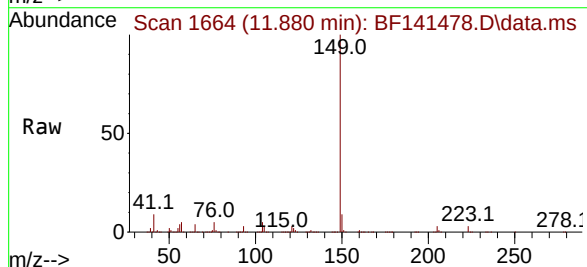
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

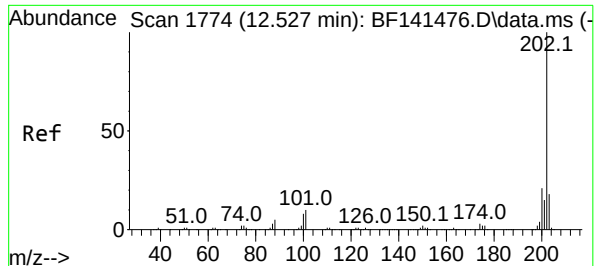
Tgt Ion:167 Resp: 927882
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.7 10.9 16.3



#74
Di-n-butylphthalate
Concen: 58.783 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

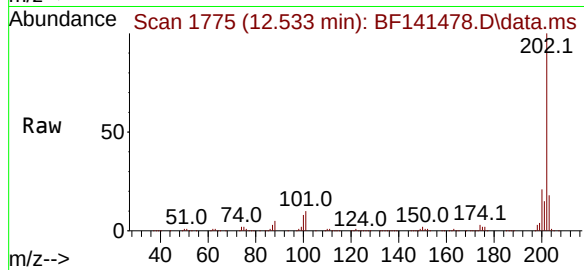
Tgt Ion:149 Resp: 1087815
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.4 4.2 6.2



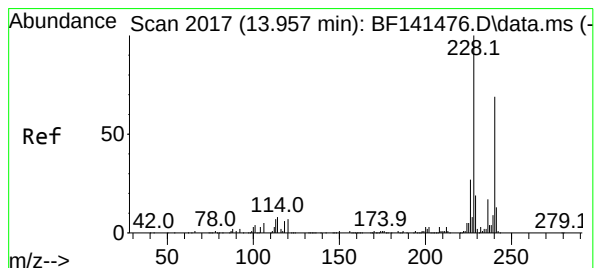
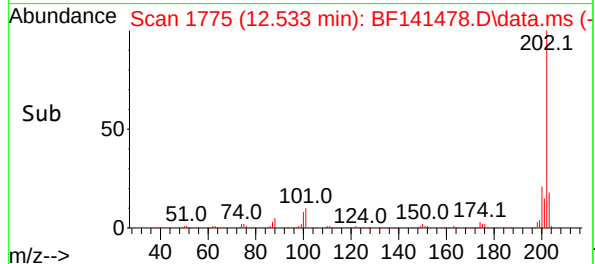
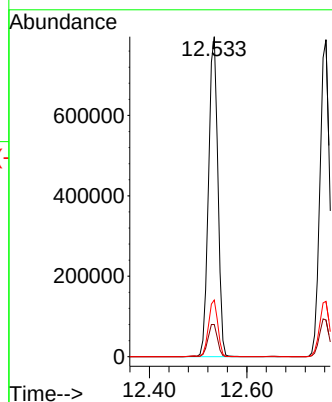


#75
Fluoranthene
Concen: 56.102 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

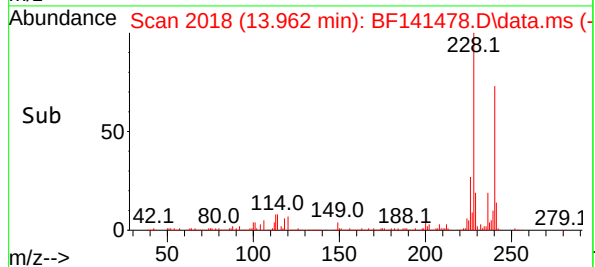
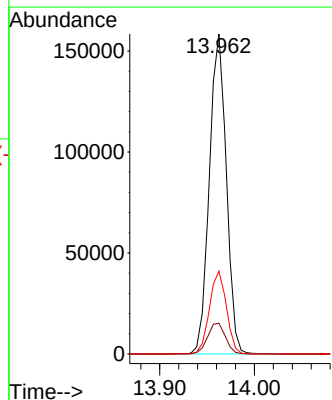
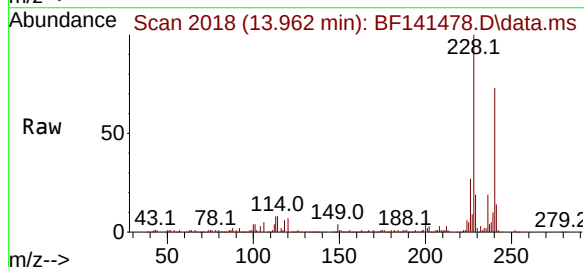


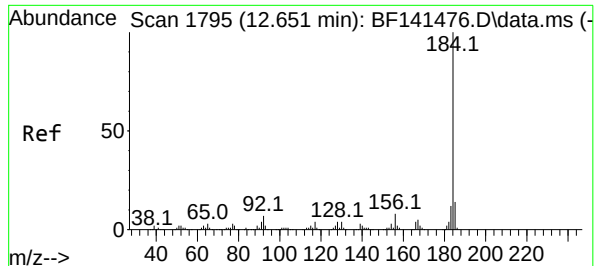
Tgt Ion:202 Resp: 1053887
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:240 Resp: 197108
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.9 19.8 29.8

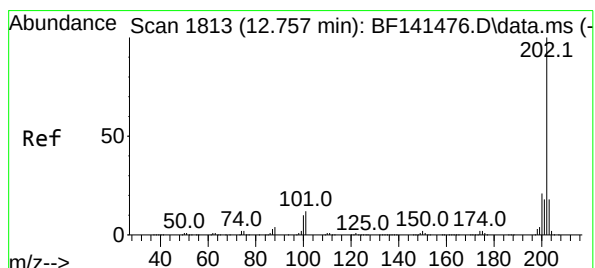
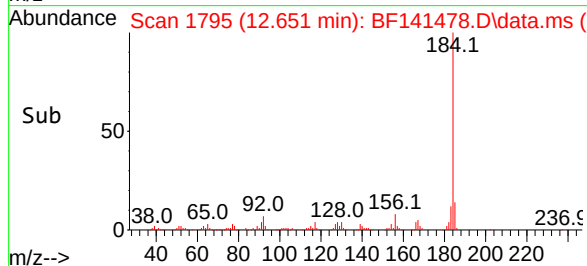
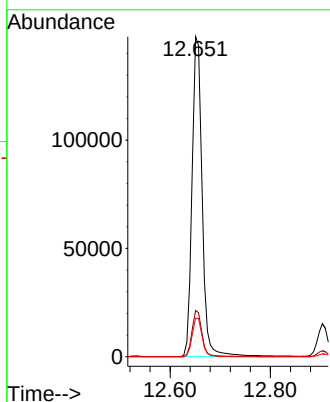
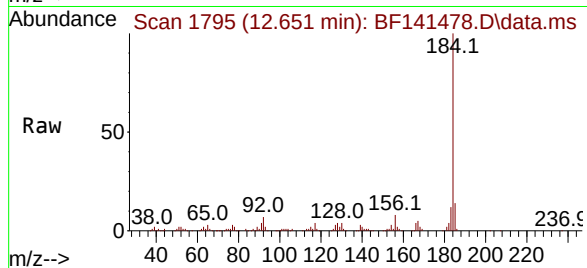




#77
Benzidine
Concen: 47.757 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

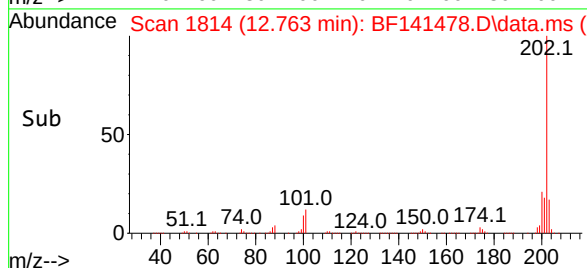
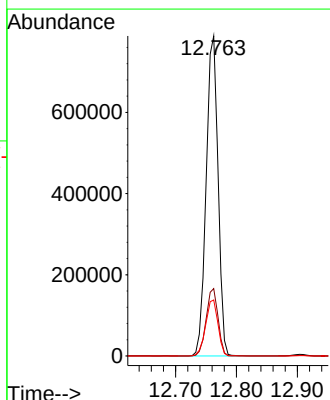
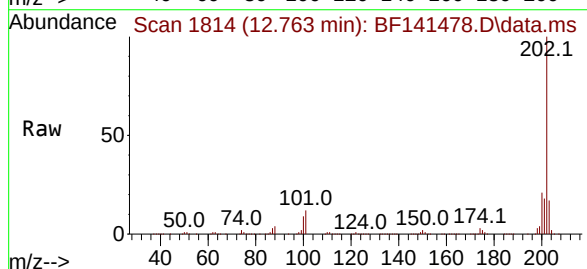
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

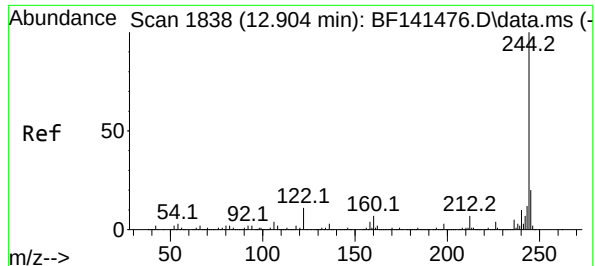
Tgt Ion:184 Resp: 207602
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 63.687 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:202 Resp: 1068624
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 124.977 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

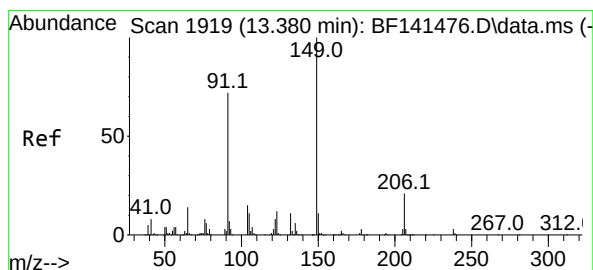
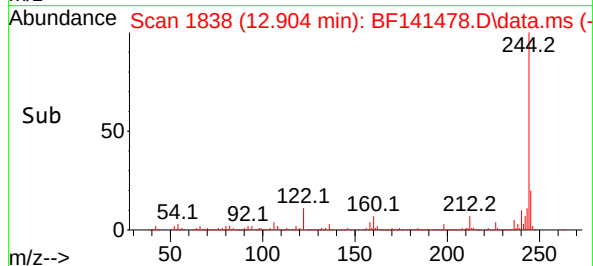
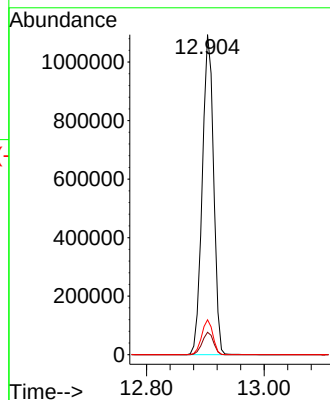
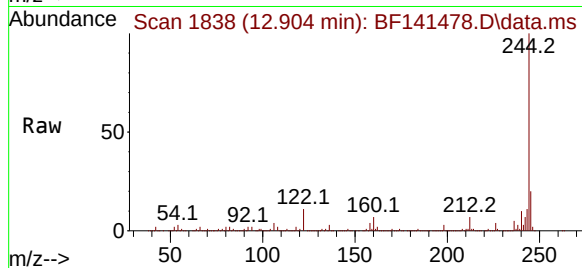
Tgt Ion:244 Resp: 1459213

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.9 8.4 12.6



#80

Butylbenzylphthalate

Concen: 63.357 ng

RT: 13.380 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

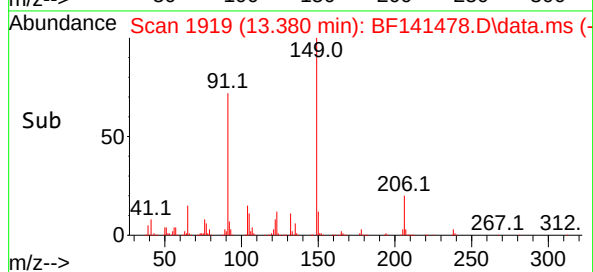
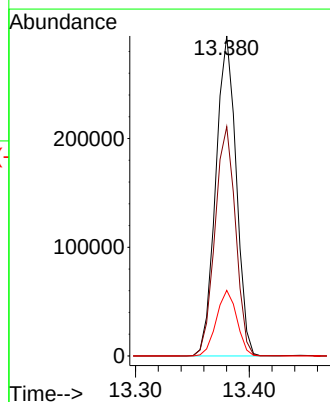
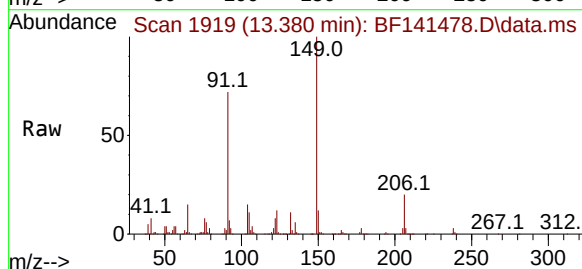
Tgt Ion:149 Resp: 368219

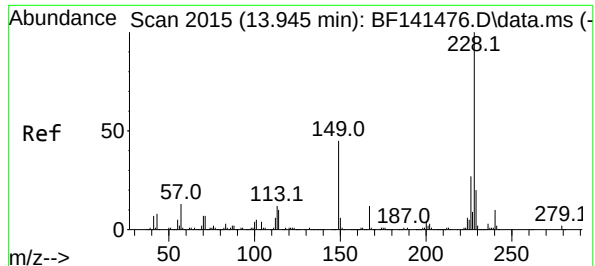
Ion Ratio Lower Upper

149 100

91 71.7 57.8 86.8

206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 59.097 ng

RT: 13.951 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

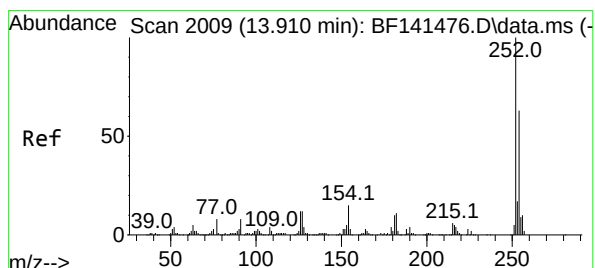
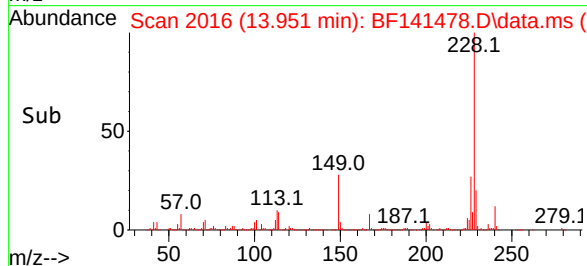
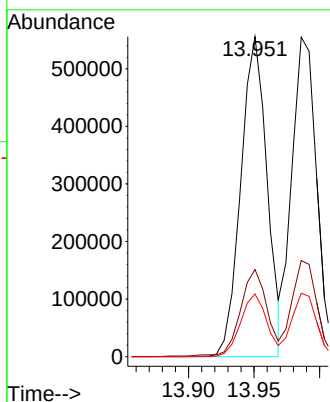
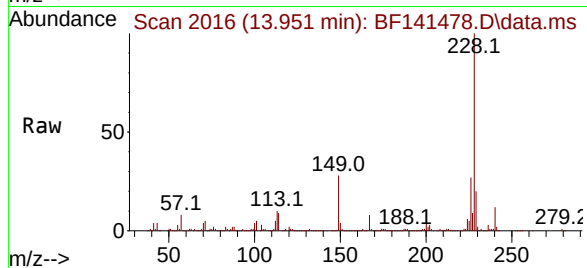
Tgt Ion:228 Resp: 774318

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 55.639 ng

RT: 13.915 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

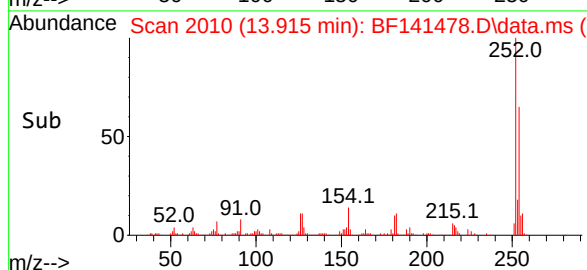
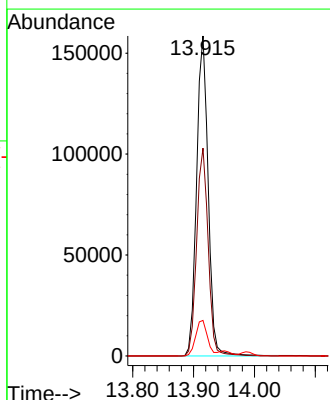
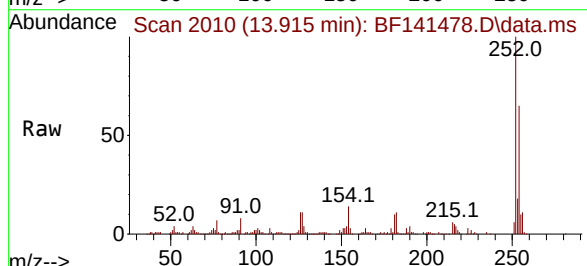
Tgt Ion:252 Resp: 208826

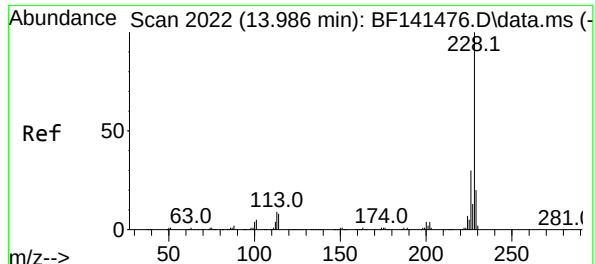
Ion Ratio Lower Upper

252 100

254 65.0 50.6 76.0

126 11.1 9.3 13.9

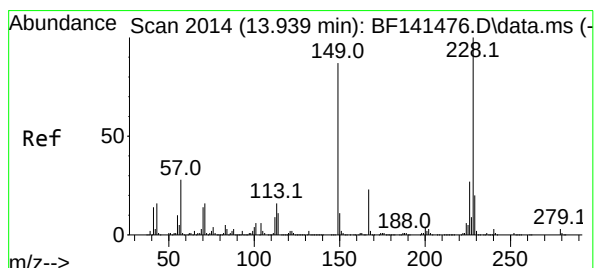
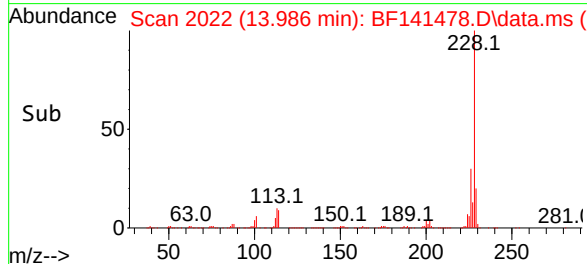
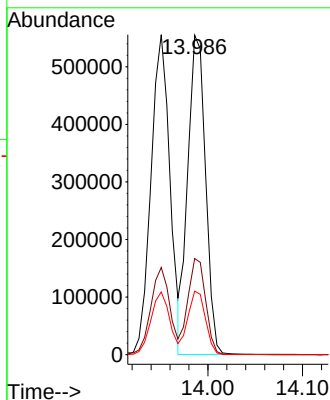
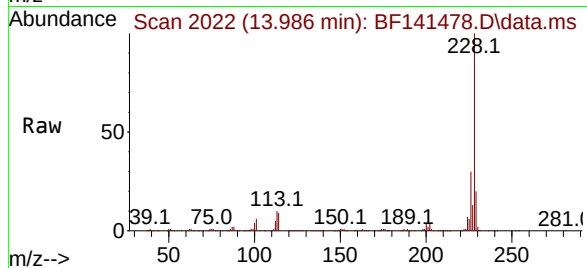




#83
Chrysene
Concen: 59.829 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

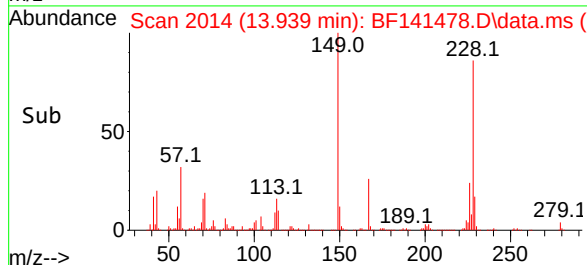
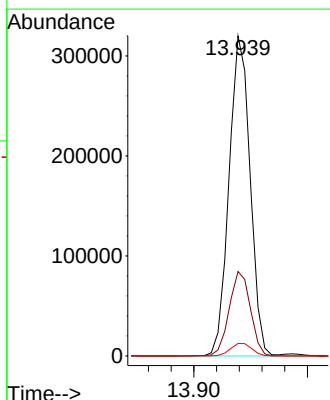
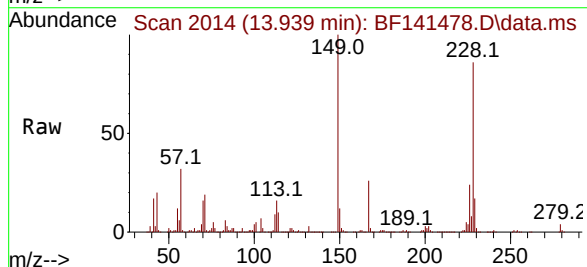
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

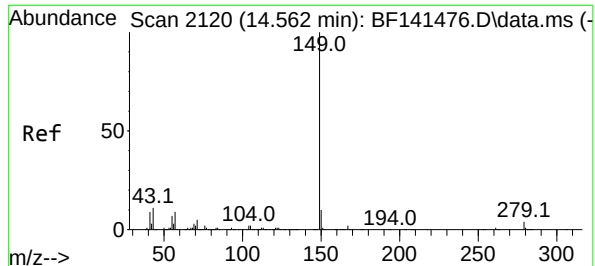
Tgt Ion:228 Resp: 723815
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.9 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.851 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:149 Resp: 411979
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.9 3.1 4.7

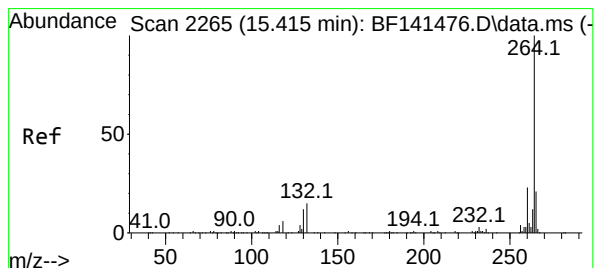
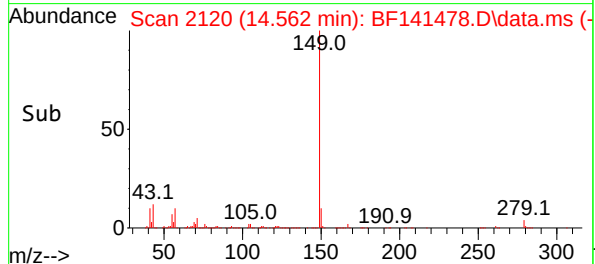
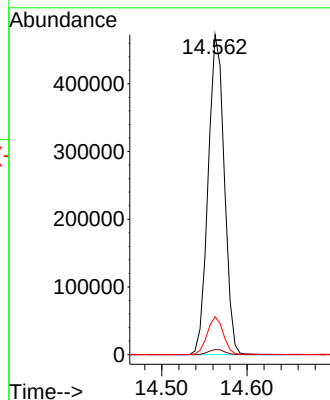
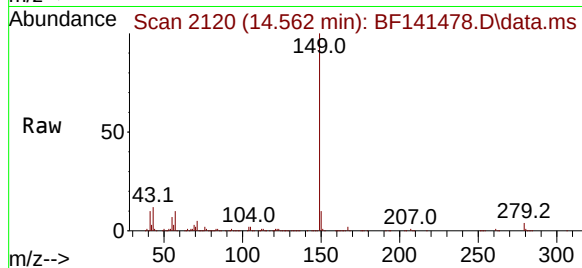




#85
Di-n-octyl phthalate
Concen: 66.464 ng
RT: 14.562 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

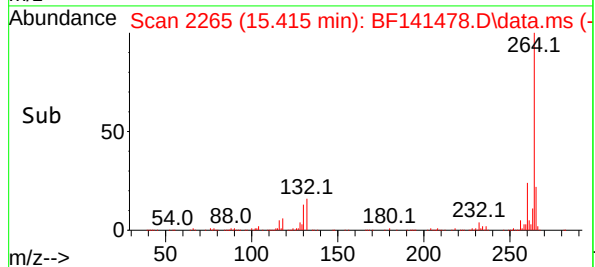
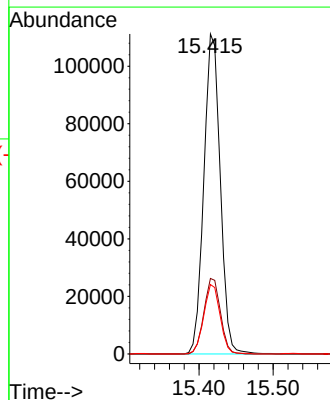
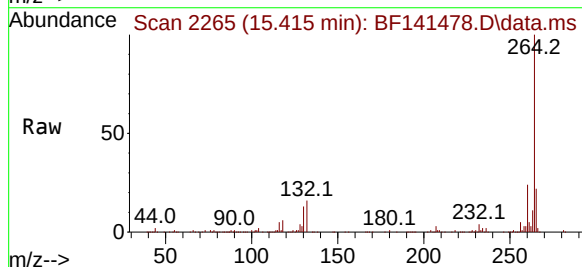
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

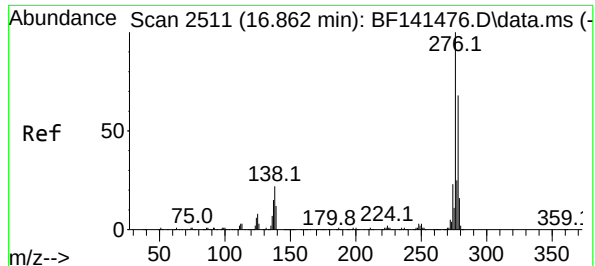
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 68.464 ng

RT: 16.868 min Scan# 2511

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

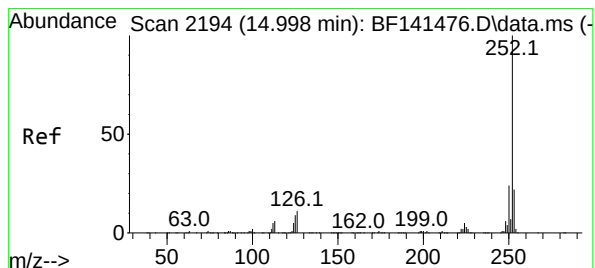
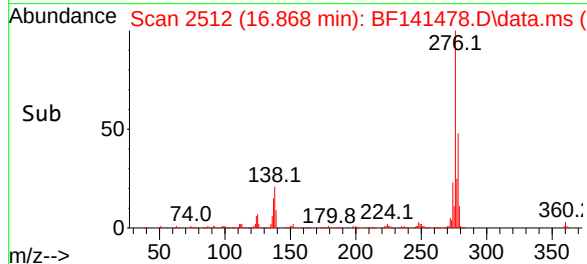
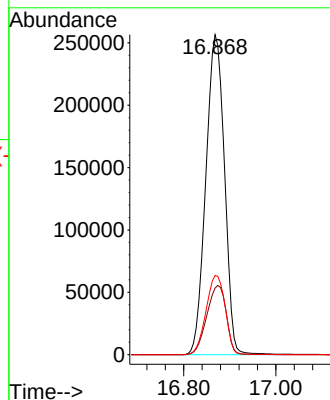
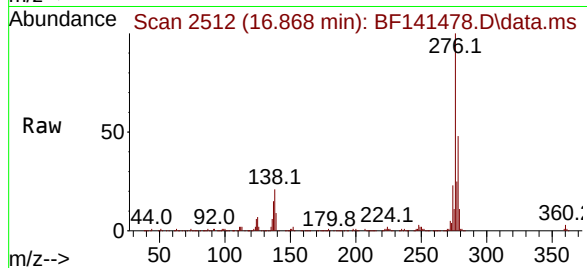
Tgt Ion:276 Resp: 723493

Ion Ratio Lower Upper

276 100

138 22.6 18.0 27.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 60.575 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

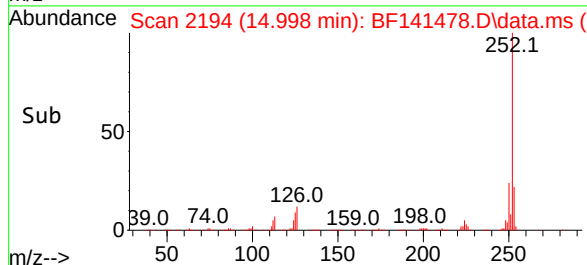
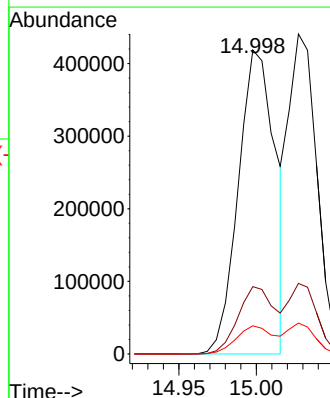
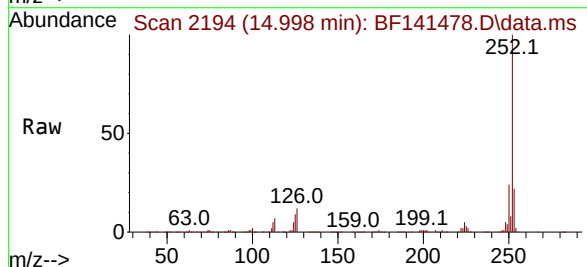
Tgt Ion:252 Resp: 695617

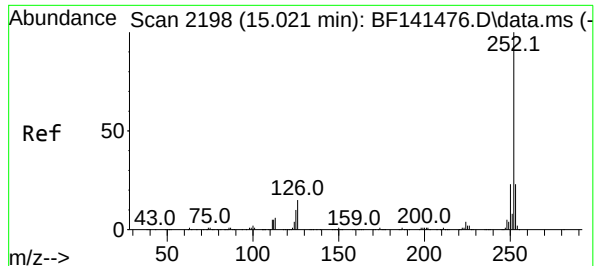
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.3 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 57.449 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

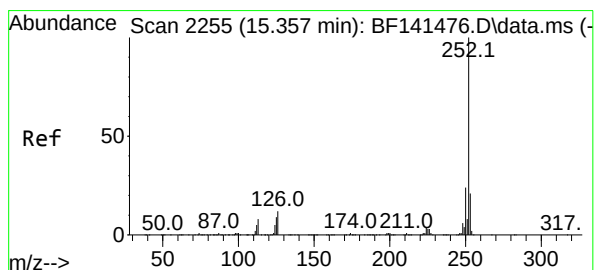
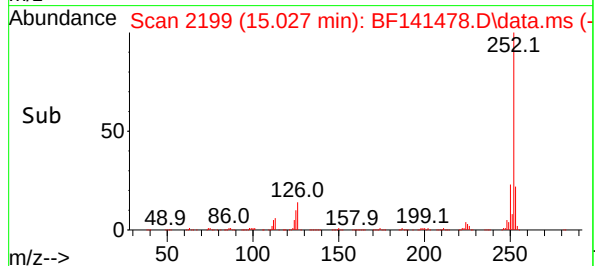
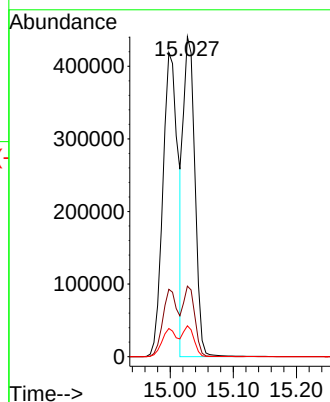
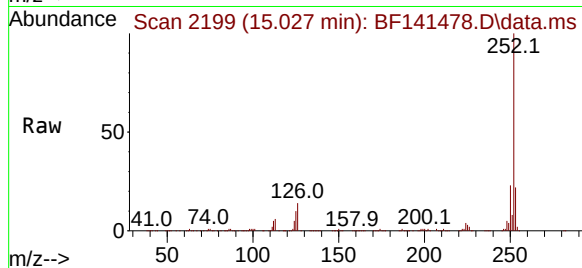
Tgt Ion:252 Resp: 563342

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 9.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 60.423 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

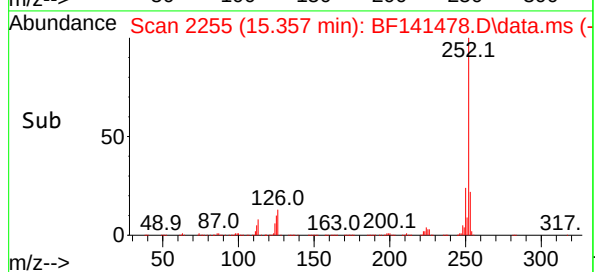
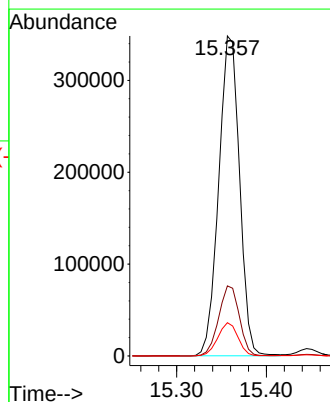
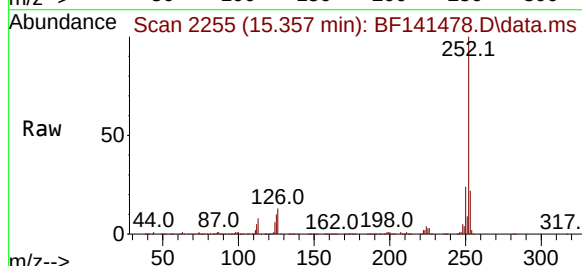
Tgt Ion:252 Resp: 561457

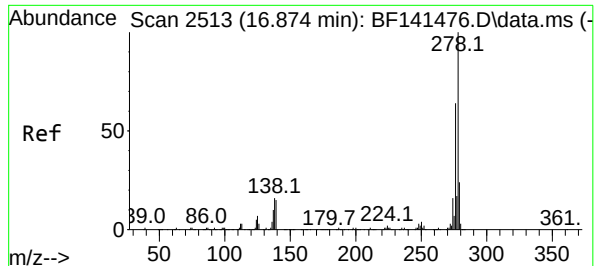
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 68.216 ng

RT: 16.886 min Scan# 2513

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

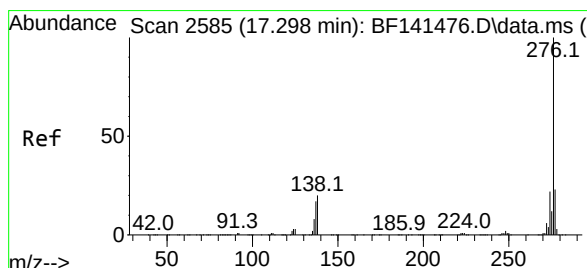
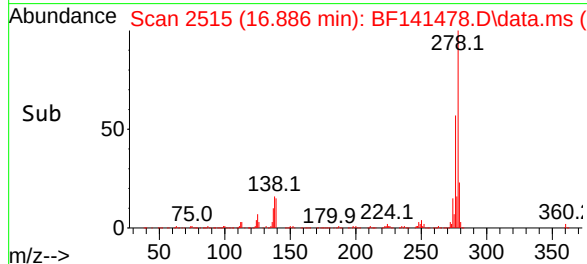
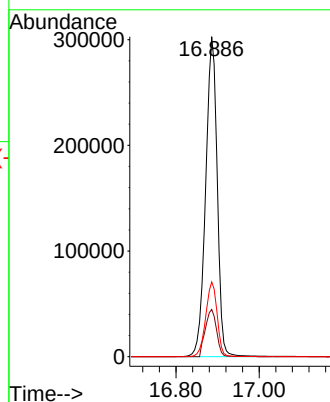
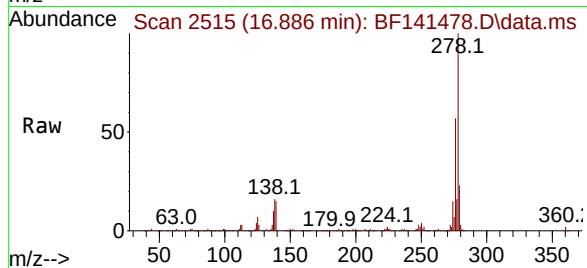
Tgt Ion:278 Resp: 584115

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.6

279 23.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 68.884 ng

RT: 17.309 min Scan# 2587

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

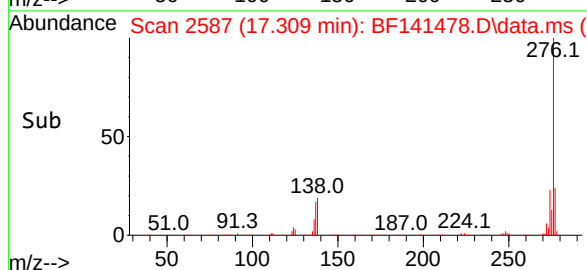
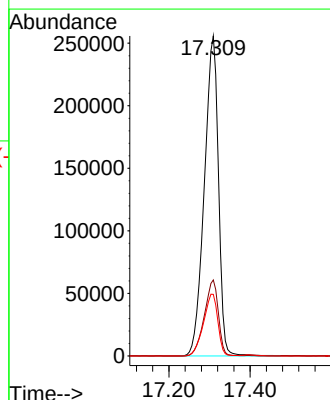
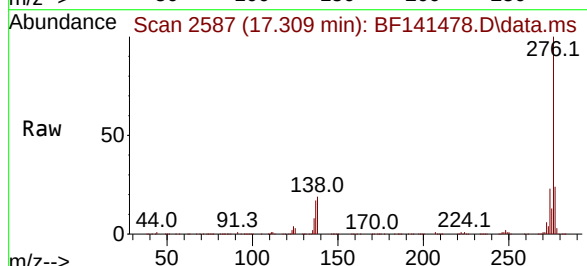
Tgt Ion:276 Resp: 617241

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 19.3 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141479.D
 Acq On : 06 Feb 2025 14:14
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Feb 06 16:01:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	90415	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	341252	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	186230	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	312902	20.000	ng	0.00
76) Chrysene-d12	13.962	240	184347	20.000	ng	0.00
86) Perylene-d12	15.415	264	170605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	878184	152.272	ng	0.00
7) Phenol-d6	6.439	99	1112281	152.591	ng	0.00
23) Nitrobenzene-d5	7.363	82	1048314	160.228	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	291947	156.058	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1789795	148.066	ng	0.00
79) Terphenyl-d14	12.904	244	1781602	163.152	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	181328	78.119	ng	99
3) Pyridine	3.216	79	435462	78.838	ng	99
4) n-Nitrosodimethylamine	3.187	42	301403	82.409	ng	97
6) Aniline	6.463	93	498556	72.913	ng	94
8) 2-Chlorophenol	6.586	128	470975	75.577	ng	99
10) Phenol	6.457	94	567332	74.779	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	454141	79.695	ng	99
12) 1,3-Dichlorobenzene	6.734	146	494180	75.115	ng	99
13) 1,4-Dichlorobenzene	6.810	146	498585	74.175	ng	99
14) 1,2-Dichlorobenzene	6.963	146	464559	74.465	ng	99
15) Benzyl Alcohol	6.939	79	420673	75.258	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	708318	72.613	ng	77
17) 2-Methylphenol	7.057	107	370173	75.912	ng	97
18) Hexachloroethane	7.304	117	190062	76.402	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	328097	75.249	ng	98
20) 3+4-Methylphenols	7.216	107	450046	72.613	ng	# 88
22) Acetophenone	7.210	105	652334	76.846	ng	98
24) Nitrobenzene	7.381	77	513249	80.448	ng	98
25) Isophorone	7.622	82	838076	80.337	ng	99
26) 2-Nitrophenol	7.692	139	261386	82.350	ng	98
27) 2,4-Dimethylphenol	7.733	122	300036	80.915	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	529442	79.203	ng	99
29) 2,4-Dichlorophenol	7.939	162	399027	79.645	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	428656	78.568	ng	99
31) Naphthalene	8.098	128	1381453	77.769	ng	100
32) Benzoic acid	7.892	122	335418	87.086	ng	98
33) 4-Chloroaniline	8.157	127	504834	81.400	ng	98
34) Hexachlorobutadiene	8.210	225	257532	78.628	ng	100
35) Caprolactam	8.545	113	125619	82.350	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	441925	79.630	ng	98
37) 2-Methylnaphthalene	8.786	142	889774	76.975	ng	100
38) 1-Methylnaphthalene	8.886	142	861860	76.983	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	418579	77.689	ng	99
41) Hexachlorocyclopentadiene	8.939	237	159430	88.965	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	277156	79.591	ng	97
44) 2,4,5-Trichlorophenol	9.116	196	298856	79.189	ng	98

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 Data File : BF141479.D
 Acq On : 06 Feb 2025 14:14
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTDICC080

Quant Time: Feb 06 16:01:02 2025
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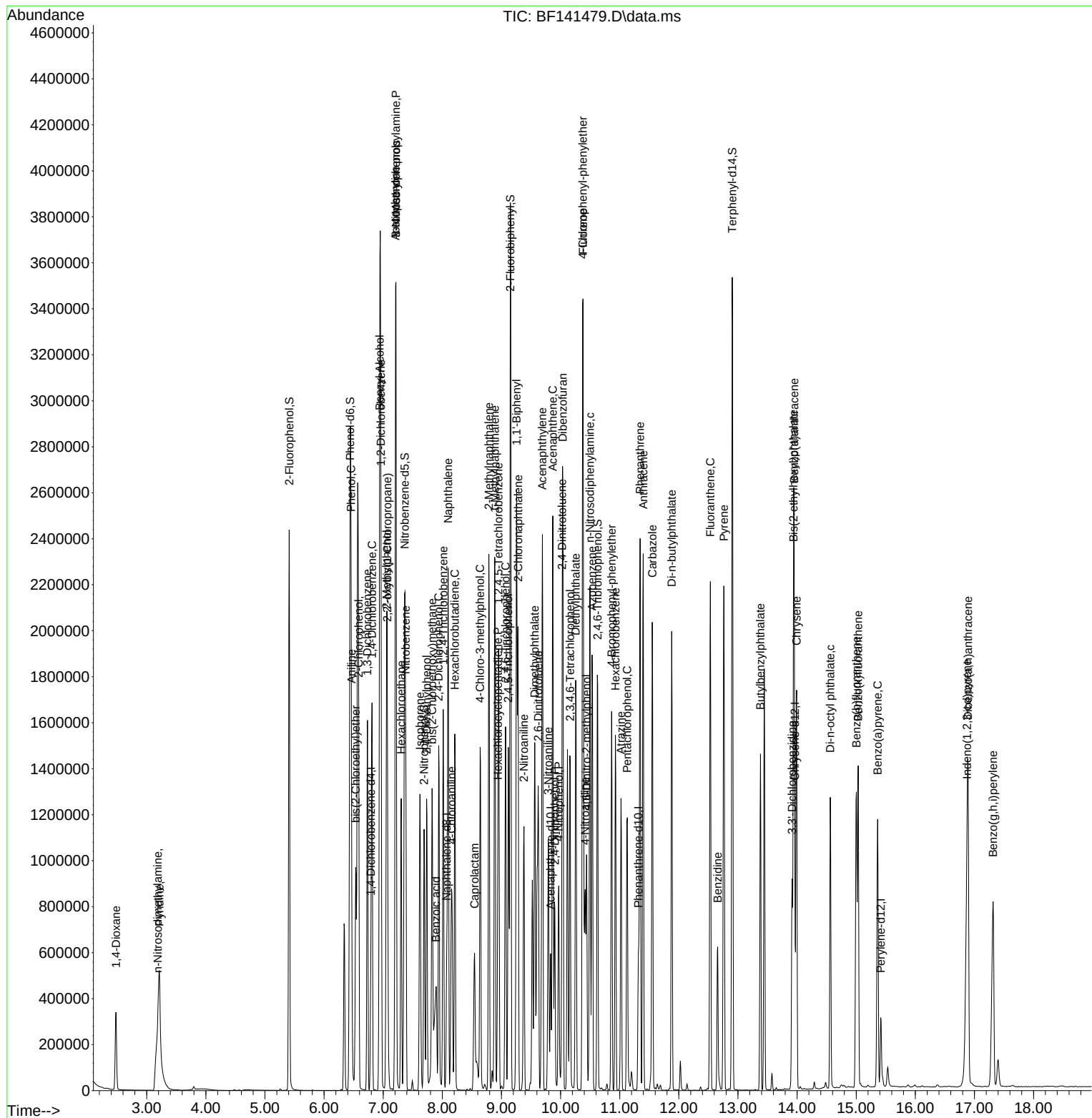
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46) 1,1'-Biphenyl	9.257	154	1100720	76.237	ng	99
47) 2-Chloronaphthalene	9.280	162	821334	76.929	ng	99
48) 2-Nitroaniline	9.380	65	286532	79.969	ng	97
49) Acenaphthylene	9.692	152	1211515	76.291	ng	99
50) Dimethylphthalate	9.563	163	1002121	79.265	ng	99
51) 2,6-Dinitrotoluene	9.622	165	215853	78.101	ng	94
52) Acenaphthene	9.869	154	819818	76.791	ng	99
53) 3-Nitroaniline	9.792	138	235511	79.173	ng	97
54) 2,4-Dinitrophenol	9.904	184	147768	89.960	ng	95
55) Dibenzofuran	10.039	168	1174157	74.928	ng	100
56) 4-Nitrophenol	9.969	139	187131	84.744	ng	97
57) 2,4-Dinitrotoluene	10.027	165	284954	77.449	ng	95
58) Fluorene	10.380	166	909704	75.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	253454	78.006	ng	98
60) Diethylphthalate	10.257	149	945293	75.995	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	435522	74.716	ng	99
62) 4-Nitroaniline	10.416	138	241257	79.873	ng	99
63) Azobenzene	10.533	77	963689	77.931	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	185427	85.309	ng	99
66) n-Nitrosodiphenylamine	10.498	169	785313	78.404	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	276228	78.988	ng	96
68) Hexachlorobenzene	10.927	284	285111	79.174	ng	97
69) Atrazine	11.021	200	219923	73.188	ng	100
70) Pentachlorophenol	11.127	266	200556	87.100	ng	99
71) Phenanthrene	11.345	178	1312474	76.201	ng	100
72) Anthracene	11.398	178	1322462	76.380	ng	99
73) Carbazole	11.551	167	1168253	74.989	ng	99
74) Di-n-butylphthalate	11.880	149	1382706	76.865	ng	99
75) Fluoranthene	12.533	202	1333237	73.011	ng	100
77) Benzidine	12.657	184	354555	87.207	ng	99
78) Pyrene	12.763	202	1319554	84.086	ng	100
80) Butylbenzylphthalate	13.380	149	459803	84.592	ng	100
81) Benzo(a)anthracene	13.951	228	943291	76.977	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	263773	75.143	ng	100
83) Chrysene	13.992	228	906415	80.108	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	517884	84.477	ng	99
85) Di-n-octyl phthalate	14.562	149	803601	91.886	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	961023	91.166	ng	100
88) Benzo(b)fluoranthene	15.004	252	865205	75.529	ng	100
89) Benzo(k)fluoranthene	15.033	252	776323	79.364	ng	99
90) Benzo(a)pyrene	15.362	252	742932	80.150	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	773684	90.578	ng	99
92) Benzo(g,h,i)perylene	17.315	276	831418	93.015	ng	99

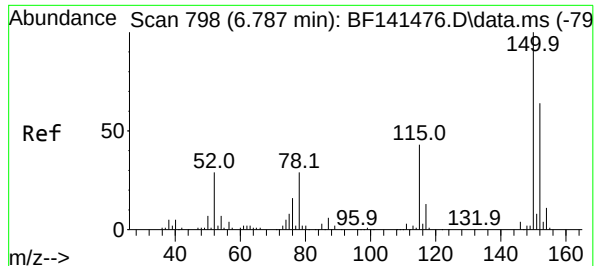
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Acq On    : 06 Feb 2025  14:14  
Operator  : RC/JU  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Feb 06 16:01:02 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
Response via : Initial Calibration

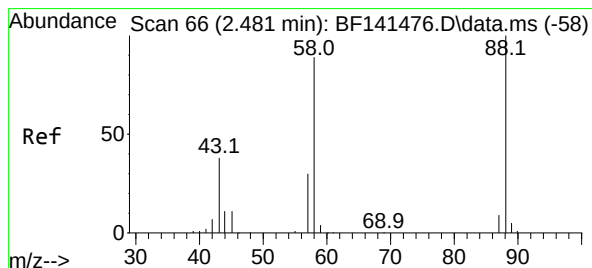
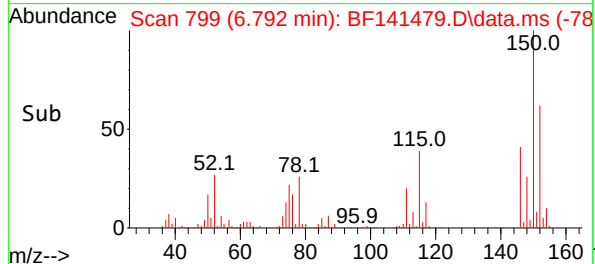
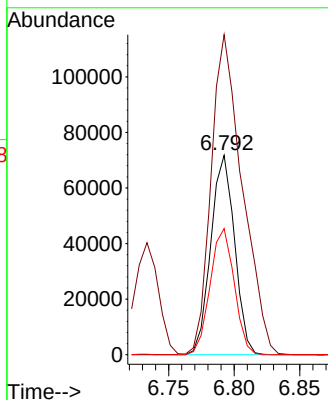
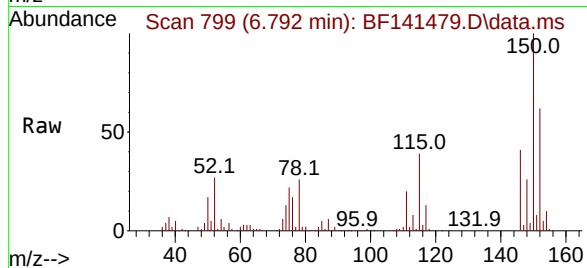




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

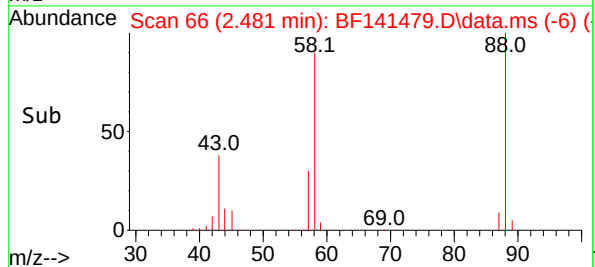
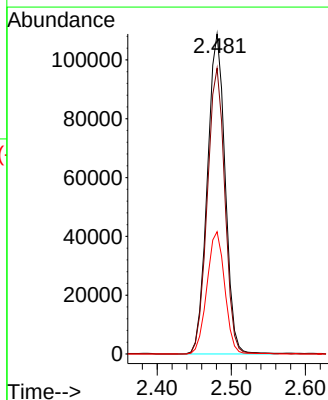
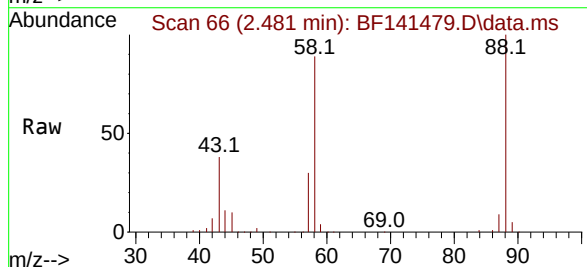
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ClientSampleId :
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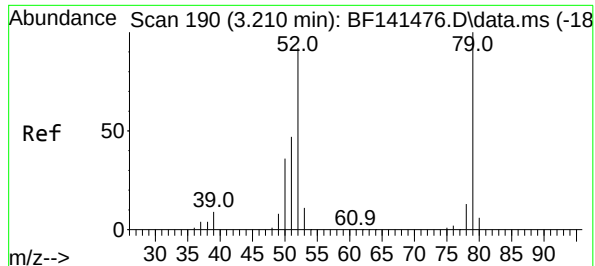
Tgt Ion:152 Resp: 90415
Ion Ratio Lower Upper
152 100
150 160.5 125.0 187.4
115 63.2 53.6 80.4



#2
1,4-Dioxane
Concen: 78.119 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 88 Resp: 181328
Ion Ratio Lower Upper
88 100
58 88.2 71.1 106.7
43 38.3 30.6 46.0

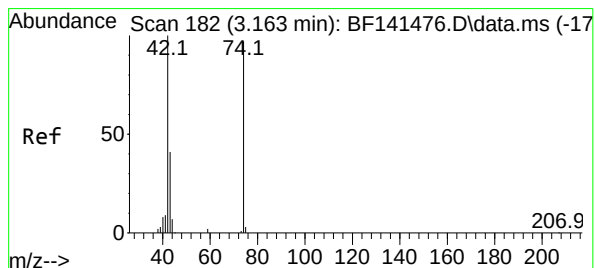
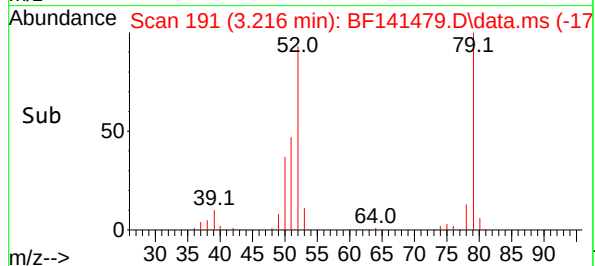
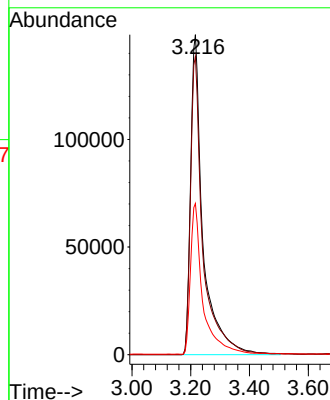
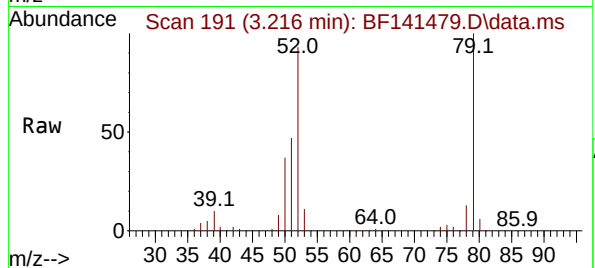




#3
Pyridine
Concen: 78.838 ng
RT: 3.216 min Scan# 190
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

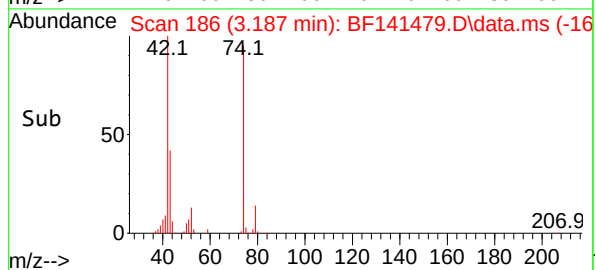
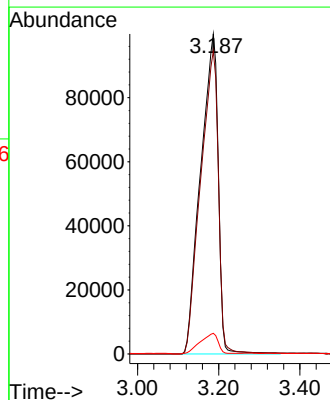
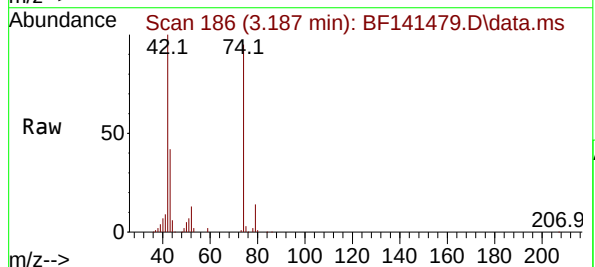
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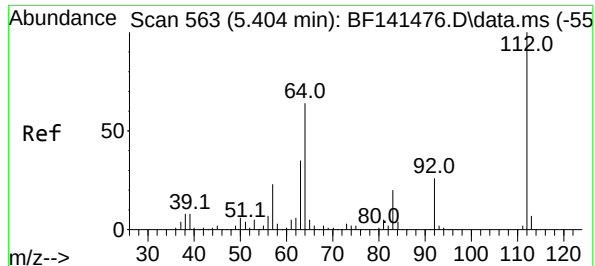
Tgt Ion: 79 Resp: 435462
Ion Ratio Lower Upper
79 100
52 93.2 73.7 110.5
51 47.3 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 82.409 ng
RT: 3.187 min Scan# 186
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 42 Resp: 301403
Ion Ratio Lower Upper
42 100
74 94.7 78.0 117.0
44 6.4 5.4 8.2

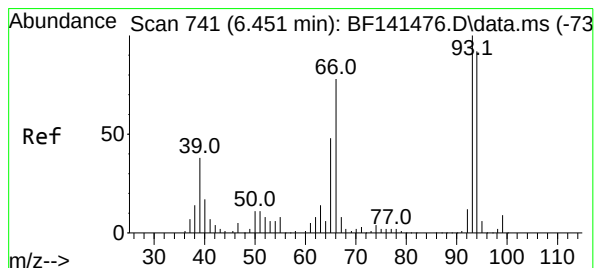
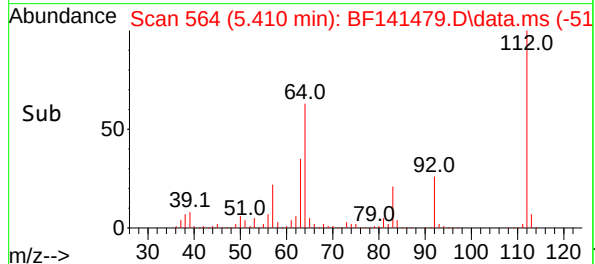
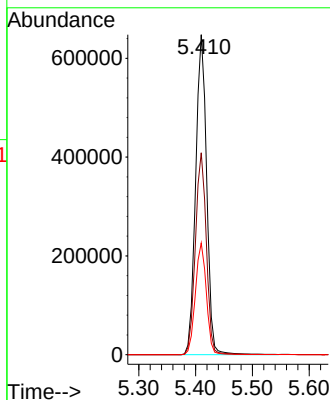
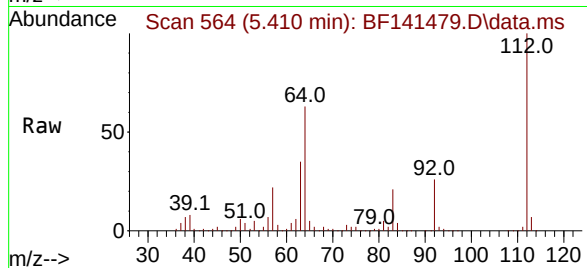




#5
2-Fluorophenol
Concen: 152.272 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

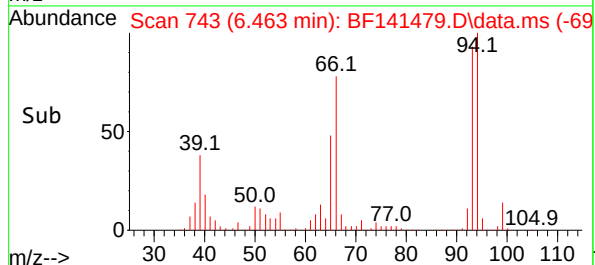
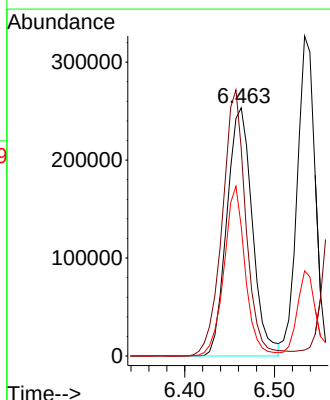
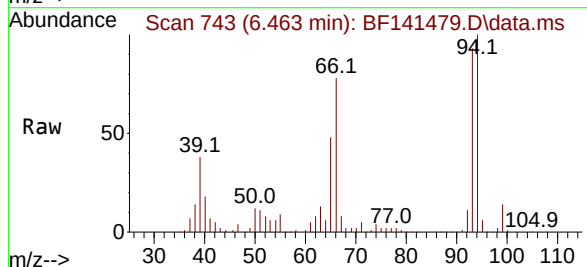
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ClientSampleId :
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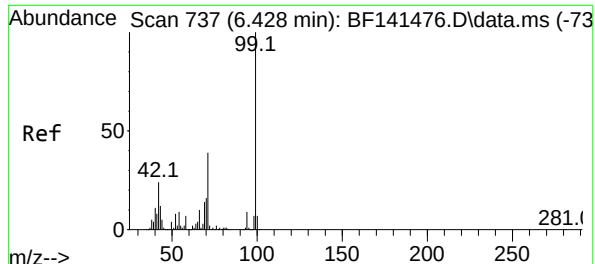
Tgt Ion:112 Resp: 878184
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 34.9 28.4 42.6



#6
Aniline
Concen: 72.913 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 93 Resp: 498556
Ion Ratio Lower Upper
93 100
66 83.5 62.6 94.0
65 52.1 38.3 57.5

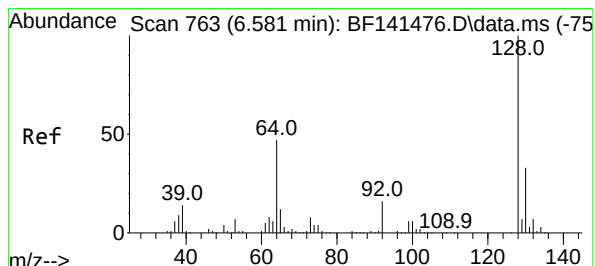
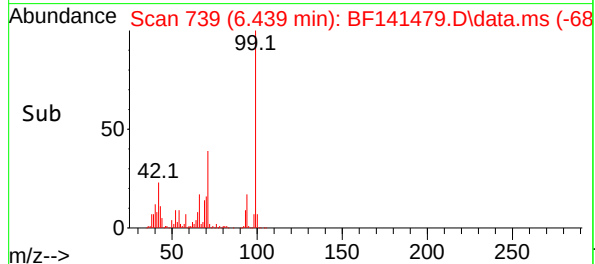
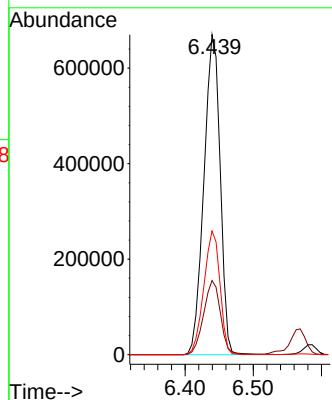
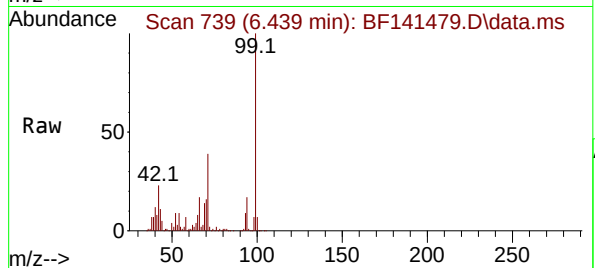




#7
Phenol-d6
Concen: 152.591 ng
RT: 6.439 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

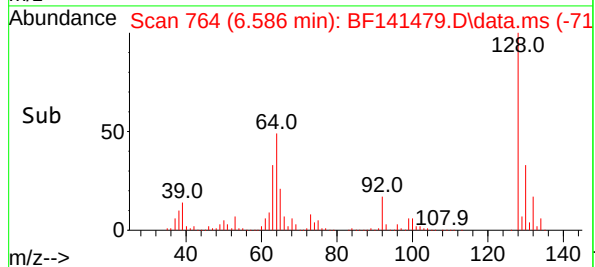
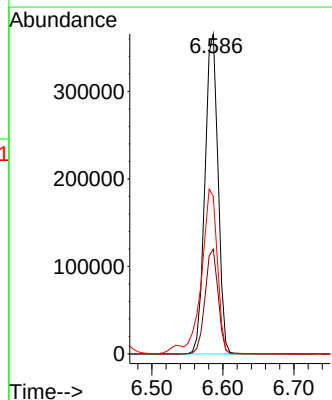
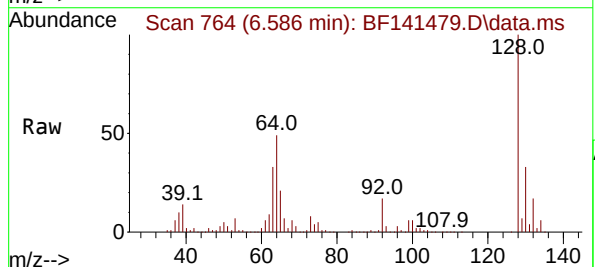
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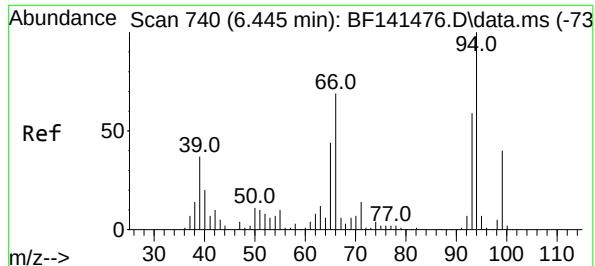
Tgt Ion: 99 Resp: 1112281
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 38.7 31.1 46.7



#8
2-Chlorophenol
Concen: 75.577 ng
RT: 6.586 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 128 Resp: 470975
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 49.2 28.3 68.3

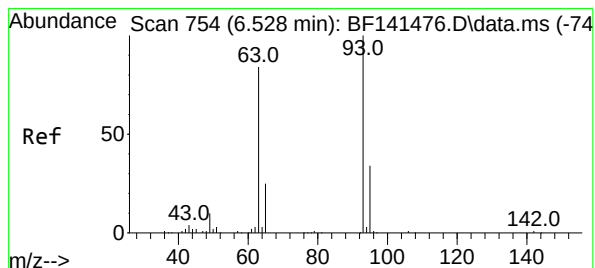
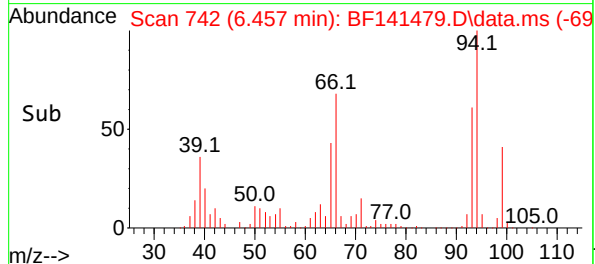
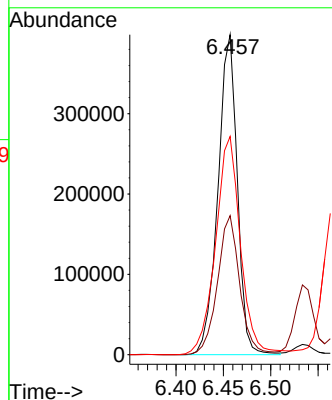
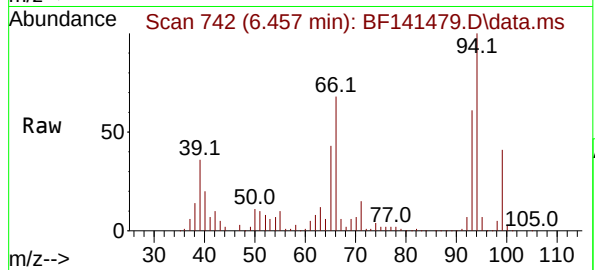




#10
Phenol
Concen: 74.779 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

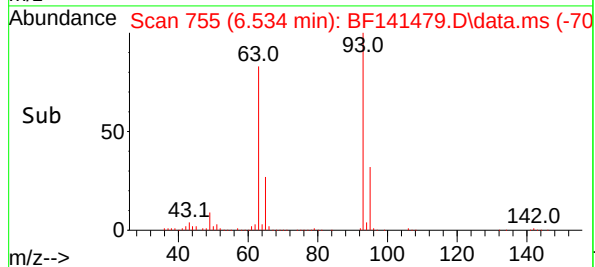
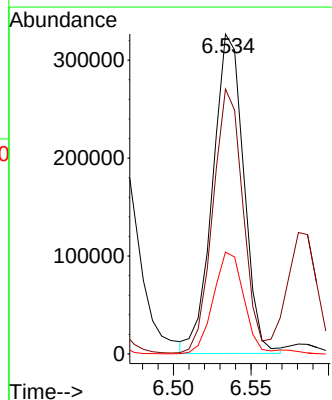
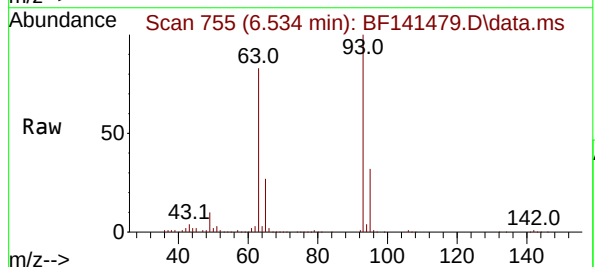
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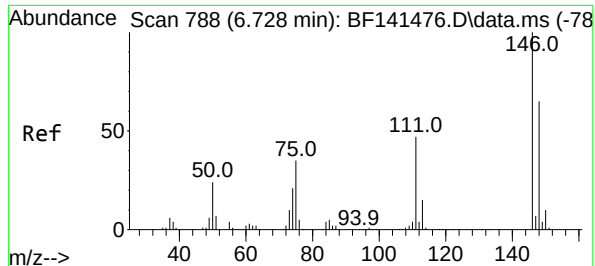
Tgt Ion: 94 Resp: 567332
Ion Ratio Lower Upper
94 100
65 43.5 23.7 63.7
66 68.2 49.3 89.3



#11
bis(2-Chloroethyl)ether
Concen: 79.695 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 93 Resp: 454141
Ion Ratio Lower Upper
93 100
63 82.8 62.0 102.0
95 31.9 12.6 52.6





#12

1,3-Dichlorobenzene

Concen: 75.115 ng

RT: 6.734 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

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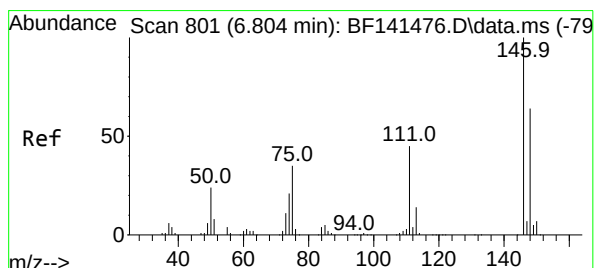
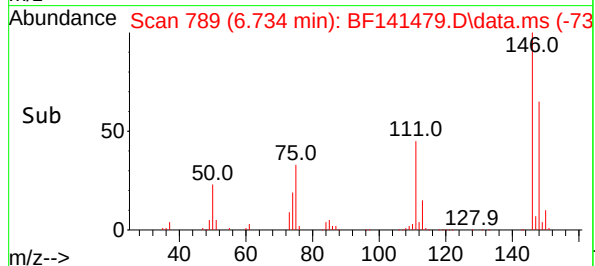
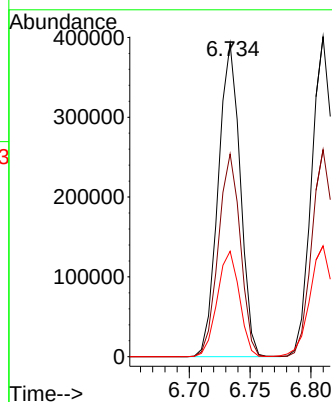
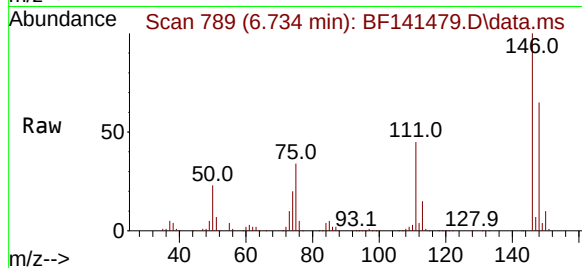
Tgt Ion:146 Resp: 494180

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

75 33.7 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 74.175 ng

RT: 6.810 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

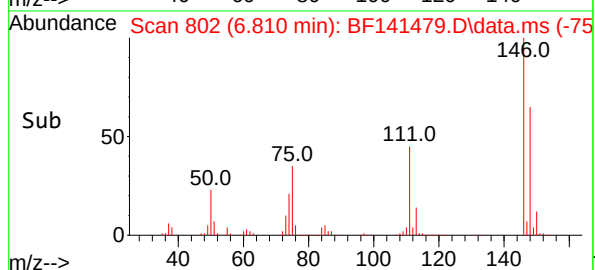
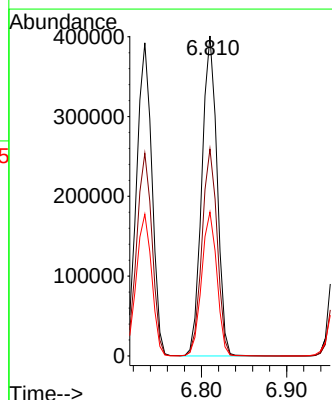
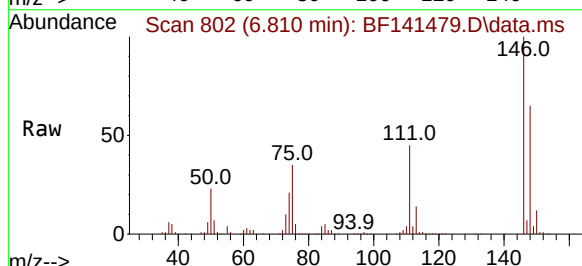
Tgt Ion:146 Resp: 498585

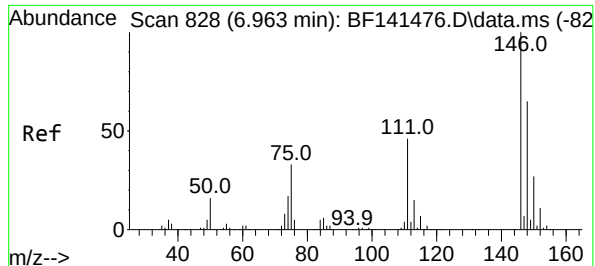
Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

111 44.9 35.9 53.9

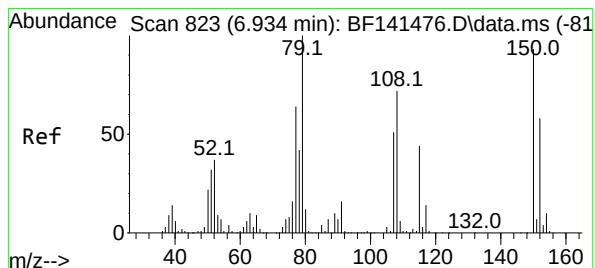
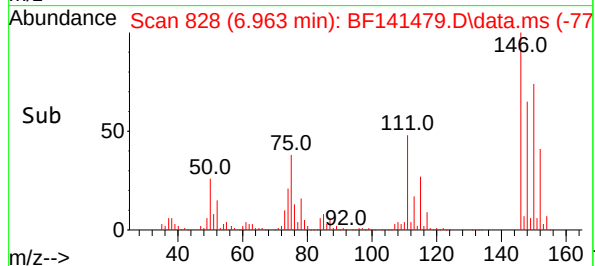
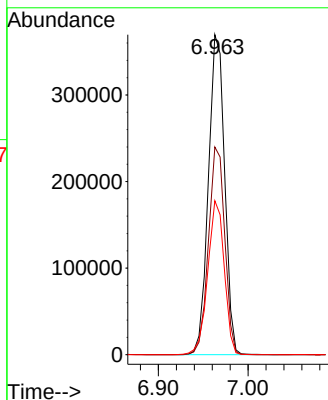
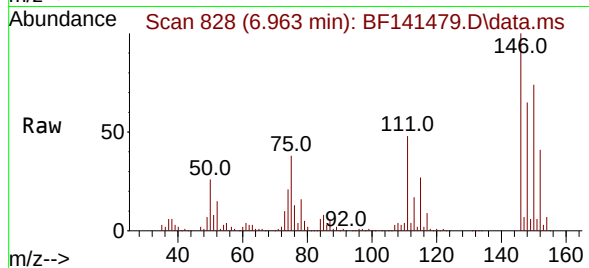




#14
1,2-Dichlorobenzene
Concen: 74.465 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

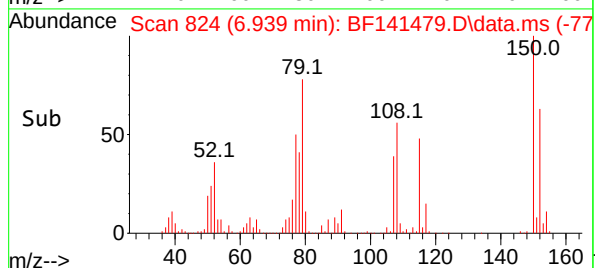
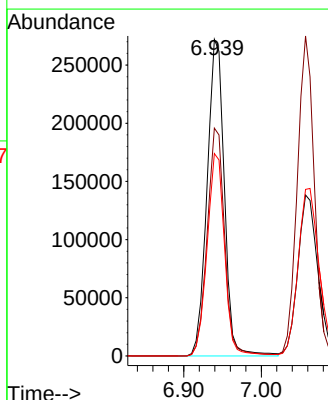
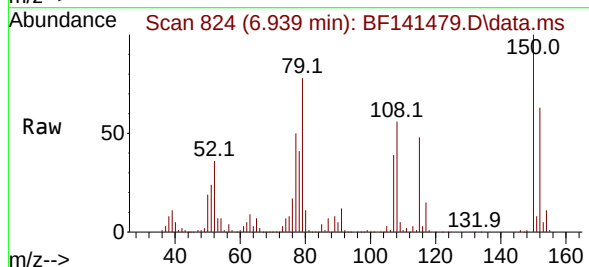
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

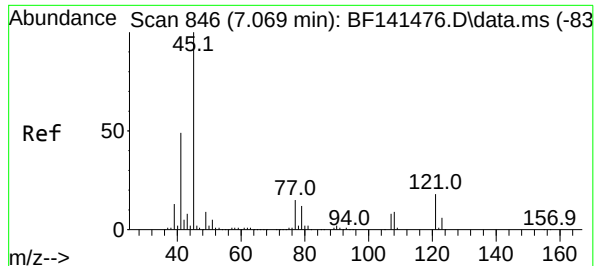
Tgt Ion:146 Resp: 464559
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 48.1 37.0 55.4



#15
Benzyl Alcohol
Concen: 75.258 ng
RT: 6.939 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 79 Resp: 420673
Ion Ratio Lower Upper
79 100
108 72.0 57.4 86.2
77 64.0 50.9 76.3





#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.613 ng

RT: 7.069 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

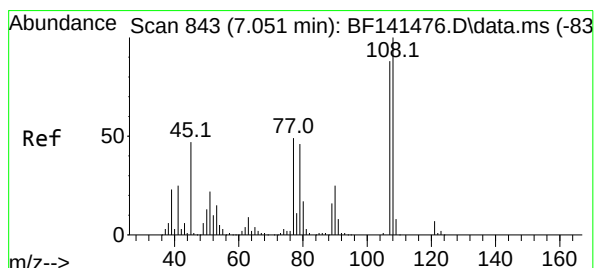
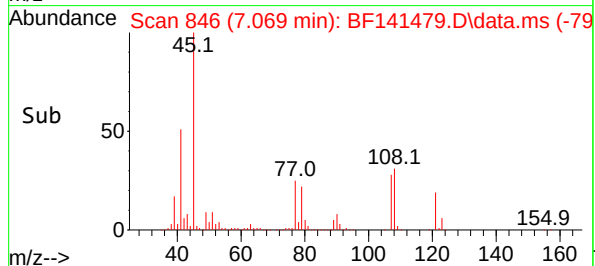
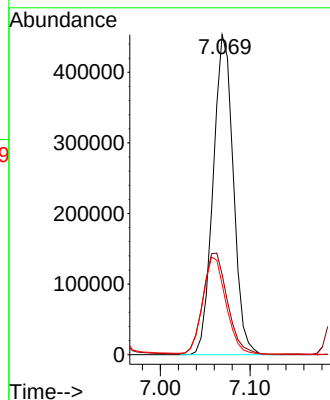
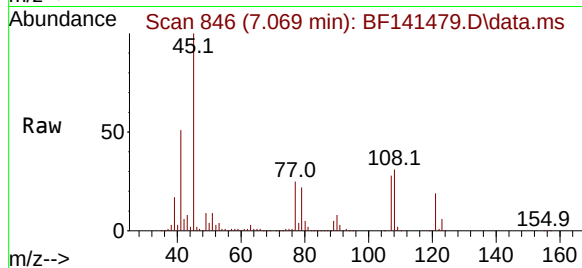
Tgt Ion: 45 Resp: 708318

Ion Ratio Lower Upper

45 100

77 25.1 0.0 35.8

79 22.0 0.0 32.7



#17

2-Methylphenol

Concen: 75.912 ng

RT: 7.057 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Tgt Ion:107 Resp: 370173

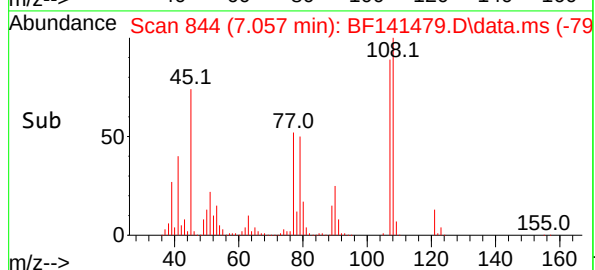
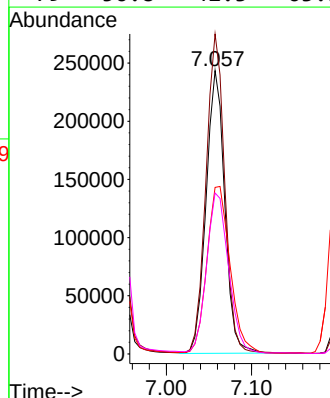
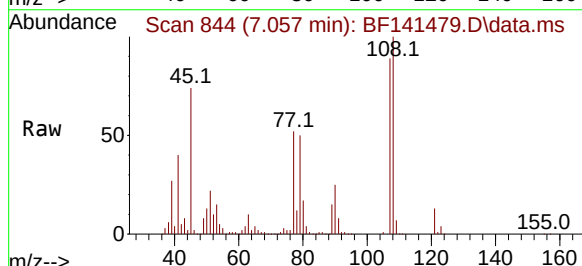
Ion Ratio Lower Upper

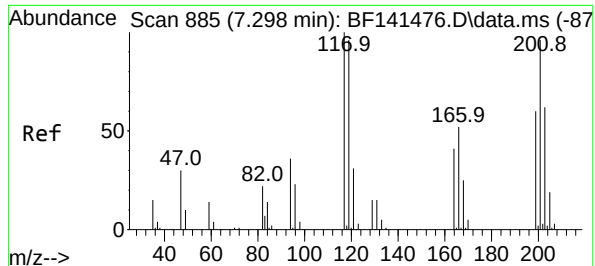
107 100

108 112.9 90.6 136.0

77 58.7 44.4 66.6

79 56.8 42.3 63.5

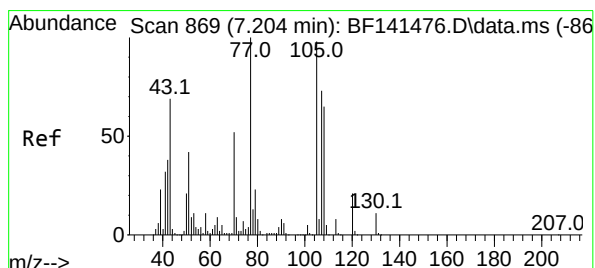
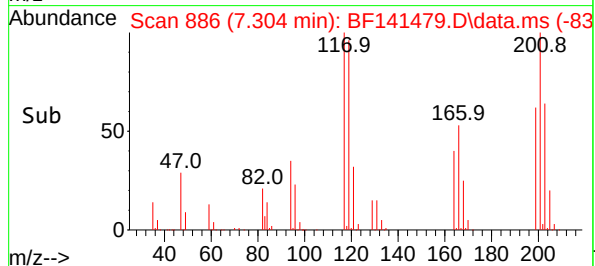
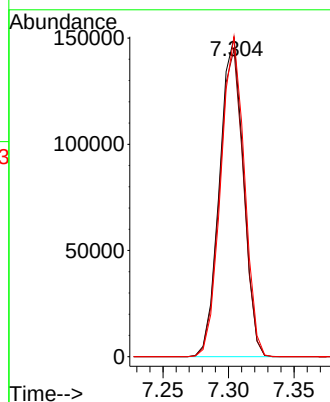
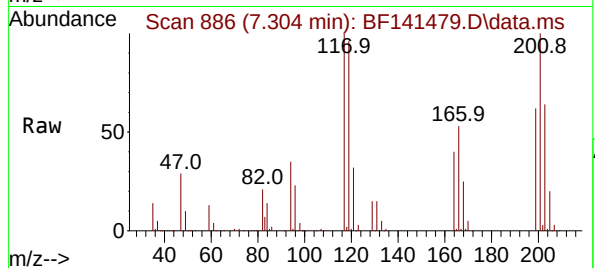




#18
Hexachloroethane
Concen: 76.402 ng
RT: 7.304 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

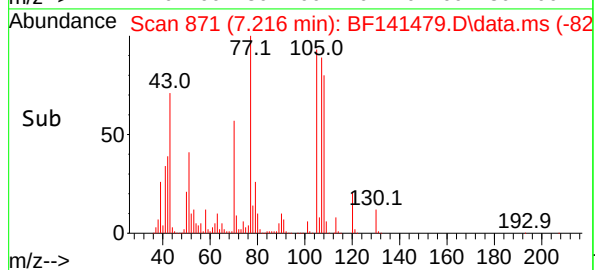
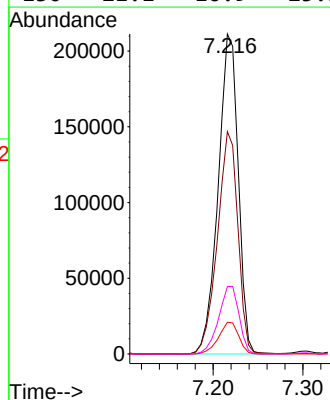
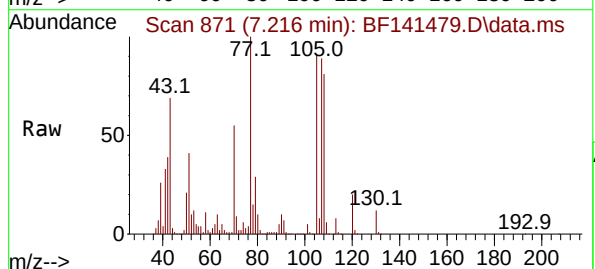
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

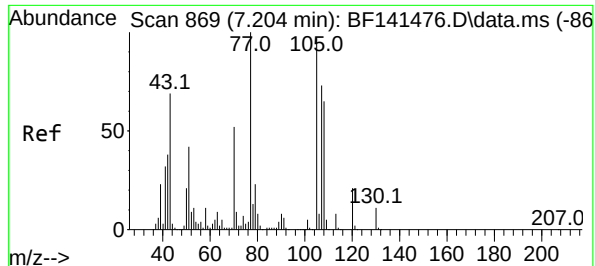
Tgt Ion:117 Resp: 190062
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 100.5 76.7 115.1



#19
n-Nitroso-di-n-propylamine
Concen: 75.249 ng
RT: 7.216 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 70 Resp: 328097
Ion Ratio Lower Upper
70 100
42 69.5 57.4 86.2
101 9.9 8.0 12.0
130 21.1 16.9 25.3





#20

3+4-Methylphenols

Concen: 72.613 ng

RT: 7.216 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141479.D

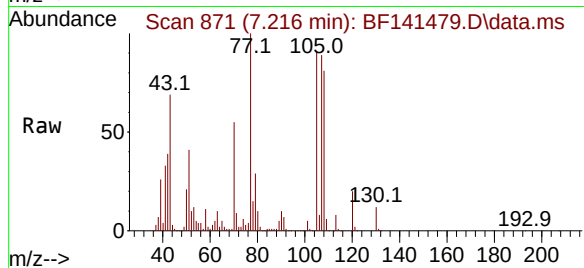
Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 450046

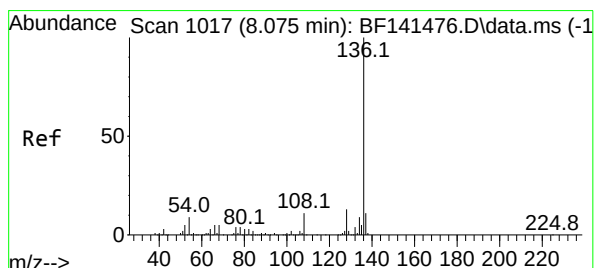
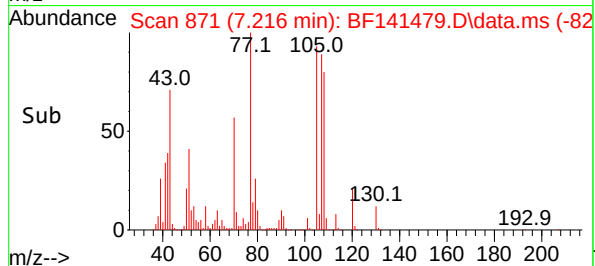
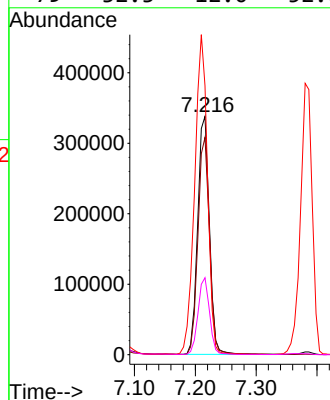
Ion Ratio Lower Upper

107 100

108 91.3 68.5 108.5

77 112.8 116.5 156.5#

79 32.3 12.0 52.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Tgt Ion:136 Resp: 341252

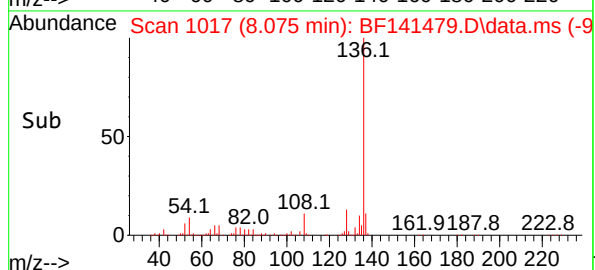
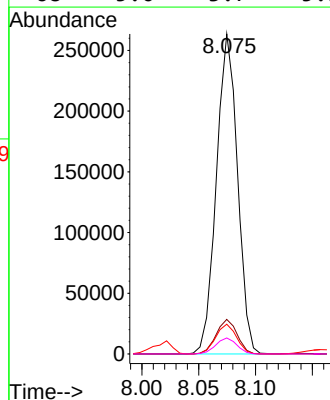
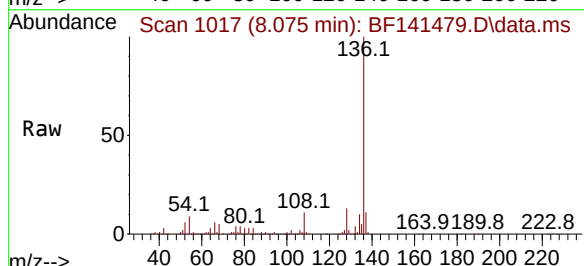
Ion Ratio Lower Upper

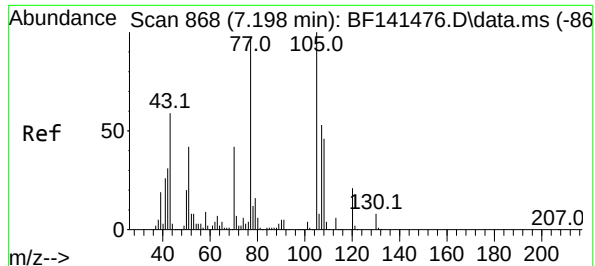
136 100

137 10.8 8.6 13.0

54 9.3 7.2 10.8

68 5.0 3.7 5.5

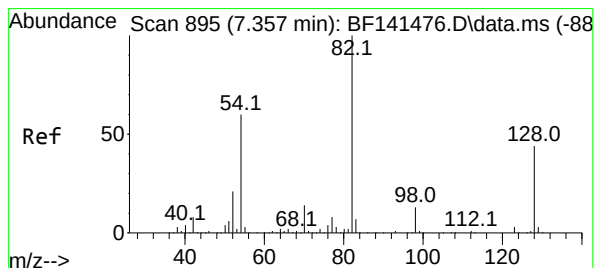
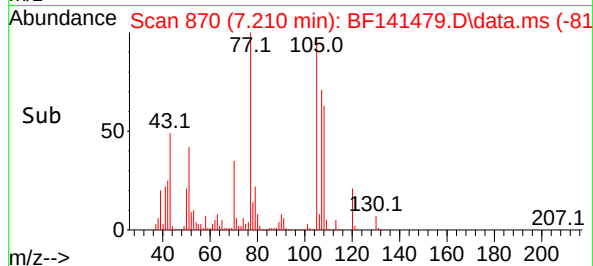
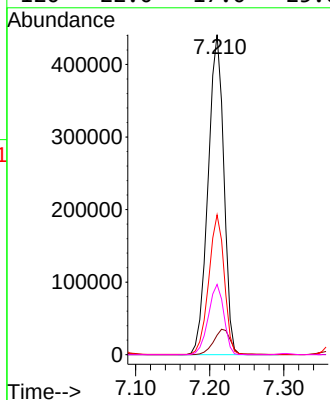
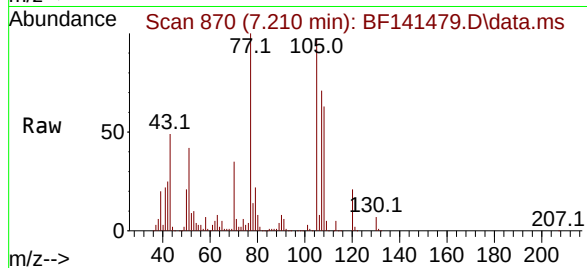




#22
Acetophenone
Concen: 76.846 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

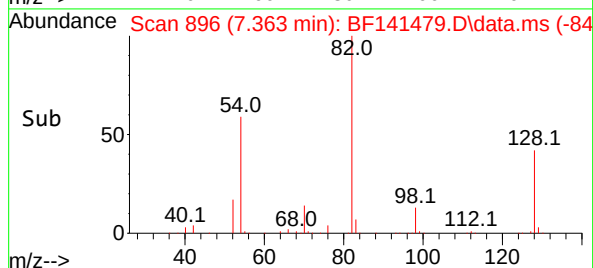
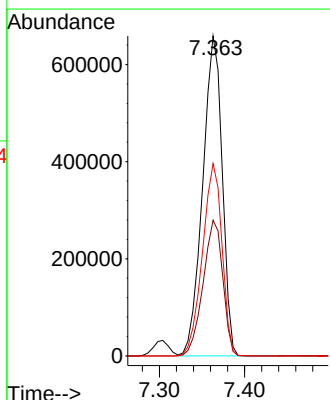
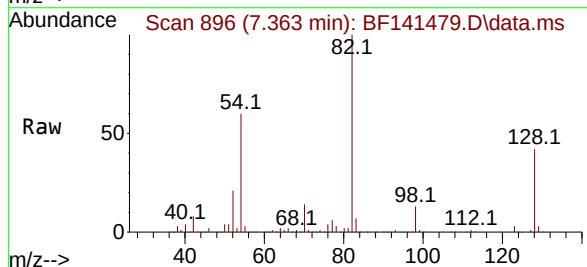
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

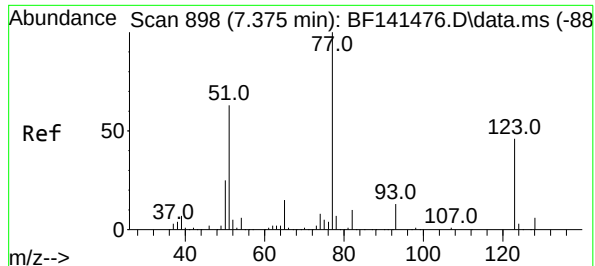
Tgt Ion:105 Resp: 652334
Ion Ratio Lower Upper
105 100
71 6.1 5.7 8.5
51 43.7 33.7 50.5
120 22.0 17.0 25.6



#23
Nitrobenzene-d5
Concen: 160.228 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 82 Resp: 1048314
Ion Ratio Lower Upper
82 100
128 42.4 34.8 52.2
54 60.1 48.2 72.4

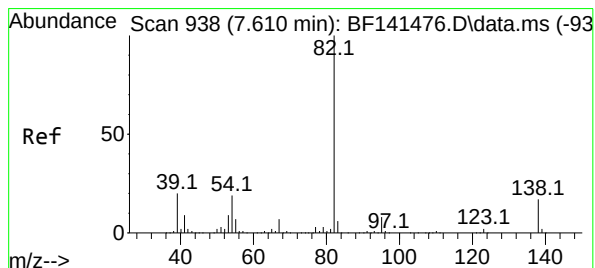
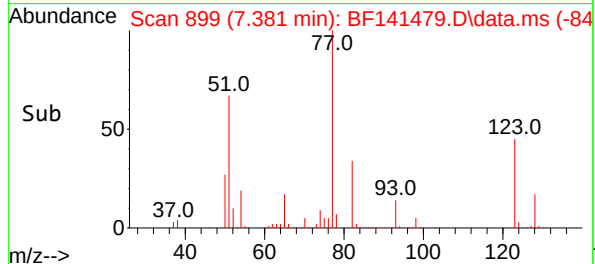
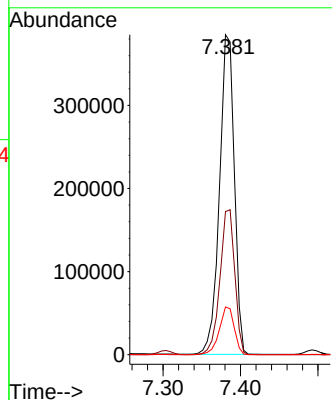
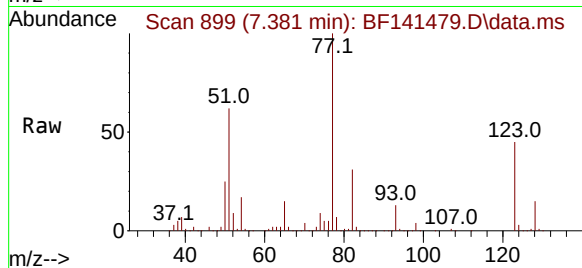




#24
Nitrobenzene
Concen: 80.448 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

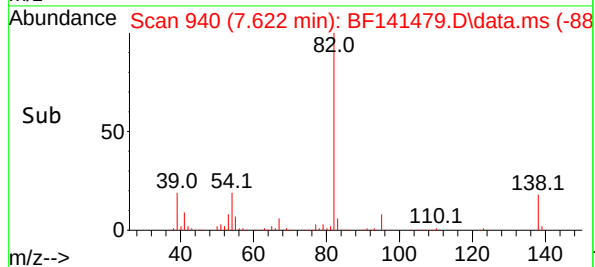
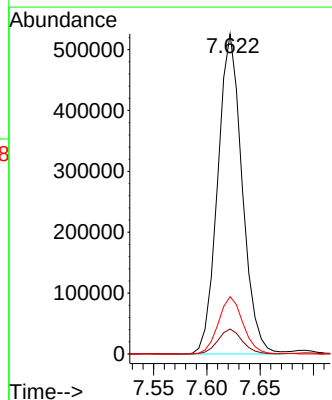
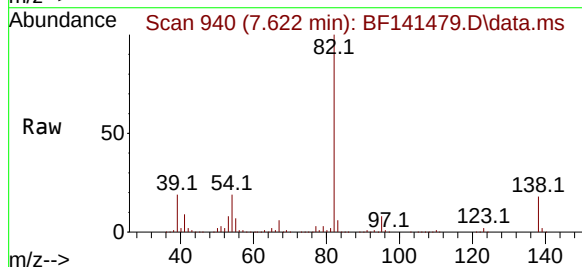
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

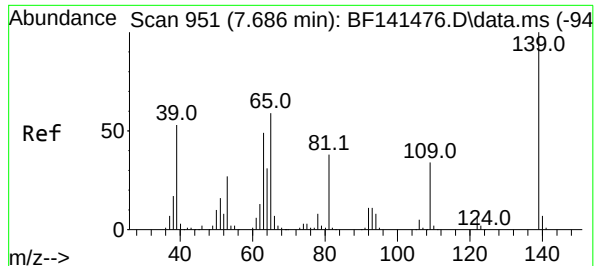
Tgt Ion: 77 Resp: 513249
Ion Ratio Lower Upper
77 100
123 44.7 36.9 55.3
65 14.9 11.9 17.9



#25
Isophorone
Concen: 80.337 ng
RT: 7.622 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 82 Resp: 838076
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.9 13.9 20.9





#26

2-Nitrophenol

Concen: 82.350 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

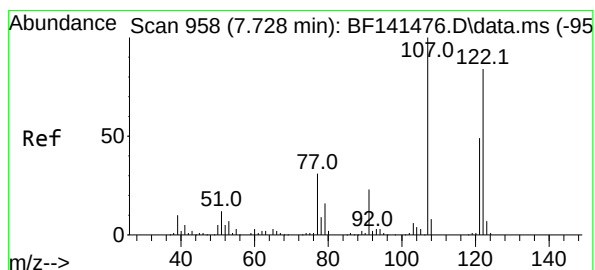
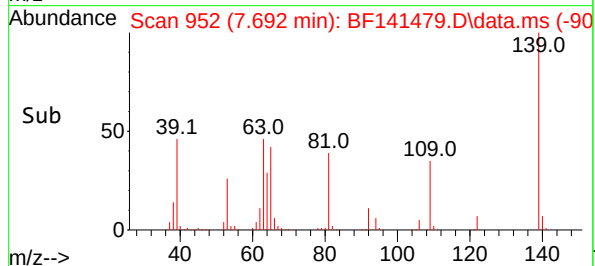
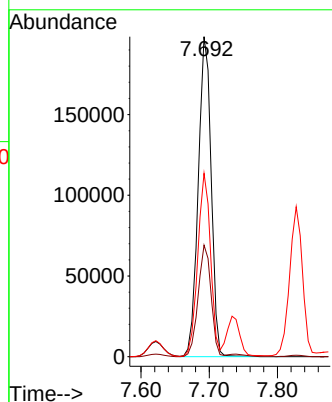
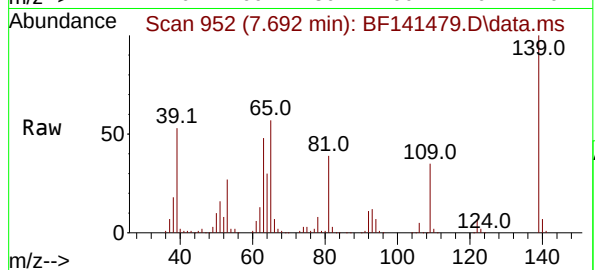
Tgt Ion:139 Resp: 261386

Ion Ratio Lower Upper

139 100

109 34.9 27.0 40.6

65 57.3 47.1 70.7



#27

2,4-Dimethylphenol

Concen: 80.915 ng

RT: 7.733 min Scan# 959

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

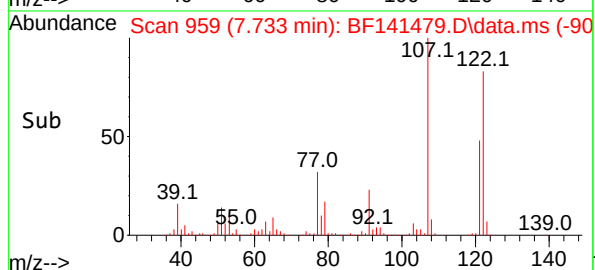
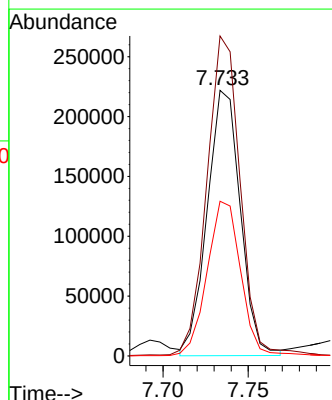
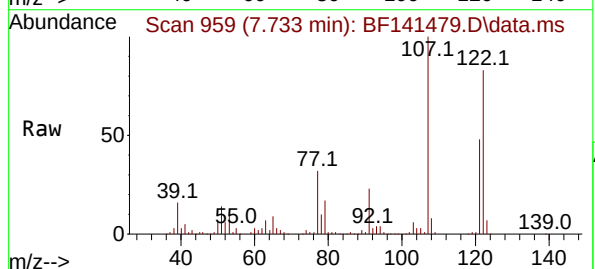
Tgt Ion:122 Resp: 300036

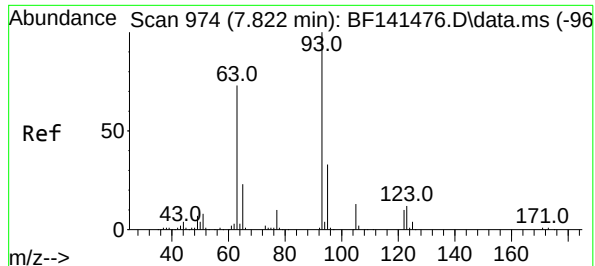
Ion Ratio Lower Upper

122 100

107 120.5 94.3 141.5

121 58.3 46.0 69.0





#28

bis(2-Chloroethoxy)methane

Concen: 79.203 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

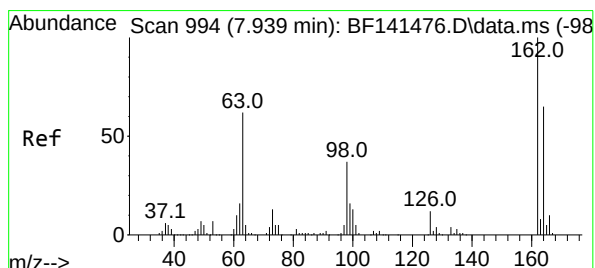
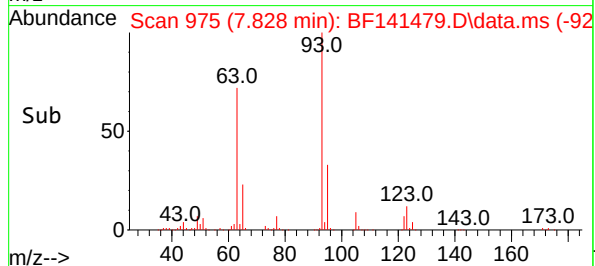
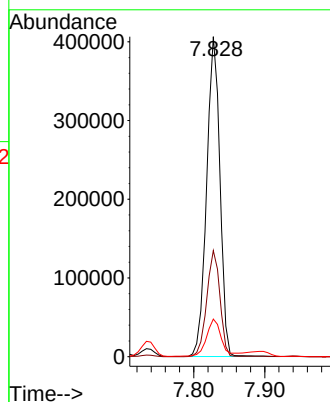
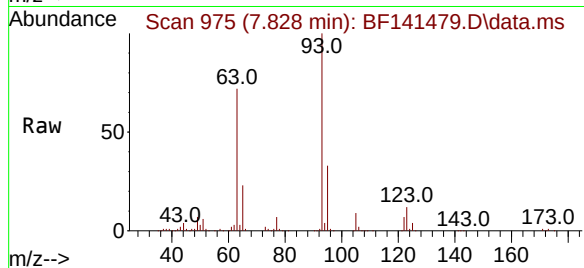
Tgt Ion: 93 Resp: 529442

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 11.8 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 79.645 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

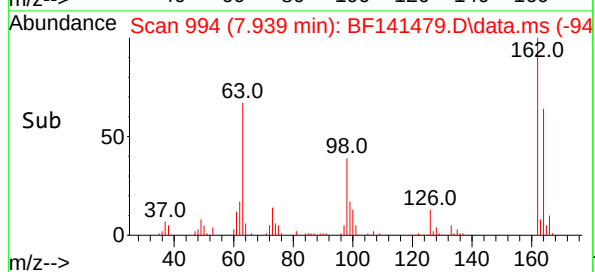
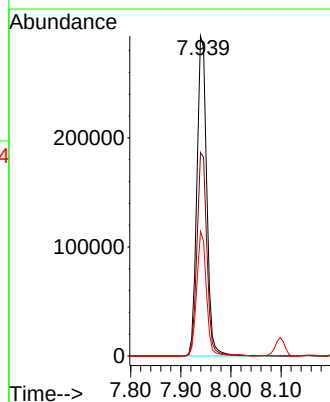
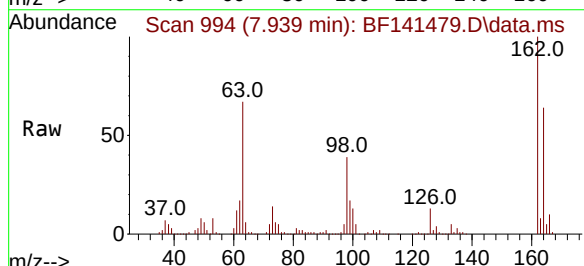
Tgt Ion:162 Resp: 399027

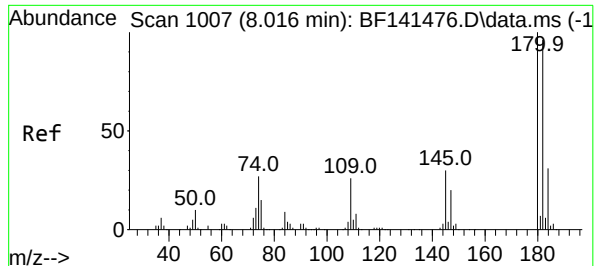
Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

98 38.9 17.2 57.2





#30

1,2,4-Trichlorobenzene

Concen: 78.568 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

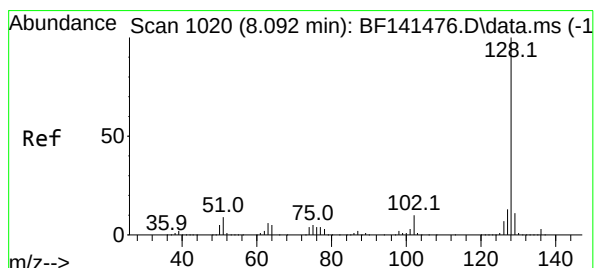
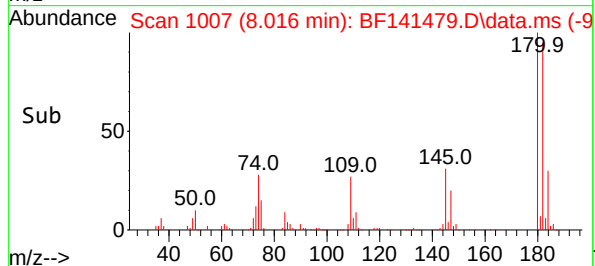
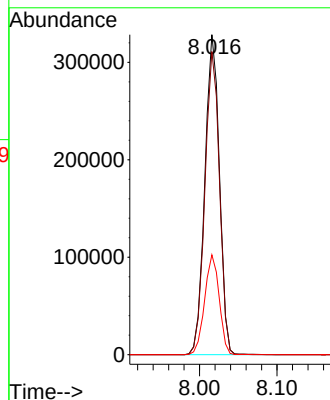
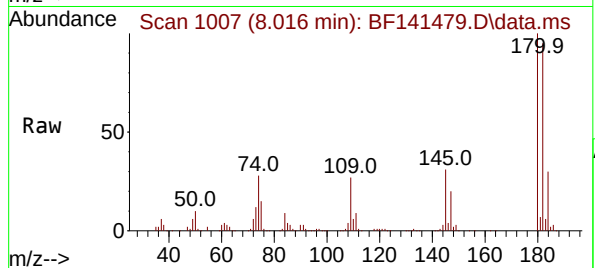
Tgt Ion:180 Resp: 428656

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

145 31.2 24.2 36.4



#31

Naphthalene

Concen: 77.769 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

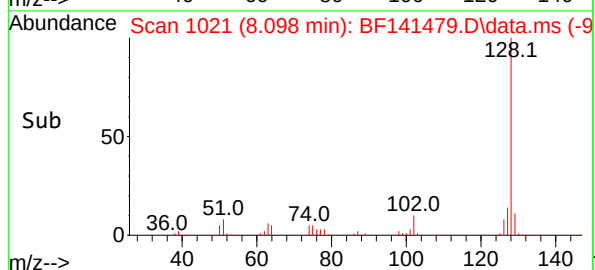
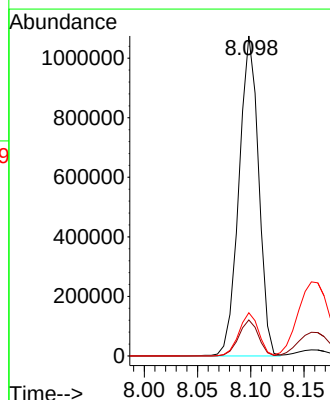
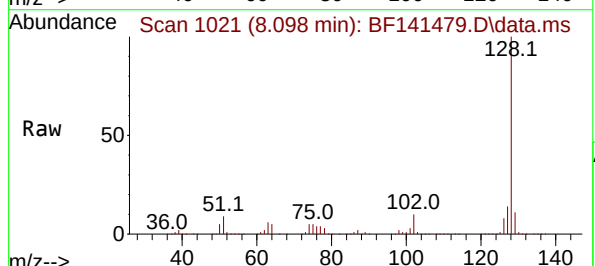
Tgt Ion:128 Resp: 1381453

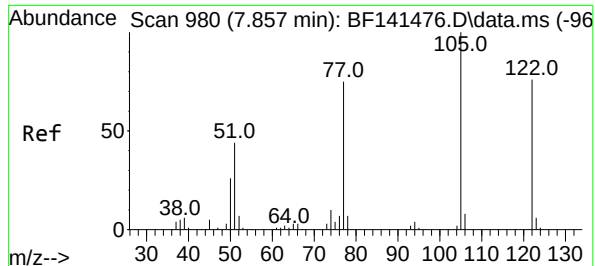
Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.5 10.7 16.1





#32

Benzoic acid

Concen: 87.086 ng

RT: 7.892 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

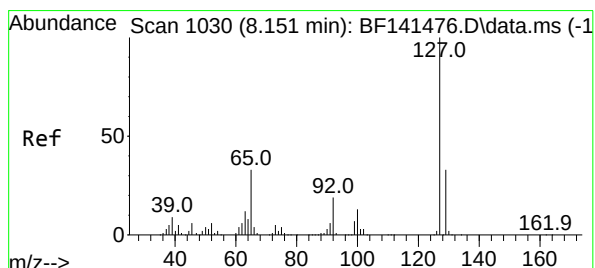
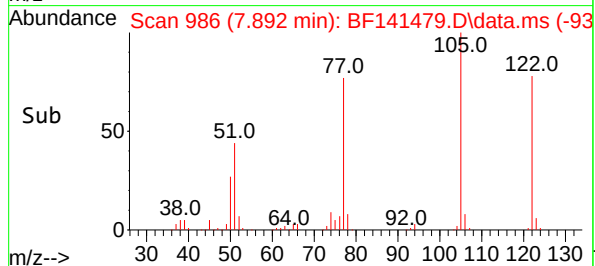
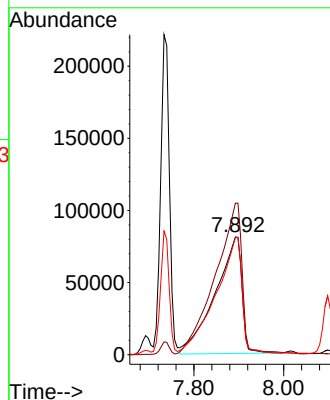
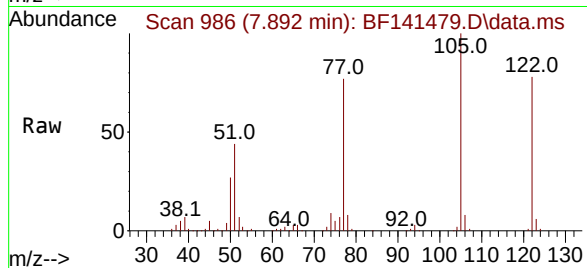
Tgt Ion:122 Resp: 335418

Ion Ratio Lower Upper

122 100

105 128.7 106.5 146.5

77 99.4 76.3 116.3



#33

4-Chloroaniline

Concen: 81.400 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Tgt Ion:127 Resp: 504834

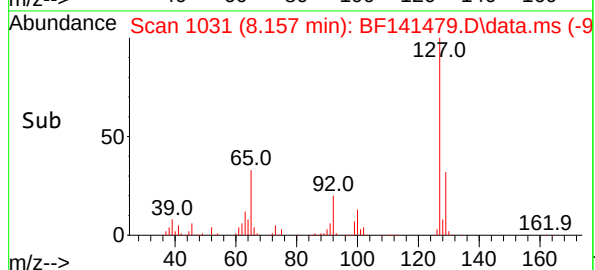
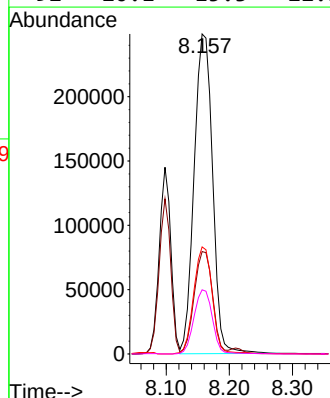
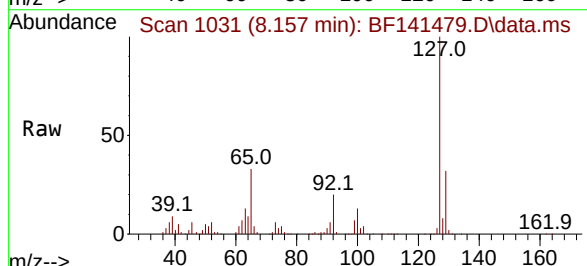
Ion Ratio Lower Upper

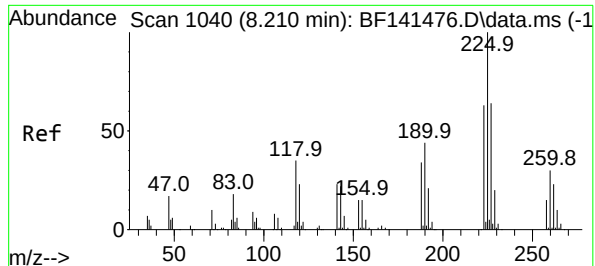
127 100

129 32.0 26.5 39.7

65 33.5 26.4 39.6

92 20.1 15.3 22.9

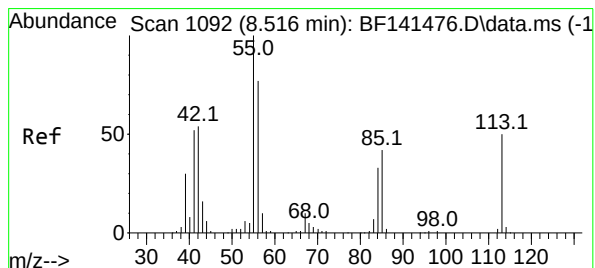
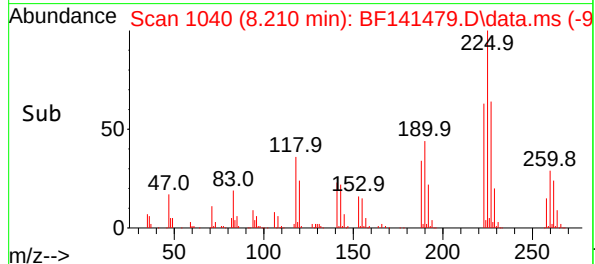
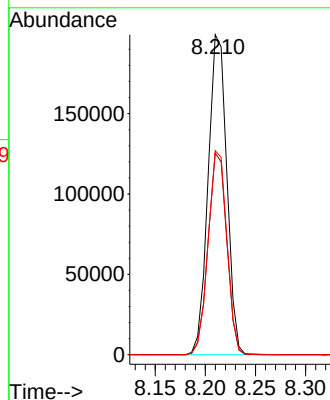
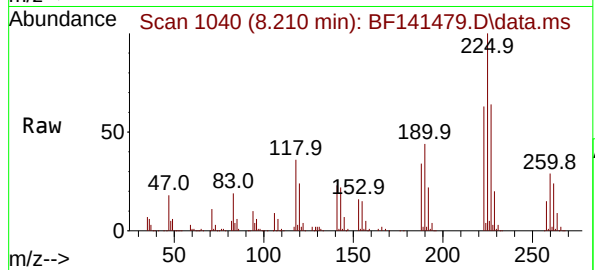




#34
Hexachlorobutadiene
Concen: 78.628 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

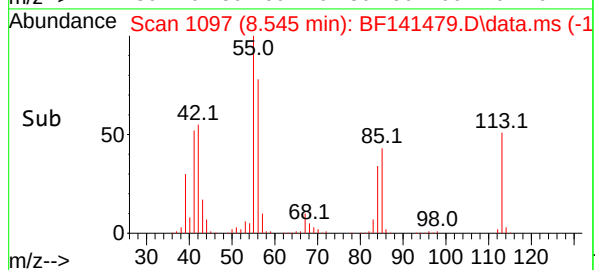
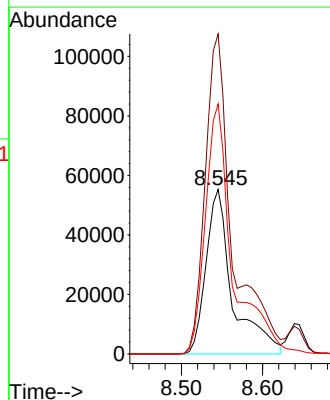
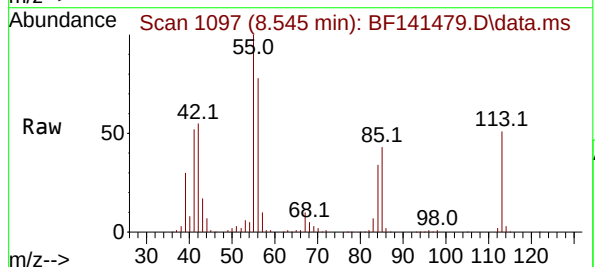
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

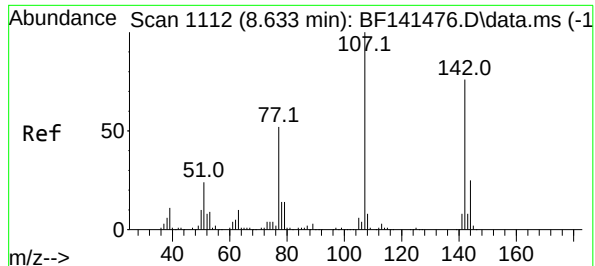
Tgt Ion:225 Resp: 257532
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 63.8 51.0 76.6



#35
Caprolactam
Concen: 82.350 ng
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:113 Resp: 125619
Ion Ratio Lower Upper
113 100
55 194.6 180.8 220.8
56 152.1 133.6 173.6

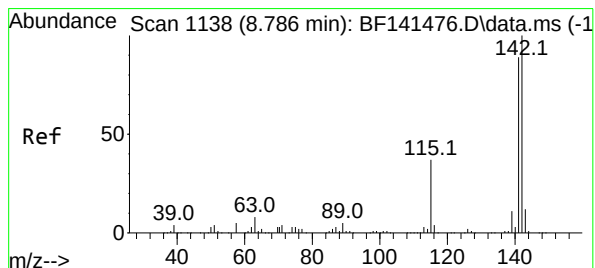
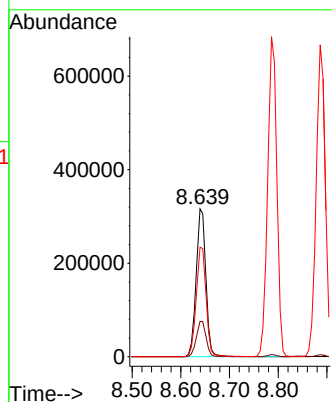
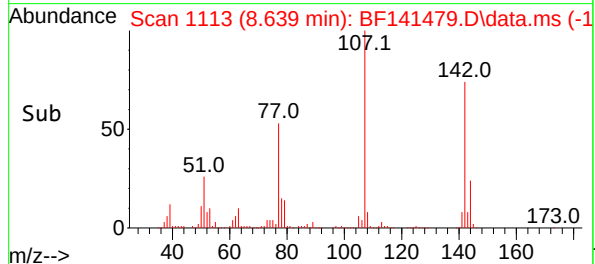
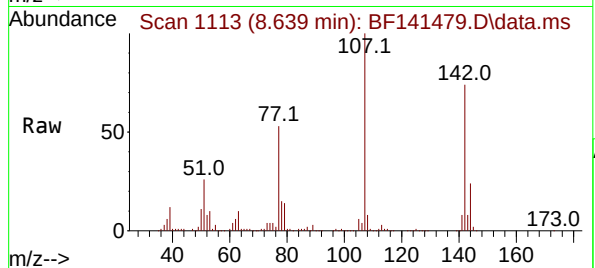




#36
4-Chloro-3-methylphenol
Concen: 79.630 ng
RT: 8.639 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

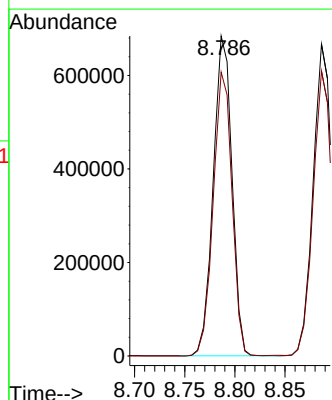
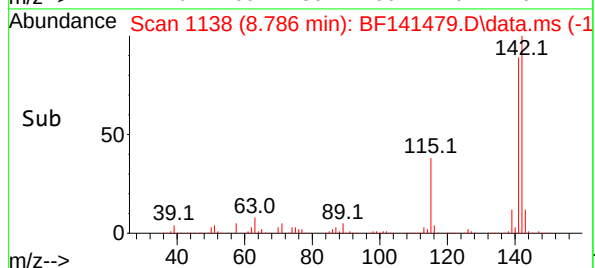
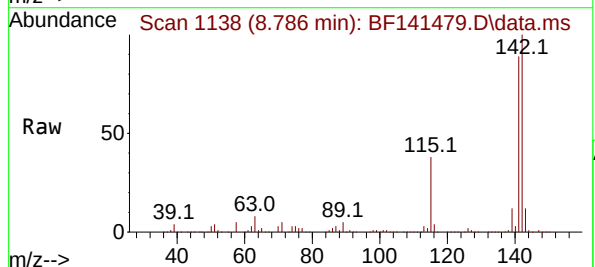
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

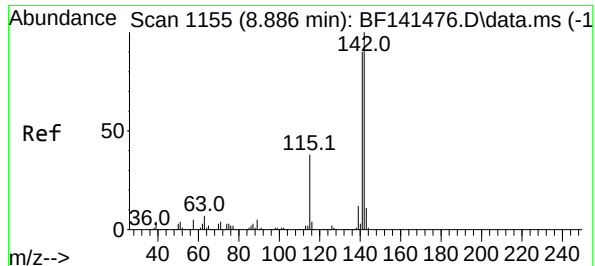
Tgt Ion:107 Resp: 441925
Ion Ratio Lower Upper
107 100
144 23.9 19.7 29.5
142 74.0 60.8 91.2



#37
2-Methylnaphthalene
Concen: 76.975 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:142 Resp: 889774
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8





#38

1-Methylnaphthalene

Concen: 76.983 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

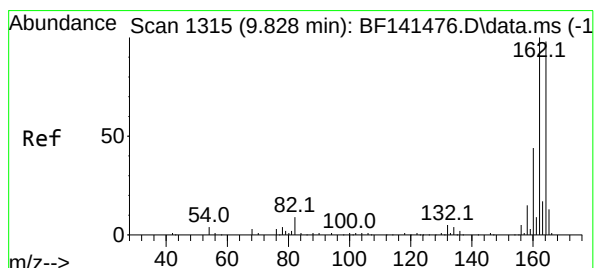
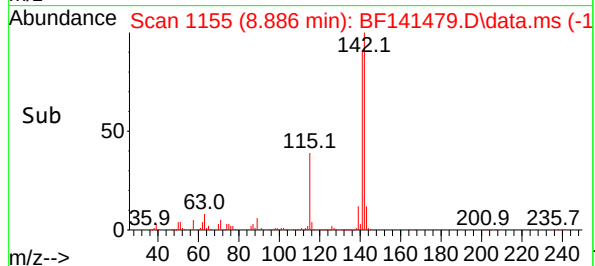
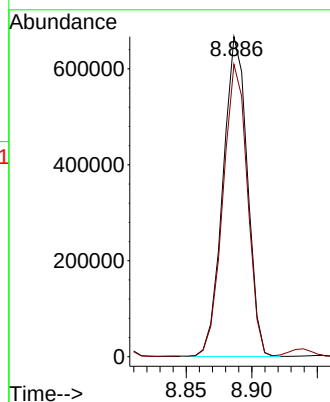
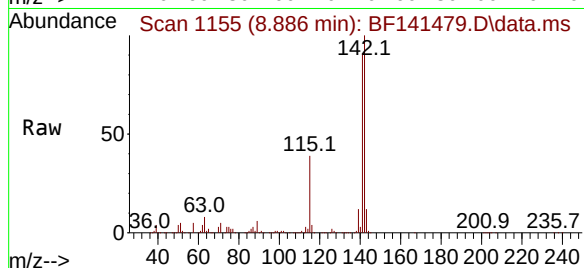
SSTDICC080

Tgt Ion:142 Resp: 861860

Ion Ratio Lower Upper

142 100

141 91.3 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

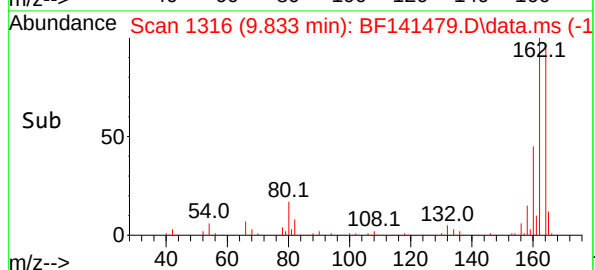
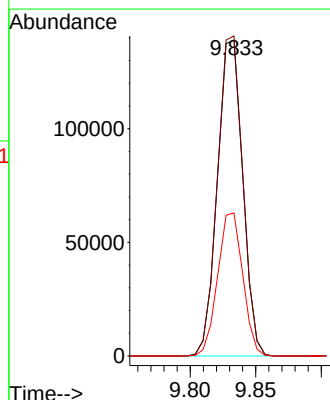
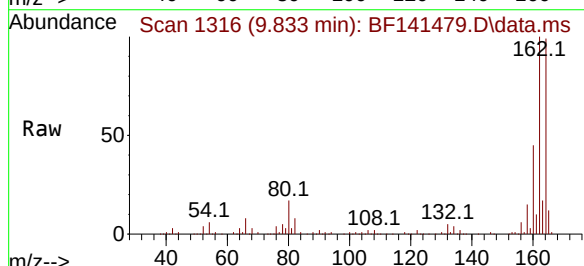
Tgt Ion:164 Resp: 186230

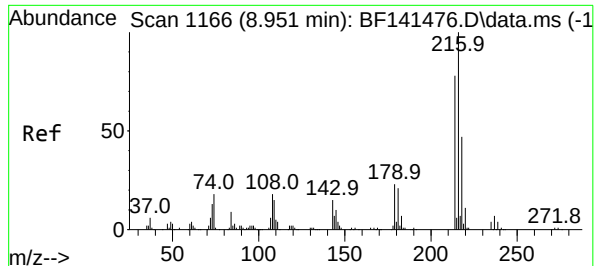
Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 45.3 35.9 53.9





#40

1,2,4,5-Tetrachlorobenzene

Concen: 77.689 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 418579

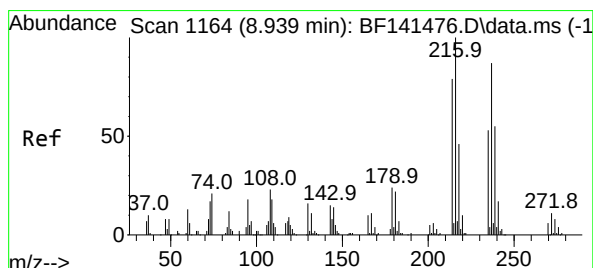
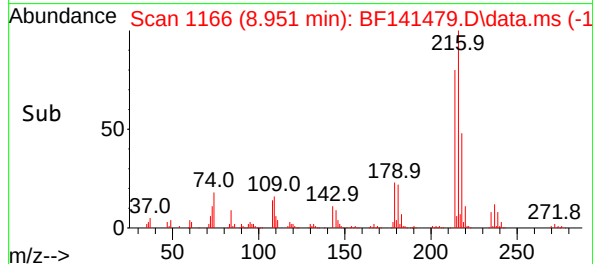
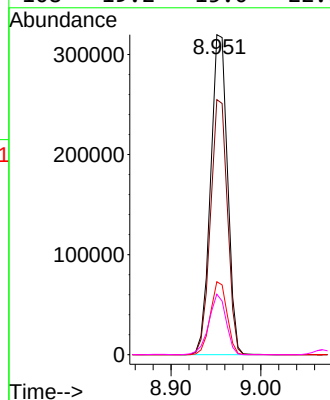
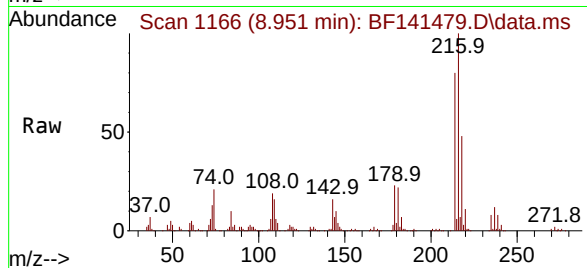
Ion Ratio Lower Upper

216 100

214 79.6 62.3 93.5

179 22.4 18.0 27.0

108 19.2 15.0 22.6



#41

Hexachlorocyclopentadiene

Concen: 88.965 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

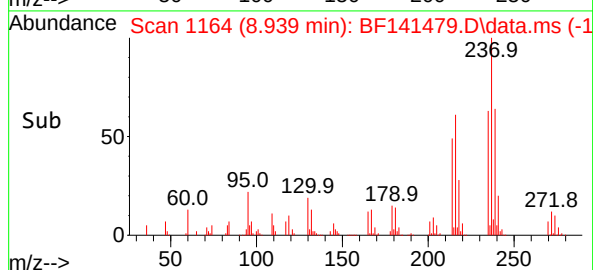
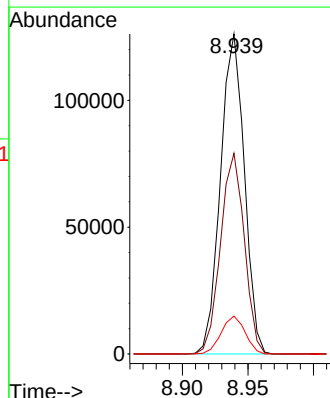
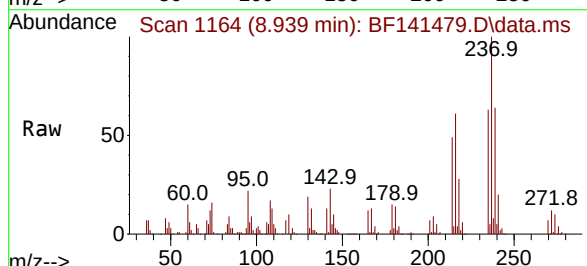
Tgt Ion:237 Resp: 159430

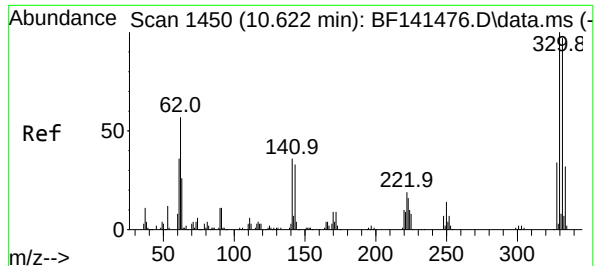
Ion Ratio Lower Upper

237 100

235 62.7 41.4 81.4

272 11.9 0.0 32.4





#42

2,4,6-Tribromophenol

Concen: 156.058 ng

RT: 10.627 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF141479.D

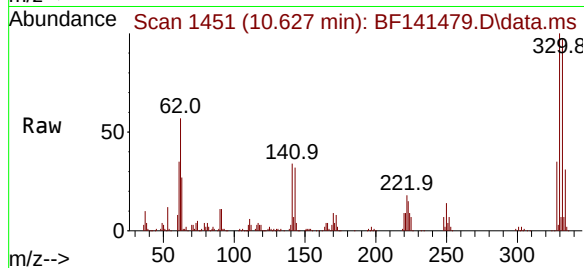
Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



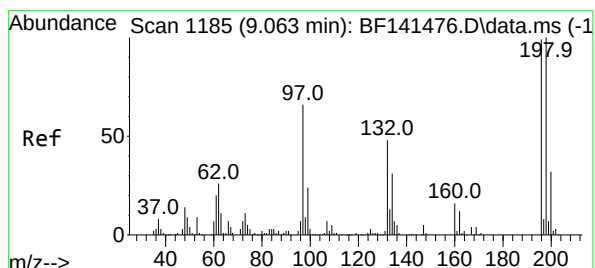
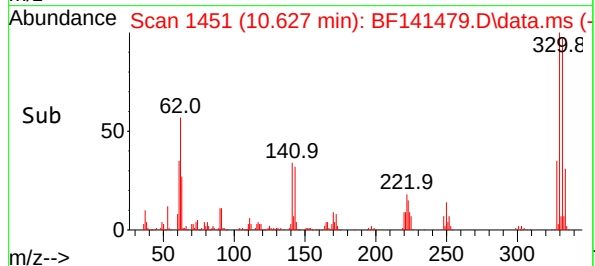
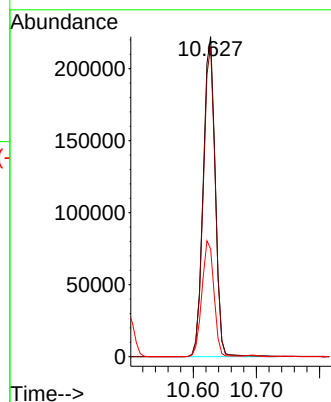
Tgt Ion:330 Resp: 291947

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

141 36.6 31.0 46.4



#43

2,4,6-Trichlorophenol

Concen: 79.591 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

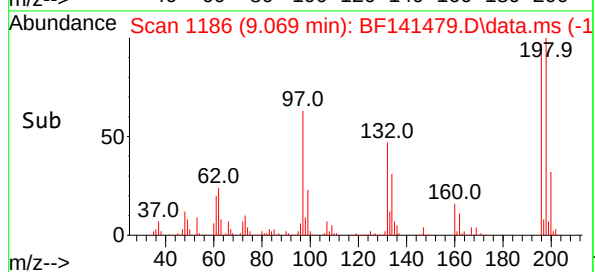
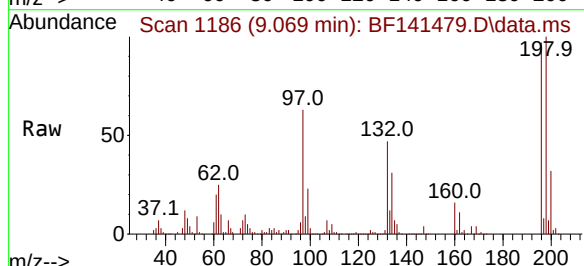
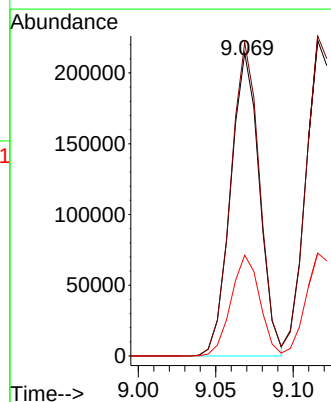
Tgt Ion:196 Resp: 277156

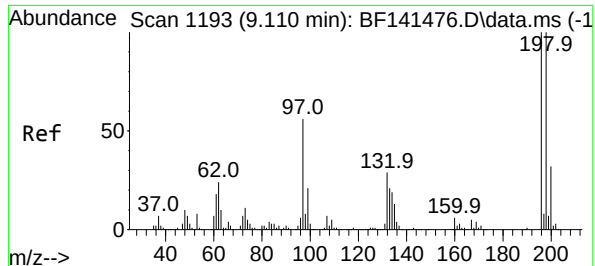
Ion Ratio Lower Upper

196 100

198 103.5 80.6 121.0

200 33.3 25.5 38.3





#44

2,4,5-Trichlorophenol

Concen: 79.189 ng

RT: 9.116 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF141479.D

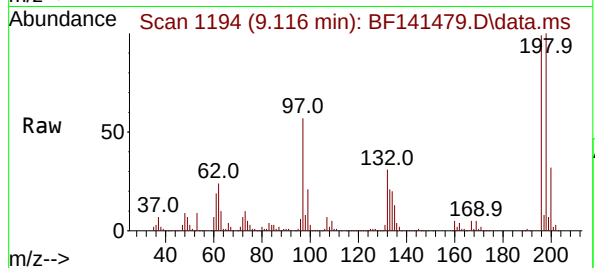
Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 298856

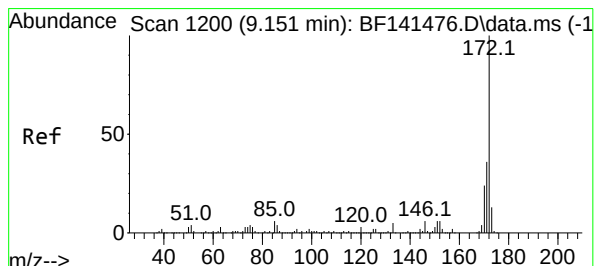
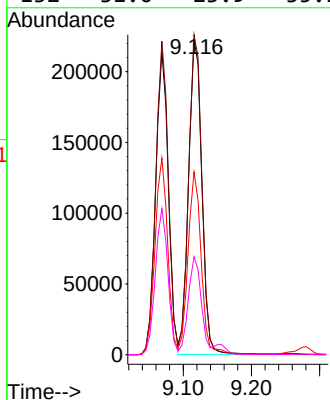
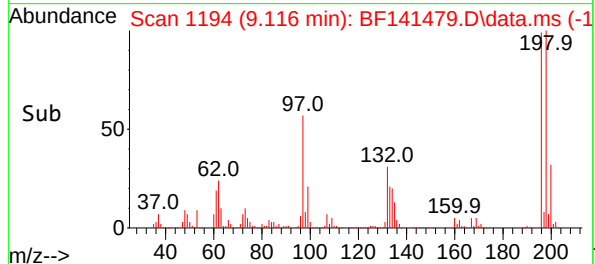
Ion Ratio Lower Upper

196 100

198 101.4 79.8 119.8

97 57.9 44.8 67.2

132 31.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 148.066 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

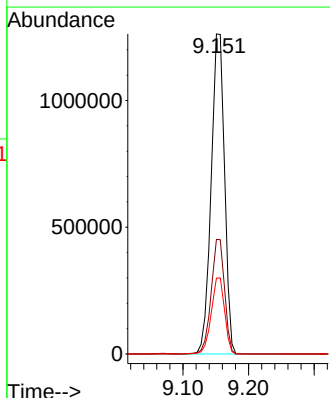
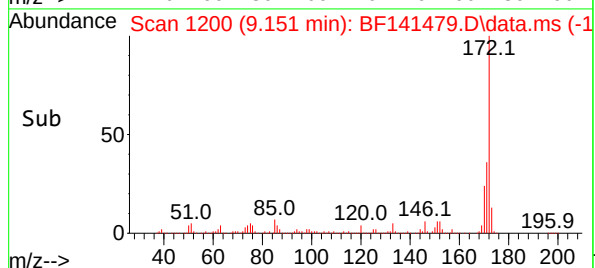
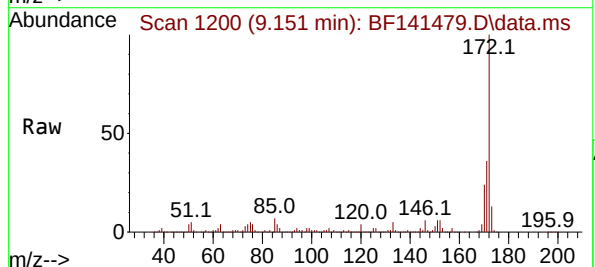
Tgt Ion:172 Resp: 1789795

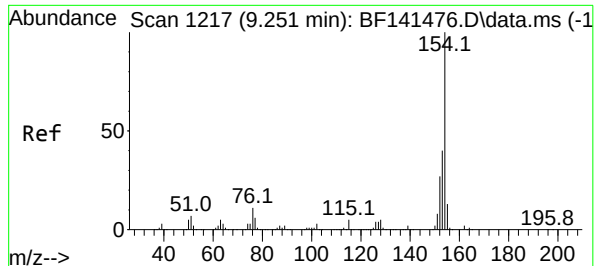
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.7 18.9 28.3





#46

1,1'-Biphenyl

Concen: 76.237 ng

RT: 9.257 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

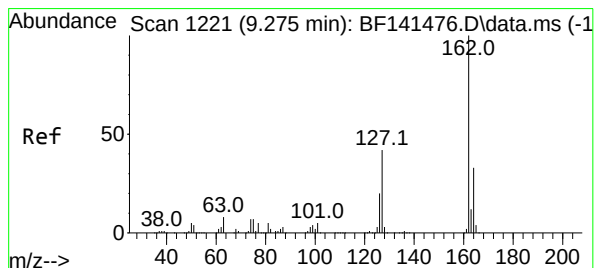
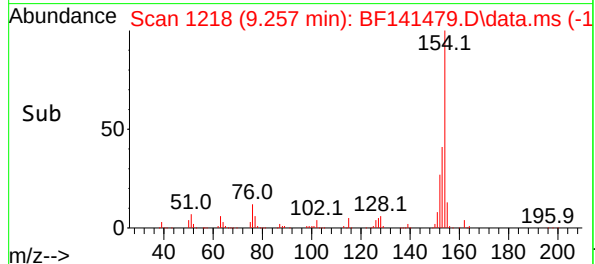
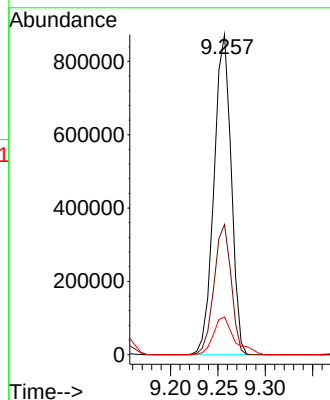
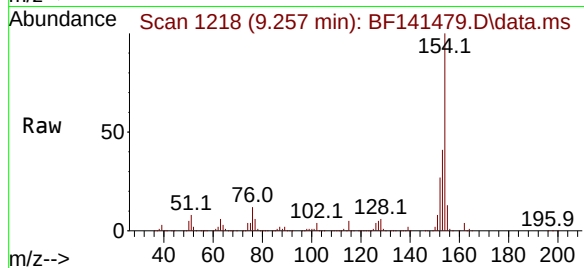
Tgt Ion:154 Resp: 1100720

Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.8 0.0 30.8



#47

2-Chloronaphthalene

Concen: 76.929 ng

RT: 9.280 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

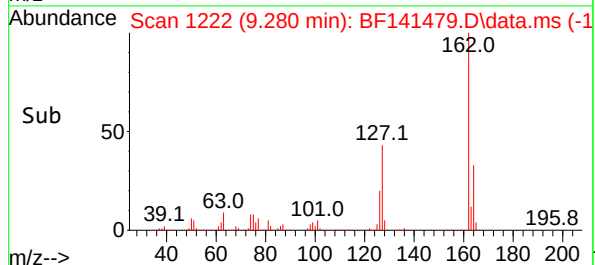
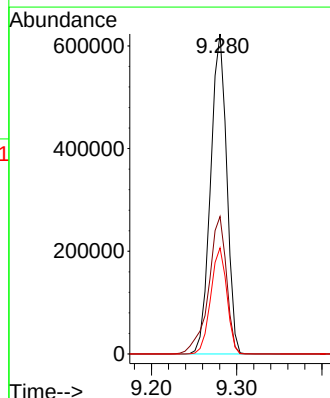
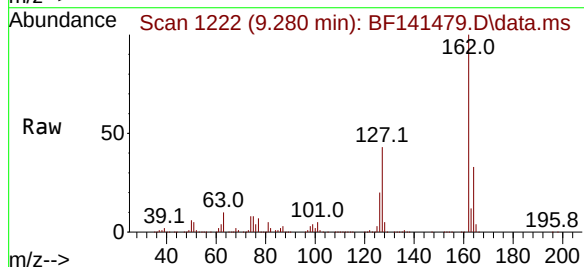
Tgt Ion:162 Resp: 821334

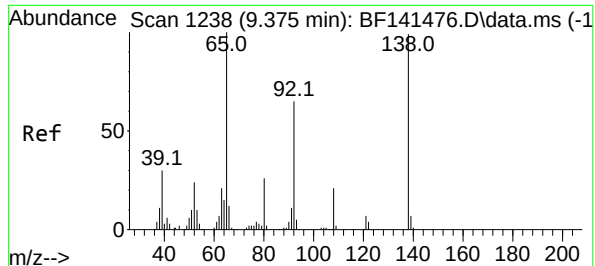
Ion Ratio Lower Upper

162 100

127 43.0 34.1 51.1

164 33.2 26.3 39.5





#48

2-Nitroaniline

Concen: 79.969 ng

RT: 9.380 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

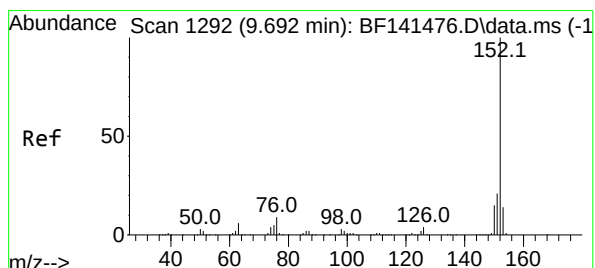
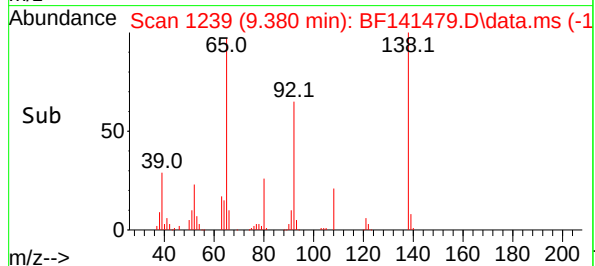
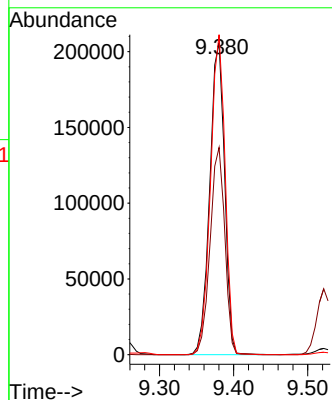
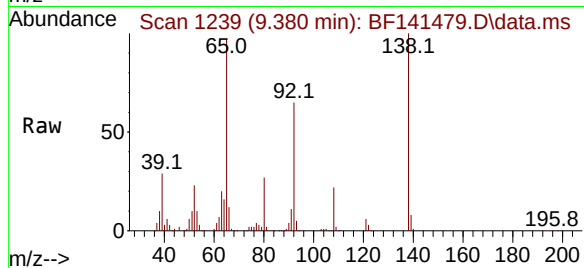
Tgt Ion: 65 Resp: 286532

Ion Ratio Lower Upper

65 100

92 66.4 52.2 78.2

138 102.6 79.5 119.3



#49

Acenaphthylene

Concen: 76.291 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

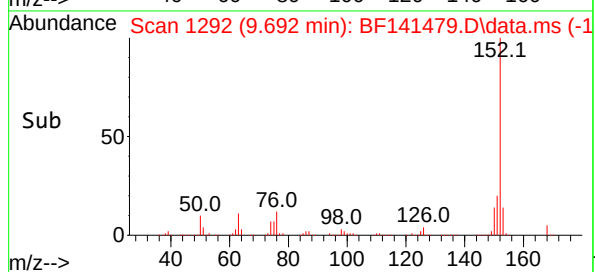
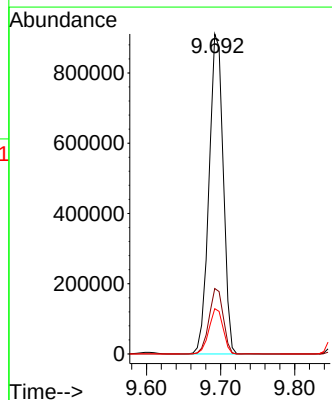
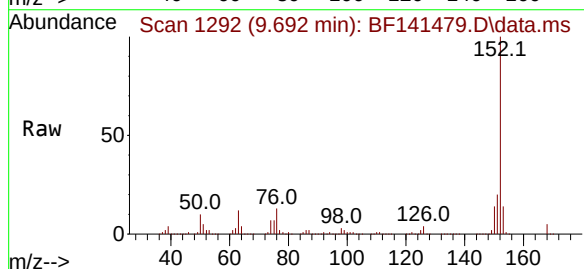
Tgt Ion: 152 Resp: 1211515

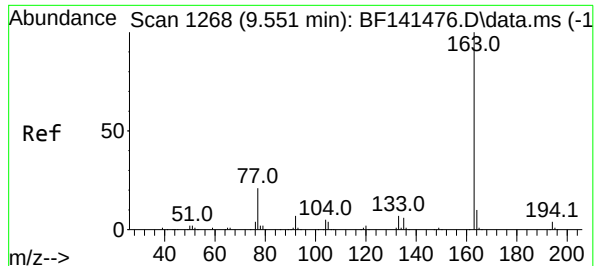
Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.1 10.9 16.3





#50

Dimethylphthalate

Concen: 79.265 ng

RT: 9.563 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

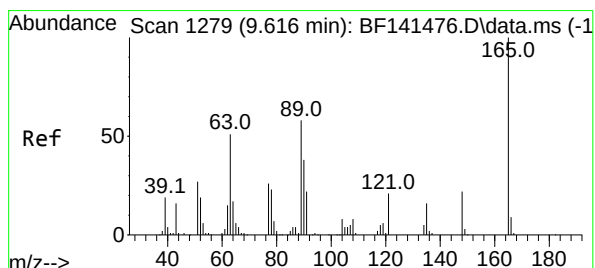
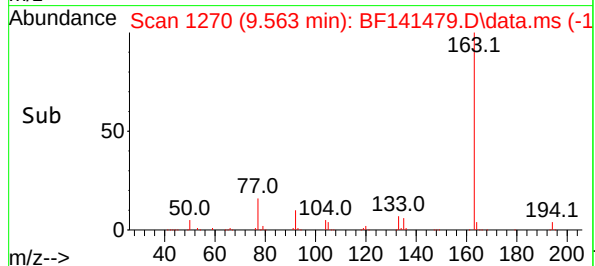
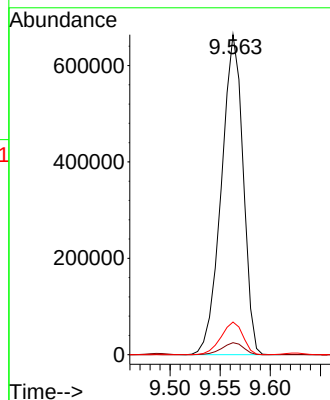
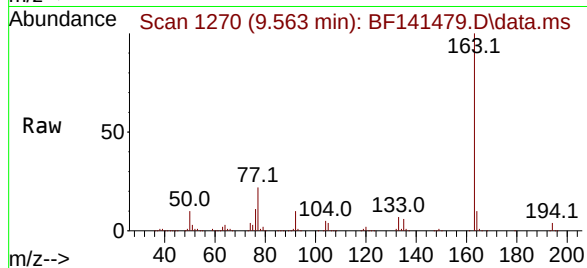
Tgt Ion:163 Resp: 1002121

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9



#51

2,6-Dinitrotoluene

Concen: 78.101 ng

RT: 9.622 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

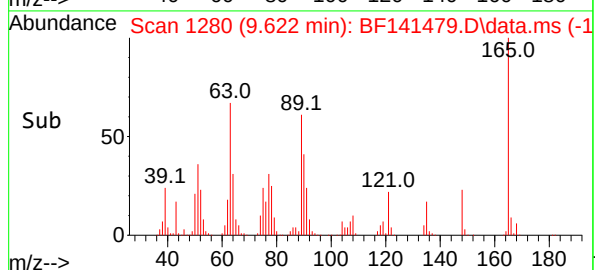
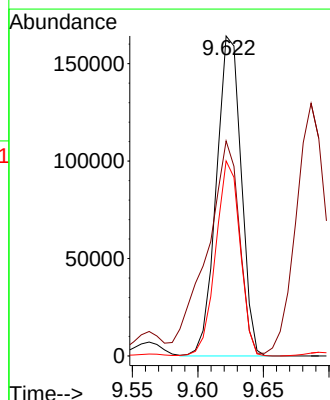
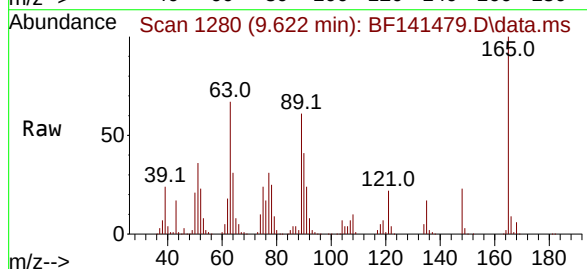
Tgt Ion:165 Resp: 215853

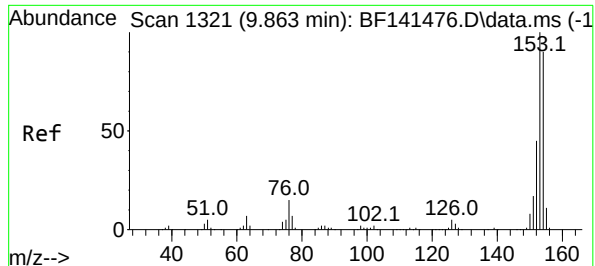
Ion Ratio Lower Upper

165 100

63 67.2 49.4 74.0

89 60.9 46.5 69.7

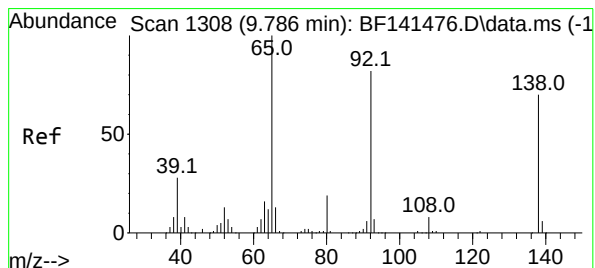
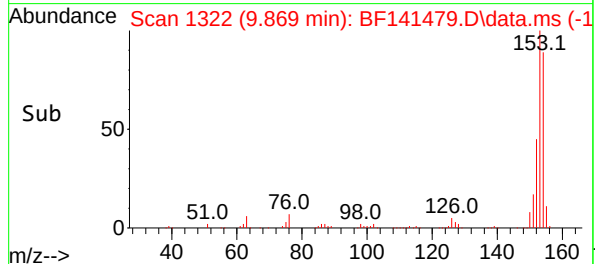
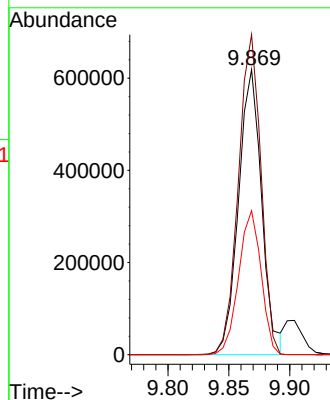
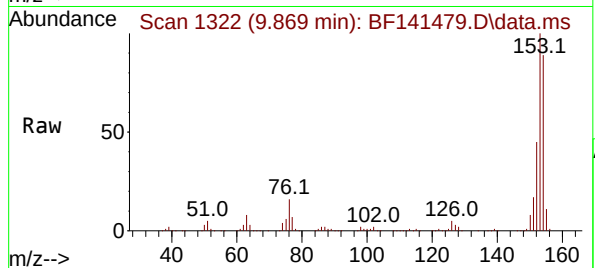




#52
Acenaphthene
Concen: 76.791 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

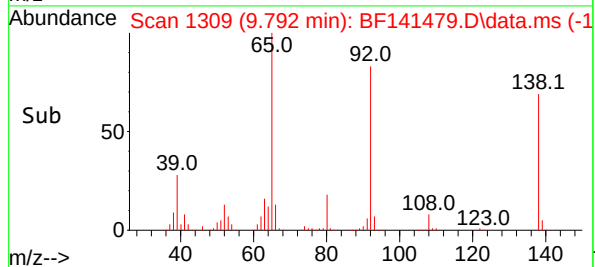
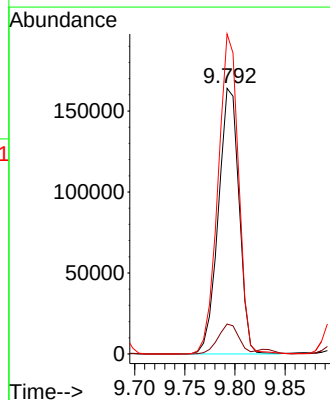
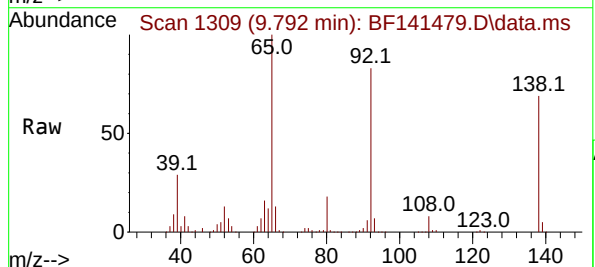
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

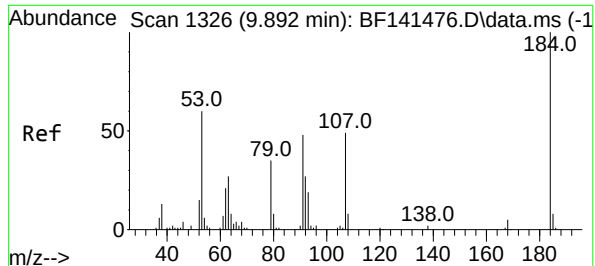
Tgt Ion:154 Resp: 819818
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 50.5 39.8 59.8



#53
3-Nitroaniline
Concen: 79.173 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:138 Resp: 235511
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 120.4 93.7 140.5





#54

2,4-Dinitrophenol

Concen: 89.960 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

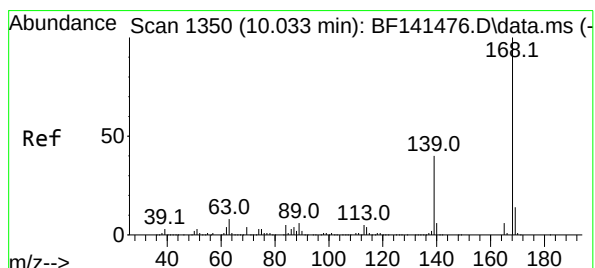
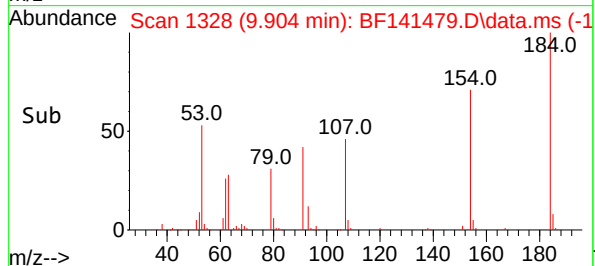
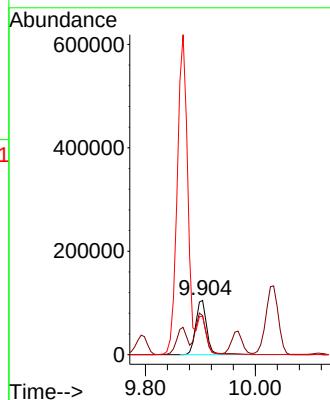
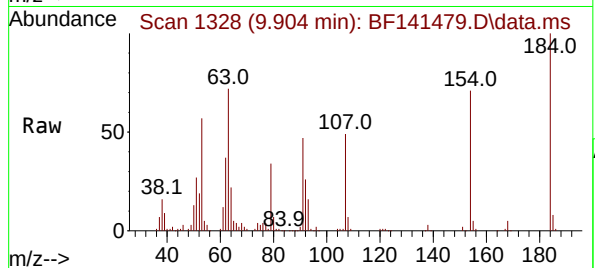
Tgt Ion:184 Resp: 147768

Ion Ratio Lower Upper

184 100

63 72.1 61.0 91.6

154 70.8 59.9 89.9



#55

Dibenzofuran

Concen: 74.928 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

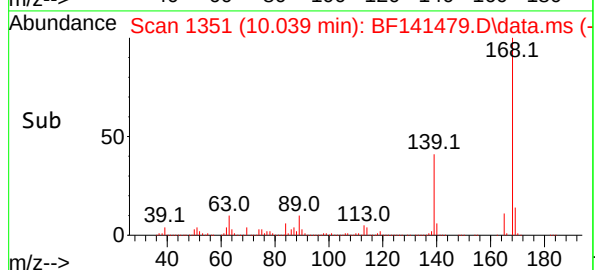
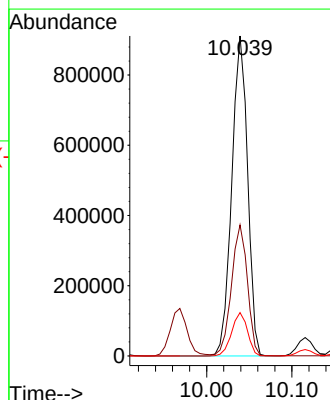
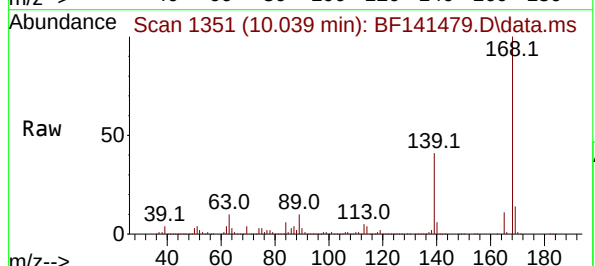
Tgt Ion:168 Resp: 1174157

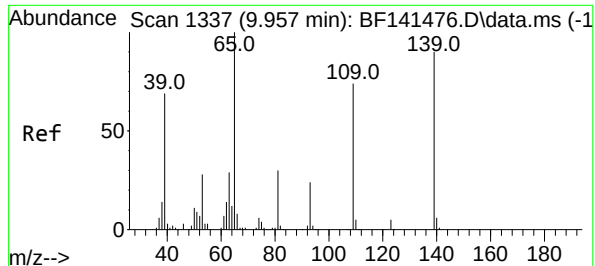
Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

169 13.6 10.8 16.2

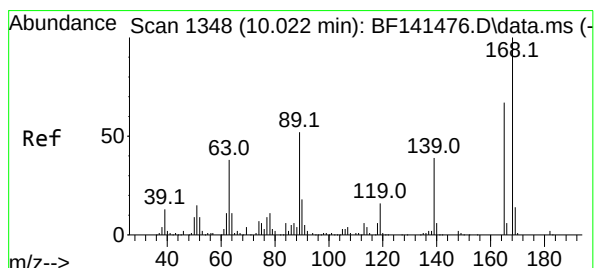
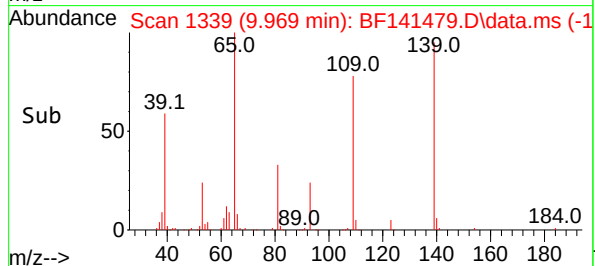
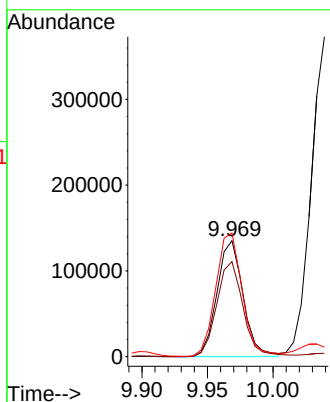
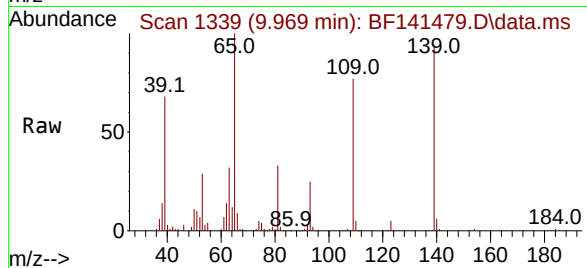




#56
4-Nitrophenol
Concen: 84.744 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

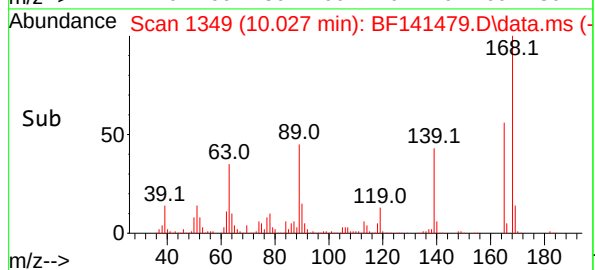
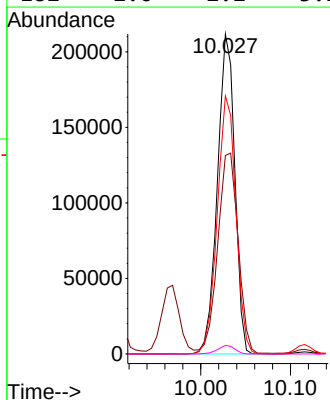
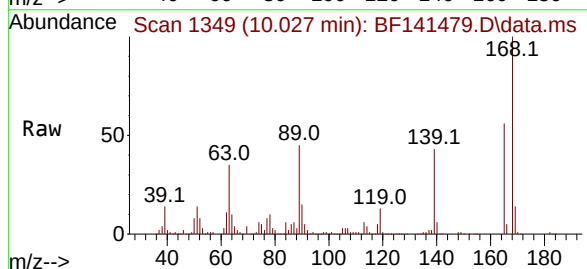
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

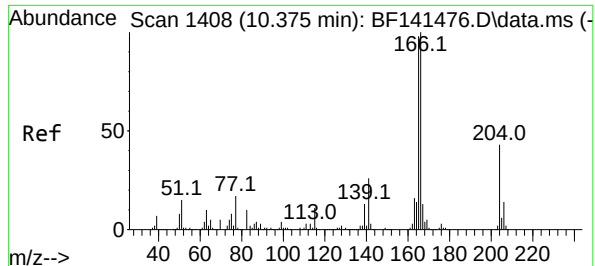
Tgt Ion:139 Resp: 187131
Ion Ratio Lower Upper
139 100
109 81.9 62.0 102.0
65 106.7 91.2 131.2



#57
2,4-Dinitrotoluene
Concen: 77.449 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:165 Resp: 284954
Ion Ratio Lower Upper
165 100
63 62.1 46.4 69.6
89 80.7 61.8 92.6
182 2.6 2.2 3.2

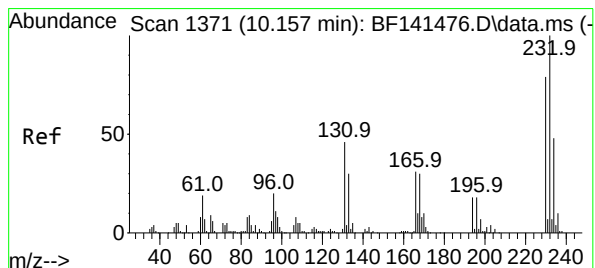
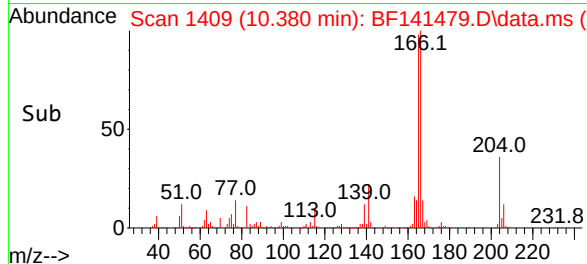
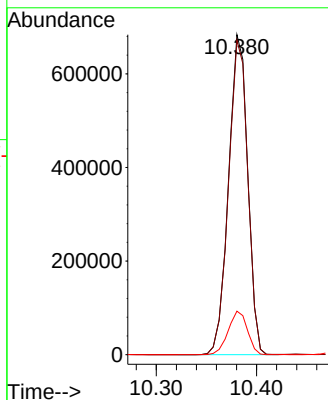
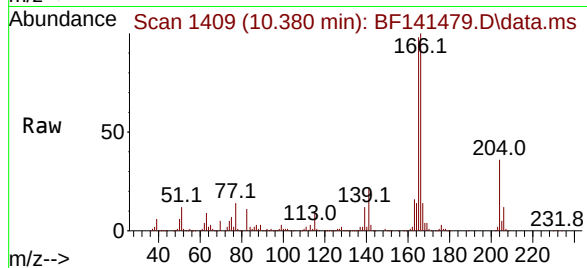




#58
Fluorene
Concen: 75.080 ng
RT: 10.380 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

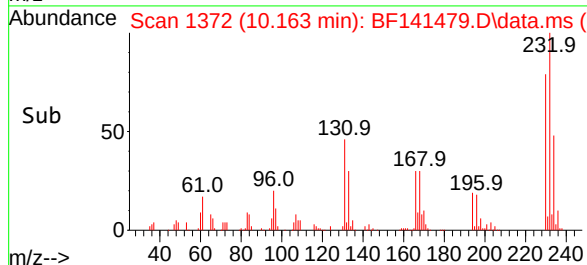
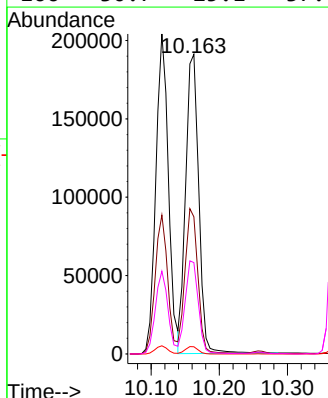
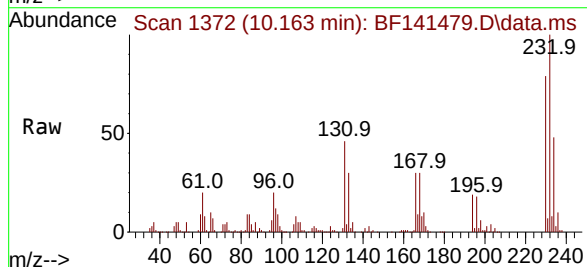
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

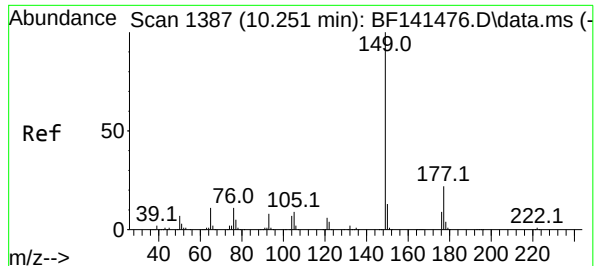
Tgt Ion:166 Resp: 909704
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 13.6 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 78.006 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:232 Resp: 253454
Ion Ratio Lower Upper
232 100
131 47.1 39.2 58.8
130 2.4 2.1 3.1
166 30.7 25.1 37.7

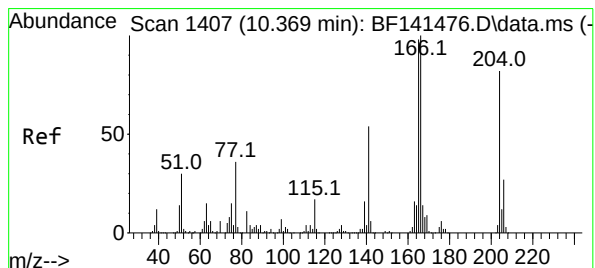
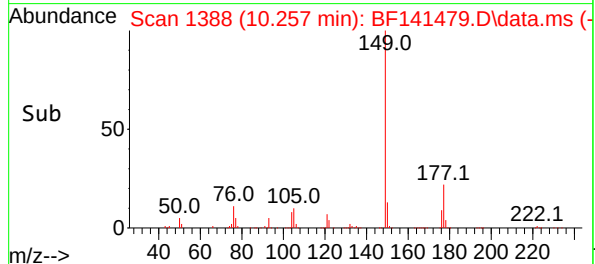
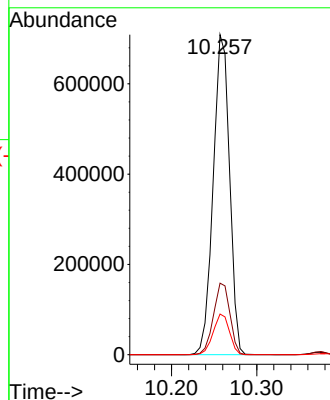
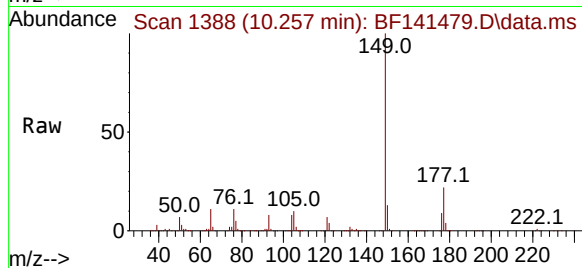




#60
Diethylphthalate
Concen: 75.995 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

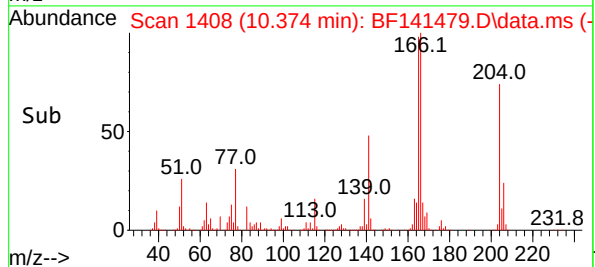
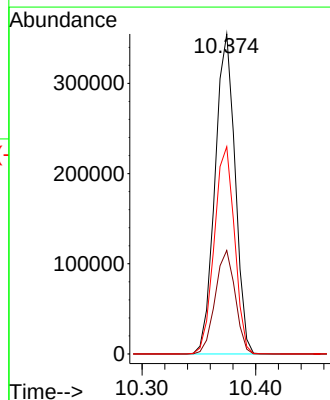
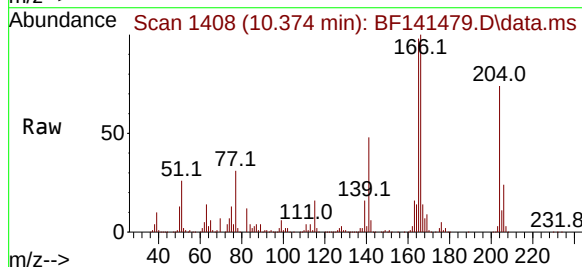
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

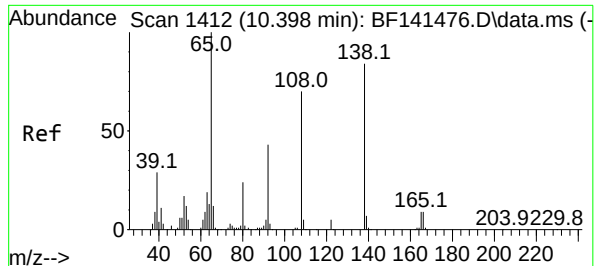
Tgt Ion:149 Resp: 945293
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.7 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 74.716 ng
RT: 10.374 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:204 Resp: 435522
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.8 51.9 77.9





#62

4-Nitroaniline

Concen: 79.873 ng

RT: 10.416 min Scan# 1415

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

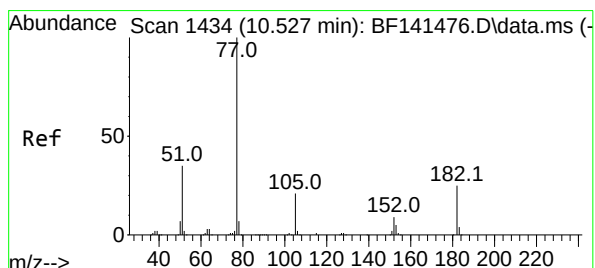
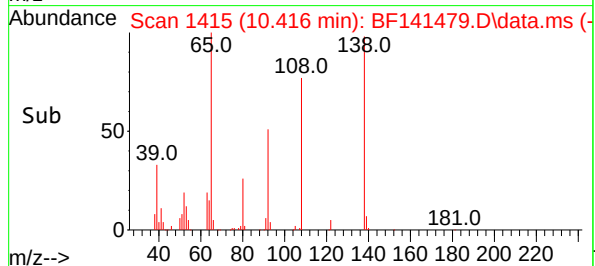
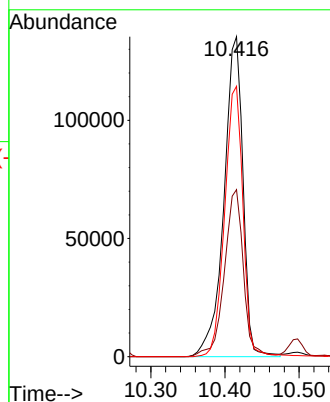
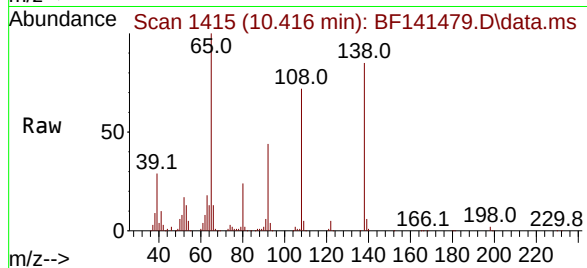
Tgt Ion:138 Resp: 241257

Ion Ratio Lower Upper

138 100

92 52.2 31.3 71.3

108 84.5 63.7 103.7



#63

Azobenzene

Concen: 77.931 ng

RT: 10.533 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Tgt Ion: 77 Resp: 963689

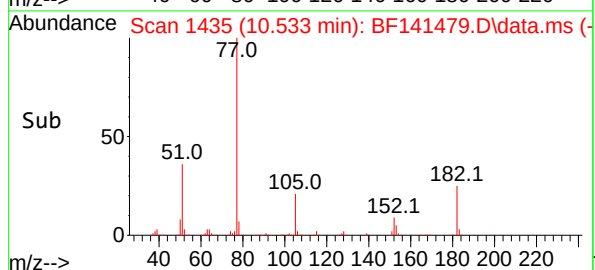
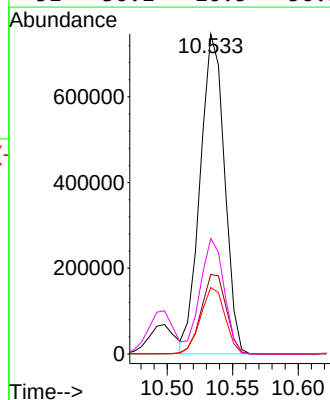
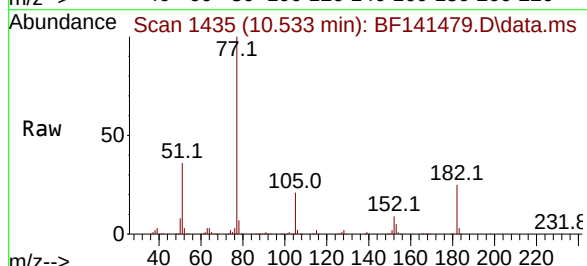
Ion Ratio Lower Upper

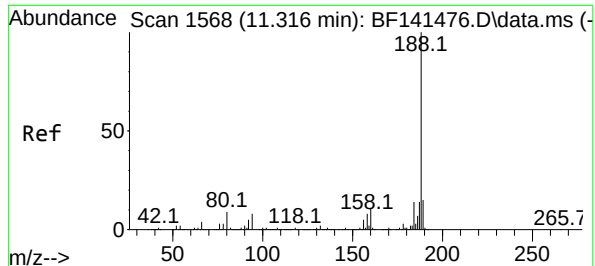
77 100

182 24.9 4.7 44.7

105 20.8 0.4 40.4

51 36.1 16.5 56.5

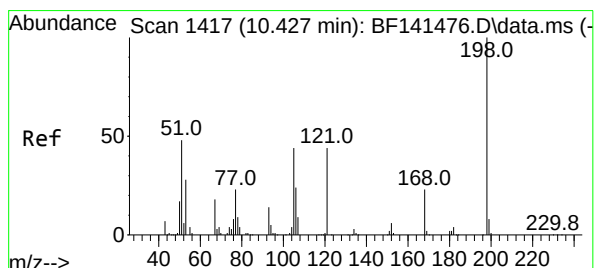
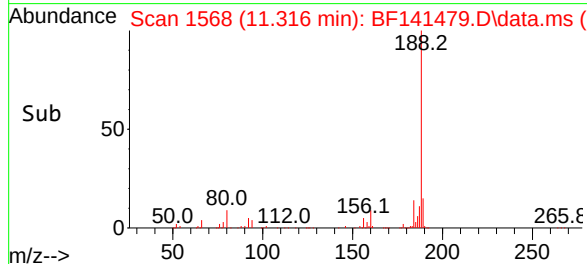
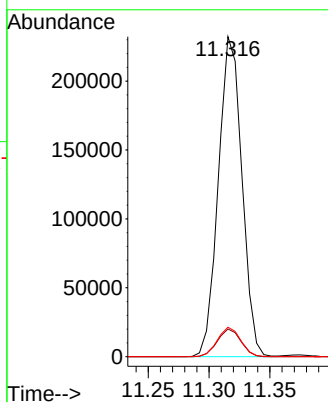
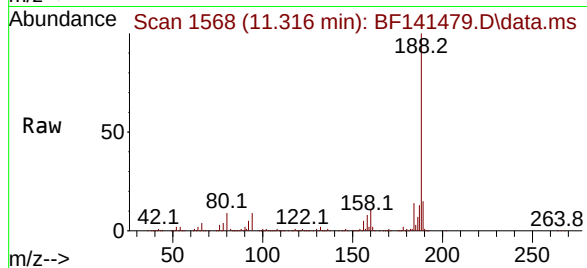




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

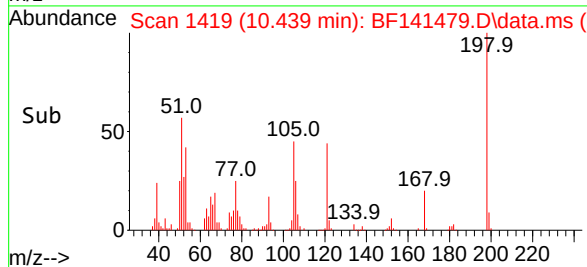
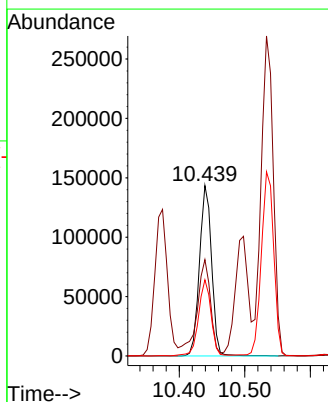
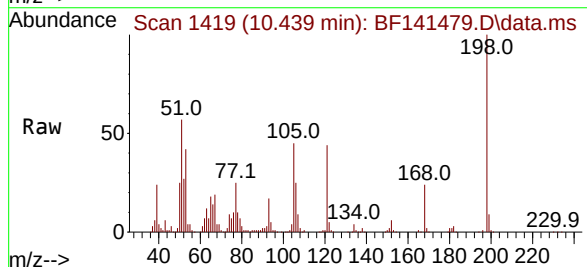
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

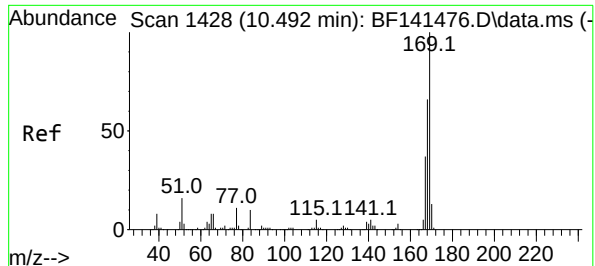
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.2	7.3	10.9



#65
4,6-Dinitro-2-methylphenol
Concen: 85.309 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.6	37.4	77.4
105	44.7	25.2	65.2

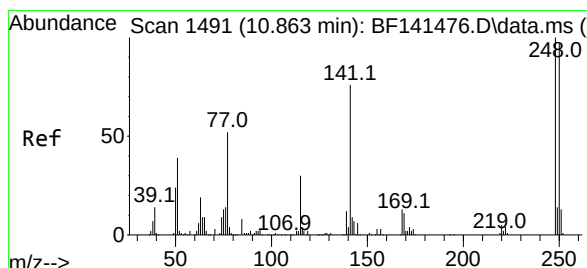
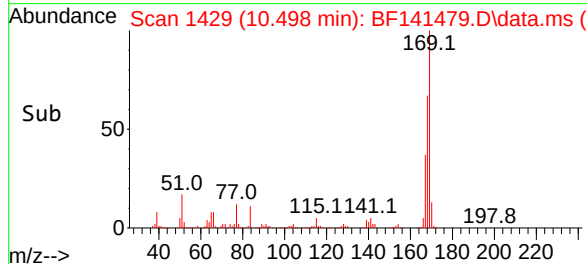
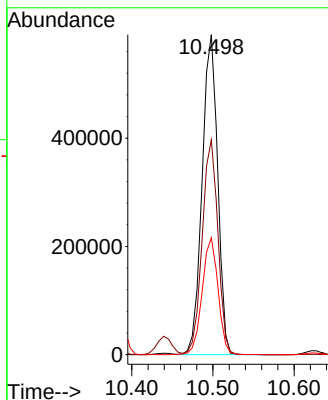
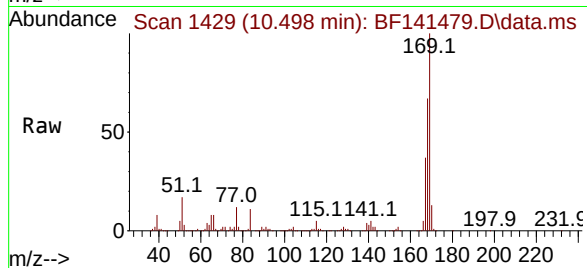




#66
n-Nitrosodiphenylamine
Concen: 78.404 ng
RT: 10.498 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

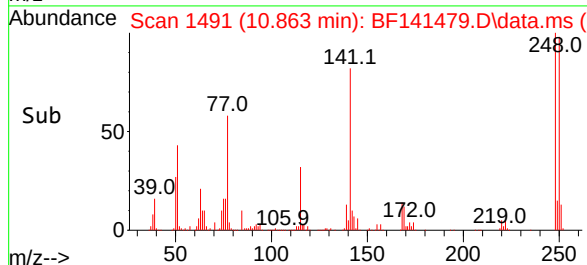
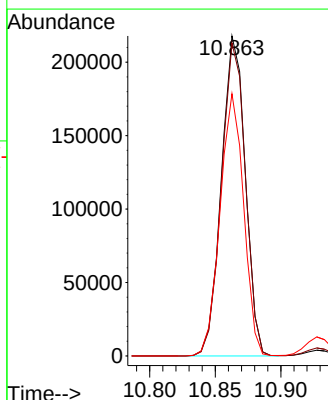
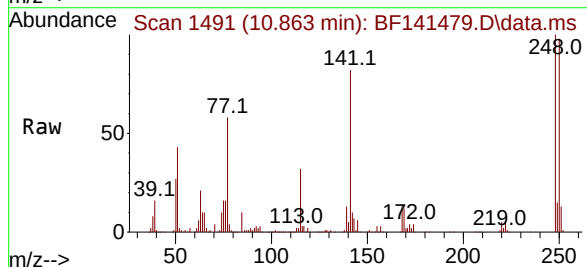
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

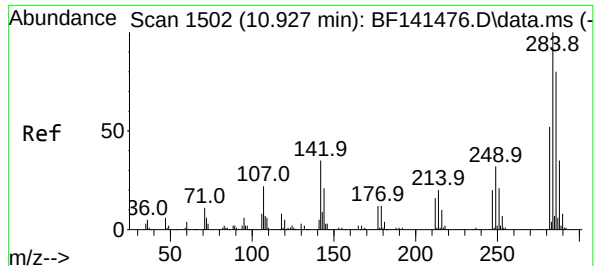
Tgt Ion:169 Resp: 785313
Ion Ratio Lower Upper
169 100
168 67.2 53.3 79.9
167 36.6 29.4 44.2



#67
4-Bromophenyl-phenylether
Concen: 78.988 ng
RT: 10.863 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:248 Resp: 276228
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 81.9 60.6 90.8

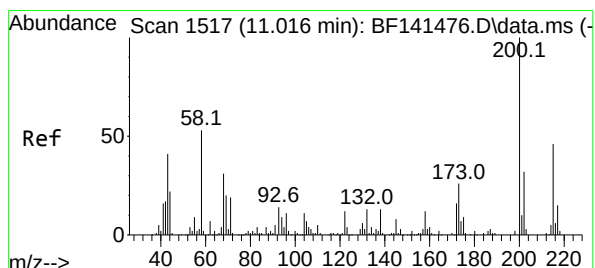
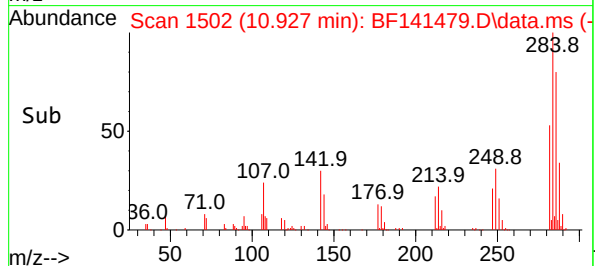
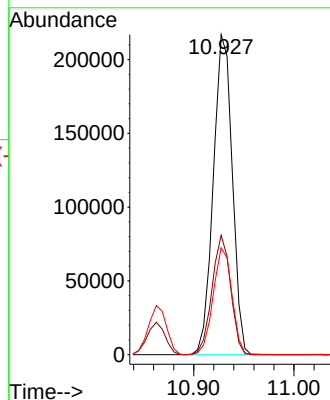
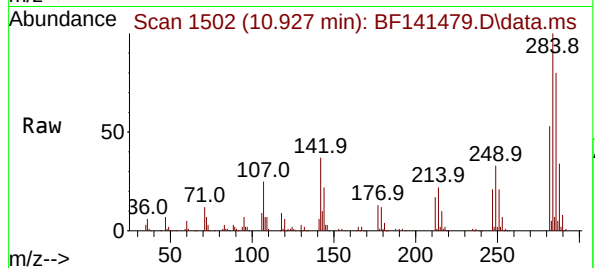




#68
Hexachlorobenzene
Concen: 79.174 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

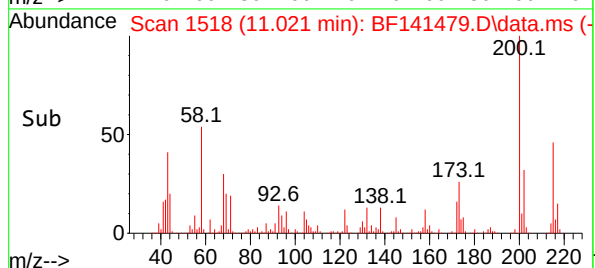
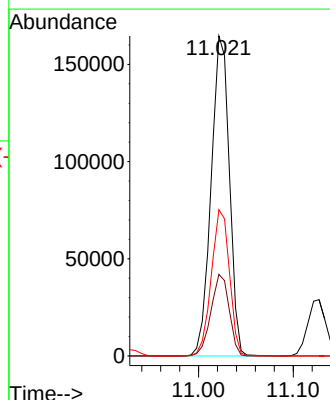
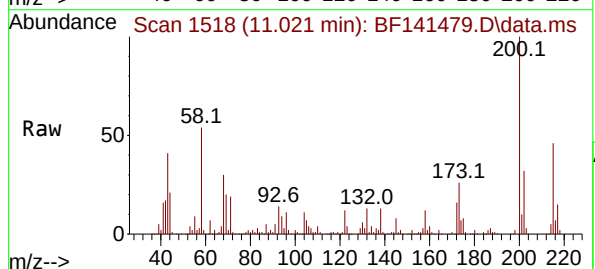
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

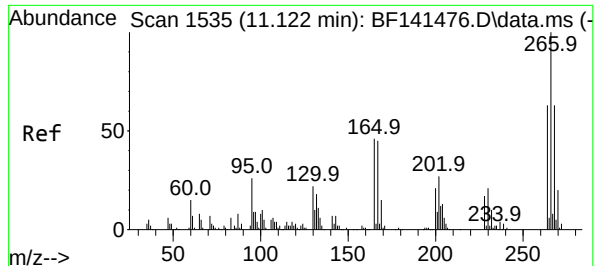
Tgt Ion:284 Resp: 285111
Ion Ratio Lower Upper
284 100
142 37.3 28.0 42.0
249 33.4 25.8 38.8



#69
Atrazine
Concen: 73.188 ng
RT: 11.021 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:200 Resp: 219923
Ion Ratio Lower Upper
200 100
173 25.5 5.9 45.9
215 45.7 25.9 65.9

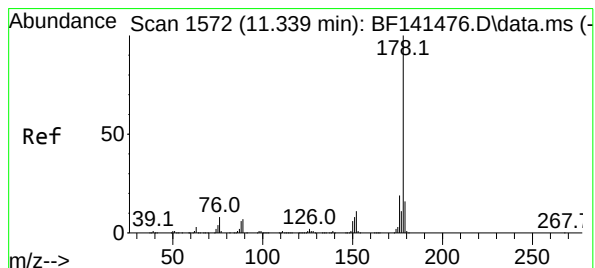
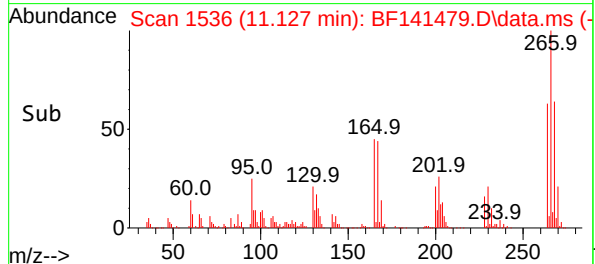
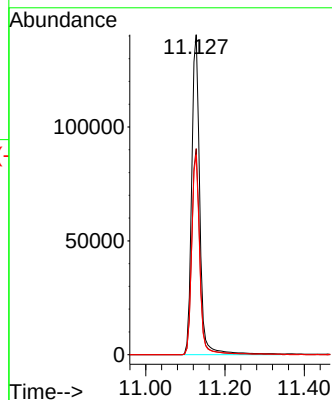
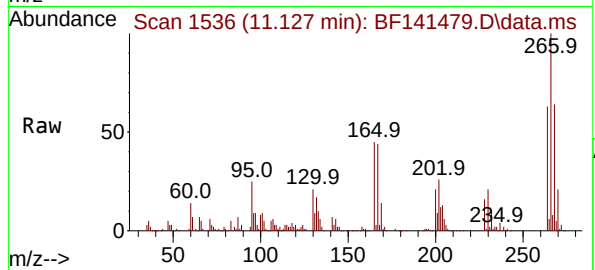




#70
Pentachlorophenol
Concen: 87.100 ng
RT: 11.127 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

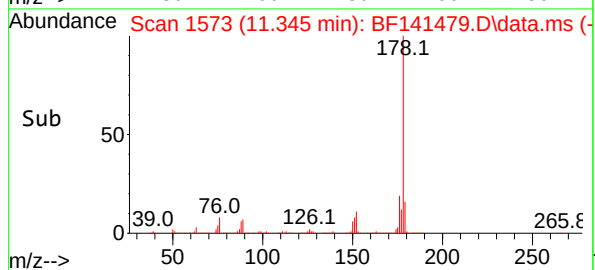
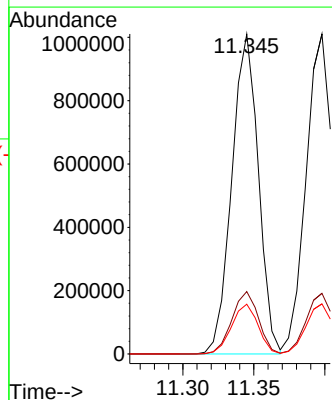
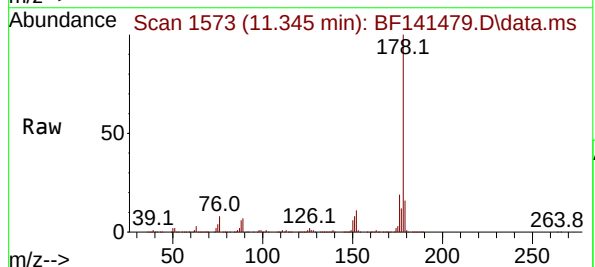
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

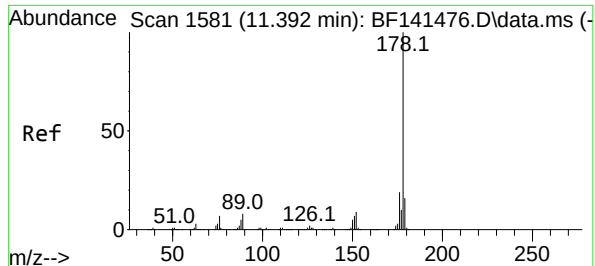
Tgt Ion:266 Resp: 200556
Ion Ratio Lower Upper
266 100
268 64.4 50.1 75.1
264 62.5 50.1 75.1



#71
Phenanthrene
Concen: 76.201 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:178 Resp: 1312474
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.6 12.4 18.6

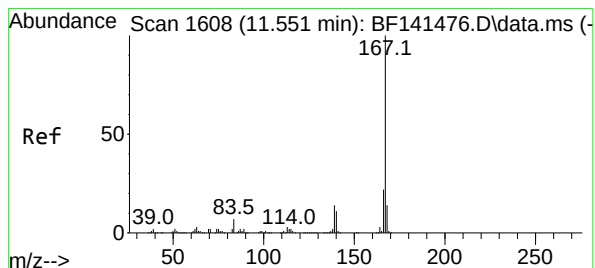
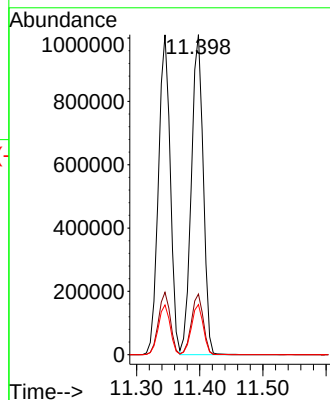
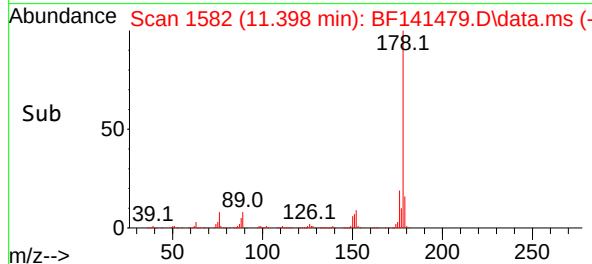
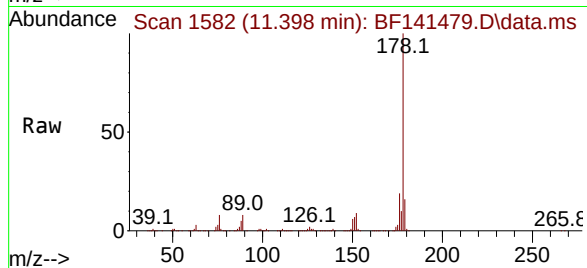




#72
Anthracene
Concen: 76.380 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

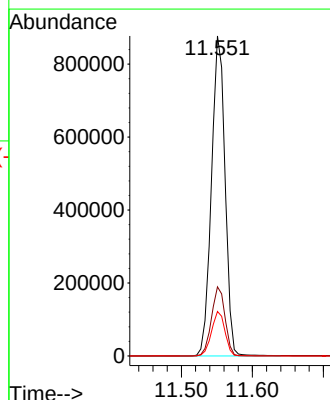
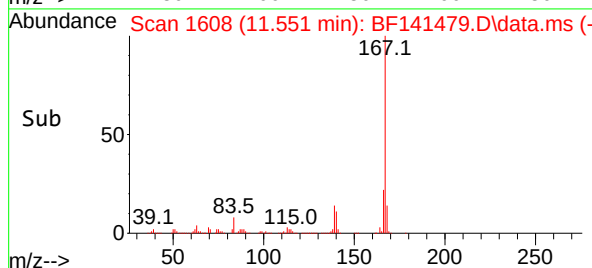
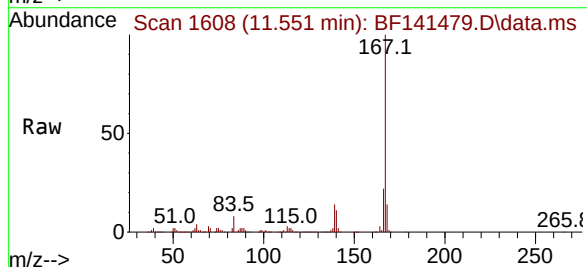
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

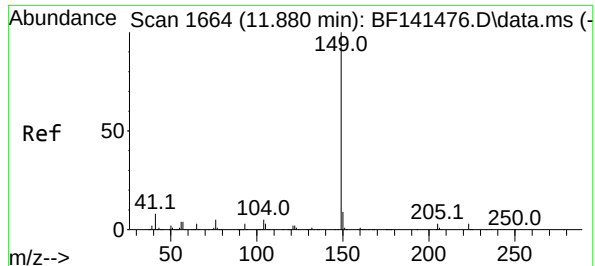
Tgt Ion:178 Resp: 1322462
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.6 12.4 18.6



#73
Carbazole
Concen: 74.989 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:167 Resp: 1168253
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.9 10.9 16.3

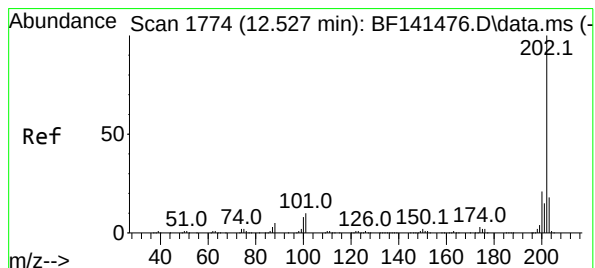
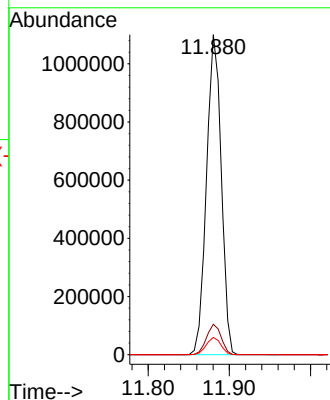
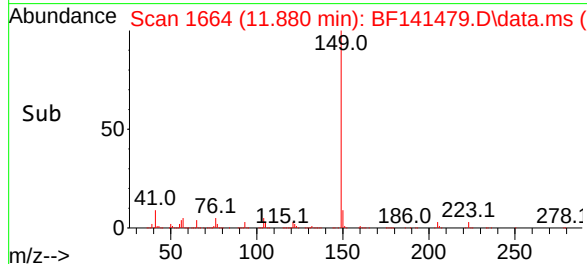
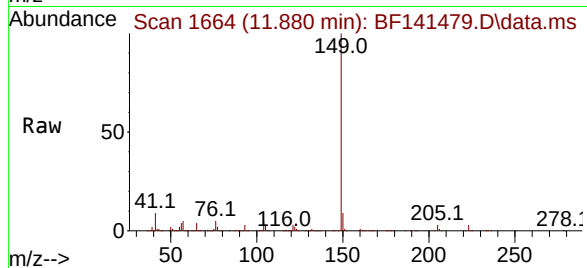




#74
Di-n-butylphthalate
Concen: 76.865 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

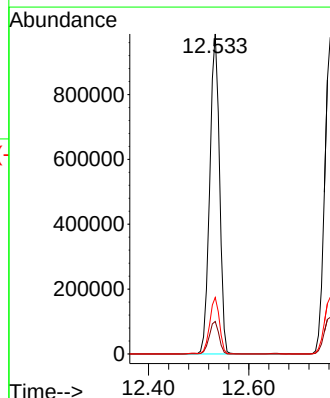
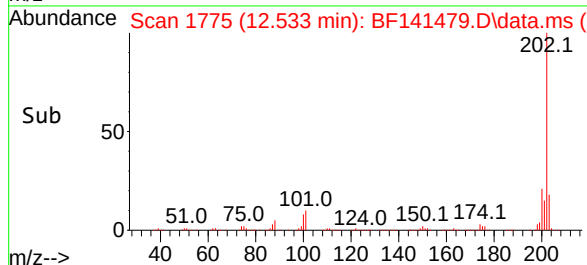
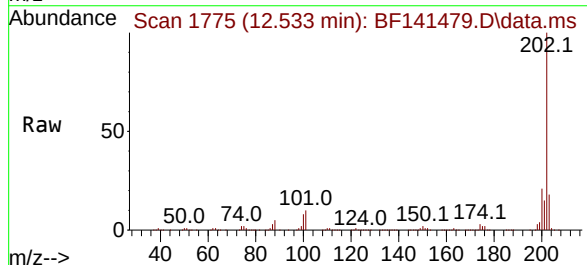
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

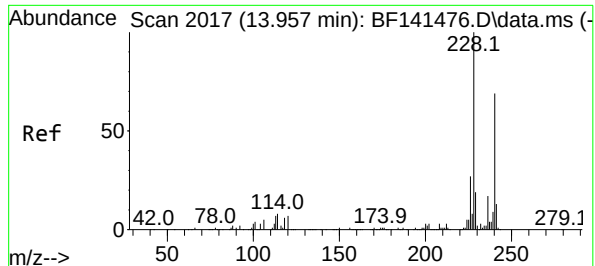
Tgt Ion:149 Resp: 1382706
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.4 4.2 6.2



#75
Fluoranthene
Concen: 73.011 ng
RT: 12.533 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:202 Resp: 1333237
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.6 0.0 37.6

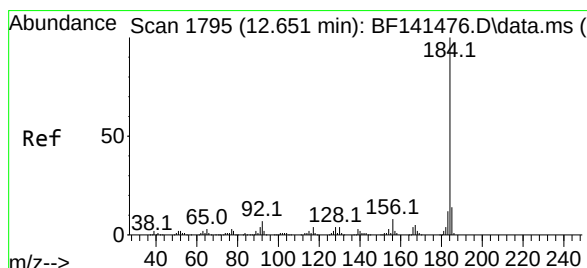
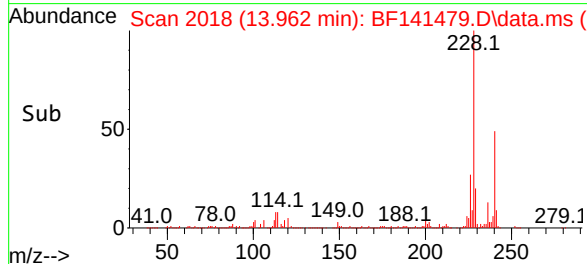
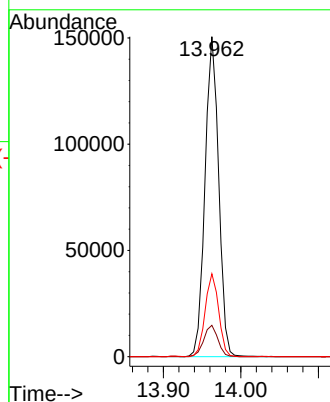
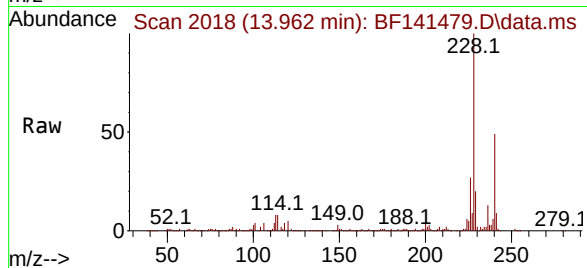




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

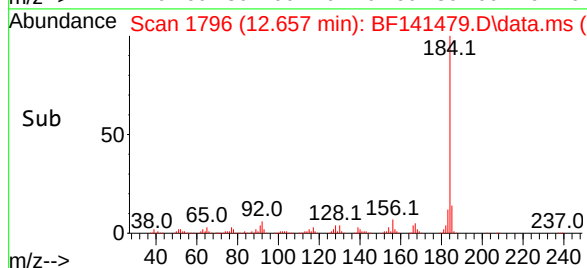
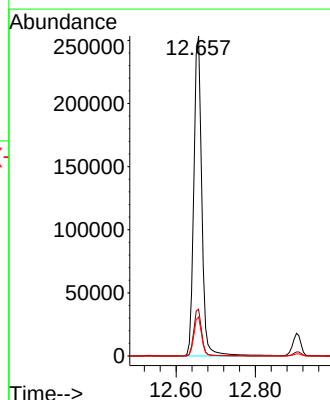
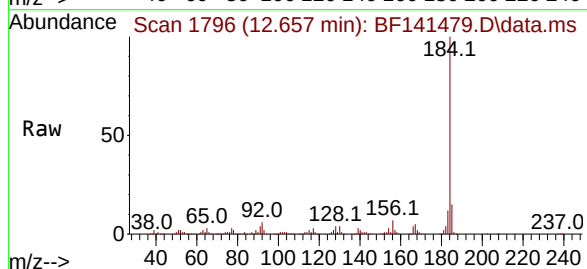
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

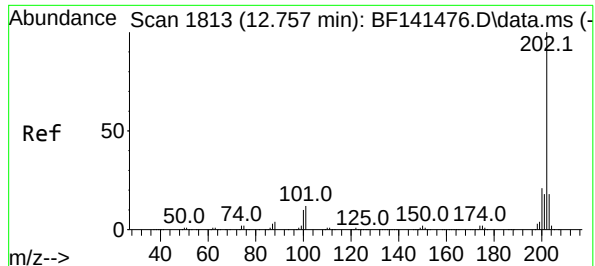
Tgt Ion:240 Resp: 184347
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.9 19.8 29.8



#77
Benzidine
Concen: 87.207 ng
RT: 12.657 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:184 Resp: 354555
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 12.1 9.3 13.9

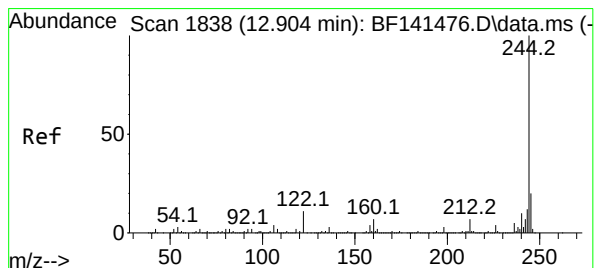
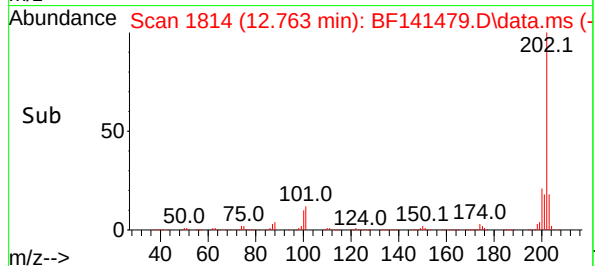
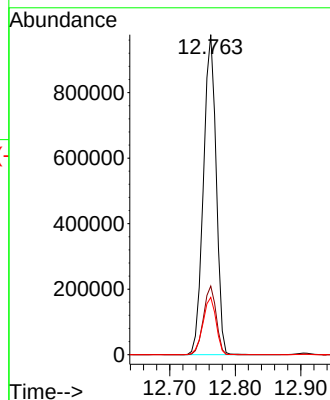
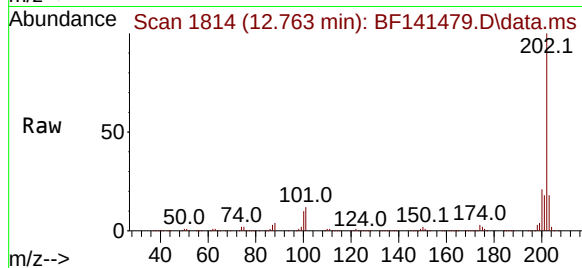




#78
Pyrene
Concen: 84.086 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

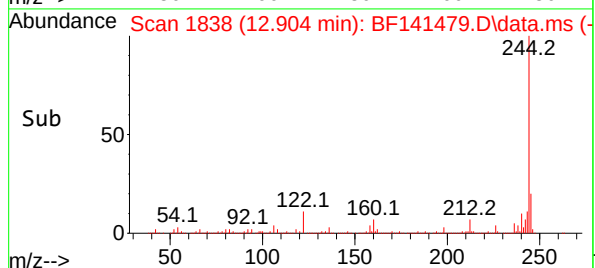
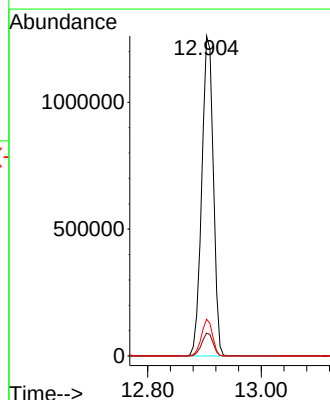
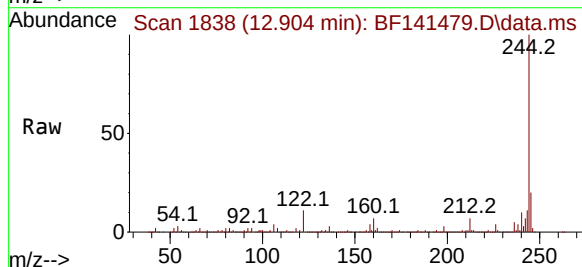
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

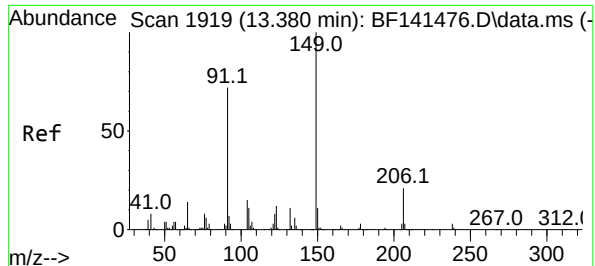
Tgt Ion:202 Resp: 1319554
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 14.3 21.5



#79
Terphenyl-d14
Concen: 163.152 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:244 Resp: 1781602
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.5 8.4 12.6

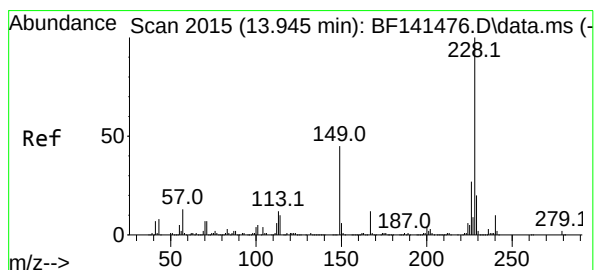
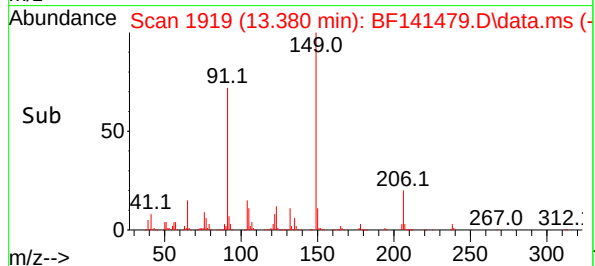
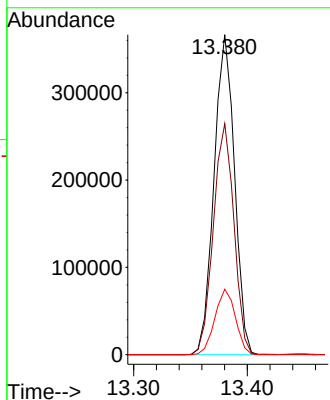
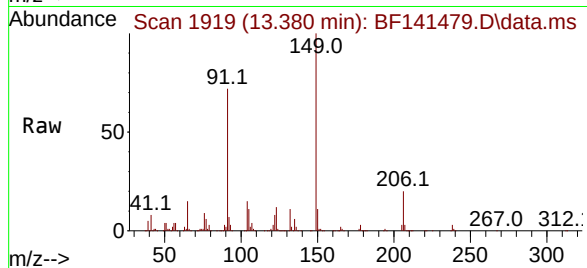




#80
Butylbenzylphthalate
Concen: 84.592 ng
RT: 13.380 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

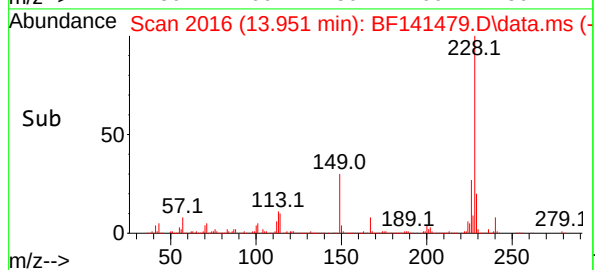
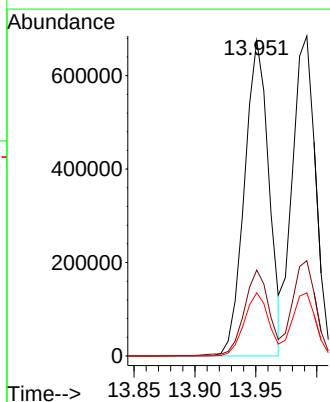
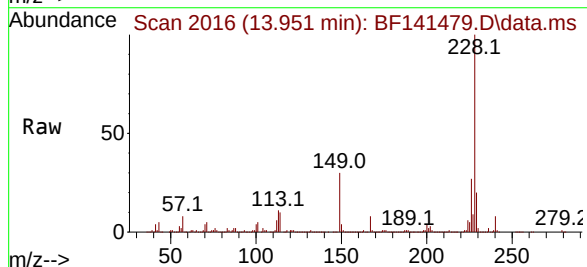
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

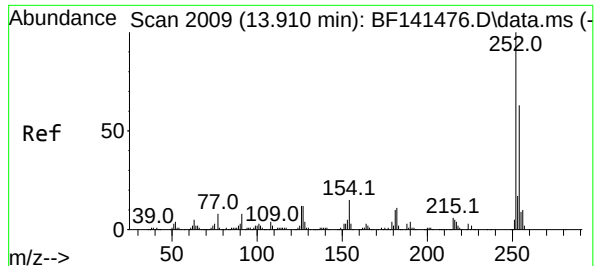
Tgt Ion:149 Resp: 459803
Ion Ratio Lower Upper
149 100
91 72.2 57.8 86.8
206 20.4 16.7 25.1



#81
Benzo(a)anthracene
Concen: 76.977 ng
RT: 13.951 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:228 Resp: 943291
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.0 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 75.143 ng

RT: 13.915 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

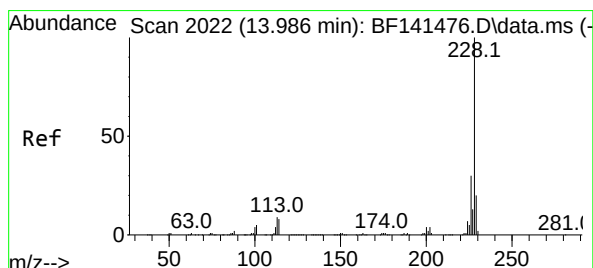
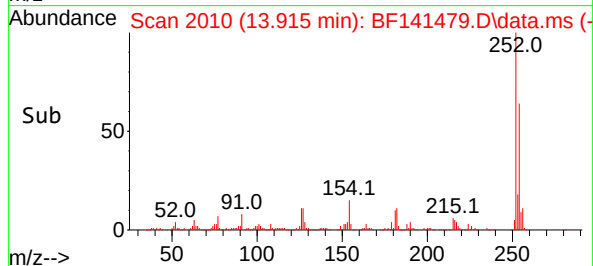
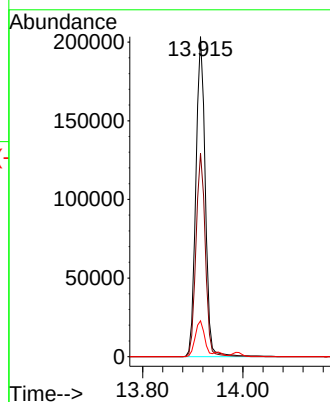
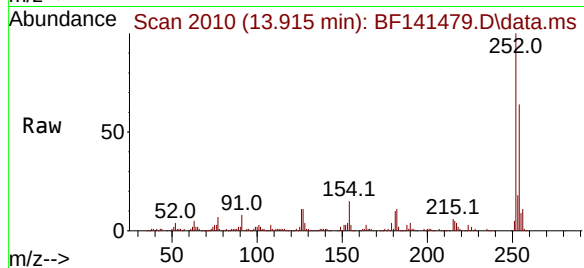
Tgt Ion:252 Resp: 263773

Ion Ratio Lower Upper

252 100

254 63.6 50.6 76.0

126 11.2 9.3 13.9



#83

Chrysene

Concen: 80.108 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

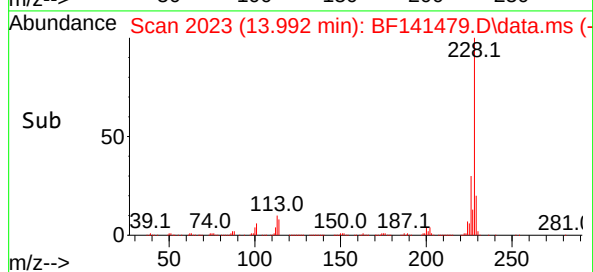
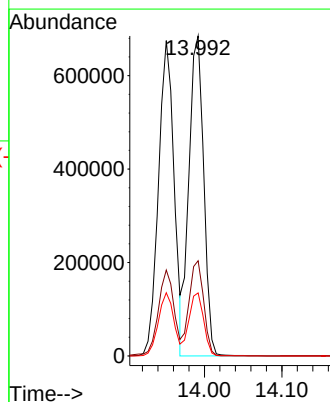
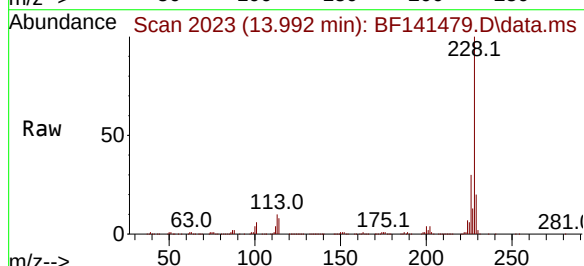
Tgt Ion:228 Resp: 906415

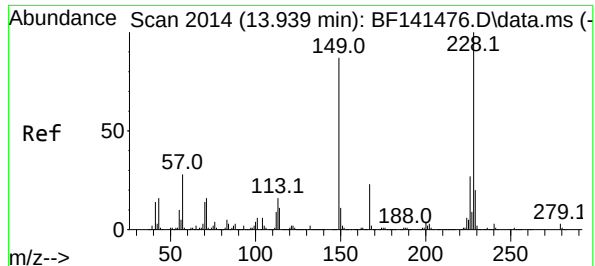
Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.7 15.7 23.5

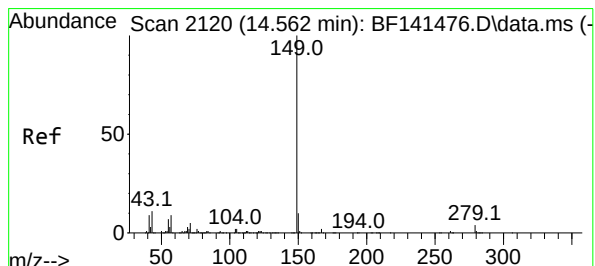
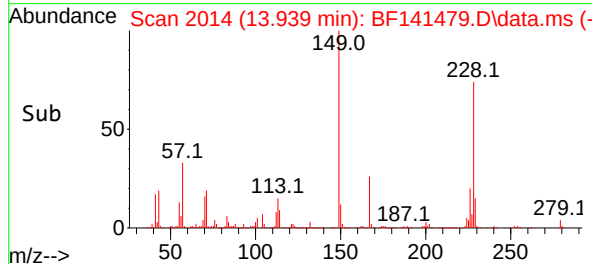
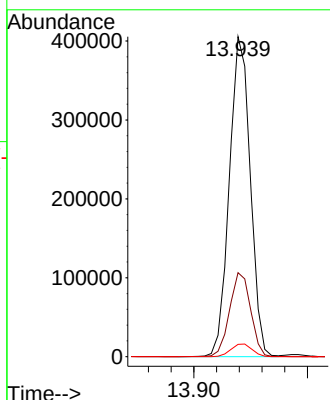
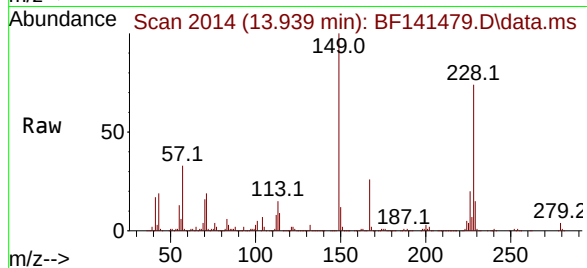




#84
Bis(2-ethylhexyl)phthalate
Concen: 84.477 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

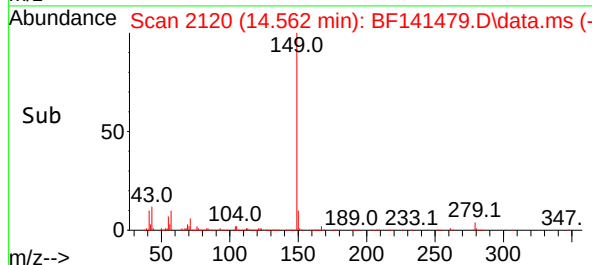
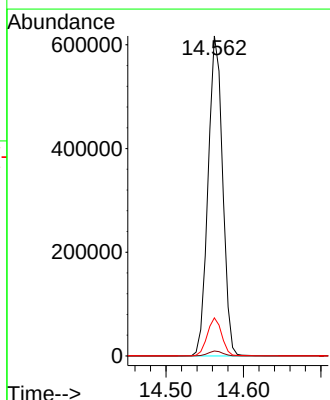
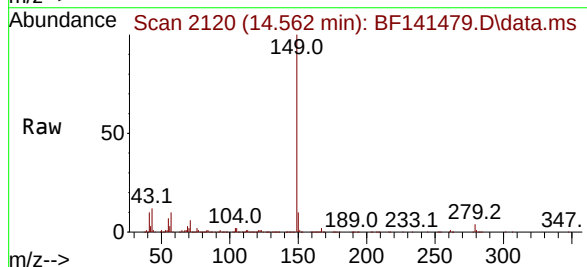
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

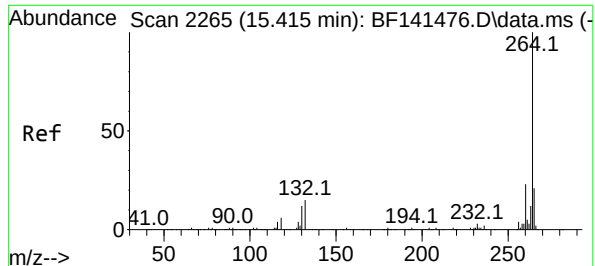
Tgt Ion:149 Resp: 517884
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 3.9 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 91.886 ng
RT: 14.562 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

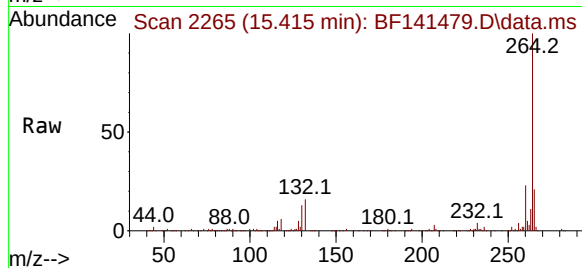
Tgt Ion:149 Resp: 803601
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.5 14.3



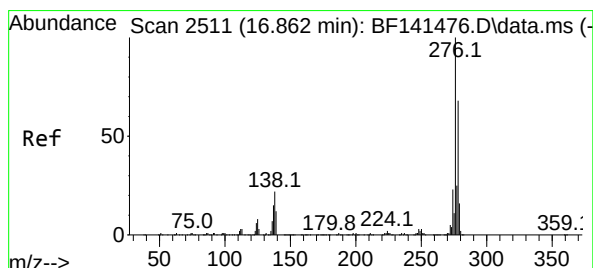
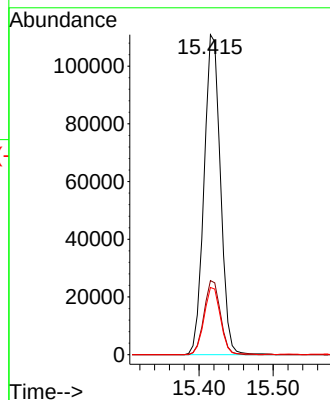
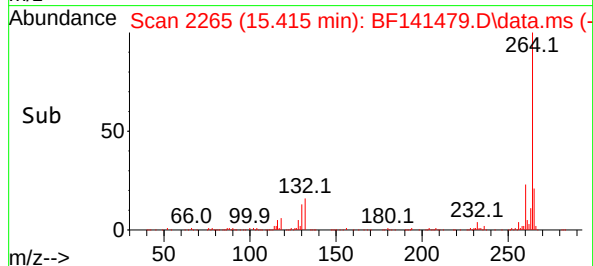


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

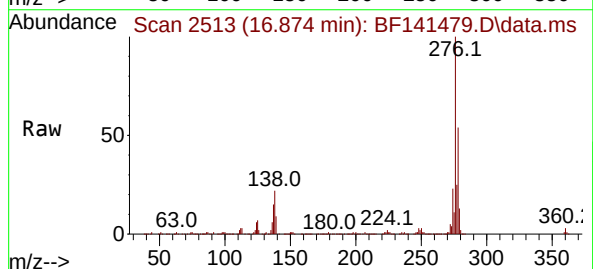
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



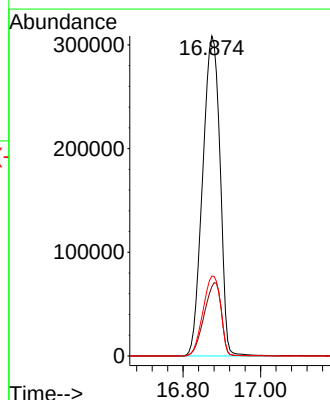
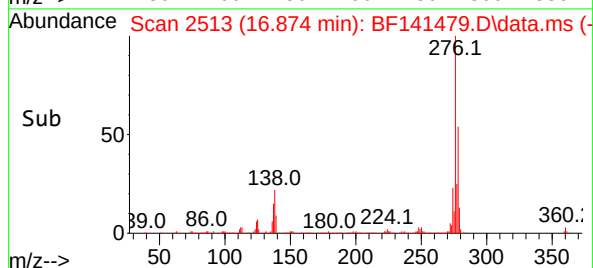
Tgt Ion:264 Resp: 170605
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.0 17.0 25.4

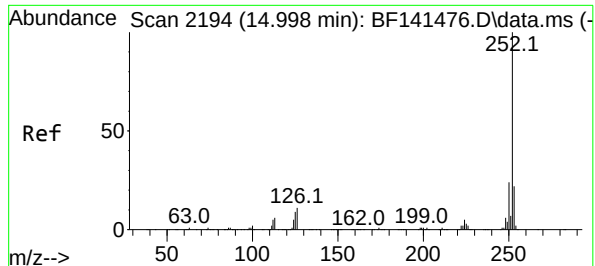


#87
Indeno(1,2,3-cd)pyrene
Concen: 91.166 ng
RT: 16.874 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14



Tgt Ion:276 Resp: 961023
Ion Ratio Lower Upper
276 100
138 22.7 18.0 27.0
277 25.4 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 75.529 ng

RT: 15.004 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

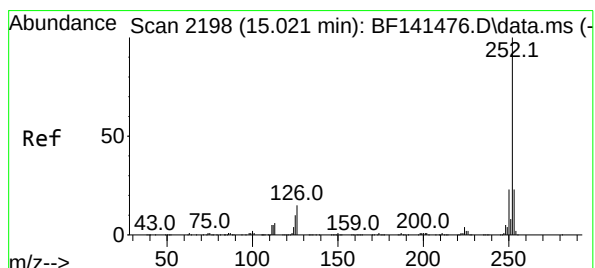
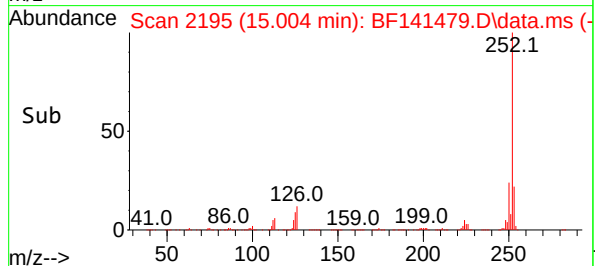
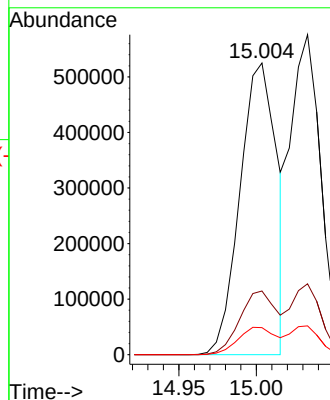
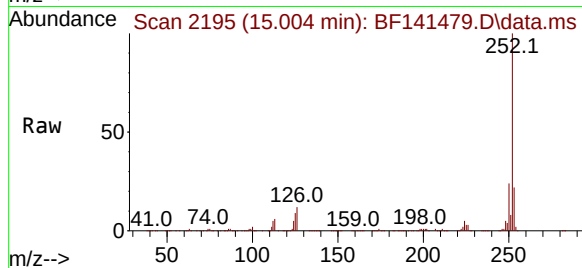
Tgt Ion:252 Resp: 865205

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.3 7.0 10.6



#89

Benzo(k)fluoranthene

Concen: 79.364 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

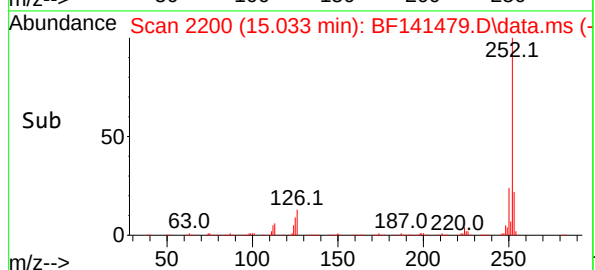
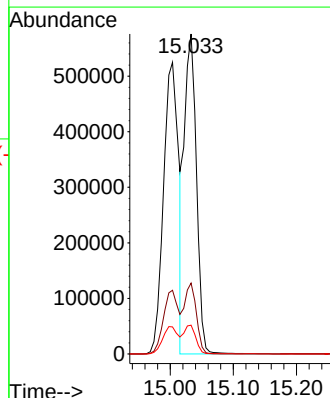
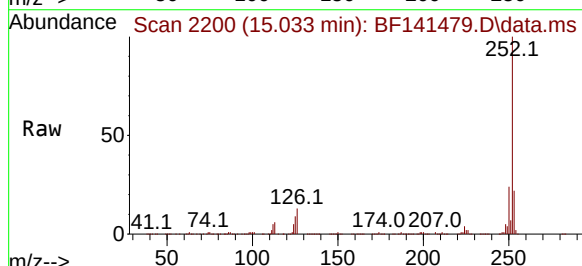
Tgt Ion:252 Resp: 776323

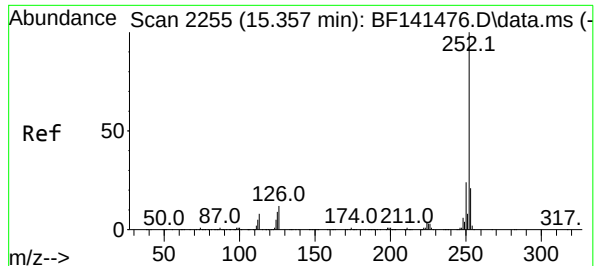
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.0 7.4 11.0

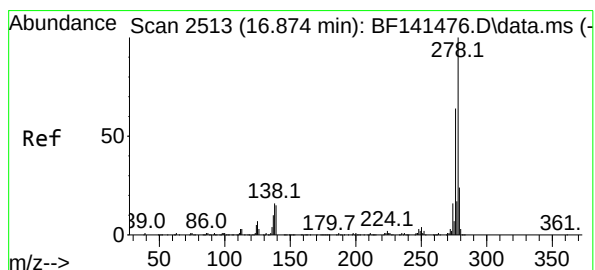
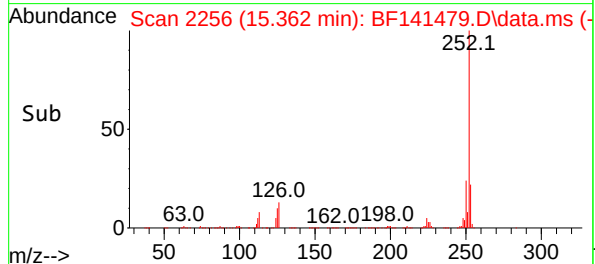
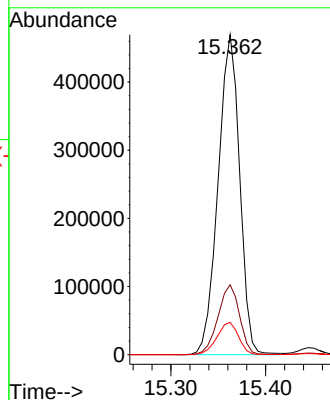
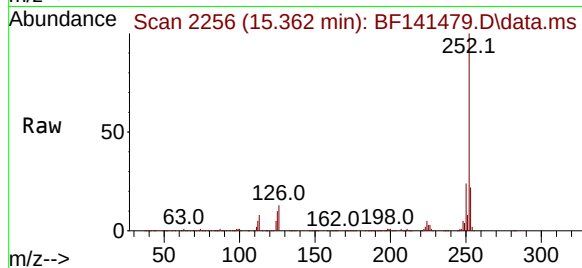




#90
Benzo(a)pyrene
Concen: 80.150 ng
RT: 15.362 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

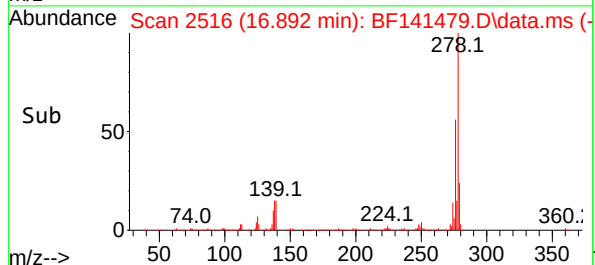
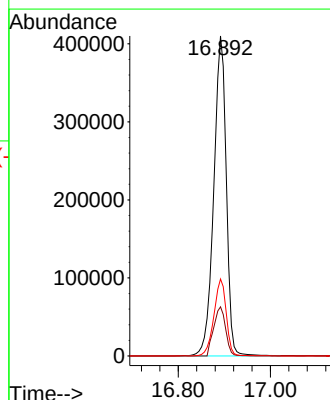
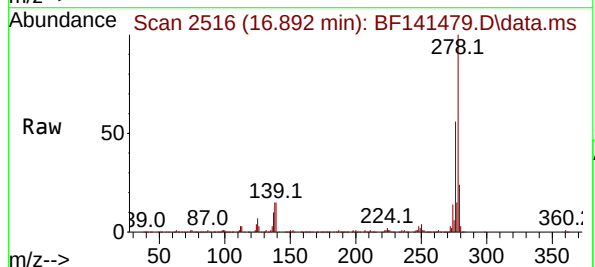
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

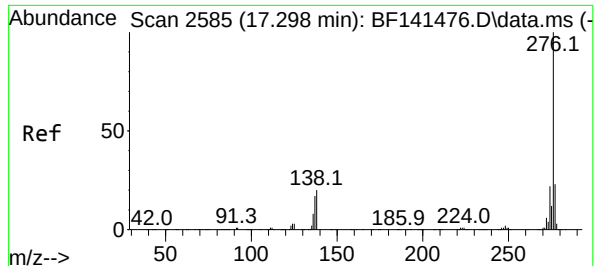
Tgt Ion:252 Resp: 742932
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.1 7.4 11.2



#91
Dibenzo(a,h)anthracene
Concen: 90.578 ng
RT: 16.892 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:278 Resp: 773684
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.6
279 24.1 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 93.015 ng

RT: 17.315 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141479.D

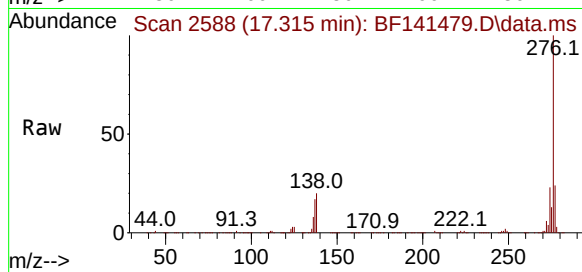
Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



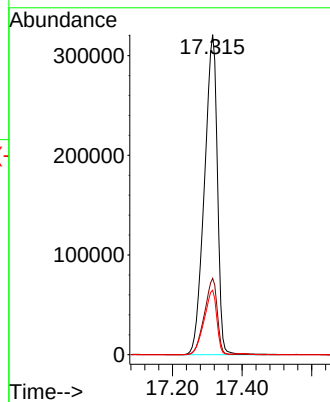
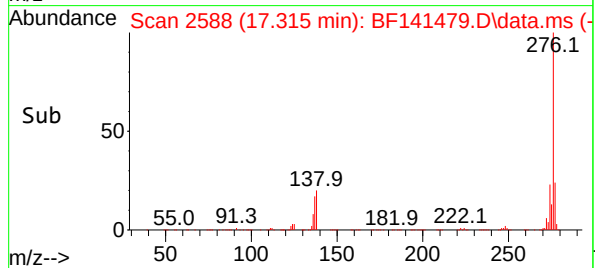
Tgt Ion:276 Resp: 831418

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 20.2 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90009	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	362467	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	197991	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	337289	20.000	ng	0.00
76) Chrysene-d12	13.963	240	252530	20.000	ng	0.00
86) Perylene-d12	15.427	264	199389	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	470176	81.894	ng	0.00
7) Phenol-d6	6.428	99	586892	80.878	ng	-0.01
23) Nitrobenzene-d5	7.357	82	544613	78.369	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	158098	79.490	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1012492	78.786	ng	0.00
79) Terphenyl-d14	12.904	244	1133126	75.750	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.475	88	93282	40.369	ng 99
3) Pyridine	3.205	79	230604	41.938	ng 99
4) n-Nitrosodimethylamine	3.158	42	151656	41.653	ng 97
6) Aniline	6.451	93	284762	41.834	ng 92
8) 2-Chlorophenol	6.575	128	251415	40.527	ng 96
9) Benzaldehyde	6.340	77	154649	40.105	ng 99
10) Phenol	6.446	94	306753	40.615	ng 97
11) bis(2-Chloroethyl)ether	6.528	93	226152	39.866	ng 100
12) 1,3-Dichlorobenzene	6.728	146	264052	40.317	ng 98
13) 1,4-Dichlorobenzene	6.804	146	267068	39.911	ng 99
14) 1,2-Dichlorobenzene	6.957	146	250623	40.354	ng 99
15) Benzyl Alcohol	6.934	79	228379	41.041	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	393626	40.535	ng 98
17) 2-Methylphenol	7.051	107	197905	40.768	ng 99
18) Hexachloroethane	7.298	117	101687	41.061	ng 99
19) n-Nitroso-di-n-propyla...	7.204	70	173832	40.048	ng 100
20) 3+4-Methylphenols	7.204	107	247254	40.073	ng 98
22) Acetophenone	7.198	105	353867	39.246	ng 100
24) Nitrobenzene	7.375	77	267193	39.429	ng 100
25) Isophorone	7.610	82	440640	39.767	ng 100
26) 2-Nitrophenol	7.687	139	136248	40.413	ng 98
27) 2,4-Dimethylphenol	7.728	122	157242	39.924	ng 99
28) bis(2-Chloroethoxy)met...	7.822	93	282744	39.822	ng 100
29) 2,4-Dichlorophenol	7.934	162	211891	39.818	ng 99
30) 1,2,4-Trichlorobenzene	8.016	180	227379	39.237	ng 100
31) Naphthalene	8.093	128	741255	39.287	ng 100
32) Benzoic acid	7.857	122	164966	40.324	ng 98
33) 4-Chloroaniline	8.145	127	267977	40.680	ng 99
34) Hexachlorobutadiene	8.210	225	139658	40.144	ng 99
35) Caprolactam	8.516	113	66599	41.104	ng 99
36) 4-Chloro-3-methylphenol	8.634	107	235824	40.006	ng 100
37) 2-Methylnaphthalene	8.787	142	475273	38.710	ng 100
38) 1-Methylnaphthalene	8.881	142	464346	39.049	ng 99
40) 1,2,4,5-Tetrachloroben...	8.951	216	230166	40.182	ng 99
41) Hexachlorocyclopentadiene	8.934	237	73834	38.754	ng 97
43) 2,4,6-Trichlorophenol	9.063	196	147770	39.914	ng 99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

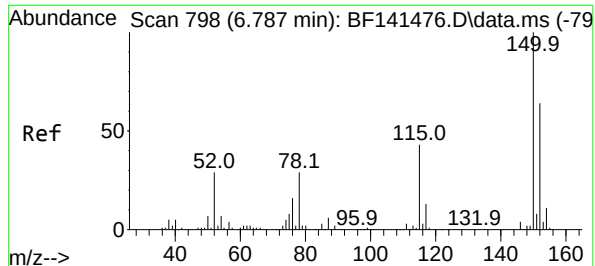
Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	160926	40.108	ng	99
46) 1,1'-Biphenyl	9.251	154	606611	39.519	ng	100
47) 2-Chloronaphthalene	9.275	162	447817	39.453	ng	100
48) 2-Nitroaniline	9.375	65	154092	40.451	ng	98
49) Acenaphthylene	9.687	152	670833	39.734	ng	99
50) Dimethylphthalate	9.551	163	530769	39.488	ng	99
51) 2,6-Dinitrotoluene	9.616	165	117431	39.965	ng	99
52) Acenaphthene	9.863	154	452794	39.893	ng	100
53) 3-Nitroaniline	9.787	138	127965	40.463	ng	99
54) 2,4-Dinitrophenol	9.892	184	74461	42.639	ng	97
55) Dibenzofuran	10.034	168	664069	39.860	ng	99
56) 4-Nitrophenol	9.957	139	98990	42.166	ng	99
57) 2,4-Dinitrotoluene	10.022	165	158941	40.633	ng	100
58) Fluorene	10.375	166	508833	39.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	139688	40.438	ng	97
60) Diethylphthalate	10.251	149	521933	39.467	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	243659	39.318	ng	98
62) 4-Nitroaniline	10.398	138	132059	41.124	ng	99
63) Azobenzene	10.528	77	522705	39.759	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	98944	42.230	ng	98
66) n-Nitrosodiphenylamine	10.492	169	432307	40.040	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	154044	40.864	ng	95
68) Hexachlorobenzene	10.928	284	156075	40.208	ng	99
69) Atrazine	11.016	200	127486	39.358	ng	100
70) Pentachlorophenol	11.122	266	105427	42.476	ng	99
71) Phenanthrene	11.339	178	744761	40.114	ng	100
72) Anthracene	11.392	178	753295	40.362	ng	100
73) Carbazole	11.551	167	676218	40.267	ng	100
74) Di-n-butylphthalate	11.881	149	794101	40.953	ng	100
75) Fluoranthene	12.528	202	807256	41.011	ng	100
77) Benzidine	12.651	184	211734	38.017	ng	100
78) Pyrene	12.757	202	812250	37.784	ng	100
80) Butylbenzylphthalate	13.380	149	311103	41.781	ng	99
81) Benzo(a)anthracene	13.951	228	638036	38.009	ng	100
82) 3,3'-Dichlorobenzidine	13.916	252	185650	38.608	ng	99
83) Chrysene	13.992	228	610091	39.361	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	371434	44.229	ng	100
85) Di-n-octyl phthalate	14.574	149	534947	44.652	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	474949	38.551	ng	99
88) Benzo(b)fluoranthene	15.010	252	526847	39.352	ng	100
89) Benzo(k)fluoranthene	15.039	252	470794	41.182	ng	98
90) Benzo(a)pyrene	15.369	252	427462	39.459	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	388028	38.870	ng	99
92) Benzo(g,h,i)perylene	17.310	276	402566	38.536	ng	99

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

Instrument :
BNA_F
ClientSampleId :
ICVBF020625

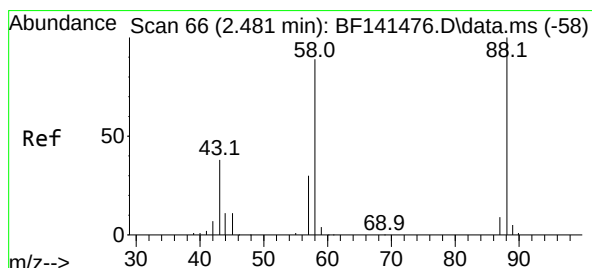
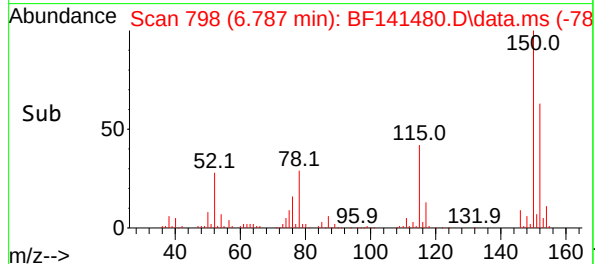
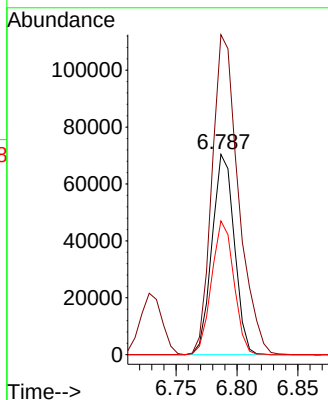
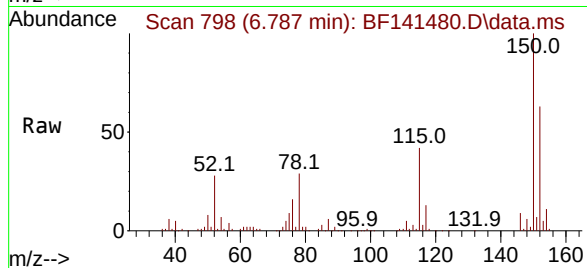
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

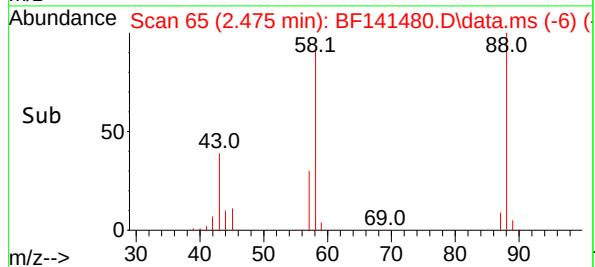
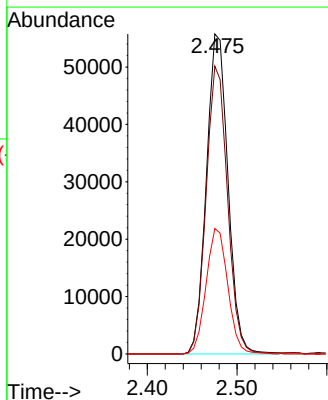
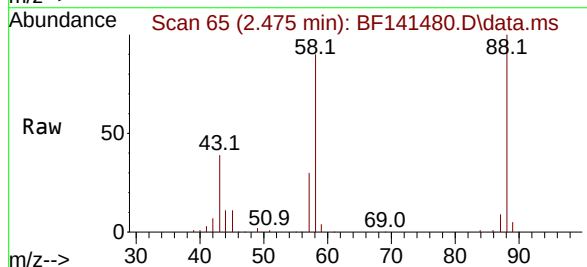
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

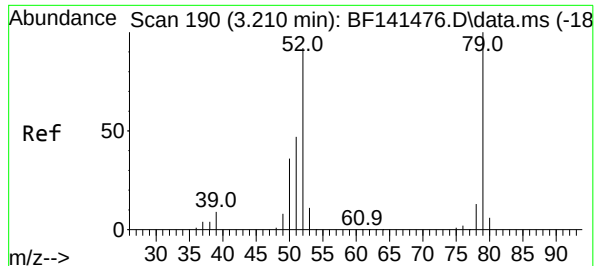
Tgt Ion:152 Resp: 90009
Ion Ratio Lower Upper
152 100
150 159.7 125.0 187.4
115 66.8 53.6 80.4



#2
1,4-Dioxane
Concen: 40.369 ng
RT: 2.475 min Scan# 65
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 88 Resp: 93282
Ion Ratio Lower Upper
88 100
58 89.1 71.1 106.7
43 39.4 30.6 46.0

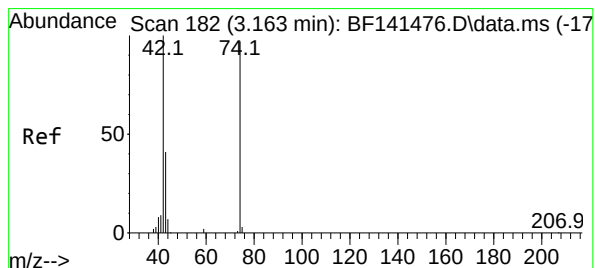
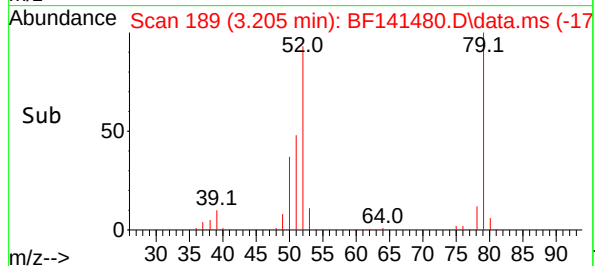
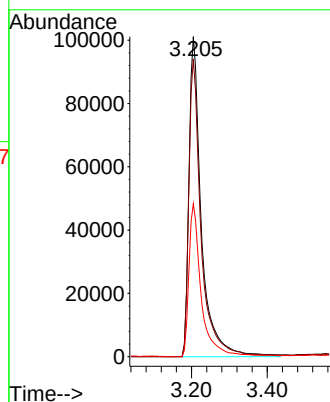
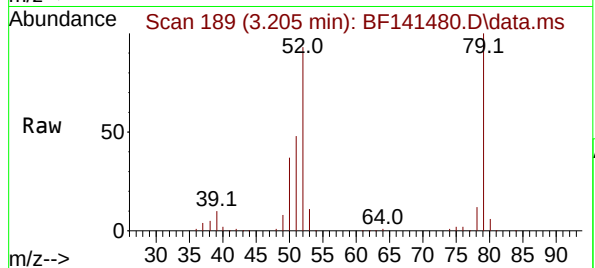




#3
Pyridine
Concen: 41.938 ng
RT: 3.205 min Scan# 189
Delta R.T. -0.011 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

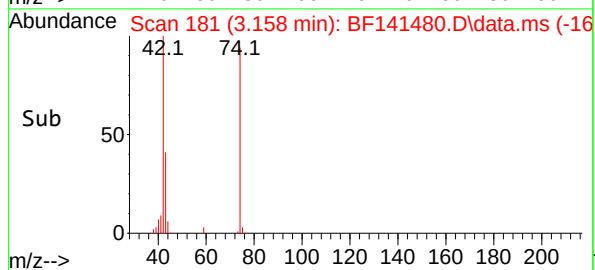
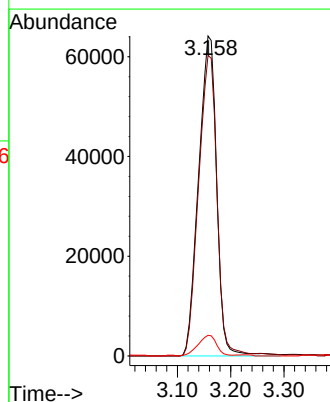
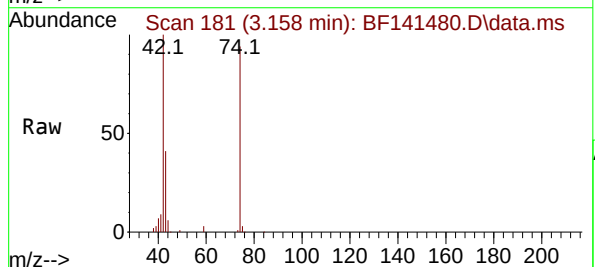
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

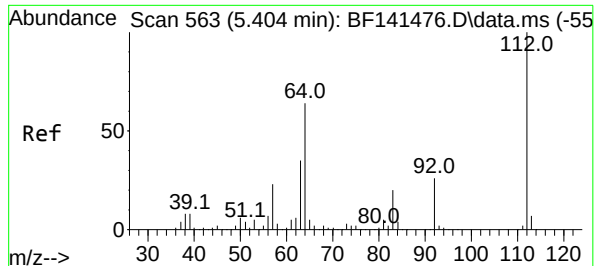
Tgt Ion: 79 Resp: 230604
Ion Ratio Lower Upper
79 100
52 93.1 73.7 110.5
51 47.8 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 41.653 ng
RT: 3.158 min Scan# 181
Delta R.T. -0.029 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 42 Resp: 151656
Ion Ratio Lower Upper
42 100
74 94.0 78.0 117.0
44 6.5 5.4 8.2

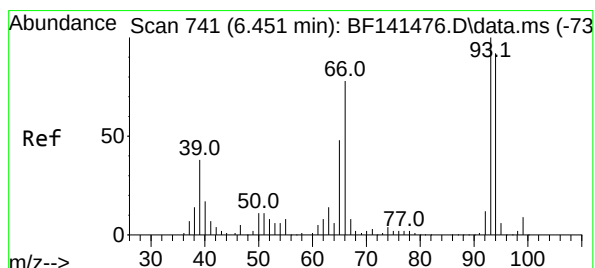
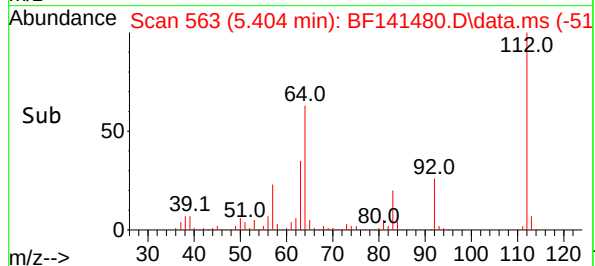
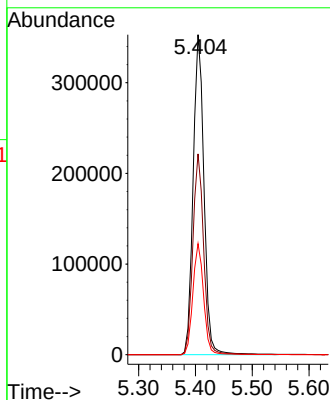
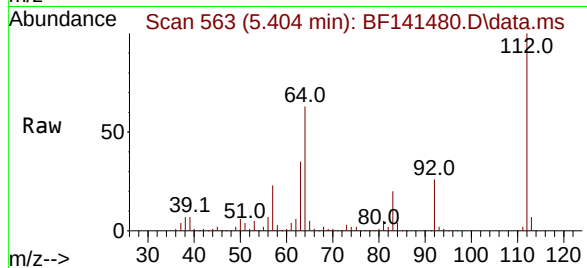




#5
2-Fluorophenol
Concen: 81.894 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

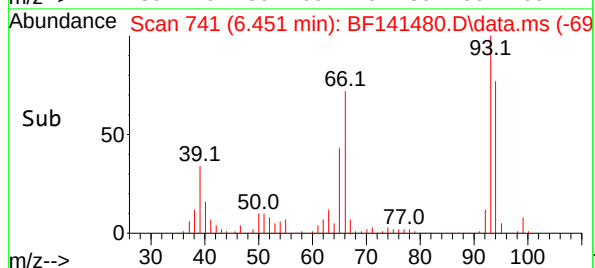
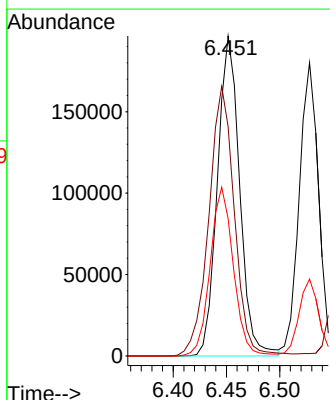
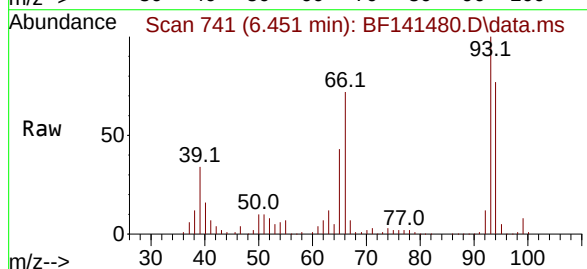
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

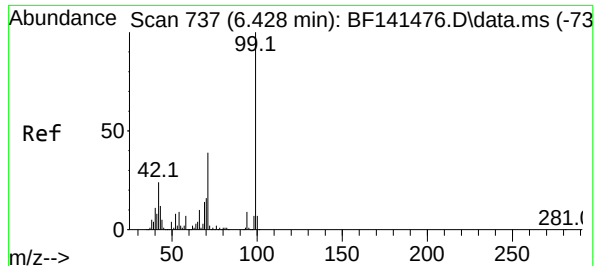
Tgt Ion:112 Resp: 470176
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 34.7 28.4 42.6



#6
Aniline
Concen: 41.834 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 93 Resp: 284762
Ion Ratio Lower Upper
93 100
66 71.6 62.6 94.0
65 42.9 38.3 57.5





#7

Phenol-d6

Concen: 80.878 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

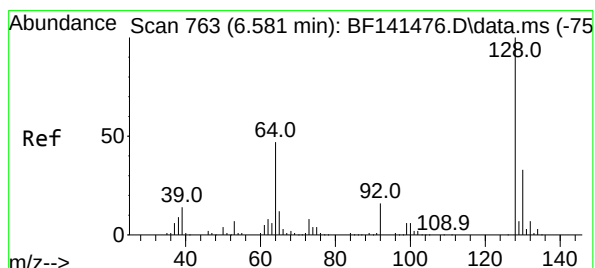
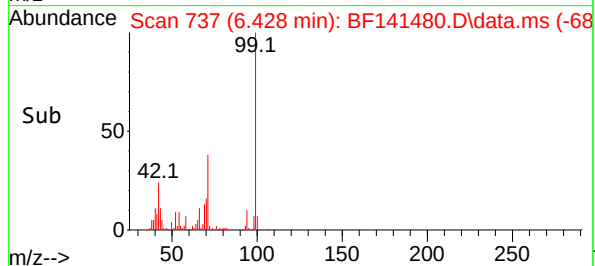
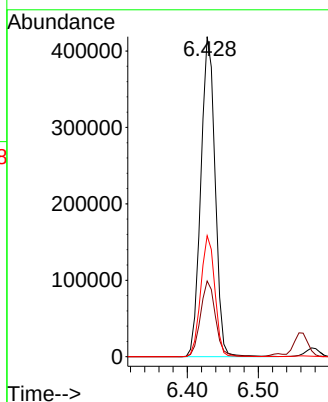
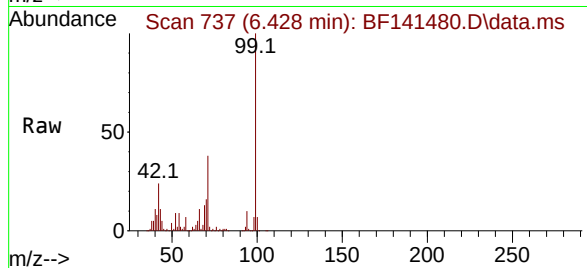
Tgt Ion: 99 Resp: 586892

Ion Ratio Lower Upper

99 100

42 23.7 19.1 28.7

71 37.8 31.1 46.7



#8

2-Chlorophenol

Concen: 40.527 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

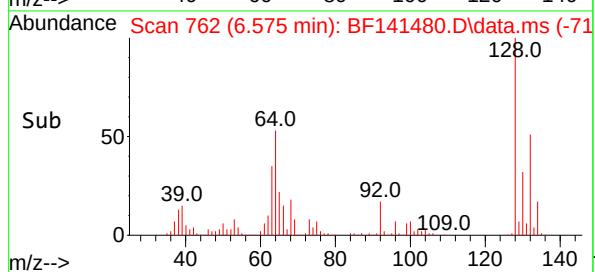
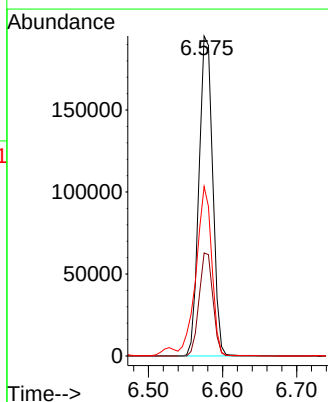
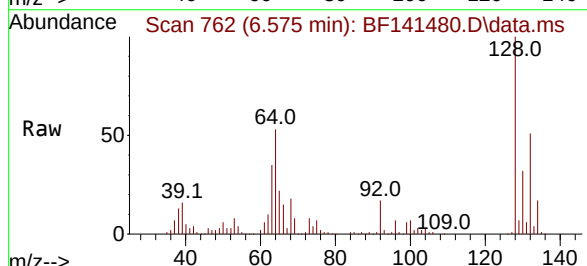
Tgt Ion: 128 Resp: 251415

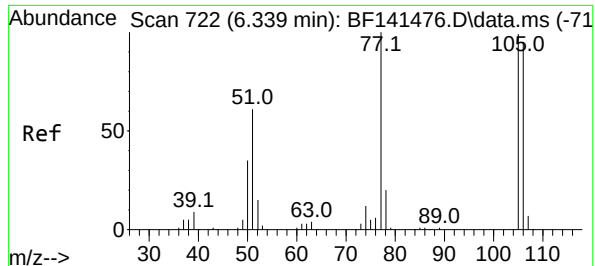
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 52.9 28.3 68.3





#9

Benzaldehyde

Concen: 40.105 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

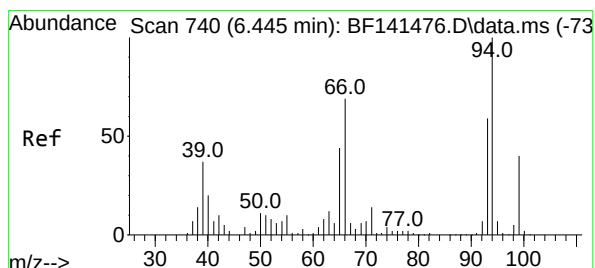
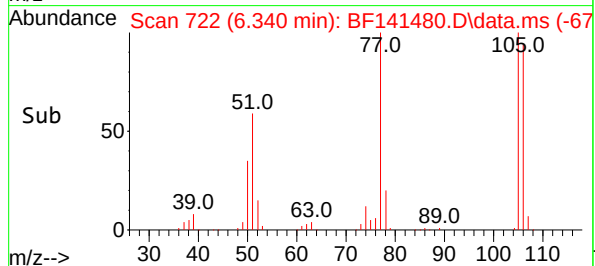
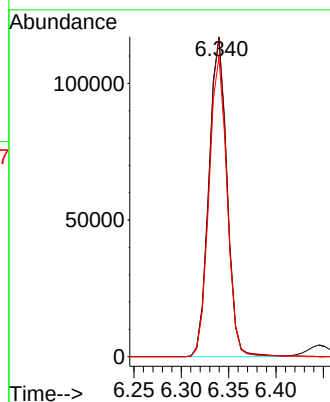
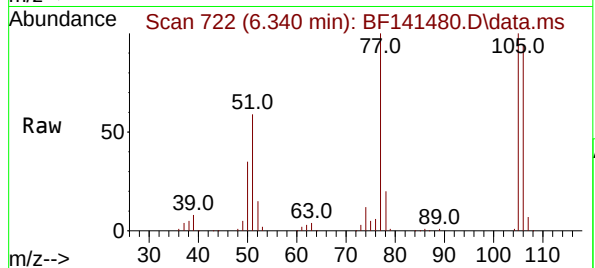
Tgt Ion: 77 Resp: 154649

Ion Ratio Lower Upper

77 100

105 100.4 79.4 119.4

106 94.1 75.1 115.1



#10

Phenol

Concen: 40.615 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

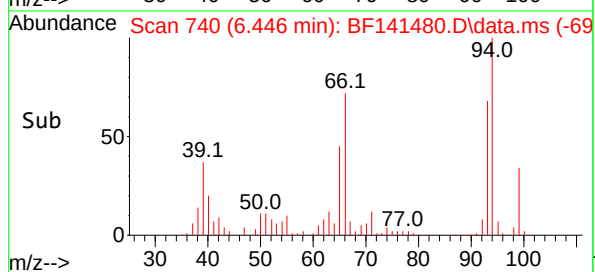
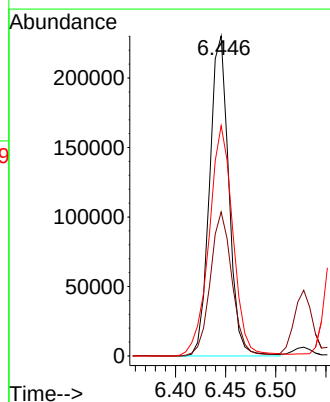
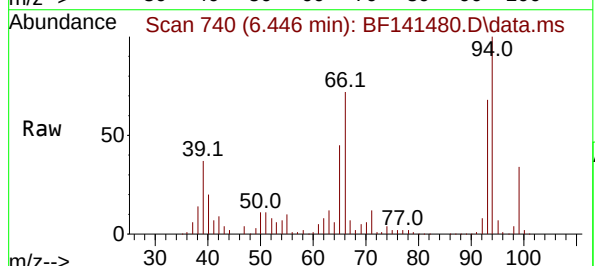
Tgt Ion: 94 Resp: 306753

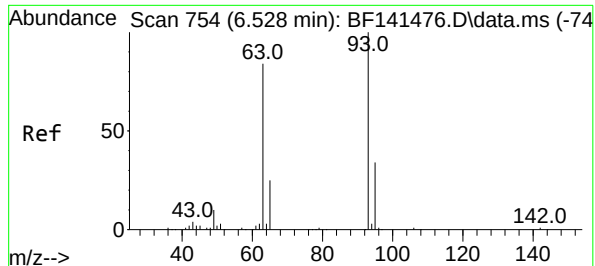
Ion Ratio Lower Upper

94 100

65 45.0 23.7 63.7

66 71.9 49.3 89.3

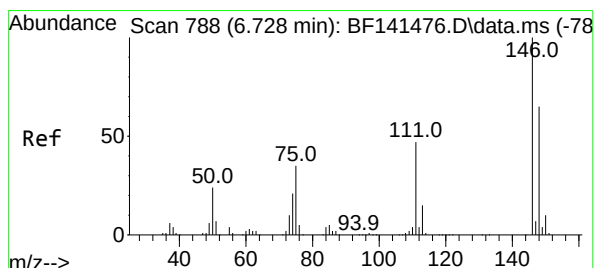
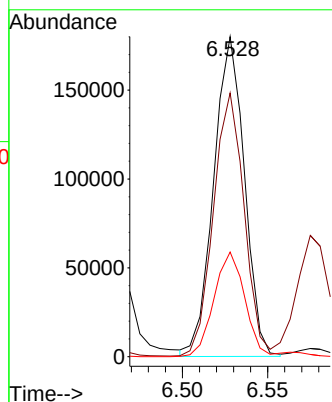
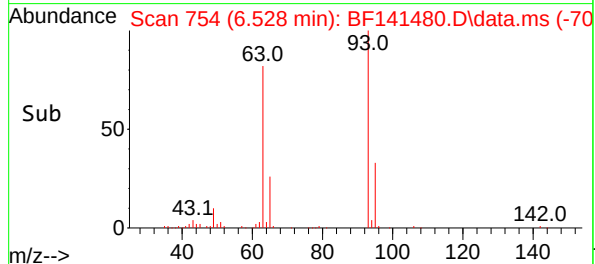
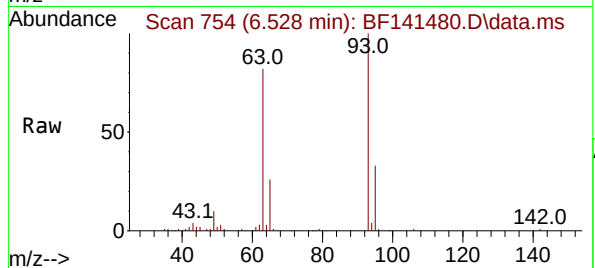




#11
bis(2-Chloroethyl)ether
Concen: 39.866 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

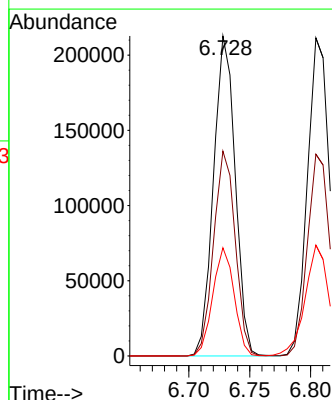
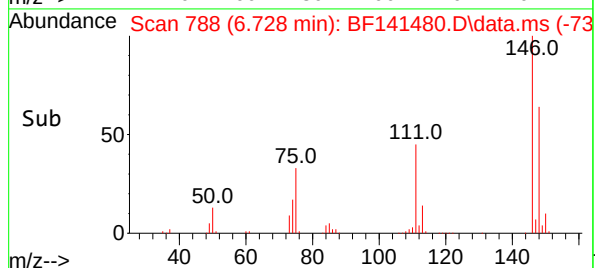
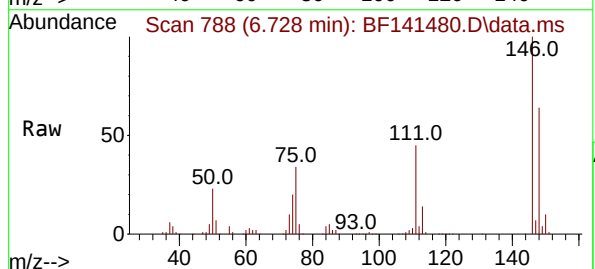
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

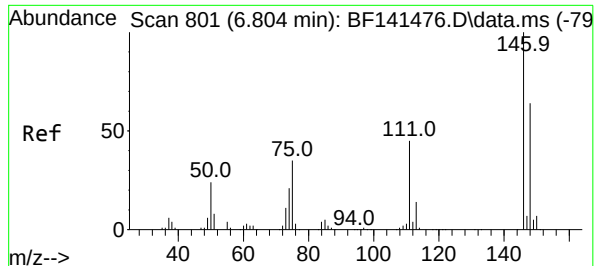
Tgt Ion: 93 Resp: 226152
Ion Ratio Lower Upper
93 100
63 82.4 62.0 102.0
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.317 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 146 Resp: 264052
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 33.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.911 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

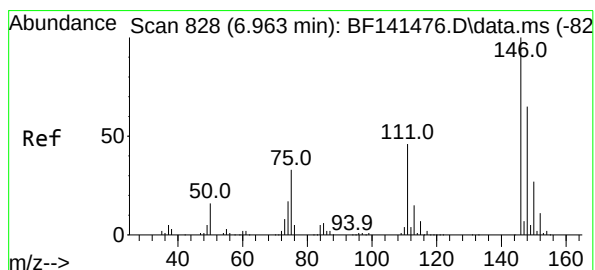
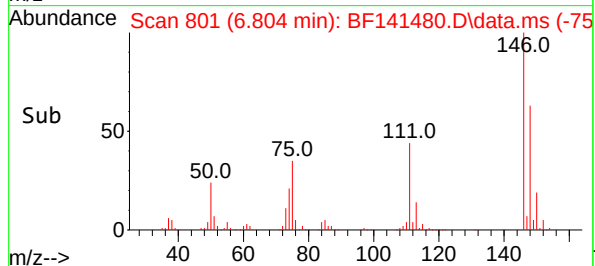
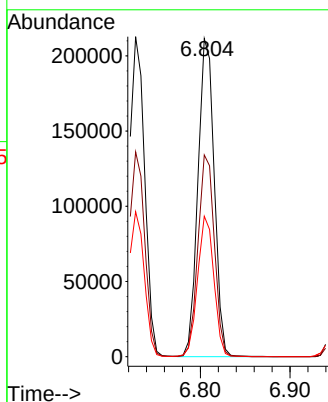
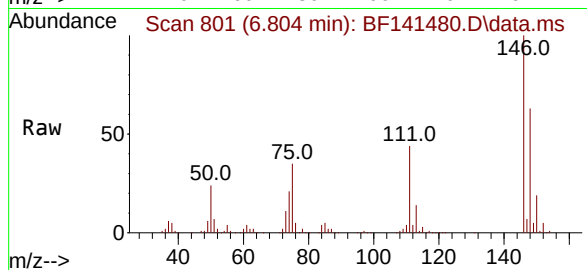
Tgt Ion:146 Resp: 267068

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

111 44.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.354 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

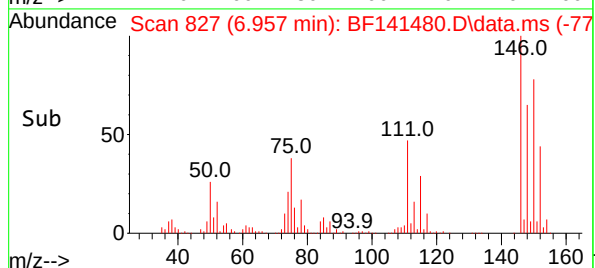
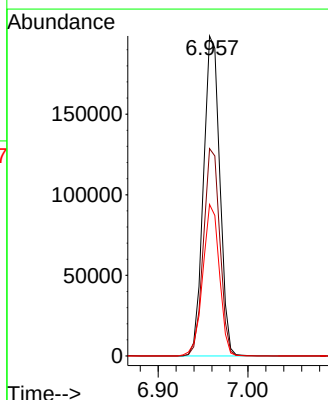
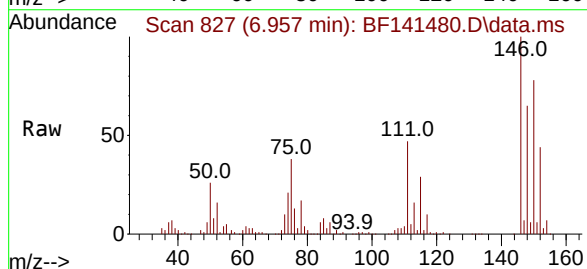
Tgt Ion:146 Resp: 250623

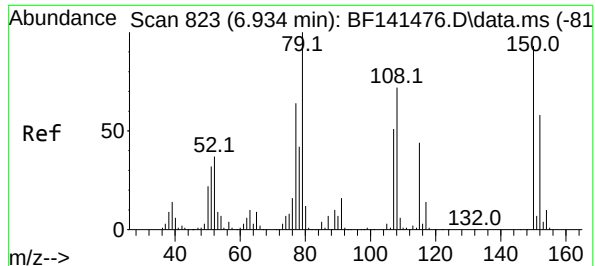
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

111 47.4 37.0 55.4

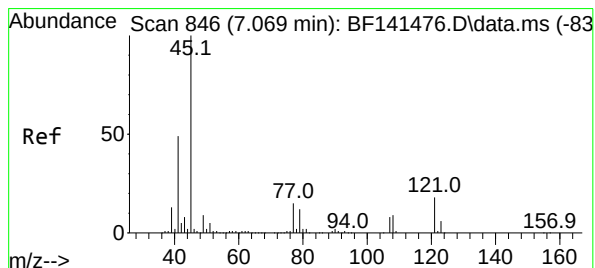
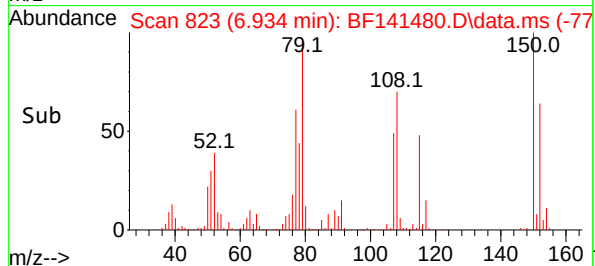
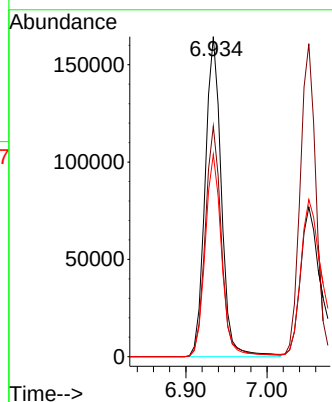
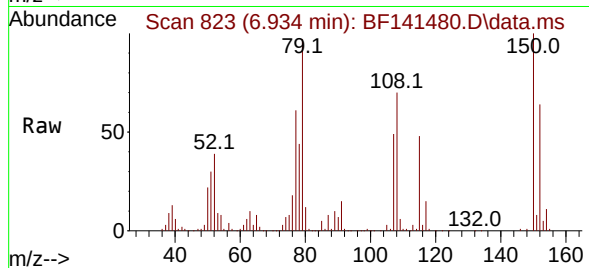




#15
Benzyl Alcohol
Concen: 41.041 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

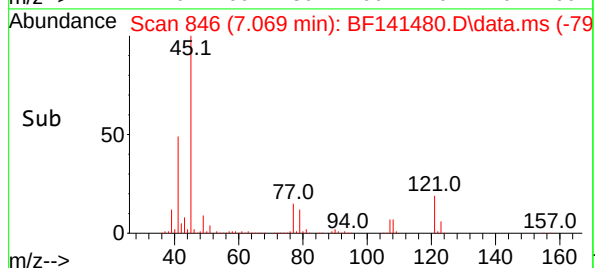
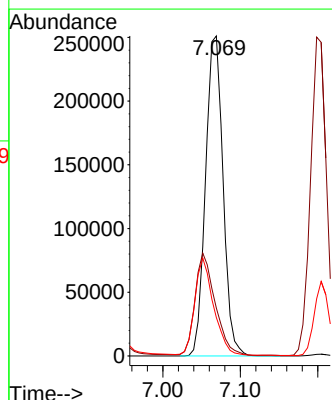
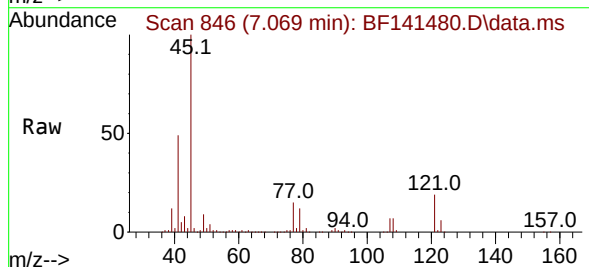
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

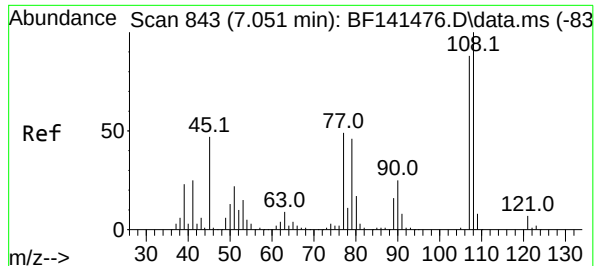
Tgt Ion: 79 Resp: 228379
Ion Ratio Lower Upper
79 100
108 72.0 57.4 86.2
77 63.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.535 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

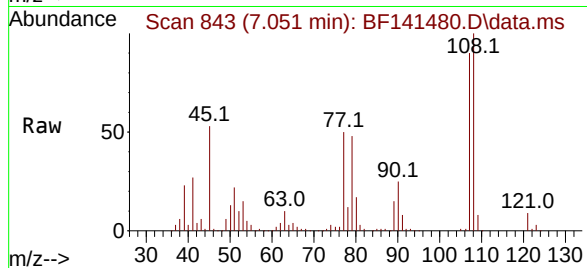
Tgt Ion: 45 Resp: 393626
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.8
79 12.0 0.0 32.7



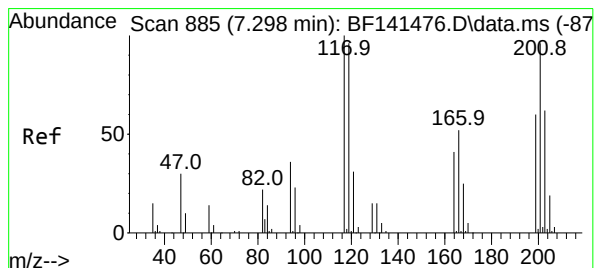
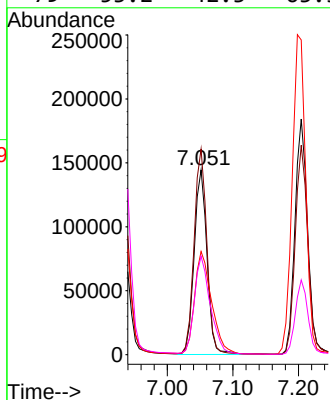
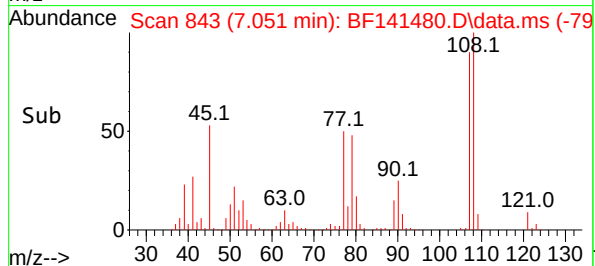


#17
2-Methylphenol
Concen: 40.768 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

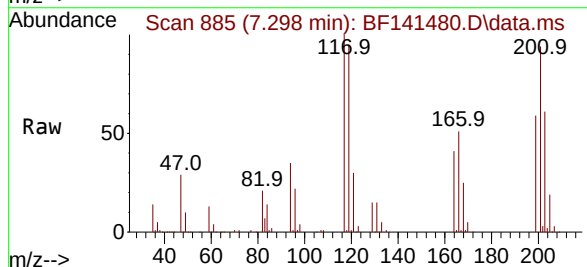
Instrument :
BNA_F
ClientSampleId :
ICVBF020625



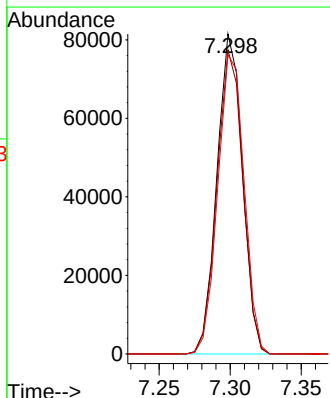
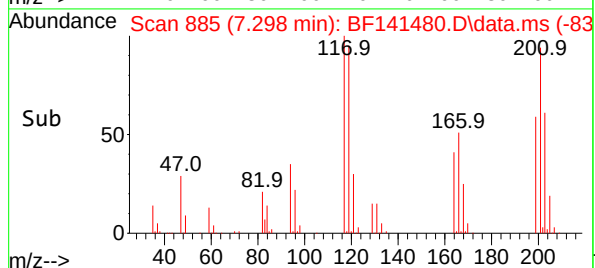
Tgt Ion:107 Resp: 197905
Ion Ratio Lower Upper
107 100
108 111.3 90.6 136.0
77 55.8 44.4 66.6
79 53.2 42.3 63.5

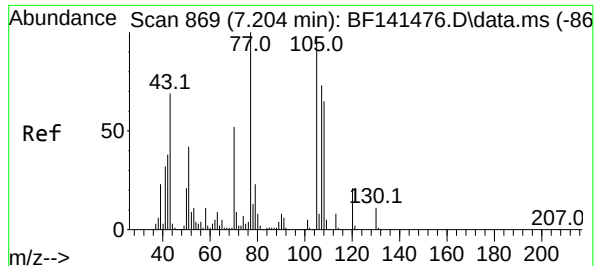


#18
Hexachloroethane
Concen: 41.061 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03



Tgt Ion:117 Resp: 101687
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
201 93.5 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.048 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

Tgt Ion: 70 Resp: 173832

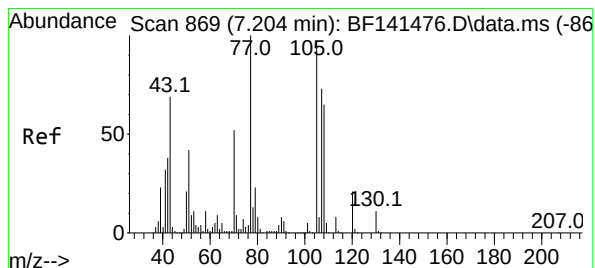
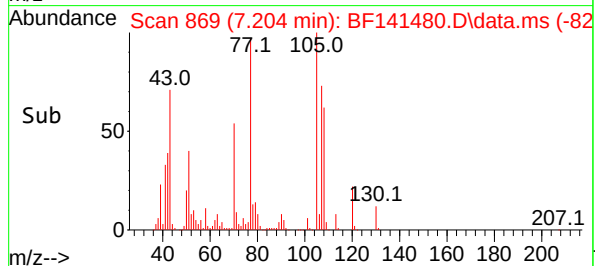
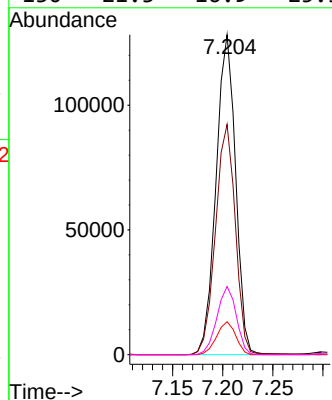
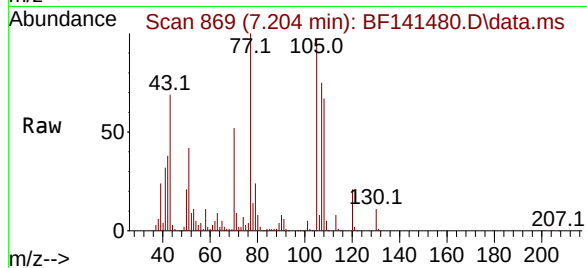
Ion Ratio Lower Upper

70 100

42 72.0 57.4 86.2

101 10.3 8.0 12.0

130 21.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 40.073 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Tgt Ion: 107 Resp: 247254

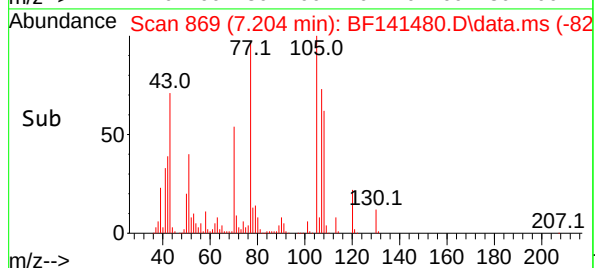
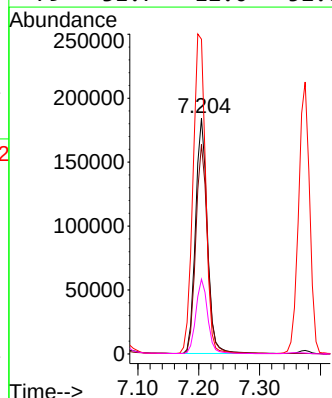
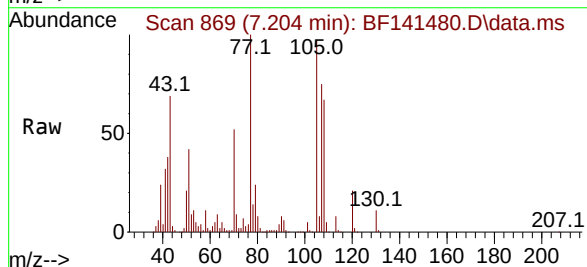
Ion Ratio Lower Upper

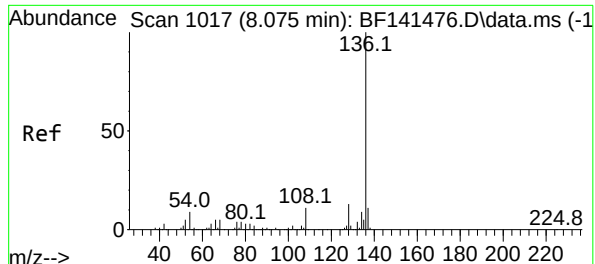
107 100

108 88.9 68.5 108.5

77 133.5 116.5 156.5

79 31.7 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

Tgt Ion:136 Resp: 362467

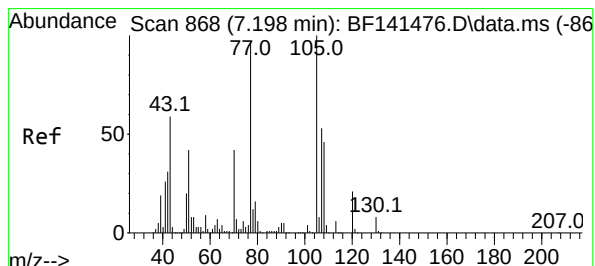
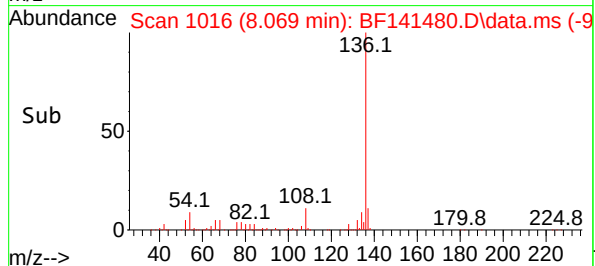
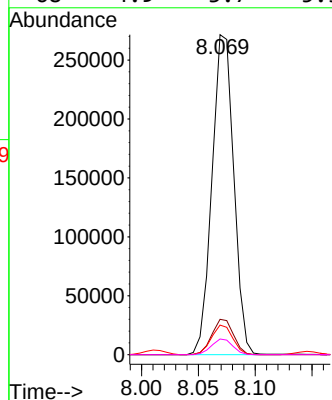
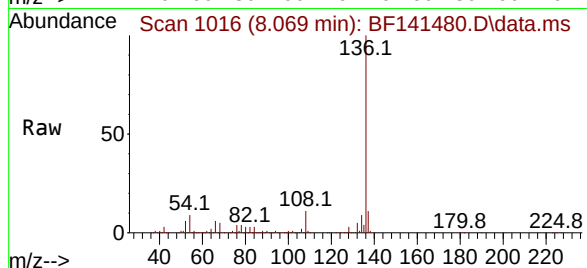
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.3 7.2 10.8

68 4.9 3.7 5.5



#22

Acetophenone

Concen: 39.246 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Tgt Ion:105 Resp: 353867

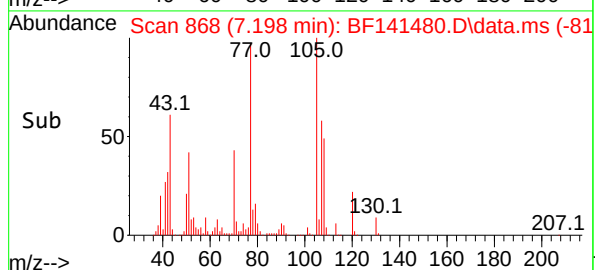
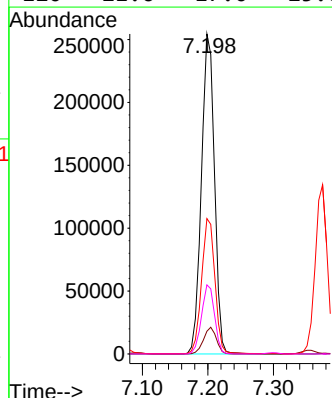
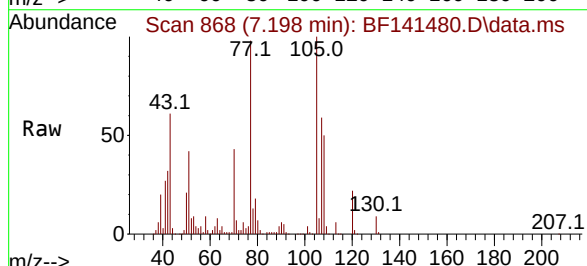
Ion Ratio Lower Upper

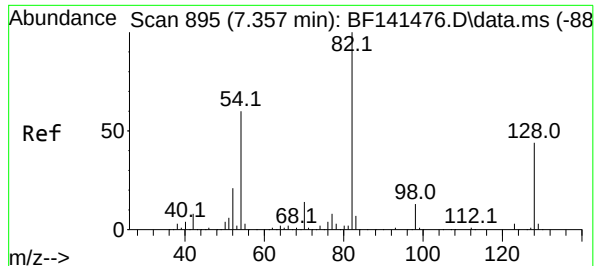
105 100

71 7.1 5.7 8.5

51 42.3 33.7 50.5

120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 78.369 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

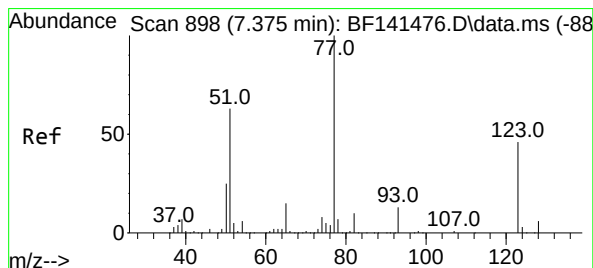
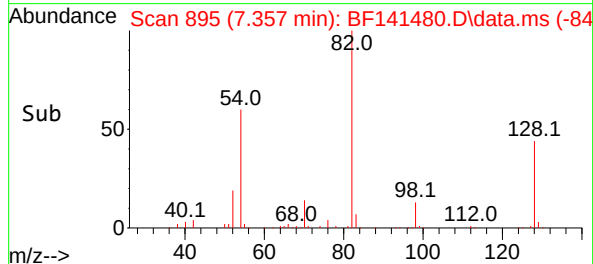
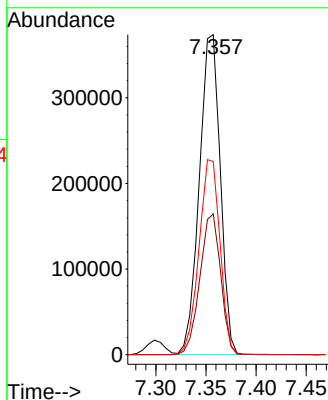
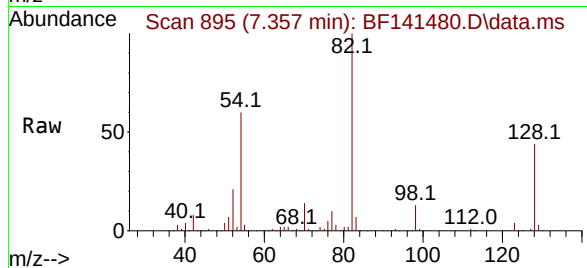
Tgt Ion: 82 Resp: 544613

Ion Ratio Lower Upper

82 100

128 44.0 34.8 52.2

54 60.4 48.2 72.4



#24

Nitrobenzene

Concen: 39.429 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

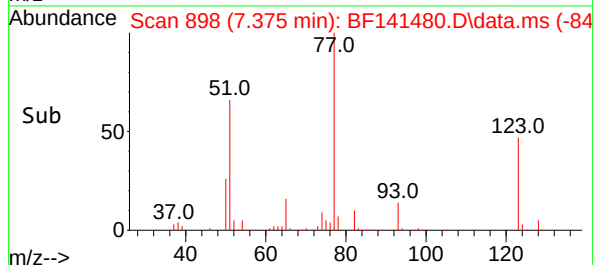
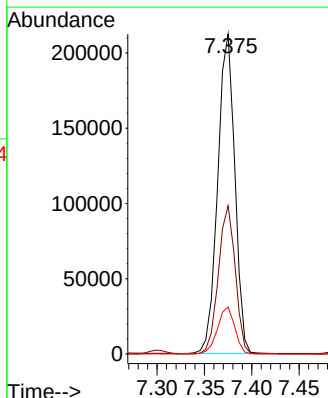
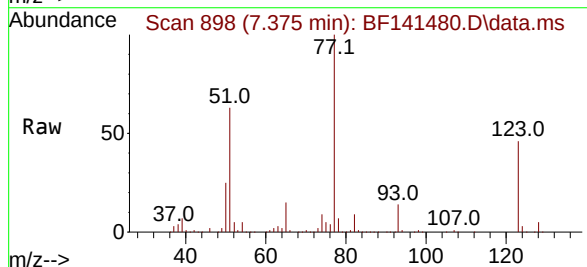
Tgt Ion: 77 Resp: 267193

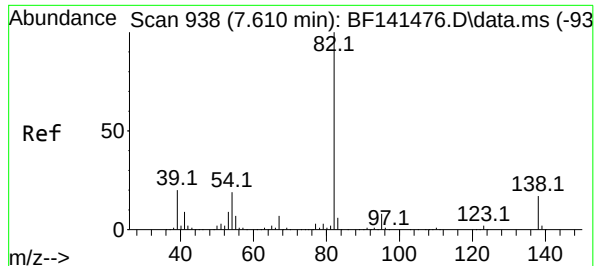
Ion Ratio Lower Upper

77 100

123 46.3 36.9 55.3

65 14.6 11.9 17.9

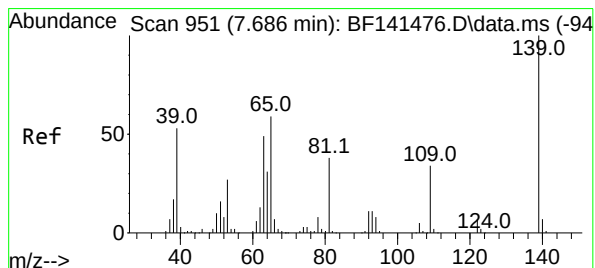
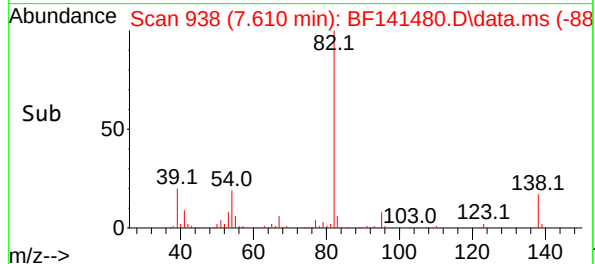
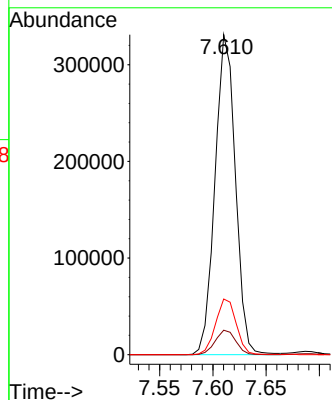
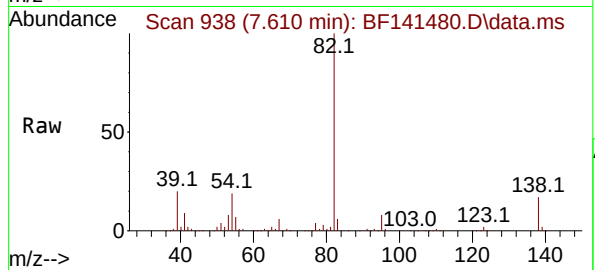




#25
Isophorone
Concen: 39.767 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

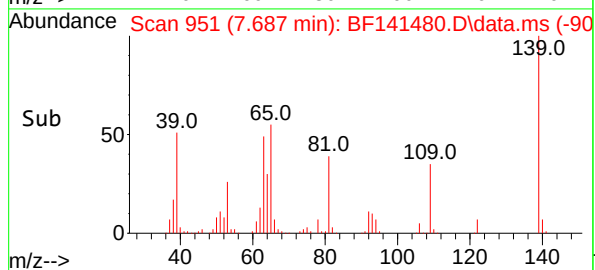
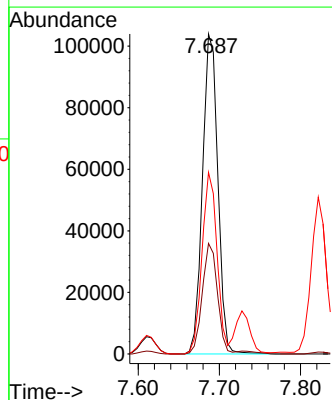
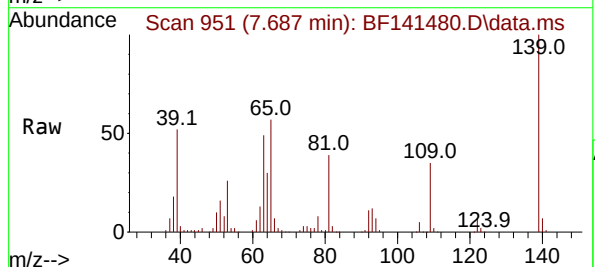
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

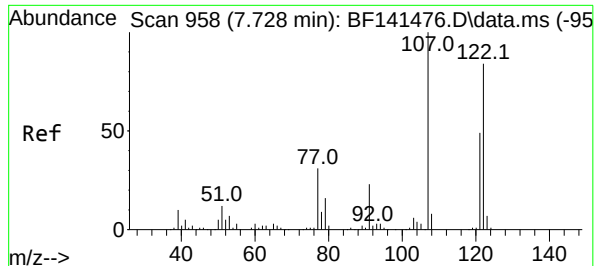
Tgt Ion: 82 Resp: 440640
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 40.413 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 139 Resp: 136248
Ion Ratio Lower Upper
139 100
109 34.6 27.0 40.6
65 56.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 39.924 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

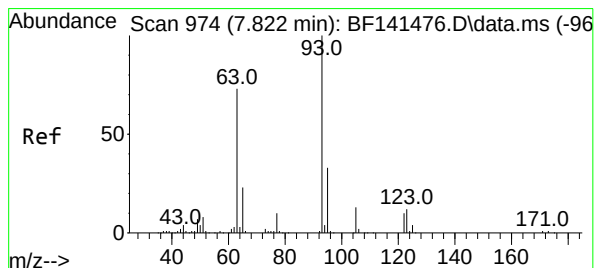
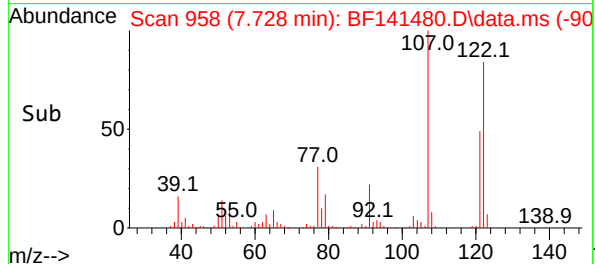
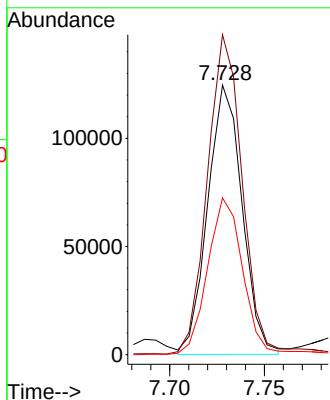
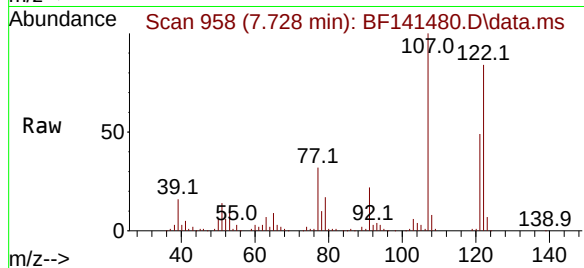
Tgt Ion:122 Resp: 157242

Ion Ratio Lower Upper

122 100

107 118.7 94.3 141.5

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.822 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

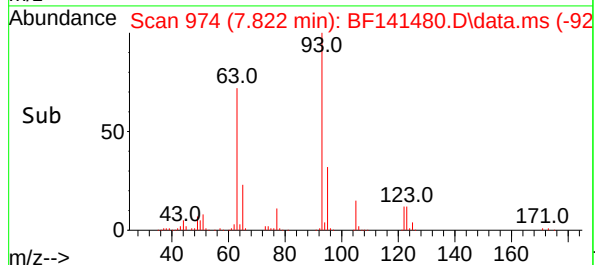
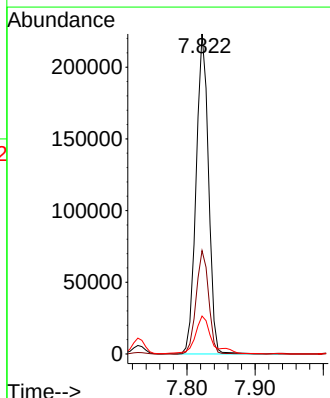
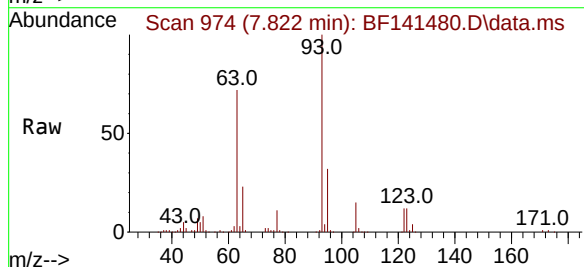
Tgt Ion: 93 Resp: 282744

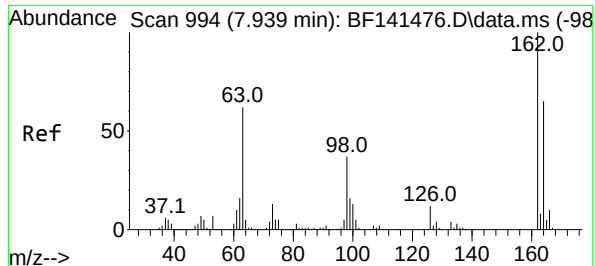
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 39.818 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

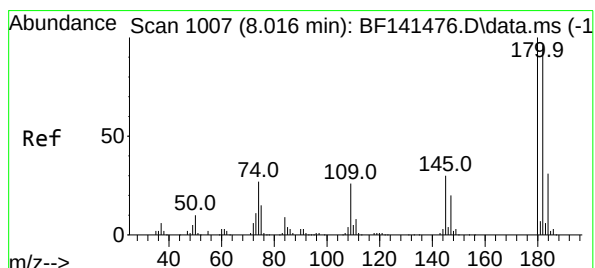
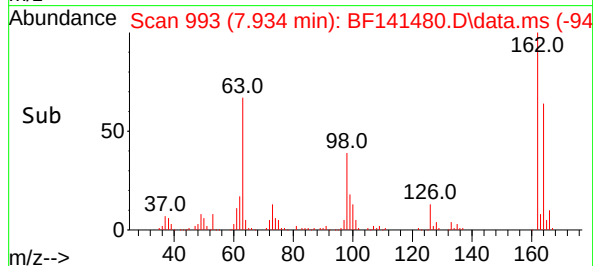
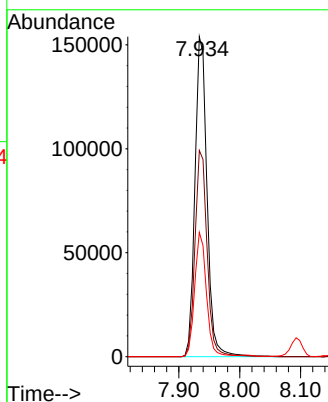
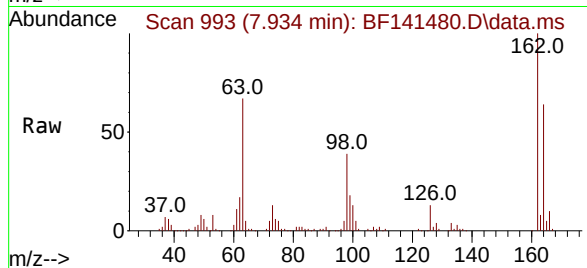
Tgt Ion:162 Resp: 211891

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

98 38.9 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.237 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

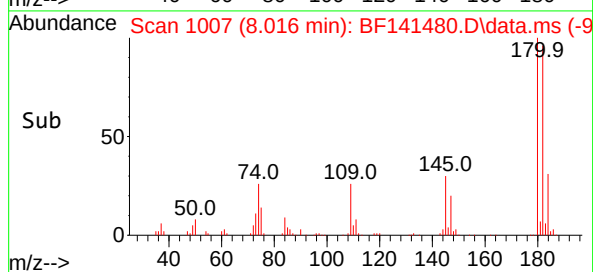
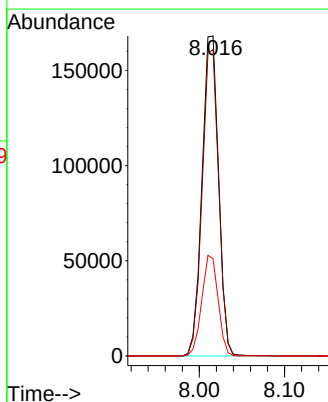
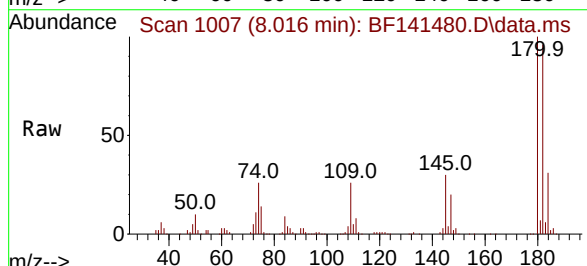
Tgt Ion:180 Resp: 227379

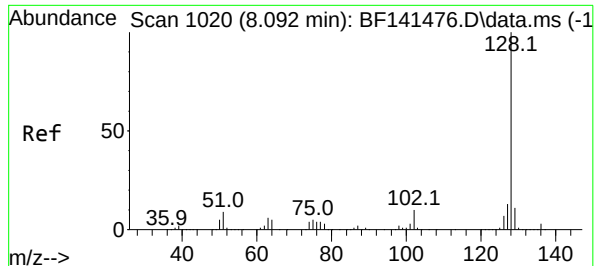
Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

145 30.4 24.2 36.4

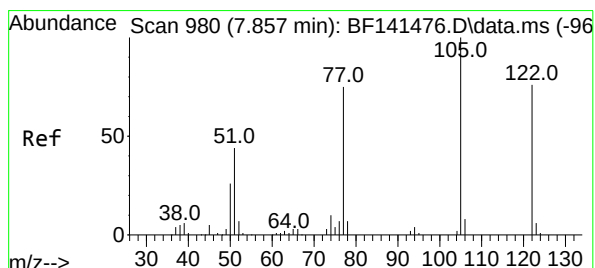
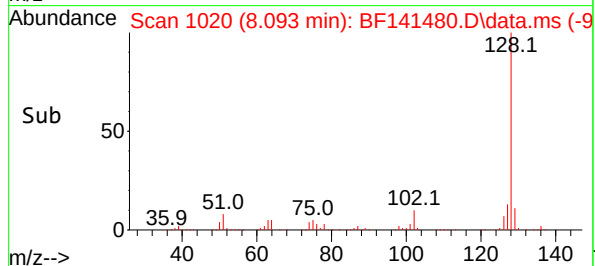
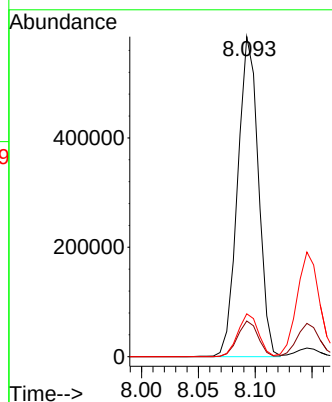
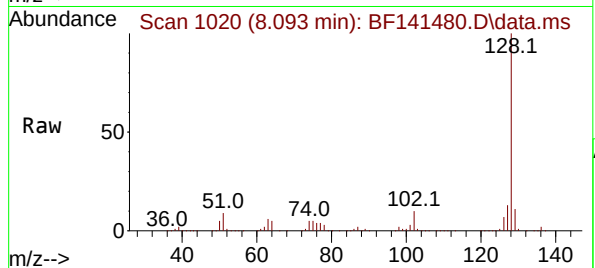




#31
Naphthalene
Concen: 39.287 ng
RT: 8.093 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

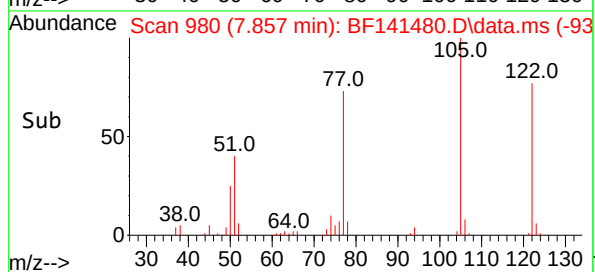
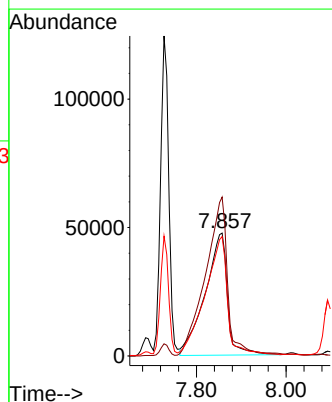
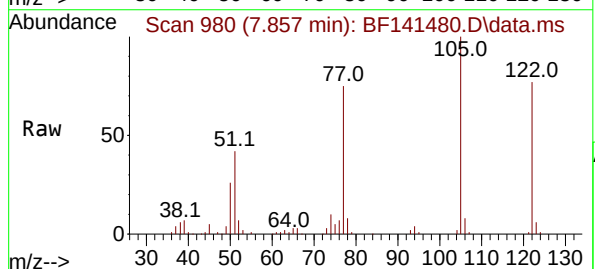
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

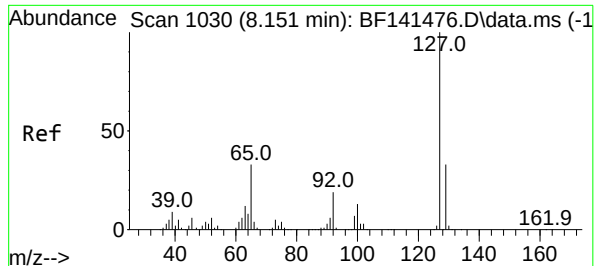
Tgt Ion:128 Resp: 741255
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 40.324 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:122 Resp: 164966
Ion Ratio Lower Upper
122 100
105 129.3 106.5 146.5
77 97.2 76.3 116.3

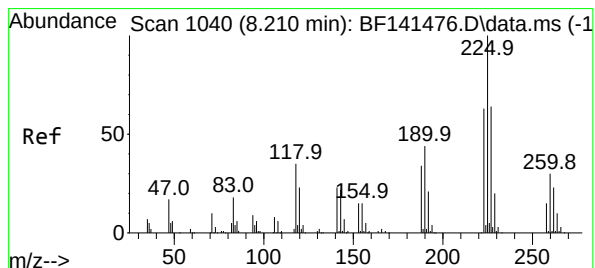
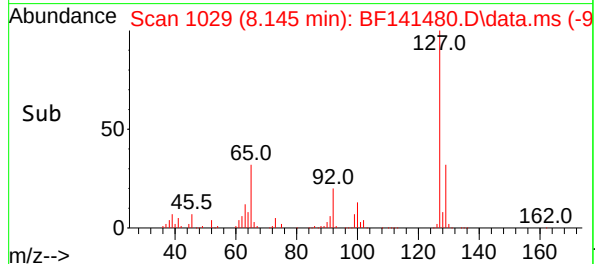
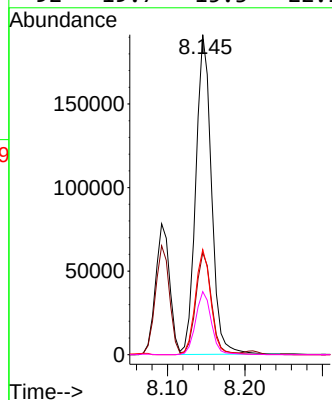
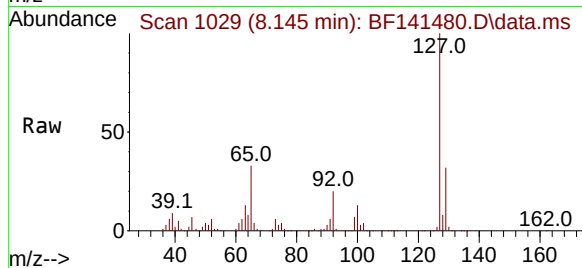




#33
4-Chloroaniline
Concen: 40.680 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.011 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

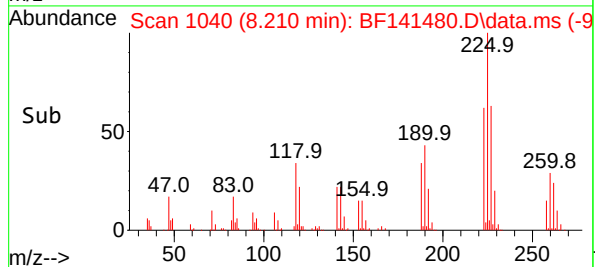
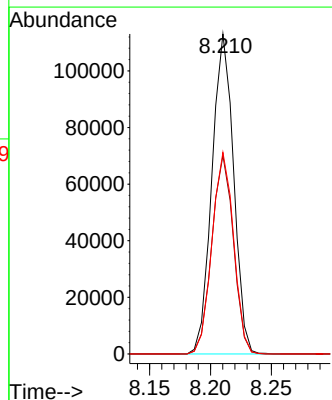
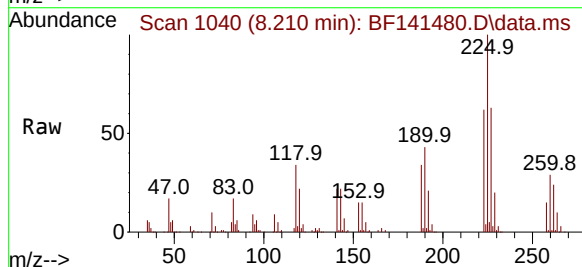
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

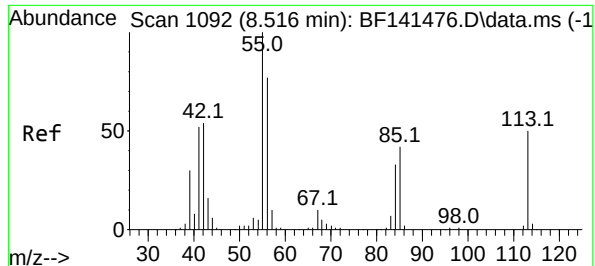
Tgt Ion:	127	Resp:	267977
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	32.9	26.4	39.6
92	19.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.144 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:	225	Resp:	139658
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	63.0	51.0	76.6

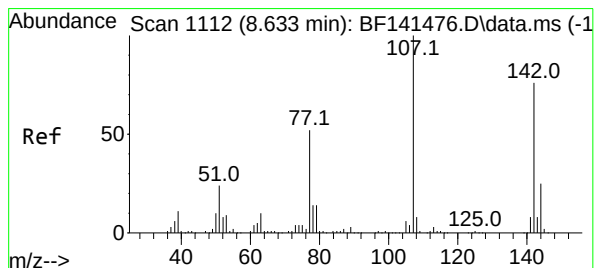
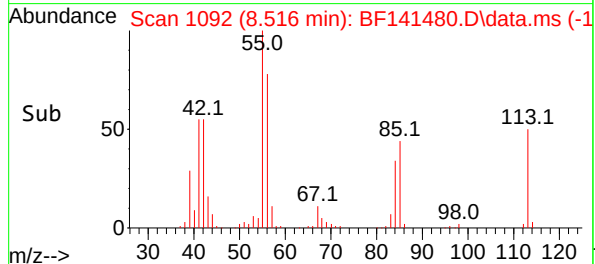
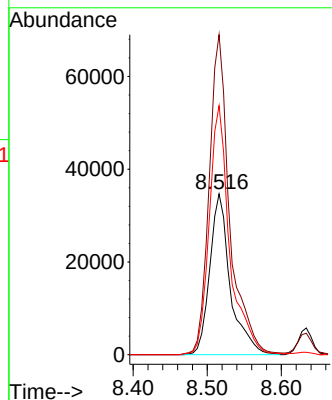
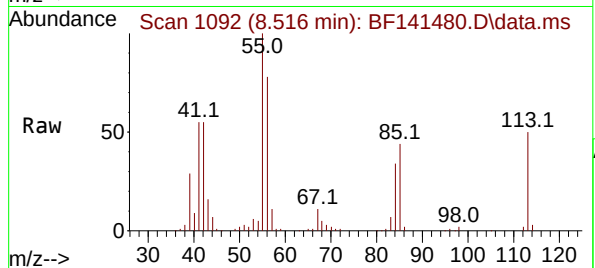




#35
Caprolactam
Concen: 41.104 ng
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

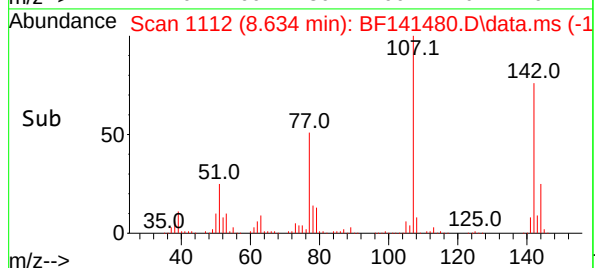
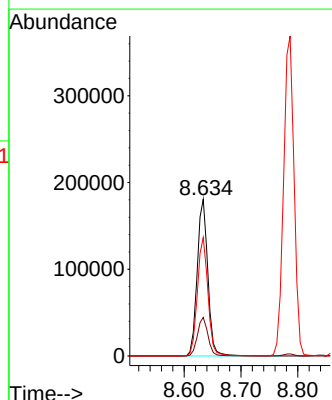
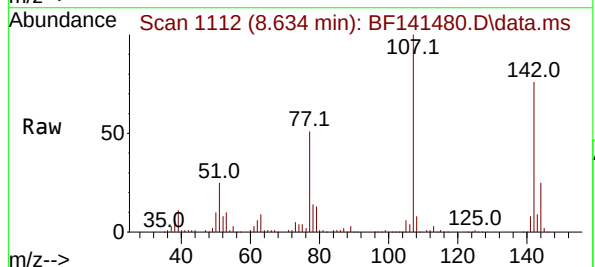
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

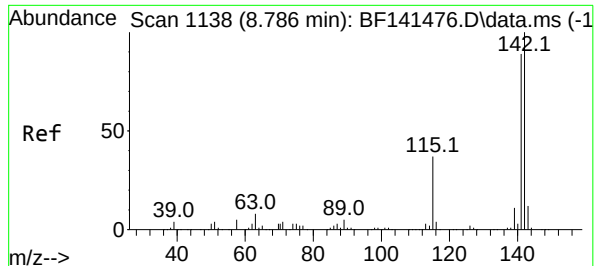
Tgt Ion:113 Resp: 66599
Ion Ratio Lower Upper
113 100
55 199.0 180.8 220.8
56 154.8 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 40.006 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:107 Resp: 235824
Ion Ratio Lower Upper
107 100
144 24.7 19.7 29.5
142 75.6 60.8 91.2

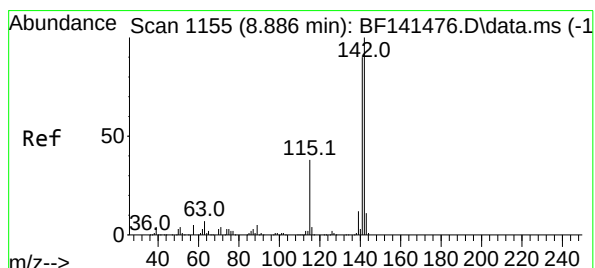
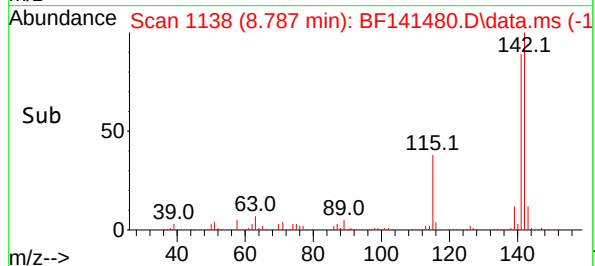
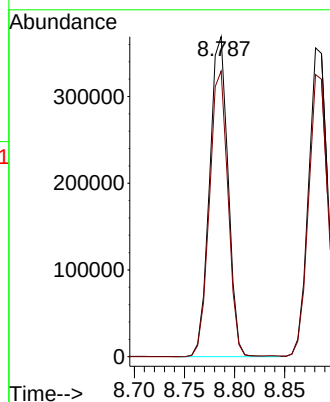
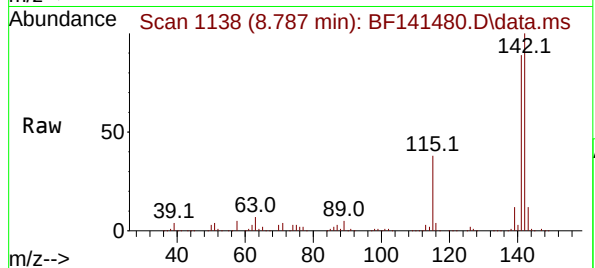




#37
2-Methylnaphthalene
Concen: 38.710 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

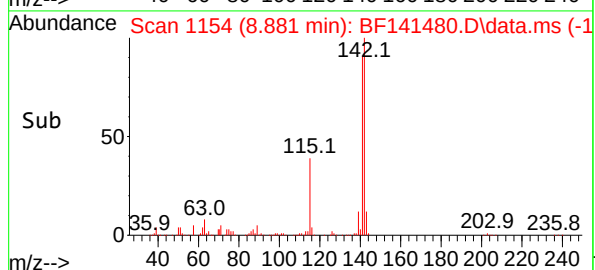
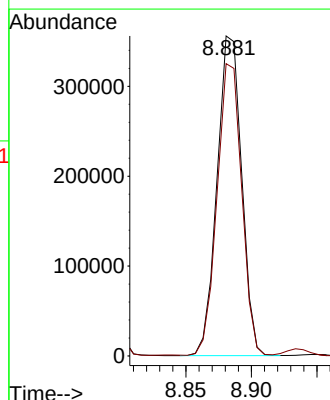
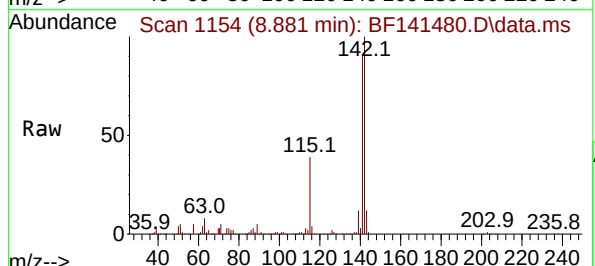
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

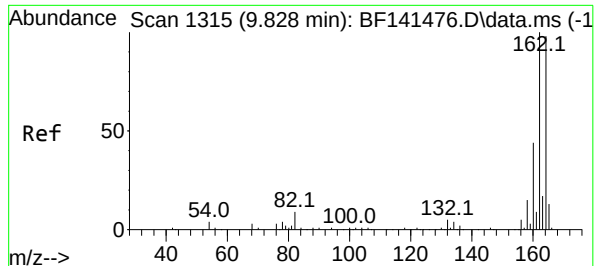
Tgt Ion:142 Resp: 475273
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.049 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:142 Resp: 464346
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

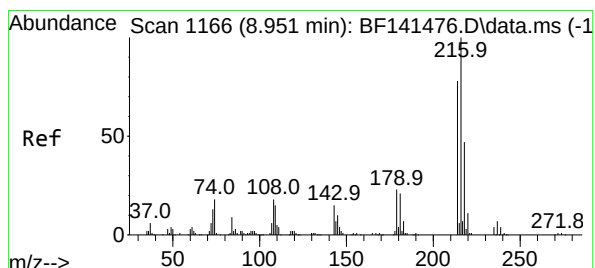
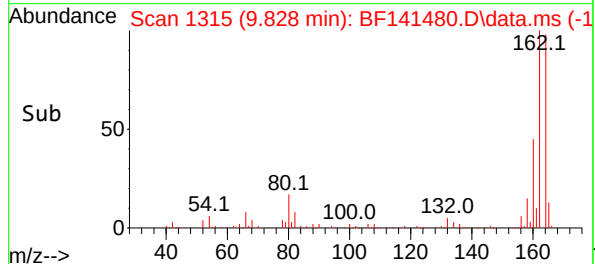
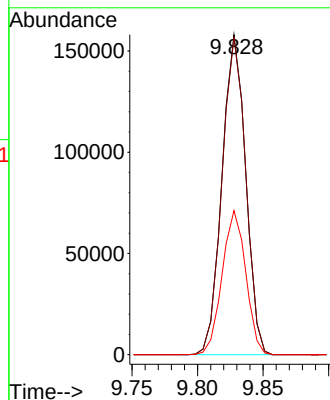
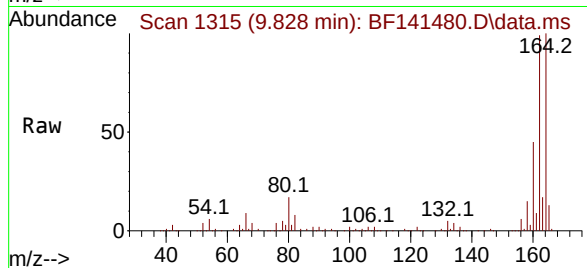
Tgt Ion:164 Resp: 197991

Ion Ratio Lower Upper

164 100

162 99.1 81.3 121.9

160 45.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.182 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Tgt Ion:216 Resp: 230166

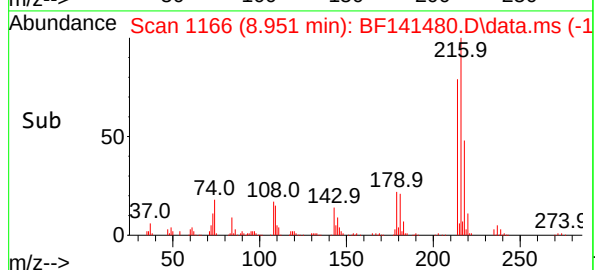
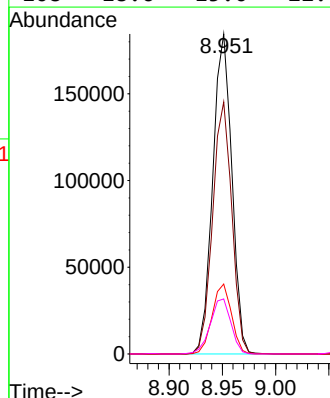
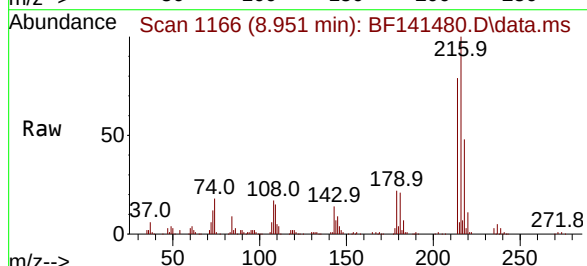
Ion Ratio Lower Upper

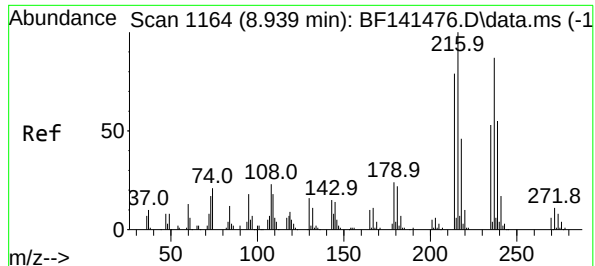
216 100

214 78.9 62.3 93.5

179 22.1 18.0 27.0

108 18.6 15.0 22.6

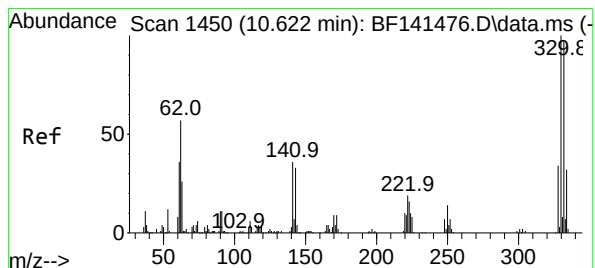
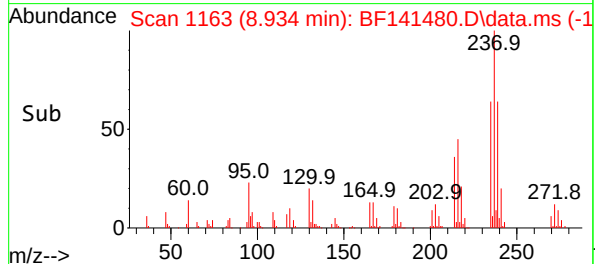
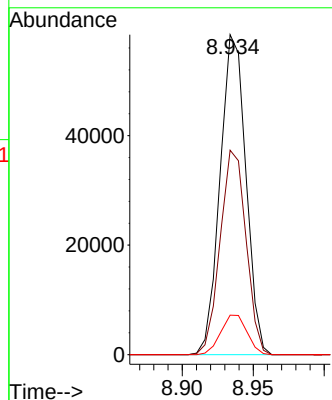
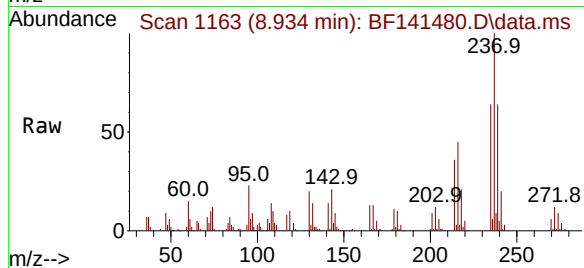




#41
Hexachlorocyclopentadiene
Concen: 38.754 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

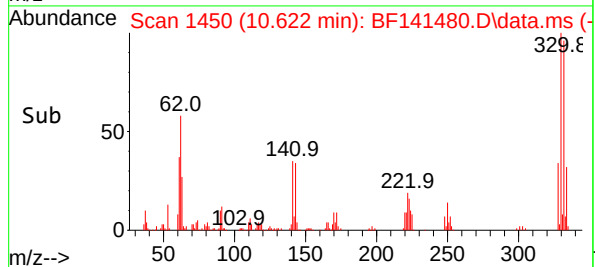
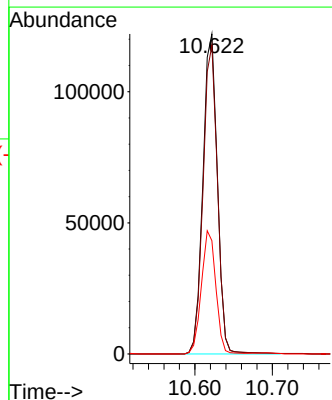
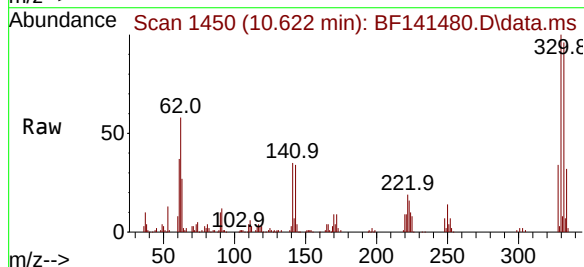
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

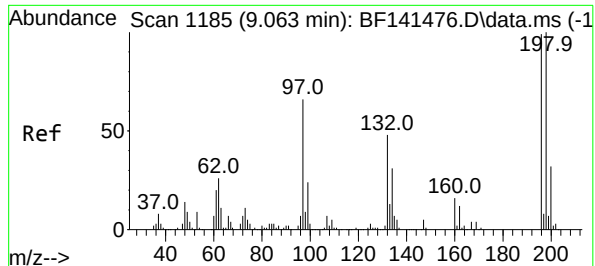
Tgt Ion: 237 Resp: 73834
Ion Ratio Lower Upper
237 100
235 63.9 41.4 81.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 79.490 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 330 Resp: 158098
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 38.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 39.914 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141480.D

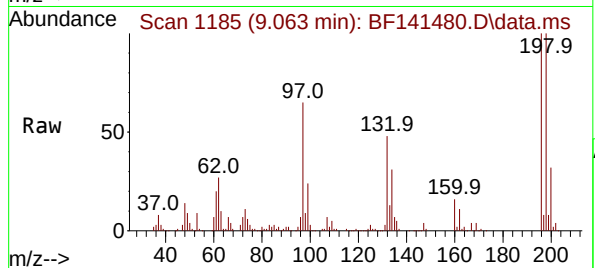
Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625



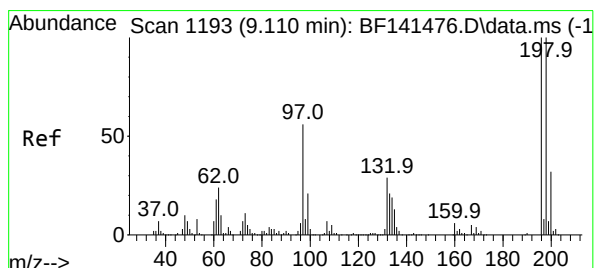
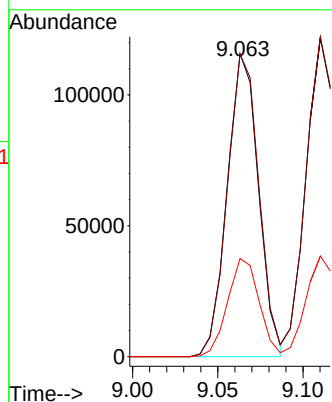
Tgt Ion:196 Resp: 147770

Ion Ratio Lower Upper

196 100

198 99.8 80.6 121.0

200 32.3 25.5 38.3



#44

2,4,5-Trichlorophenol

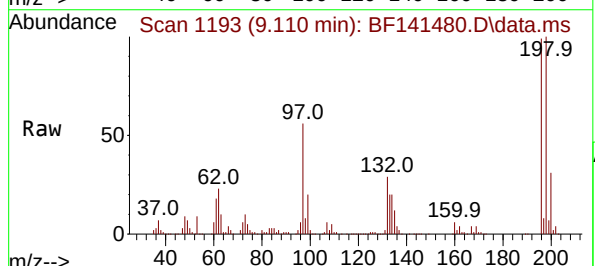
Concen: 40.108 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03



Tgt Ion:196 Resp: 160926

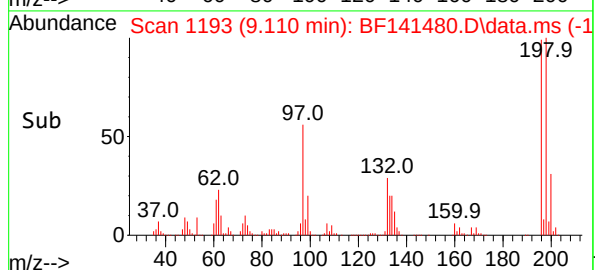
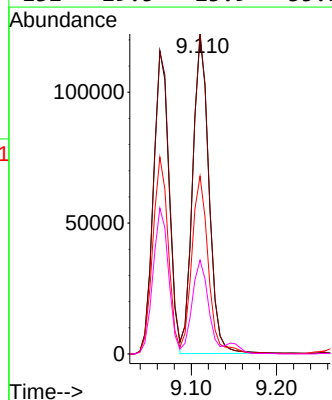
Ion Ratio Lower Upper

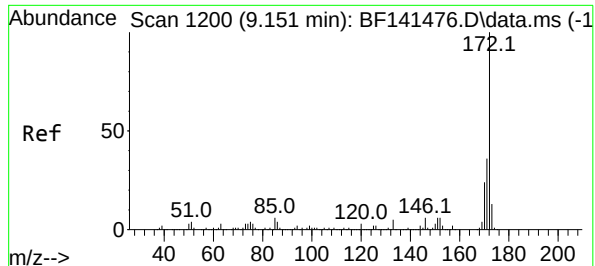
196 100

198 100.5 79.8 119.8

97 55.8 44.8 67.2

132 29.5 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 78.786 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

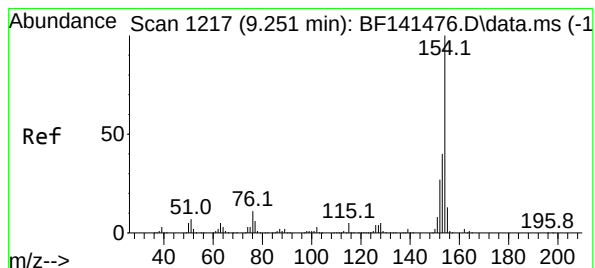
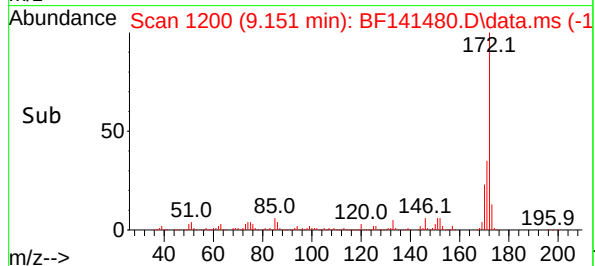
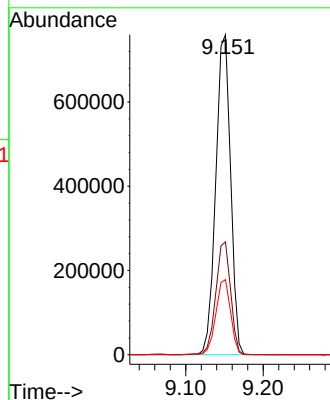
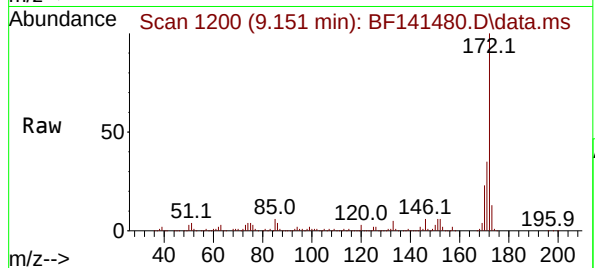
Tgt Ion:172 Resp: 1012492

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.519 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

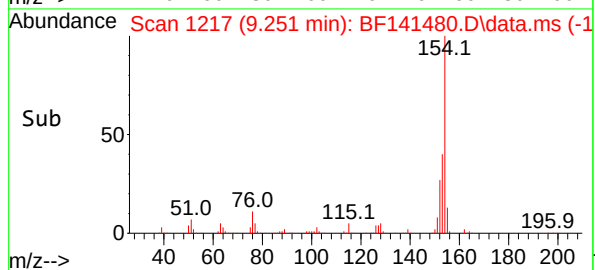
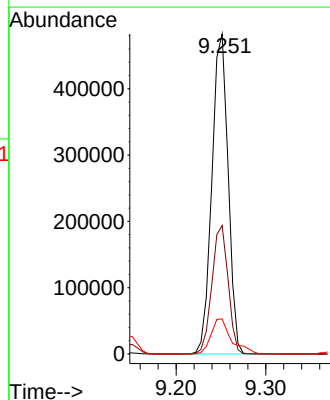
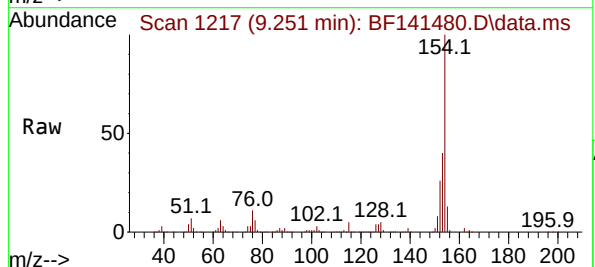
Tgt Ion:154 Resp: 606611

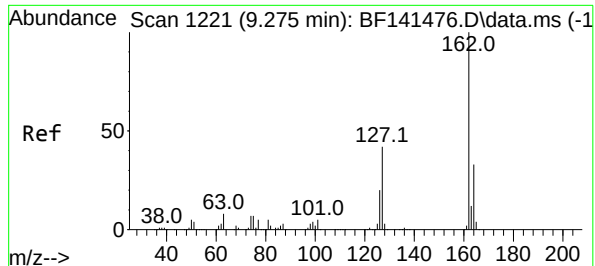
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.453 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

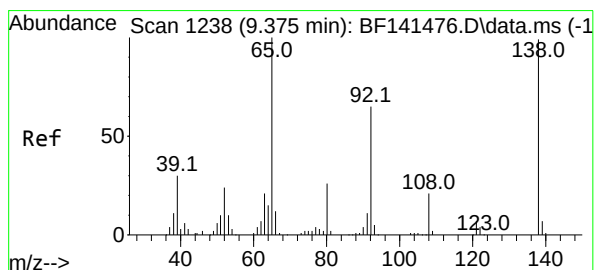
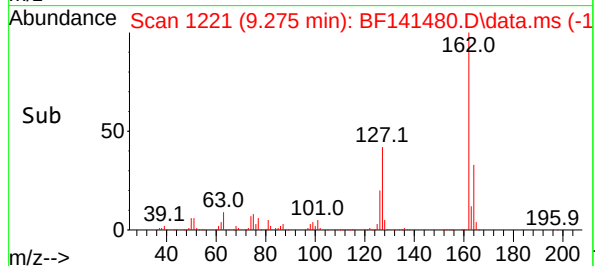
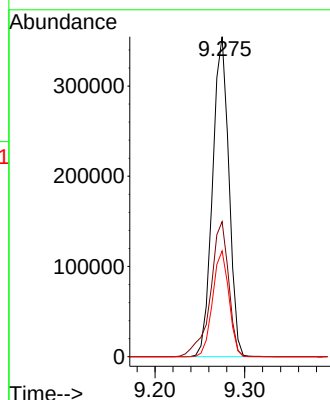
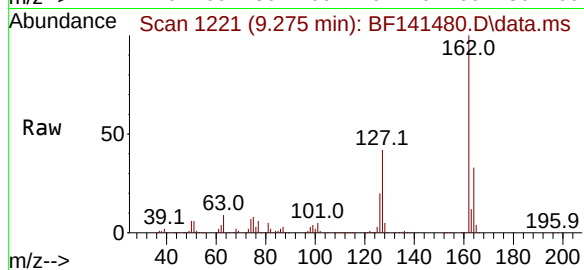
Tgt Ion:162 Resp: 447817

Ion Ratio Lower Upper

162 100

127 42.2 34.1 51.1

164 33.1 26.3 39.5



#48

2-Nitroaniline

Concen: 40.451 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

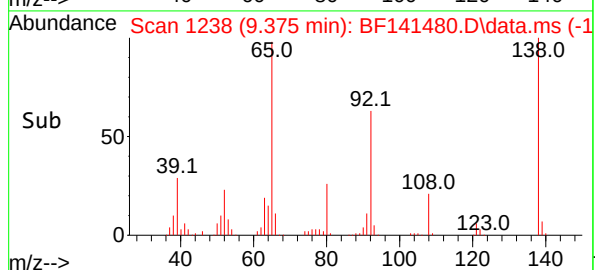
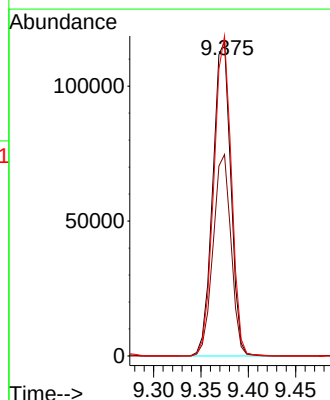
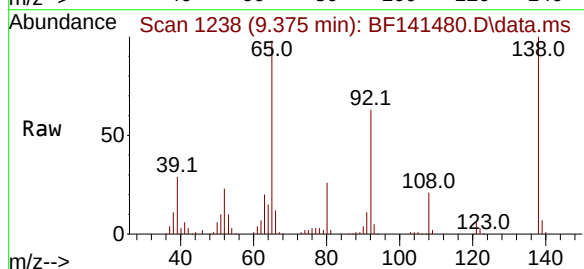
Tgt Ion: 65 Resp: 154092

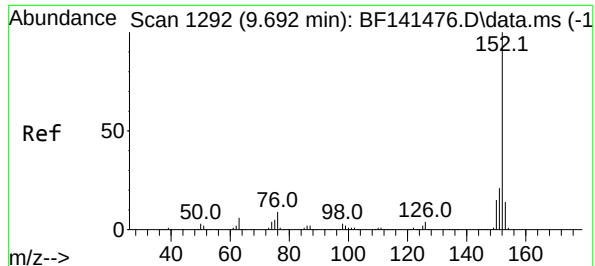
Ion Ratio Lower Upper

65 100

92 64.2 52.2 78.2

138 101.9 79.5 119.3





#49

Acenaphthylene

Concen: 39.734 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141480.D

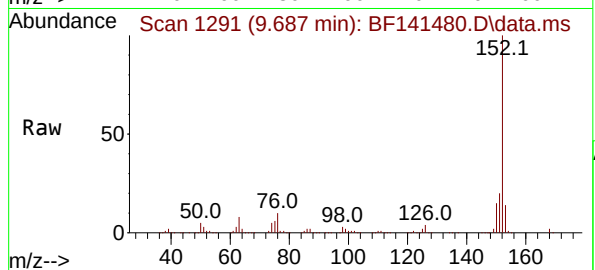
Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625



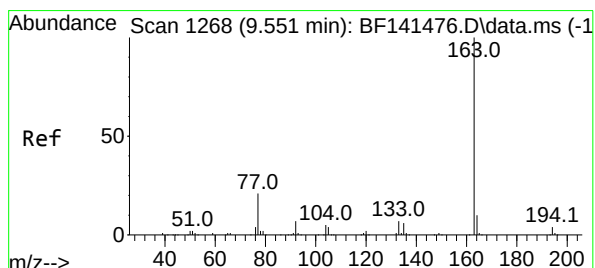
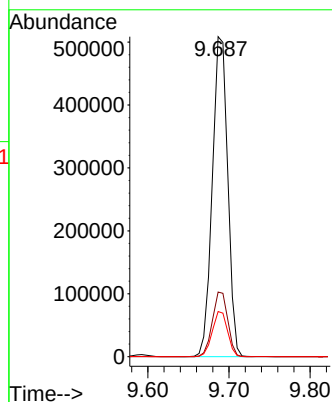
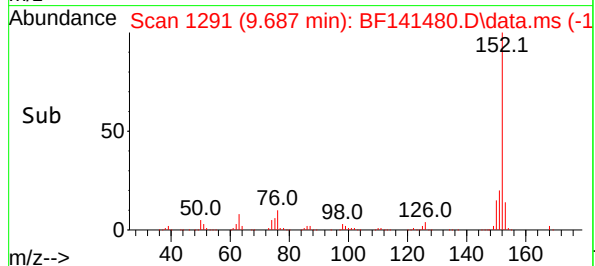
Tgt Ion:152 Resp: 670833

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.1 10.9 16.3



#50

Dimethylphthalate

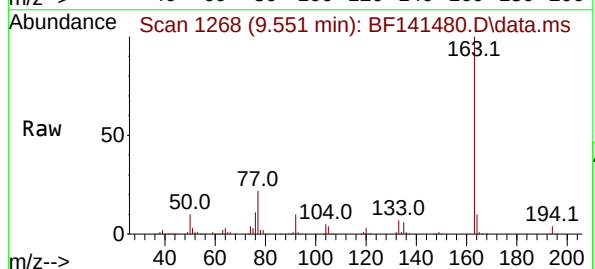
Concen: 39.488 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03



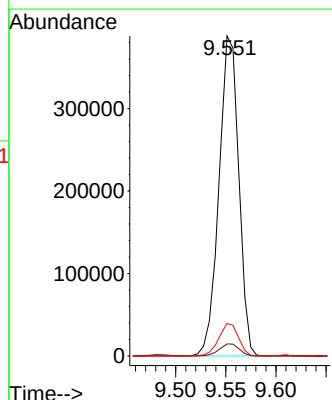
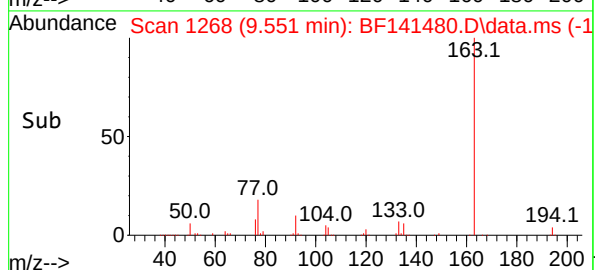
Tgt Ion:163 Resp: 530769

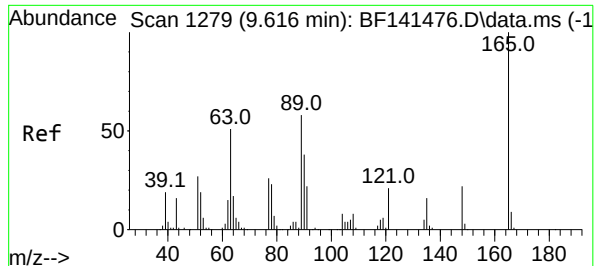
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9

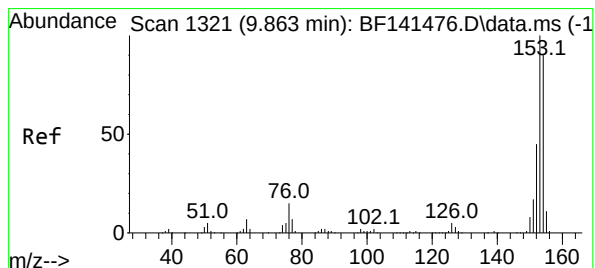
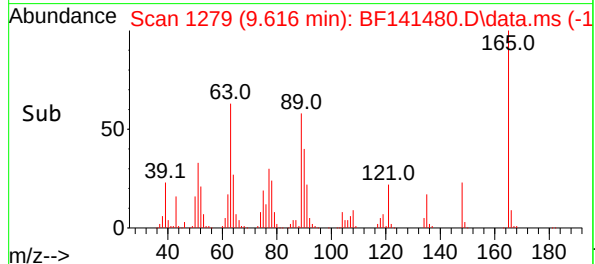
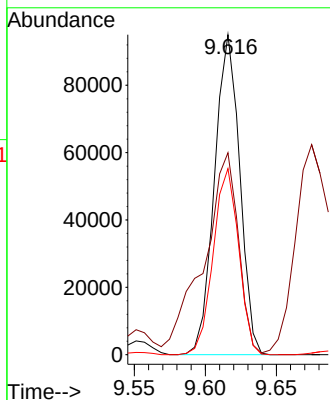
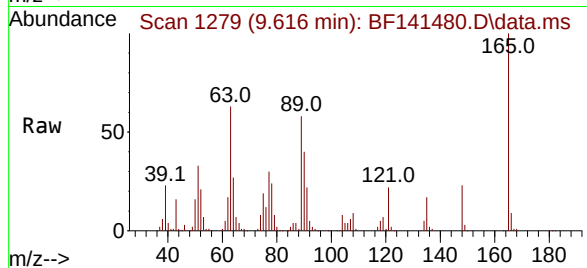




#51
2,6-Dinitrotoluene
Concen: 39.965 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

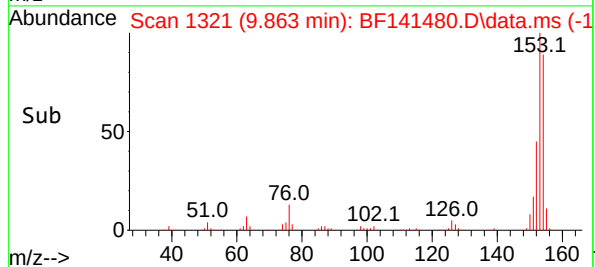
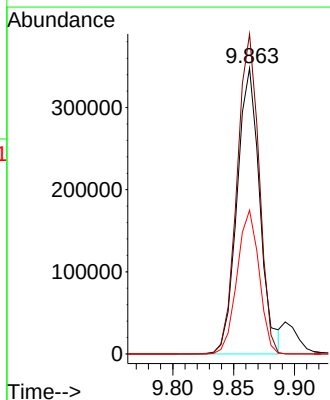
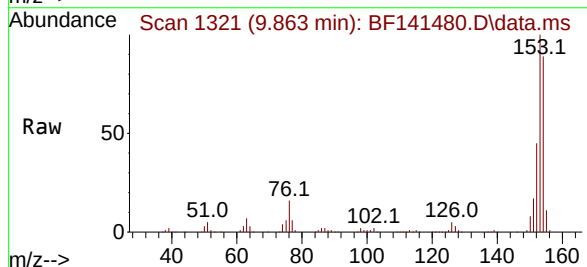
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

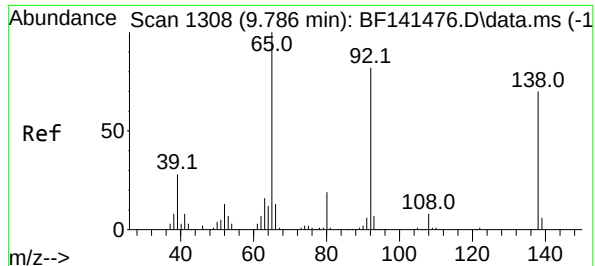
Tgt Ion:165 Resp: 117431
Ion Ratio Lower Upper
165 100
63 63.1 49.4 74.0
89 58.2 46.5 69.7



#52
Acenaphthene
Concen: 39.893 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:154 Resp: 452794
Ion Ratio Lower Upper
154 100
153 112.0 89.2 133.8
152 50.2 39.8 59.8

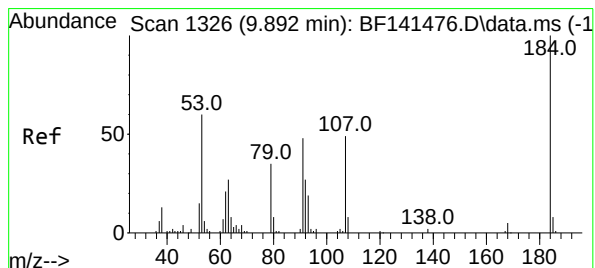
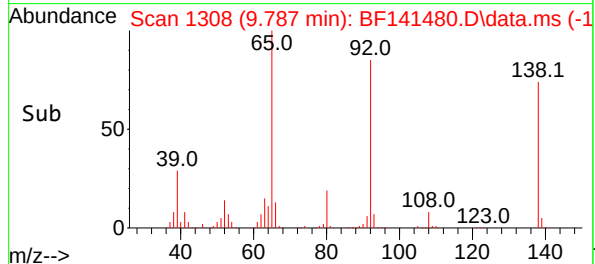
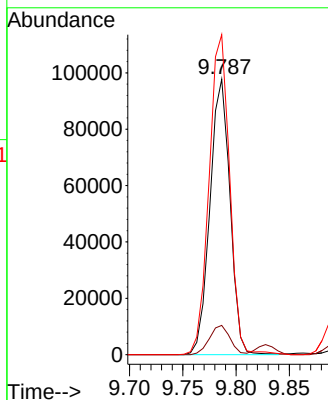
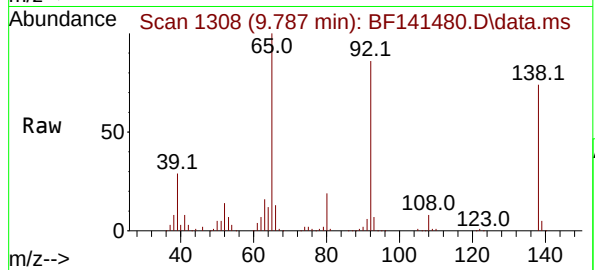




#53
3-Nitroaniline
Concen: 40.463 ng
RT: 9.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

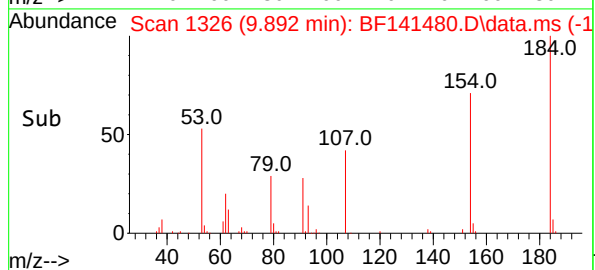
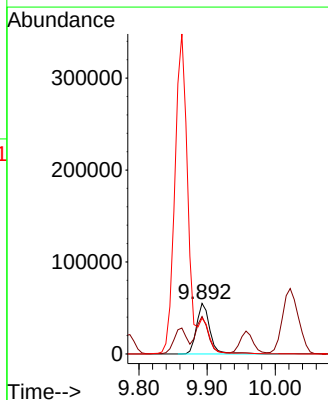
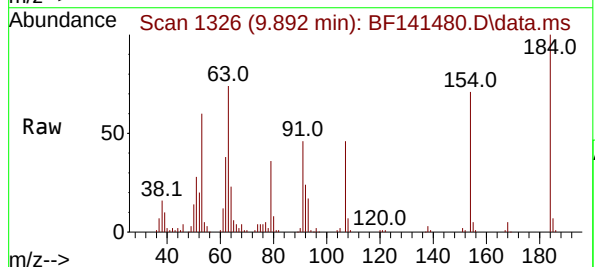
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

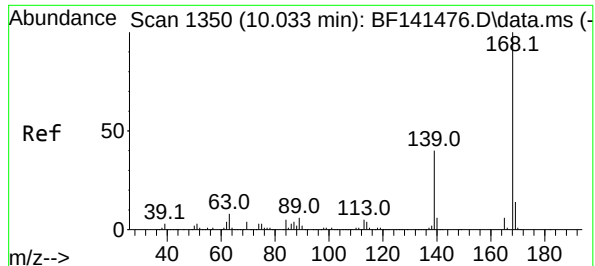
Tgt Ion:138 Resp: 127965
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 116.2 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 42.639 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:184 Resp: 74461
Ion Ratio Lower Upper
184 100
63 74.2 61.0 91.6
154 71.0 59.9 89.9





#55

Dibenzenofuran

Concen: 39.860 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.005 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

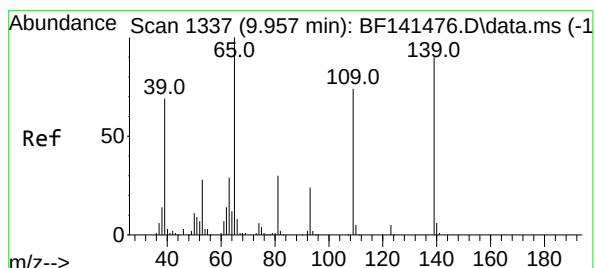
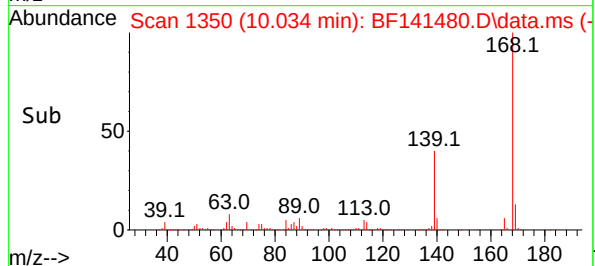
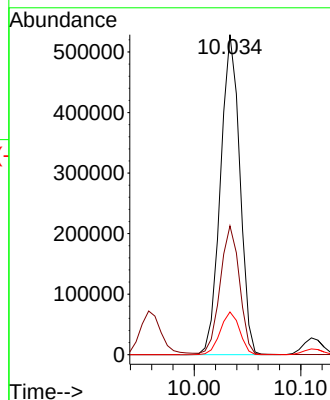
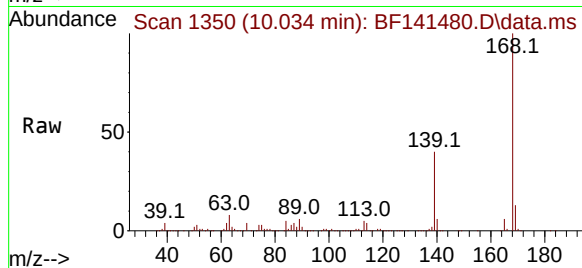
Tgt Ion:168 Resp: 664069

Ion Ratio Lower Upper

168 100

139 40.2 32.7 49.1

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 42.166 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

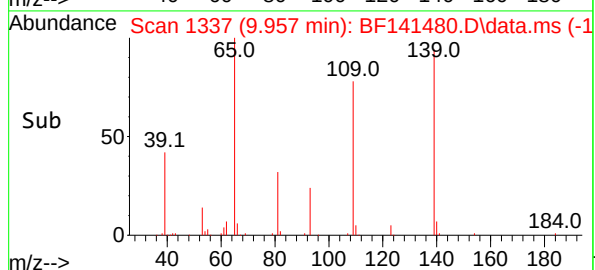
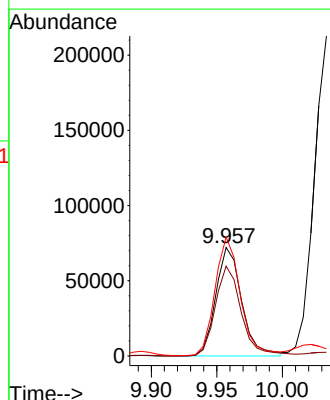
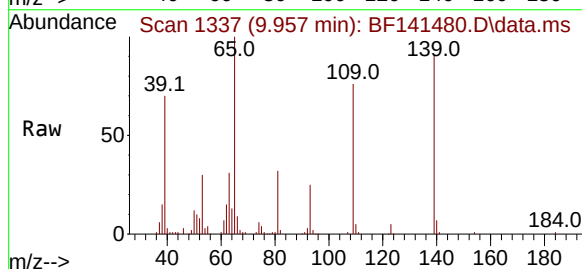
Tgt Ion:139 Resp: 98990

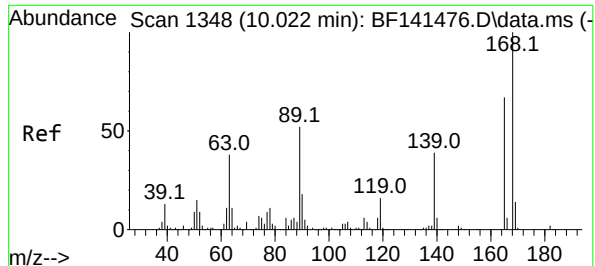
Ion Ratio Lower Upper

139 100

109 82.7 62.0 102.0

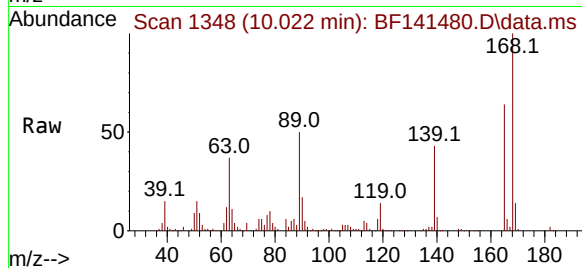
65 109.5 91.2 131.2



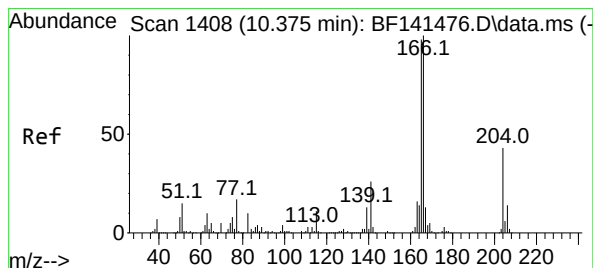
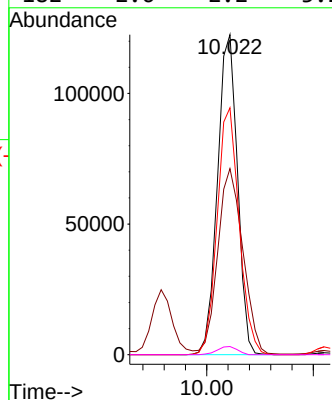
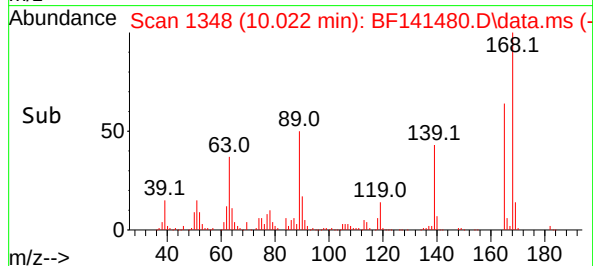


#57
2,4-Dinitrotoluene
Concen: 40.633 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

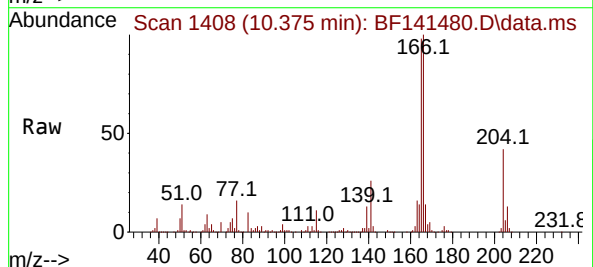
Instrument :
BNA_F
ClientSampleId :
ICVBF020625



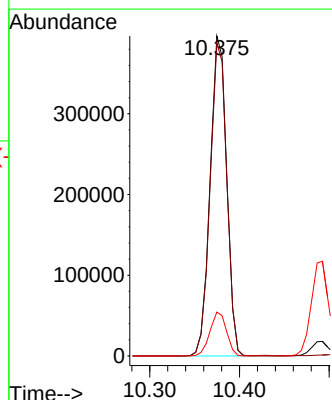
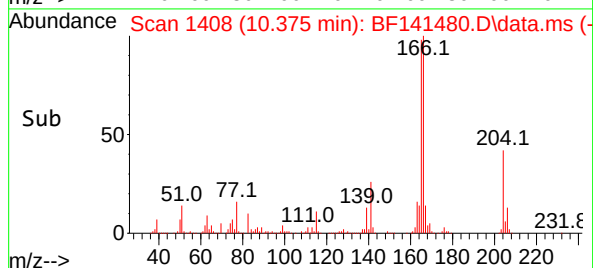
Tgt Ion:165 Resp: 158941
Ion Ratio Lower Upper
165 100
63 58.1 46.4 69.6
89 77.2 61.8 92.6
182 2.6 2.2 3.2

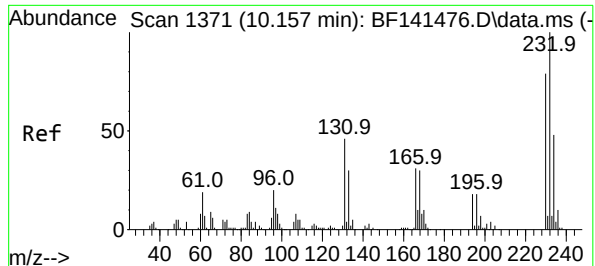


#58
Fluorene
Concen: 39.501 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03



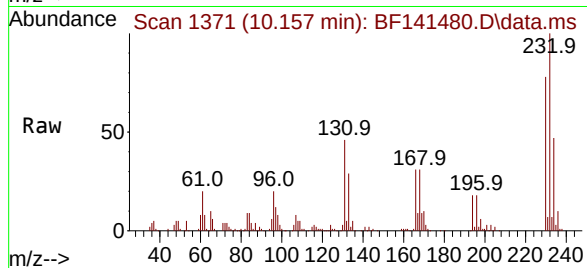
Tgt Ion:166 Resp: 508833
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 13.7 10.7 16.1



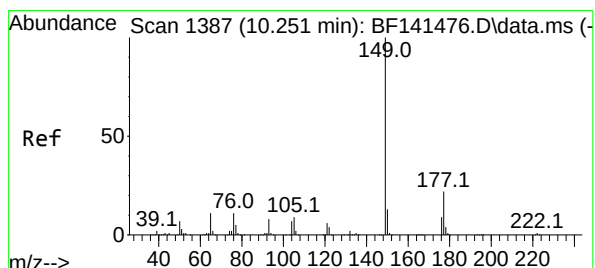
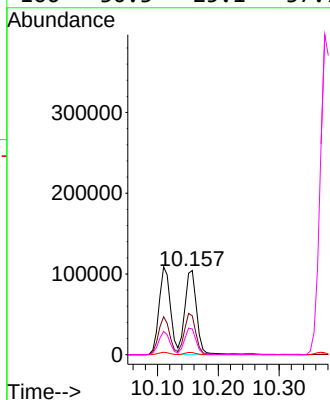
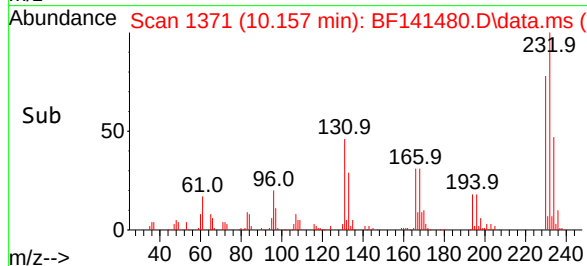


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.438 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

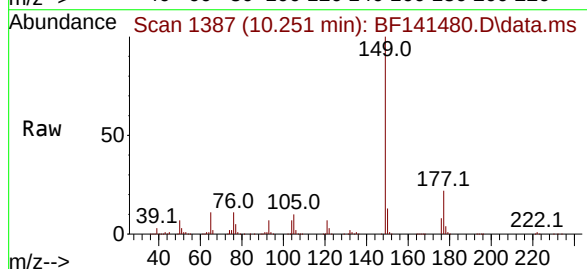
Instrument :
BNA_F
ClientSampleId :
ICVBF020625



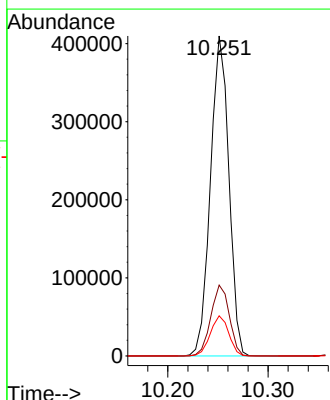
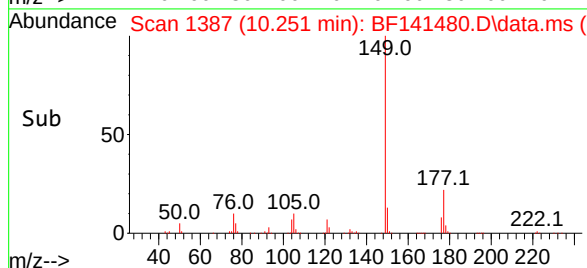
Tgt Ion:232 Resp: 139688
Ion Ratio Lower Upper
232 100
131 46.8 39.2 58.8
130 2.6 2.1 3.1
166 30.3 25.1 37.7

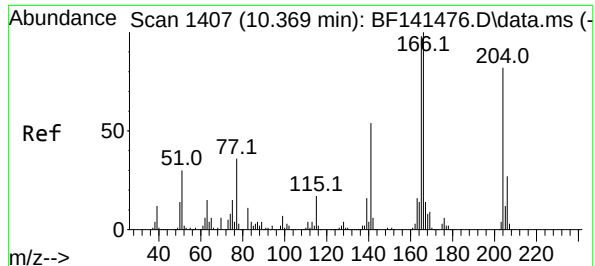


#60
Diethylphthalate
Concen: 39.467 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03



Tgt Ion:149 Resp: 521933
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.6 10.1 15.1

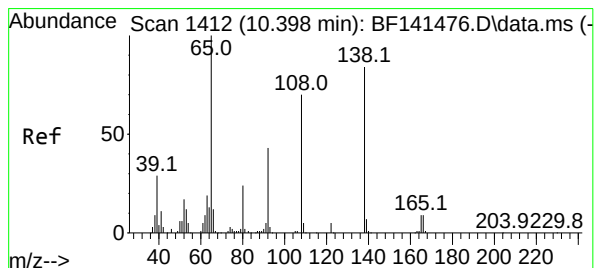
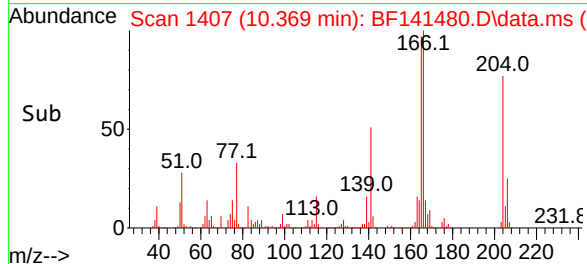
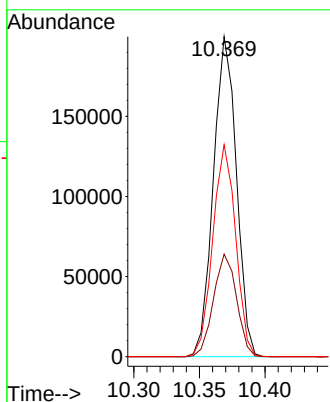
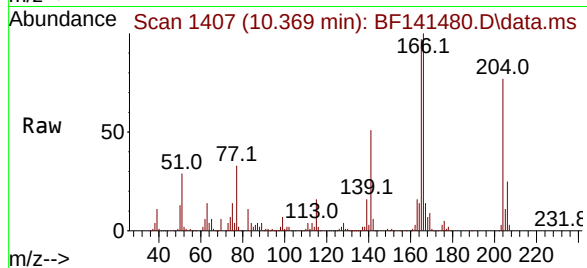




#61
4-Chlorophenyl-phenylether
Concen: 39.318 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

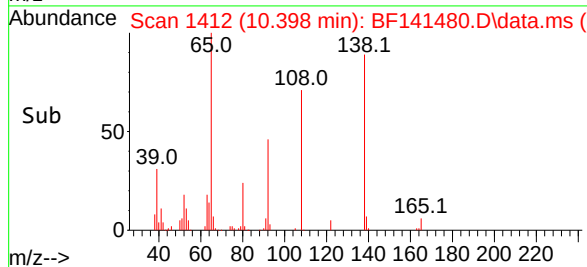
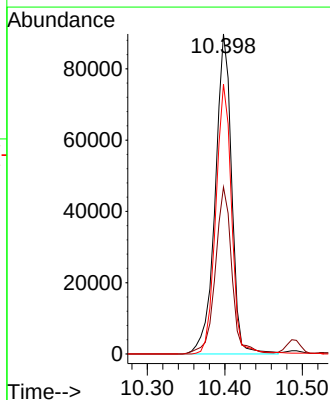
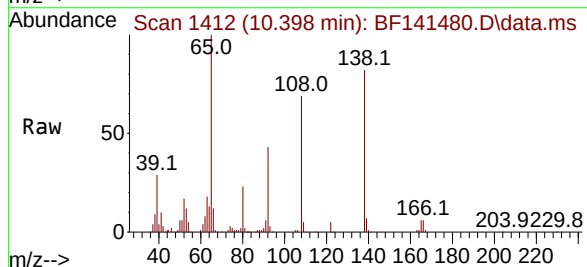
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

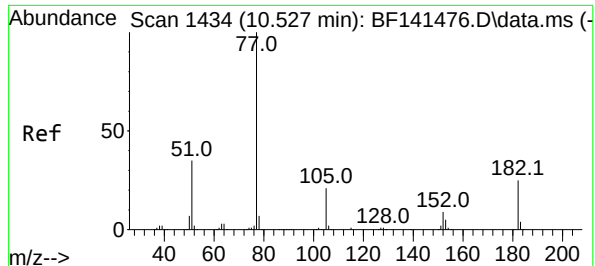
Tgt Ion:204 Resp: 243659
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 66.2 51.9 77.9



#62
4-Nitroaniline
Concen: 41.124 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

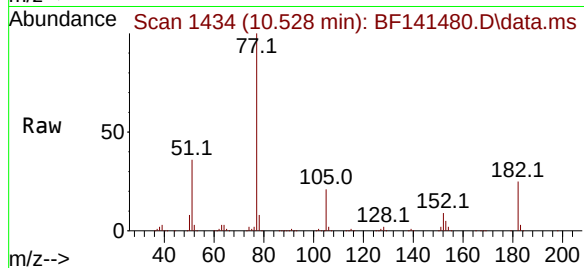
Tgt Ion:138 Resp: 132059
Ion Ratio Lower Upper
138 100
92 52.1 31.3 71.3
108 84.3 63.7 103.7



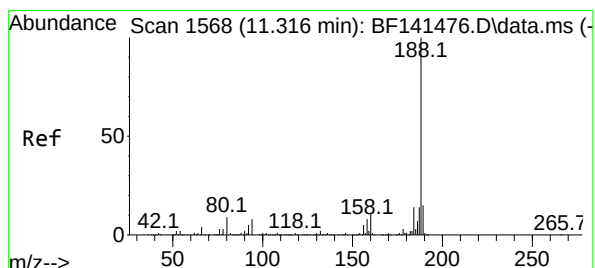
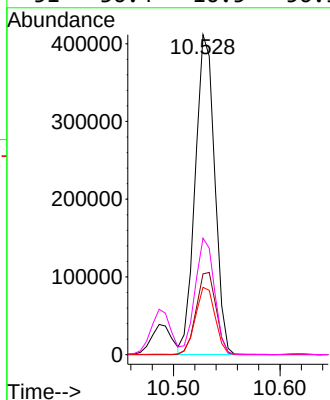
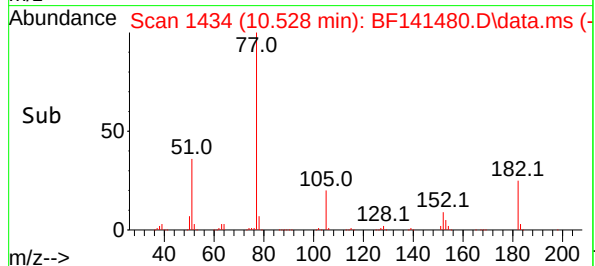


#63
Azobenzene
Concen: 39.759 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

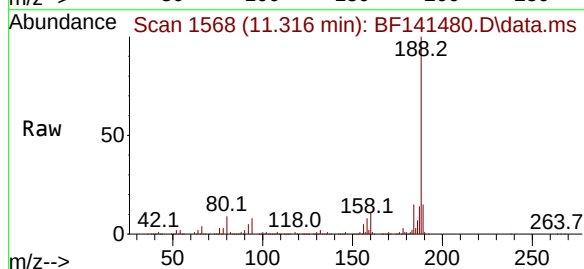
Instrument :
BNA_F
ClientSampleId :
ICVBF020625



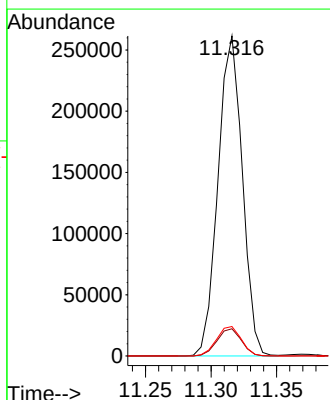
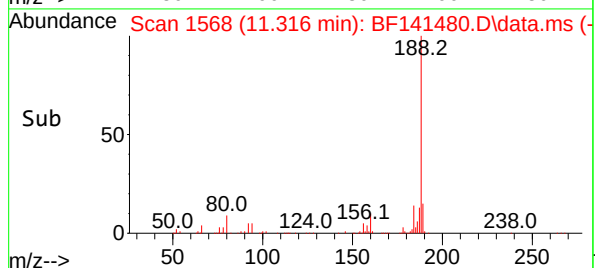
Tgt Ion: 77 Resp: 522705
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 21.0 0.4 40.4
51 36.4 16.5 56.5

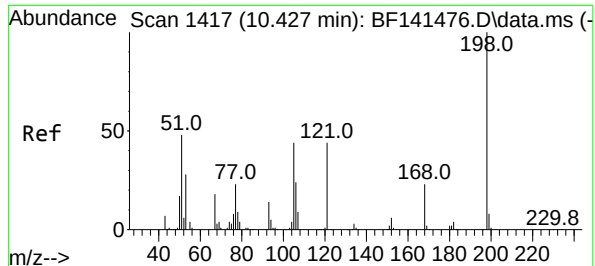


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03



Tgt Ion: 188 Resp: 337289
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.2 7.3 10.9

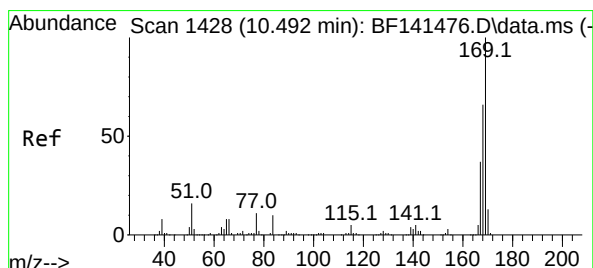
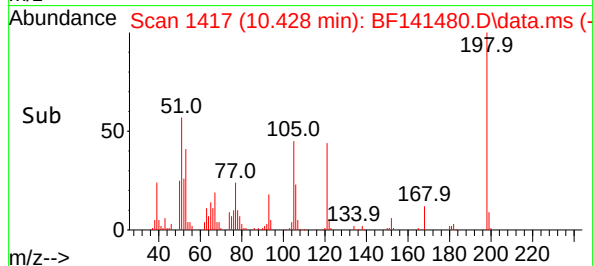
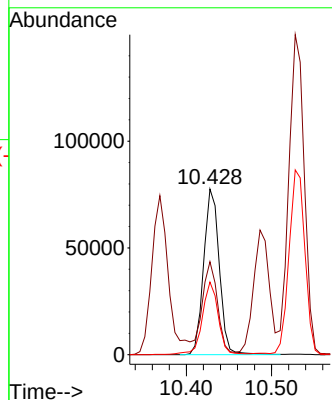
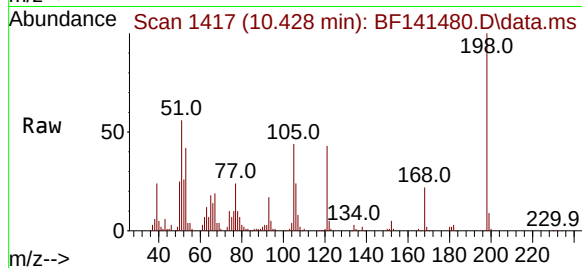




#65
4,6-Dinitro-2-methylphenol
Concen: 42.230 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

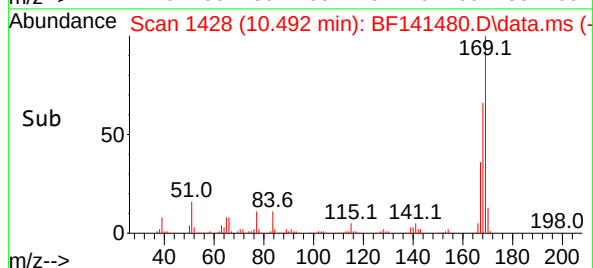
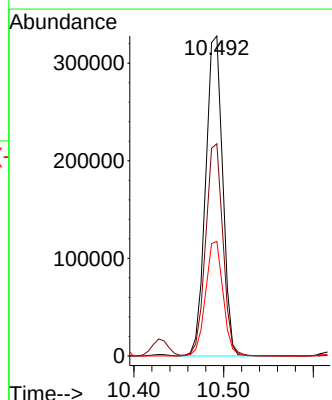
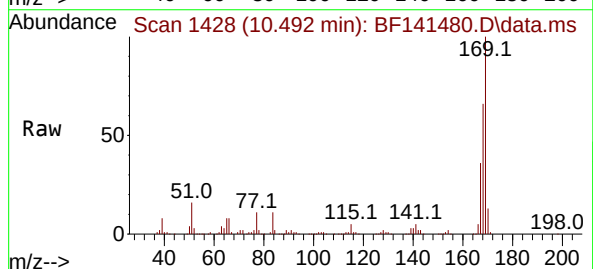
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

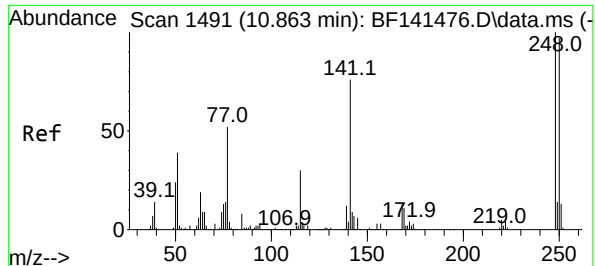
Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.2	37.4	77.4
105	43.9	25.2	65.2



#66
n-Nitrosodiphenylamine
Concen: 40.040 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.3	79.9
167	35.8	29.4	44.2

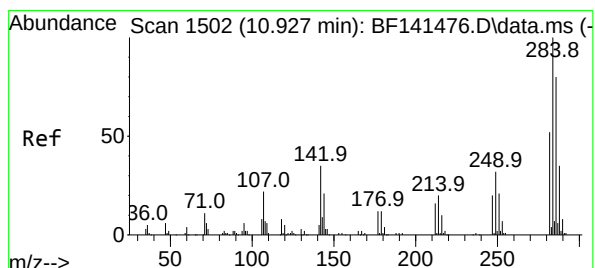
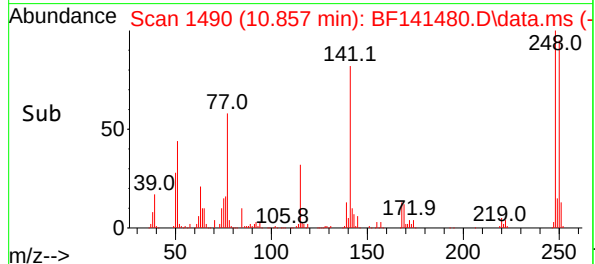
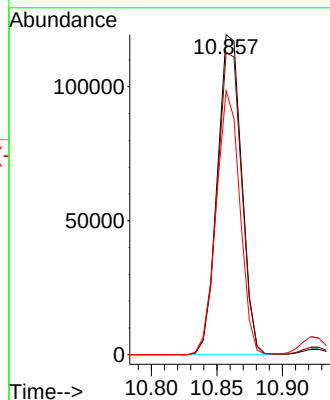
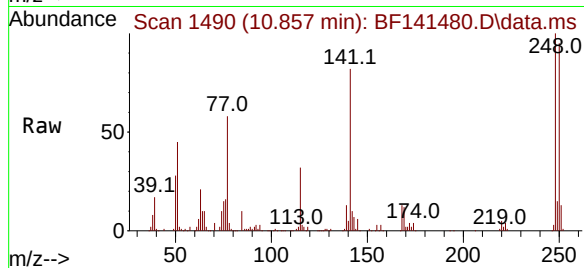




#67
4-Bromophenyl-phenylether
Concen: 40.864 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

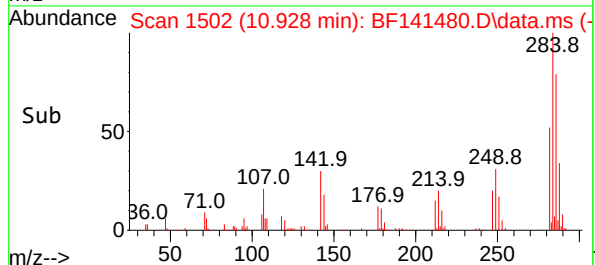
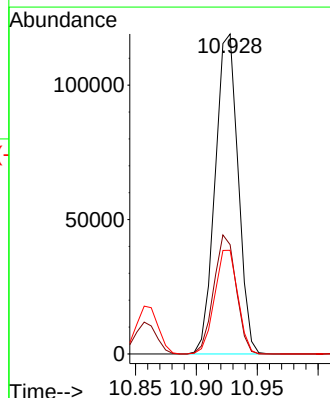
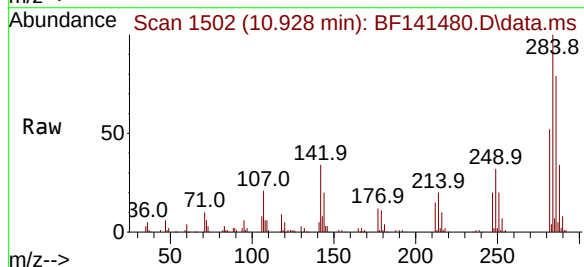
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

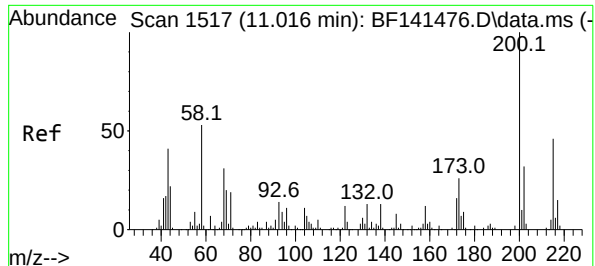
Tgt Ion:248 Resp: 154044
Ion Ratio Lower Upper
248 100
250 94.5 77.8 116.6
141 82.5 60.6 90.8



#68
Hexachlorobenzene
Concen: 40.208 ng
RT: 10.928 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:284 Resp: 156075
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 32.4 25.8 38.8

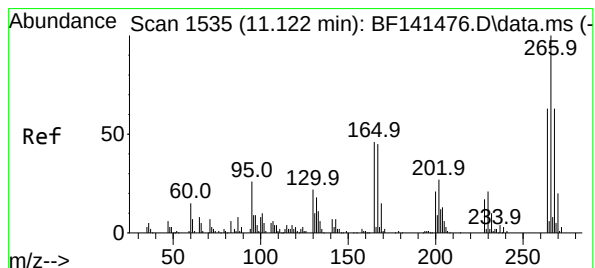
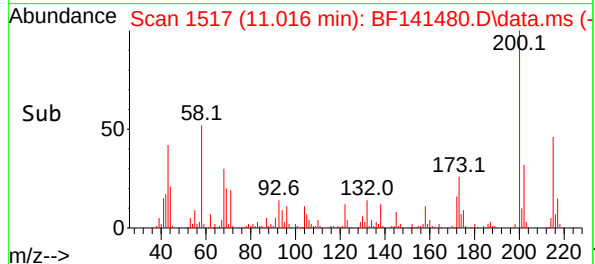
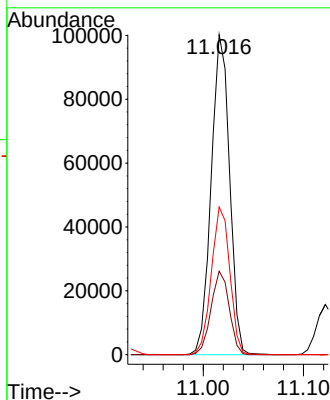
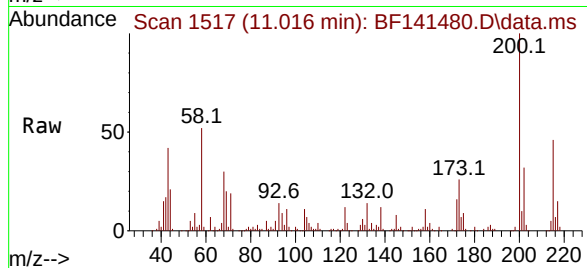




#69
Atrazine
Concen: 39.358 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

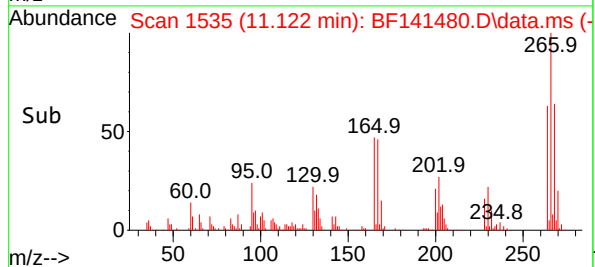
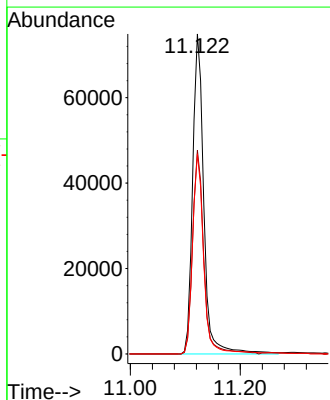
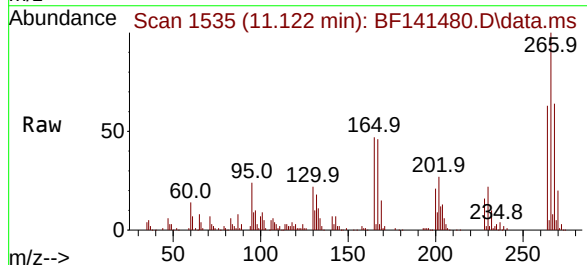
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

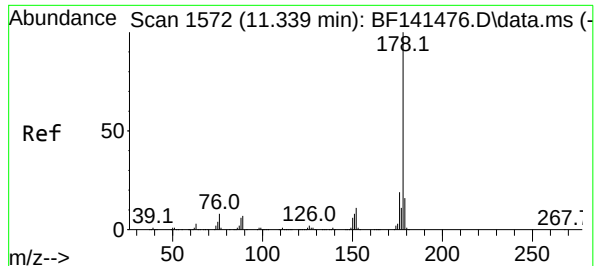
Tgt Ion:200 Resp: 127486
Ion Ratio Lower Upper
200 100
173 26.1 5.9 45.9
215 46.2 25.9 65.9



#70
Pentachlorophenol
Concen: 42.476 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:266 Resp: 105427
Ion Ratio Lower Upper
266 100
268 63.6 50.1 75.1
264 62.5 50.1 75.1

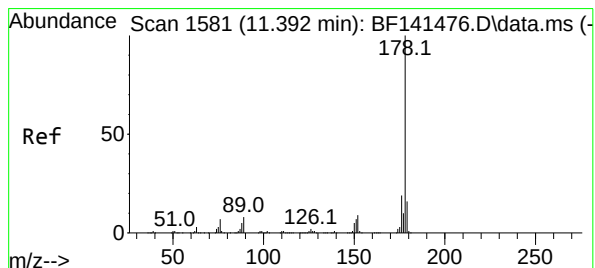
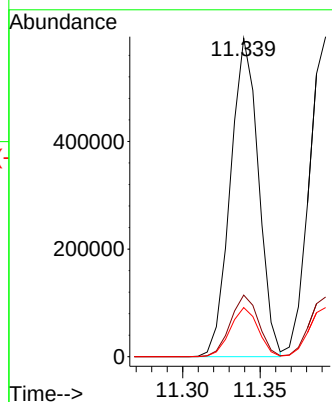
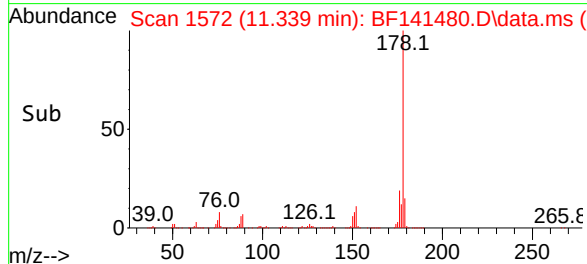
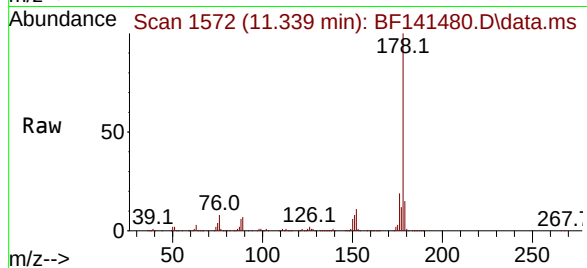




#71
Phenanthrene
Concen: 40.114 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

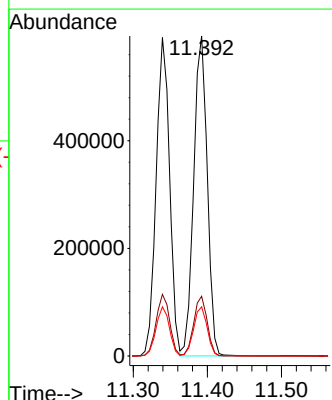
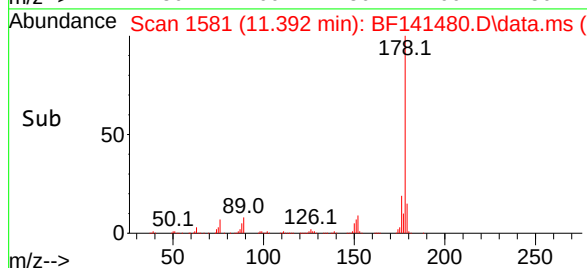
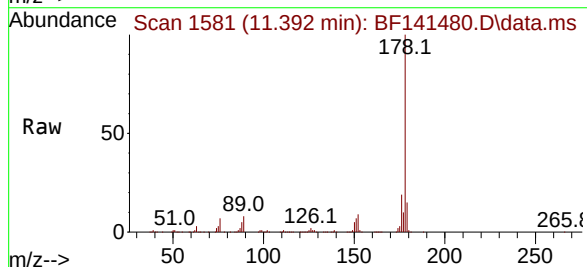
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

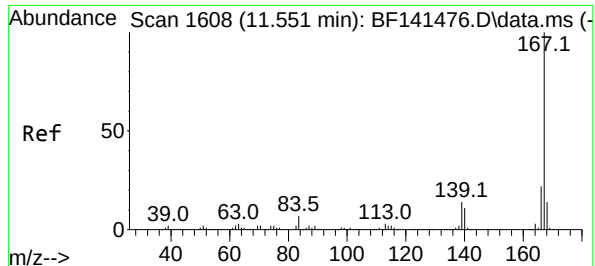
Tgt Ion:178 Resp: 744761
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 40.362 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:178 Resp: 753295
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.4 18.6

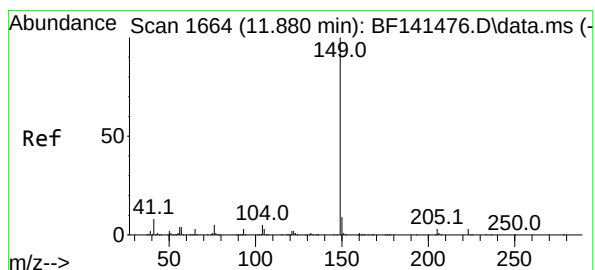
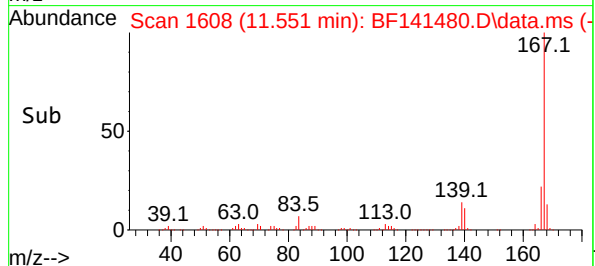
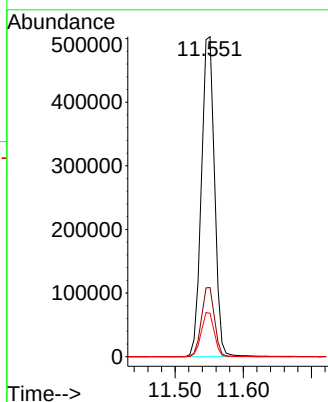
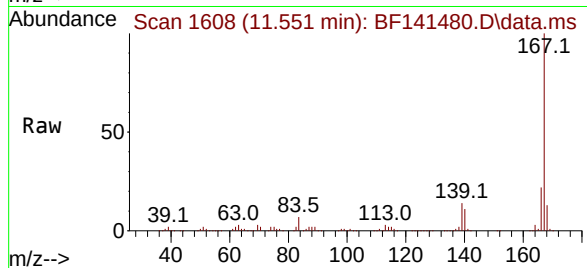




#73
Carbazole
Concen: 40.267 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

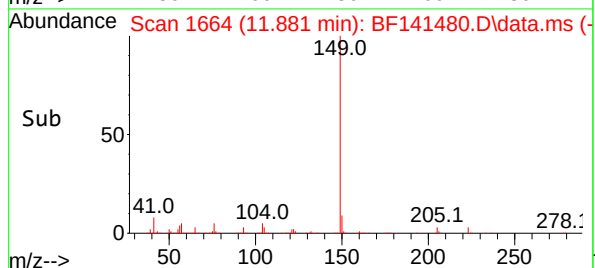
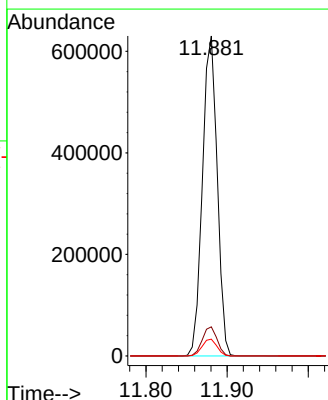
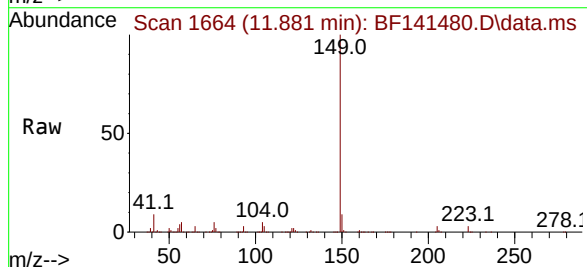
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

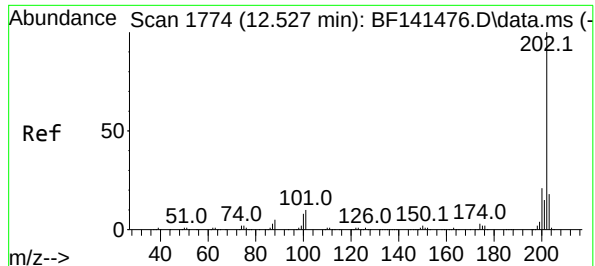
Tgt Ion:167 Resp: 676218
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 40.953 ng
RT: 11.881 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:149 Resp: 794101
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.2 6.2

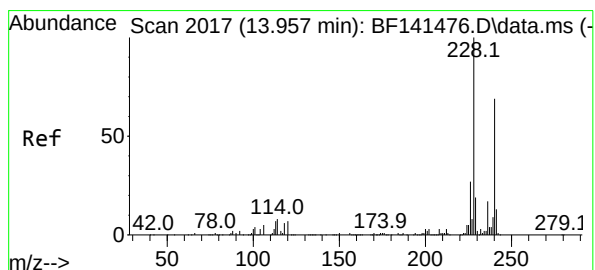
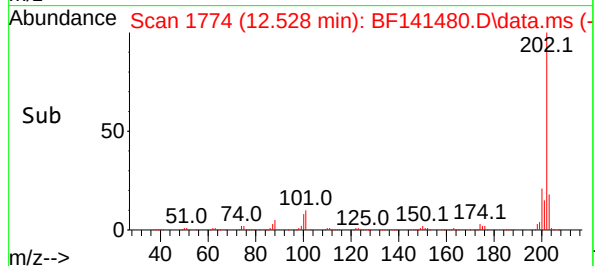
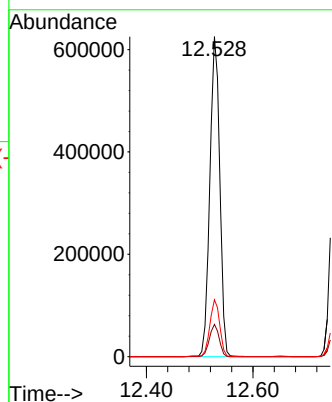
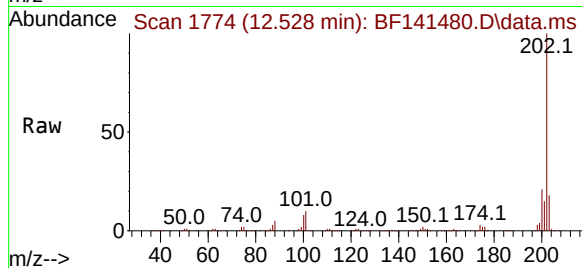




#75
Fluoranthene
Concen: 41.011 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

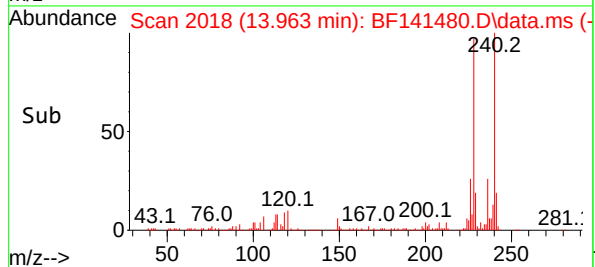
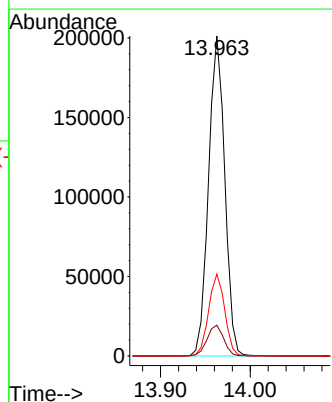
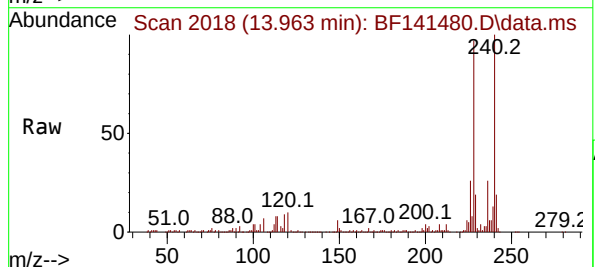
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

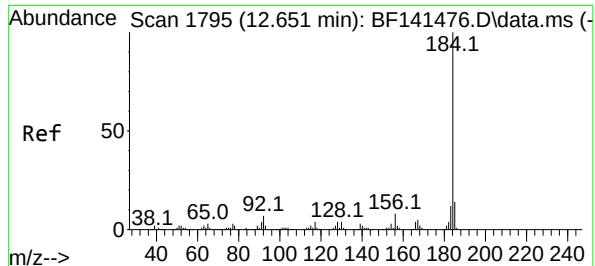
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.2
203	17.8	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.0	12.0
236	25.6	19.8	29.8

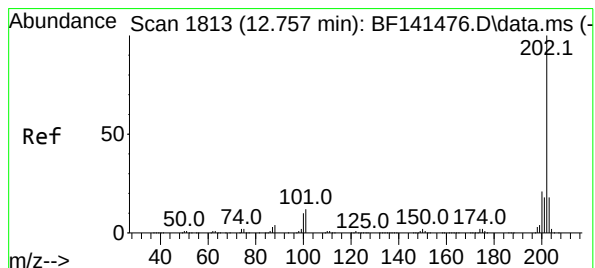
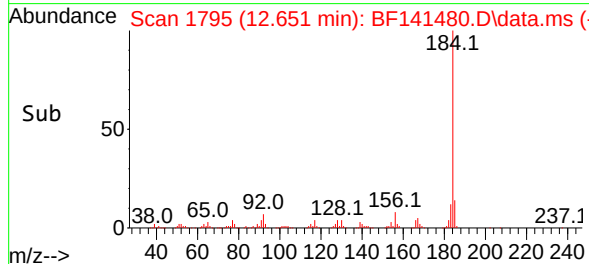
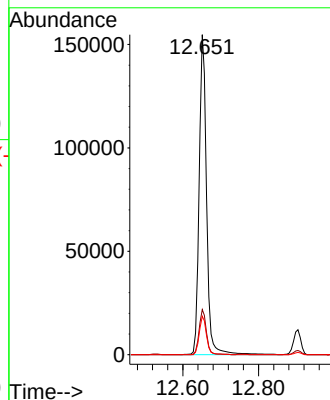
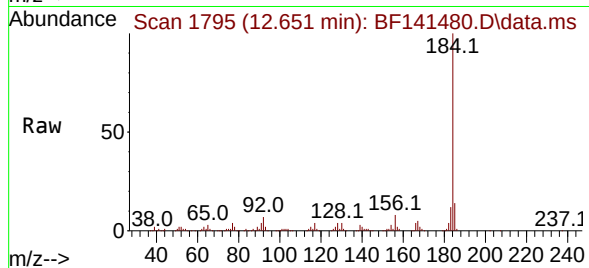




#77
Benzidine
Concen: 38.017 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

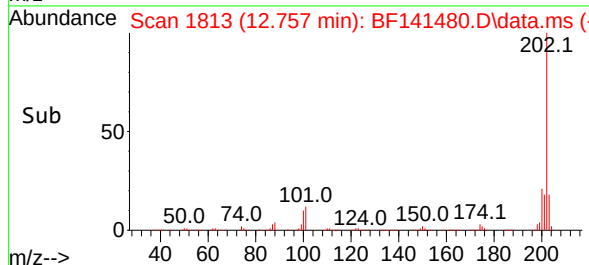
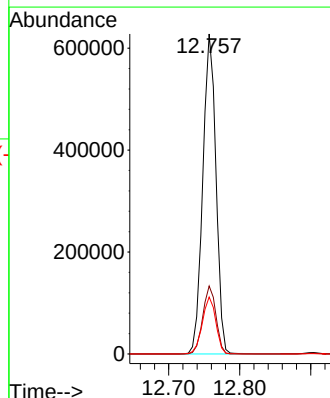
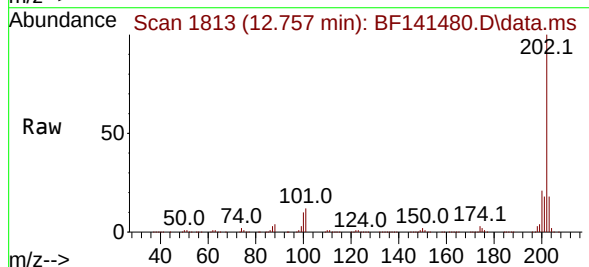
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

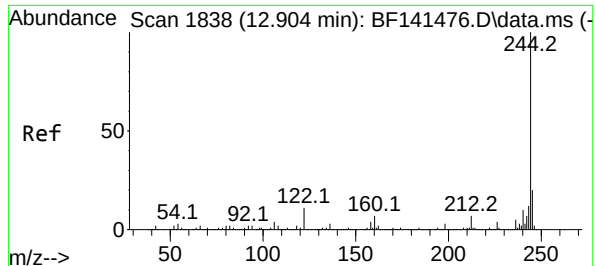
Tgt Ion:184 Resp: 211734
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 37.784 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:202 Resp: 812250
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 75.750 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

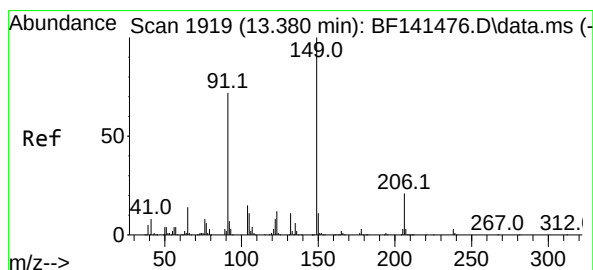
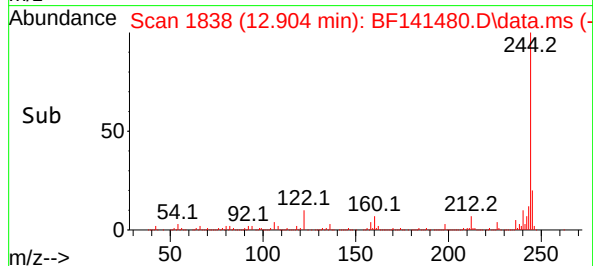
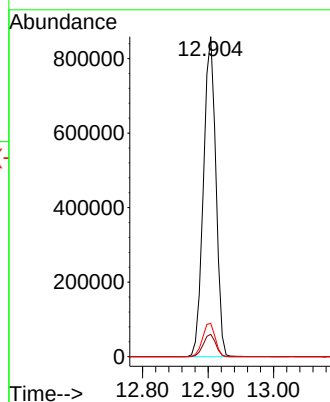
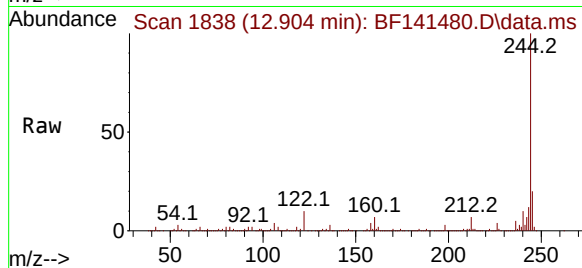
Tgt Ion:244 Resp: 1133126

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.4 8.4 12.6



#80

Butylbenzylphthalate

Concen: 41.781 ng

RT: 13.380 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

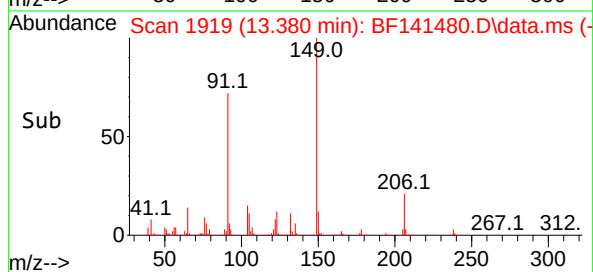
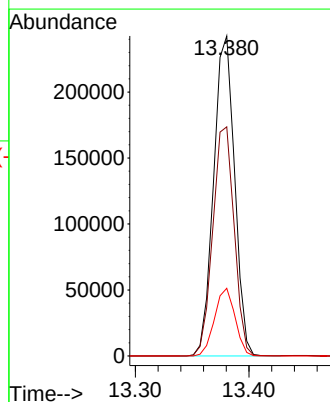
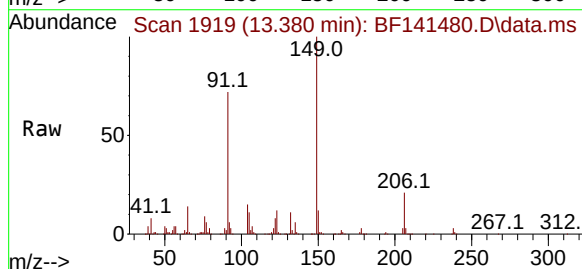
Tgt Ion:149 Resp: 311103

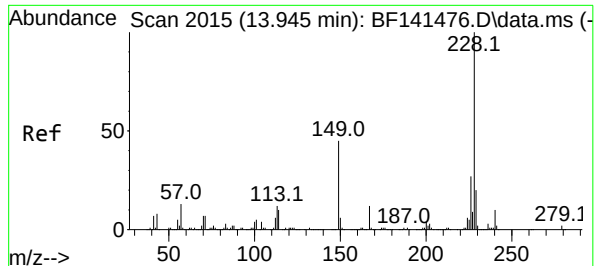
Ion Ratio Lower Upper

149 100

91 71.6 57.8 86.8

206 21.2 16.7 25.1

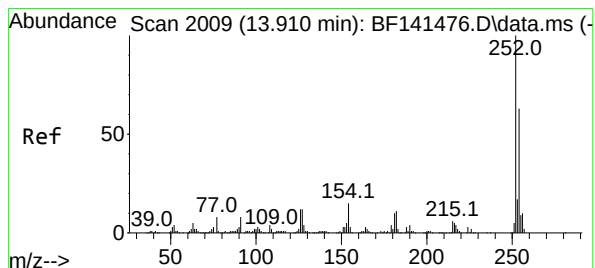
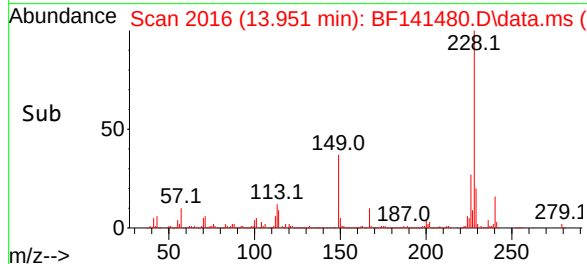
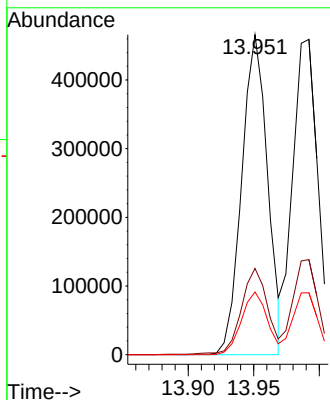
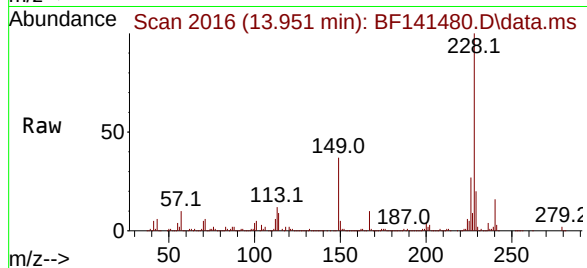




#81
Benzo(a)anthracene
Concen: 38.009 ng
RT: 13.951 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

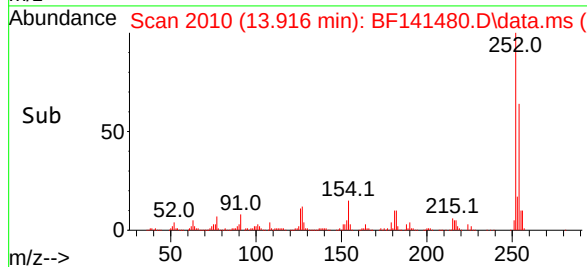
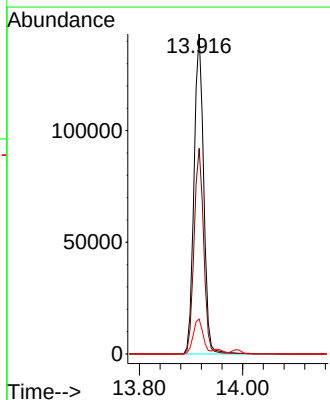
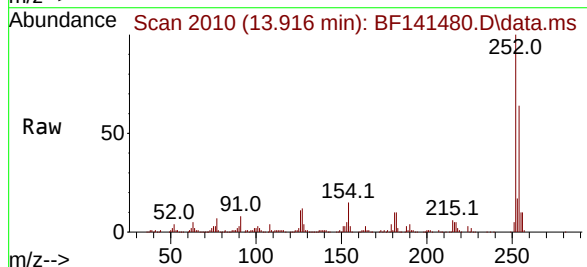
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

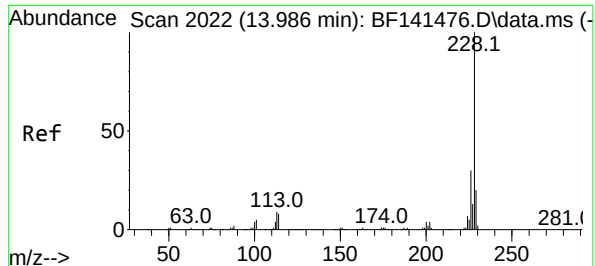
Tgt Ion:228 Resp: 638036
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.608 ng
RT: 13.916 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:252 Resp: 185650
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 10.9 9.3 13.9

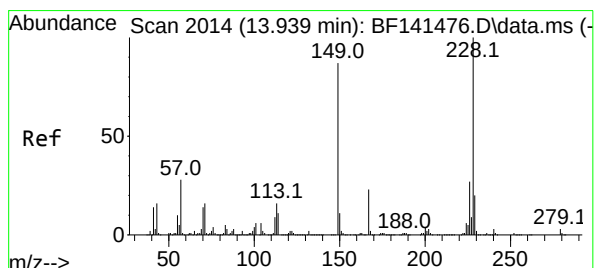
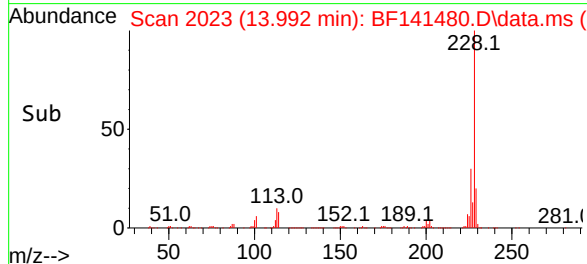
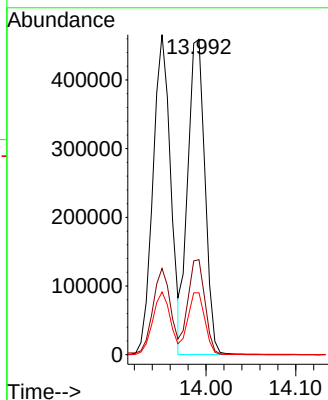
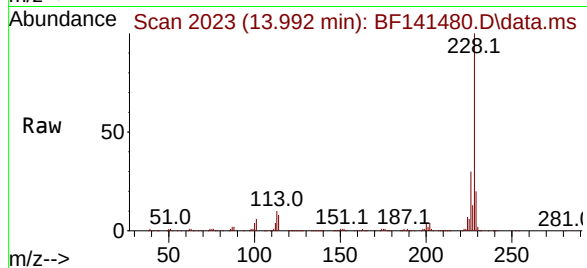




#83
Chrysene
Concen: 39.361 ng
RT: 13.992 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

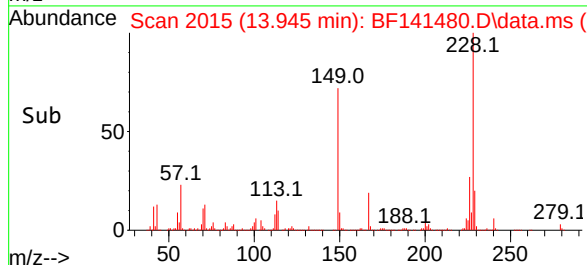
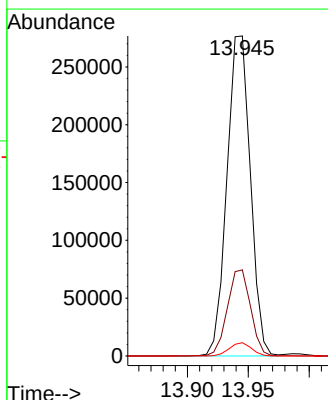
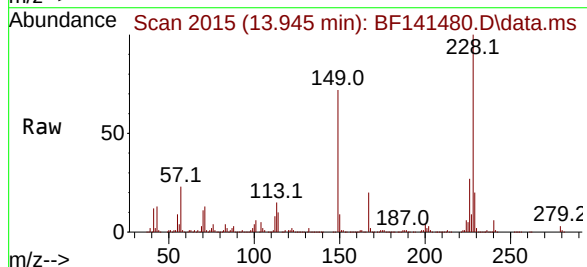
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

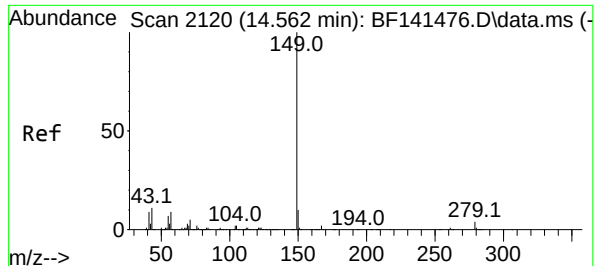
Tgt Ion:228 Resp: 610091
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.229 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:149 Resp: 371434
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 4.1 3.1 4.7

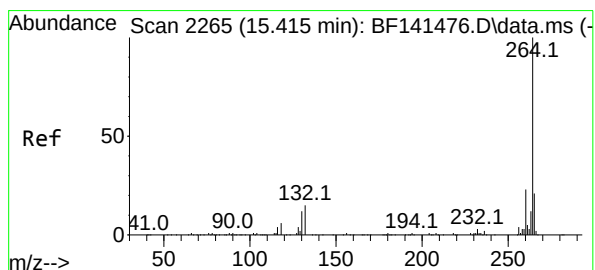
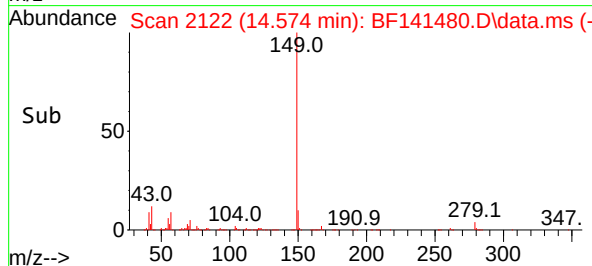
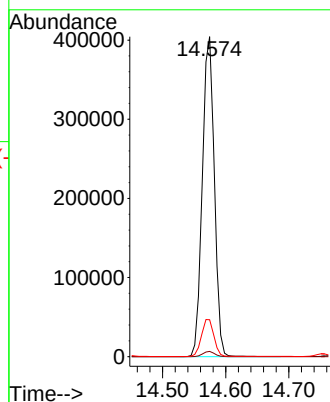
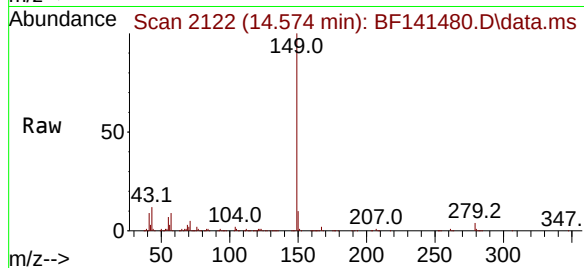




#85
Di-n-octyl phthalate
Concen: 44.652 ng
RT: 14.574 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

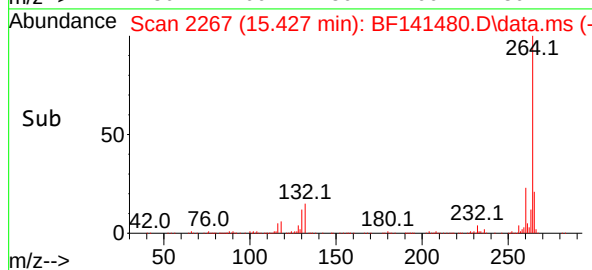
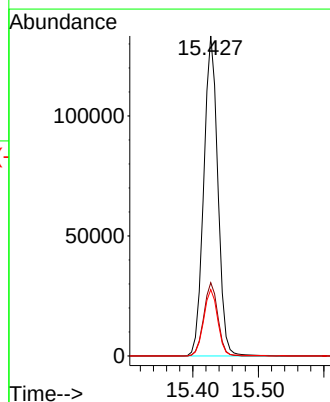
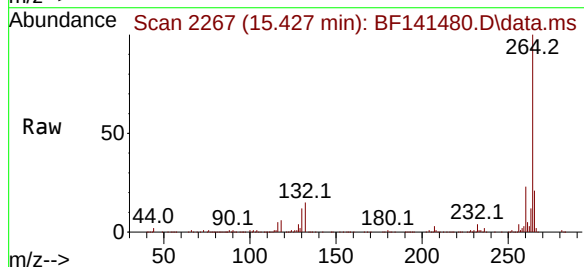
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

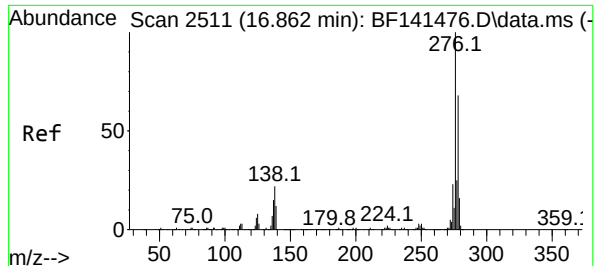
Tgt Ion:149 Resp: 534947
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:264 Resp: 199389
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.551 ng

RT: 16.874 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

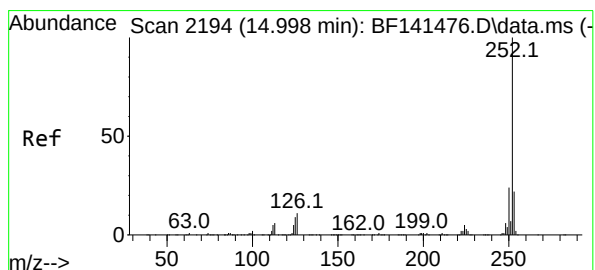
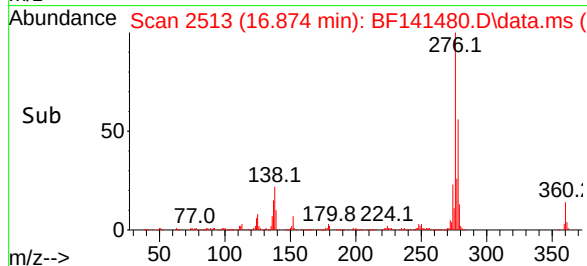
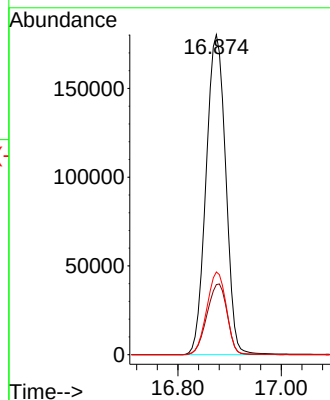
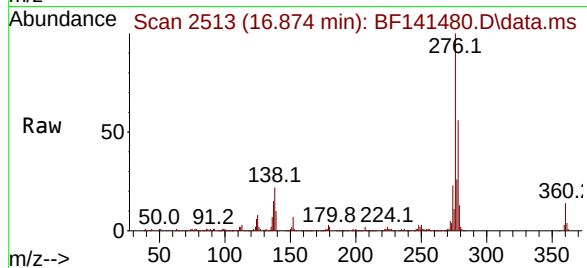
Tgt Ion:276 Resp: 474949

Ion Ratio Lower Upper

276 100

138 22.8 18.0 27.0

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.352 ng

RT: 15.010 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

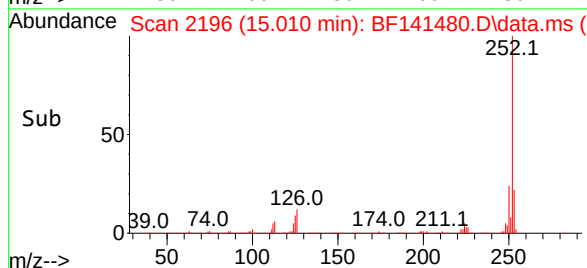
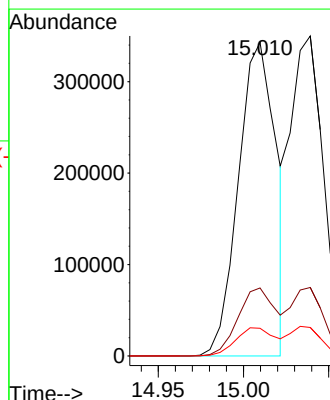
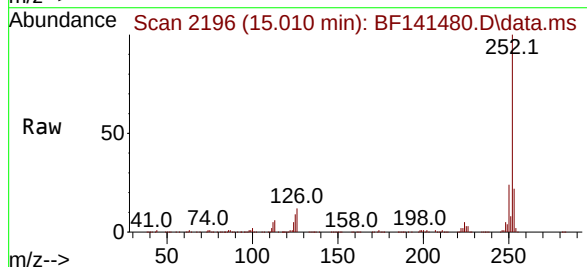
Tgt Ion:252 Resp: 526847

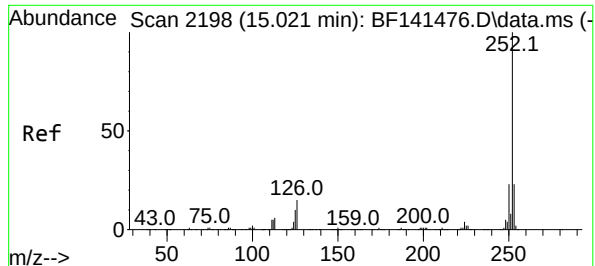
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.182 ng

RT: 15.039 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

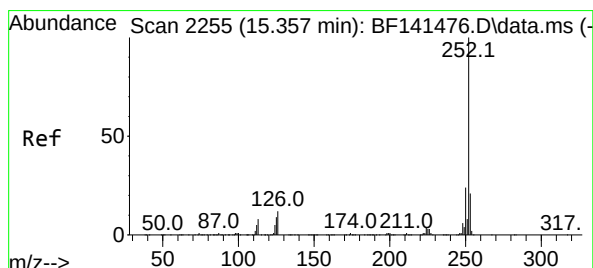
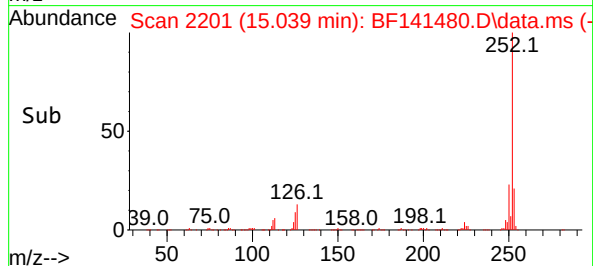
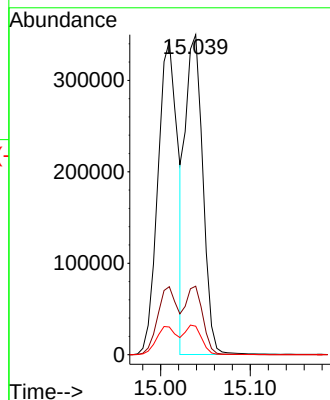
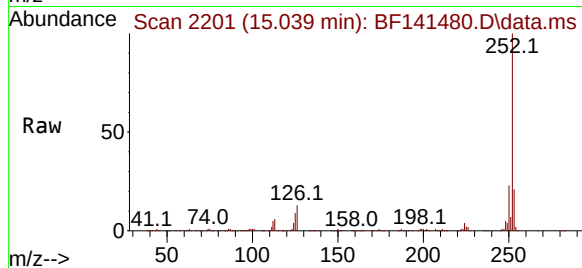
Tgt Ion:252 Resp: 470794

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 8.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.459 ng

RT: 15.369 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

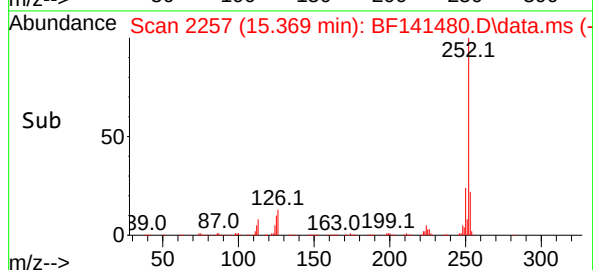
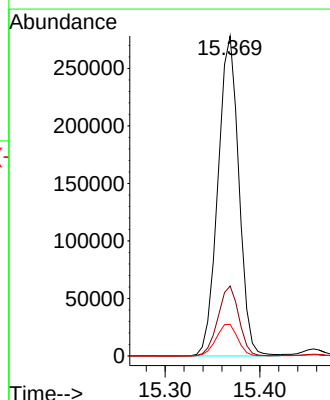
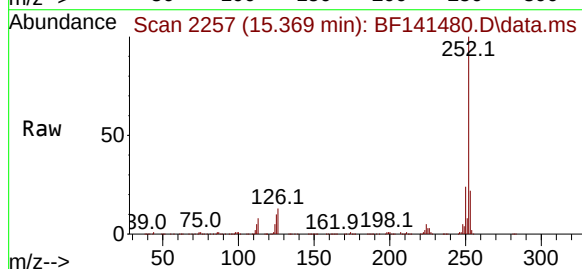
Tgt Ion:252 Resp: 427462

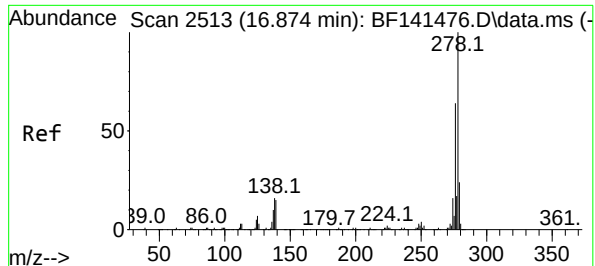
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 38.870 ng

RT: 16.892 min Scan# 2513

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

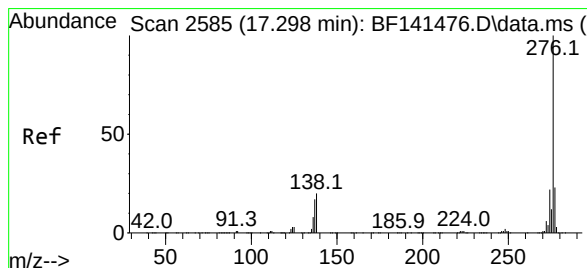
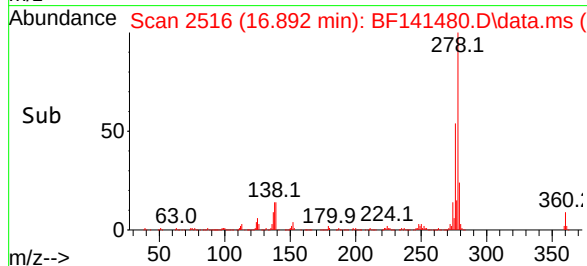
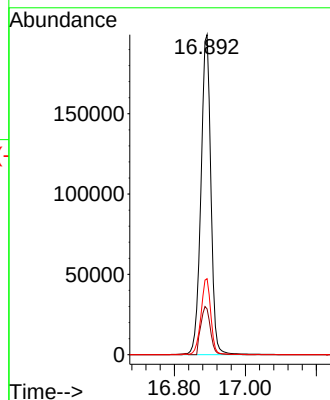
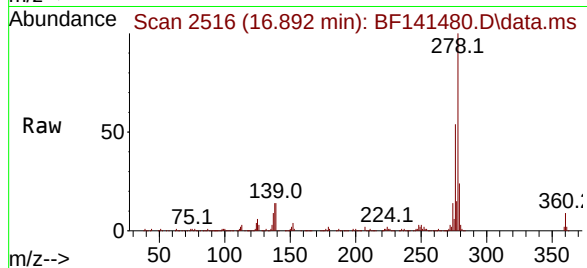
Tgt Ion:278 Resp: 388028

Ion Ratio Lower Upper

278 100

139 14.3 11.8 17.6

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 38.536 ng

RT: 17.310 min Scan# 2587

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

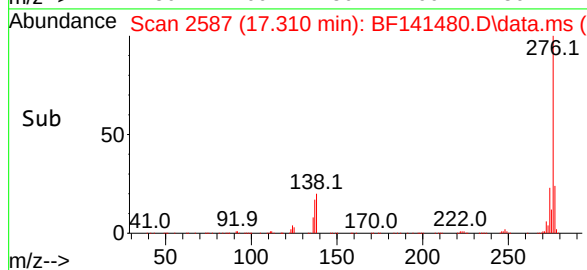
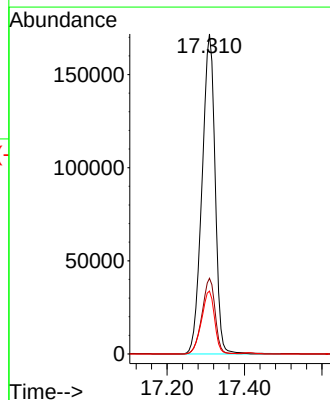
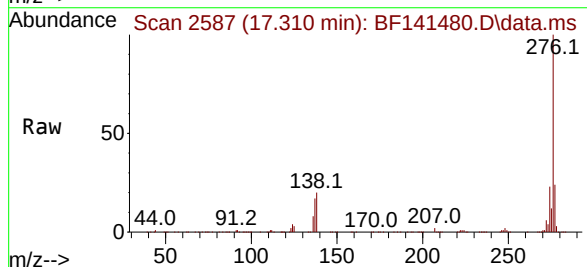
Tgt Ion:276 Resp: 402566

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 19.7 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
2	1,4-Dioxane	0.513	0.518	-1.0	101	0.00
3	Pyridine	1.222	1.281	-4.8	102	-0.01
4	n-Nitrosodimethylamine	0.809	0.842	-4.1	104	-0.03
5 S	2-Fluorophenol	1.276	1.306	-2.4	102	0.00
6	Aniline	1.513	1.582	-4.6	104	-0.01
7 S	Phenol-d6	1.612	1.630	-1.1	102	-0.01
8	2-Chlorophenol	1.378	1.397	-1.4	102	-0.01
9	Benzaldehyde	0.857	0.859	-0.2	106	0.00
10 C	Phenol	1.678	1.704	-1.5	102	-0.01
11	bis(2-Chloroethyl)ether	1.261	1.256	0.4	100	0.00
12	1,3-Dichlorobenzene	1.455	1.467	-0.8	103	0.00
13 C	1,4-Dichlorobenzene	1.487	1.484	0.2	102	0.00
14	1,2-Dichlorobenzene	1.380	1.392	-0.9	102	0.00
15	Benzyl Alcohol	1.236	1.269	-2.7	102	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.187	-1.3	102	0.00
17	2-Methylphenol	1.079	1.099	-1.9	103	0.00
18	Hexachloroethane	0.550	0.565	-2.7	103	0.00
19 P	n-Nitroso-di-n-propylamine	0.964	0.966	-0.2	101	-0.01
20	3+4-Methylphenols	1.371	1.373	-0.1	101	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22	Acetophenone	0.498	0.488	2.0	102	-0.01
23 S	Nitrobenzene-d5	0.383	0.376	1.8	101	0.00
24	Nitrobenzene	0.374	0.369	1.3	102	0.00
25	Isophorone	0.611	0.608	0.5	103	-0.01
26 C	2-Nitrophenol	0.186	0.188	-1.1	101	0.00
27	2,4-Dimethylphenol	0.217	0.217	0.0	100	0.00
28	bis(2-Chloroethoxy)methane	0.392	0.390	0.5	102	0.00
29 C	2,4-Dichlorophenol	0.294	0.292	0.7	102	0.00
30	1,2,4-Trichlorobenzene	0.320	0.314	1.9	102	0.00
31	Naphthalene	1.041	1.023	1.7	102	0.00
32	Benzoic acid	0.226	0.228	-0.9	102	-0.04
33	4-Chloroaniline	0.363	0.370	-1.9	105	-0.01
34 C	Hexachlorobutadiene	0.192	0.193	-0.5	103	0.00
35	Caprolactam	0.089	0.092	-3.4	102	-0.03
36 C	4-Chloro-3-methylphenol	0.325	0.325	0.0	102	0.00
37	2-Methylnaphthalene	0.677	0.656	3.1	101	0.00
38	1-Methylnaphthalene	0.656	0.641	2.3	101	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.579	0.581	-0.3	102	0.00
41 P	Hexachlorocyclopentadiene	0.192	0.186	3.1	94	0.00
42 S	2,4,6-Tribromophenol	0.201	0.200	0.5	102	0.00
43 C	2,4,6-Trichlorophenol	0.374	0.373	0.3	101	0.00
44	2,4,5-Trichlorophenol	0.405	0.406	-0.2	101	0.00
45 S	2-Fluorobiphenyl	1.298	1.278	1.5	103	0.00
46	1,1'-Biphenyl	1.551	1.532	1.2	102	0.00
47	2-Chloronaphthalene	1.147	1.131	1.4	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 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	0.385	0.389	-1.0	102	0.00
49	Acenaphthylene	1.705	1.694	0.6	102	0.00
50	Dimethylphthalate	1.358	1.340	1.3	102	-0.01
51	2,6-Dinitrotoluene	0.297	0.297	0.0	101	0.00
52 C	Acenaphthene	1.147	1.143	0.3	102	0.00
53	3-Nitroaniline	0.319	0.323	-1.3	104	0.00
54 P	2,4-Dinitrophenol	0.176	0.188	-6.8	109	-0.01
55	Dibenzofuran	1.683	1.677	0.4	103	0.00
56 P	4-Nitrophenol	0.237	0.250	-5.5	103	-0.01
57	2,4-Dinitrotoluene	0.395	0.401	-1.5	103	0.00
58	Fluorene	1.301	1.285	1.2	102	0.00
59	2,3,4,6-Tetrachlorophenol	0.349	0.353	-1.1	104	0.00
60	Diethylphthalate	1.336	1.318	1.3	101	0.00
61	4-Chlorophenyl-phenylether	0.626	0.615	1.8	101	0.00
62	4-Nitroaniline	0.324	0.333	-2.8	102	-0.02
63	Azobenzene	1.328	1.320	0.6	102	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	0.139	0.147	-5.8	104	-0.01
66 c	n-Nitrosodiphenylamine	0.640	0.641	-0.2	102	0.00
67	4-Bromophenyl-phenylether	0.224	0.228	-1.8	104	0.00
68	Hexachlorobenzene	0.230	0.231	-0.4	102	0.00
69	Atrazine	0.192	0.189	1.6	102	0.00
70 C	Pentachlorophenol	0.147	0.156	-6.1	102	0.00
71	Phenanthrene	1.101	1.104	-0.3	102	0.00
72	Anthracene	1.107	1.117	-0.9	103	0.00
73	Carbazole	0.996	1.002	-0.6	102	0.00
74	Di-n-butylphthalate	1.150	1.177	-2.3	103	0.00
75 C	Fluoranthene	1.167	1.197	-2.6	104	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	112	0.00
77	Benzidine	0.441	0.419	5.0	89	0.00
78	Pyrene	1.703	1.608	5.6	103	0.00
79 S	Terphenyl-d14	1.185	1.122	5.3	105	0.00
80	Butylbenzylphthalate	0.590	0.616	-4.4	113	0.00
81	Benzo(a)anthracene	1.329	1.263	5.0	105	0.00
82	3,3'-Dichlorobenzidine	0.381	0.368	3.4	109	0.00
83	Chrysene	1.228	1.208	1.6	113	0.00
84	Bis(2-ethylhexyl)phthalate	0.665	0.735	-10.5	120	0.00
85 c	Di-n-octyl phthalate	0.949	1.059	-11.6	123	0.01
86 I	Perylene-d12	1.000	1.000	0.0	109	0.01
87	Indeno(1,2,3-cd)pyrene	1.236	1.191	3.6	101	0.00
88	Benzo(b)fluoranthene	1.343	1.321	1.6	108	0.00
89	Benzo(k)fluoranthene	1.147	1.181	-3.0	113	0.00
90 C	Benzo(a)pyrene	1.087	1.072	1.4	108	0.00
91	Dibenzo(a,h)anthracene	1.001	0.973	2.8	101	0.00
92	Benzo(g,h,i)perylene	1.048	1.009	3.7	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141480.D
Acq On : 06 Feb 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF020625

Quant Time: Feb 06 16:01:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
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\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	101	0.00
2	1,4-Dioxane	40.000	40.369	-0.9	101	0.00
3	Pyridine	40.000	41.938	-4.8	102	-0.01
4	n-Nitrosodimethylamine	40.000	41.653	-4.1	104	-0.03
5 S	2-Fluorophenol	80.000	81.894	-2.4	102	0.00
6	Aniline	40.000	41.834	-4.6	104	-0.01
7 S	Phenol-d6	80.000	80.878	-1.1	102	-0.01
8	2-Chlorophenol	40.000	40.527	-1.3	102	-0.01
9	Benzaldehyde	40.000	40.105	-0.3	106	0.00
10 C	Phenol	40.000	40.615	-1.5	102	-0.01
11	bis(2-Chloroethyl)ether	40.000	39.866	0.3	100	0.00
12	1,3-Dichlorobenzene	40.000	40.317	-0.8	103	0.00
13 C	1,4-Dichlorobenzene	40.000	39.911	0.2	102	0.00
14	1,2-Dichlorobenzene	40.000	40.354	-0.9	102	0.00
15	Benzyl Alcohol	40.000	41.041	-2.6	102	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.535	-1.3	102	0.00
17	2-Methylphenol	40.000	40.768	-1.9	103	0.00
18	Hexachloroethane	40.000	41.061	-2.7	103	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.048	-0.1	101	-0.01
20	3+4-Methylphenols	40.000	40.073	-0.2	101	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22	Acetophenone	40.000	39.246	1.9	102	-0.01
23 S	Nitrobenzene-d5	80.000	78.369	2.0	101	0.00
24	Nitrobenzene	40.000	39.429	1.4	102	0.00
25	Isophorone	40.000	39.767	0.6	103	-0.01
26 C	2-Nitrophenol	40.000	40.413	-1.0	101	0.00
27	2,4-Dimethylphenol	40.000	39.924	0.2	100	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.822	0.4	102	0.00
29 C	2,4-Dichlorophenol	40.000	39.818	0.5	102	0.00
30	1,2,4-Trichlorobenzene	40.000	39.237	1.9	102	0.00
31	Naphthalene	40.000	39.287	1.8	102	0.00
32	Benzoic acid	40.000	40.324	-0.8	102	-0.04
33	4-Chloroaniline	40.000	40.680	-1.7	105	-0.01
34 C	Hexachlorobutadiene	40.000	40.144	-0.4	103	0.00
35	Caprolactam	40.000	41.104	-2.8	102	-0.03
36 C	4-Chloro-3-methylphenol	40.000	40.006	-0.0	102	0.00
37	2-Methylnaphthalene	40.000	38.710	3.2	101	0.00
38	1-Methylnaphthalene	40.000	39.049	2.4	101	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.182	-0.5	102	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.754	3.1	94	0.00
42 S	2,4,6-Tribromophenol	80.000	79.490	0.6	102	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.914	0.2	101	0.00
44	2,4,5-Trichlorophenol	40.000	40.108	-0.3	101	0.00
45 S	2-Fluorobiphenyl	80.000	78.786	1.5	103	0.00
46	1,1'-Biphenyl	40.000	39.519	1.2	102	0.00
47	2-Chloronaphthalene	40.000	39.453	1.4	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 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	40.451	-1.1	102	0.00
49	Acenaphthylene	40.000	39.734	0.7	102	0.00
50	Dimethylphthalate	40.000	39.488	1.3	102	-0.01
51	2,6-Dinitrotoluene	40.000	39.965	0.1	101	0.00
52 C	Acenaphthene	40.000	39.893	0.3	102	0.00
53	3-Nitroaniline	40.000	40.463	-1.2	104	0.00
54 P	2,4-Dinitrophenol	40.000	42.639	-6.6	109	-0.01
55	Dibenzofuran	40.000	39.860	0.4	103	0.00
56 P	4-Nitrophenol	40.000	42.166	-5.4	103	-0.01
57	2,4-Dinitrotoluene	40.000	40.633	-1.6	103	0.00
58	Fluorene	40.000	39.501	1.2	102	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.438	-1.1	104	0.00
60	Diethylphthalate	40.000	39.467	1.3	101	0.00
61	4-Chlorophenyl-phenylether	40.000	39.318	1.7	101	0.00
62	4-Nitroaniline	40.000	41.124	-2.8	102	-0.02
63	Azobenzene	40.000	39.759	0.6	102	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.230	-5.6	104	-0.01
66 c	n-Nitrosodiphenylamine	40.000	40.040	-0.1	102	0.00
67	4-Bromophenyl-phenylether	40.000	40.864	-2.2	104	0.00
68	Hexachlorobenzene	40.000	40.208	-0.5	102	0.00
69	Atrazine	40.000	39.358	1.6	102	0.00
70 C	Pentachlorophenol	40.000	42.476	-6.2	102	0.00
71	Phenanthrene	40.000	40.114	-0.3	102	0.00
72	Anthracene	40.000	40.362	-0.9	103	0.00
73	Carbazole	40.000	40.267	-0.7	102	0.00
74	Di-n-butylphthalate	40.000	40.953	-2.4	103	0.00
75 C	Fluoranthene	40.000	41.011	-2.5	104	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	112	0.00
77	Benzydine	40.000	38.017	5.0	89	0.00
78	Pyrene	40.000	37.784	5.5	103	0.00
79 S	Terphenyl-d14	80.000	75.750	5.3	105	0.00
80	Butylbenzylphthalate	40.000	41.781	-4.5	113	0.00
81	Benzo(a)anthracene	40.000	38.009	5.0	105	0.00
82	3,3'-Dichlorobenzidine	40.000	38.608	3.5	109	0.00
83	Chrysene	40.000	39.361	1.6	113	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.229	-10.6	120	0.00
85 c	Di-n-octyl phthalate	40.000	44.652	-11.6	123	0.01
86 I	Perylene-d12	20.000	20.000	0.0	109	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	38.551	3.6	101	0.00
88	Benzo(b)fluoranthene	40.000	39.352	1.6	108	0.00
89	Benzo(k)fluoranthene	40.000	41.182	-3.0	113	0.00
90 C	Benzo(a)pyrene	40.000	39.459	1.4	108	0.00
91	Dibenzo(a,h)anthracene	40.000	38.870	2.8	101	0.00
92	Benzo(g,h,i)perylene	40.000	38.536	3.7	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141480.D
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Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF020625

Quant Time: Feb 06 16:01:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
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: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/11/2025 10:28

Lab File ID: BF141551.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.265		-0.9	
Benzaldehyde	0.857	0.753		-12.1	
Phenol-d6	1.612	1.593		-1.2	
Phenol	1.678	1.648		-1.8	20.0
bis(2-Chloroethyl)ether	1.261	1.246		-1.2	
2-Chlorophenol	1.378	1.375		-0.2	
2-Methylphenol	1.079	1.043		-3.3	
2,2-oxybis(1-Chloropropane)	2.158	2.126		-1.5	
Acetophenone	0.498	0.484		-2.8	
3+4-Methylphenols	1.371	1.332		-2.8	
n-Nitroso-di-n-propylamine	0.964	0.956	0.050	-0.8	
Nitrobenzene-d5	0.383	0.379		-1.0	
Hexachloroethane	0.550	0.547		-0.5	
Nitrobenzene	0.374	0.368		-1.6	
Isophorone	0.611	0.609		-0.3	
2-Nitrophenol	0.186	0.189		1.6	20.0
2,4-Dimethylphenol	0.217	0.221		1.8	
bis(2-Chloroethoxy)methane	0.392	0.398		1.5	
2,4-Dichlorophenol	0.294	0.295		0.3	20.0
Naphthalene	1.041	1.028		-1.2	
4-Chloroaniline	0.363	0.326		-10.2	
Hexachlorobutadiene	0.192	0.193		0.5	20.0
Caprolactam	0.089	0.091		2.2	
4-Chloro-3-methylphenol	0.325	0.324		-0.3	20.0
2-Methylnaphthalene	0.677	0.671		-0.9	
Hexachlorocyclopentadiene	0.192	0.181	0.050	-5.7	
2,4,6-Trichlorophenol	0.374	0.373		-0.3	20.0
2-Fluorobiphenyl	1.298	1.271		-2.1	
2,4,5-Trichlorophenol	0.405	0.401		-1.0	
1,1-Biphenyl	1.551	1.544		-0.5	
2-Chloronaphthalene	1.147	1.123		-2.1	
2-Nitroaniline	0.385	0.372		-3.4	
Dimethylphthalate	1.358	1.360		0.1	
Acenaphthylene	1.705	1.686		-1.1	
2,6-Dinitrotoluene	0.297	0.295		-0.7	
3-Nitroaniline	0.319	0.310		-2.8	
Acenaphthene	1.147	1.121		-2.3	20.0
2,4-Dinitrophenol	0.176	0.181	0.050	2.8	
4-Nitrophenol	0.237	0.233	0.050	-1.7	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/11/2025 10:28

Lab File ID: BF141551.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.683	1.653		-1.8	
2,4-Dinitrotoluene	0.395	0.398		0.8	
Diethylphthalate	1.336	1.353		1.3	
4-Chlorophenyl-phenylether	0.626	0.620		-1.0	
Fluorene	1.301	1.291		-0.8	
4-Nitroaniline	0.324	0.324		0.0	
4,6-Dinitro-2-methylphenol	0.139	0.139		0.0	
n-Nitrosodiphenylamine	0.640	0.634		-0.9	20.0
2,4,6-Tribromophenol	0.201	0.201		0.0	
4-Bromophenyl-phenylether	0.224	0.226		0.9	
Hexachlorobenzene	0.230	0.230		0.0	
Atrazine	0.192	0.174		-9.4	
Pentachlorophenol	0.147	0.147		0.0	20.0
Phenanthrene	1.101	1.067		-3.1	
Anthracene	1.107	1.091		-1.4	
Carbazole	0.996	0.961		-3.5	
Di-n-butylphthalate	1.150	1.169		1.7	
Fluoranthene	1.167	1.112		-4.7	20.0
Pyrene	1.703	1.914		12.4	
Terphenyl-d14	1.185	1.330		12.2	
Butylbenzylphthalate	0.590	0.654		10.8	
3,3-Dichlorobenzidine	0.381	0.368		-3.4	
Benzo (a) anthracene	1.329	1.313		-1.2	
Chrysene	1.228	1.216		-1.0	
Bis(2-ethylhexyl)phthalate	0.665	0.741		11.4	
Di-n-octyl phthalate	0.949	1.040		9.6	20.0
Benzo (b) fluoranthene	1.343	1.314		-2.2	
Benzo (k) fluoranthene	1.147	1.062		-7.4	
Benzo (a) pyrene	1.087	1.065		-2.0	20.0
Indeno (1,2,3-cd) pyrene	1.236	1.357		9.8	
Dibenzo (a,h) anthracene	1.001	1.106		10.5	
Benzo (g,h,i) perylene	1.048	1.156		10.3	
1,2,4,5-Tetrachlorobenzene	0.579	0.575		-0.7	
1,4-Dioxane	0.513	0.499		-2.7	20.0
2,3,4,6-Tetrachlorophenol	0.349	0.348		-0.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141551.D
 Acq On : 11 Feb 2025 10:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	100982	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	399334	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	220290	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	380364	20.000	ng	0.00
76) Chrysene-d12	13.957	240	221485	20.000	ng	0.00
86) Perylene-d12	15.410	264	189149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	511150	79.356	ng	0.00
7) Phenol-d6	6.434	99	643479	79.040	ng	0.00
23) Nitrobenzene-d5	7.357	82	605988	79.150	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	176794	79.892	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1120127	78.338	ng	0.00
79) Terphenyl-d14	12.898	244	1178679	89.840	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	100747	38.862	ng	99
3) Pyridine	3.216	79	247438	40.110	ng	100
4) n-Nitrosodimethylamine	3.169	42	157380	38.528	ng	98
6) Aniline	6.451	93	302324	39.588	ng	92
8) 2-Chlorophenol	6.581	128	277627	39.889	ng	99
9) Benzaldehyde	6.340	77	152087	35.155	ng	100
10) Phenol	6.445	94	332783	39.274	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	251570	39.527	ng	99
12) 1,3-Dichlorobenzene	6.728	146	294127	40.029	ng	98
13) 1,4-Dichlorobenzene	6.810	146	296503	39.495	ng	98
14) 1,2-Dichlorobenzene	6.963	146	276132	39.630	ng	100
15) Benzyl Alcohol	6.934	79	248245	39.763	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	429398	39.413	ng	98
17) 2-Methylphenol	7.051	107	210577	38.662	ng	99
18) Hexachloroethane	7.298	117	110474	39.762	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	193046	39.642	ng	97
20) 3+4-Methylphenols	7.204	107	269006	38.863	ng	95
22) Acetophenone	7.204	105	386258	38.884	ng	100
24) Nitrobenzene	7.375	77	294305	39.421	ng	99
25) Isophorone	7.616	82	486718	39.870	ng	99
26) 2-Nitrophenol	7.692	139	151129	40.688	ng	96
27) 2,4-Dimethylphenol	7.734	122	176787	40.742	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	317603	40.602	ng	100
29) 2,4-Dichlorophenol	7.939	162	235725	40.207	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	254617	39.881	ng	99
31) Naphthalene	8.098	128	820994	39.496	ng	100
32) Benzoic acid	7.863	122	171762	38.109	ng	100
33) 4-Chloroaniline	8.145	127	260705	35.922	ng	99
34) Hexachlorobutadiene	8.210	225	154125	40.212	ng	99
35) Caprolactam	8.522	113	72868	40.821	ng	96
36) 4-Chloro-3-methylphenol	8.634	107	258721	39.838	ng	99
37) 2-Methylnaphthalene	8.786	142	535507	39.589	ng	99
38) 1-Methylnaphthalene	8.886	142	513186	39.172	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	253153	39.721	ng	100
41) Hexachlorocyclopentadiene	8.934	237	79719	37.607	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	164418	39.916	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141551.D
 Acq On : 11 Feb 2025 10:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

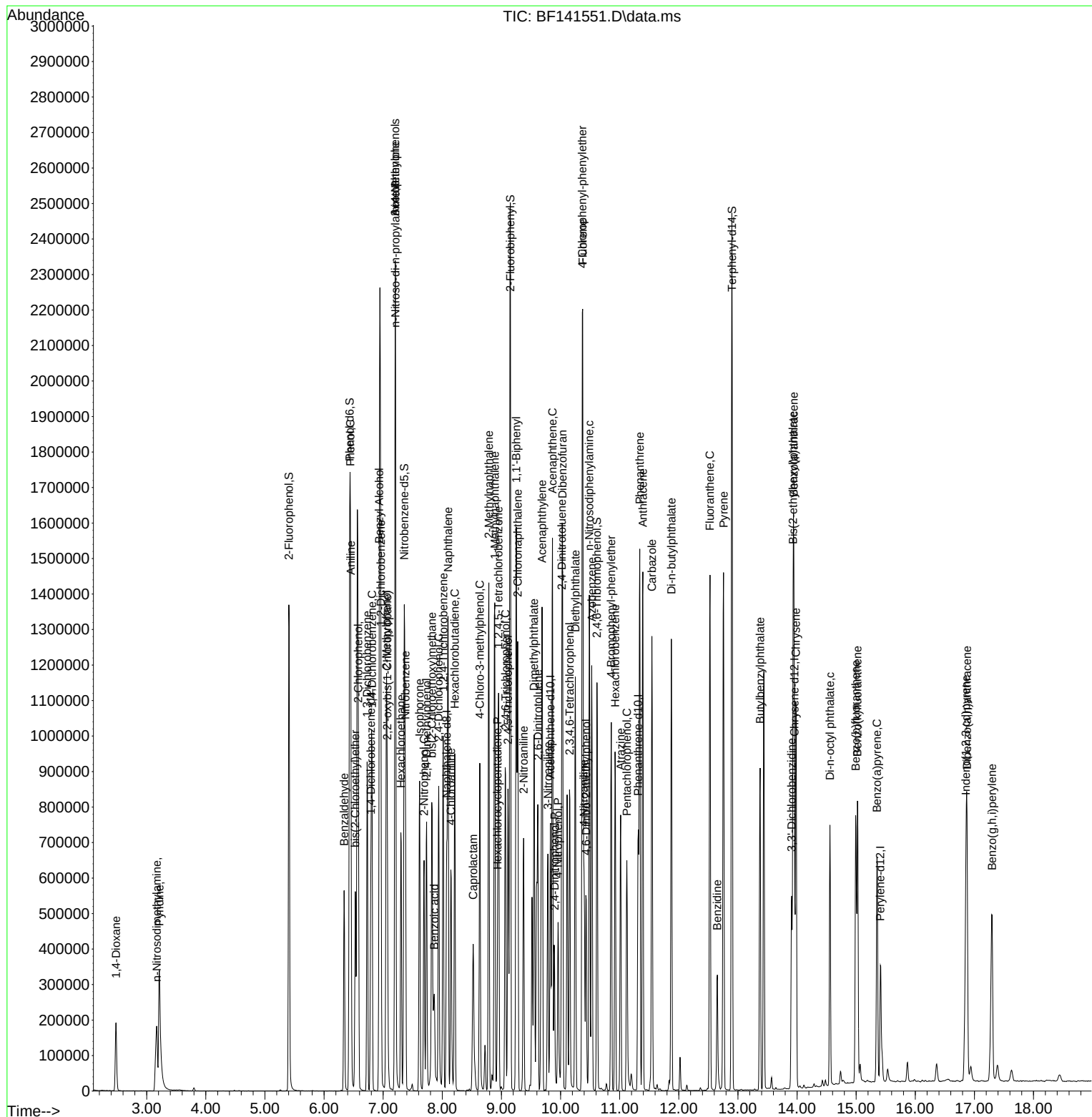
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44) 2,4,5-Trichlorophenol	9.110	196	176666	39.574	ng	98
46) 1,1'-Biphenyl	9.251	154	680211	39.828	ng	100
47) 2-Chloronaphthalene	9.275	162	494742	39.175	ng	100
48) 2-Nitroaniline	9.375	65	163823	38.652	ng	95
49) Acenaphthylene	9.686	152	742913	39.549	ng	99
50) Dimethylphthalate	9.551	163	598973	40.052	ng	99
51) 2,6-Dinitrotoluene	9.616	165	129812	39.707	ng	99
52) Acenaphthene	9.863	154	494087	39.125	ng	99
53) 3-Nitroaniline	9.786	138	136720	38.855	ng	98
54) 2,4-Dinitrophenol	9.898	184	79744	41.042	ng	90
55) Dibenzofuran	10.033	168	728307	39.291	ng	100
56) 4-Nitrophenol	9.957	139	102589	39.275	ng	97
57) 2,4-Dinitrotoluene	10.022	165	175460	40.316	ng	99
58) Fluorene	10.375	166	568620	39.674	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	153425	39.919	ng	97
60) Diethylphthalate	10.251	149	596031	40.508	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	273368	39.647	ng	99
62) 4-Nitroaniline	10.398	138	142801	39.968	ng	98
63) Azobenzene	10.528	77	583738	39.907	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	105582	39.960	ng	94
66) n-Nitrosodiphenylamine	10.486	169	482640	39.639	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	172060	40.475	ng	98
68) Hexachlorobenzene	10.922	284	174724	39.915	ng	96
69) Atrazine	11.016	200	132082	36.159	ng	99
70) Pentachlorophenol	11.122	266	111889	39.974	ng	99
71) Phenanthrene	11.339	178	811492	38.758	ng	100
72) Anthracene	11.392	178	830102	39.440	ng	100
73) Carbazole	11.545	167	730698	38.584	ng	100
74) Di-n-butylphthalate	11.875	149	889622	40.683	ng	100
75) Fluoranthene	12.527	202	846154	38.119	ng	100
77) Benzidine	12.651	184	187856	38.458	ng	99
78) Pyrene	12.757	202	847654	44.958	ng	99
80) Butylbenzylphthalate	13.374	149	289726	44.364	ng	99
81) Benzo(a)anthracene	13.945	228	581807	39.517	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	162839	38.611	ng	98
83) Chrysene	13.980	228	538648	39.623	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	328143	44.551	ng	99
85) Di-n-octyl phthalate	14.557	149	460738	43.848	ng	100
87) Indeno(1,2,3-cd)pyrene	16.857	276	513192	43.910	ng	100
88) Benzo(b)fluoranthene	14.992	252	496986	39.131	ng	99
89) Benzo(k)fluoranthene	15.021	252	401654	37.036	ng	99
90) Benzo(a)pyrene	15.351	252	403008	39.215	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	418333	44.174	ng	99
92) Benzo(g,h,i)perylene	17.298	276	437196	44.116	ng	99

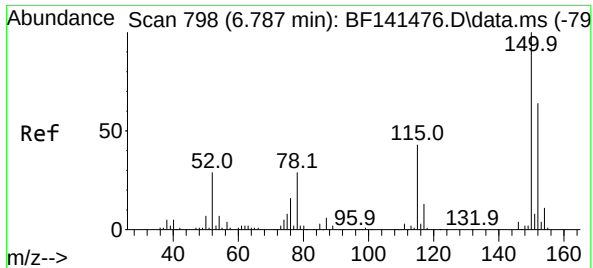
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Data File : BF141551.D  
Acq On    : 11 Feb 2025  10:28  
Operator   : RC/JU  
Sample     : SSTDCCC040  
Misc       :  
ALS Vial   : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

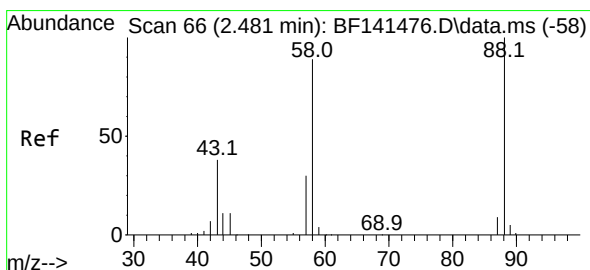
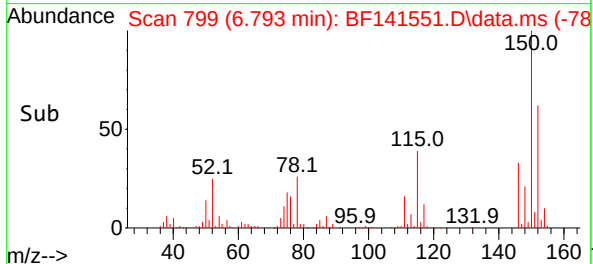
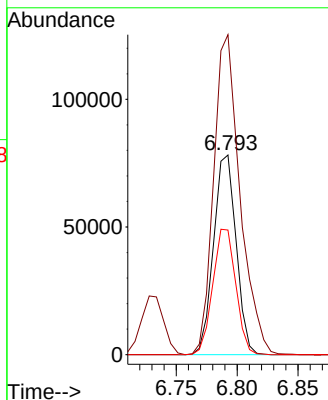
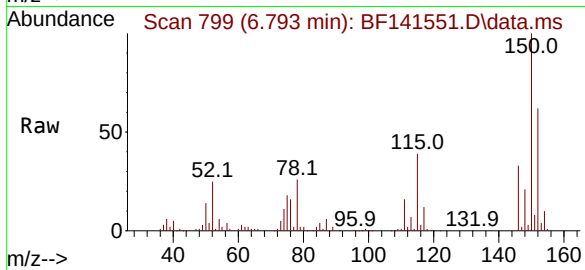




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

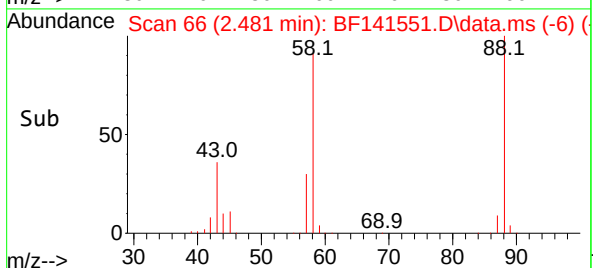
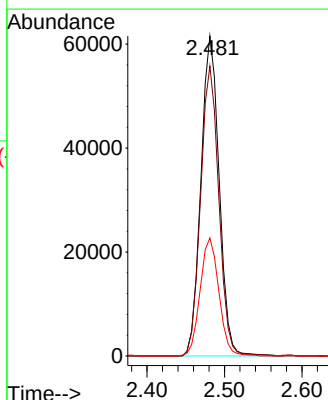
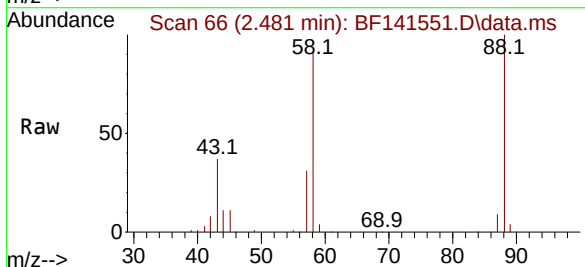
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

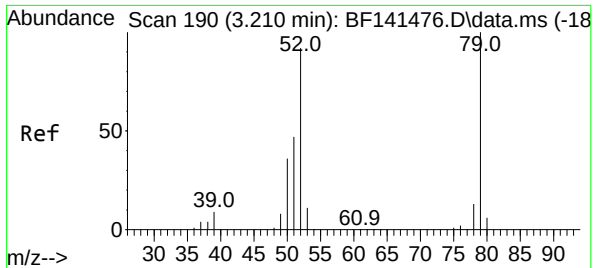
Tgt Ion:152 Resp: 100982
Ion Ratio Lower Upper
152 100
150 160.2 125.0 187.4
115 62.4 53.6 80.4



#2
1,4-Dioxane
Concen: 38.862 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion: 88 Resp: 100747
Ion Ratio Lower Upper
88 100
58 90.3 71.1 106.7
43 38.0 30.6 46.0

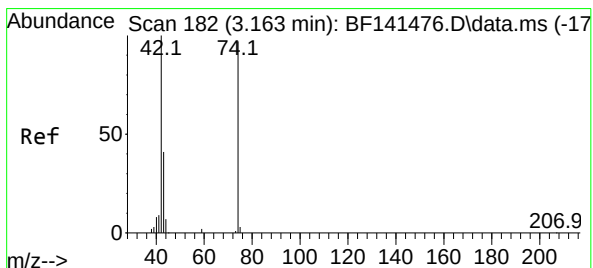
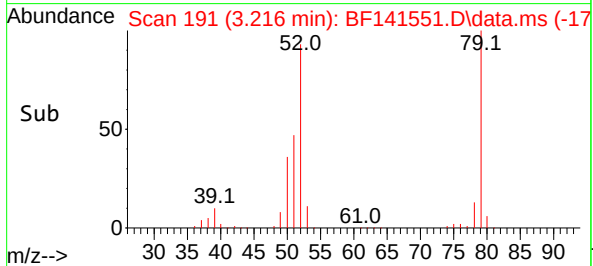
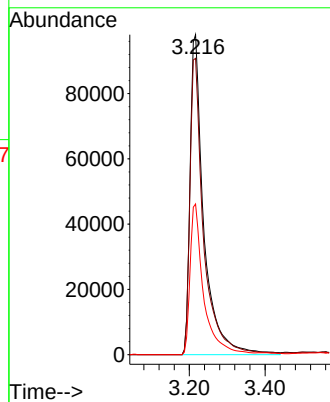
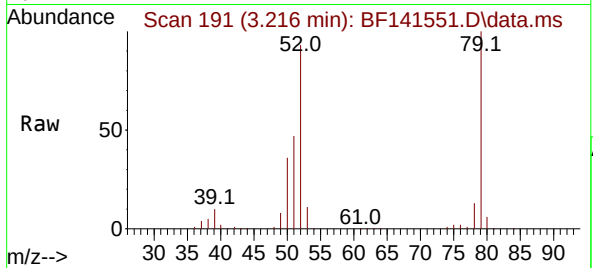




#3
Pyridine
Concen: 40.110 ng
RT: 3.216 min Scan# 190
Delta R.T. 0.000 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

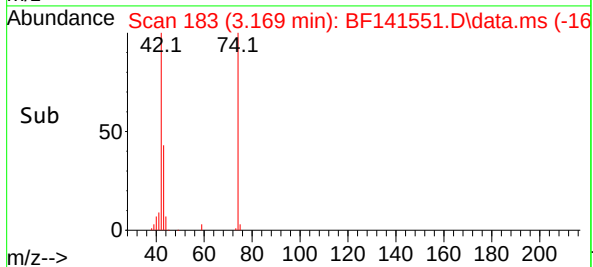
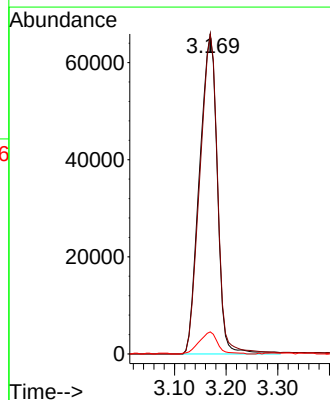
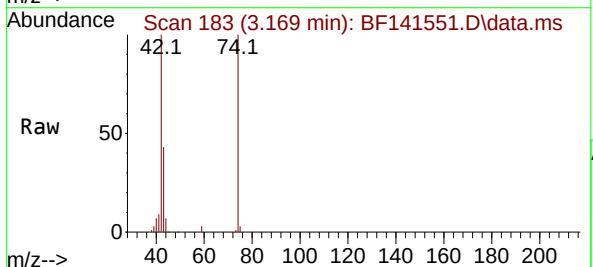
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

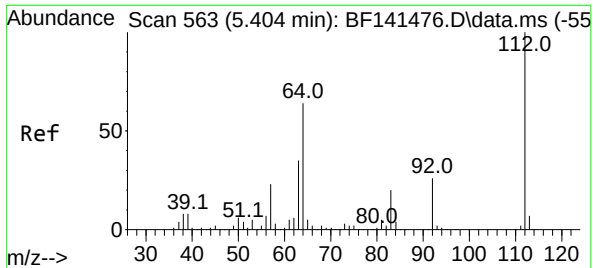
Tgt Ion: 79 Resp: 247438
Ion Ratio Lower Upper
79 100
52 92.6 73.7 110.5
51 47.1 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 38.528 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.017 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion: 42 Resp: 157380
Ion Ratio Lower Upper
42 100
74 99.9 78.0 117.0
44 6.9 5.4 8.2

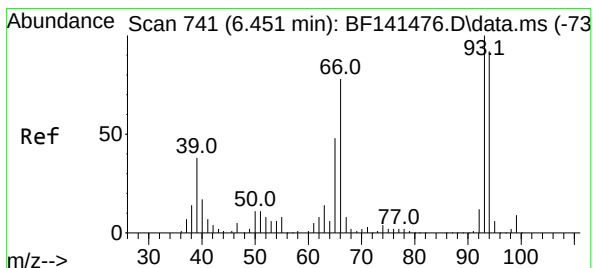
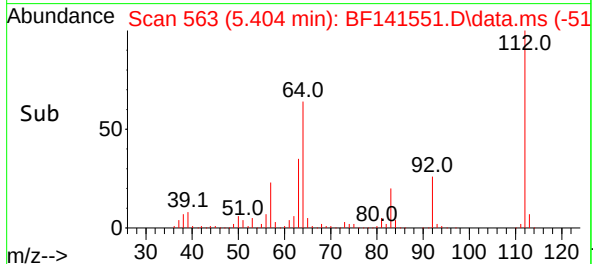
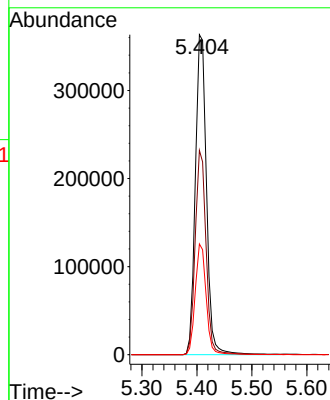
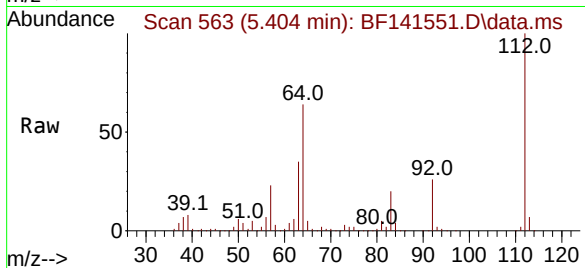




#5
2-Fluorophenol
Concen: 79.356 ng
RT: 5.404 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

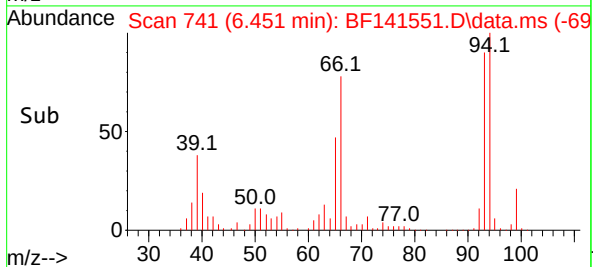
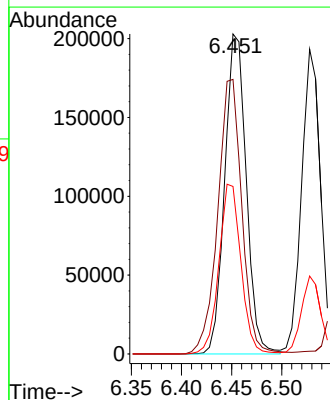
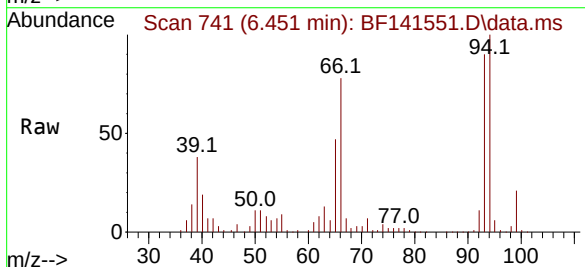
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BNA_F
ClientSampleId :
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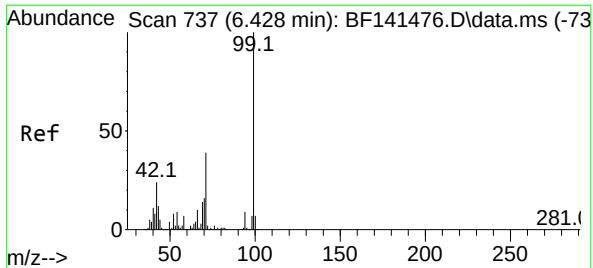
Tgt Ion:112 Resp: 511150
Ion Ratio Lower Upper
112 100
64 63.8 51.1 76.7
63 34.6 28.4 42.6



#6
Aniline
Concen: 39.588 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion: 93 Resp: 302324
Ion Ratio Lower Upper
93 100
66 85.8 62.6 94.0
65 52.3 38.3 57.5

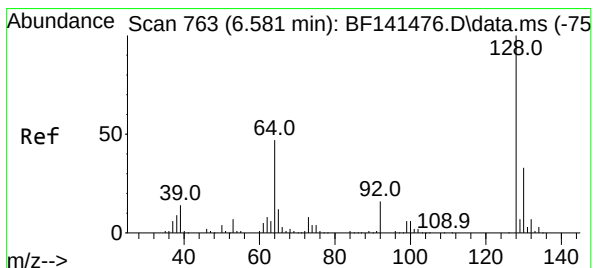
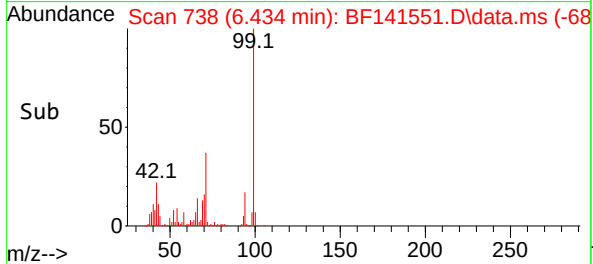
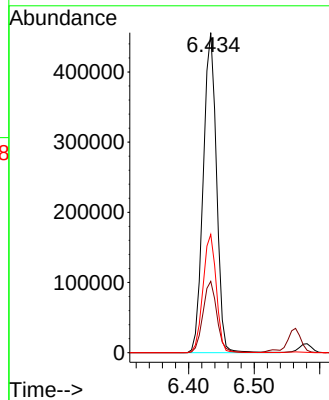
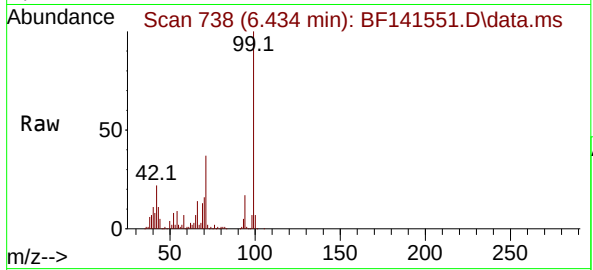




#7
Phenol-d6
Concen: 79.040 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

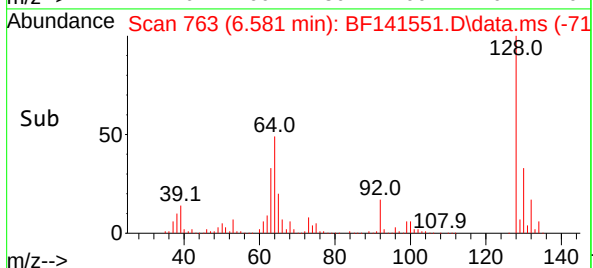
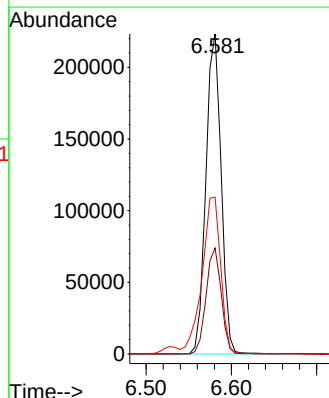
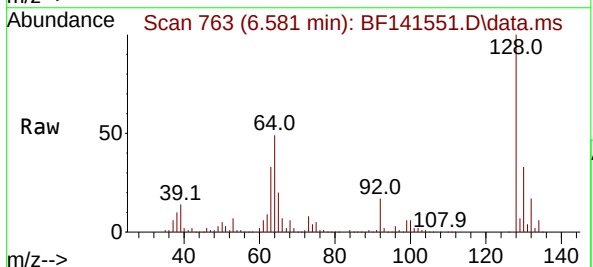
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

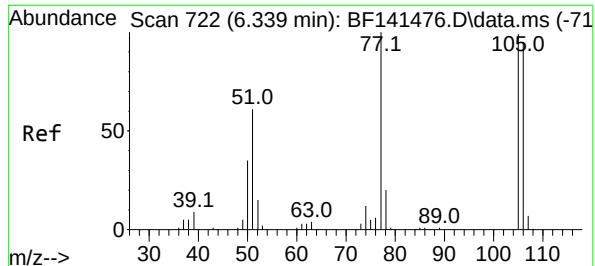
Tgt Ion: 99 Resp: 643479
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 37.0 31.1 46.7



#8
2-Chlorophenol
Concen: 39.889 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion: 128 Resp: 277627
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 49.0 28.3 68.3





#9

Benzaldehyde

Concen: 35.155 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

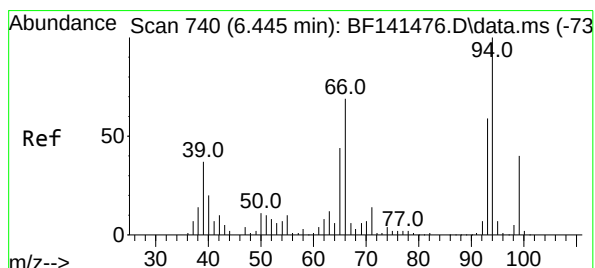
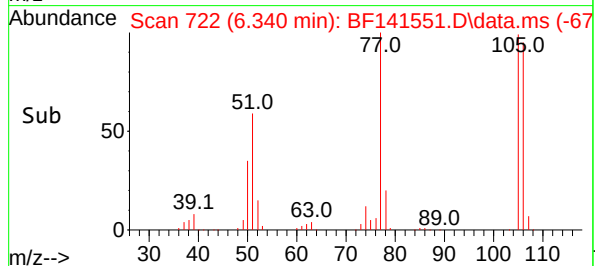
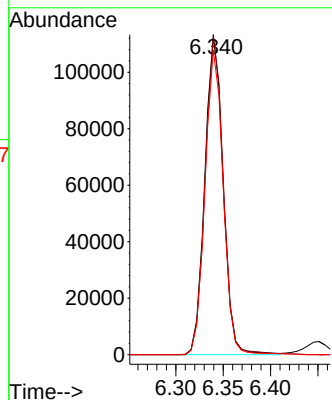
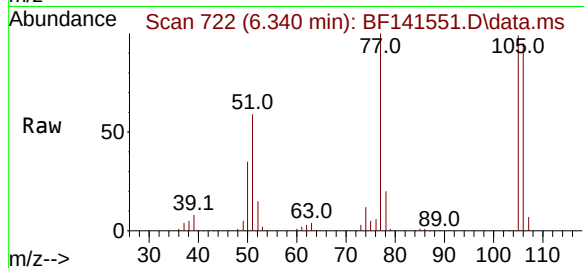
Tgt Ion: 77 Resp: 152087

Ion Ratio Lower Upper

77 100

105 99.3 79.4 119.4

106 95.2 75.1 115.1



#10

Phenol

Concen: 39.274 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

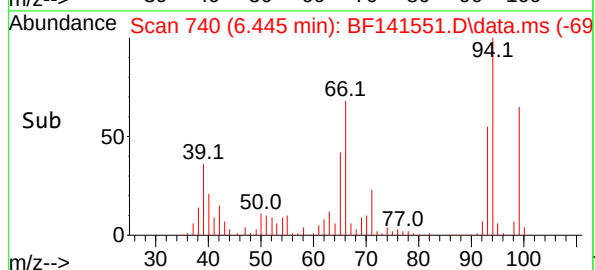
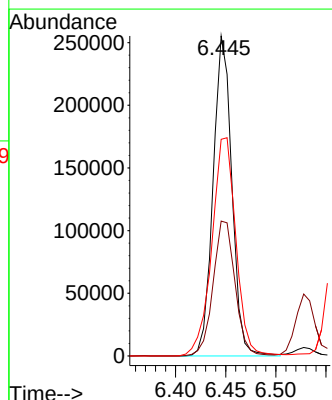
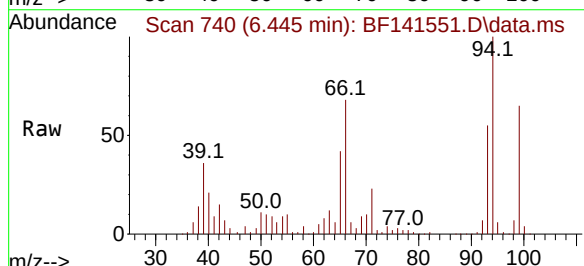
Tgt Ion: 94 Resp: 332783

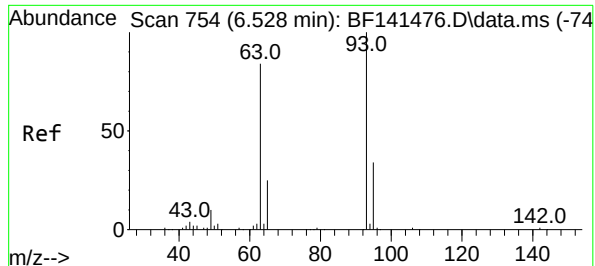
Ion Ratio Lower Upper

94 100

65 42.2 23.7 63.7

66 67.7 49.3 89.3

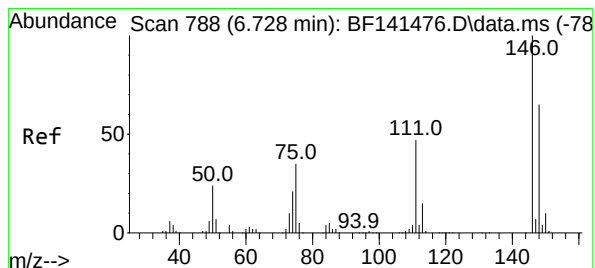
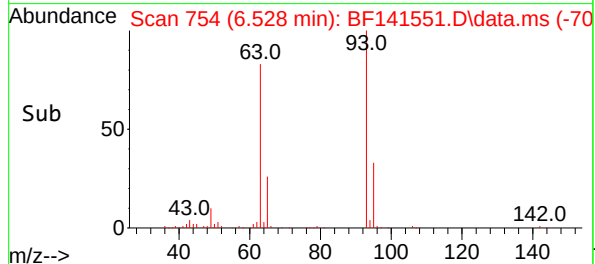
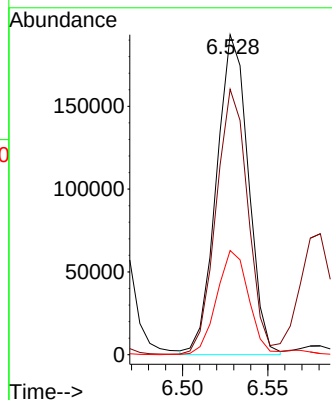
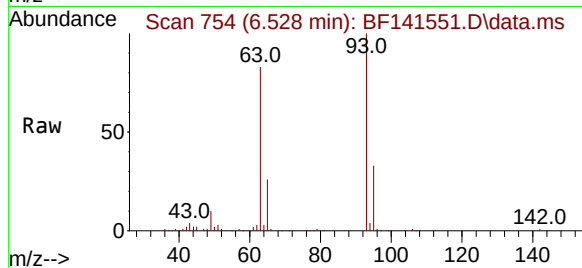




#11
bis(2-Chloroethyl)ether
Concen: 39.527 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

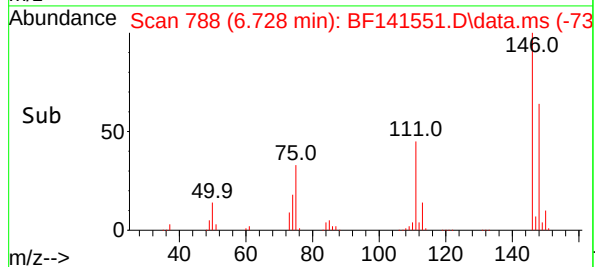
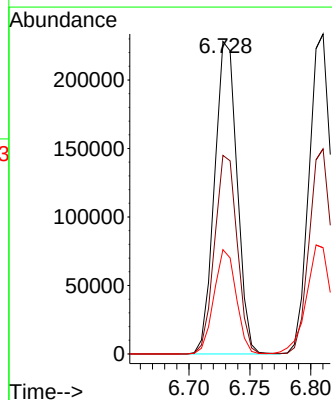
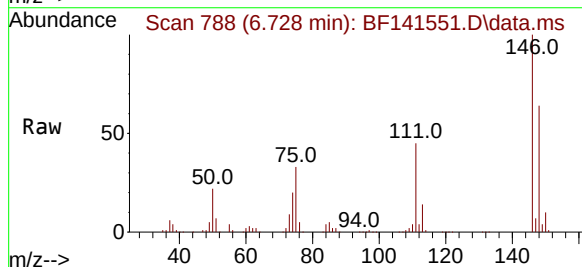
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

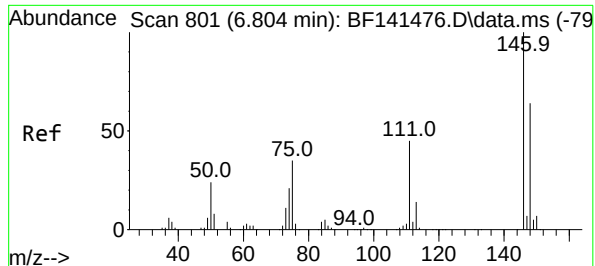
Tgt Ion: 93 Resp: 251570
Ion Ratio Lower Upper
93 100
63 82.9 62.0 102.0
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.029 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion: 146 Resp: 294127
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.495 ng

RT: 6.810 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

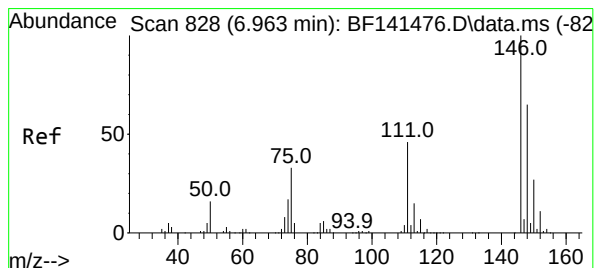
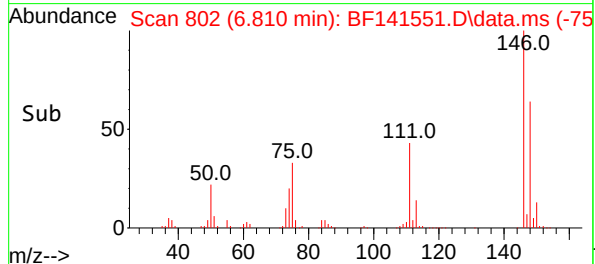
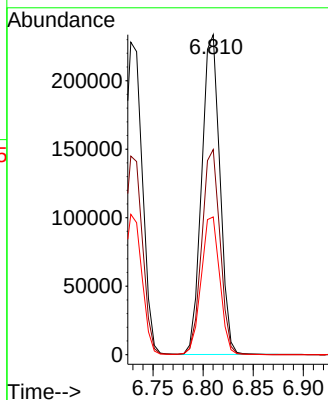
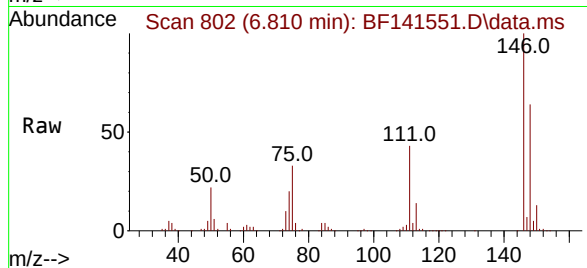
Tgt Ion:146 Resp: 296503

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 43.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.630 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

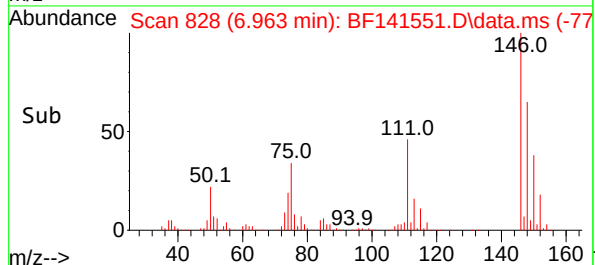
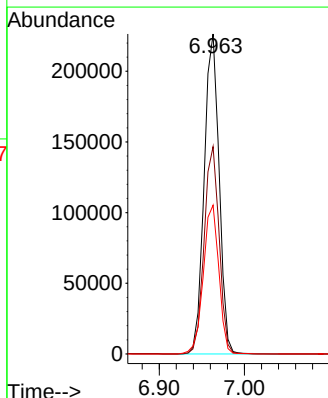
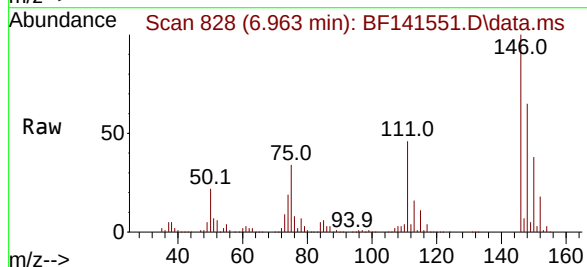
Tgt Ion:146 Resp: 276132

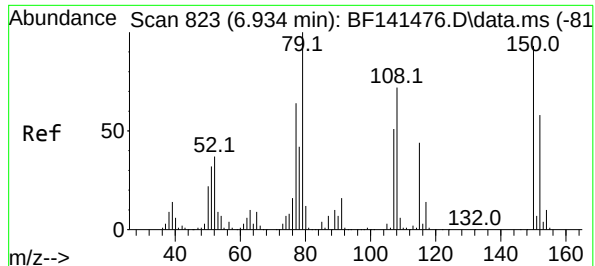
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

111 46.5 37.0 55.4





#15

Benzyl Alcohol

Concen: 39.763 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

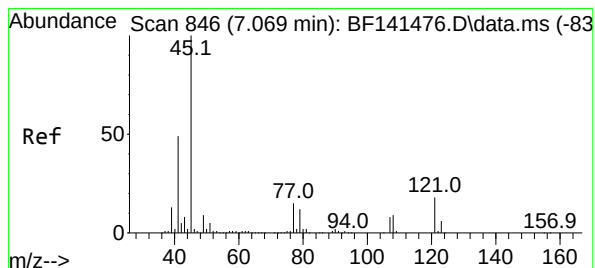
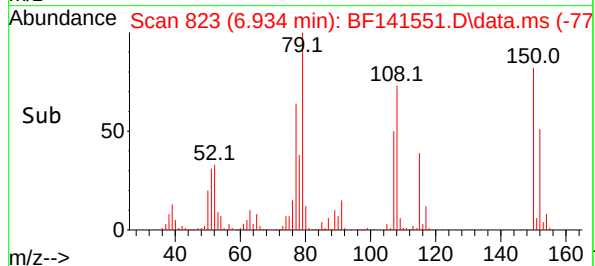
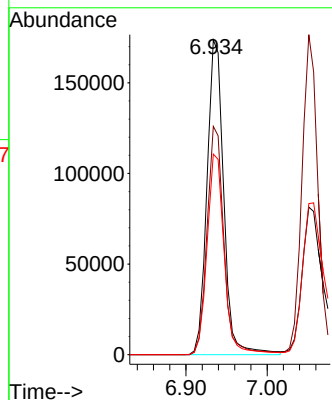
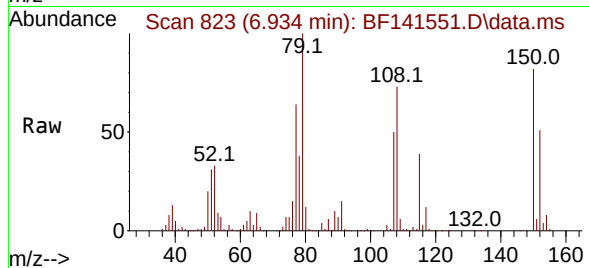
Tgt Ion: 79 Resp: 248245

Ion Ratio Lower Upper

79 100

108 72.6 57.4 86.2

77 63.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.413 ng

RT: 7.069 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

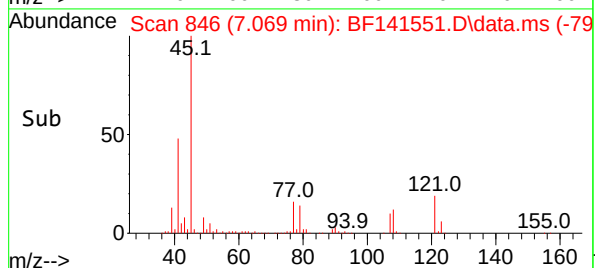
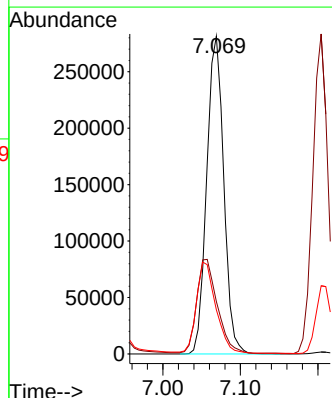
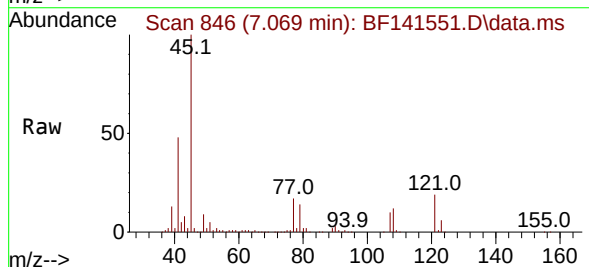
Tgt Ion: 45 Resp: 429398

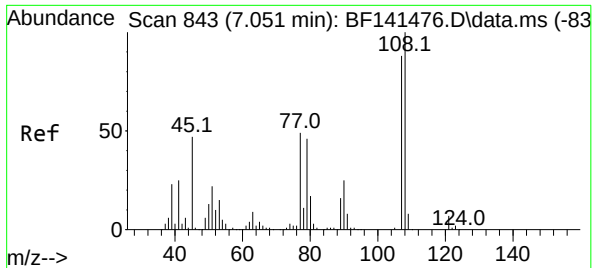
Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.8

79 13.9 0.0 32.7

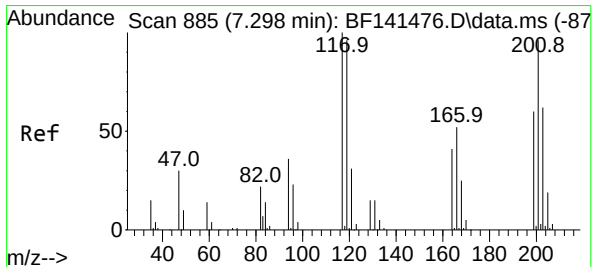
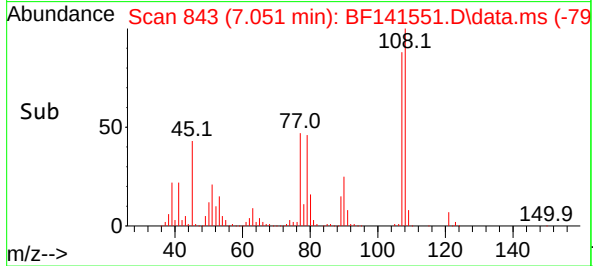
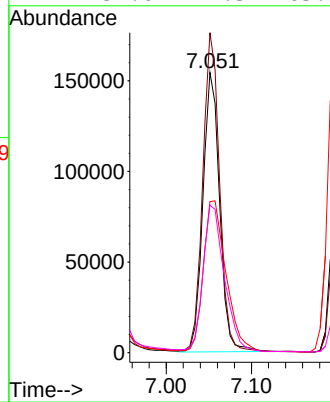
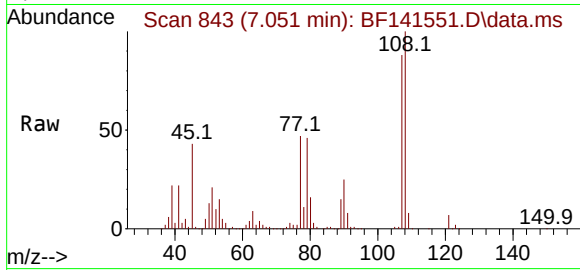




#17
2-Methylphenol
Concen: 38.662 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

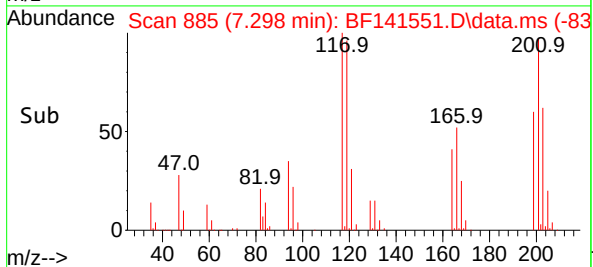
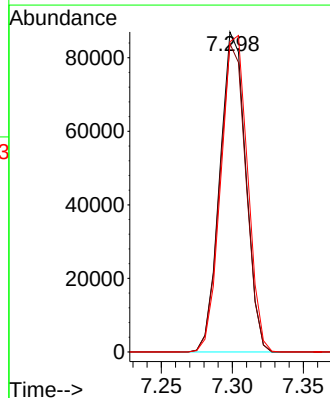
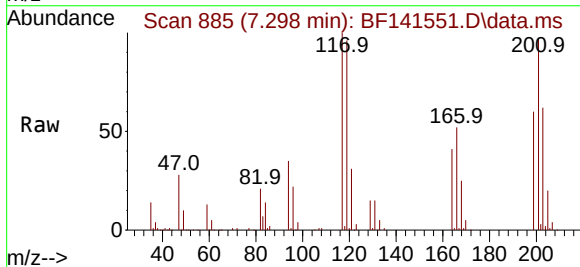
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

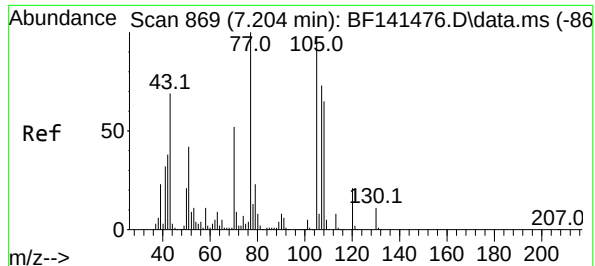
Tgt Ion:107 Resp: 210577
Ion Ratio Lower Upper
107 100
108 114.2 90.6 136.0
77 53.9 44.4 66.6
79 52.6 42.3 63.5



#18
Hexachloroethane
Concen: 39.762 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:117 Resp: 110474
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
201 97.0 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.642 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 193046

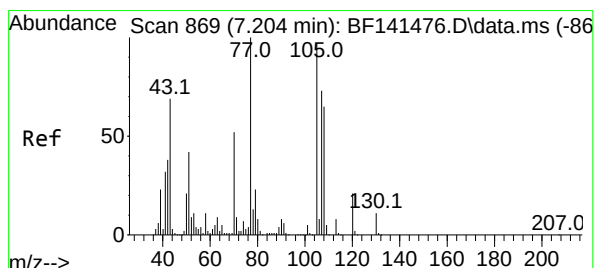
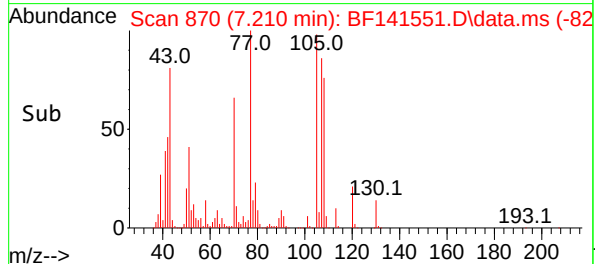
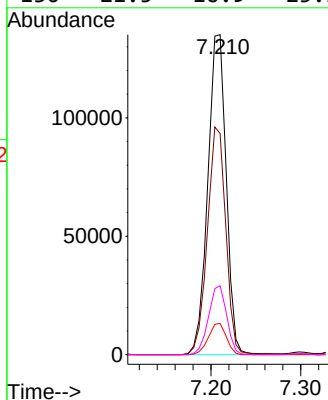
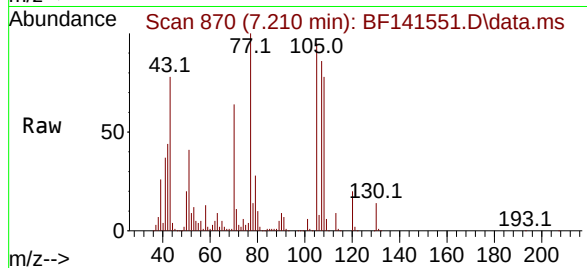
Ion Ratio Lower Upper

70 100

42 69.1 57.4 86.2

101 9.7 8.0 12.0

130 21.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.863 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Tgt Ion:107 Resp: 269006

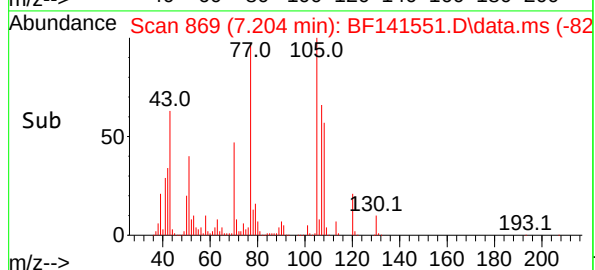
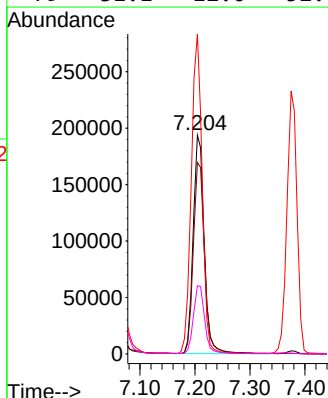
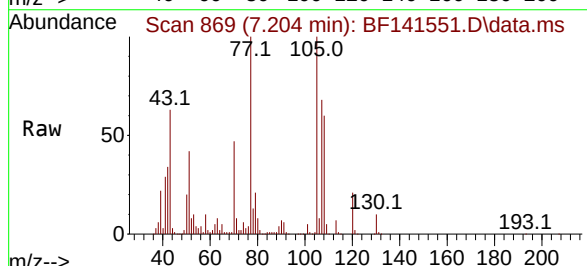
Ion Ratio Lower Upper

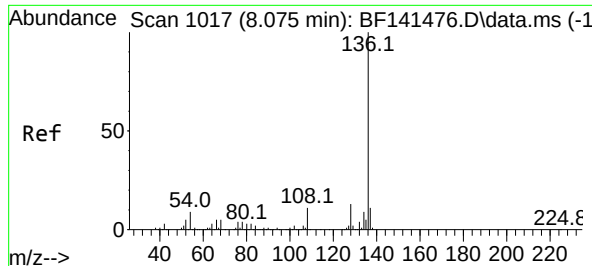
107 100

108 87.5 68.5 108.5

77 146.2 116.5 156.5

79 31.1 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 399334

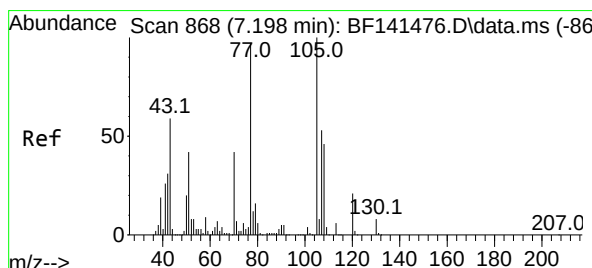
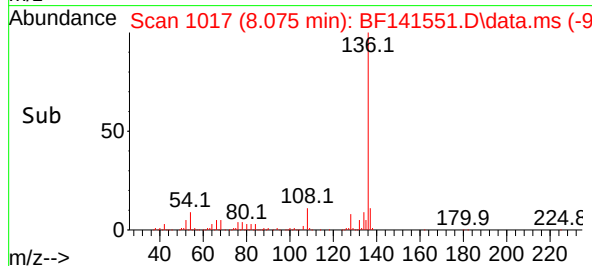
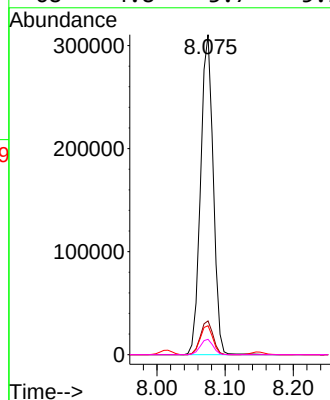
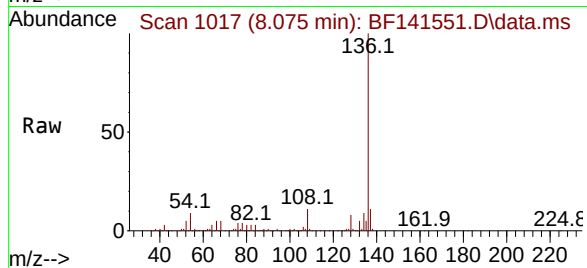
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 9.1 7.2 10.8

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 38.884 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Tgt Ion:105 Resp: 386258

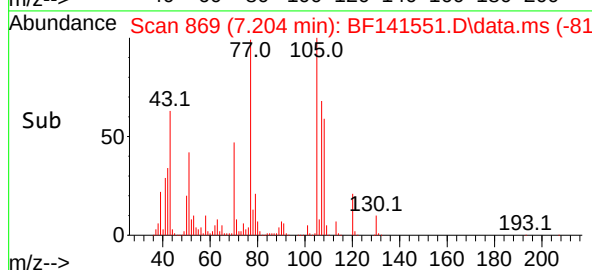
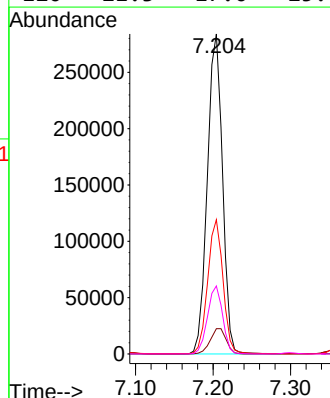
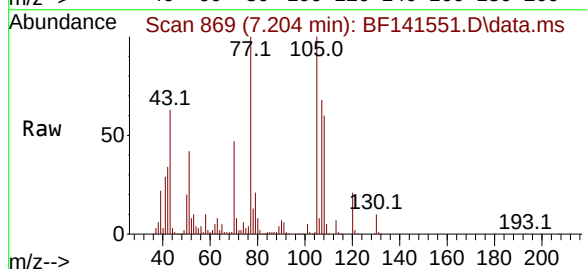
Ion Ratio Lower Upper

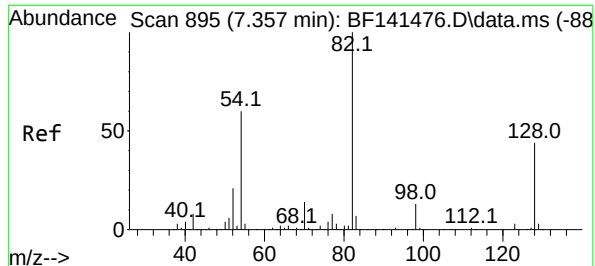
105 100

71 7.9 5.7 8.5

51 41.9 33.7 50.5

120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.150 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

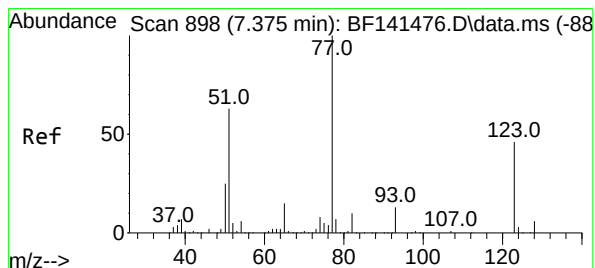
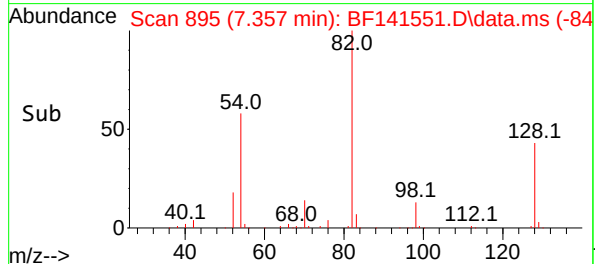
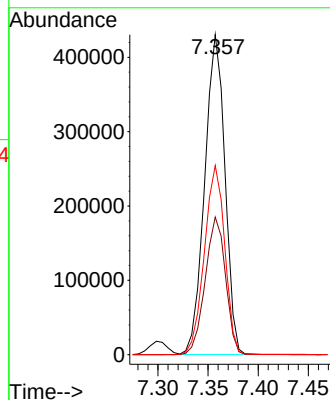
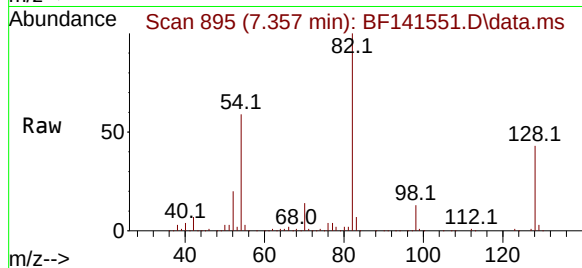
Tgt Ion: 82 Resp: 605988

Ion Ratio Lower Upper

82 100

128 43.0 34.8 52.2

54 59.1 48.2 72.4



#24

Nitrobenzene

Concen: 39.421 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

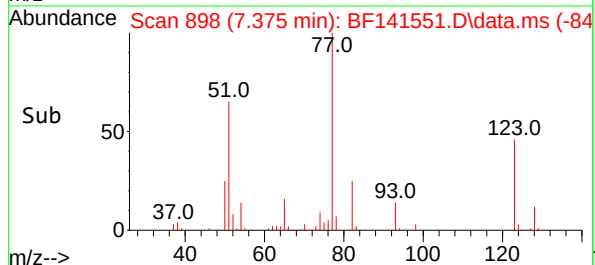
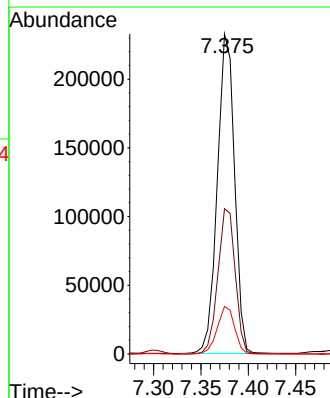
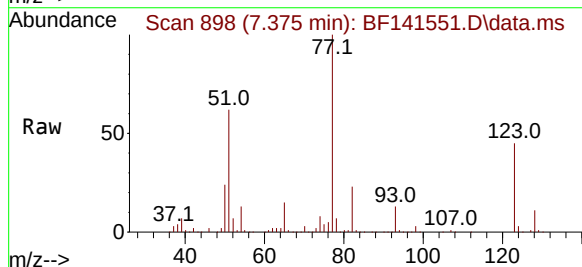
Tgt Ion: 77 Resp: 294305

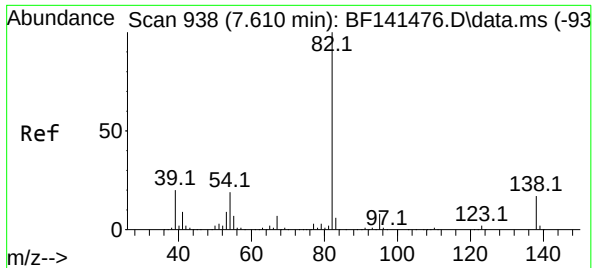
Ion Ratio Lower Upper

77 100

123 45.4 36.9 55.3

65 14.8 11.9 17.9

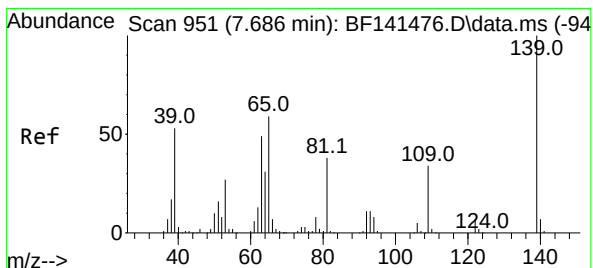
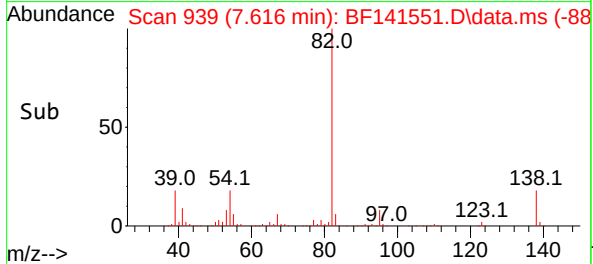
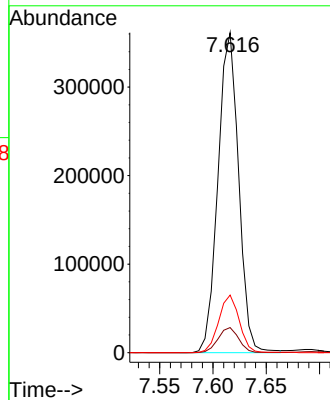
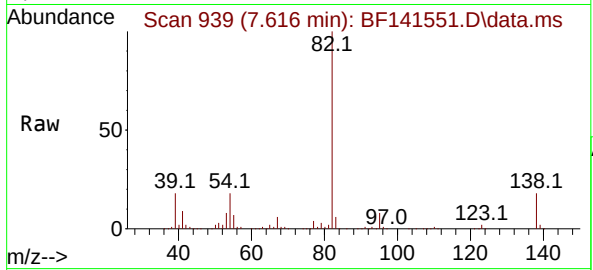




#25
Isophorone
Concen: 39.870 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

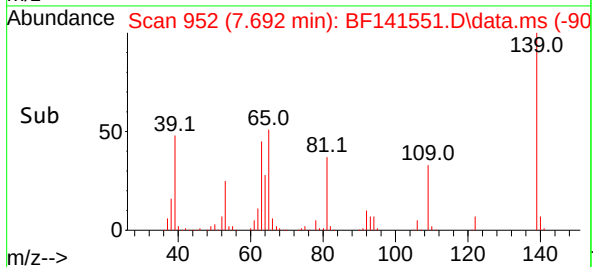
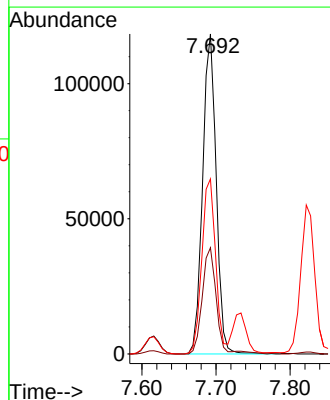
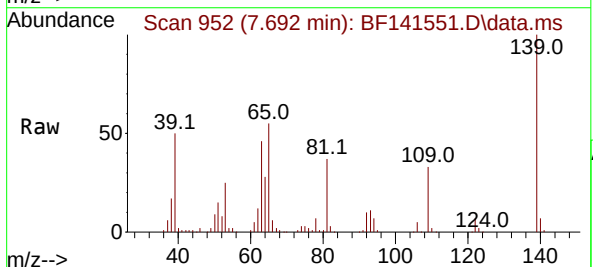
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

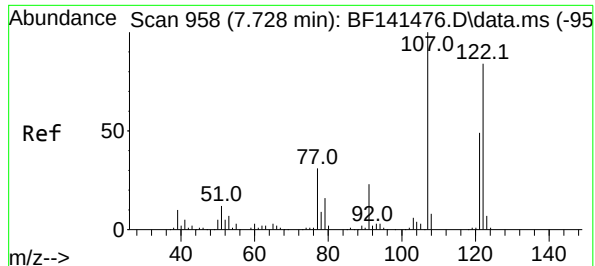
Tgt Ion: 82 Resp: 486718
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 40.688 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion: 139 Resp: 151129
Ion Ratio Lower Upper
139 100
109 33.2 27.0 40.6
65 54.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 40.742 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

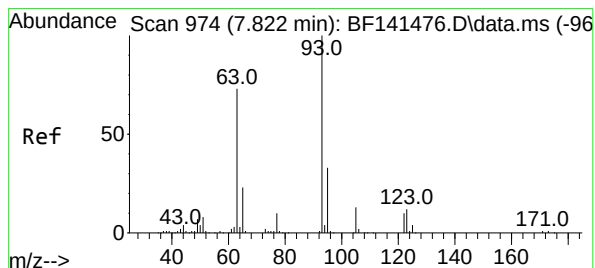
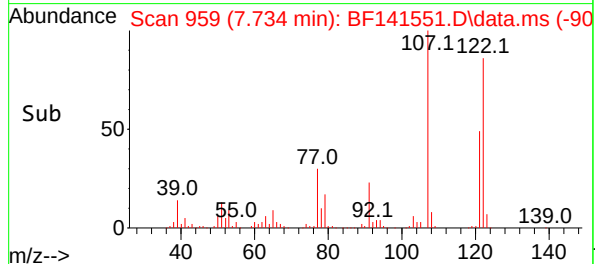
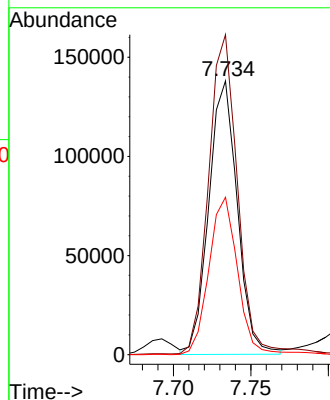
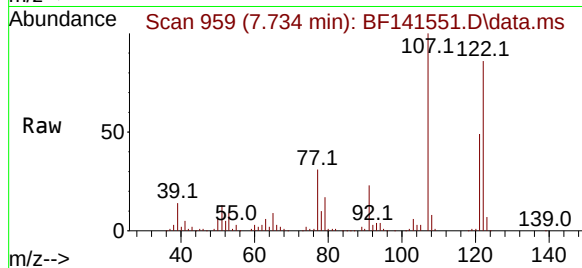
Tgt Ion:122 Resp: 176787

Ion Ratio Lower Upper

122 100

107 116.9 94.3 141.5

121 57.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.602 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

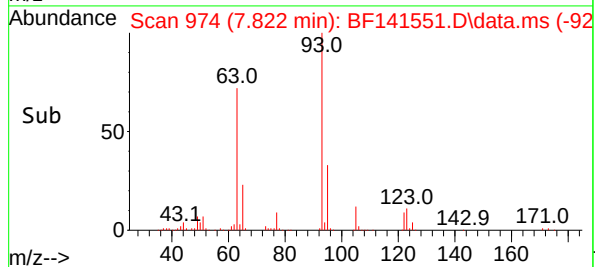
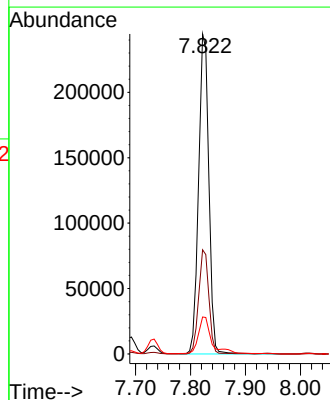
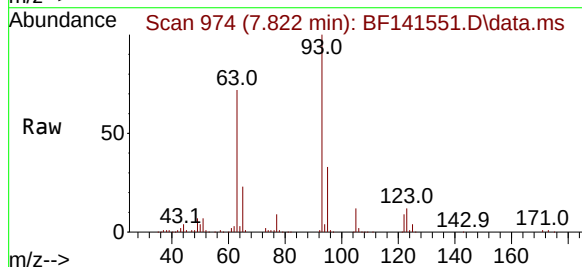
Tgt Ion: 93 Resp: 317603

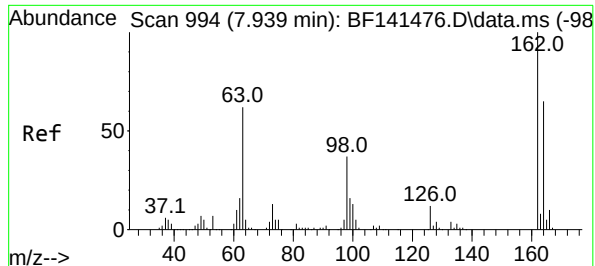
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.207 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

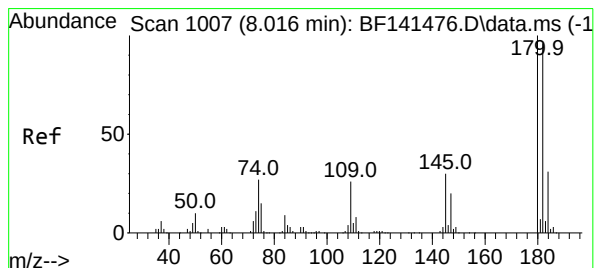
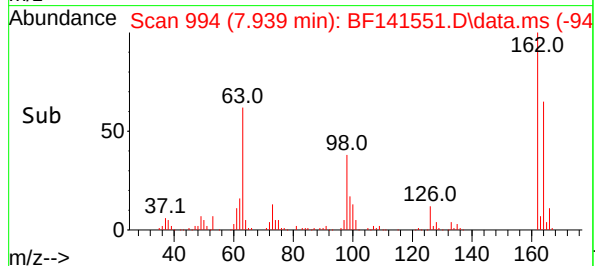
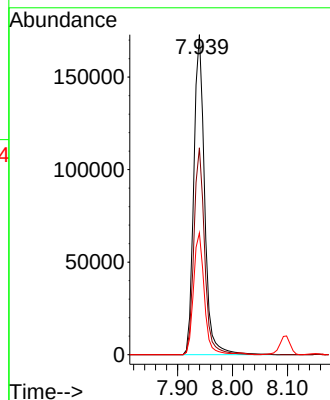
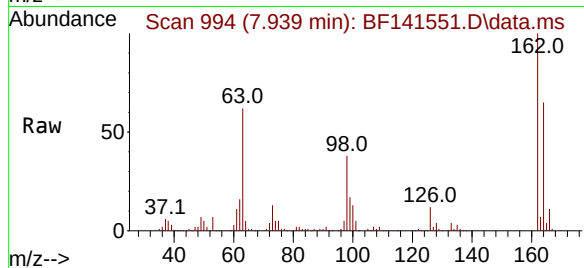
Tgt Ion:162 Resp: 235725

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 38.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.881 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

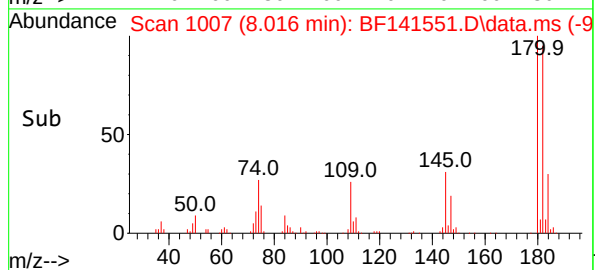
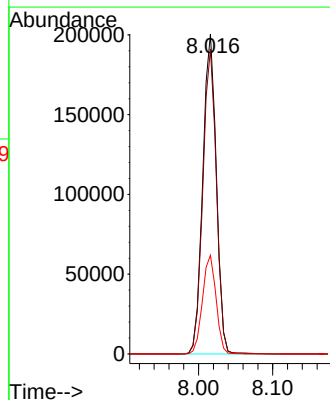
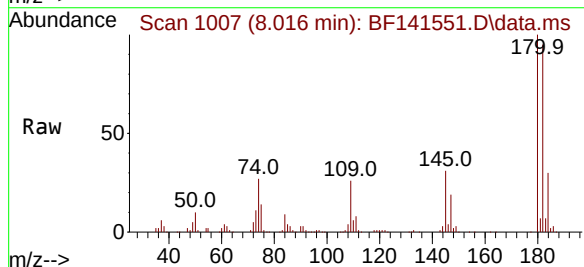
Tgt Ion:180 Resp: 254617

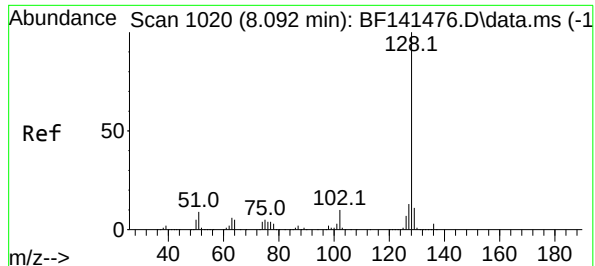
Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

145 30.9 24.2 36.4





#31

Naphthalene

Concen: 39.496 ng

RT: 8.098 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

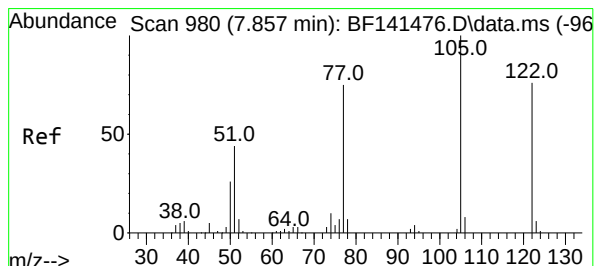
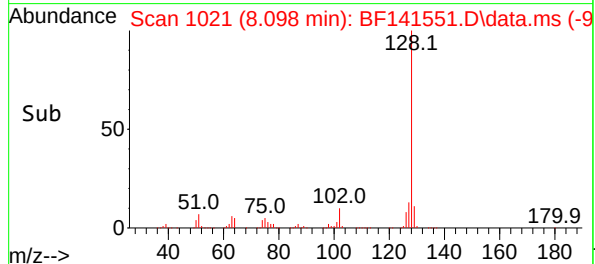
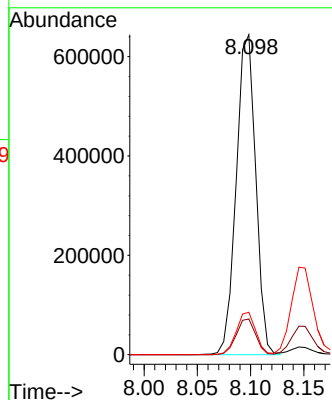
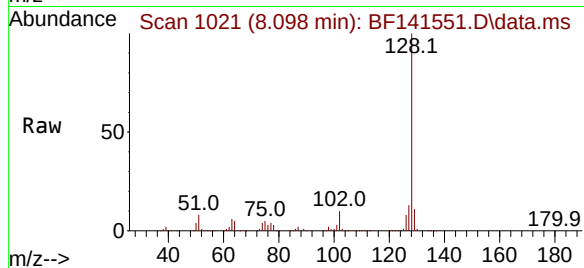
Tgt Ion:128 Resp: 820994

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 38.109 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.029 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

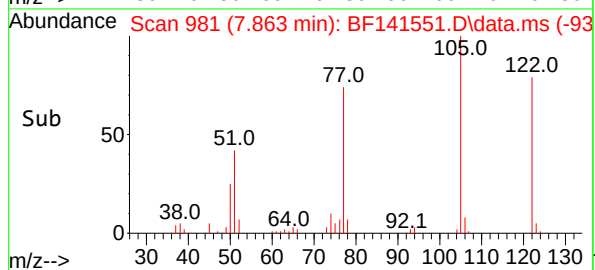
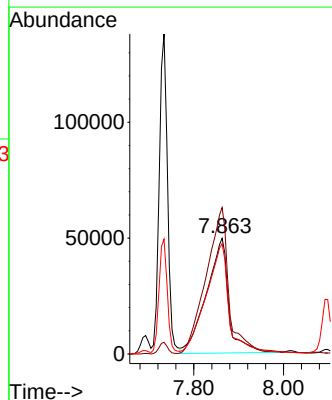
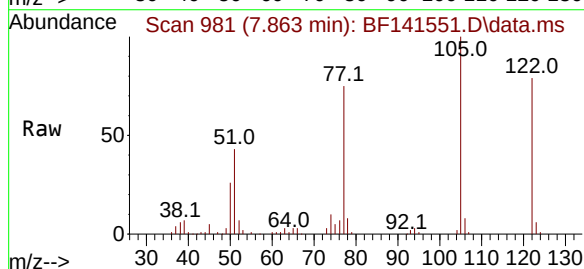
Tgt Ion:122 Resp: 171762

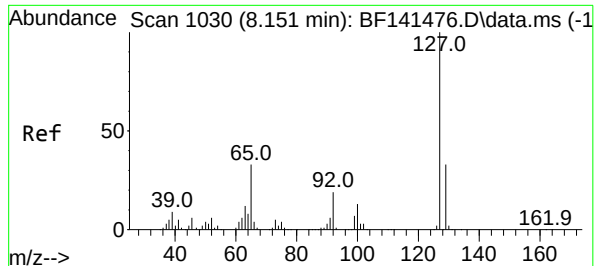
Ion Ratio Lower Upper

122 100

105 126.5 106.5 146.5

77 95.4 76.3 116.3





#33

4-Chloroaniline

Concen: 35.922 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 260705

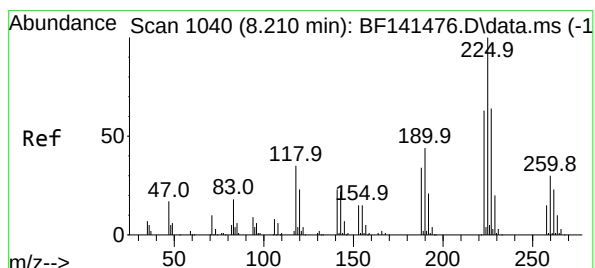
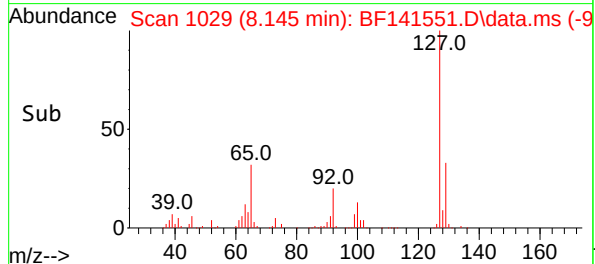
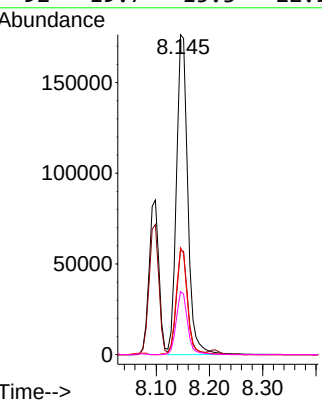
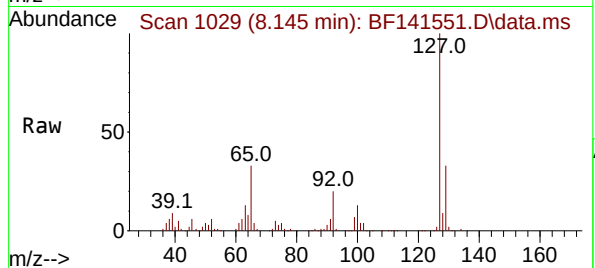
Ion Ratio Lower Upper

127 100

129 32.6 26.5 39.7

65 33.4 26.4 39.6

92 19.7 15.3 22.9



#34

Hexachlorobutadiene

Concen: 40.212 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

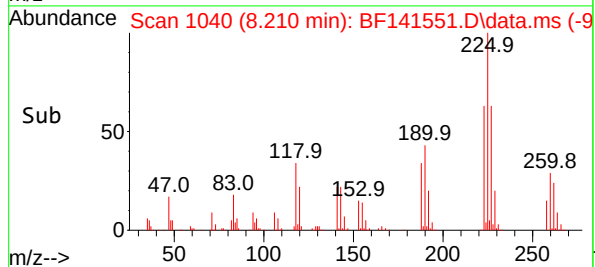
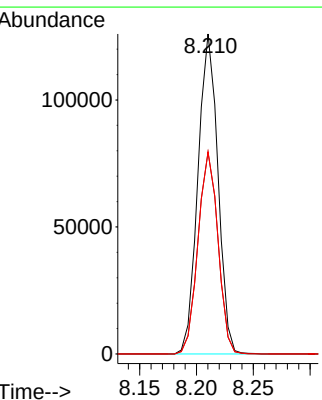
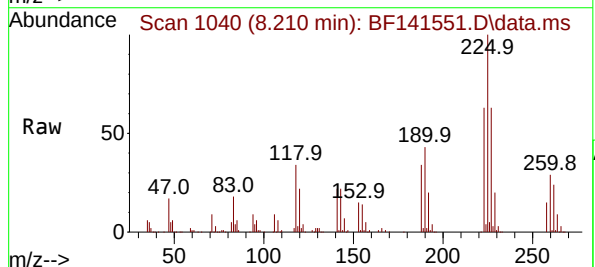
Tgt Ion:225 Resp: 154125

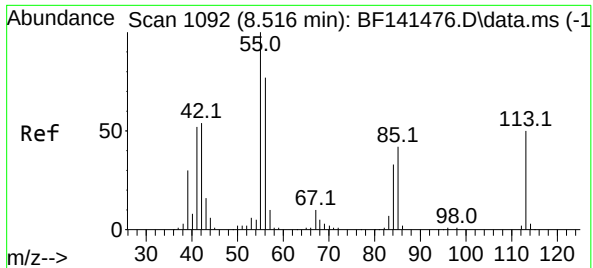
Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

227 63.1 51.0 76.6





#35

Caprolactam

Concen: 40.821 ng

RT: 8.522 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

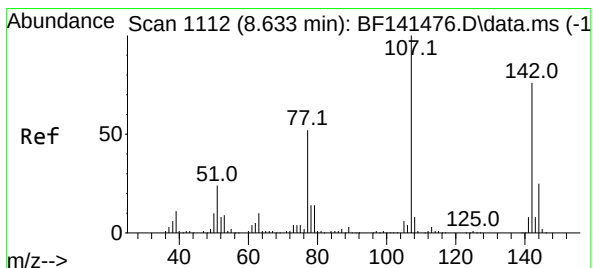
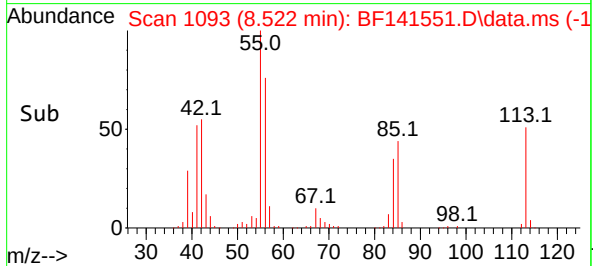
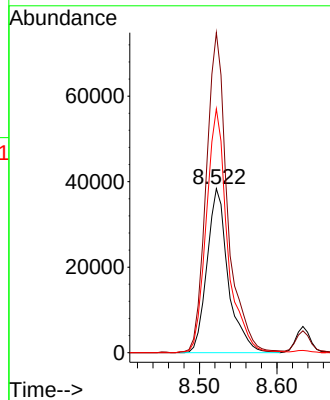
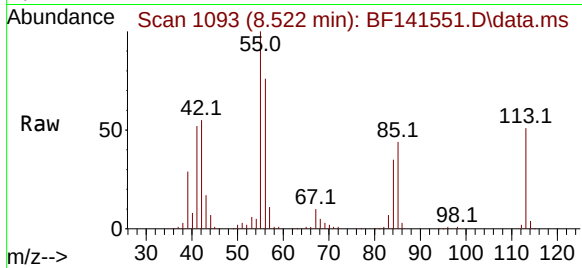
Tgt Ion:113 Resp: 72868

Ion Ratio Lower Upper

113 100

55 195.1 180.8 220.8

56 148.7 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 39.838 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

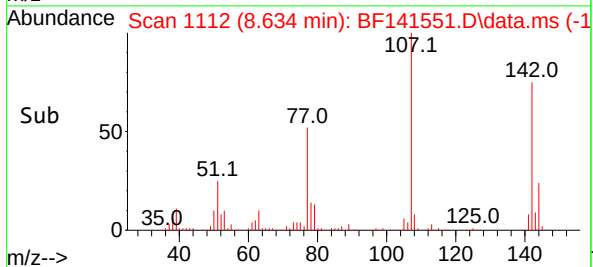
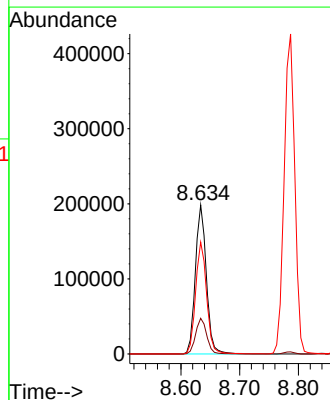
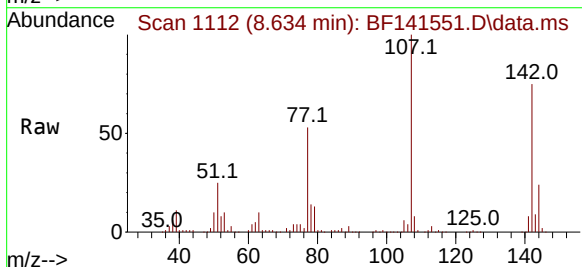
Tgt Ion:107 Resp: 258721

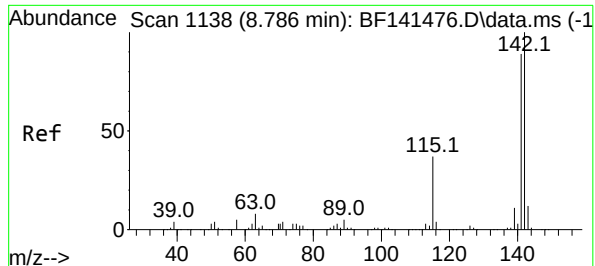
Ion Ratio Lower Upper

107 100

144 24.0 19.7 29.5

142 75.1 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.589 ng

RT: 8.786 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

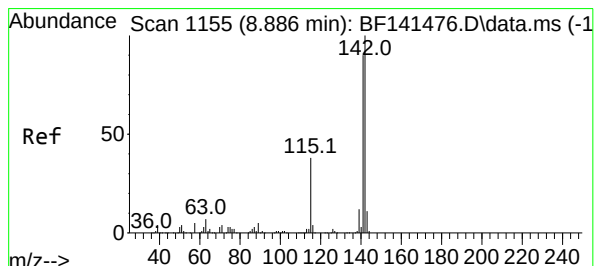
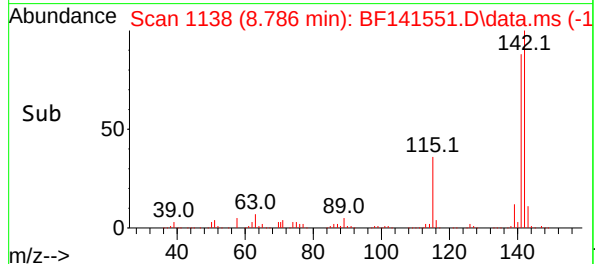
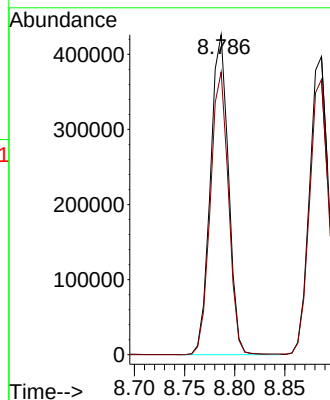
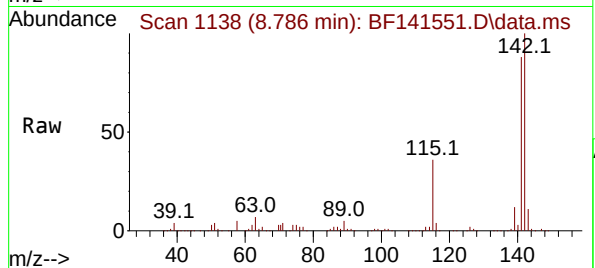
SSTDCCC040

Tgt Ion:142 Resp: 535507

Ion Ratio Lower Upper

142 100

141 88.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 39.172 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF141551.D

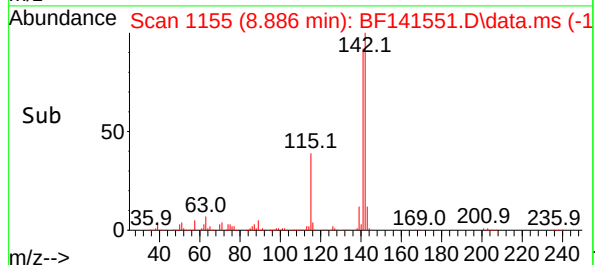
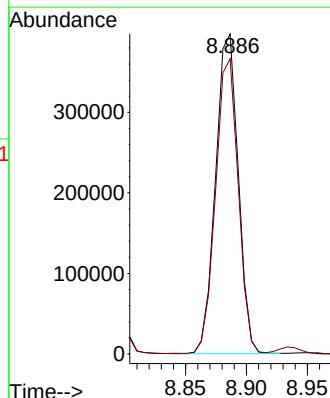
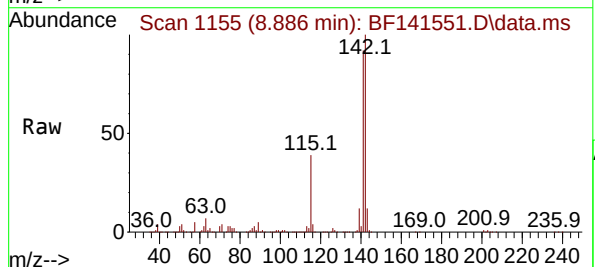
Acq: 11 Feb 2025 10:28

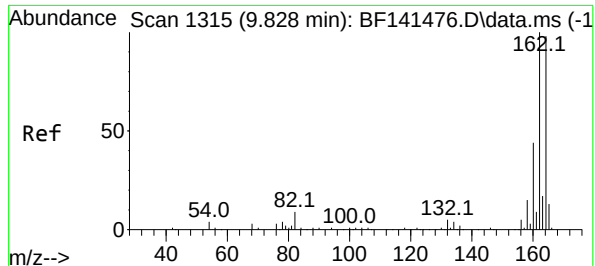
Tgt Ion:142 Resp: 513186

Ion Ratio Lower Upper

142 100

141 92.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

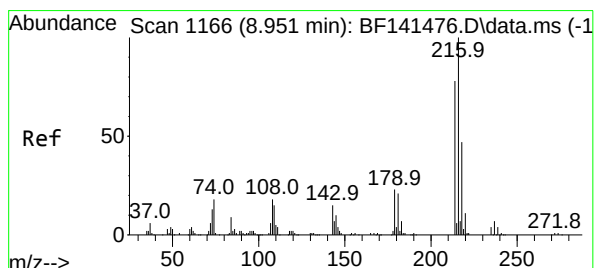
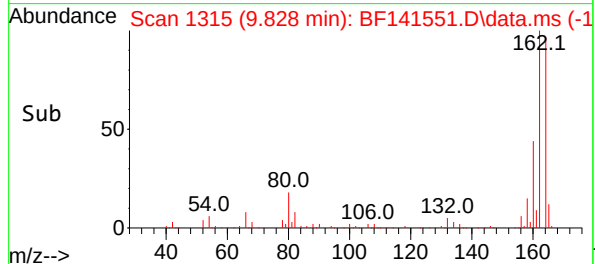
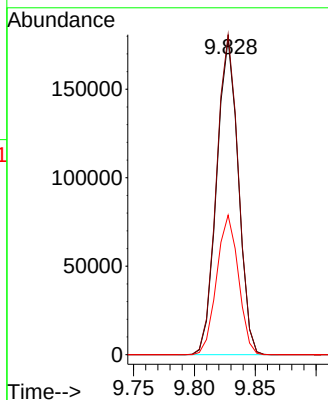
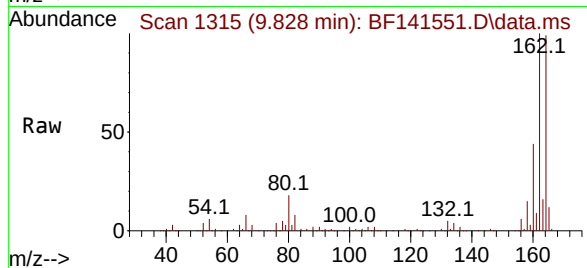
Tgt Ion:164 Resp: 220290

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 44.2 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.721 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Tgt Ion:216 Resp: 253153

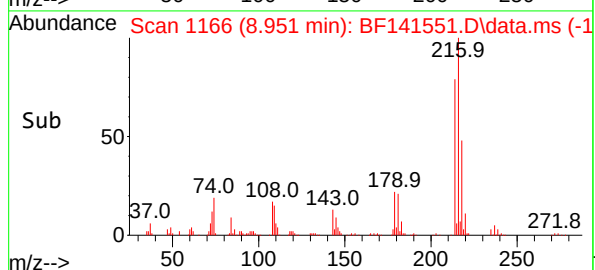
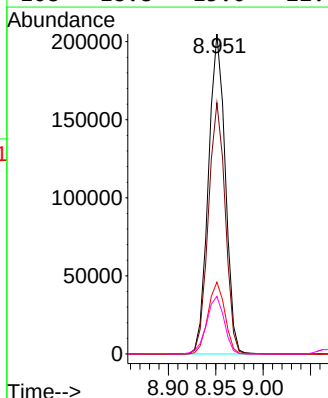
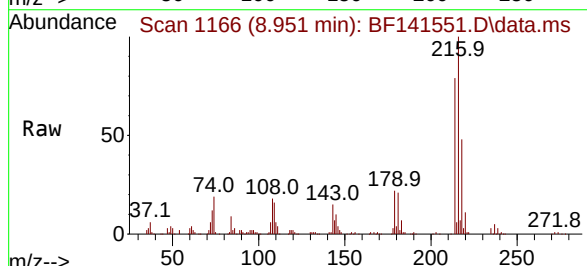
Ion Ratio Lower Upper

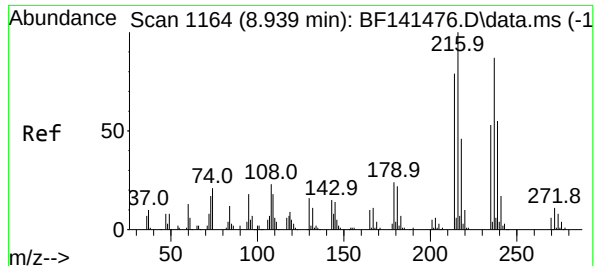
216 100

214 78.3 62.3 93.5

179 22.4 18.0 27.0

108 18.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 37.607 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

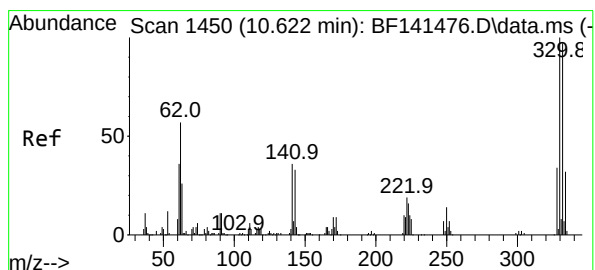
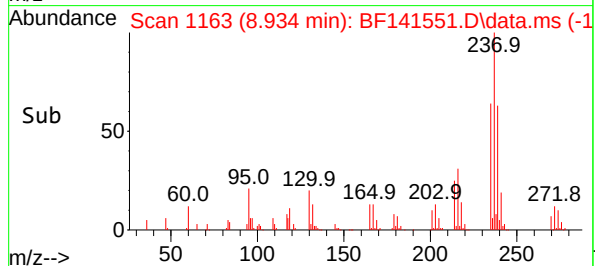
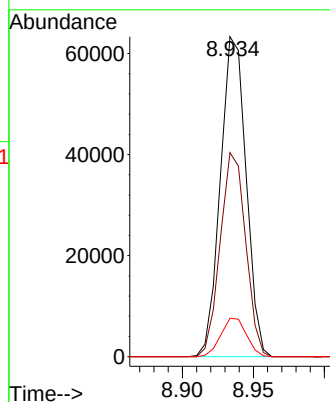
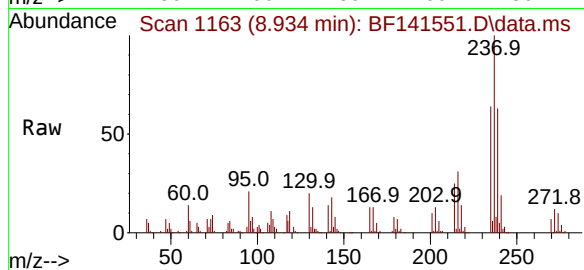
Tgt Ion:237 Resp: 79719

Ion Ratio Lower Upper

237 100

235 63.7 41.4 81.4

272 12.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 79.892 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

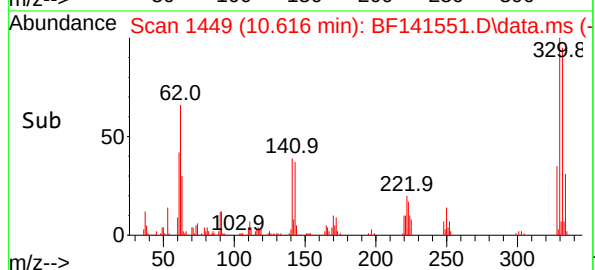
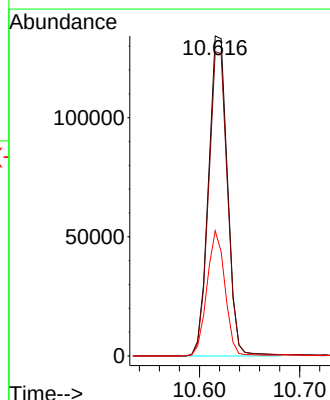
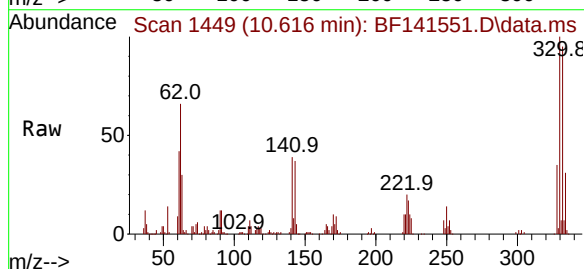
Tgt Ion:330 Resp: 176794

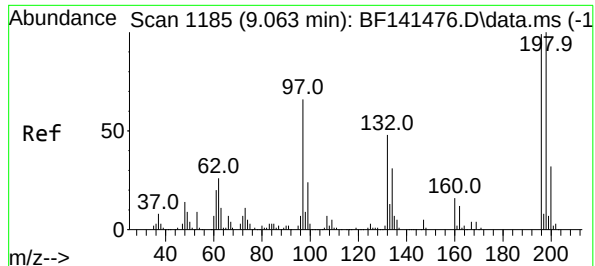
Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

141 37.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 39.916 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

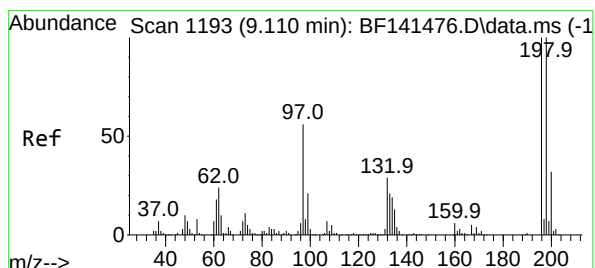
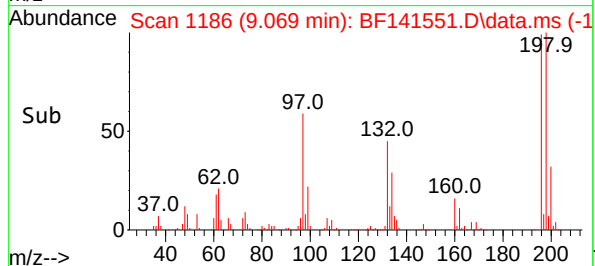
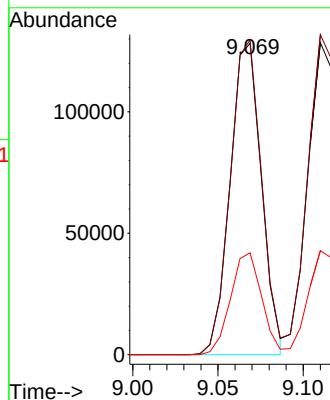
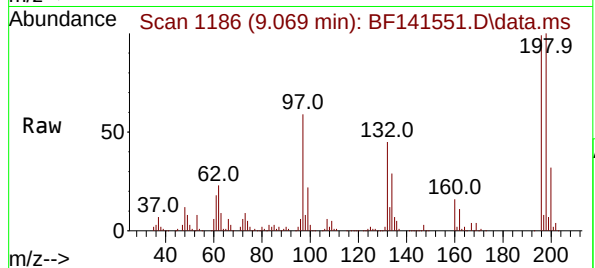
Tgt Ion:196 Resp: 164418

Ion Ratio Lower Upper

196 100

198 101.1 80.6 121.0

200 32.7 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 39.574 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Tgt Ion:196 Resp: 176666

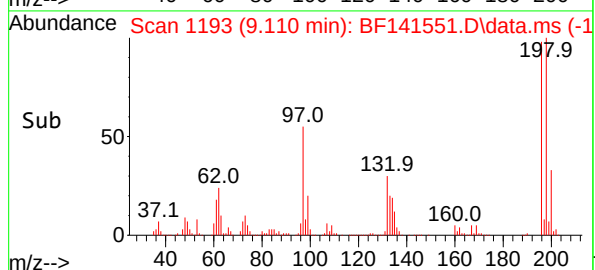
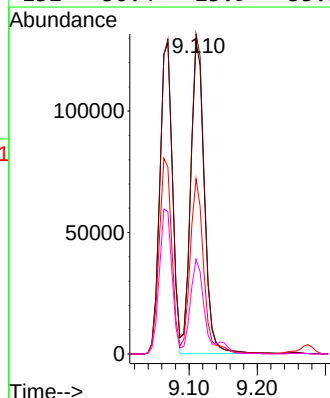
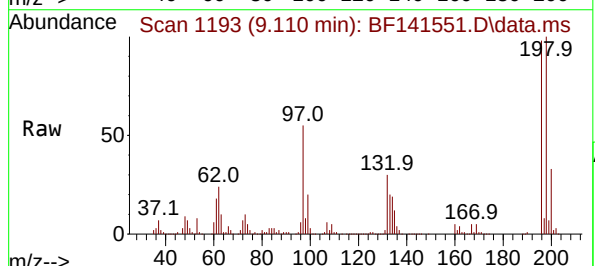
Ion Ratio Lower Upper

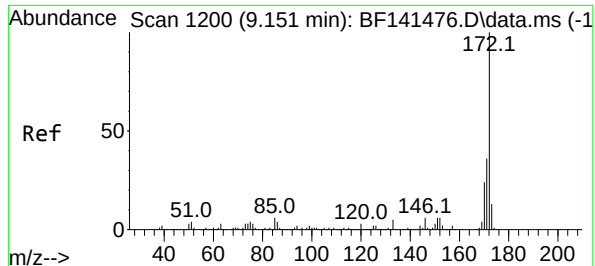
196 100

198 102.6 79.8 119.8

97 56.2 44.8 67.2

132 30.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 78.338 ng

RT: 9.151 min Scan# 1120127

Delta R.T. 0.000 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

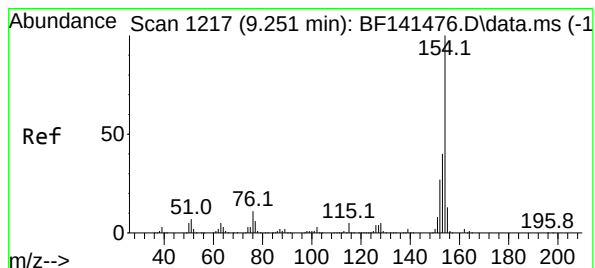
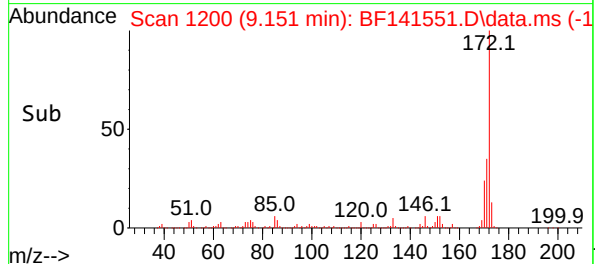
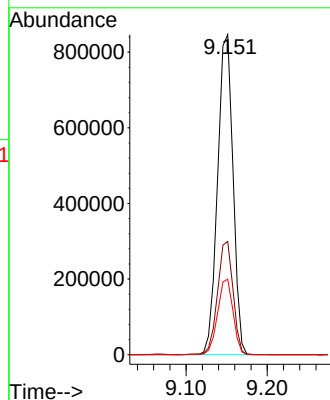
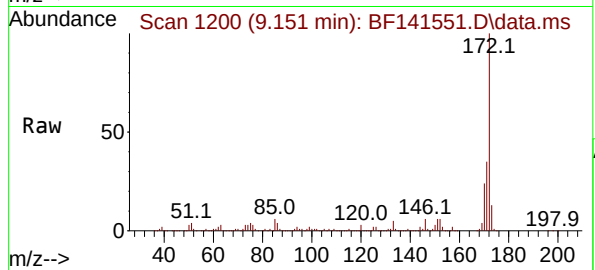
Tgt Ion:172 Resp: 1120127

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.828 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

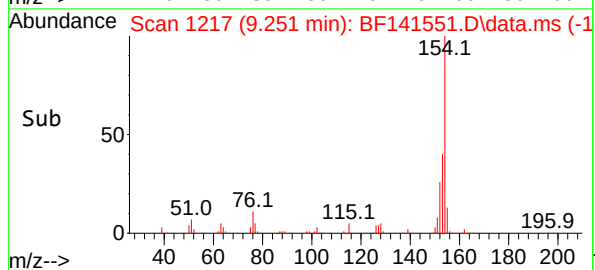
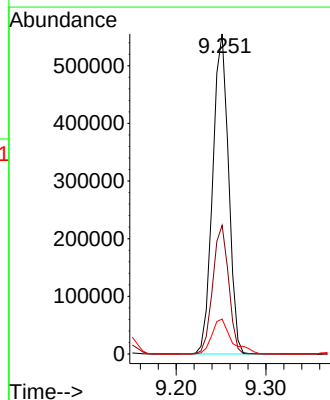
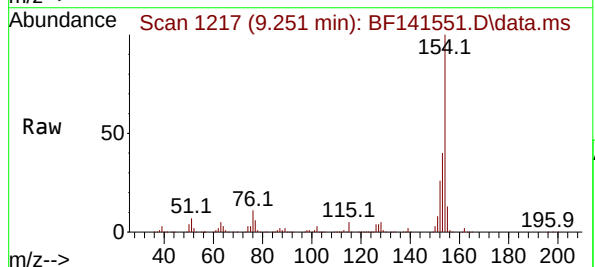
Tgt Ion:154 Resp: 680211

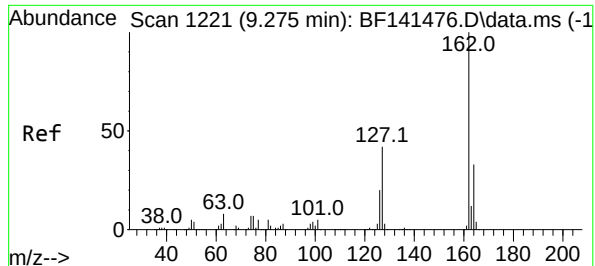
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.175 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

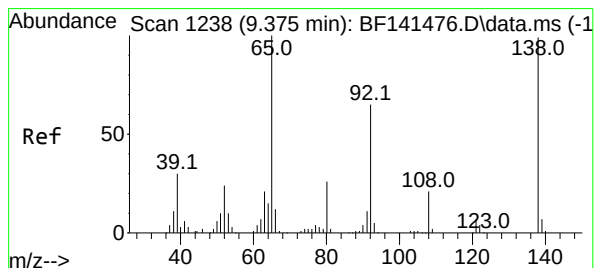
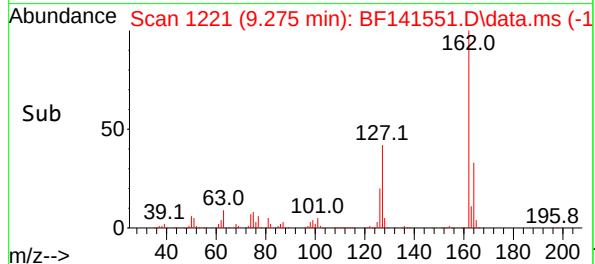
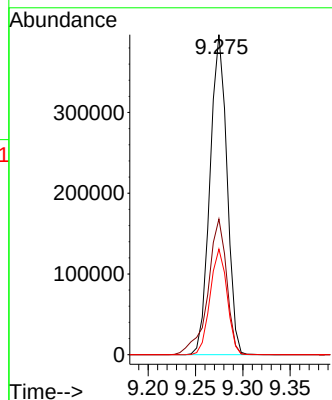
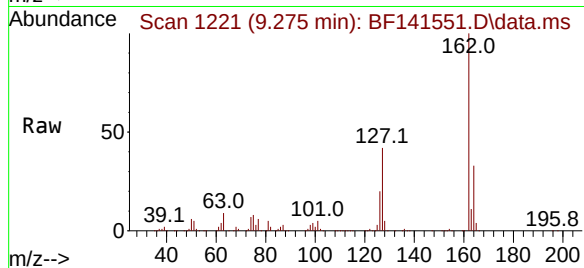
Tgt Ion:162 Resp: 494742

Ion Ratio Lower Upper

162 100

127 42.4 34.1 51.1

164 33.0 26.3 39.5



#48

2-Nitroaniline

Concen: 38.652 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

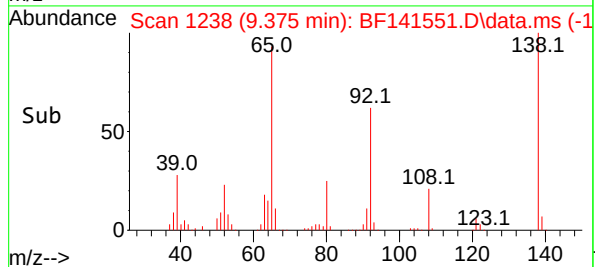
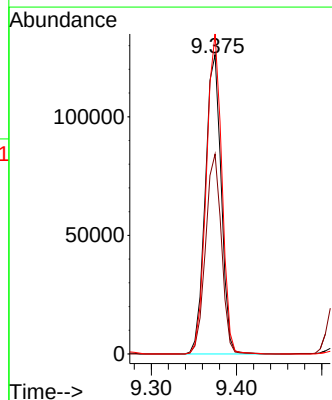
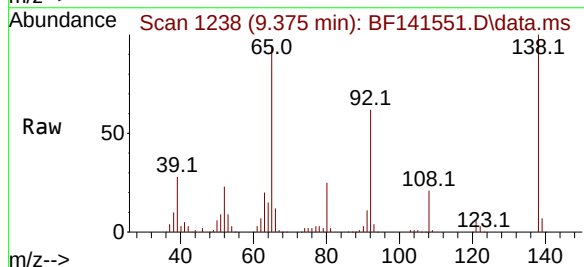
Tgt Ion: 65 Resp: 163823

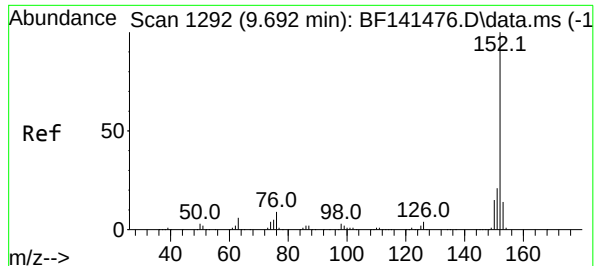
Ion Ratio Lower Upper

65 100

92 66.8 52.2 78.2

138 106.9 79.5 119.3





#49

Acenaphthylene

Concen: 39.549 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

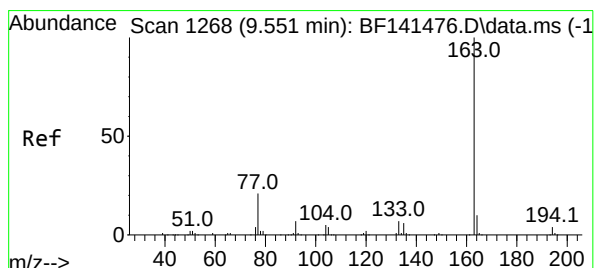
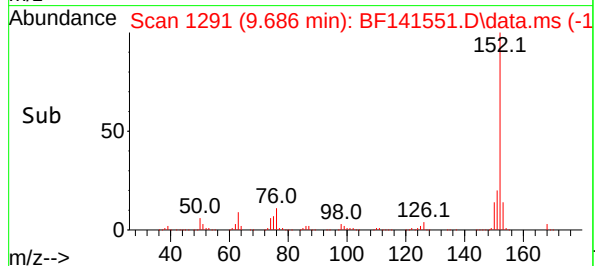
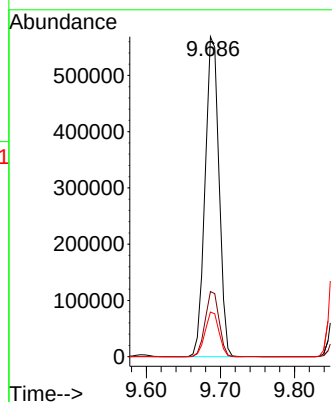
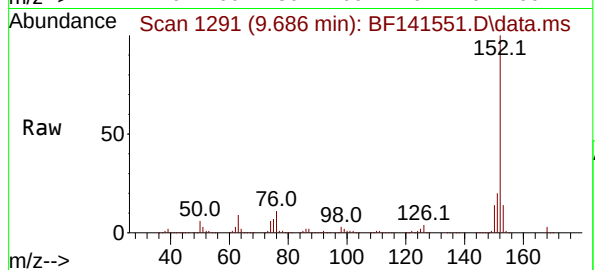
Tgt Ion:152 Resp: 742913

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 40.052 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

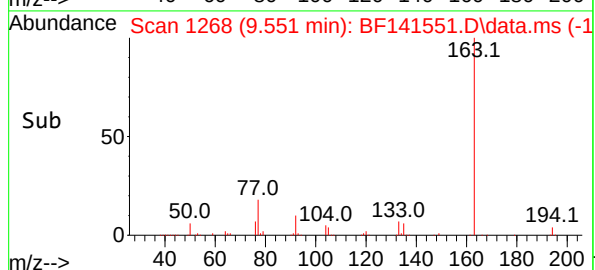
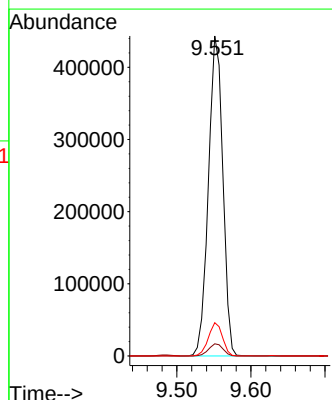
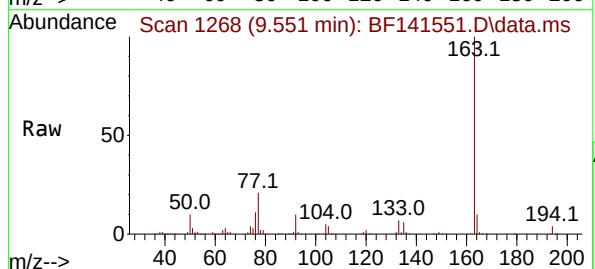
Tgt Ion:163 Resp: 598973

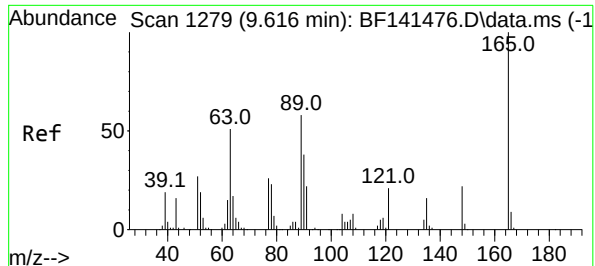
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.4 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 39.707 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

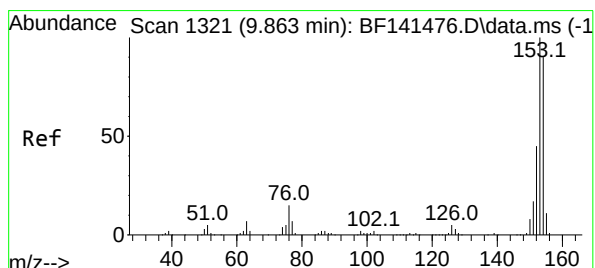
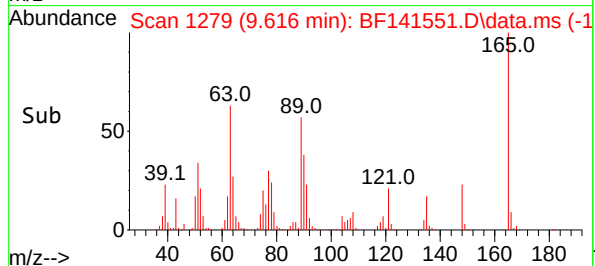
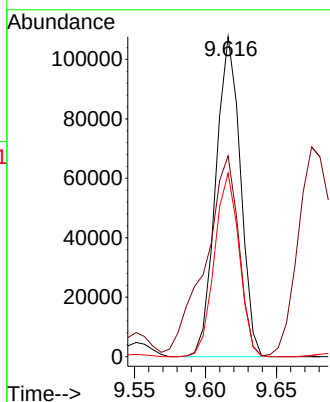
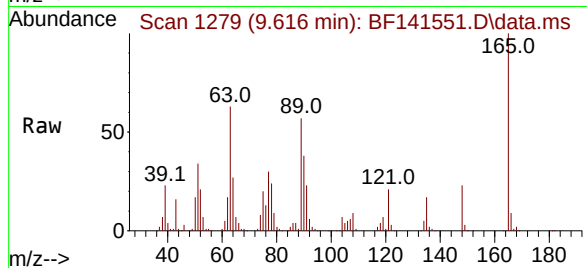
Tgt Ion:165 Resp: 129812

Ion Ratio Lower Upper

165 100

63 62.7 49.4 74.0

89 57.4 46.5 69.7



#52

Acenaphthene

Concen: 39.125 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

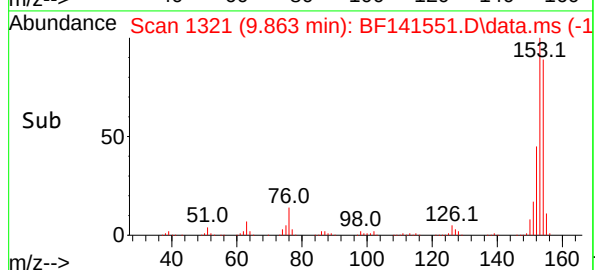
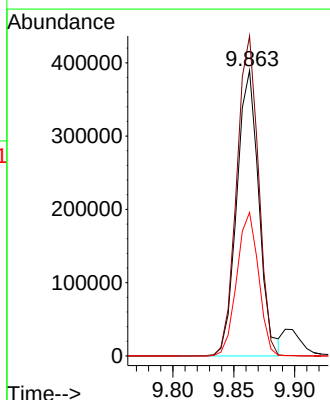
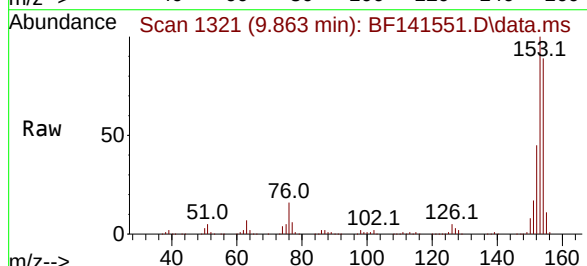
Tgt Ion:154 Resp: 494087

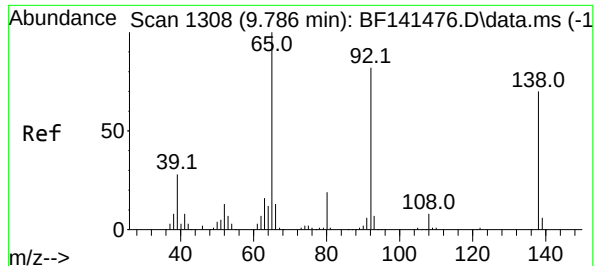
Ion Ratio Lower Upper

154 100

153 112.1 89.2 133.8

152 50.3 39.8 59.8





#53

3-Nitroaniline

Concen: 38.855 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

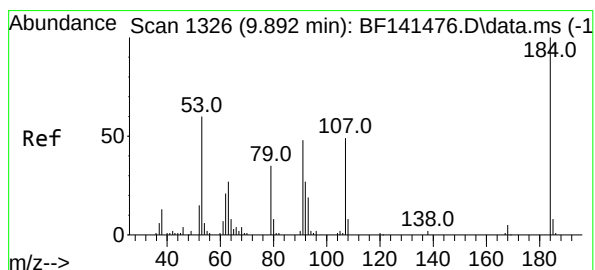
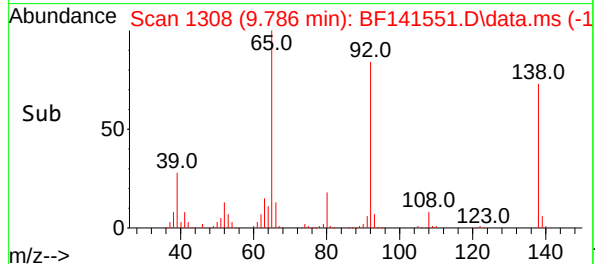
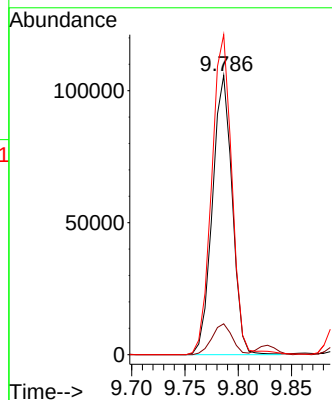
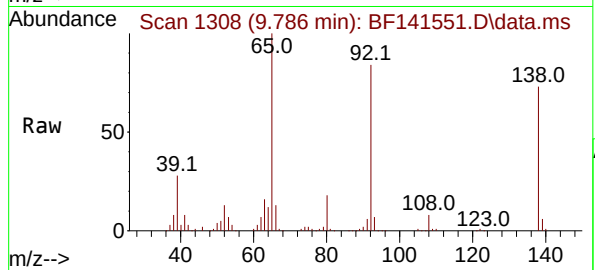
Tgt Ion:138 Resp: 136720

Ion Ratio Lower Upper

138 100

108 11.1 9.0 13.4

92 114.6 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 41.042 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

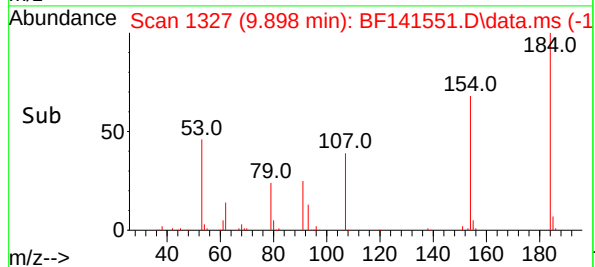
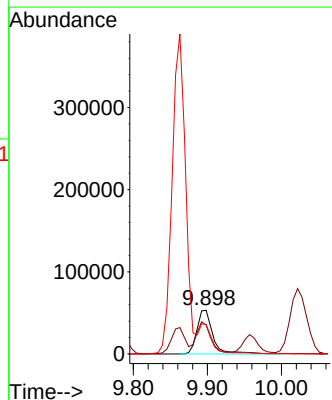
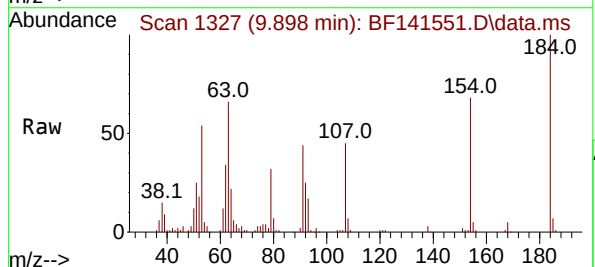
Tgt Ion:184 Resp: 79744

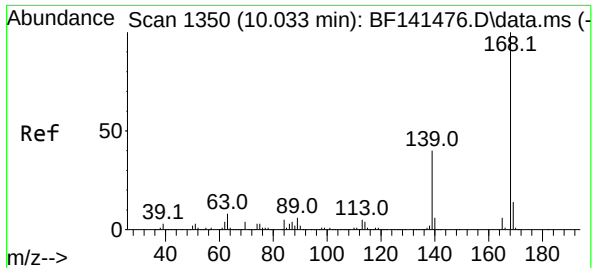
Ion Ratio Lower Upper

184 100

63 66.2 61.0 91.6

154 67.5 59.9 89.9





#55

Dibenzofuran

Concen: 39.291 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

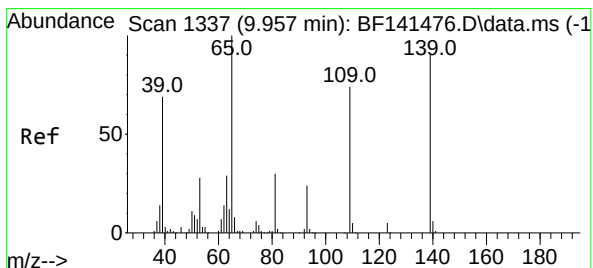
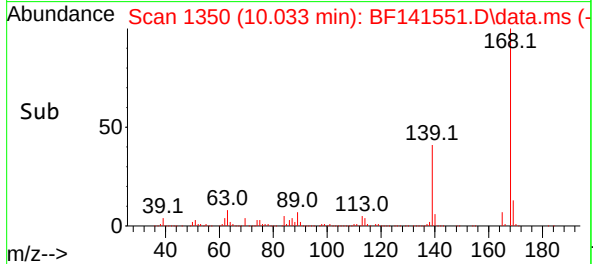
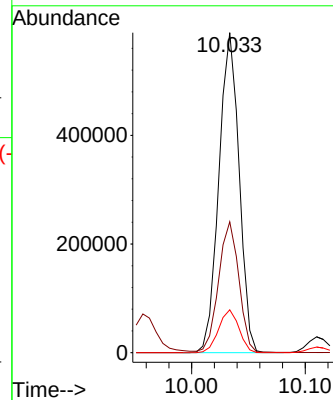
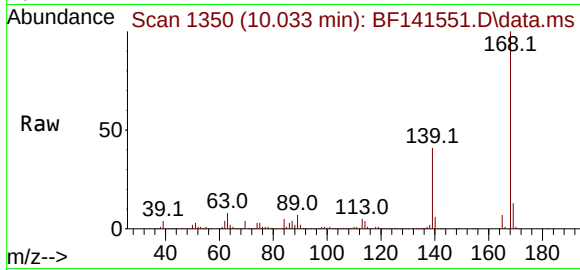
Tgt Ion:168 Resp: 728307

Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 39.275 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

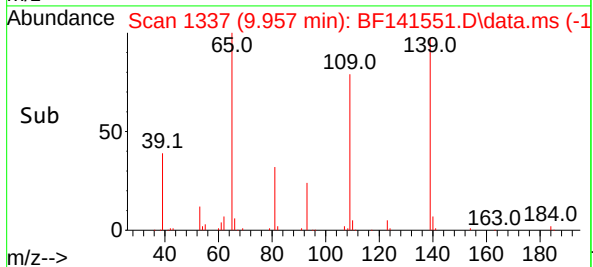
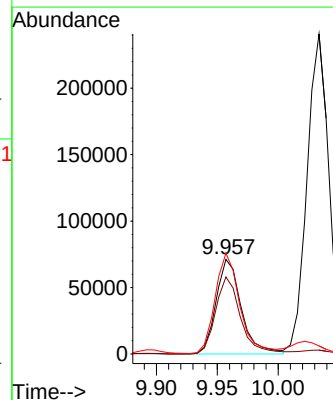
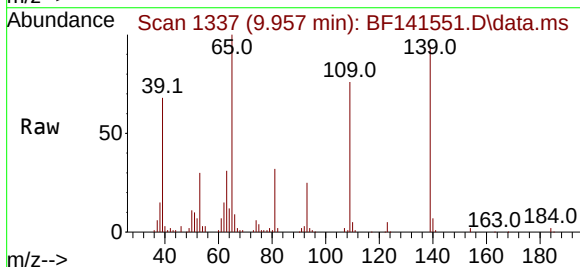
Tgt Ion:139 Resp: 102589

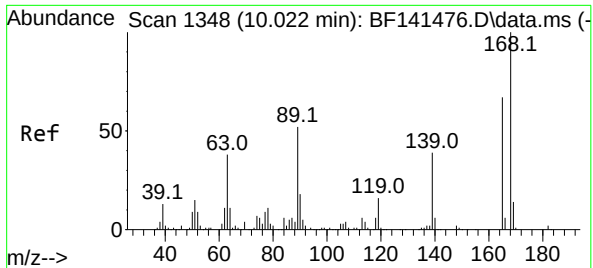
Ion Ratio Lower Upper

139 100

109 81.4 62.0 102.0

65 106.5 91.2 131.2

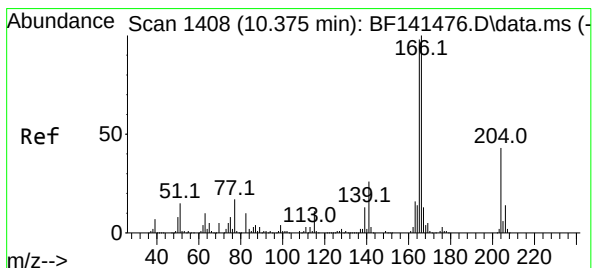
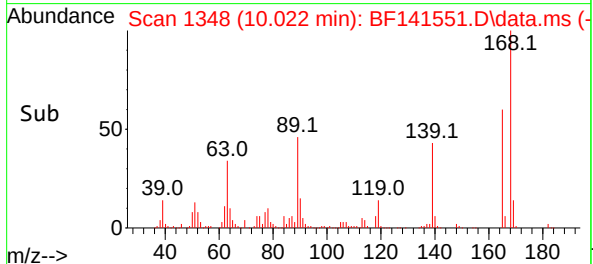
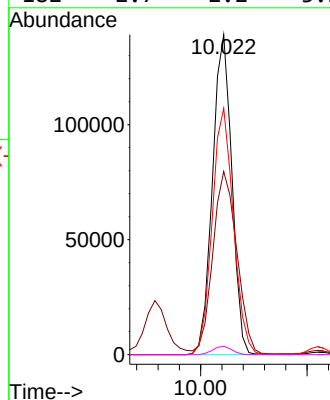
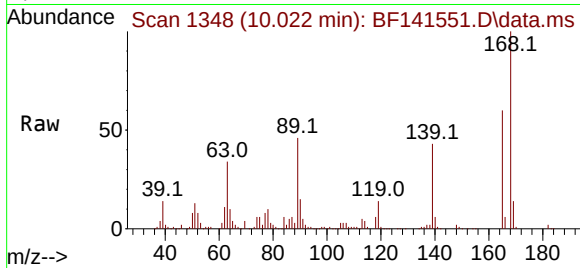




#57
2,4-Dinitrotoluene
Concen: 40.316 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

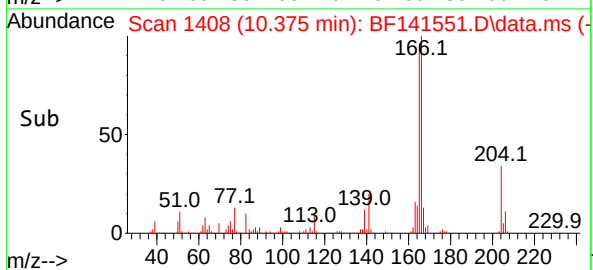
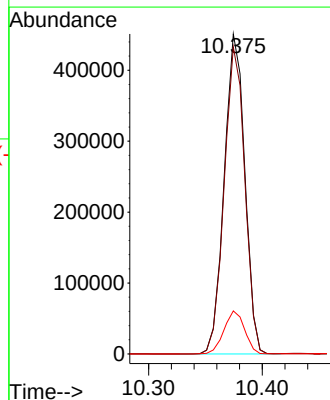
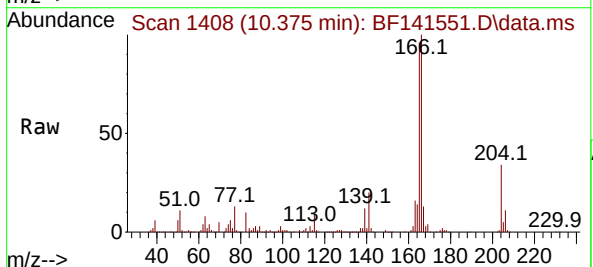
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

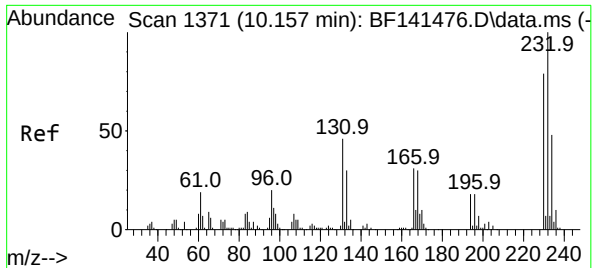
Tgt Ion:165 Resp: 175460
Ion Ratio Lower Upper
165 100
63 57.3 46.4 69.6
89 77.0 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.674 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:166 Resp: 568620
Ion Ratio Lower Upper
166 100
165 95.9 78.2 117.2
167 13.4 10.7 16.1

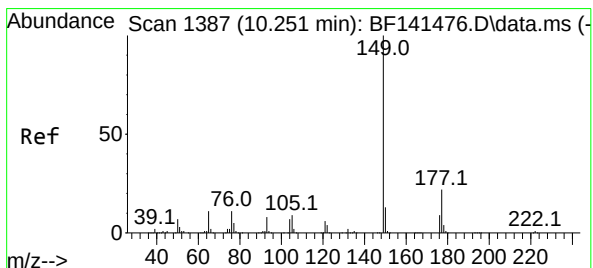
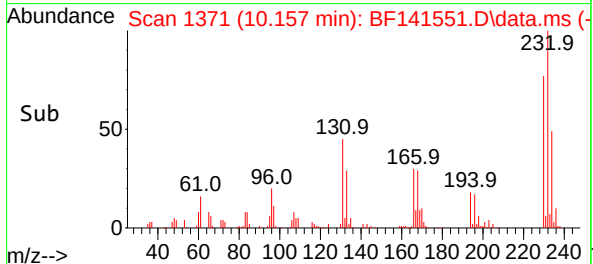
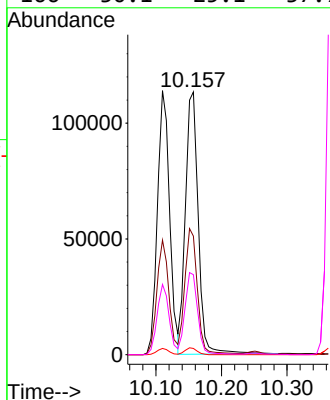
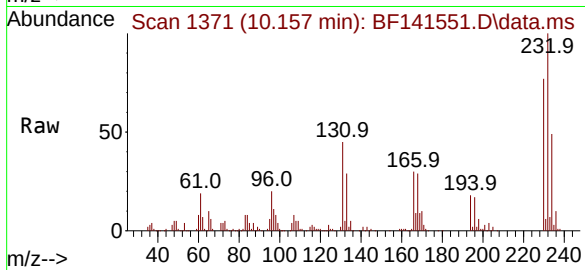




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.919 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

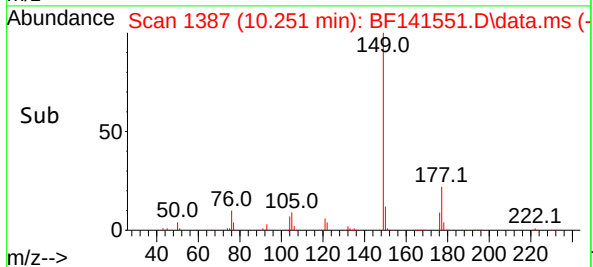
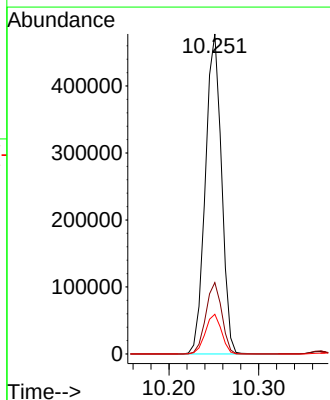
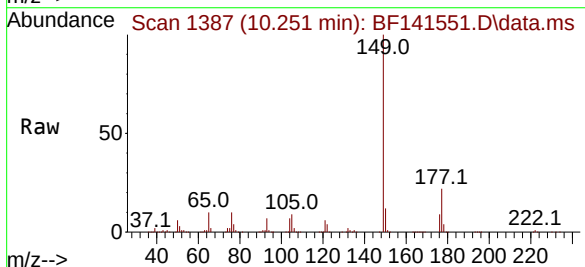
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

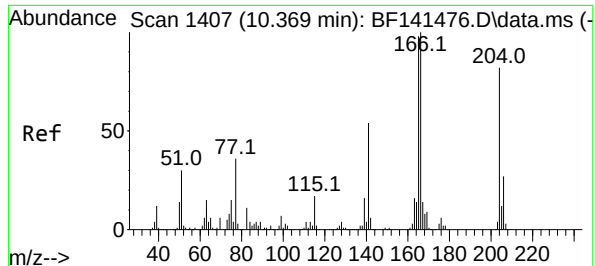
Tgt Ion:232 Resp: 153425
Ion Ratio Lower Upper
232 100
131 46.8 39.2 58.8
130 2.4 2.1 3.1
166 30.1 25.1 37.7



#60
Diethylphthalate
Concen: 40.508 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:149 Resp: 596031
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.4 10.1 15.1

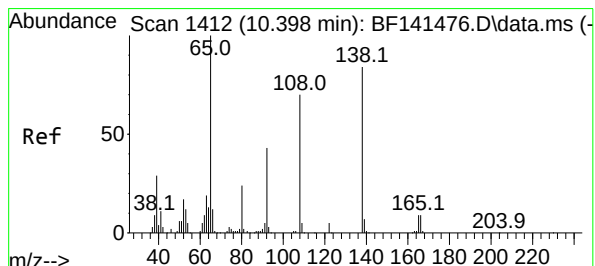
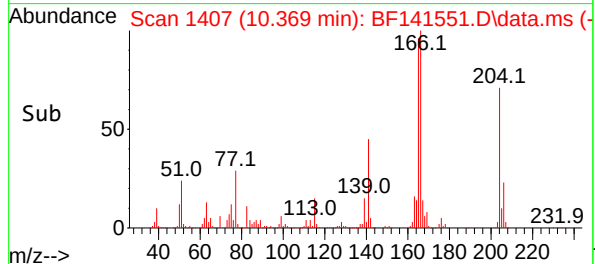
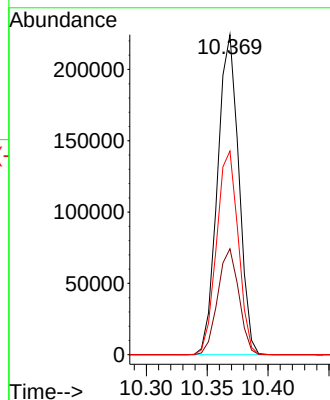
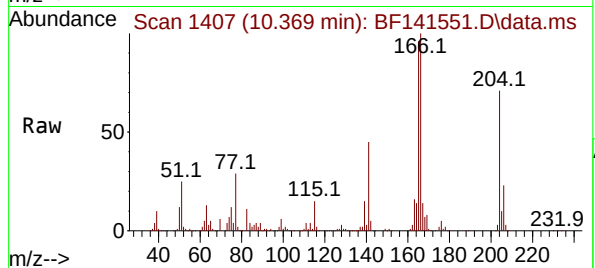




#61
4-Chlorophenyl-phenylether
Concen: 39.647 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

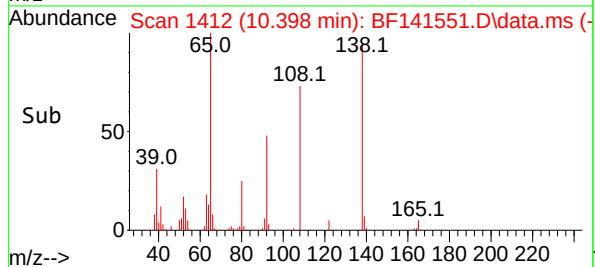
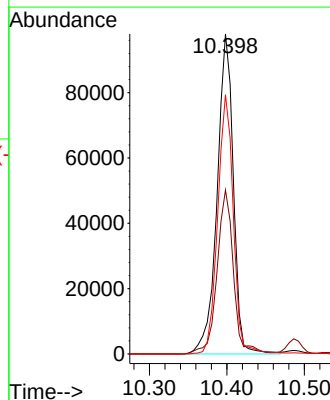
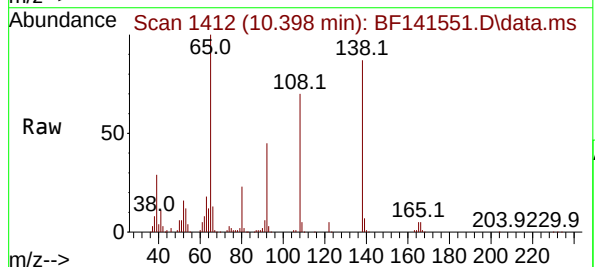
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

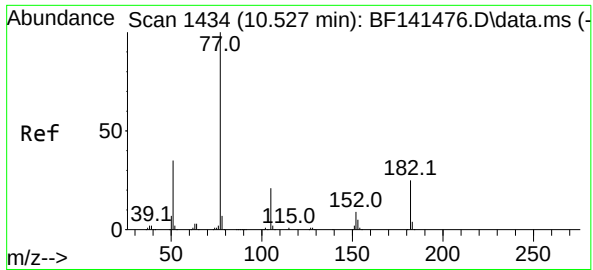
Tgt Ion:204 Resp: 273368
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 63.7 51.9 77.9



#62
4-Nitroaniline
Concen: 39.968 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:138 Resp: 142801
Ion Ratio Lower Upper
138 100
92 51.2 31.3 71.3
108 81.0 63.7 103.7

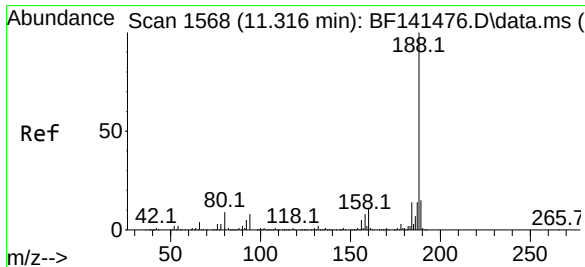
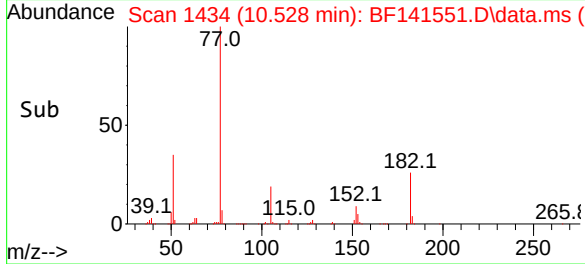
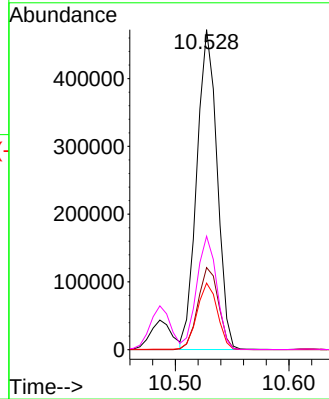
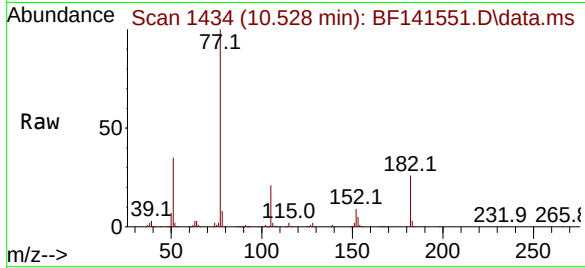




#63
Azobenzene
Concen: 39.907 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

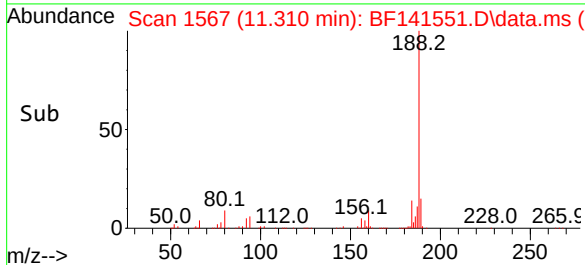
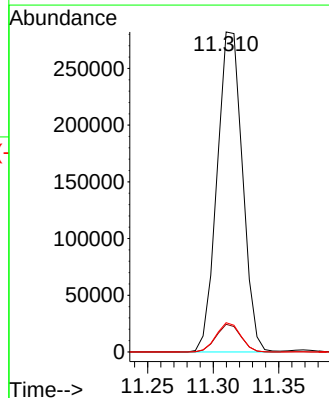
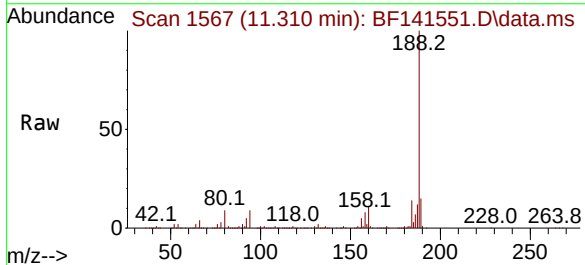
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

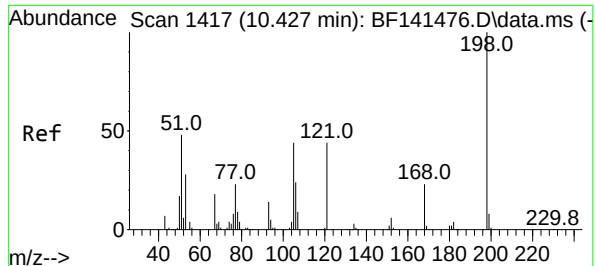
Tgt Ion:	77	Resp:	583738
Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.7	44.7
105	20.8	0.4	40.4
51	35.5	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:	188	Resp:	380364
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.2	7.3	10.9

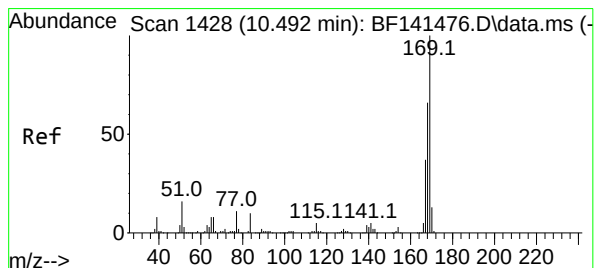
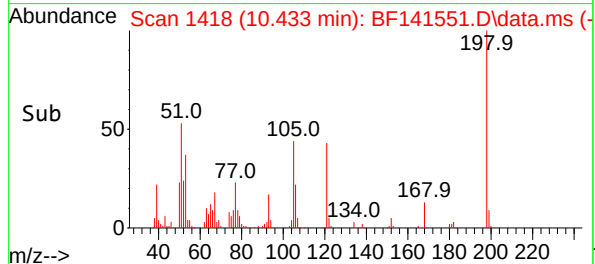
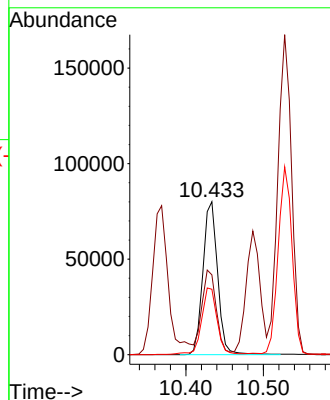
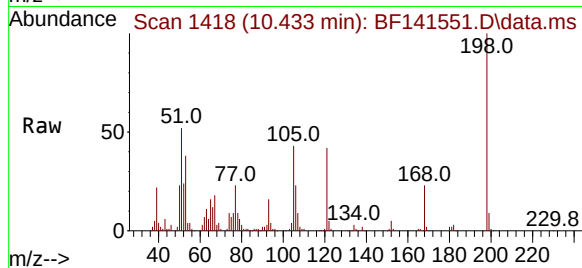




#65
4,6-Dinitro-2-methylphenol
Concen: 39.960 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

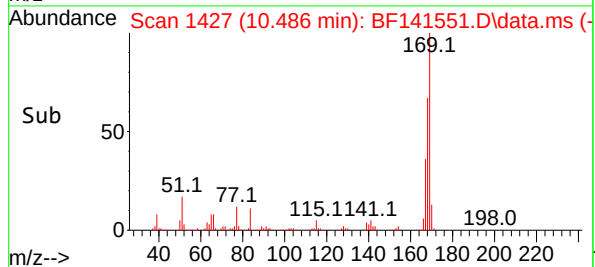
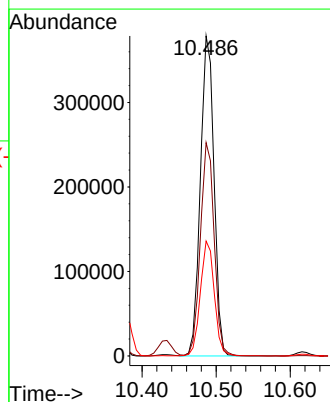
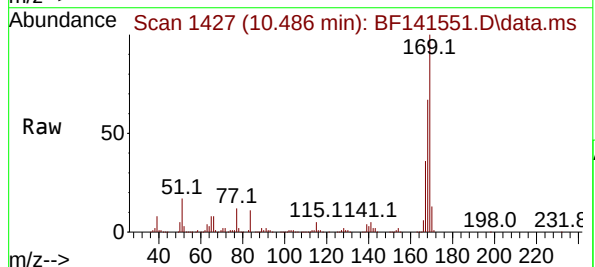
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

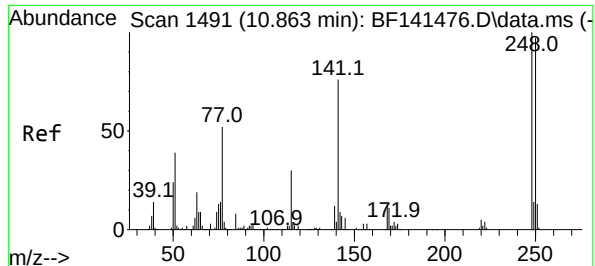
Tgt Ion:198 Resp: 105582
Ion Ratio Lower Upper
198 100
51 52.2 37.4 77.4
105 42.8 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 39.639 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:169 Resp: 482640
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 35.9 29.4 44.2

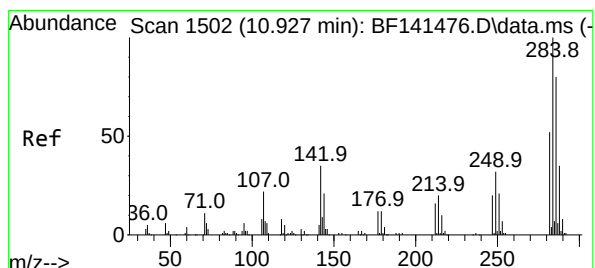
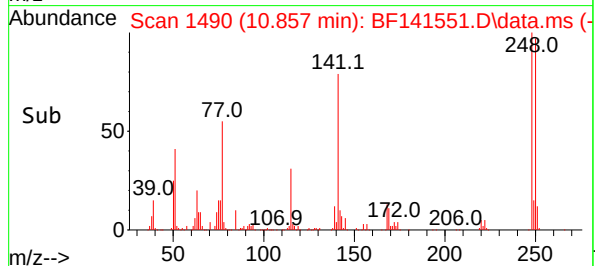
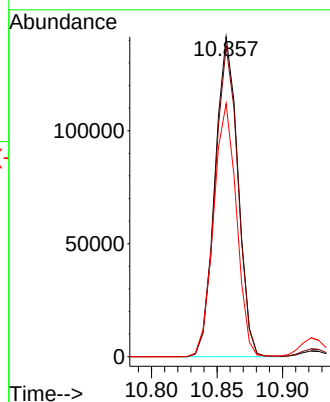
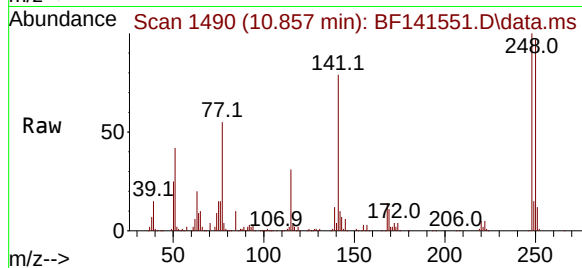




#67
4-Bromophenyl-phenylether
Concen: 40.475 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

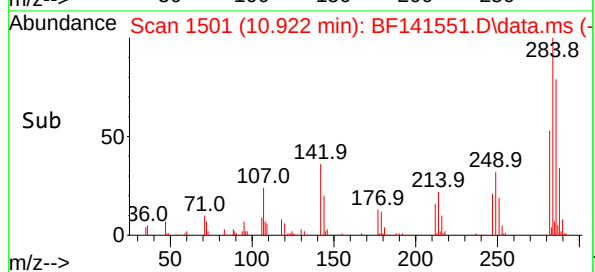
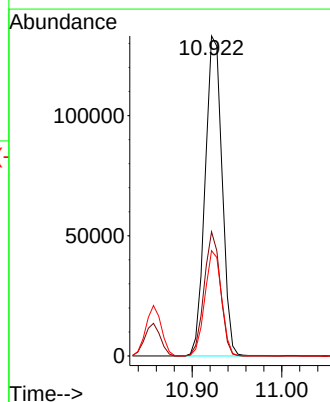
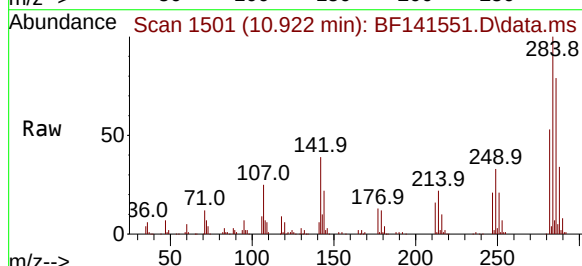
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

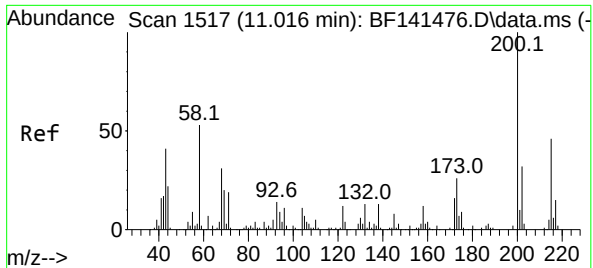
Tgt Ion:248 Resp: 172060
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 79.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 39.915 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:284 Resp: 174724
Ion Ratio Lower Upper
284 100
142 38.8 28.0 42.0
249 32.9 25.8 38.8

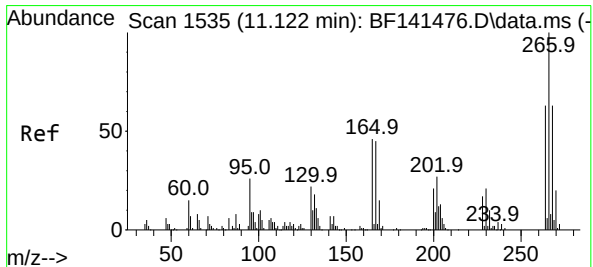
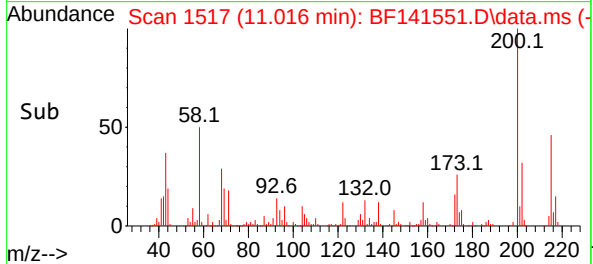
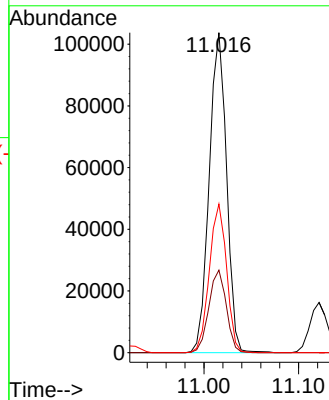
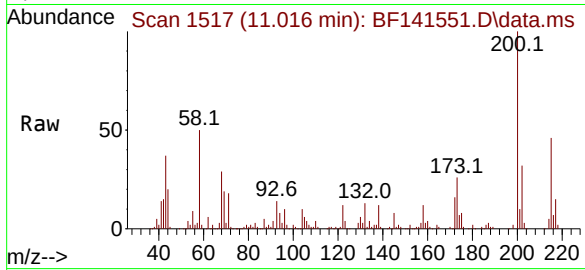




#69
Atrazine
Concen: 36.159 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

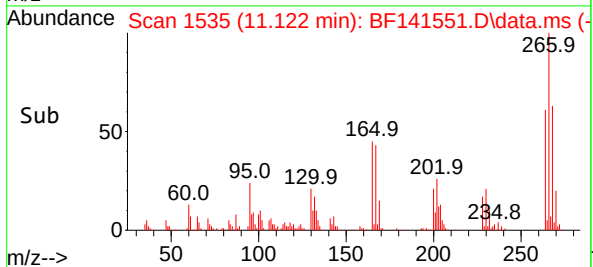
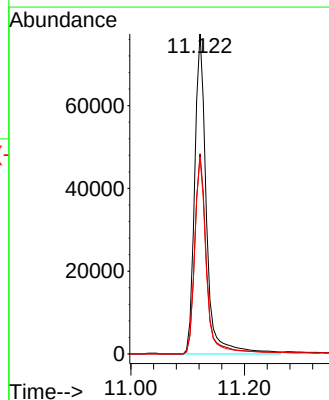
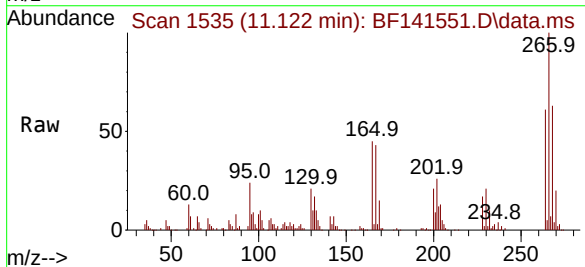
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

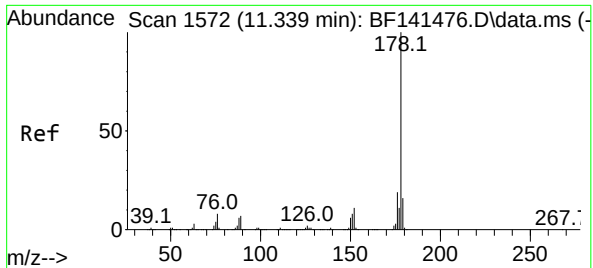
Tgt Ion:200 Resp: 132082
Ion Ratio Lower Upper
200 100
173 25.8 5.9 45.9
215 46.5 25.9 65.9



#70
Pentachlorophenol
Concen: 39.974 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:266 Resp: 111889
Ion Ratio Lower Upper
266 100
268 62.5 50.1 75.1
264 61.5 50.1 75.1

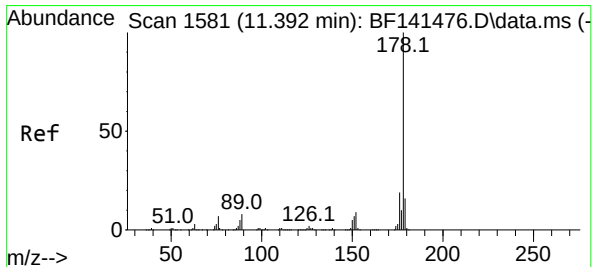
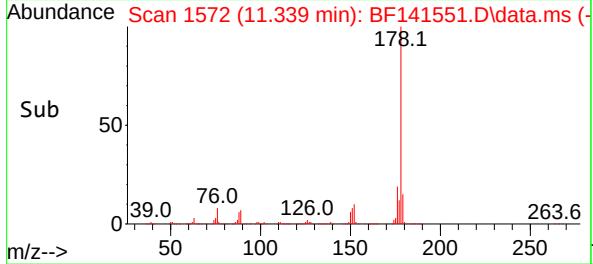
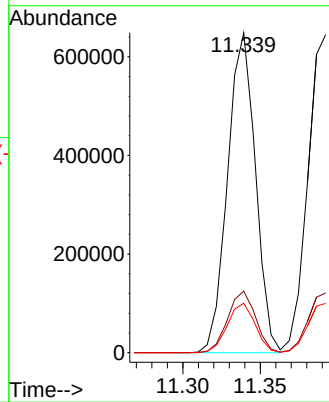
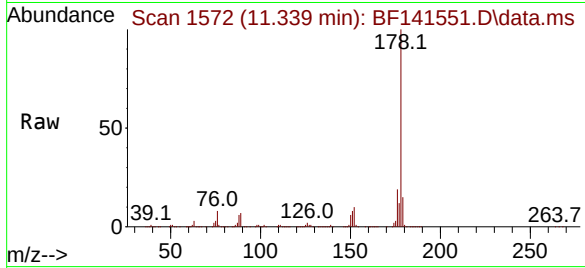




#71
Phenanthrene
Concen: 38.758 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

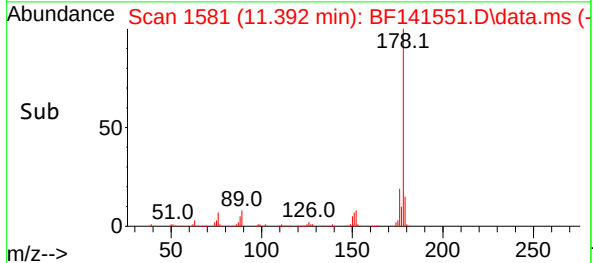
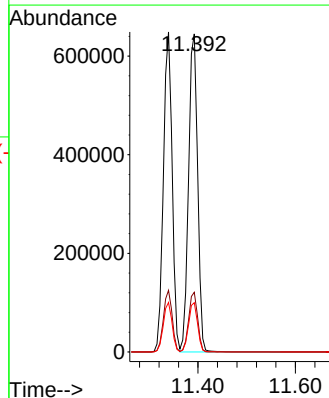
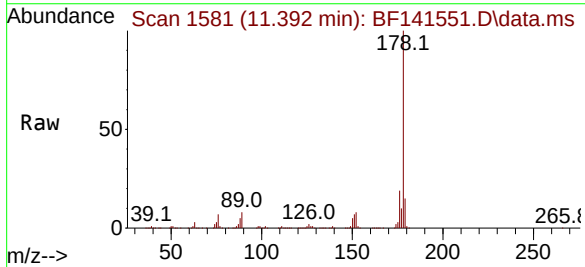
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

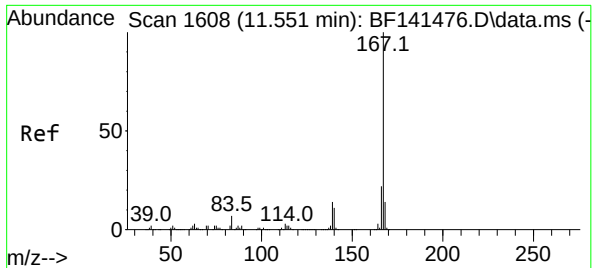
Tgt Ion:178 Resp: 811492
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 39.440 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:178 Resp: 830102
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.4 18.6

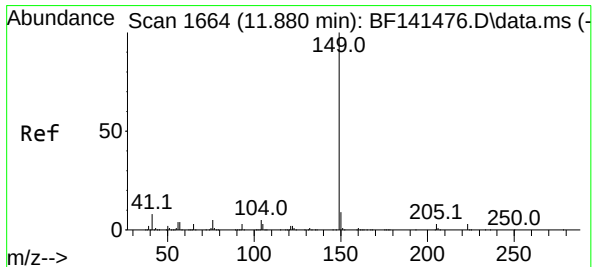
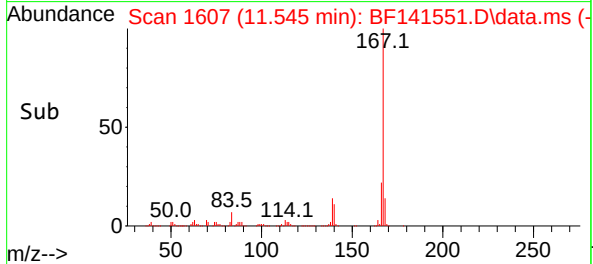
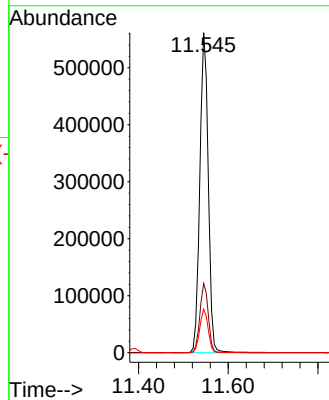
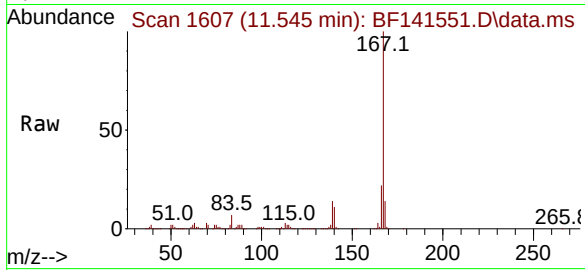




#73
Carbazole
Concen: 38.584 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

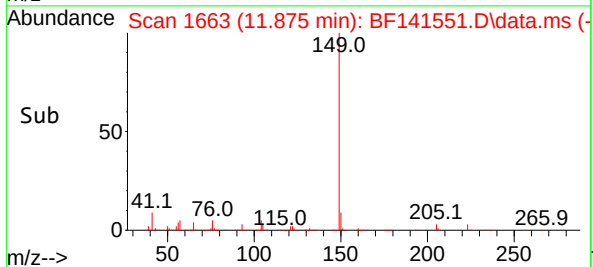
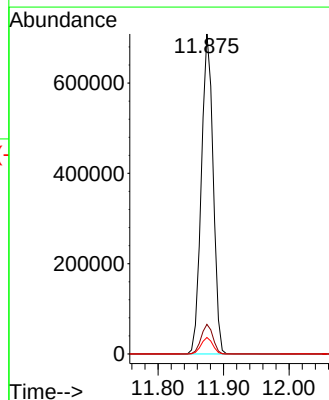
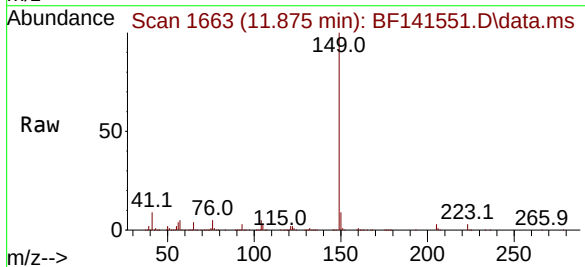
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

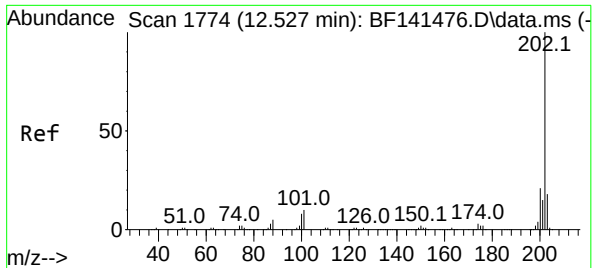
Tgt Ion:167 Resp: 730698
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.2
139 13.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 40.683 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:149 Resp: 889622
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.1 4.2 6.2

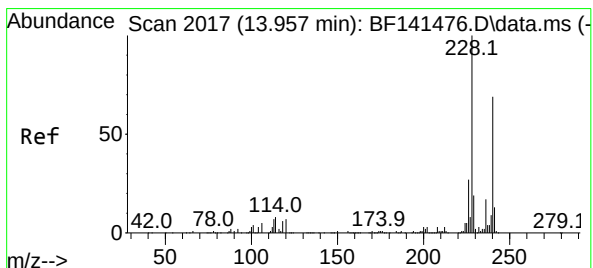
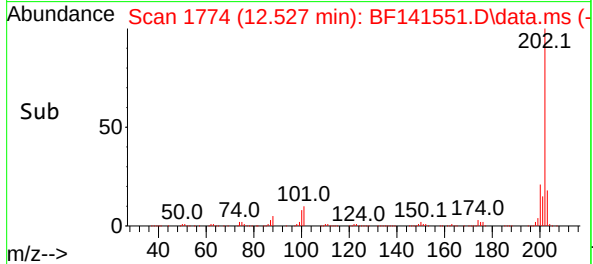
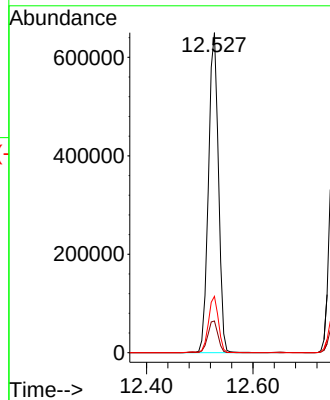
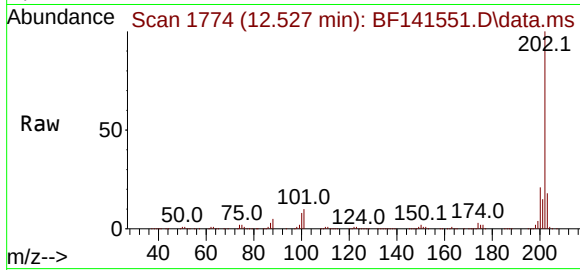




#75
Fluoranthene
Concen: 38.119 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

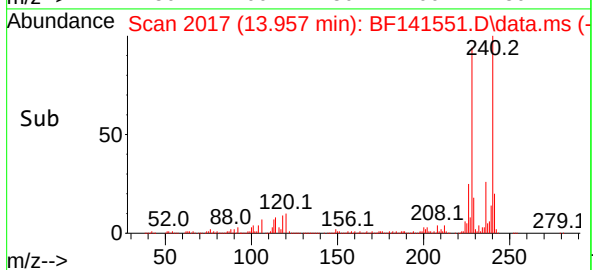
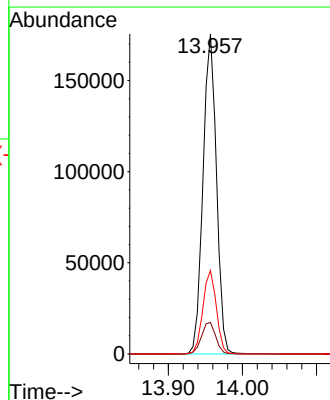
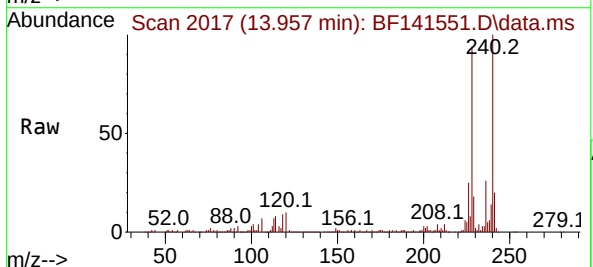
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

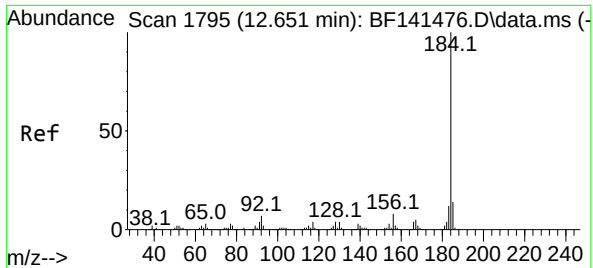
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.2
203	17.6	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.0	12.0
236	26.1	19.8	29.8

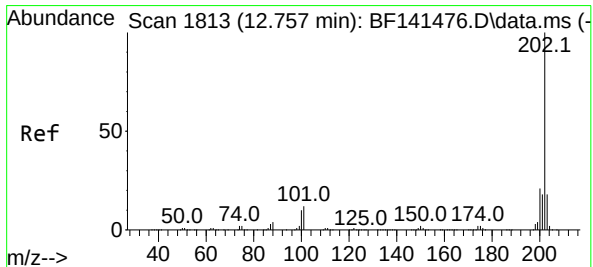
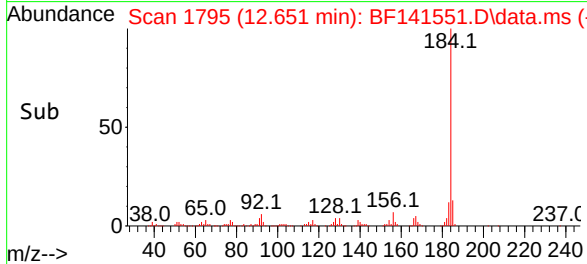
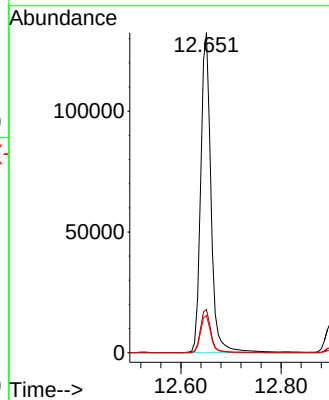
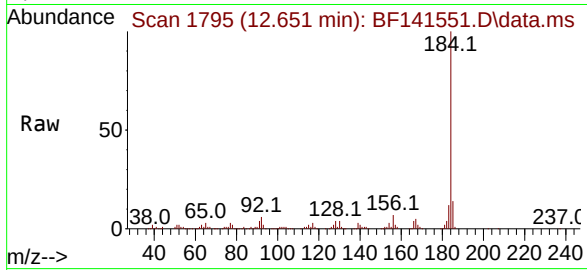




#77
Benzidine
Concen: 38.458 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

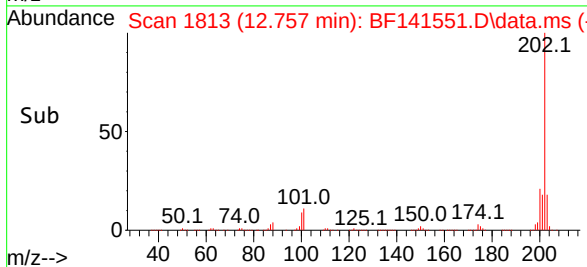
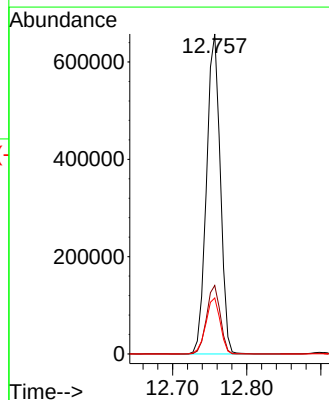
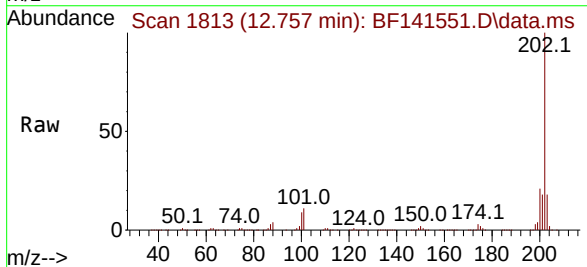
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

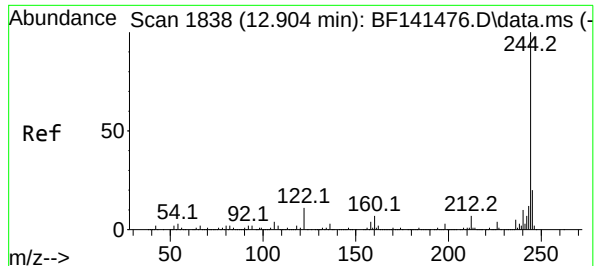
Tgt Ion:184 Resp: 187856
Ion Ratio Lower Upper
184 100
185 13.5 11.3 16.9
183 11.6 9.3 13.9



#78
Pyrene
Concen: 44.958 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:202 Resp: 847654
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 89.840 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

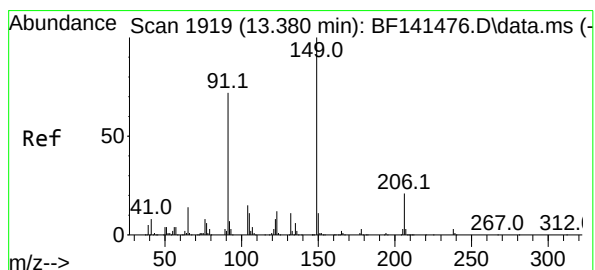
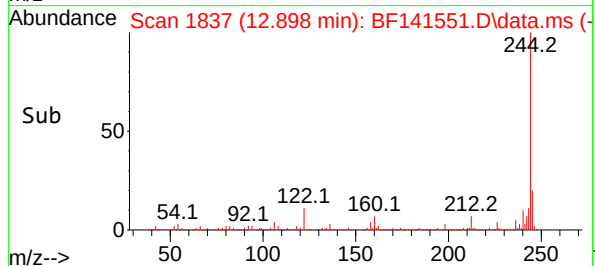
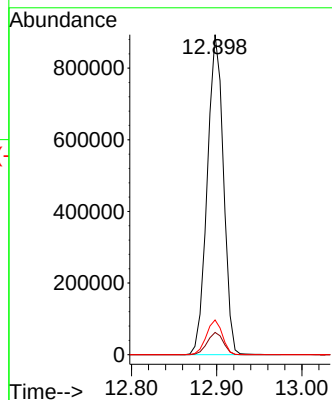
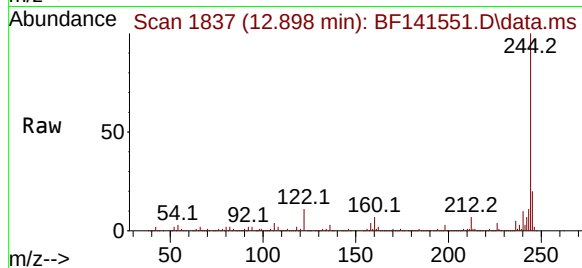
Tgt Ion:244 Resp: 1178679

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.8 8.4 12.6



#80

Butylbenzylphthalate

Concen: 44.364 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

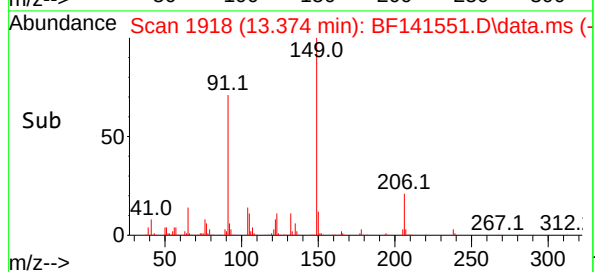
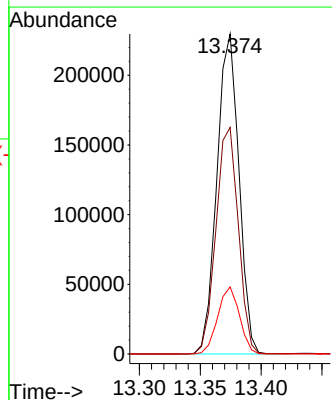
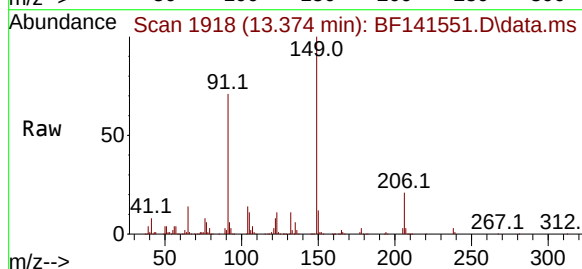
Tgt Ion:149 Resp: 289726

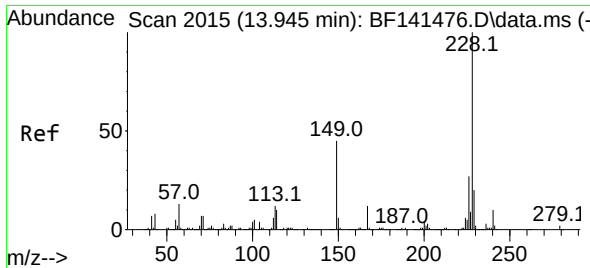
Ion Ratio Lower Upper

149 100

91 70.8 57.8 86.8

206 21.0 16.7 25.1

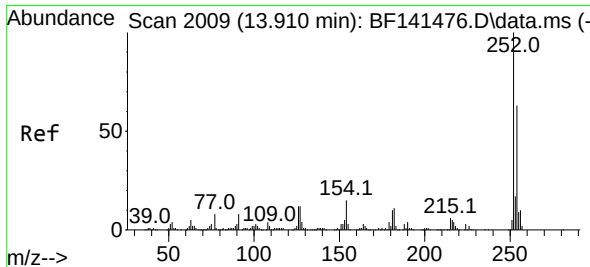
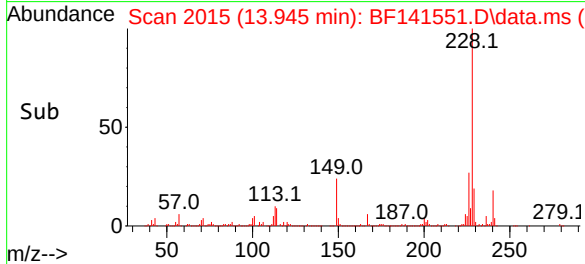
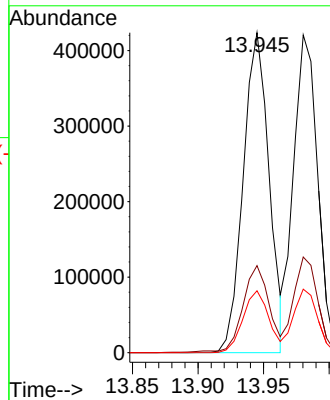
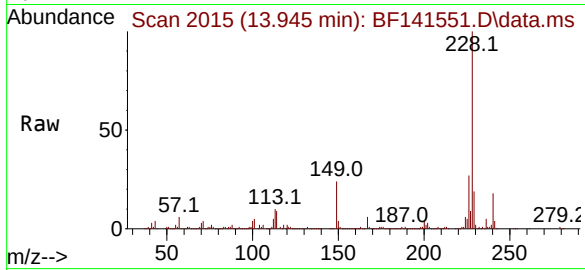




#81
Benzo(a)anthracene
Concen: 39.517 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

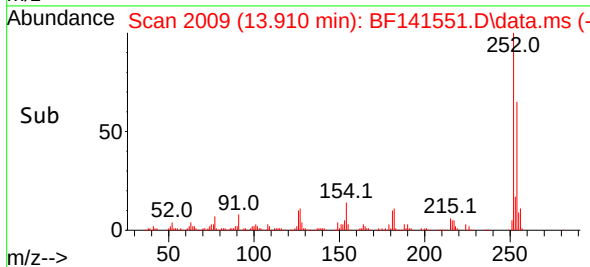
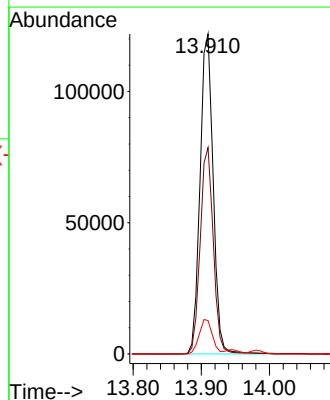
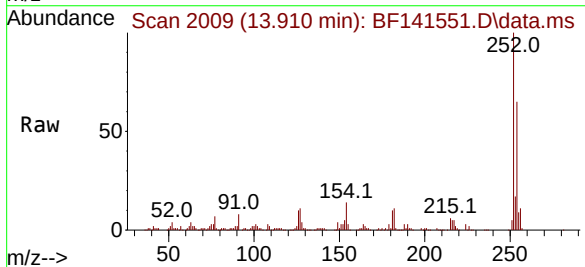
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

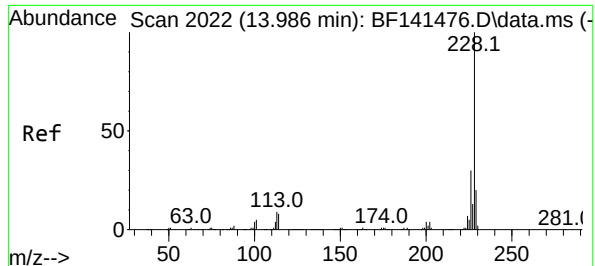
Tgt Ion:228 Resp: 581807
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.611 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:252 Resp: 162839
Ion Ratio Lower Upper
252 100
254 64.5 50.6 76.0
126 10.5 9.3 13.9





#83

Chrysene

Concen: 39.623 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

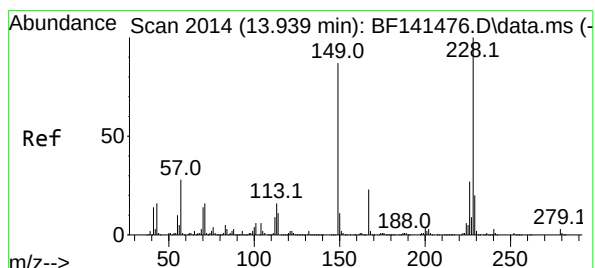
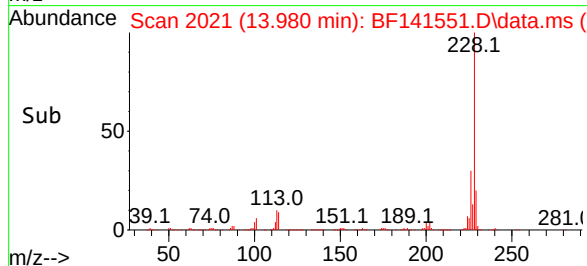
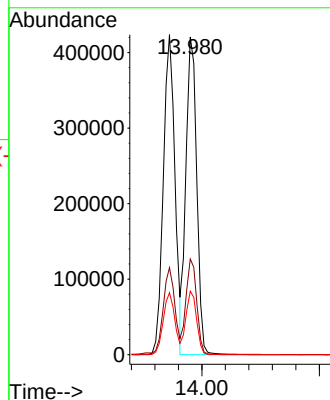
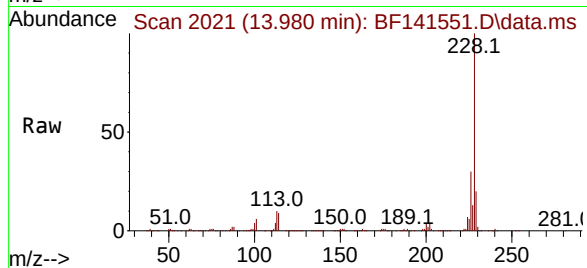
Tgt Ion:228 Resp: 538648

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.551 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

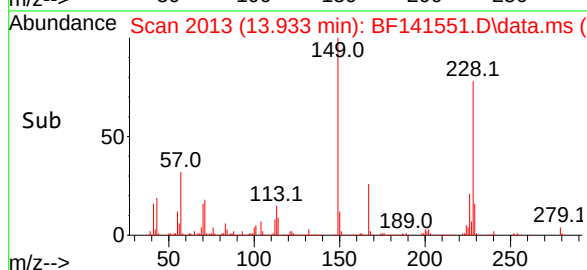
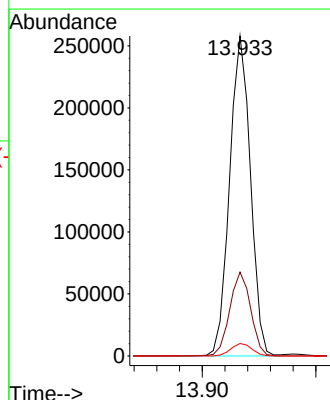
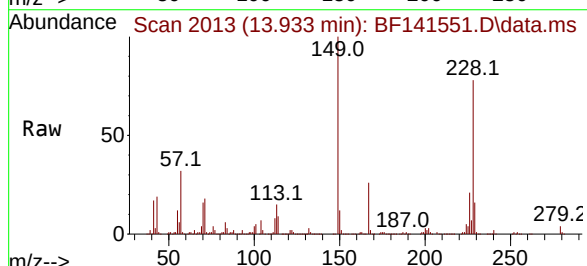
Tgt Ion:149 Resp: 328143

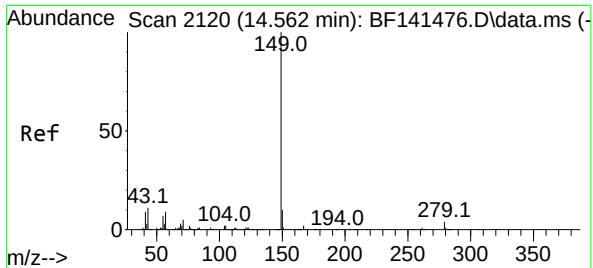
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.0

279 3.9 3.1 4.7

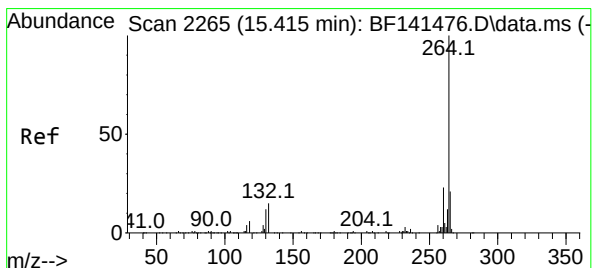
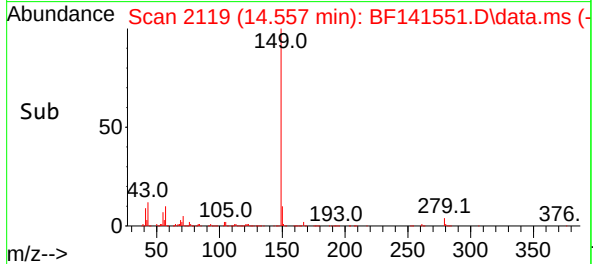
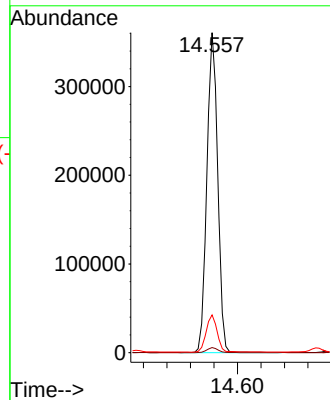
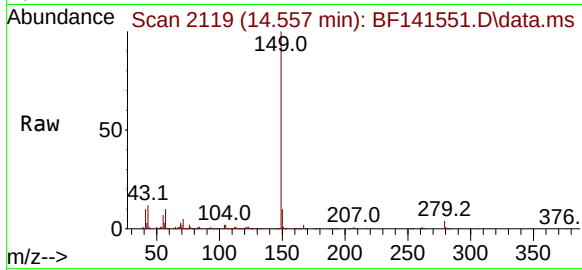




#85
Di-n-octyl phthalate
Concen: 43.848 ng
RT: 14.557 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

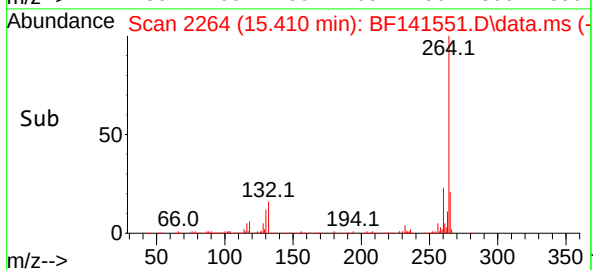
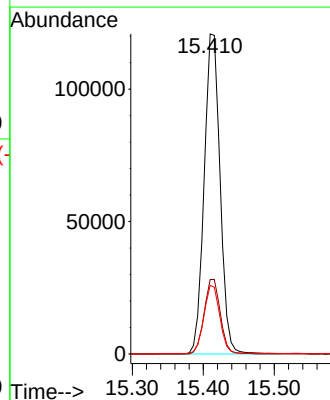
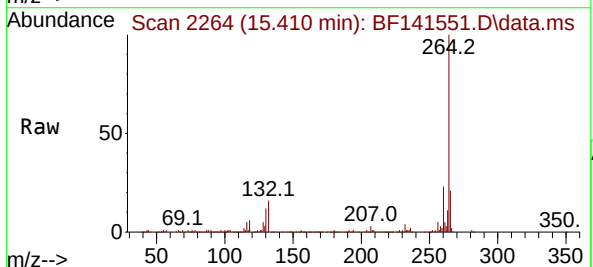
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

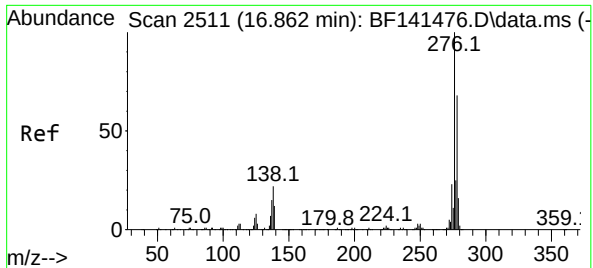
Tgt Ion:149 Resp: 460738
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:264 Resp: 189149
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.910 ng

RT: 16.857 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

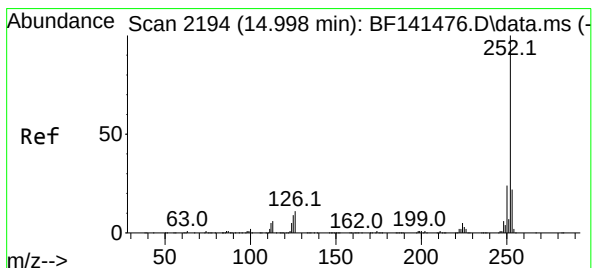
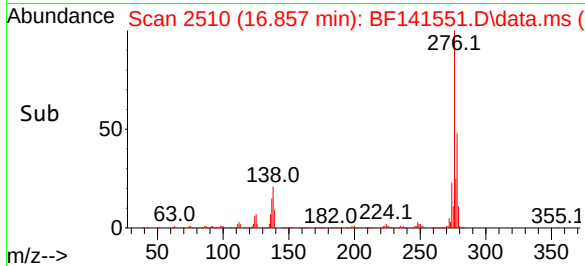
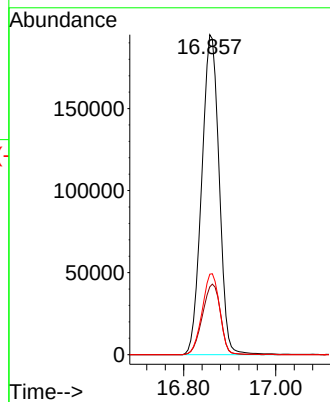
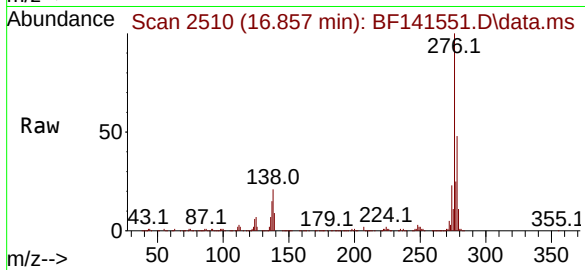
Tgt Ion:276 Resp: 513192

Ion Ratio Lower Upper

276 100

138 22.8 18.0 27.0

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.131 ng

RT: 14.992 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

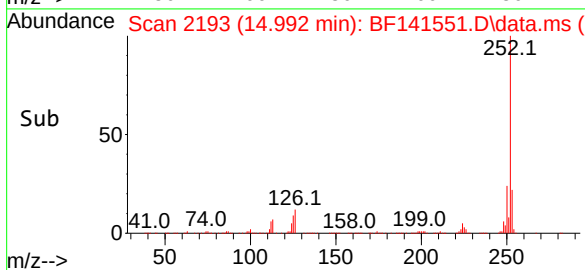
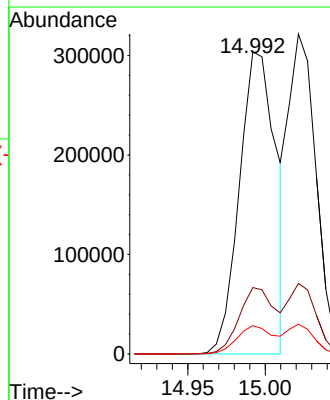
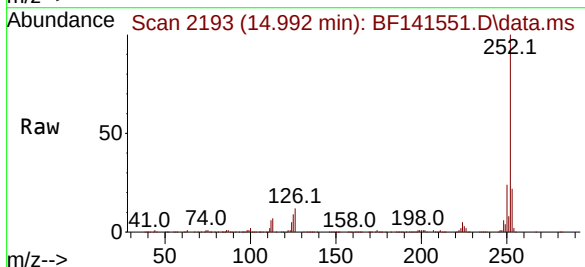
Tgt Ion:252 Resp: 496986

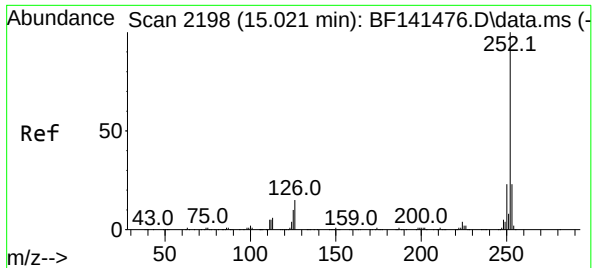
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 37.036 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

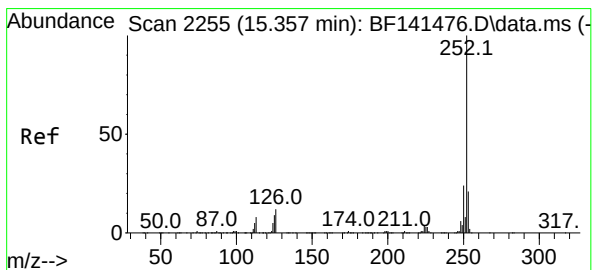
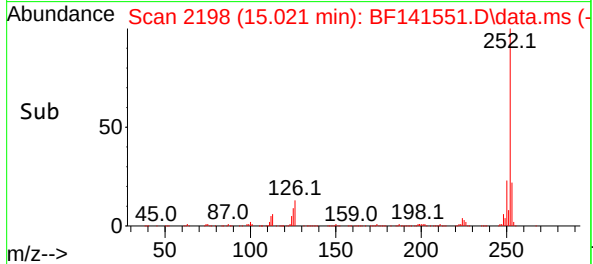
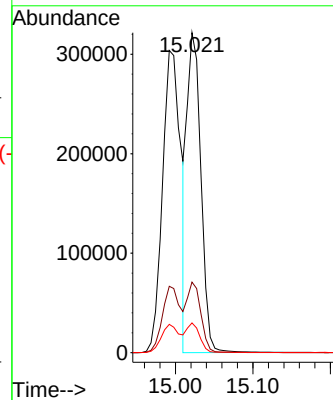
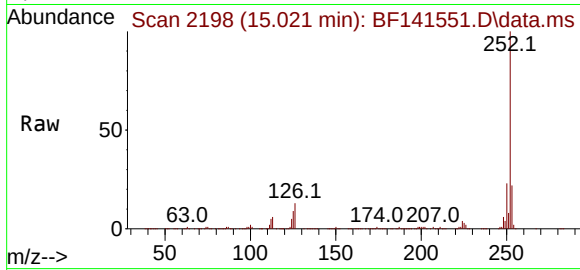
Tgt Ion:252 Resp: 401654

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 9.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.215 ng

RT: 15.351 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF141551.D

Acq: 11 Feb 2025 10:28

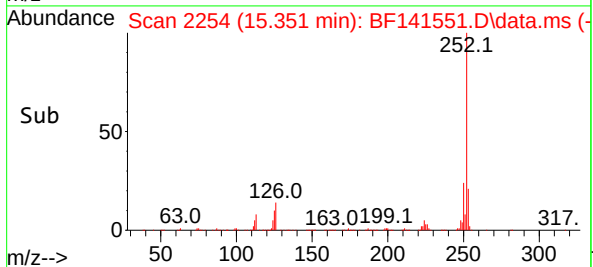
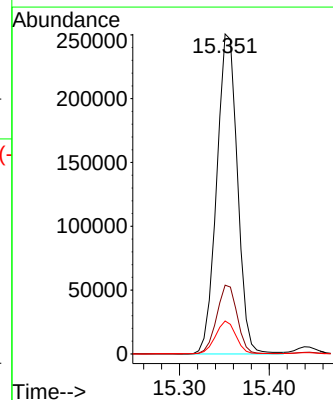
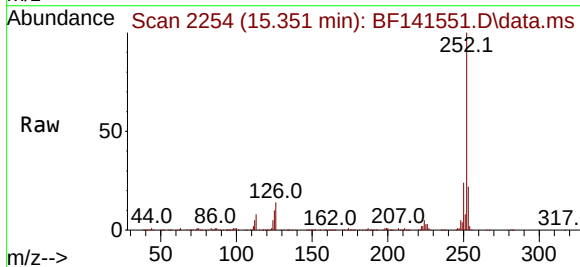
Tgt Ion:252 Resp: 403008

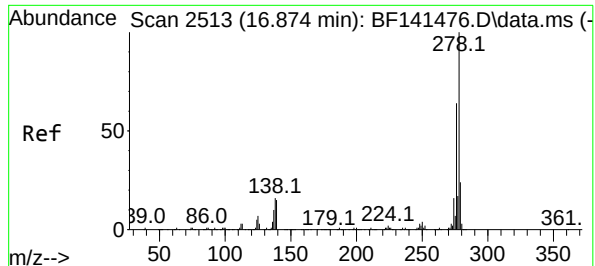
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 10.3 7.4 11.2

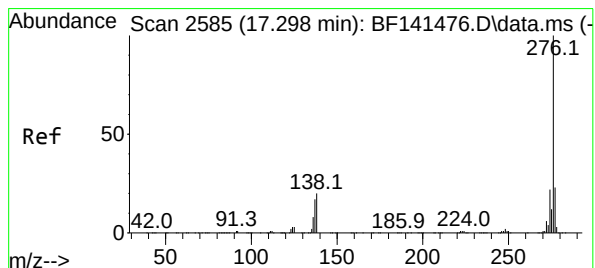
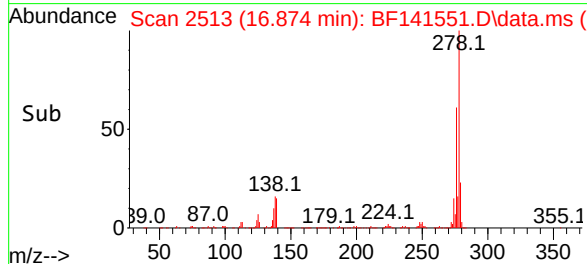
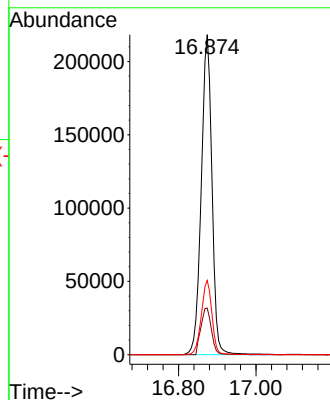
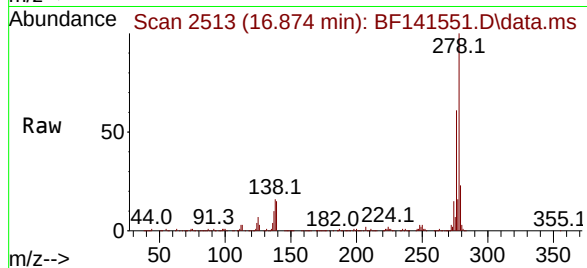




#91
Dibenzo(a,h)anthracene
Concen: 44.174 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.017 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

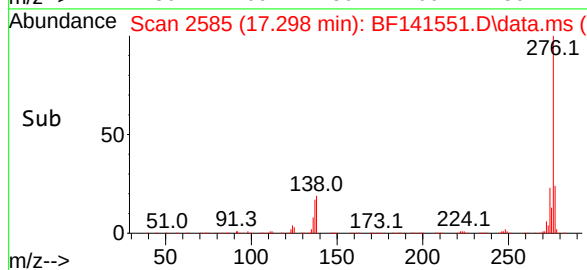
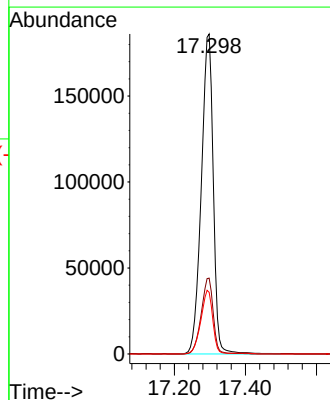
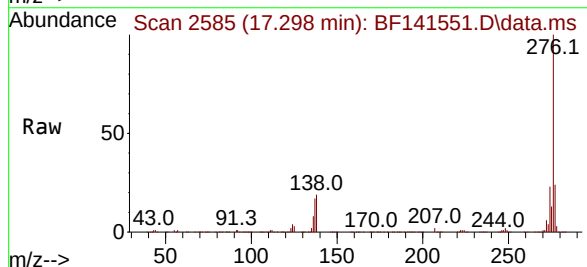
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 418333
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.6
279 23.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.116 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.017 min
Lab File: BF141551.D
Acq: 11 Feb 2025 10:28

Tgt Ion:276 Resp: 437196
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 19.3 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141551.D
 Acq On : 11 Feb 2025 10:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	113	0.00
2	1,4-Dioxane	0.513	0.499	2.7	109	0.00
3	Pyridine	1.222	1.225	-0.2	110	0.00
4	n-Nitrosodimethylamine	0.809	0.779	3.7	108	-0.02
5 S	2-Fluorophenol	1.276	1.265	0.9	111	0.00
6	Aniline	1.513	1.497	1.1	110	-0.01
7 S	Phenol-d6	1.612	1.593	1.2	112	0.00
8	2-Chlorophenol	1.378	1.375	0.2	113	0.00
9	Benzaldehyde	0.857	0.753	12.1	104	0.00
10 C	Phenol	1.678	1.648	1.8	111	-0.01
11	bis(2-Chloroethyl)ether	1.261	1.246	1.2	111	0.00
12	1,3-Dichlorobenzene	1.455	1.456	-0.1	115	0.00
13 C	1,4-Dichlorobenzene	1.487	1.468	1.3	113	0.00
14	1,2-Dichlorobenzene	1.380	1.367	0.9	113	0.00
15	Benzyl Alcohol	1.236	1.229	0.6	110	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.126	1.5	111	0.00
17	2-Methylphenol	1.079	1.043	3.3	110	0.00
18	Hexachloroethane	0.550	0.547	0.5	112	0.00
19 P	n-Nitroso-di-n-propylamine	0.964	0.956	0.8	112	0.00
20	3+4-Methylphenols	1.371	1.332	2.8	110	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	114	0.00
22	Acetophenone	0.498	0.484	2.8	111	0.00
23 S	Nitrobenzene-d5	0.383	0.379	1.0	112	0.00
24	Nitrobenzene	0.374	0.368	1.6	112	0.00
25	Isophorone	0.611	0.609	0.3	113	0.00
26 C	2-Nitrophenol	0.186	0.189	-1.6	112	0.00
27	2,4-Dimethylphenol	0.217	0.221	-1.8	113	0.00
28	bis(2-Chloroethoxy)methane	0.392	0.398	-1.5	115	0.00
29 C	2,4-Dichlorophenol	0.294	0.295	-0.3	113	0.00
30	1,2,4-Trichlorobenzene	0.320	0.319	0.3	114	0.00
31	Naphthalene	1.041	1.028	1.2	113	0.00
32	Benzoic acid	0.226	0.215	4.9	107	-0.03
33	4-Chloroaniline	0.363	0.326	10.2	102	-0.01
34 C	Hexachlorobutadiene	0.192	0.193	-0.5	114	0.00
35	Caprolactam	0.089	0.091	-2.2	112	-0.02
36 C	4-Chloro-3-methylphenol	0.325	0.324	0.3	112	0.00
37	2-Methylnaphthalene	0.677	0.671	0.9	114	0.00
38	1-Methylnaphthalene	0.656	0.643	2.0	111	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.579	0.575	0.7	112	0.00
41 P	Hexachlorocyclopentadiene	0.192	0.181	5.7	101	0.00
42 S	2,4,6-Tribromophenol	0.201	0.201	0.0	114	-0.01
43 C	2,4,6-Trichlorophenol	0.374	0.373	0.3	113	0.00
44	2,4,5-Trichlorophenol	0.405	0.401	1.0	111	0.00
45 S	2-Fluorobiphenyl	1.298	1.271	2.1	114	0.00
46	1,1'-Biphenyl	1.551	1.544	0.5	114	0.00
47	2-Chloronaphthalene	1.147	1.123	2.1	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141551.D
 Acq On : 11 Feb 2025 10:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	0.385	0.372	3.4	109	0.00
49	Acenaphthylene	1.705	1.686	1.1	113	0.00
50	Dimethylphthalate	1.358	1.360	-0.1	115	-0.01
51	2,6-Dinitrotoluene	0.297	0.295	0.7	112	0.00
52 C	Acenaphthene	1.147	1.121	2.3	111	0.00
53	3-Nitroaniline	0.319	0.310	2.8	111	0.00
54 P	2,4-Dinitrophenol	0.176	0.181	-2.8	116	0.00
55	Dibenzofuran	1.683	1.653	1.8	113	0.00
56 P	4-Nitrophenol	0.237	0.233	1.7	106	-0.01
57	2,4-Dinitrotoluene	0.395	0.398	-0.8	114	0.00
58	Fluorene	1.301	1.291	0.8	114	0.00
59	2,3,4,6-Tetrachlorophenol	0.349	0.348	0.3	114	0.00
60	Diethylphthalate	1.336	1.353	-1.3	116	0.00
61	4-Chlorophenyl-phenylether	0.626	0.620	1.0	114	0.00
62	4-Nitroaniline	0.324	0.324	0.0	110	-0.02
63	Azobenzene	1.328	1.325	0.2	114	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	113	0.00
65	4,6-Dinitro-2-methylphenol	0.139	0.139	0.0	111	0.00
66 c	n-Nitrosodiphenylamine	0.640	0.634	0.9	114	-0.01
67	4-Bromophenyl-phenylether	0.224	0.226	-0.9	116	0.00
68	Hexachlorobenzene	0.230	0.230	0.0	114	0.00
69	Atrazine	0.192	0.174	9.4	106	0.00
70 C	Pentachlorophenol	0.147	0.147	0.0	108	0.00
71	Phenanthrene	1.101	1.067	3.1	111	0.00
72	Anthracene	1.107	1.091	1.4	114	0.00
73	Carbazole	0.996	0.961	3.5	110	0.00
74	Di-n-butylphthalate	1.150	1.169	-1.7	116	0.00
75 C	Fluoranthene	1.167	1.112	4.7	109	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	98	0.00
77	Benzidine	0.441	0.424	3.9	79	0.00
78	Pyrene	1.703	1.914	-12.4	108	0.00
79 S	Terphenyl-d14	1.185	1.330	-12.2	109	0.00
80	Butylbenzylphthalate	0.590	0.654	-10.8	105	0.00
81	Benzo(a)anthracene	1.329	1.313	1.2	96	0.00
82	3,3'-Dichlorobenzidine	0.381	0.368	3.4	96	0.00
83	Chrysene	1.228	1.216	1.0	99	-0.01
84	Bis(2-ethylhexyl)phthalate	0.665	0.741	-11.4	106	0.00
85 c	Di-n-octyl phthalate	0.949	1.040	-9.6	106	0.00
86 I	Perylene-d12	1.000	1.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	1.236	1.357	-9.8	109	-0.02
88	Benzo(b)fluoranthene	1.343	1.314	2.2	102	-0.01
89	Benzo(k)fluoranthene	1.147	1.062	7.4	96	-0.01
90 C	Benzo(a)pyrene	1.087	1.065	2.0	102	-0.01
91	Dibenzo(a,h)anthracene	1.001	1.106	-10.5	109	-0.02
92	Benzo(g,h,i)perylene	1.048	1.156	-10.3	109	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141551.D
Acq On : 11 Feb 2025 10:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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\BF021125\
 Data File : BF141551.D
 Acq On : 11 Feb 2025 10:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	113	0.00
2	1,4-Dioxane	40.000	38.862	2.8	109	0.00
3	Pyridine	40.000	40.110	-0.3	110	0.00
4	n-Nitrosodimethylamine	40.000	38.528	3.7	108	-0.02
5 S	2-Fluorophenol	80.000	79.356	0.8	111	0.00
6	Aniline	40.000	39.588	1.0	110	-0.01
7 S	Phenol-d6	80.000	79.040	1.2	112	0.00
8	2-Chlorophenol	40.000	39.889	0.3	113	0.00
9	Benzaldehyde	40.000	35.155	12.1	104	0.00
10 C	Phenol	40.000	39.274	1.8	111	-0.01
11	bis(2-Chloroethyl)ether	40.000	39.527	1.2	111	0.00
12	1,3-Dichlorobenzene	40.000	40.029	-0.1	115	0.00
13 C	1,4-Dichlorobenzene	40.000	39.495	1.3	113	0.00
14	1,2-Dichlorobenzene	40.000	39.630	0.9	113	0.00
15	Benzyl Alcohol	40.000	39.763	0.6	110	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.413	1.5	111	0.00
17	2-Methylphenol	40.000	38.662	3.3	110	0.00
18	Hexachloroethane	40.000	39.762	0.6	112	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.642	0.9	112	0.00
20	3+4-Methylphenols	40.000	38.863	2.8	110	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	114	0.00
22	Acetophenone	40.000	38.884	2.8	111	0.00
23 S	Nitrobenzene-d5	80.000	79.150	1.1	112	0.00
24	Nitrobenzene	40.000	39.421	1.4	112	0.00
25	Isophorone	40.000	39.870	0.3	113	0.00
26 C	2-Nitrophenol	40.000	40.688	-1.7	112	0.00
27	2,4-Dimethylphenol	40.000	40.742	-1.9	113	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.602	-1.5	115	0.00
29 C	2,4-Dichlorophenol	40.000	40.207	-0.5	113	0.00
30	1,2,4-Trichlorobenzene	40.000	39.881	0.3	114	0.00
31	Naphthalene	40.000	39.496	1.3	113	0.00
32	Benzoic acid	40.000	38.109	4.7	107	-0.03
33	4-Chloroaniline	40.000	35.922	10.2	102	-0.01
34 C	Hexachlorobutadiene	40.000	40.212	-0.5	114	0.00
35	Caprolactam	40.000	40.821	-2.1	112	-0.02
36 C	4-Chloro-3-methylphenol	40.000	39.838	0.4	112	0.00
37	2-Methylnaphthalene	40.000	39.589	1.0	114	0.00
38	1-Methylnaphthalene	40.000	39.172	2.1	111	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.721	0.7	112	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.607	6.0	101	0.00
42 S	2,4,6-Tribromophenol	80.000	79.892	0.1	114	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.916	0.2	113	0.00
44	2,4,5-Trichlorophenol	40.000	39.574	1.1	111	0.00
45 S	2-Fluorobiphenyl	80.000	78.338	2.1	114	0.00
46	1,1'-Biphenyl	40.000	39.828	0.4	114	0.00
47	2-Chloronaphthalene	40.000	39.175	2.1	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141551.D
 Acq On : 11 Feb 2025 10:28
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	38.652	3.4	109	0.00
49	Acenaphthylene	40.000	39.549	1.1	113	0.00
50	Dimethylphthalate	40.000	40.052	-0.1	115	-0.01
51	2,6-Dinitrotoluene	40.000	39.707	0.7	112	0.00
52 C	Acenaphthene	40.000	39.125	2.2	111	0.00
53	3-Nitroaniline	40.000	38.855	2.9	111	0.00
54 P	2,4-Dinitrophenol	40.000	41.042	-2.6	116	0.00
55	Dibenzofuran	40.000	39.291	1.8	113	0.00
56 P	4-Nitrophenol	40.000	39.275	1.8	106	-0.01
57	2,4-Dinitrotoluene	40.000	40.316	-0.8	114	0.00
58	Fluorene	40.000	39.674	0.8	114	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.919	0.2	114	0.00
60	Diethylphthalate	40.000	40.508	-1.3	116	0.00
61	4-Chlorophenyl-phenylether	40.000	39.647	0.9	114	0.00
62	4-Nitroaniline	40.000	39.968	0.1	110	-0.02
63	Azobenzene	40.000	39.907	0.2	114	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	113	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.960	0.1	111	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.639	0.9	114	-0.01
67	4-Bromophenyl-phenylether	40.000	40.475	-1.2	116	0.00
68	Hexachlorobenzene	40.000	39.915	0.2	114	0.00
69	Atrazine	40.000	36.159	9.6	106	0.00
70 C	Pentachlorophenol	40.000	39.974	0.1	108	0.00
71	Phenanthrene	40.000	38.758	3.1	111	0.00
72	Anthracene	40.000	39.440	1.4	114	0.00
73	Carbazole	40.000	38.584	3.5	110	0.00
74	Di-n-butylphthalate	40.000	40.683	-1.7	116	0.00
75 C	Fluoranthene	40.000	38.119	4.7	109	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	98	0.00
77	Benzydine	40.000	38.458	3.9	79	0.00
78	Pyrene	40.000	44.958	-12.4	108	0.00
79 S	Terphenyl-d14	80.000	89.840	-12.3	109	0.00
80	Butylbenzylphthalate	40.000	44.364	-10.9	105	0.00
81	Benzo(a)anthracene	40.000	39.517	1.2	96	0.00
82	3,3'-Dichlorobenzidine	40.000	38.611	3.5	96	0.00
83	Chrysene	40.000	39.623	0.9	99	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	44.551	-11.4	106	0.00
85 c	Di-n-octyl phthalate	40.000	43.848	-9.6	106	0.00
86 I	Perylene-d12	20.000	20.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.910	-9.8	109	-0.02
88	Benzo(b)fluoranthene	40.000	39.131	2.2	102	-0.01
89	Benzo(k)fluoranthene	40.000	37.036	7.4	96	-0.01
90 C	Benzo(a)pyrene	40.000	39.215	2.0	102	-0.01
91	Dibenzo(a,h)anthracene	40.000	44.174	-10.4	109	-0.02
92	Benzo(g,h,i)perylene	40.000	44.116	-10.3	109	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141551.D
Acq On : 11 Feb 2025 10:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 11 11:06:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/13/2025 10:07

Lab File ID: BF141603.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.273		-0.2	
Benzaldehyde	0.857	1.063		24.0	
Phenol-d6	1.612	1.560		-3.2	
Phenol	1.678	1.634		-2.6	20.0
bis(2-Chloroethyl)ether	1.261	1.269		0.6	
2-Chlorophenol	1.378	1.358		-1.5	
2-Methylphenol	1.079	1.061		-1.7	
2,2-oxybis(1-Chloropropane)	2.158	2.046		-5.2	
Acetophenone	0.498	0.484		-2.8	
3+4-Methylphenols	1.371	1.317		-3.9	
n-Nitroso-di-n-propylamine	0.964	0.938	0.050	-2.7	
Nitrobenzene-d5	0.383	0.372		-2.9	
Hexachloroethane	0.550	0.543		-1.3	
Nitrobenzene	0.374	0.361		-3.5	
Isophorone	0.611	0.606		-0.8	
2-Nitrophenol	0.186	0.191		2.7	20.0
2,4-Dimethylphenol	0.217	0.213		-1.8	
bis(2-Chloroethoxy)methane	0.392	0.397		1.3	
2,4-Dichlorophenol	0.294	0.297		1.0	20.0
Naphthalene	1.041	1.019		-2.1	
4-Chloroaniline	0.363	0.347		-4.4	
Hexachlorobutadiene	0.192	0.191		-0.5	20.0
Caprolactam	0.089	0.089		0.0	
4-Chloro-3-methylphenol	0.325	0.319		-1.8	20.0
2-Methylnaphthalene	0.677	0.667		-1.5	
Hexachlorocyclopentadiene	0.192	0.172	0.050	-10.4	
2,4,6-Trichlorophenol	0.374	0.377		0.8	20.0
2-Fluorobiphenyl	1.298	1.274		-1.8	
2,4,5-Trichlorophenol	0.405	0.405		0.0	
1,1-Biphenyl	1.551	1.565		0.9	
2-Chloronaphthalene	1.147	1.143		-0.3	
2-Nitroaniline	0.385	0.377		-2.1	
Dimethylphthalate	1.358	1.382		1.8	
Acenaphthylene	1.705	1.684		-1.2	
2,6-Dinitrotoluene	0.297	0.298		0.3	
3-Nitroaniline	0.319	0.309		-3.1	
Acenaphthene	1.147	1.129		-1.6	20.0
2,4-Dinitrophenol	0.176	0.163	0.050	-7.4	
4-Nitrophenol	0.237	0.213	0.050	-10.1	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/13/2025 10:07

Lab File ID: BF141603.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.683	1.644		-2.3	
2,4-Dinitrotoluene	0.395	0.393		-0.5	
Diethylphthalate	1.336	1.338		0.2	
4-Chlorophenyl-phenylether	0.626	0.631		0.8	
Fluorene	1.301	1.264		-2.8	
4-Nitroaniline	0.324	0.267		-17.6	
4,6-Dinitro-2-methylphenol	0.139	0.137		-1.4	
n-Nitrosodiphenylamine	0.640	0.640		0.0	20.0
2,4,6-Tribromophenol	0.201	0.195		-3.0	
4-Bromophenyl-phenylether	0.224	0.226		0.9	
Hexachlorobenzene	0.230	0.231		0.4	
Atrazine	0.192	0.161		-16.1	
Pentachlorophenol	0.147	0.136		-7.5	20.0
Phenanthrene	1.101	1.082		-1.7	
Anthracene	1.107	1.088		-1.7	
Carbazole	0.996	0.956		-4.0	
Di-n-butylphthalate	1.150	1.157		0.6	
Fluoranthene	1.167	1.099		-5.8	20.0
Pyrene	1.703	1.862		9.3	
Terphenyl-d14	1.185	1.287		8.6	
Butylbenzylphthalate	0.590	0.643		9.0	
3,3-Dichlorobenzidine	0.381	0.322		-15.5	
Benzo (a) anthracene	1.329	1.310		-1.4	
Chrysene	1.228	1.180		-3.9	
Bis(2-ethylhexyl)phthalate	0.665	0.728		9.5	
Di-n-octyl phthalate	0.949	1.043		9.9	20.0
Benzo (b) fluoranthene	1.343	1.230		-8.4	
Benzo (k) fluoranthene	1.147	1.181		3.0	
Benzo (a) pyrene	1.087	1.082		-0.5	20.0
Indeno (1,2,3-cd) pyrene	1.236	1.412		14.2	
Dibenzo (a,h) anthracene	1.001	1.153		15.2	
Benzo (g,h,i) perylene	1.048	1.199		14.4	
1,2,4,5-Tetrachlorobenzene	0.579	0.593		2.4	
1,4-Dioxane	0.513	0.498		-2.9	20.0
2,3,4,6-Tetrachlorophenol	0.349	0.344		-1.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141603.D
 Acq On : 13 Feb 2025 10:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	101199	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	394924	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	212437	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	363954	20.000	ng	0.00
76) Chrysene-d12	13.951	240	215290	20.000	ng	-0.01
86) Perylene-d12	15.410	264	184975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	515337	79.834	ng	0.00
7) Phenol-d6	6.434	99	631631	77.418	ng	0.00
23) Nitrobenzene-d5	7.357	82	587785	77.630	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	165432	77.521	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1082478	78.504	ng	0.00
79) Terphenyl-d14	12.898	244	1108169	86.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	100761	38.784	ng	99
3) Pyridine	3.210	79	252719	40.878	ng	96
4) n-Nitrosodimethylamine	3.163	42	151906	37.108	ng	93
6) Aniline	6.457	93	274626	35.884	ng	85
8) 2-Chlorophenol	6.581	128	274896	39.412	ng	99
9) Benzaldehyde	6.340	77	215197	49.636	ng	100
10) Phenol	6.445	94	330726	38.947	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	256876	40.275	ng	100
12) 1,3-Dichlorobenzene	6.728	146	289509	39.316	ng	99
13) 1,4-Dichlorobenzene	6.804	146	295651	39.297	ng	99
14) 1,2-Dichlorobenzene	6.963	146	276849	39.648	ng	98
15) Benzyl Alcohol	6.934	79	236077	37.733	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	414117	37.929	ng	94
17) 2-Methylphenol	7.051	107	214839	39.360	ng	99
18) Hexachloroethane	7.298	117	109966	39.494	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	189809	38.894	ng	97
20) 3+4-Methylphenols	7.204	107	266506	38.420	ng	96
22) Acetophenone	7.198	105	382488	38.934	ng	# 96
24) Nitrobenzene	7.375	77	285170	38.624	ng	100
25) Isophorone	7.616	82	478555	39.639	ng	98
26) 2-Nitrophenol	7.692	139	150967	41.098	ng	94
27) 2,4-Dimethylphenol	7.734	122	168146	39.183	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	313417	40.514	ng	99
29) 2,4-Dichlorophenol	7.939	162	234635	40.468	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	250273	39.638	ng	99
31) Naphthalene	8.092	128	804501	39.135	ng	100
32) Benzoic acid	7.863	122	165787	37.194	ng	97
33) 4-Chloroaniline	8.151	127	274047	38.182	ng	99
34) Hexachlorobutadiene	8.210	225	151095	39.862	ng	99
35) Caprolactam	8.522	113	70626	40.007	ng	94
36) 4-Chloro-3-methylphenol	8.634	107	251825	39.209	ng	100
37) 2-Methylnaphthalene	8.786	142	526906	39.388	ng	99
38) 1-Methylnaphthalene	8.881	142	502619	38.793	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	251858	40.979	ng	99
41) Hexachlorocyclopentadiene	8.934	237	73079	35.749	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	160332	40.363	ng	99

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 Acq On : 13 Feb 2025 10:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

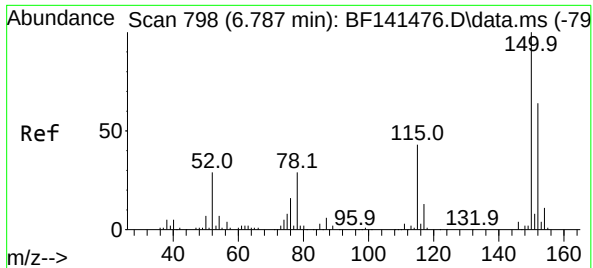
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 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	171939	39.939	ng	97
46) 1,1'-Biphenyl	9.251	154	664808	40.365	ng	100
47) 2-Chloronaphthalene	9.275	162	485830	39.891	ng	99
48) 2-Nitroaniline	9.375	65	160269	39.212	ng	96
49) Acenaphthylene	9.686	152	715329	39.489	ng	99
50) Dimethylphthalate	9.551	163	587368	40.728	ng	100
51) 2,6-Dinitrotoluene	9.616	165	126493	40.122	ng	99
52) Acenaphthene	9.863	154	479883	39.404	ng	99
53) 3-Nitroaniline	9.786	138	131277	38.688	ng	99
54) 2,4-Dinitrophenol	9.898	184	69416	37.047	ng	93
55) Dibenzofuran	10.033	168	698378	39.069	ng	98
56) 4-Nitrophenol	9.963	139	90688	36.003	ng	93
57) 2,4-Dinitrotoluene	10.022	165	167167	39.830	ng	99
58) Fluorene	10.375	166	537234	38.870	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	146236	39.455	ng	96
60) Diethylphthalate	10.251	149	568551	40.069	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	268040	40.311	ng	96
62) 4-Nitroaniline	10.398	138	113483	32.936	ng	99
63) Azobenzene	10.528	77	551237	39.078	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	99425	39.326	ng	97
66) n-Nitrosodiphenylamine	10.486	169	466206	40.016	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	164484	40.437	ng	99
68) Hexachlorobenzene	10.922	284	168395	40.203	ng	99
69) Atrazine	11.016	200	117022	33.481	ng	99
70) Pentachlorophenol	11.122	266	99261	37.062	ng	99
71) Phenanthrene	11.339	178	787310	39.299	ng	100
72) Anthracene	11.386	178	792280	39.340	ng	100
73) Carbazole	11.545	167	695808	38.398	ng	100
74) Di-n-butylphthalate	11.875	149	842366	40.259	ng	100
75) Fluoranthene	12.522	202	800139	37.671	ng	100
77) Benzidine	12.663	184	81417	17.147	ng	99
78) Pyrene	12.751	202	801756	43.747	ng	100
80) Butylbenzylphthalate	13.369	149	276706	43.590	ng	98
81) Benzo(a)anthracene	13.945	228	564233	39.426	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	138454	33.774	ng	98
83) Chrysene	13.980	228	508042	38.447	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	313602	43.802	ng	100
85) Di-n-octyl phthalate	14.557	149	449081	43.969	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	522306	45.698	ng	99
88) Benzo(b)fluoranthene	14.992	252	454999	36.634	ng	100
89) Benzo(k)fluoranthene	15.021	252	436966	41.201	ng	99
90) Benzo(a)pyrene	15.351	252	400141	39.815	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	426370	46.039	ng	99
92) Benzo(g,h,i)perylene	17.292	276	443471	45.759	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

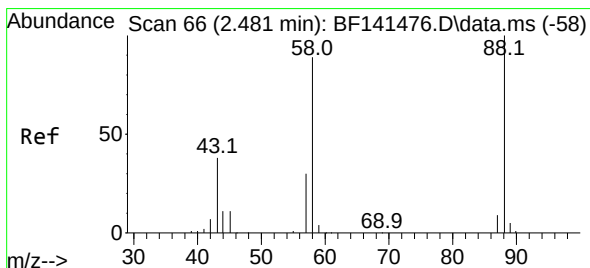
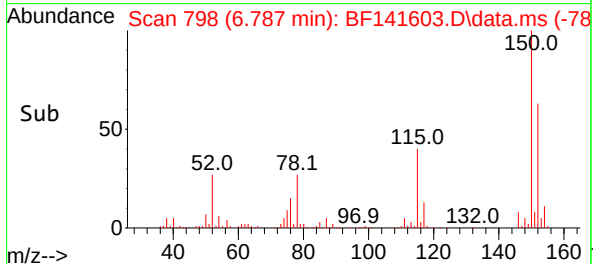
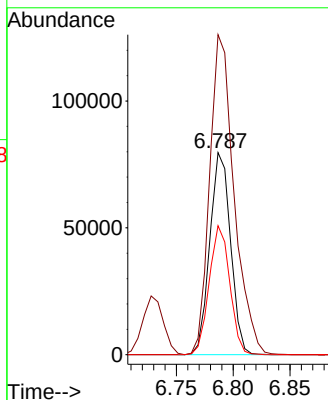
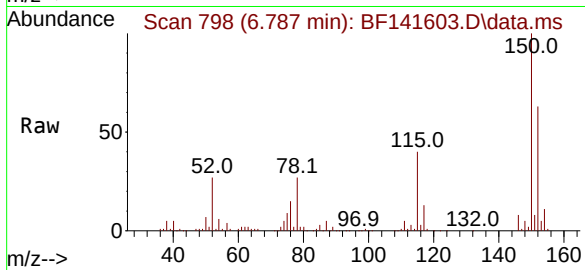
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

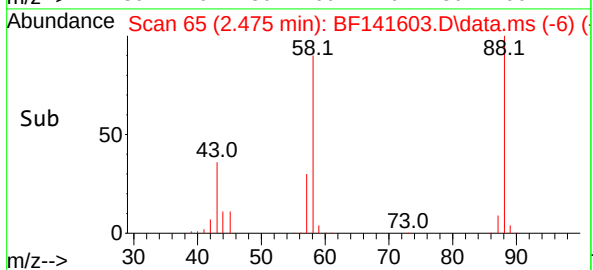
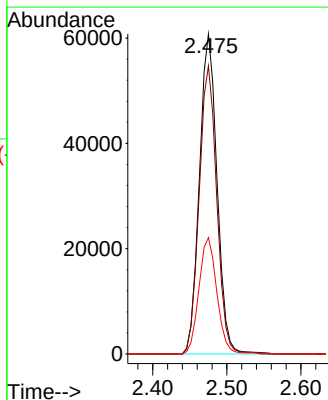
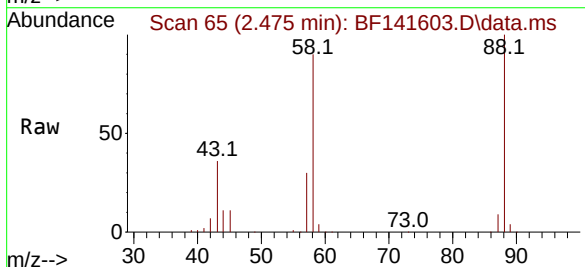
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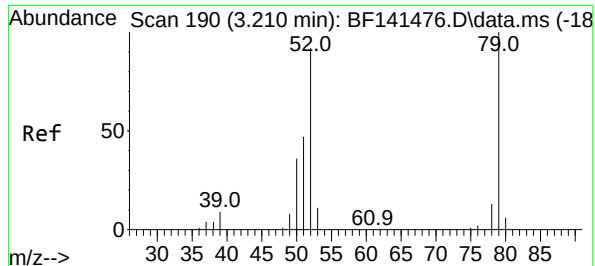
Tgt Ion:152 Resp: 101199
Ion Ratio Lower Upper
152 100
150 158.3 125.0 187.4
115 63.8 53.6 80.4



#2
1,4-Dioxane
Concen: 38.784 ng
RT: 2.475 min Scan# 65
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 88 Resp: 100761
Ion Ratio Lower Upper
88 100
58 89.6 71.1 106.7
43 37.1 30.6 46.0

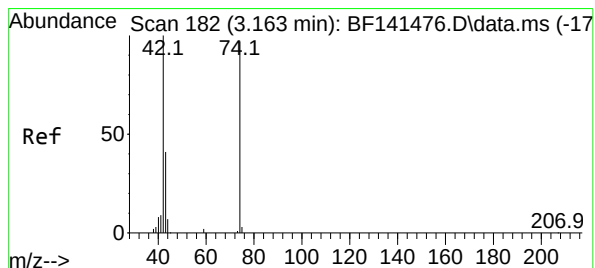
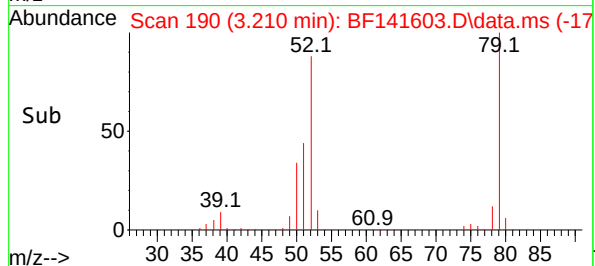
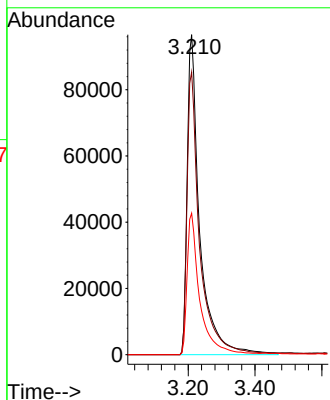
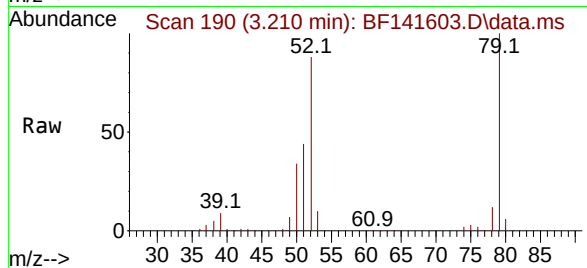




#3
Pyridine
Concen: 40.878 ng
RT: 3.210 min Scan# 190
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

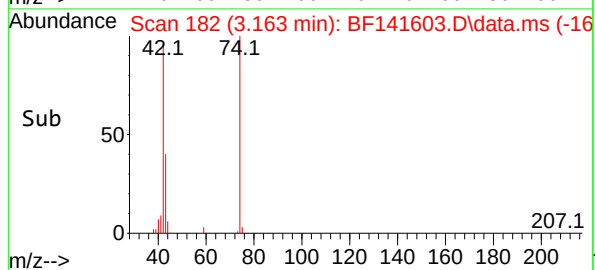
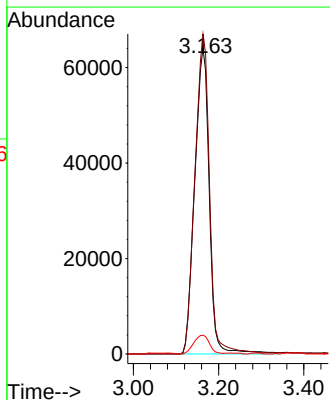
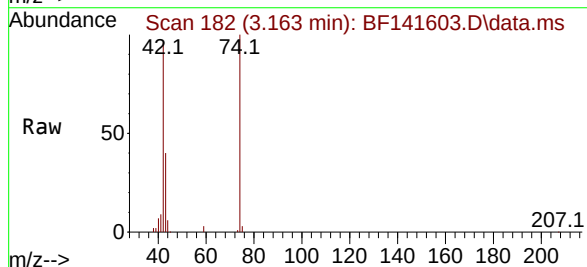
Instrument :
BNA_F
ClientSampleId :
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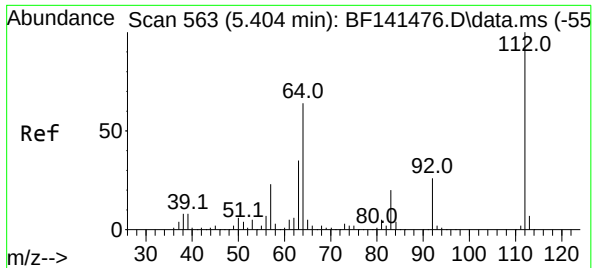
Tgt Ion: 79 Resp: 252719
Ion Ratio Lower Upper
79 100
52 88.3 73.7 110.5
51 44.2 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 37.108 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.023 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 42 Resp: 151906
Ion Ratio Lower Upper
42 100
74 104.7 78.0 117.0
44 6.1 5.4 8.2

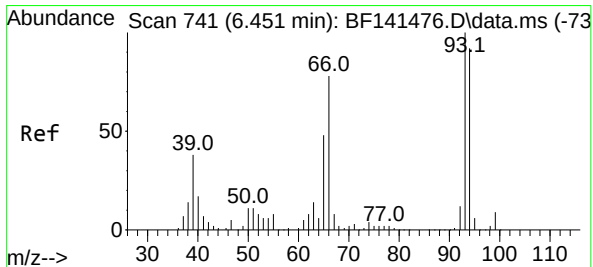
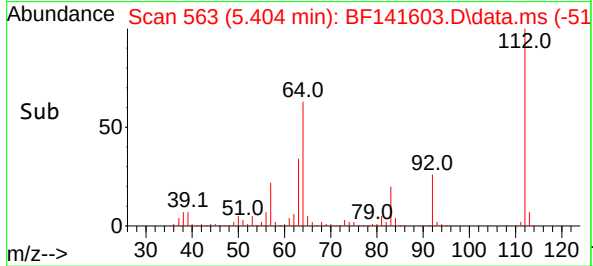
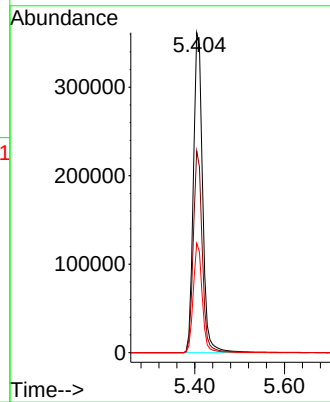
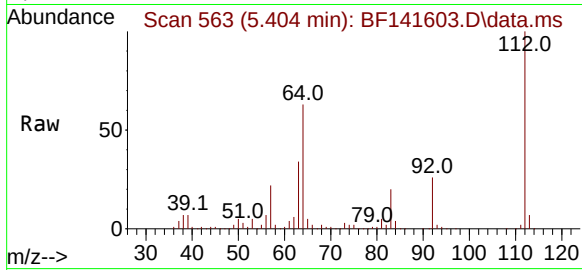




#5
2-Fluorophenol
Concen: 79.834 ng
RT: 5.404 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

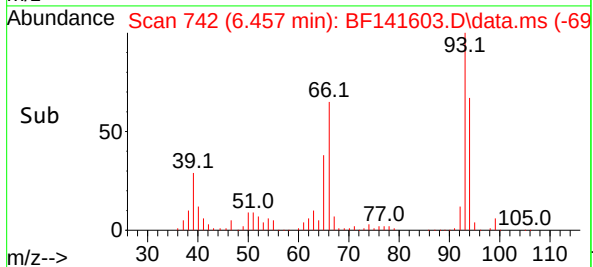
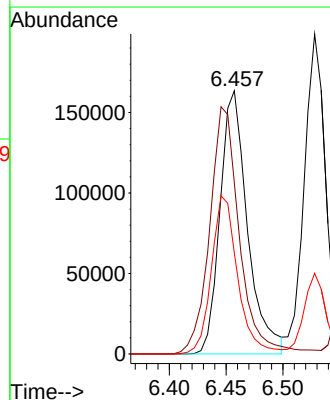
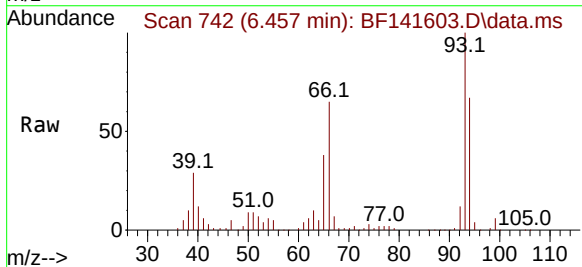
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ClientSampleId :
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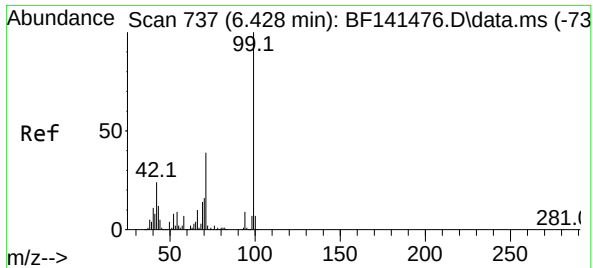
Tgt Ion:112 Resp: 515337
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 34.2 28.4 42.6



#6
Aniline
Concen: 35.884 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 93 Resp: 274626
Ion Ratio Lower Upper
93 100
66 65.0 62.6 94.0
65 38.4 38.3 57.5

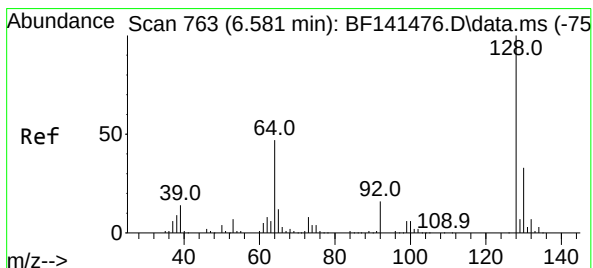
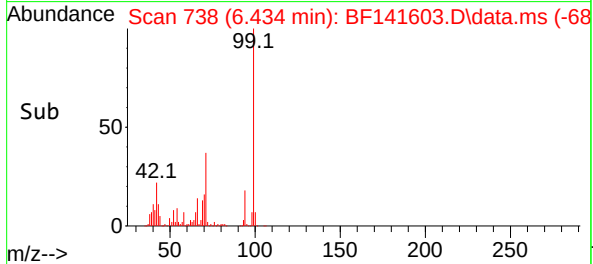
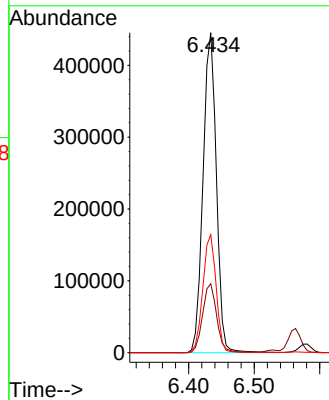
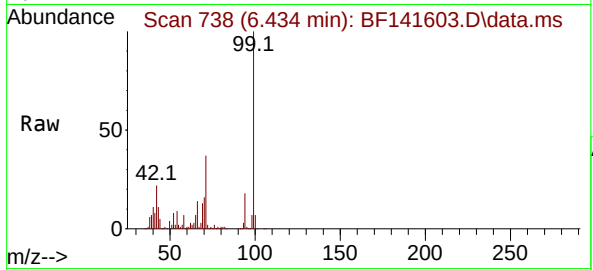




#7
Phenol-d6
Concen: 77.418 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

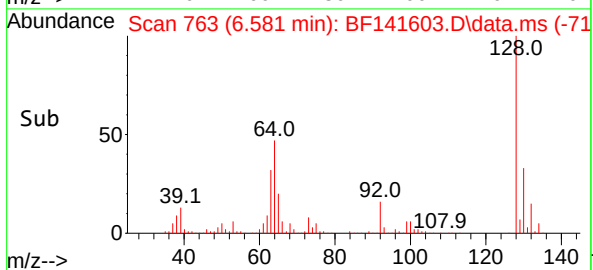
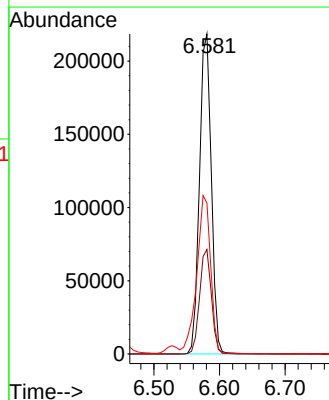
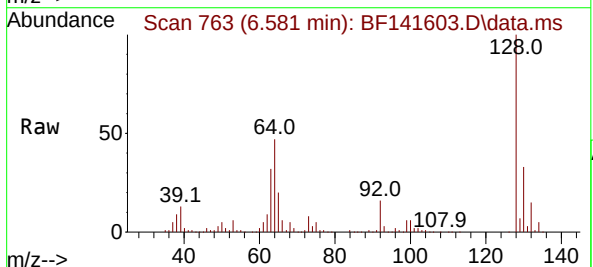
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ClientSampleId :
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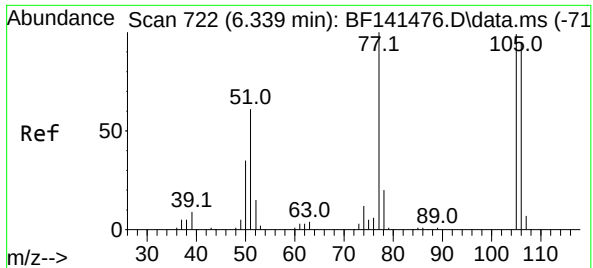
Tgt Ion: 99 Resp: 631631
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.8 31.1 46.7



#8
2-Chlorophenol
Concen: 39.412 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 128 Resp: 274896
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 47.2 28.3 68.3





#9

Benzaldehyde

Concen: 49.636 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

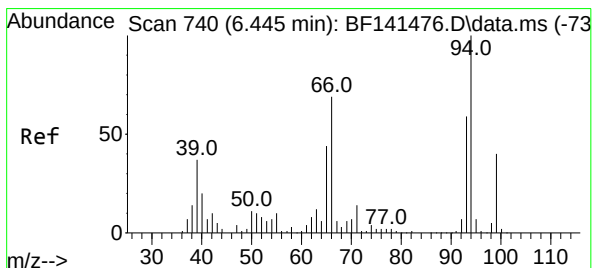
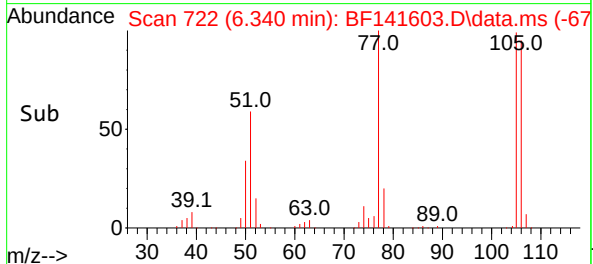
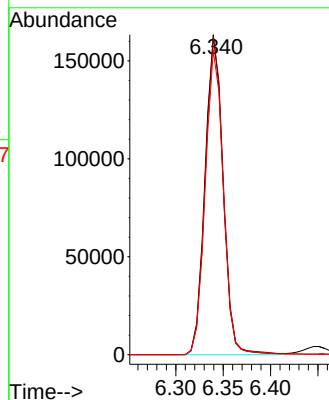
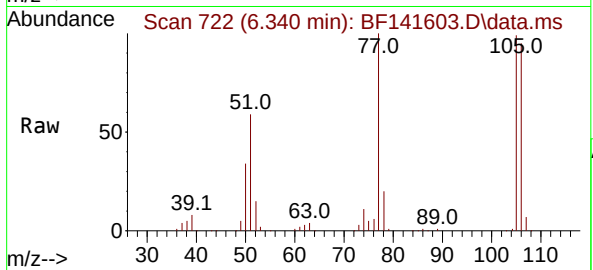
Tgt Ion: 77 Resp: 215197

Ion Ratio Lower Upper

77 100

105 99.4 79.4 119.4

106 95.0 75.1 115.1



#10

Phenol

Concen: 38.947 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

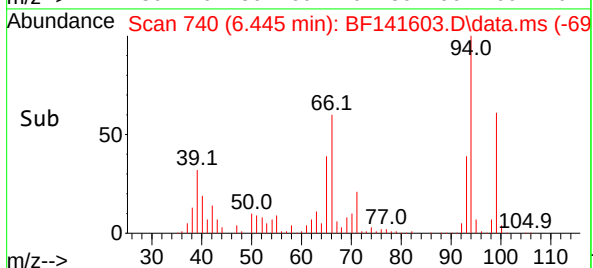
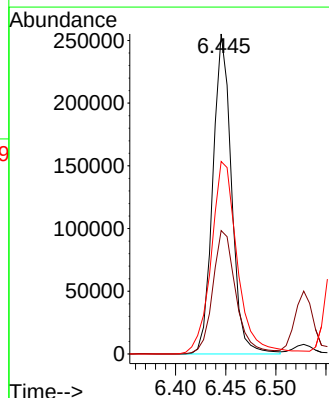
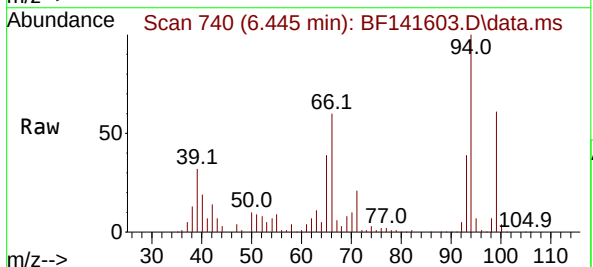
Tgt Ion: 94 Resp: 330726

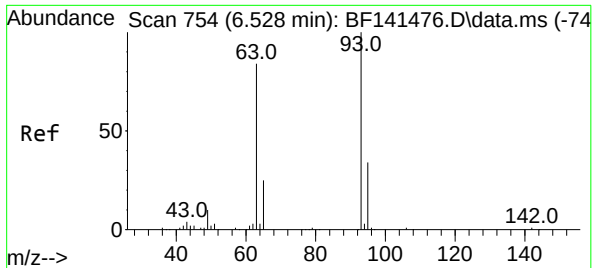
Ion Ratio Lower Upper

94 100

65 38.5 23.7 63.7

66 60.2 49.3 89.3

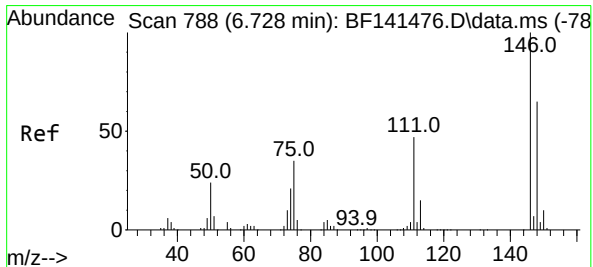
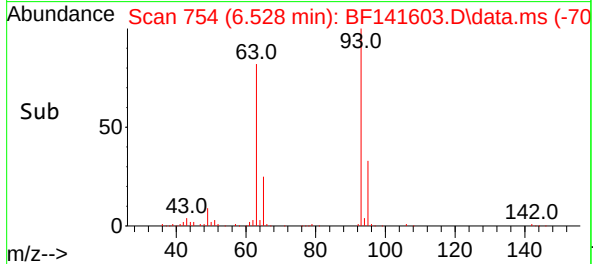
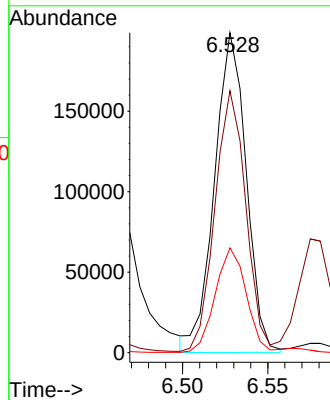
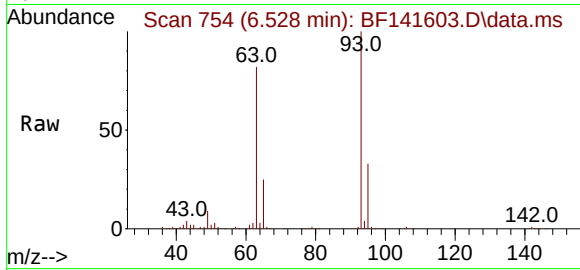




#11
 bis(2-Chloroethyl)ether
 Concen: 40.275 ng
 RT: 6.528 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: BF141603.D
 Acq: 13 Feb 2025 10:07

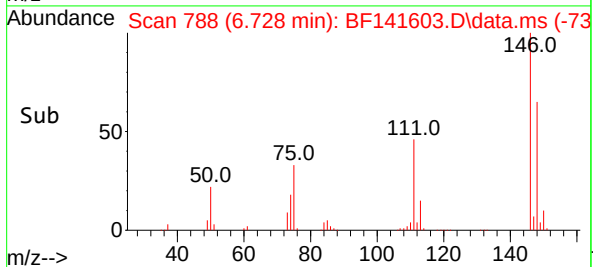
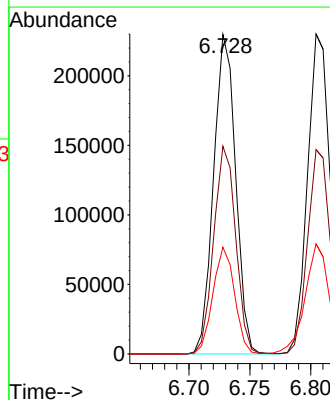
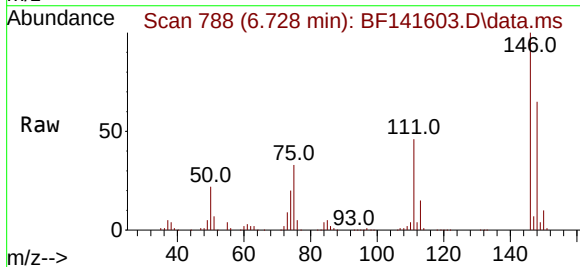
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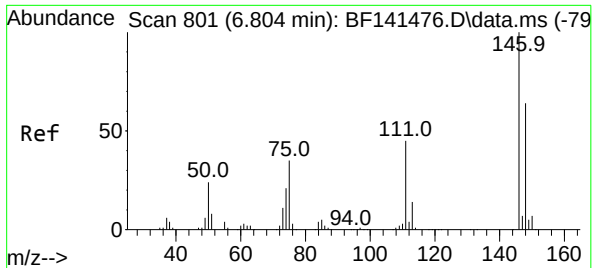
Tgt Ion: 93 Resp: 256876
 Ion Ratio Lower Upper
 93 100
 63 81.8 62.0 102.0
 95 32.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 39.316 ng
 RT: 6.728 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF141603.D
 Acq: 13 Feb 2025 10:07

Tgt Ion: 146 Resp: 289509
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.297 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

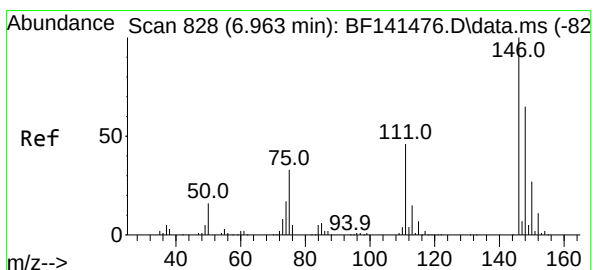
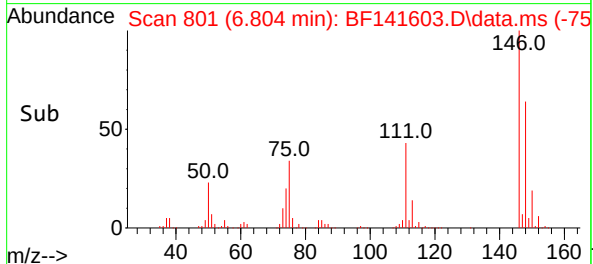
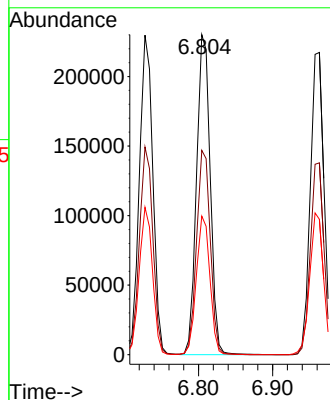
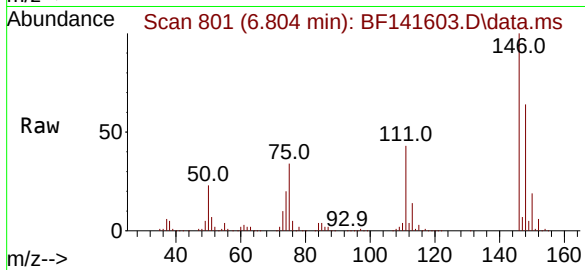
Tgt Ion:146 Resp: 295651

Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

111 43.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.648 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

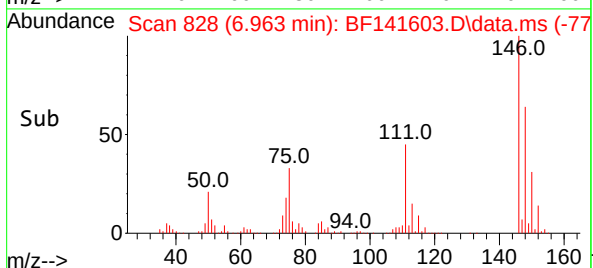
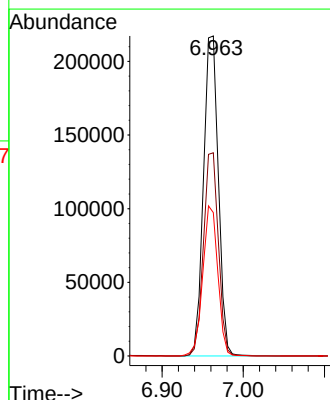
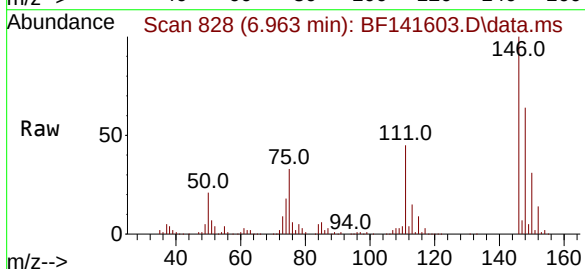
Tgt Ion:146 Resp: 276849

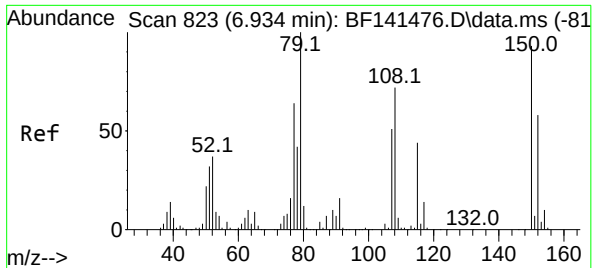
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

111 44.8 37.0 55.4

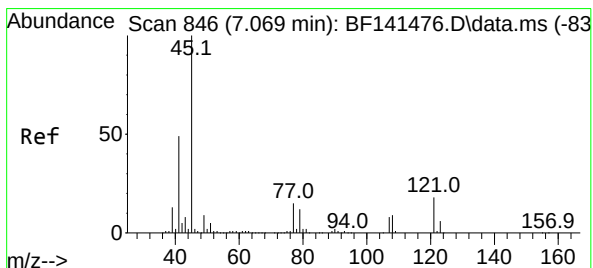
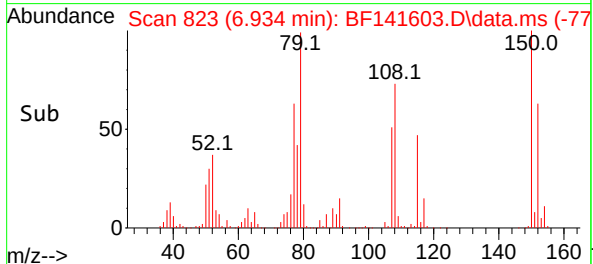
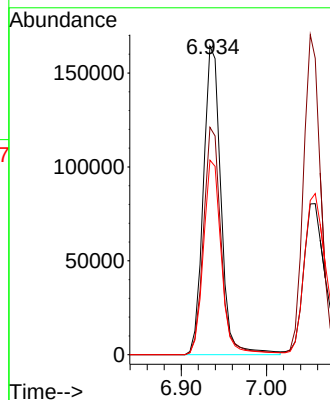
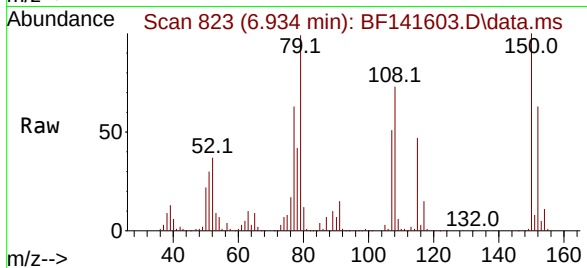




#15
Benzyl Alcohol
Concen: 37.733 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

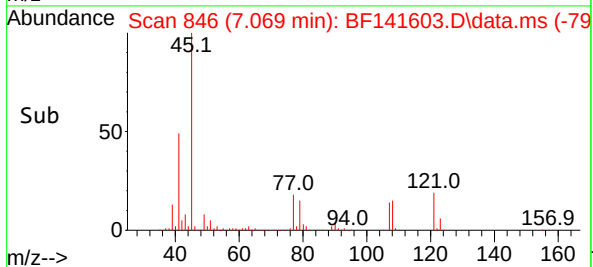
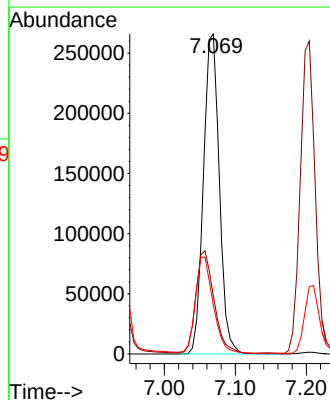
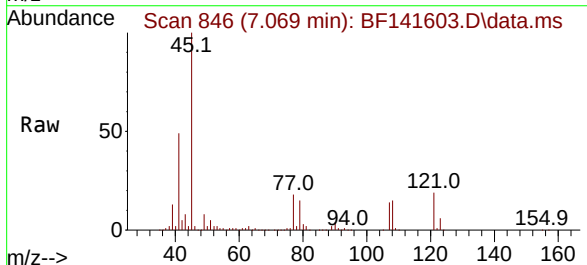
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

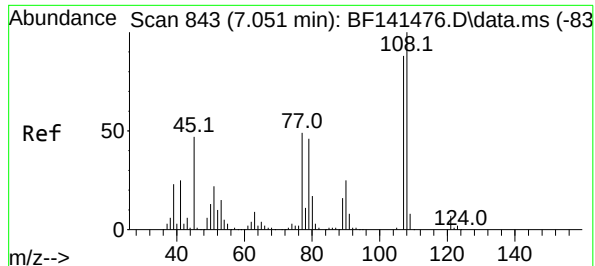
Tgt Ion: 79 Resp: 236077
Ion Ratio Lower Upper
79 100
108 73.7 57.4 86.2
77 63.0 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.929 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 45 Resp: 414117
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.8
79 15.3 0.0 32.7





#17

2-Methylphenol

Concen: 39.360 ng

RT: 7.051 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF141603.D

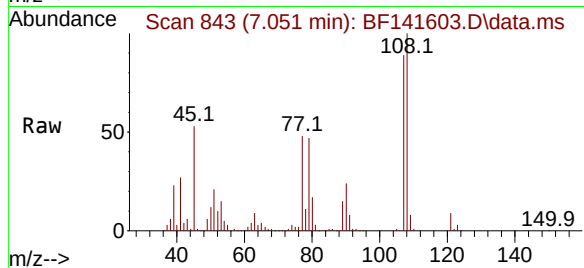
Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

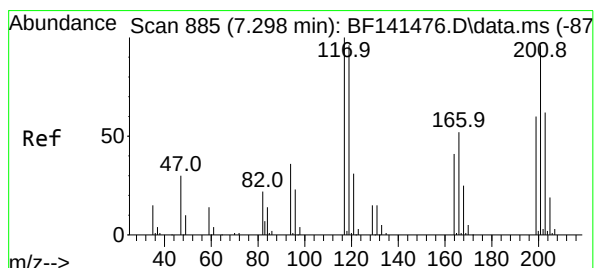
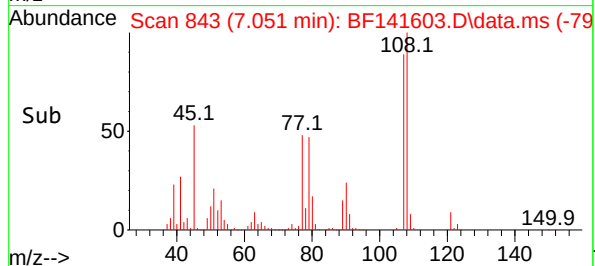
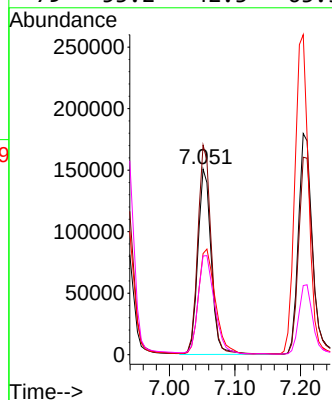
ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 214839

Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.6	136.0
77	54.5	44.4	66.6
79	53.2	42.3	63.5



#18

Hexachloroethane

Concen: 39.494 ng

RT: 7.298 min Scan# 885

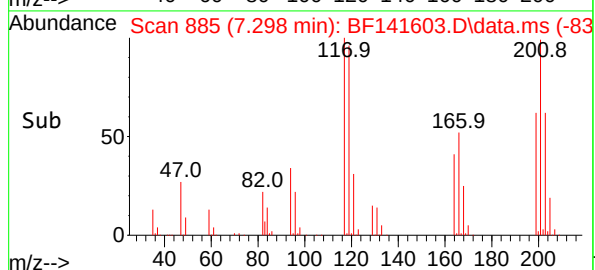
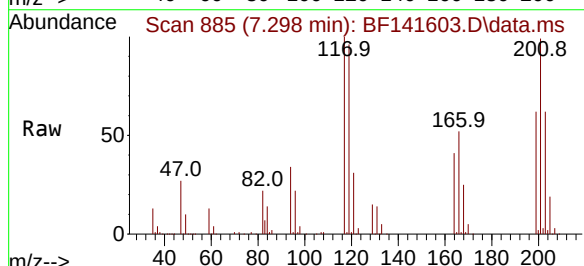
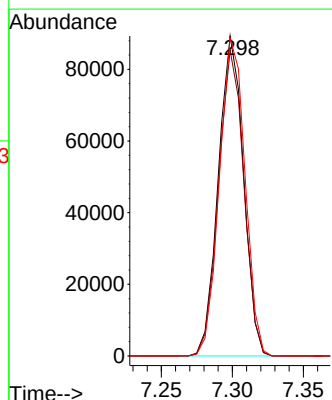
Delta R.T. -0.006 min

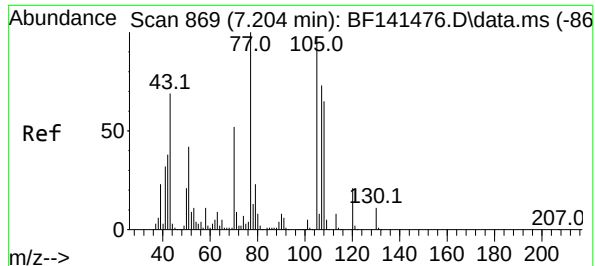
Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Tgt Ion:117 Resp: 109966

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
201	99.5	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.894 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 189809

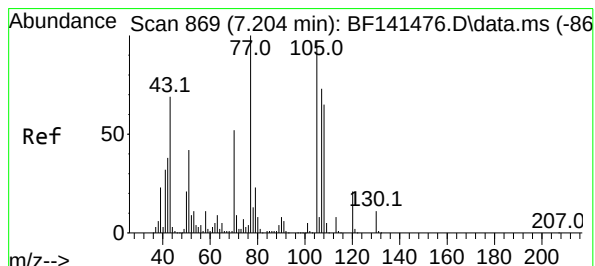
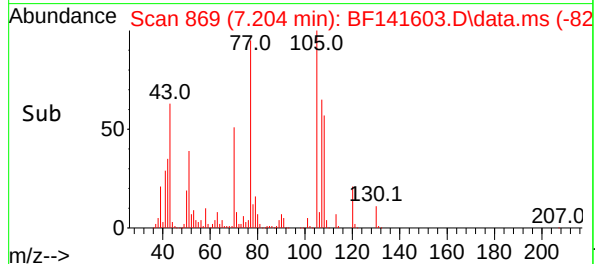
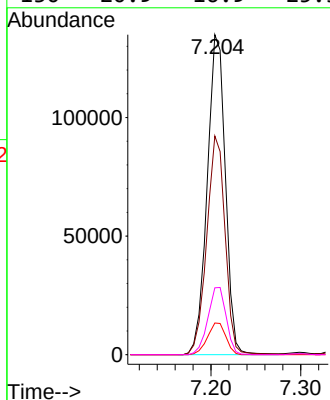
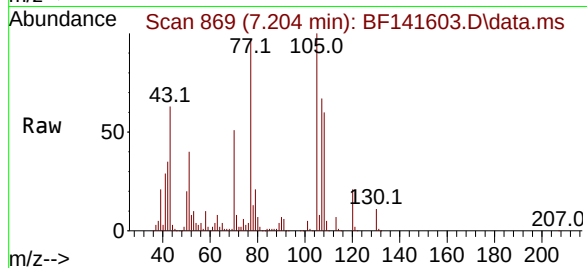
Ion Ratio Lower Upper

70 100

42 68.3 57.4 86.2

101 9.9 8.0 12.0

130 20.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.420 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Tgt Ion: 107 Resp: 266506

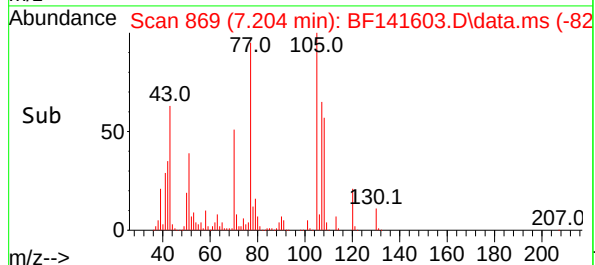
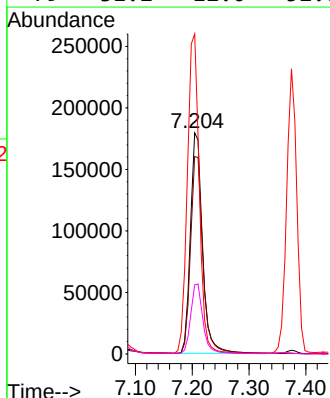
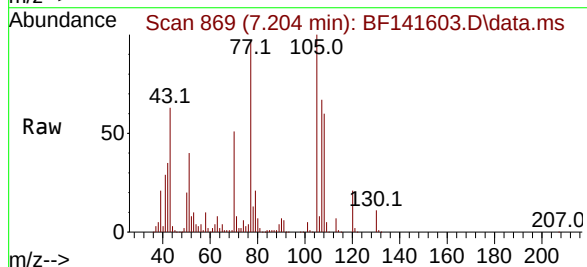
Ion Ratio Lower Upper

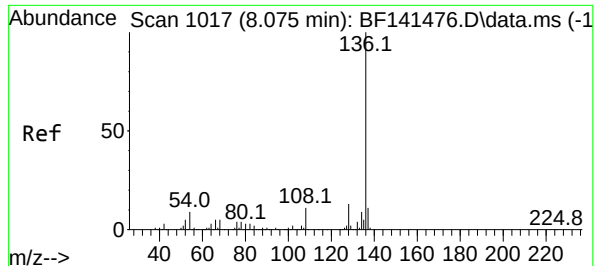
107 100

108 89.3 68.5 108.5

77 144.7 116.5 156.5

79 31.2 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 394924

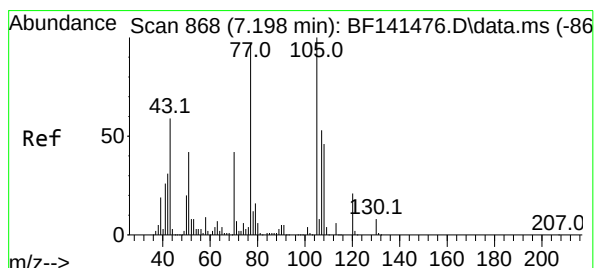
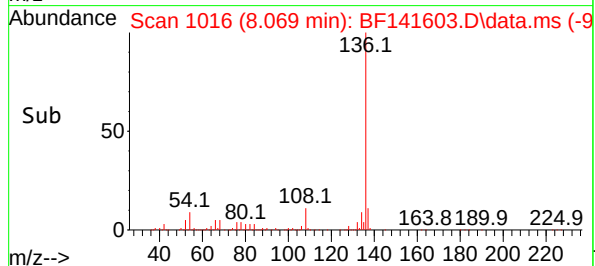
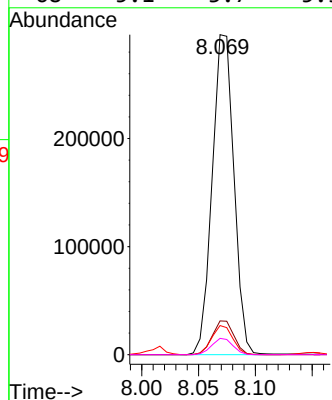
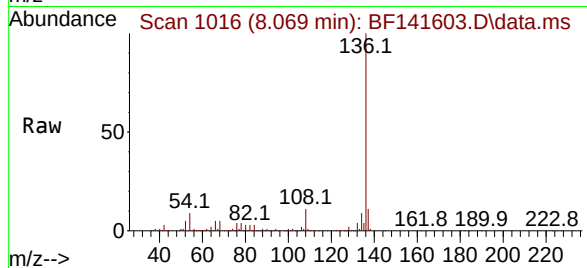
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 9.1 7.2 10.8

68 5.1 3.7 5.5



#22

Acetophenone

Concen: 38.934 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Tgt Ion:105 Resp: 382488

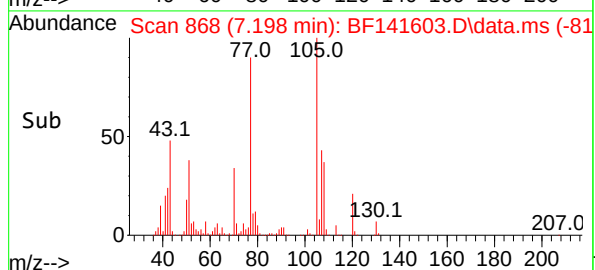
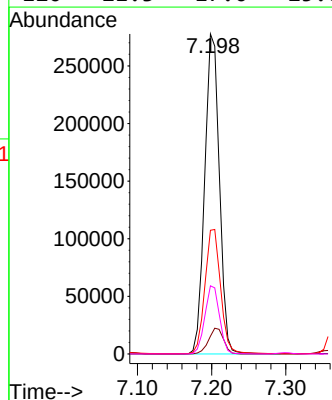
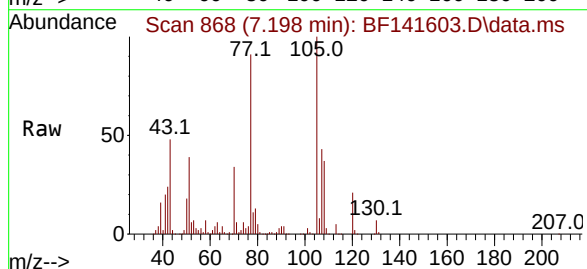
Ion Ratio Lower Upper

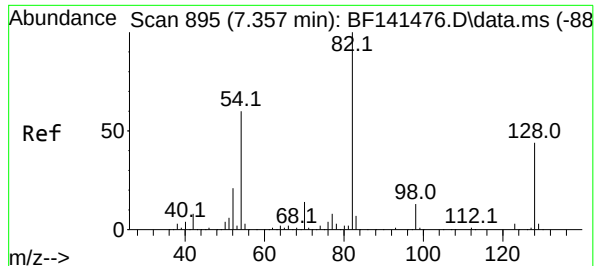
105 100

71 5.5 5.7 8.5#

51 38.7 33.7 50.5

120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.630 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

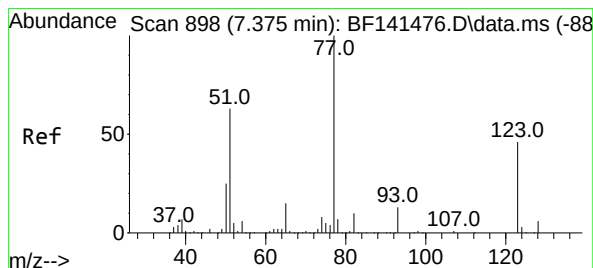
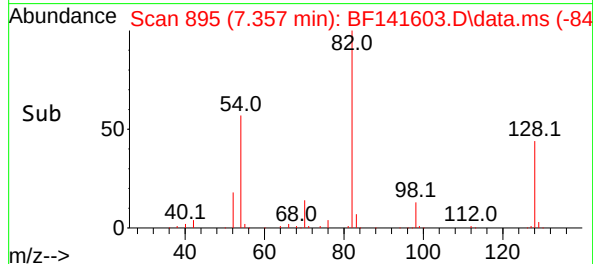
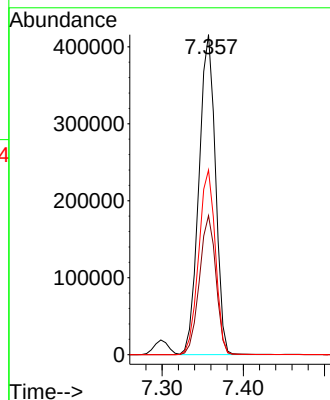
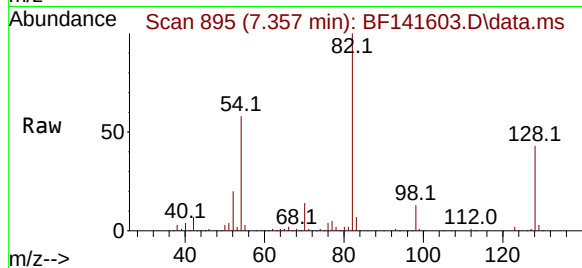
Tgt Ion: 82 Resp: 587785

Ion Ratio Lower Upper

82 100

128 43.5 34.8 52.2

54 57.7 48.2 72.4



#24

Nitrobenzene

Concen: 38.624 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

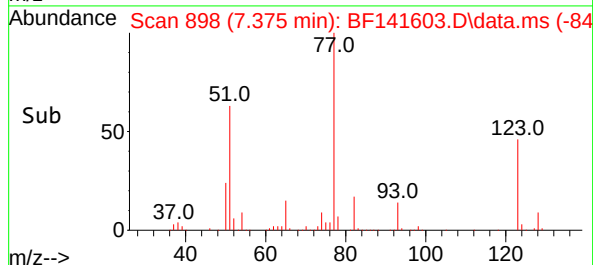
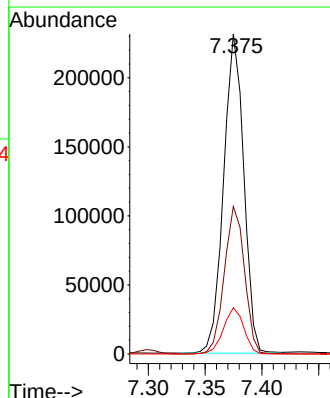
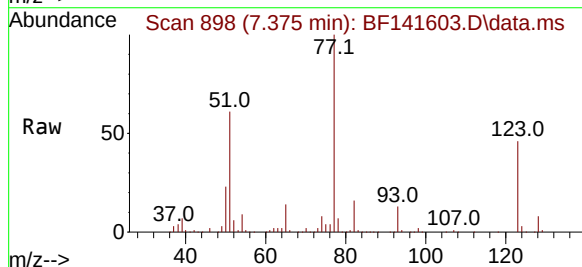
Tgt Ion: 77 Resp: 285170

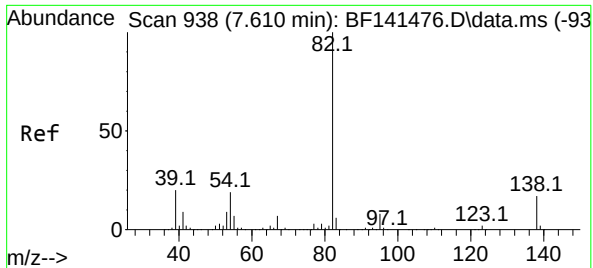
Ion Ratio Lower Upper

77 100

123 46.1 36.9 55.3

65 14.4 11.9 17.9

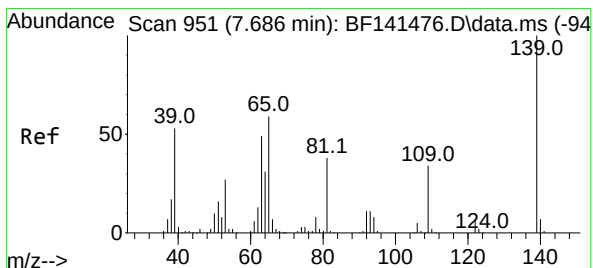
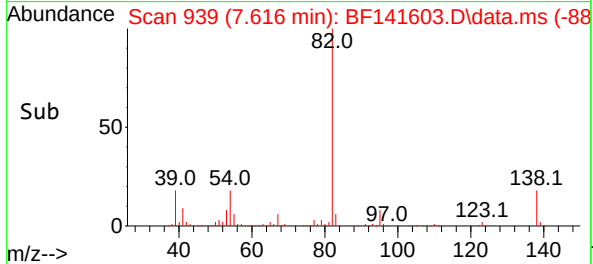
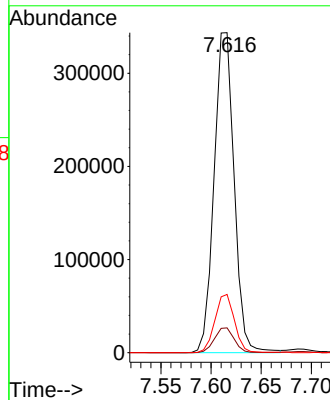
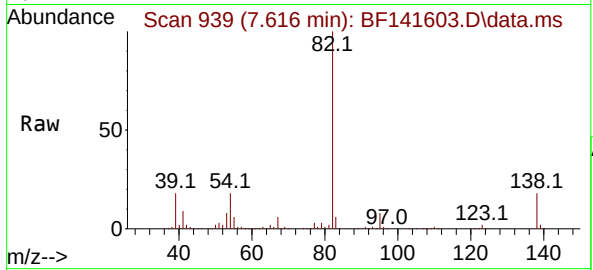




#25
Isophorone
Concen: 39.639 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

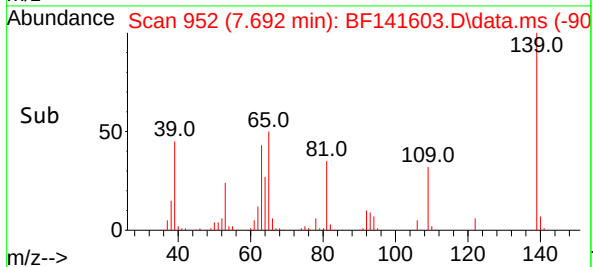
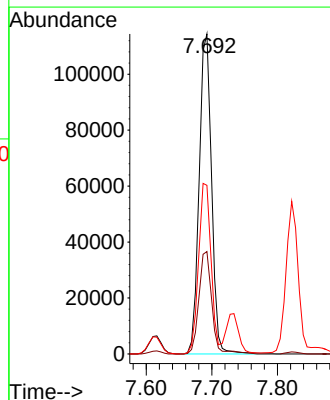
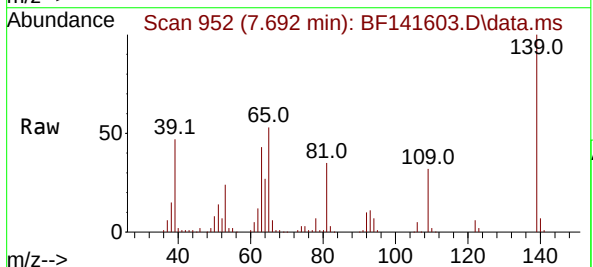
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

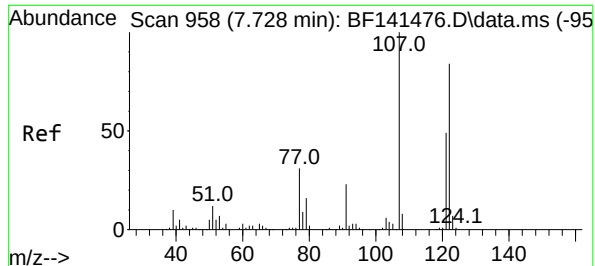
Tgt Ion: 82 Resp: 478555
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 41.098 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:139 Resp: 150967
Ion Ratio Lower Upper
139 100
109 32.0 27.0 40.6
65 52.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 39.183 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

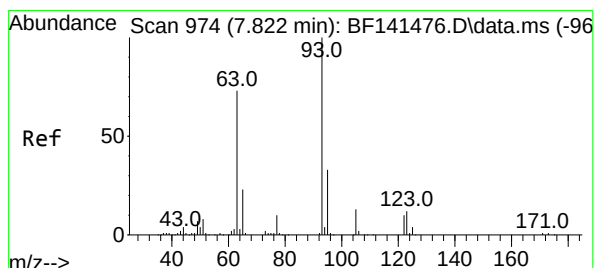
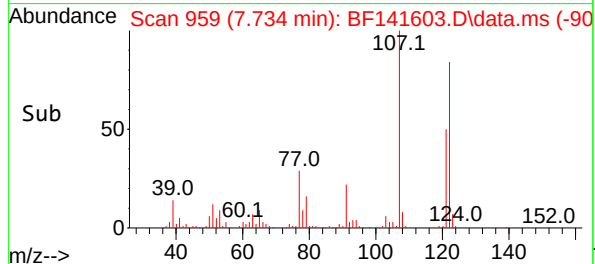
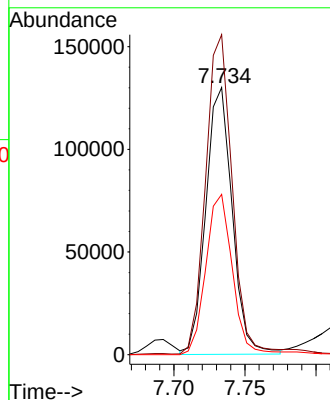
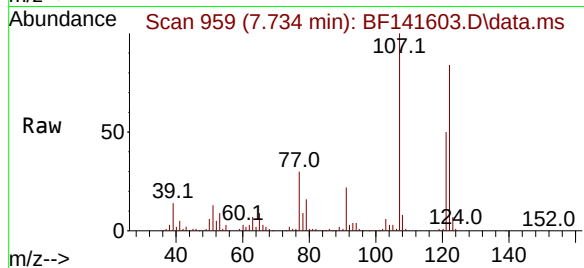
Tgt Ion:122 Resp: 168146

Ion Ratio Lower Upper

122 100

107 119.8 94.3 141.5

121 60.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.514 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

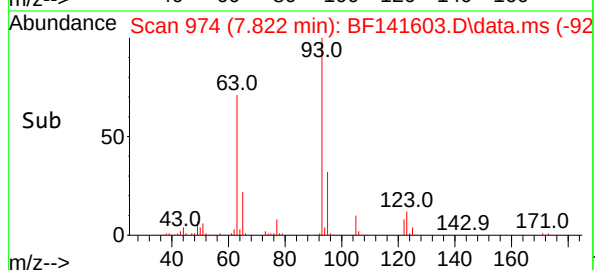
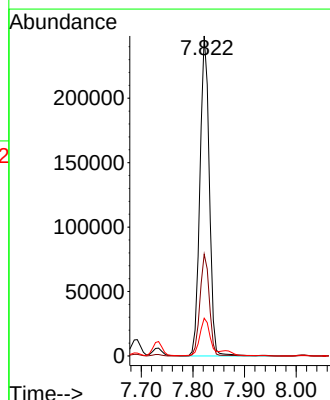
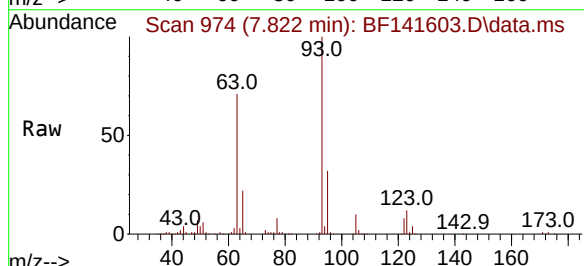
Tgt Ion: 93 Resp: 313417

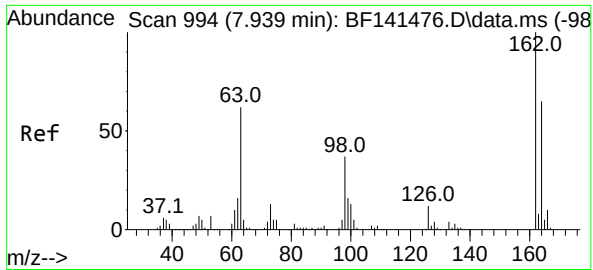
Ion Ratio Lower Upper

93 100

95 31.8 26.1 39.1

123 11.8 9.5 14.3

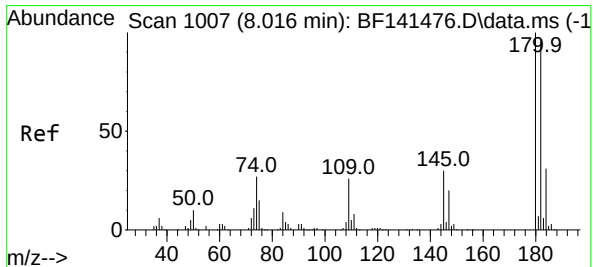
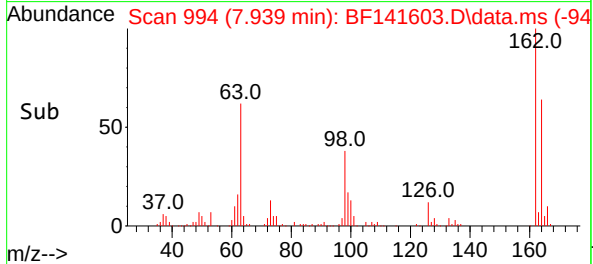
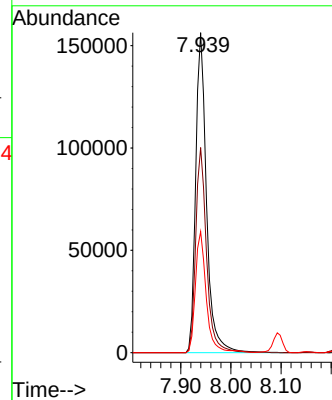
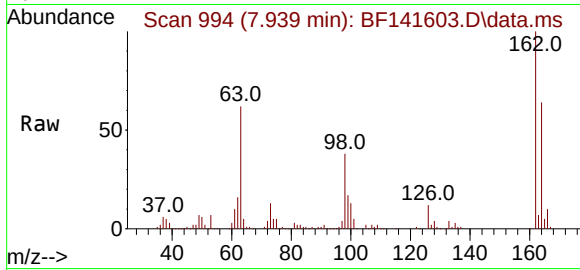




#29
2,4-Dichlorophenol
Concen: 40.468 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

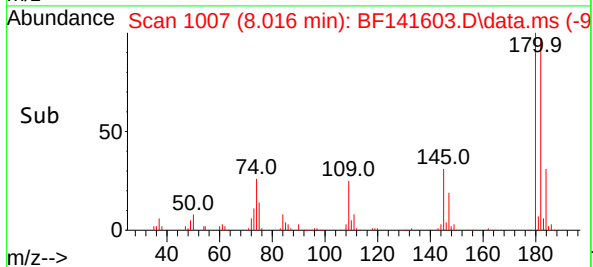
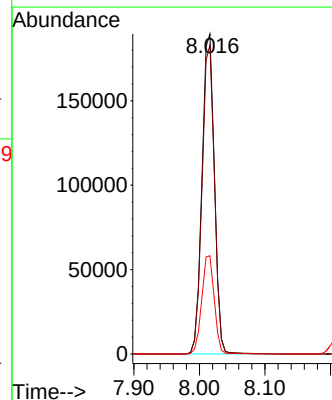
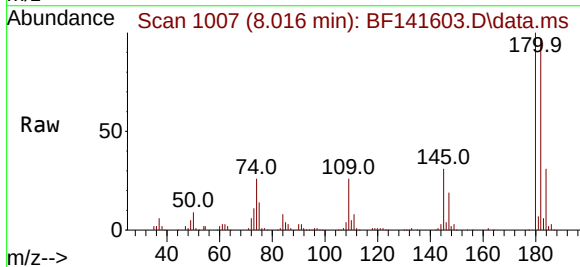
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

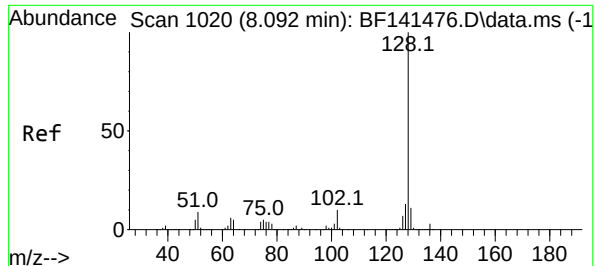
Tgt Ion:162 Resp: 234635
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 37.8 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 39.638 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:180 Resp: 250273
Ion Ratio Lower Upper
180 100
182 96.6 76.8 115.2
145 30.7 24.2 36.4

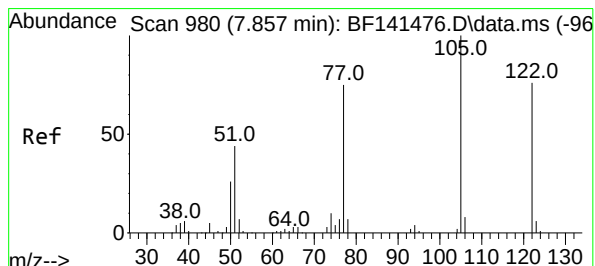
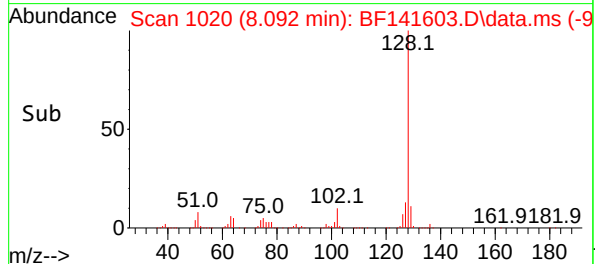
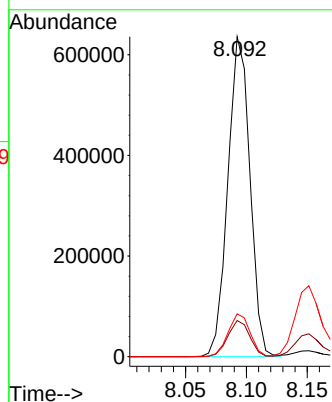
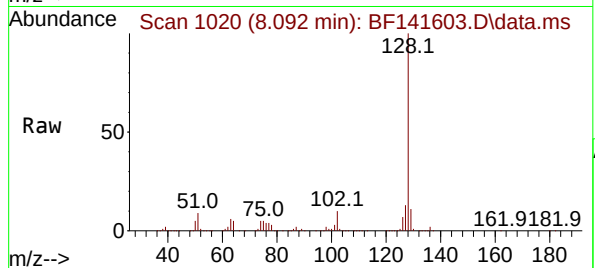




#31
Naphthalene
Concen: 39.135 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

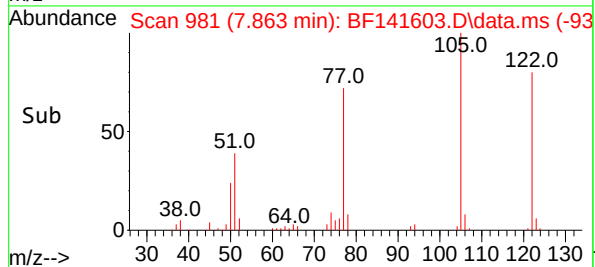
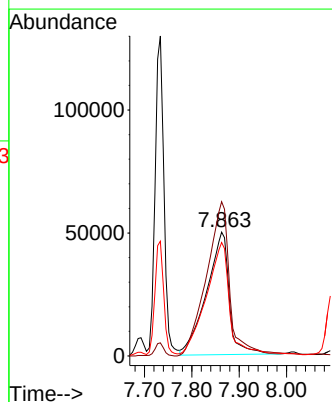
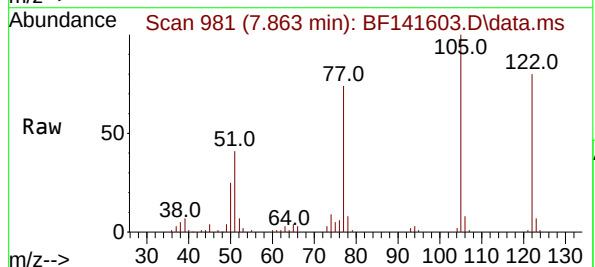
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

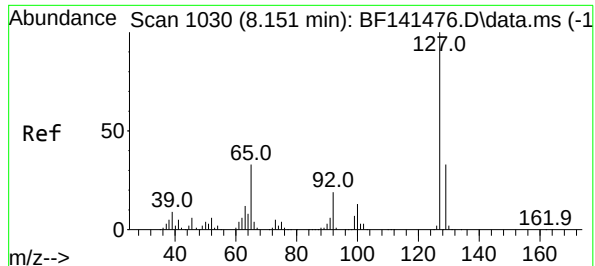
Tgt Ion:128 Resp: 804501
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 37.194 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:122 Resp: 165787
Ion Ratio Lower Upper
122 100
105 124.6 106.5 146.5
77 91.7 76.3 116.3





#33

4-Chloroaniline

Concen: 38.182 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 274047

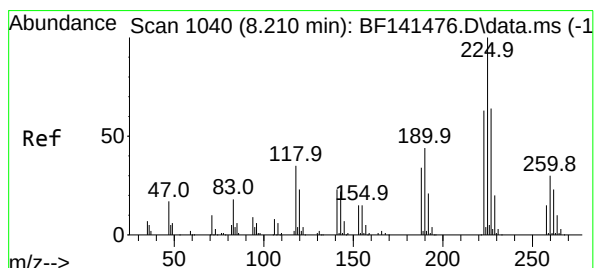
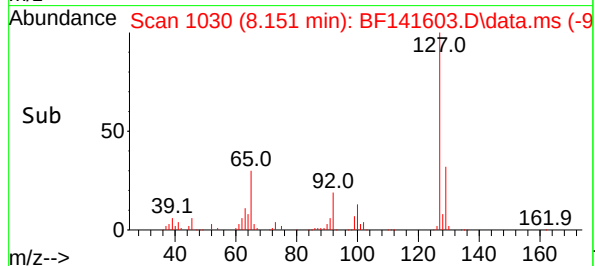
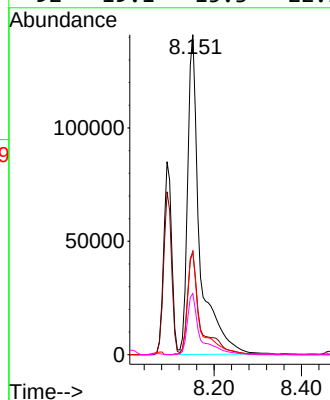
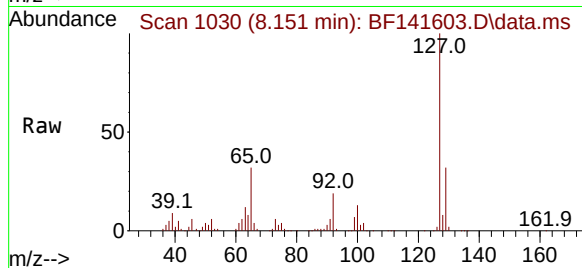
Ion Ratio Lower Upper

127 100

129 32.2 26.5 39.7

65 32.1 26.4 39.6

92 19.1 15.3 22.9



#34

Hexachlorobutadiene

Concen: 39.862 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

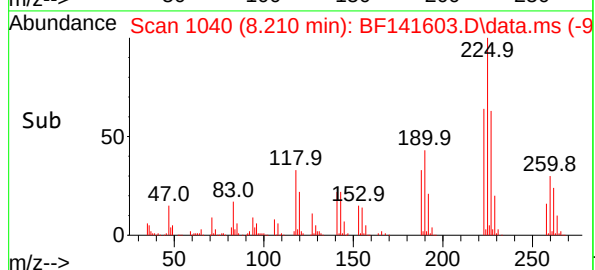
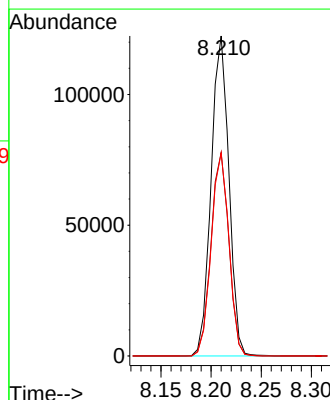
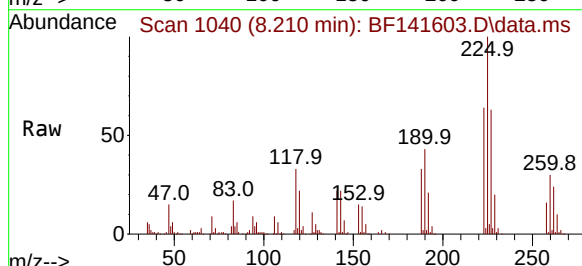
Tgt Ion:225 Resp: 151095

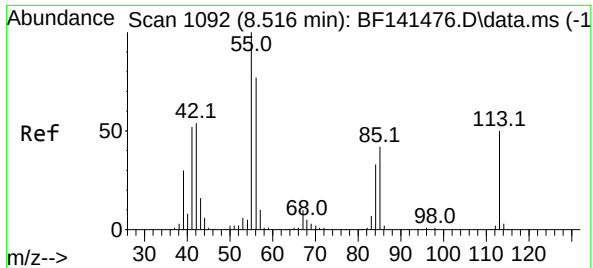
Ion Ratio Lower Upper

225 100

223 63.5 50.1 75.1

227 63.5 51.0 76.6





#35

Caprolactam

Concen: 40.007 ng

RT: 8.522 min Scan# 1092

Delta R.T. -0.023 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

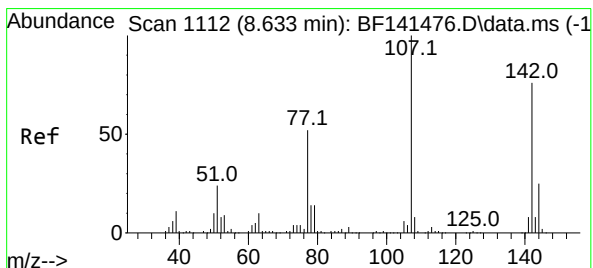
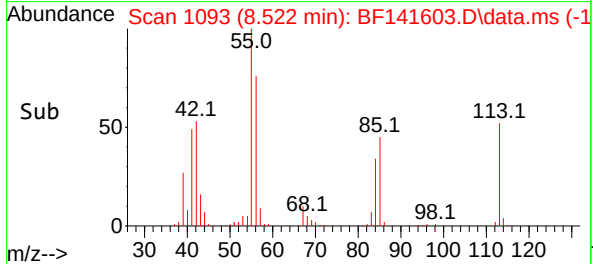
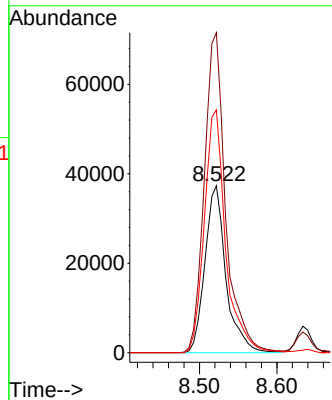
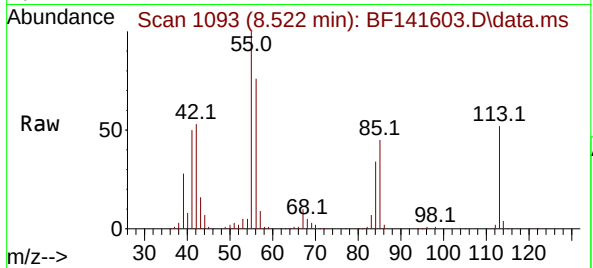
Tgt Ion:113 Resp: 70626

Ion Ratio Lower Upper

113 100

55 191.7 180.8 220.8

56 145.6 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 39.209 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

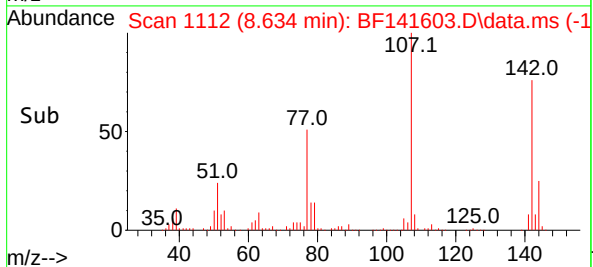
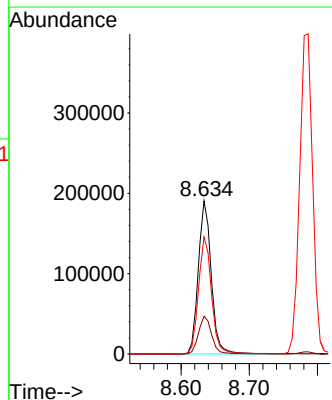
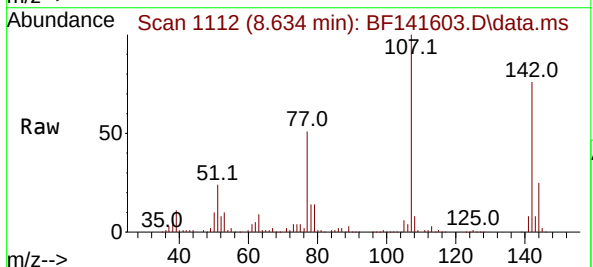
Tgt Ion:107 Resp: 251825

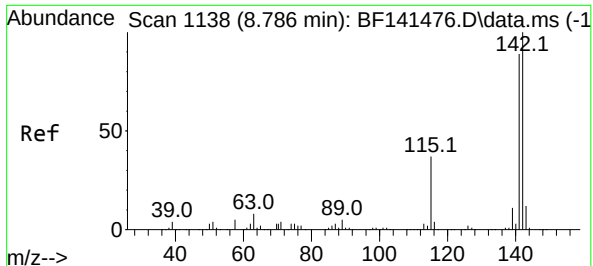
Ion Ratio Lower Upper

107 100

144 24.7 19.7 29.5

142 76.4 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.388 ng

RT: 8.786 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

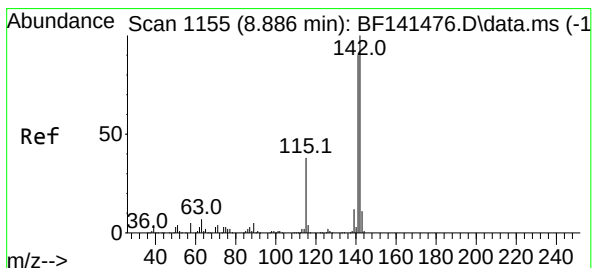
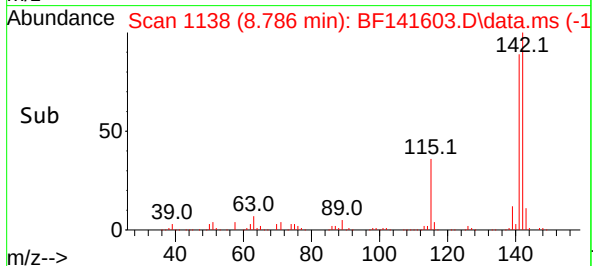
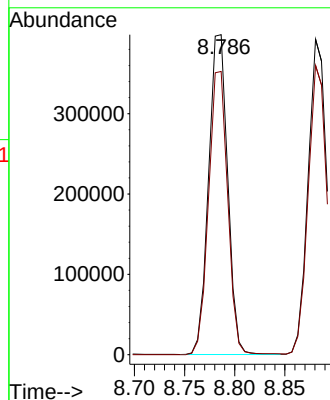
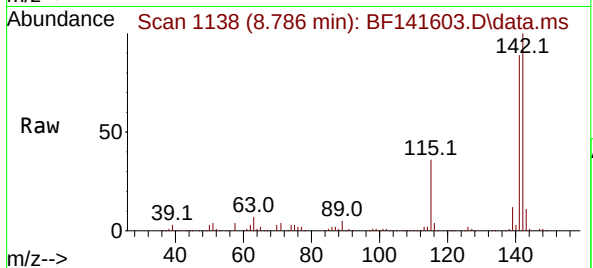
SSTDCCC040

Tgt Ion:142 Resp: 526906

Ion Ratio Lower Upper

142 100

141 88.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.793 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141603.D

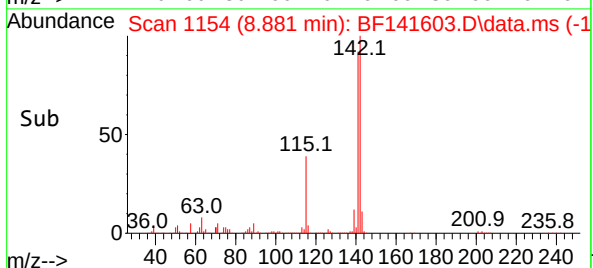
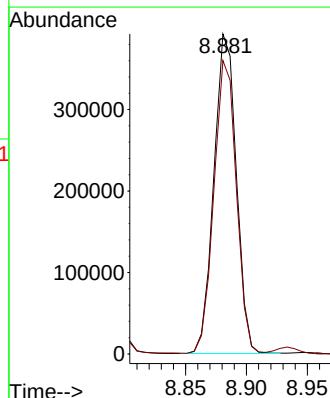
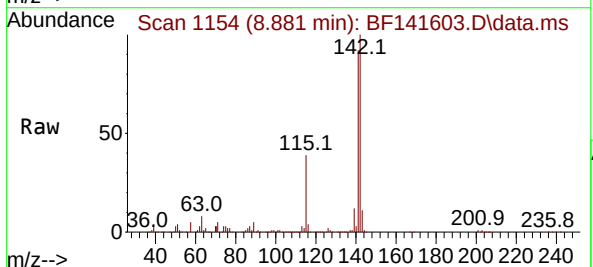
Acq: 13 Feb 2025 10:07

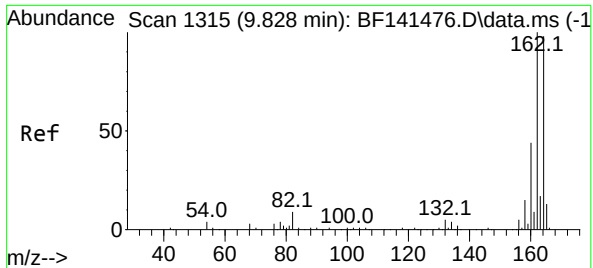
Tgt Ion:142 Resp: 502619

Ion Ratio Lower Upper

142 100

141 91.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

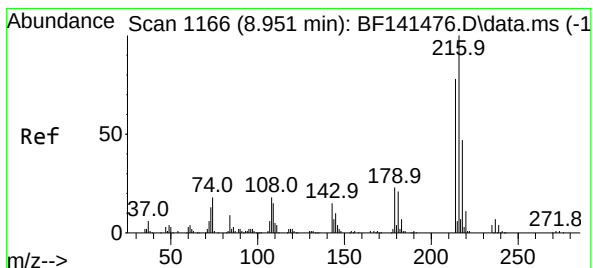
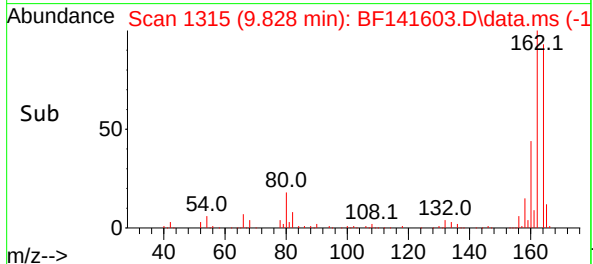
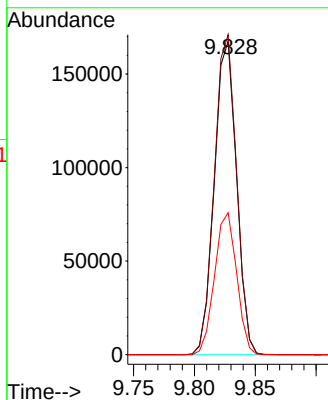
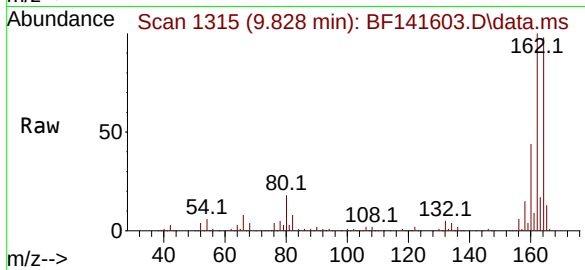
Tgt Ion:164 Resp: 212437

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.979 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Tgt Ion:216 Resp: 251858

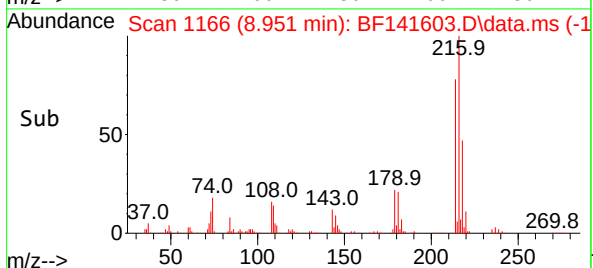
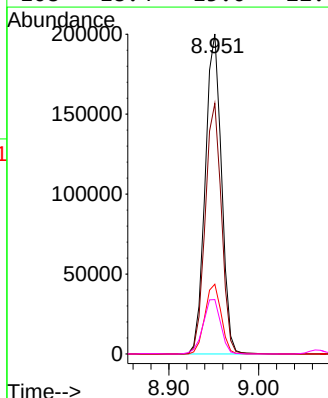
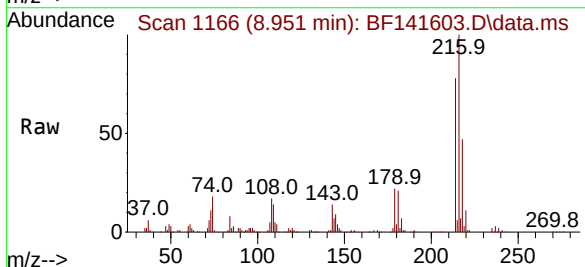
Ion Ratio Lower Upper

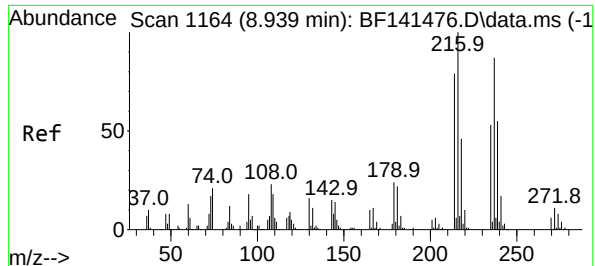
216 100

214 78.1 62.3 93.5

179 21.9 18.0 27.0

108 18.4 15.0 22.6

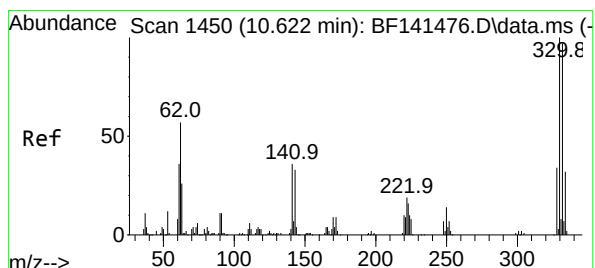
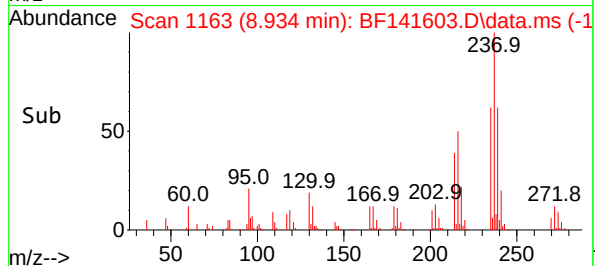
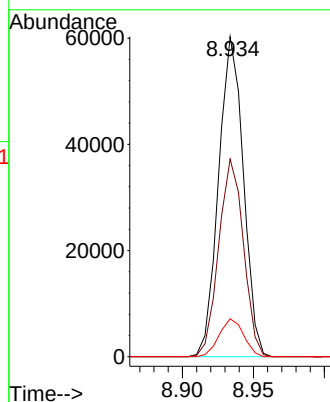
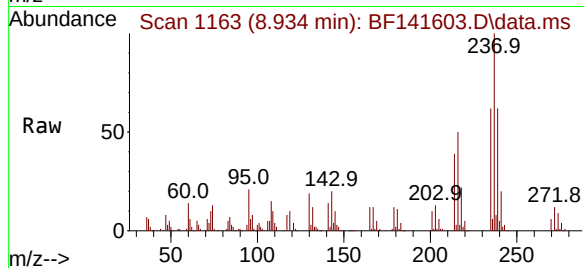




#41
Hexachlorocyclopentadiene
Concen: 35.749 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

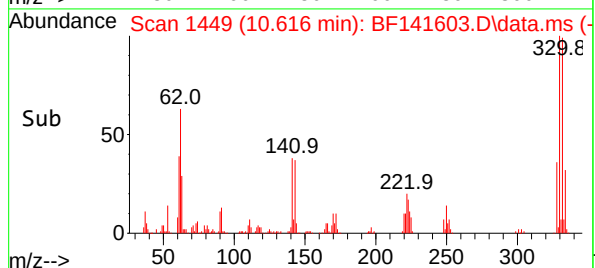
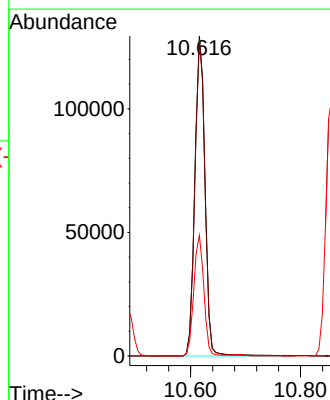
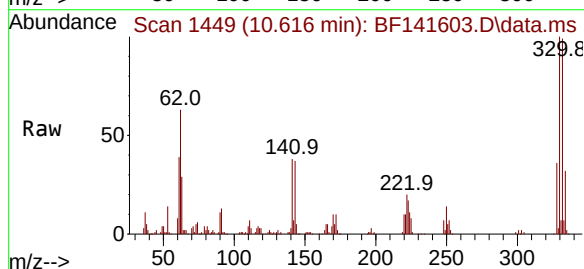
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

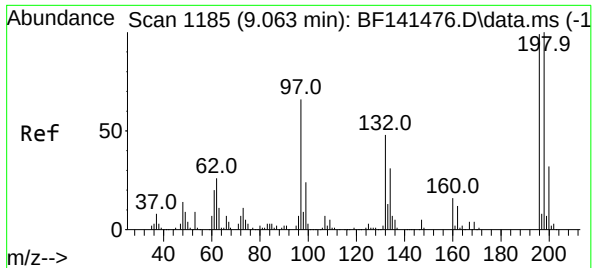
Tgt Ion:237 Resp: 73079
Ion Ratio Lower Upper
237 100
235 61.7 41.4 81.4
272 11.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 77.521 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:330 Resp: 165432
Ion Ratio Lower Upper
330 100
332 98.2 78.5 117.7
141 37.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 40.363 ng

RT: 9.069 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

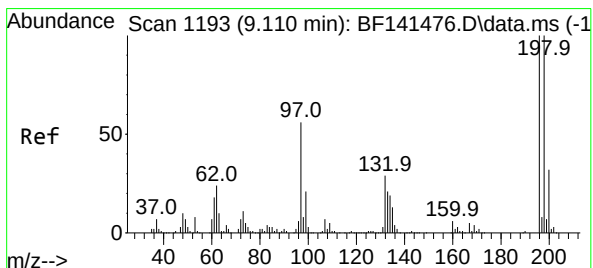
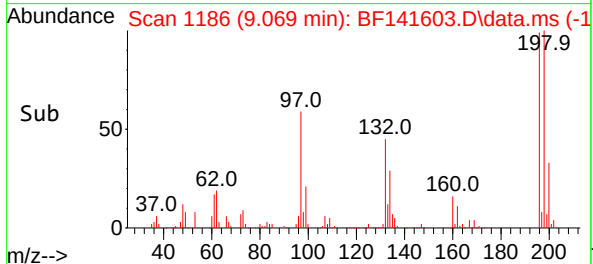
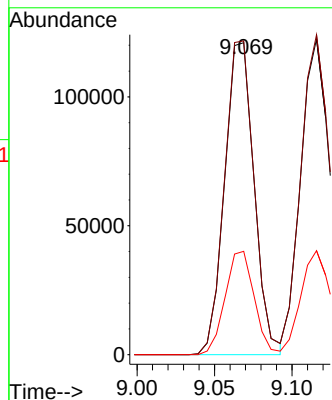
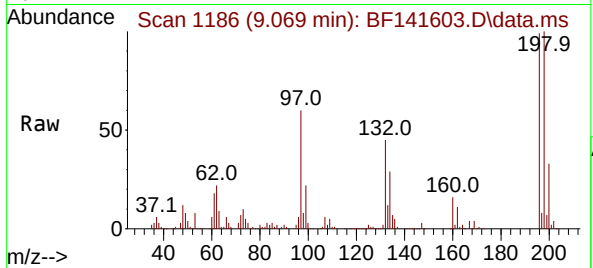
Tgt Ion:196 Resp: 160332

Ion Ratio Lower Upper

196 100

198 100.5 80.6 121.0

200 33.1 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 39.939 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Tgt Ion:196 Resp: 171939

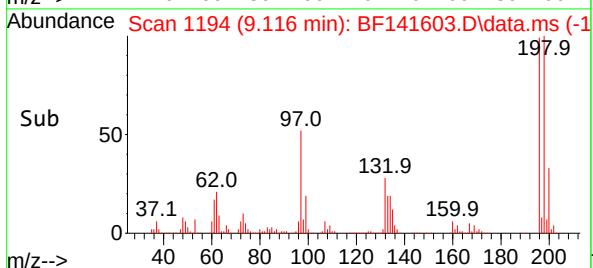
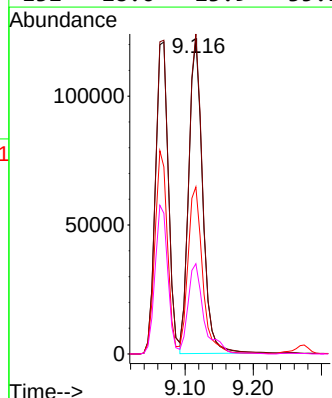
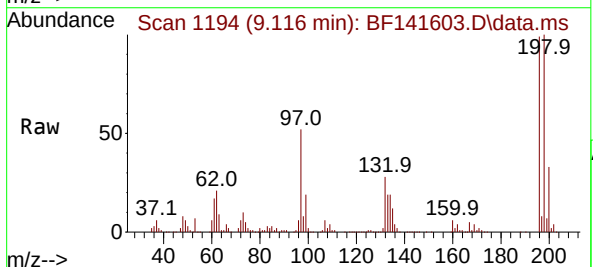
Ion Ratio Lower Upper

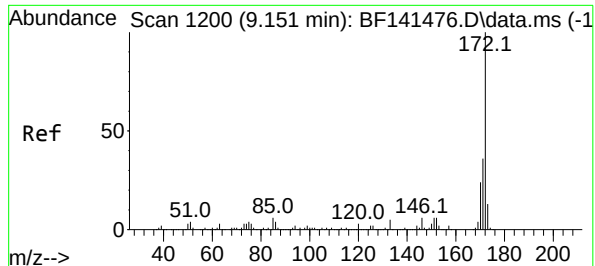
196 100

198 101.4 79.8 119.8

97 52.9 44.8 67.2

132 28.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 78.504 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

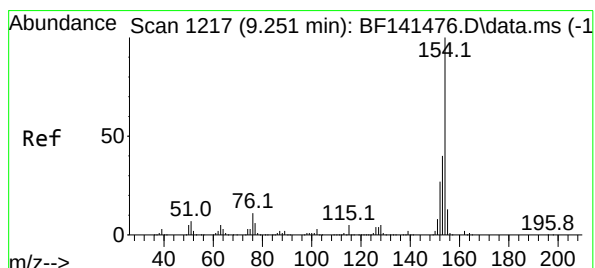
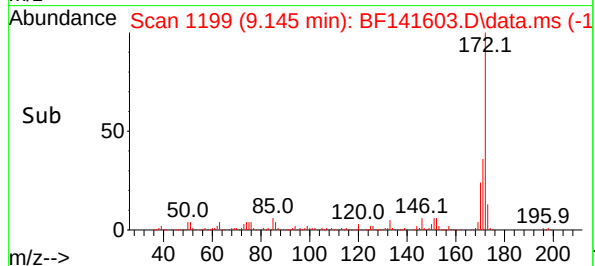
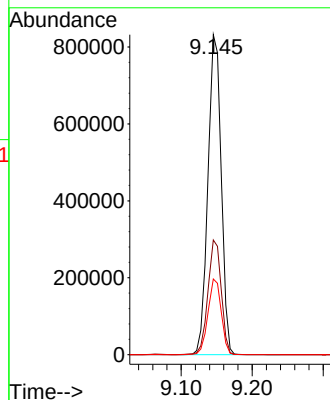
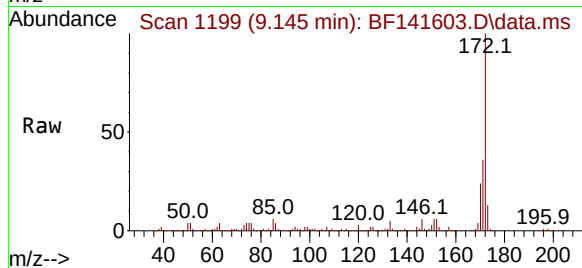
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1082478

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.6	18.9	28.3



#46

1,1'-Biphenyl

Concen: 40.365 ng

RT: 9.251 min Scan# 1217

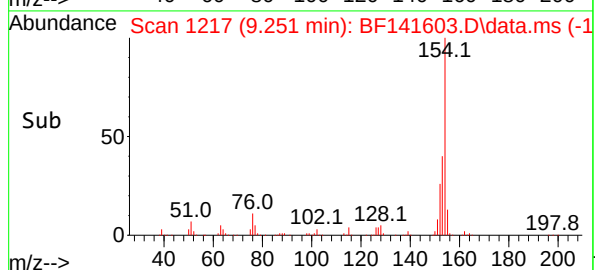
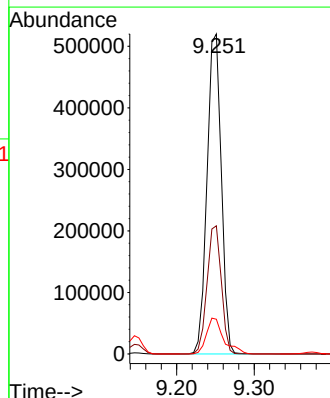
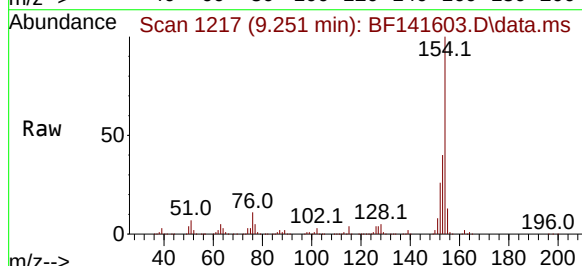
Delta R.T. -0.006 min

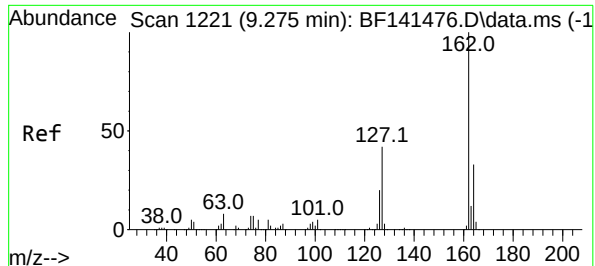
Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Tgt Ion:154 Resp: 664808

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	10.9	0.0	30.8





#47

2-Chloronaphthalene

Concen: 39.891 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

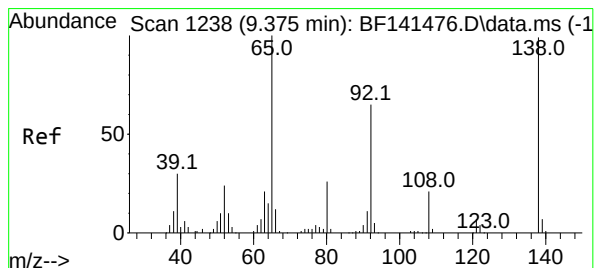
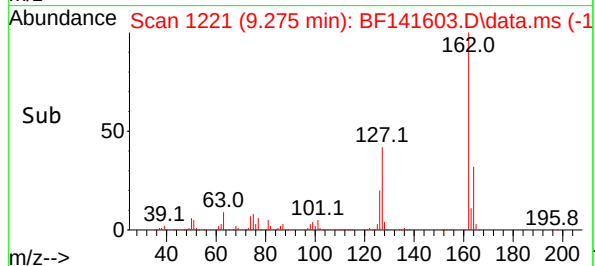
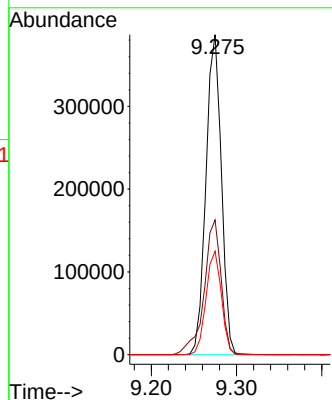
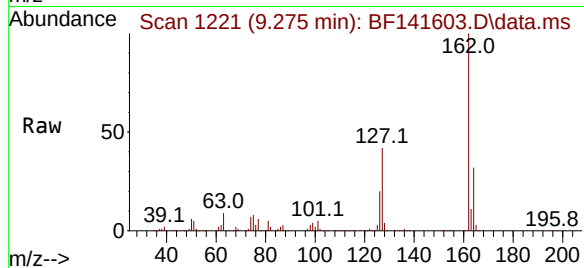
Tgt Ion:162 Resp: 485830

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

164 32.3 26.3 39.5



#48

2-Nitroaniline

Concen: 39.212 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

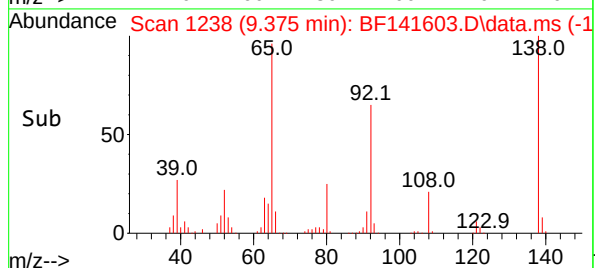
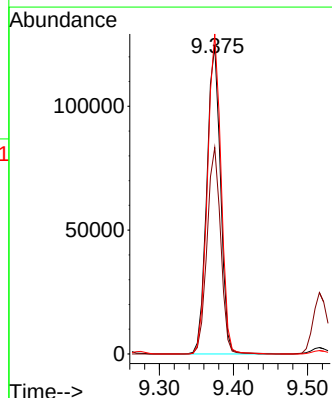
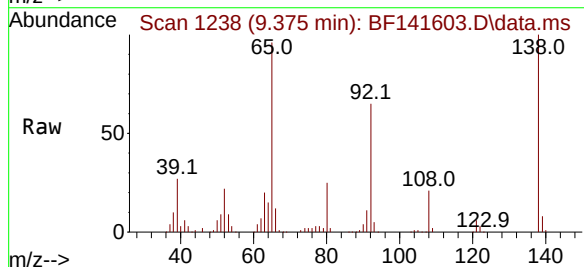
Tgt Ion: 65 Resp: 160269

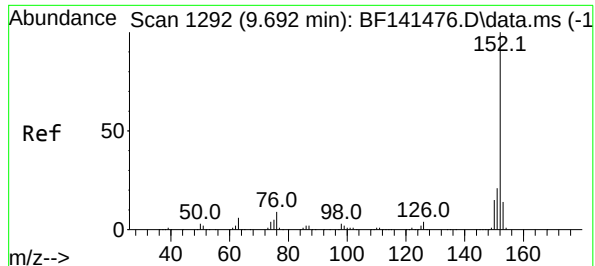
Ion Ratio Lower Upper

65 100

92 67.0 52.2 78.2

138 103.9 79.5 119.3





#49

Acenaphthylene

Concen: 39.489 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

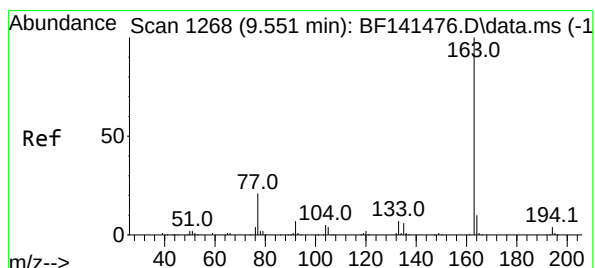
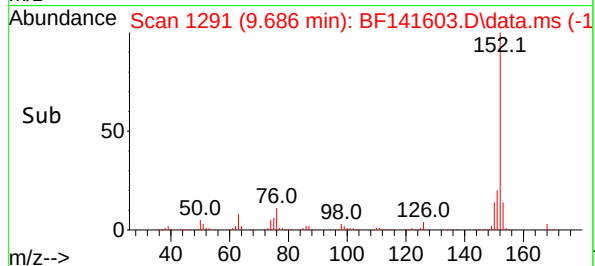
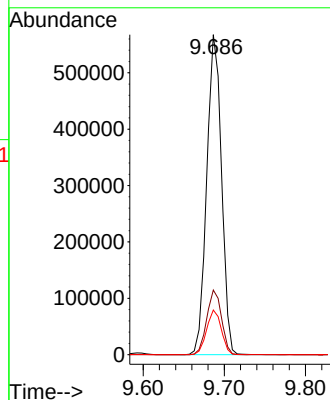
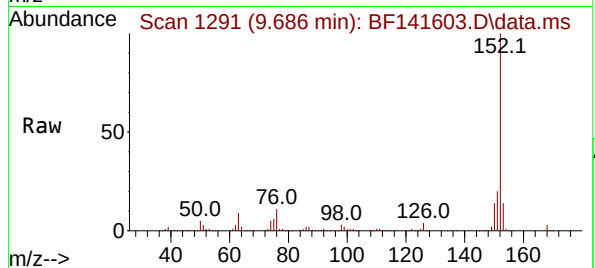
Tgt Ion:152 Resp: 715329

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 40.728 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

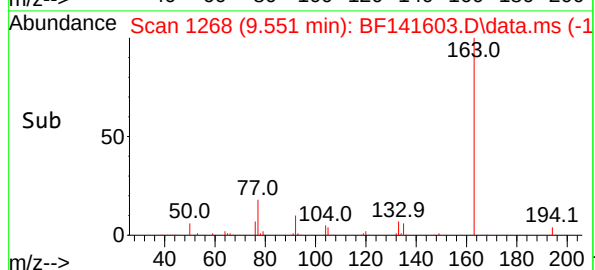
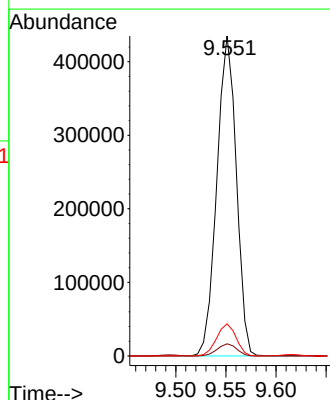
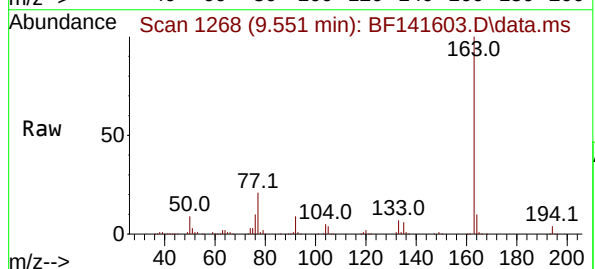
Tgt Ion:163 Resp: 587368

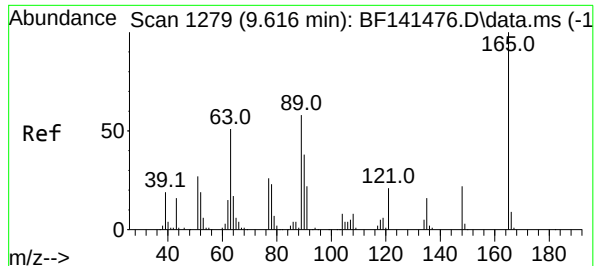
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.0 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 40.122 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

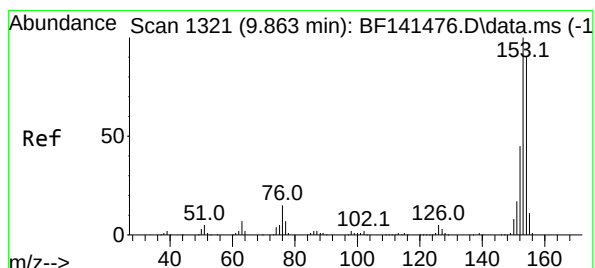
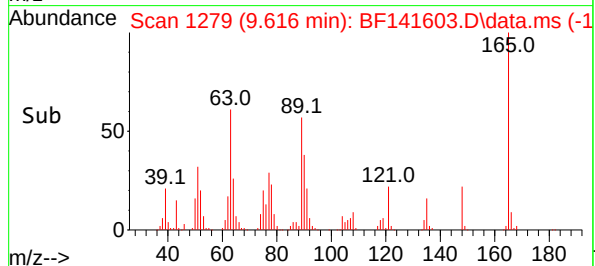
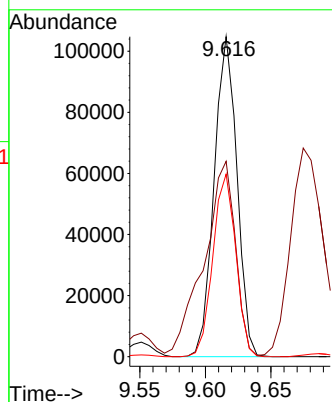
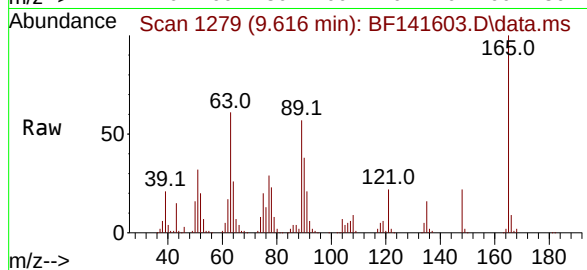
Tgt Ion:165 Resp: 126493

Ion Ratio Lower Upper

165 100

63 61.1 49.4 74.0

89 57.1 46.5 69.7



#52

Acenaphthene

Concen: 39.404 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

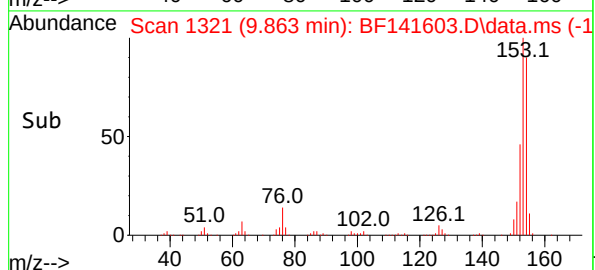
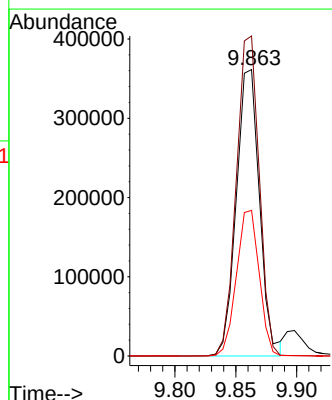
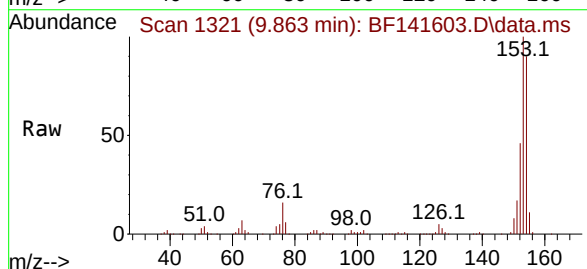
Tgt Ion:154 Resp: 479883

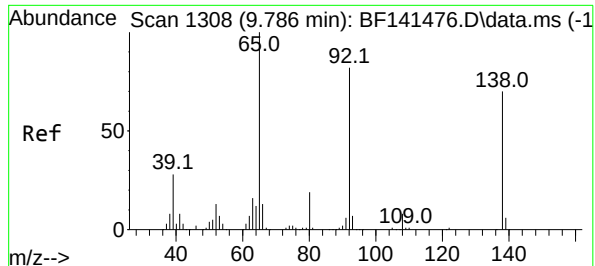
Ion Ratio Lower Upper

154 100

153 111.7 89.2 133.8

152 50.8 39.8 59.8





#53

3-Nitroaniline

Concen: 38.688 ng

RT: 9.786 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

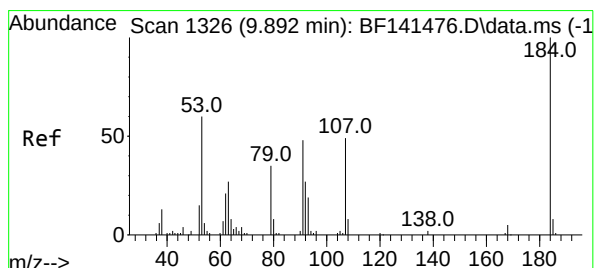
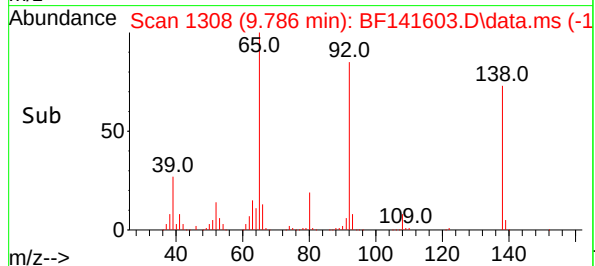
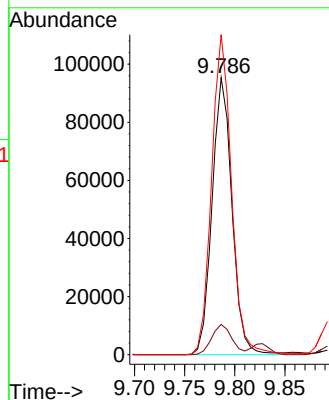
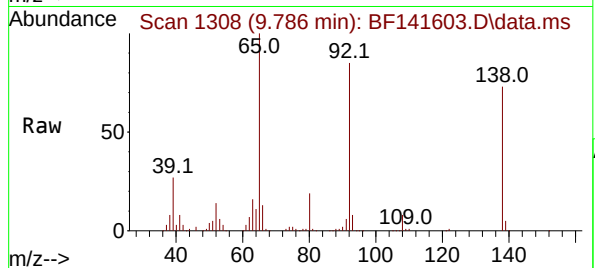
Tgt Ion:138 Resp: 131277

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

92 115.5 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 37.047 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

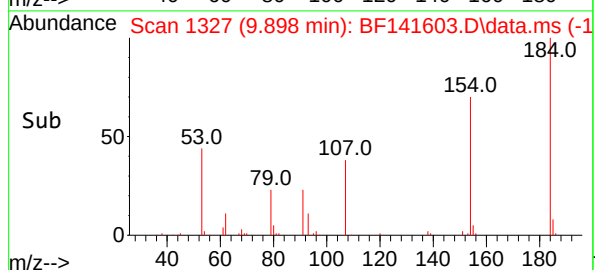
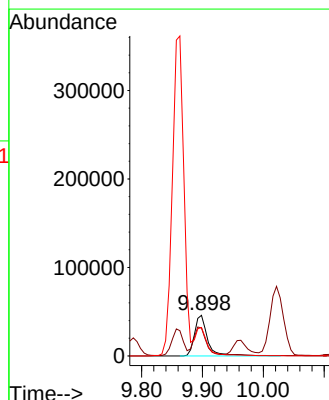
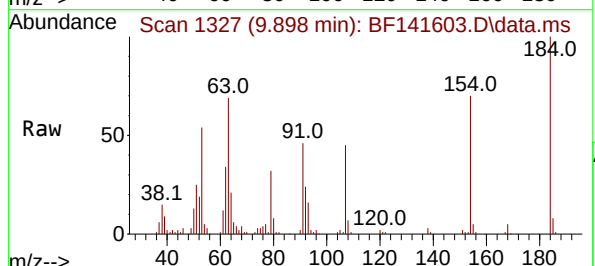
Tgt Ion:184 Resp: 69416

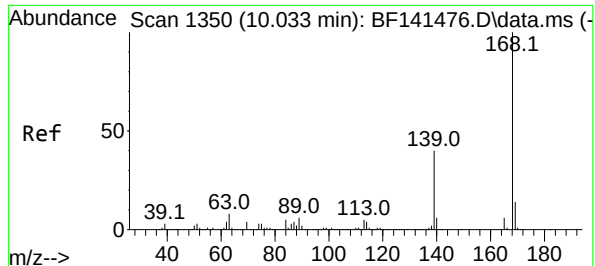
Ion Ratio Lower Upper

184 100

63 68.9 61.0 91.6

154 69.9 59.9 89.9





#55

Dibenzofuran

Concen: 39.069 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

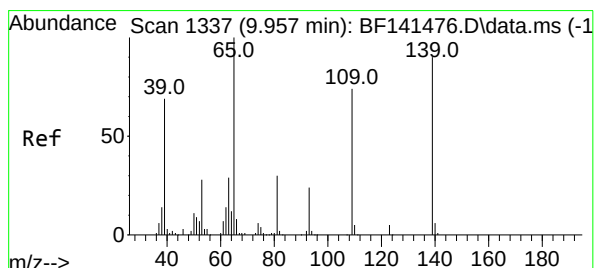
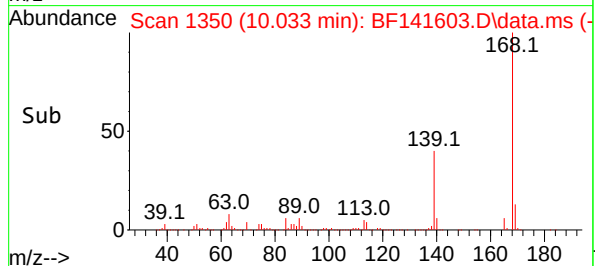
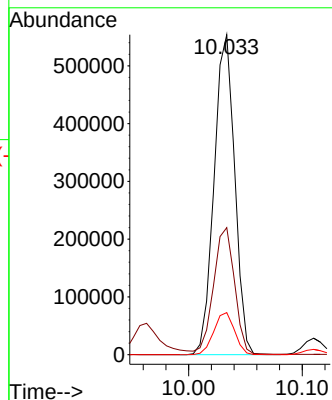
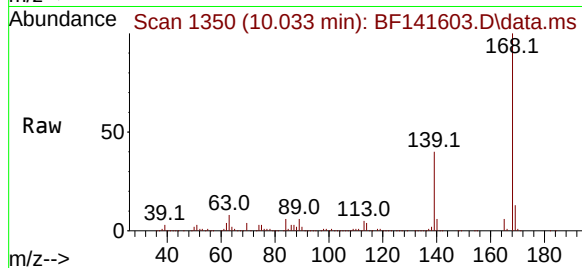
Tgt Ion:168 Resp: 698378

Ion Ratio Lower Upper

168 100

139 39.7 32.7 49.1

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 36.003 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

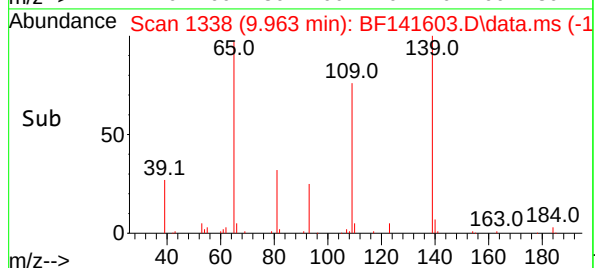
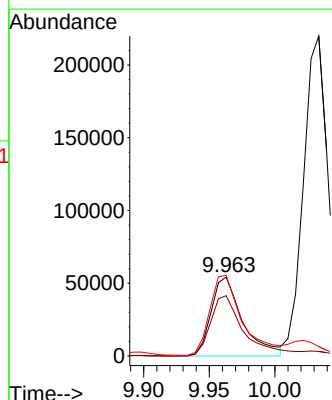
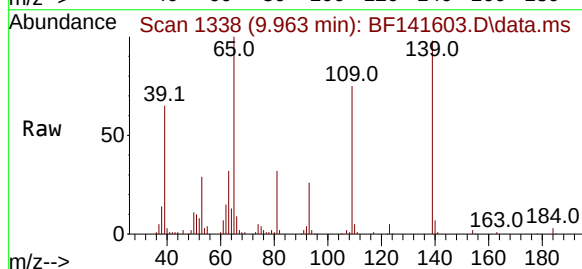
Tgt Ion:139 Resp: 90688

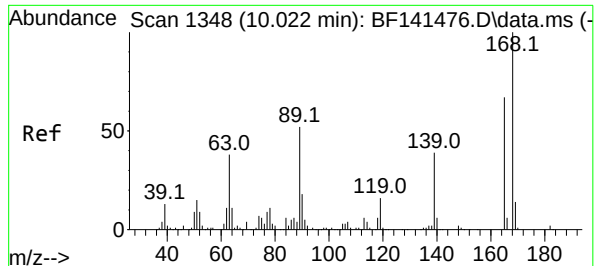
Ion Ratio Lower Upper

139 100

109 76.5 62.0 102.0

65 102.2 91.2 131.2

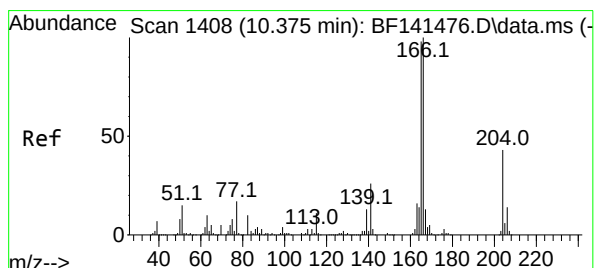
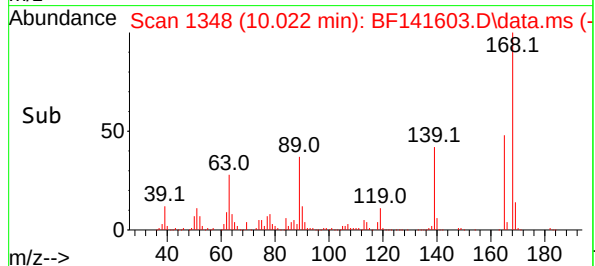
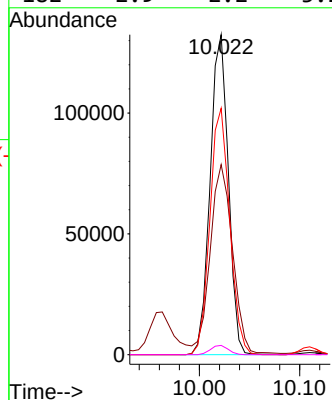
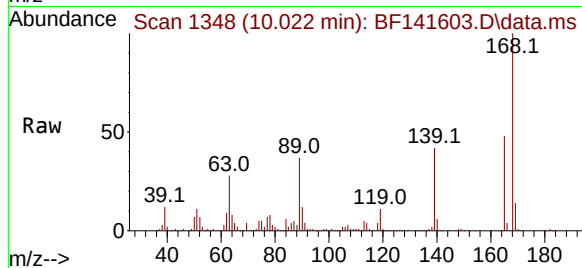




#57
2,4-Dinitrotoluene
Concen: 39.830 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

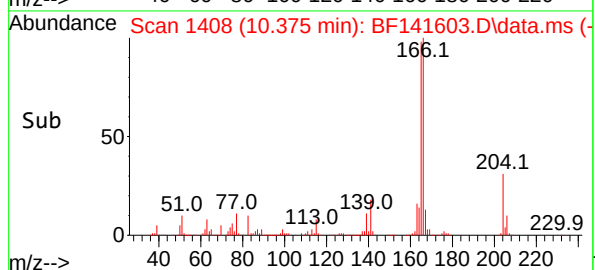
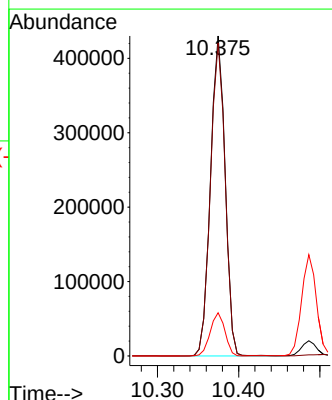
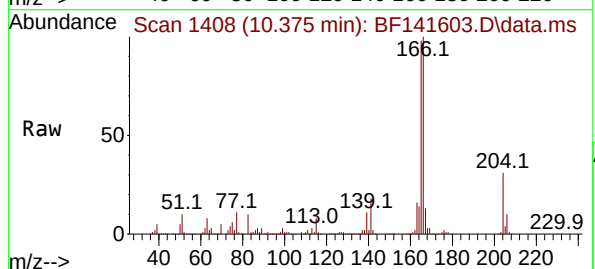
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

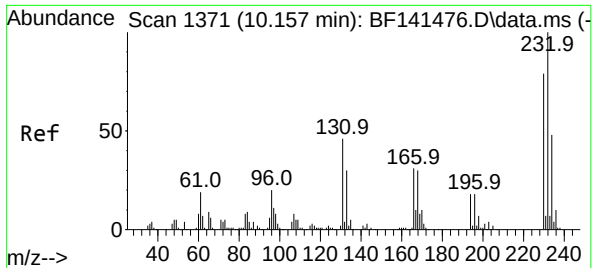
Tgt Ion:165 Resp: 167167
Ion Ratio Lower Upper
165 100
63 59.4 46.4 69.6
89 77.0 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 38.870 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:166 Resp: 537234
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.5 10.7 16.1

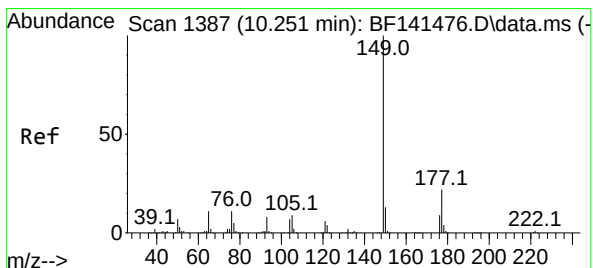
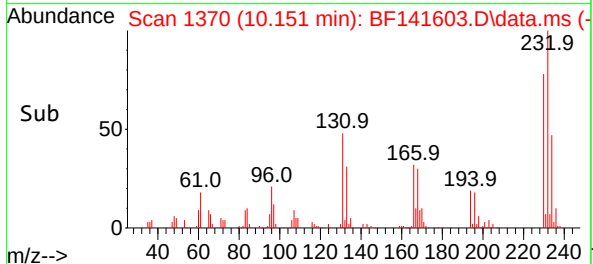
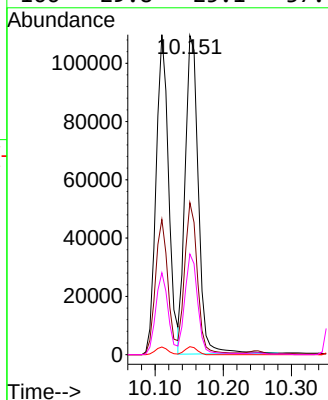
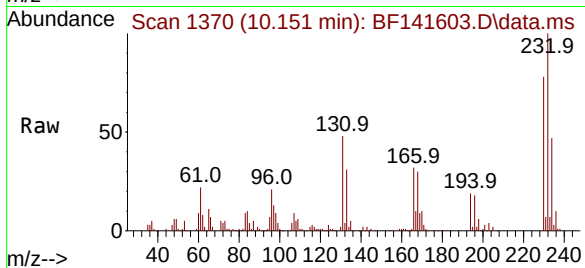




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.455 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

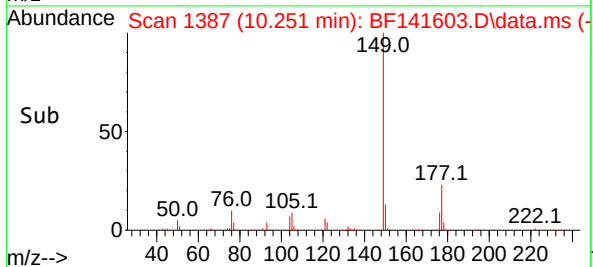
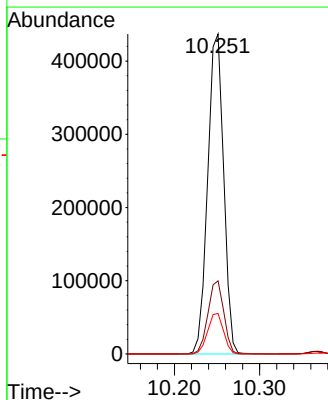
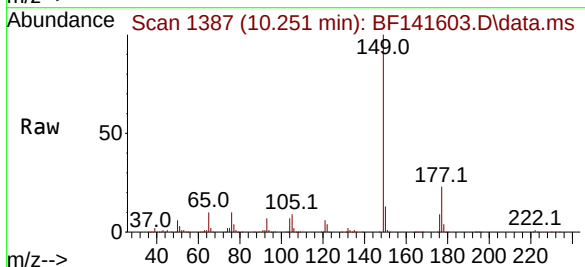
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

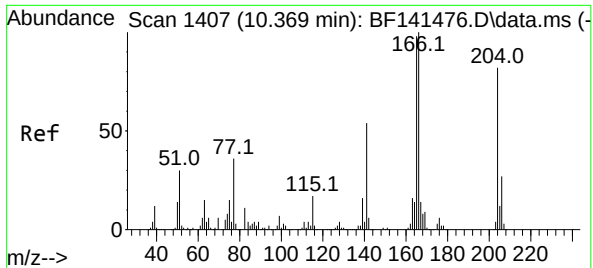
Tgt Ion:232 Resp: 146236
Ion Ratio Lower Upper
232 100
131 45.7 39.2 58.8
130 2.3 2.1 3.1
166 29.8 25.1 37.7



#60
Diethylphthalate
Concen: 40.069 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:149 Resp: 568551
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 12.6 10.1 15.1

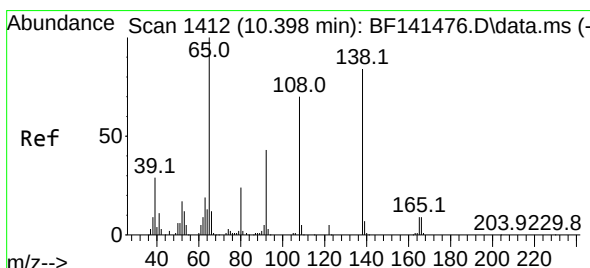
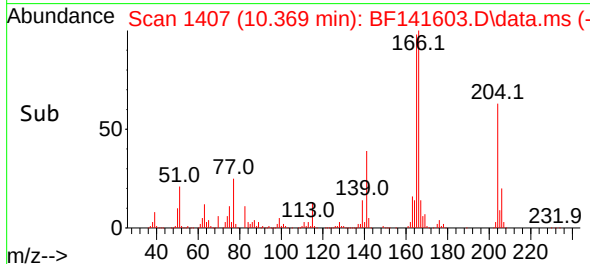
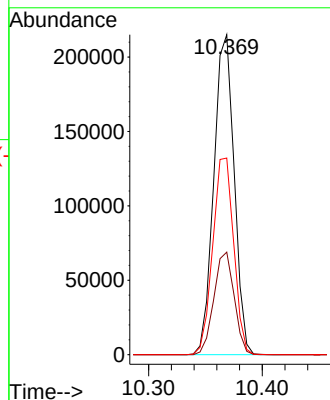
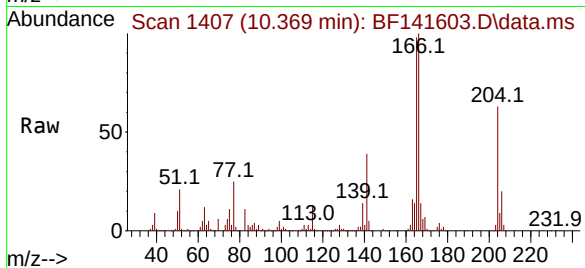




#61
4-Chlorophenyl-phenylether
Concen: 40.311 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

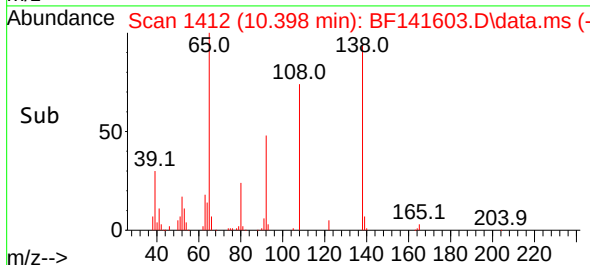
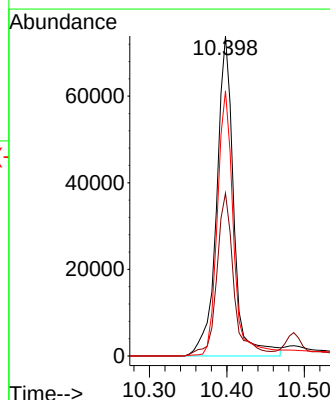
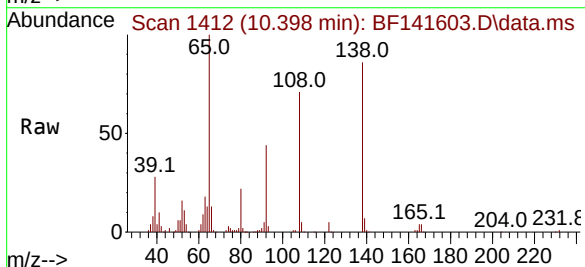
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

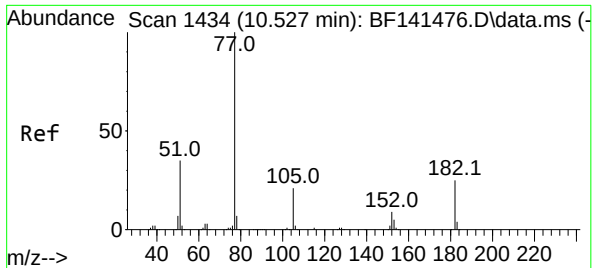
Tgt Ion:204 Resp: 268040
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 61.5 51.9 77.9



#62
4-Nitroaniline
Concen: 32.936 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:138 Resp: 113483
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 82.9 63.7 103.7

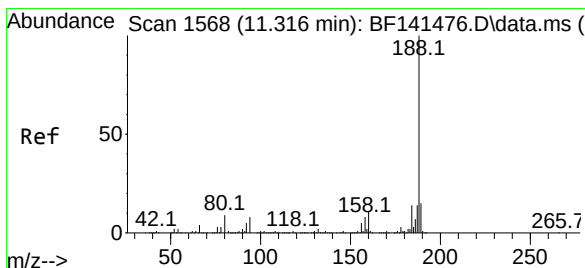
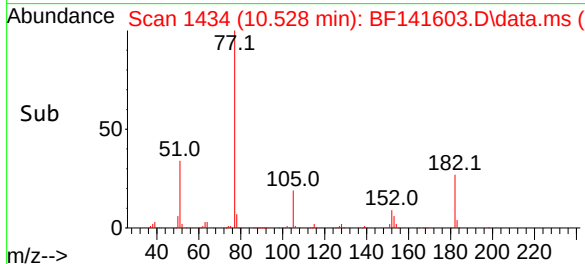
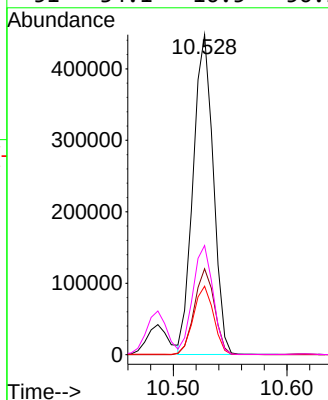
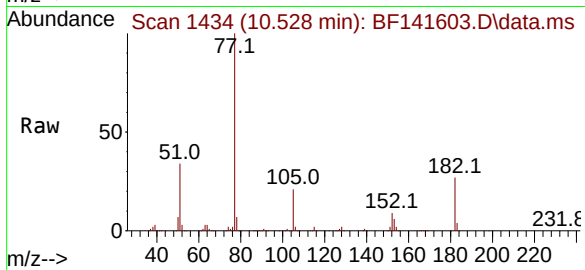




#63
Azobenzene
Concen: 39.078 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

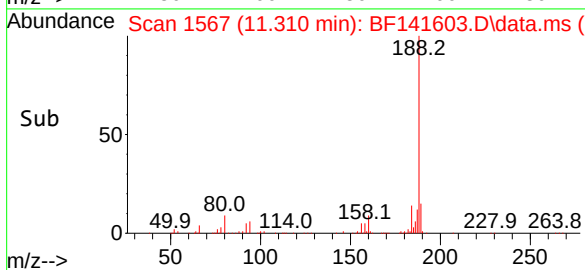
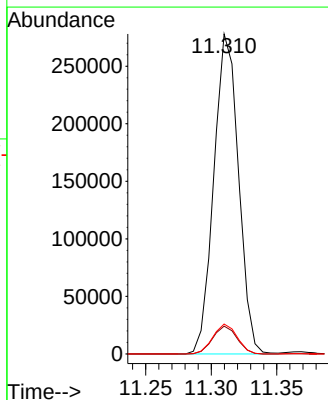
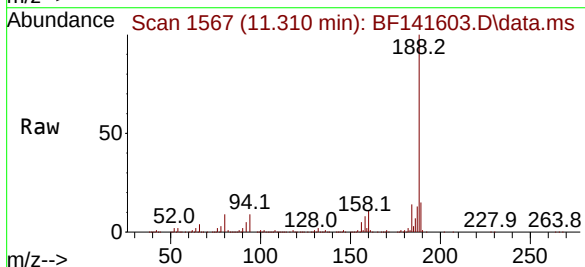
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

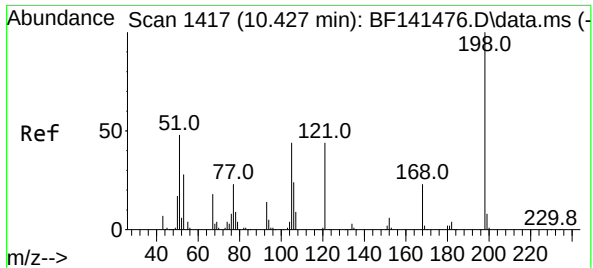
Tgt Ion:	77	Resp:	551237
Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.7	44.7
105	21.4	0.4	40.4
51	34.1	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:	188	Resp:	363954
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.3	7.3	10.9

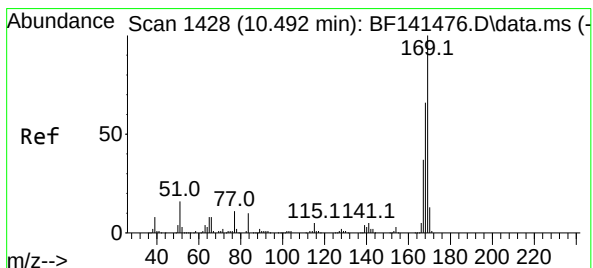
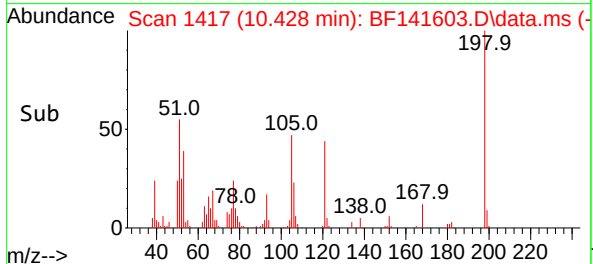
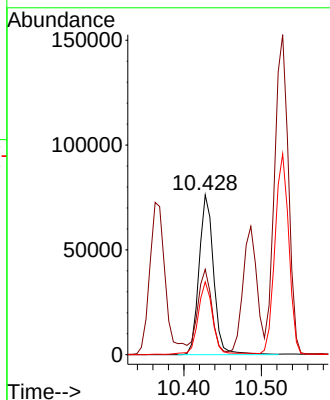
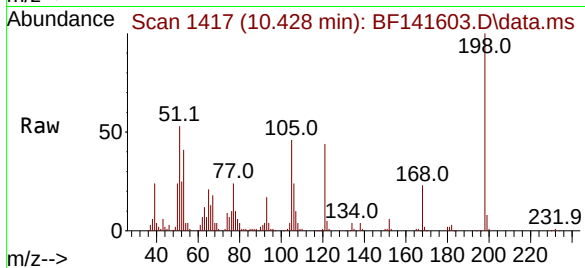




#65
4,6-Dinitro-2-methylphenol
Concen: 39.326 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

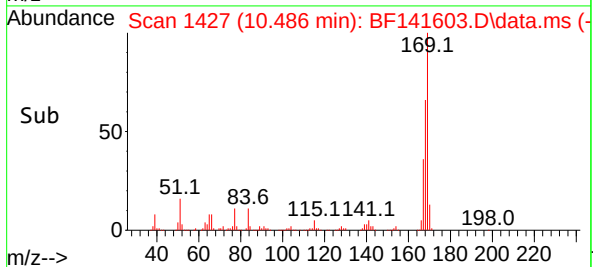
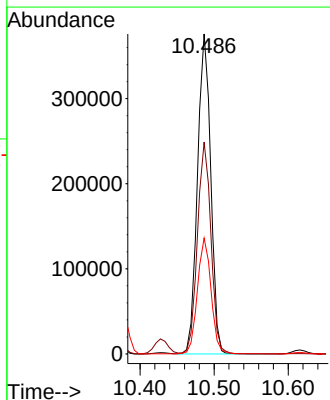
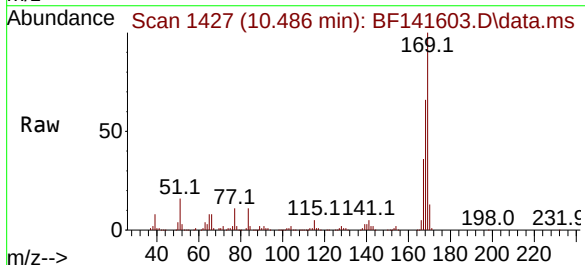
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

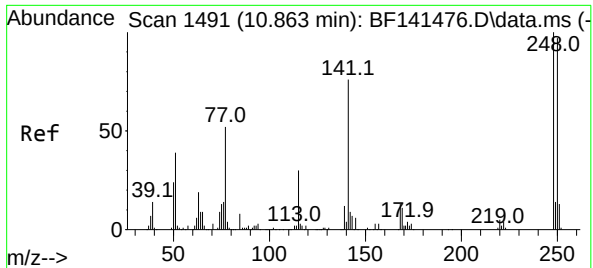
Tgt Ion:198 Resp: 99425
Ion Ratio Lower Upper
198 100
51 53.4 37.4 77.4
105 45.6 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 40.016 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:169 Resp: 466206
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 36.2 29.4 44.2

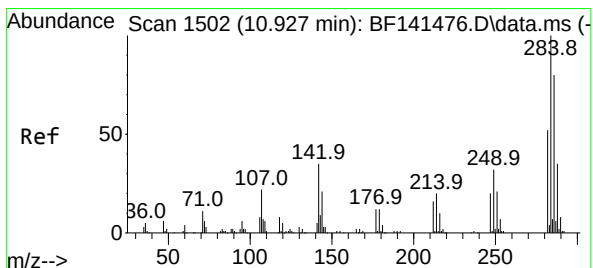
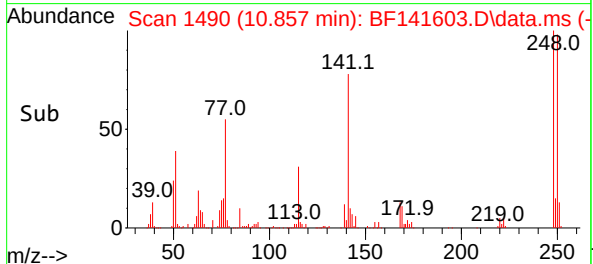
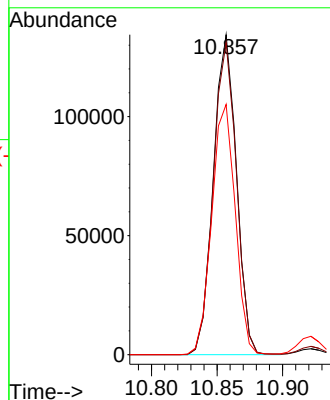
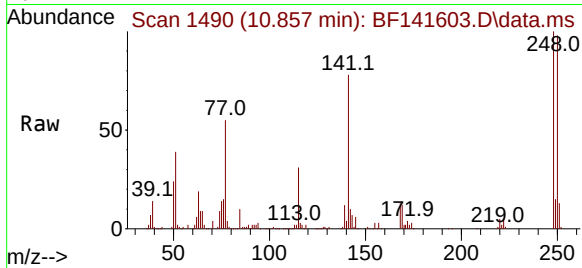




#67
4-Bromophenyl-phenylether
Concen: 40.437 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

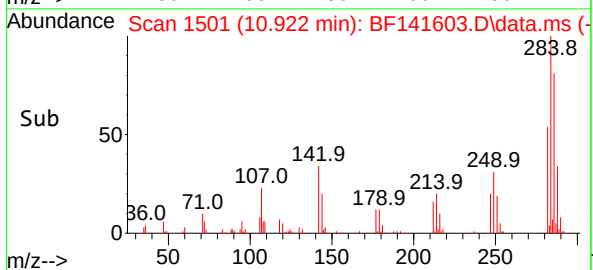
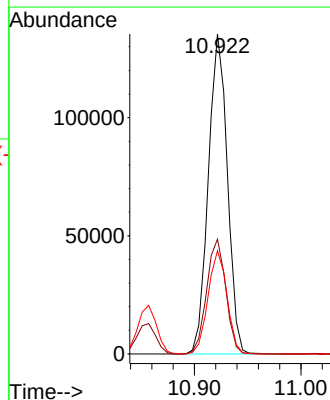
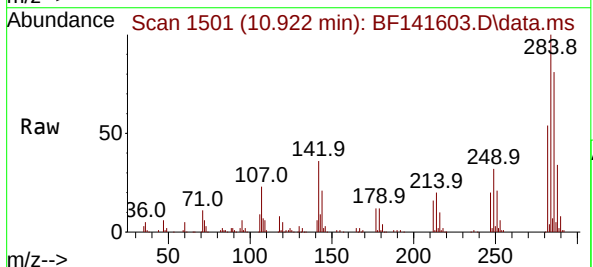
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

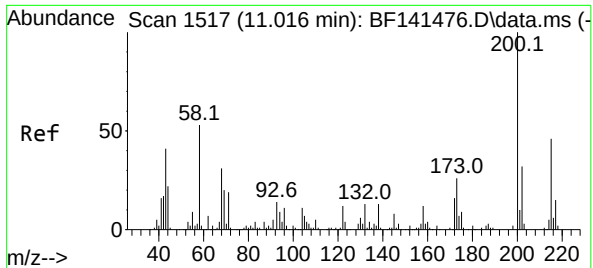
Tgt Ion:248 Resp: 164484
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 78.2 60.6 90.8



#68
Hexachlorobenzene
Concen: 40.203 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:284 Resp: 168395
Ion Ratio Lower Upper
284 100
142 35.9 28.0 42.0
249 32.2 25.8 38.8





#69

Atrazine

Concen: 33.481 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

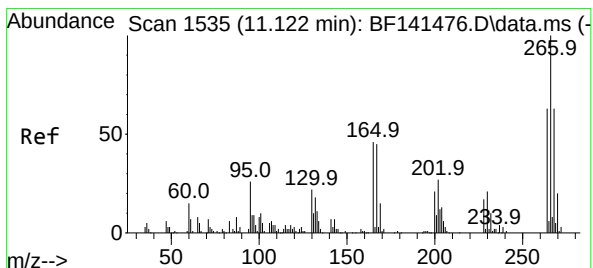
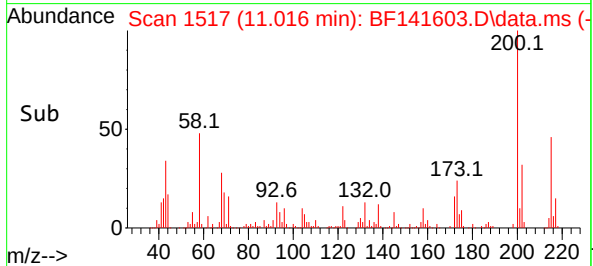
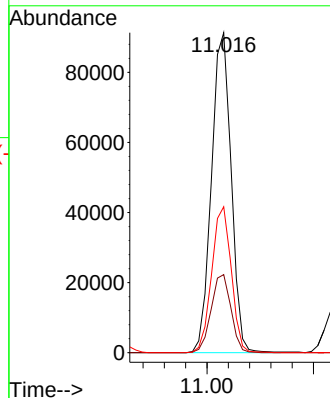
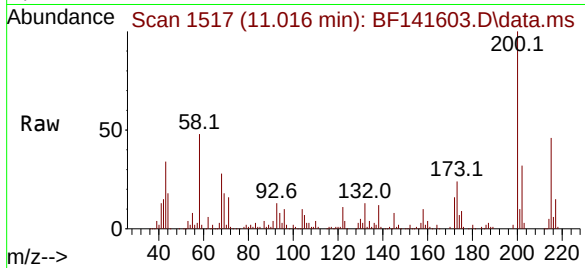
Tgt Ion:200 Resp: 117022

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

215 45.6 25.9 65.9



#70

Pentachlorophenol

Concen: 37.062 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

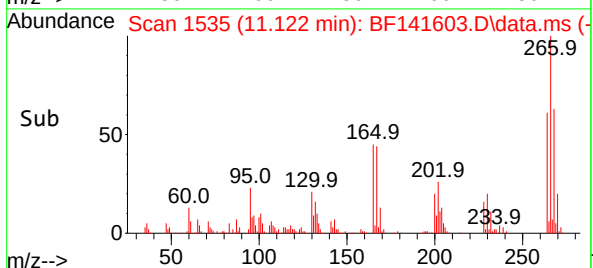
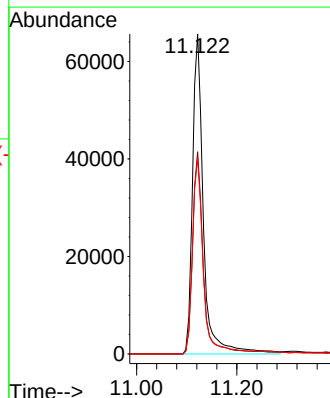
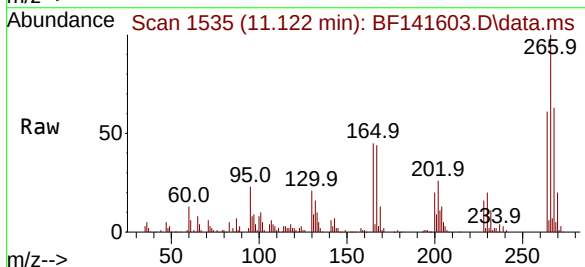
Tgt Ion:266 Resp: 99261

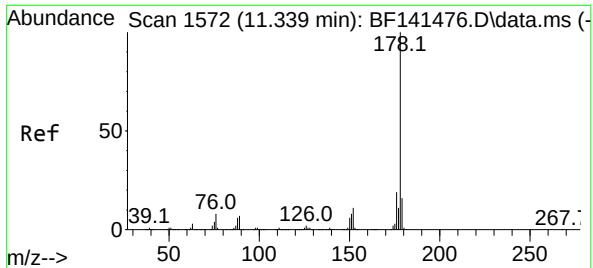
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

264 61.3 50.1 75.1

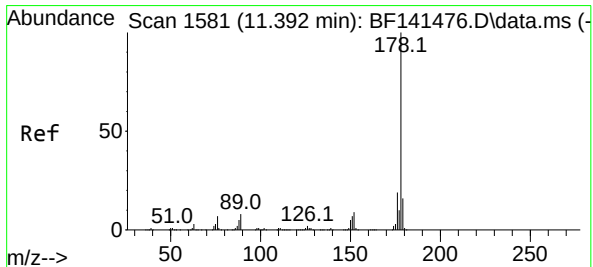
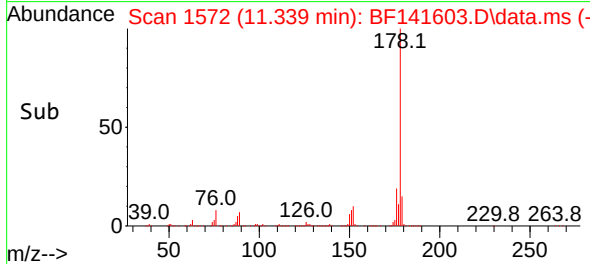
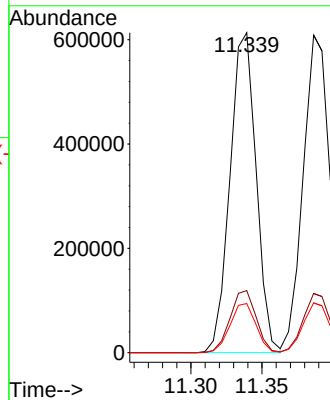
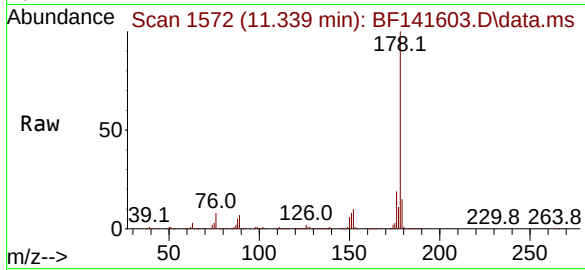




#71
Phenanthrene
Concen: 39.299 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

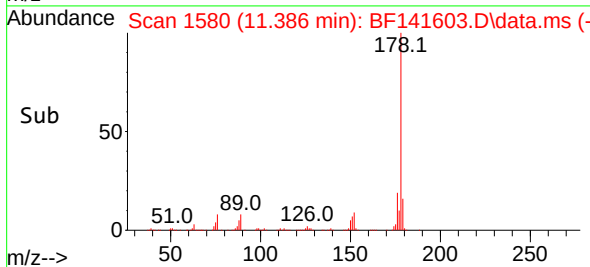
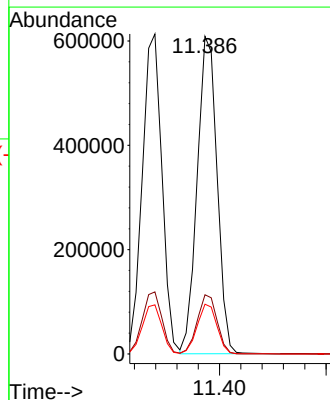
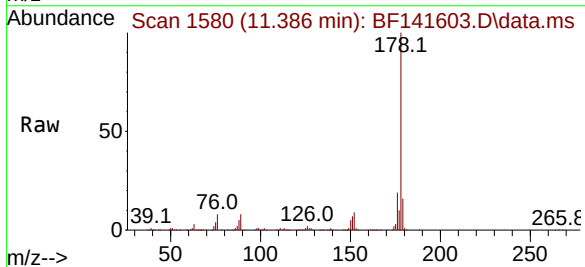
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

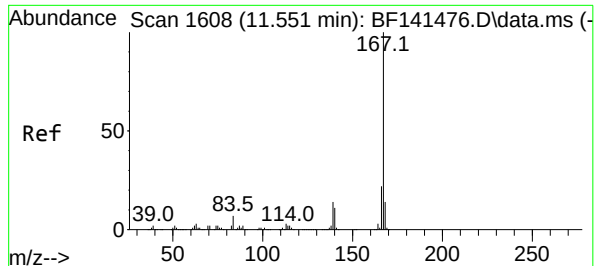
Tgt Ion:178 Resp: 787310
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 39.340 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:178 Resp: 792280
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.7 12.4 18.6

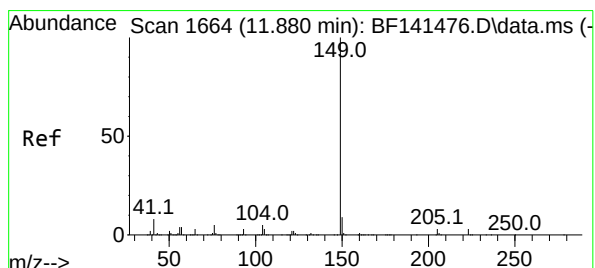
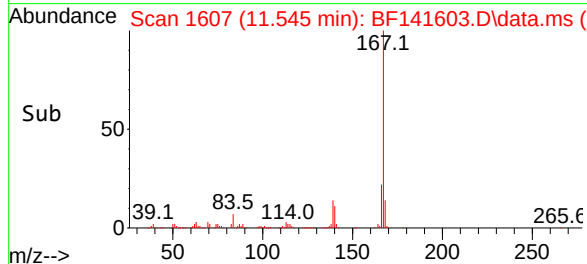
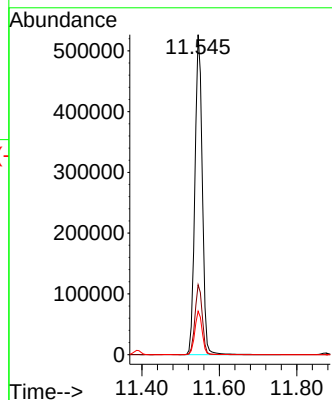
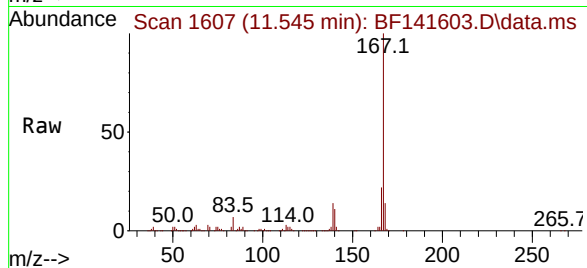




#73
 Carbazole
 Concen: 38.398 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141603.D
 Acq: 13 Feb 2025 10:07

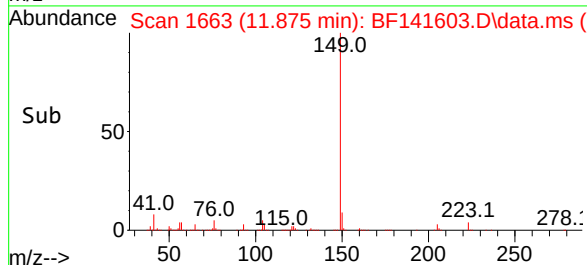
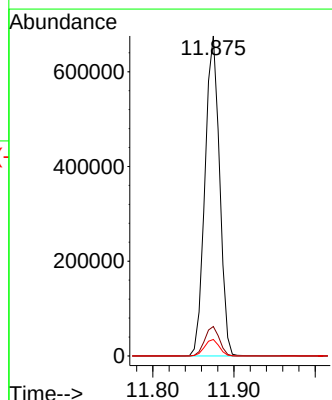
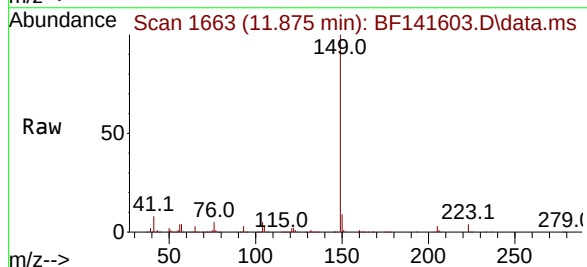
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

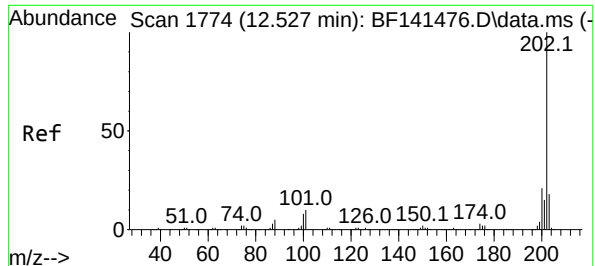
Tgt Ion:167 Resp: 695808
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.259 ng
 RT: 11.875 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF141603.D
 Acq: 13 Feb 2025 10:07

Tgt Ion:149 Resp: 842366
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2

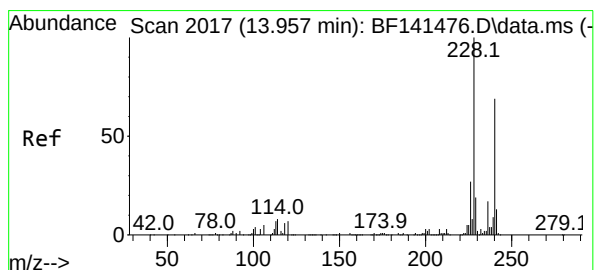
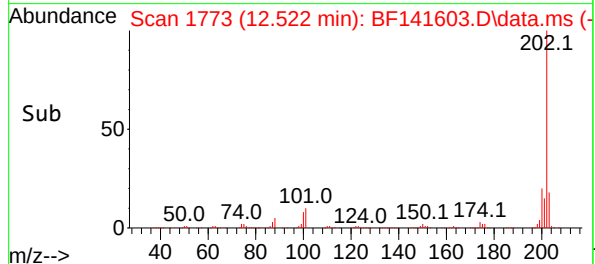
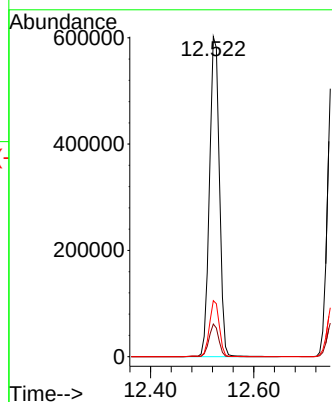
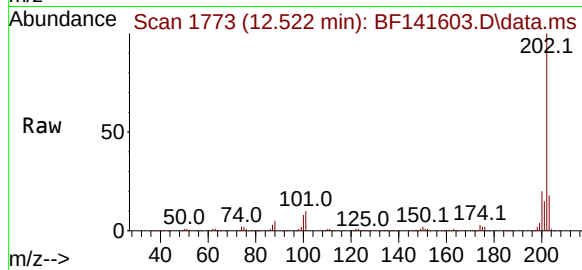




#75
Fluoranthene
Concen: 37.671 ng
RT: 12.522 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

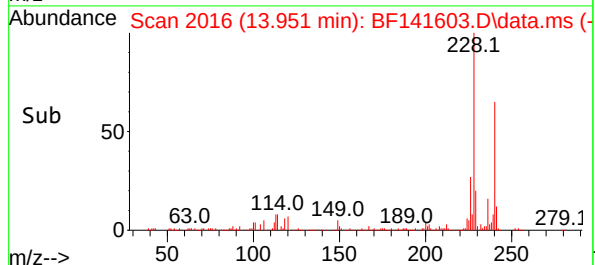
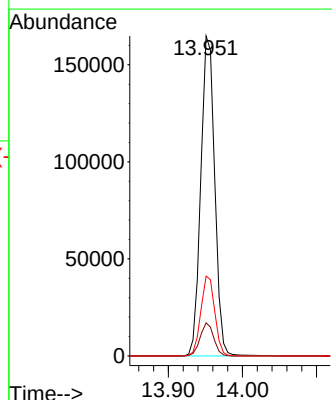
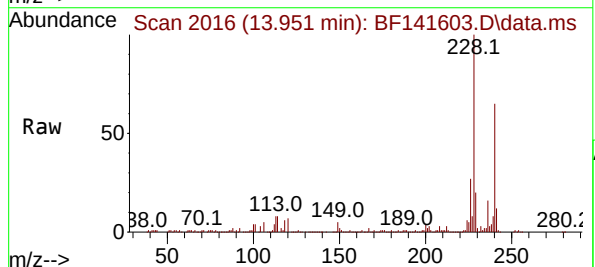
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

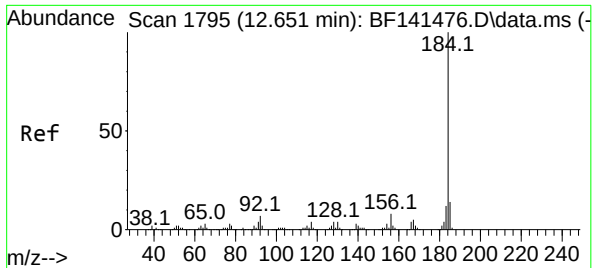
Tgt Ion:202 Resp: 800139
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:240 Resp: 215290
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.0 19.8 29.8





#77

Benzidine

Concen: 17.147 ng

RT: 12.663 min Scan# 1797

Delta R.T. 0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

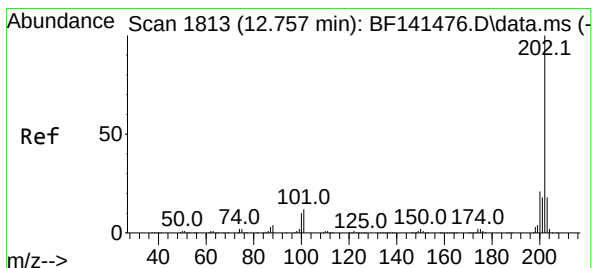
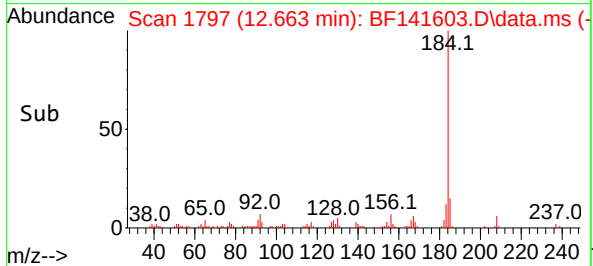
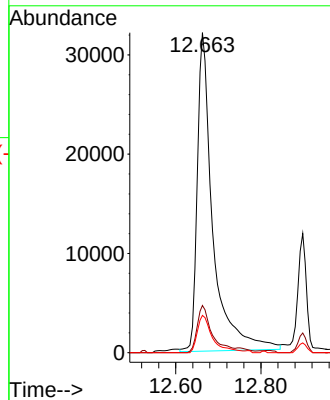
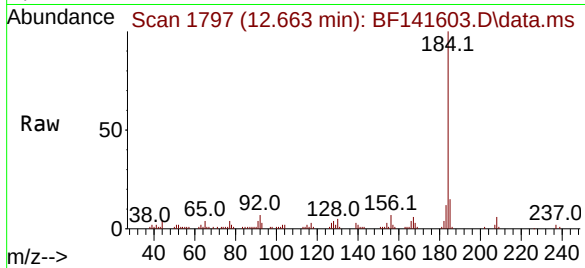
Tgt Ion:184 Resp: 81417

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

183 11.7 9.3 13.9



#78

Pyrene

Concen: 43.747 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

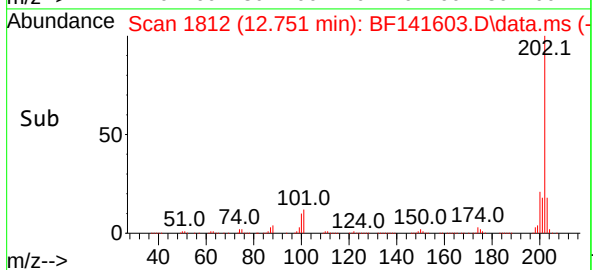
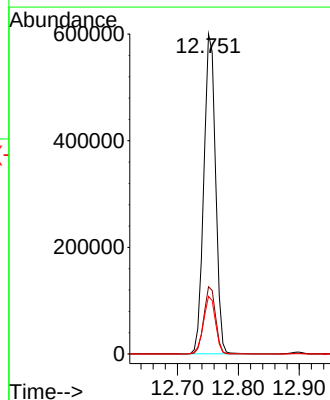
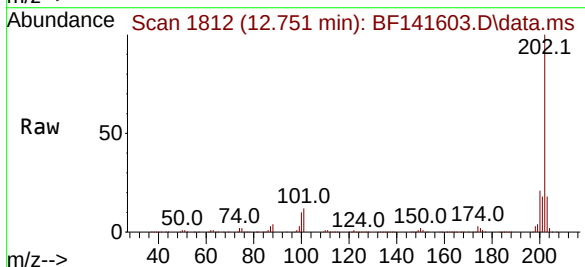
Tgt Ion:202 Resp: 801756

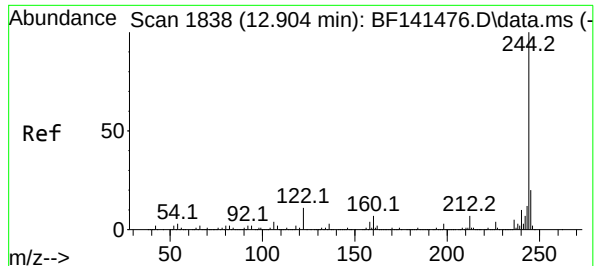
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 86.896 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

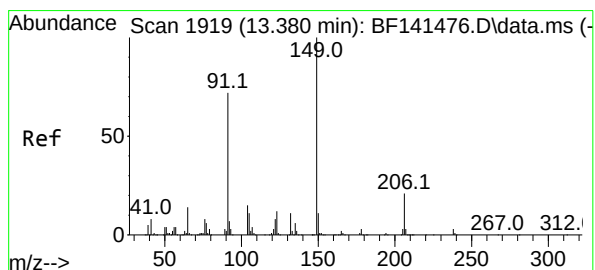
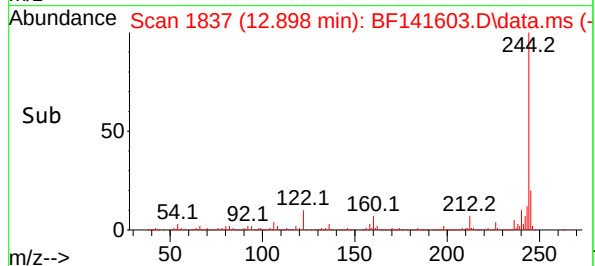
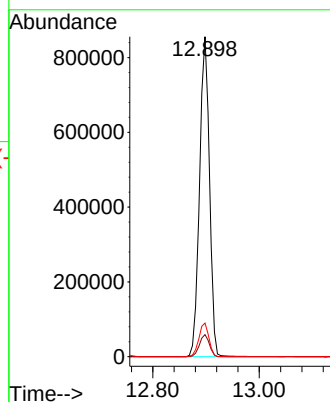
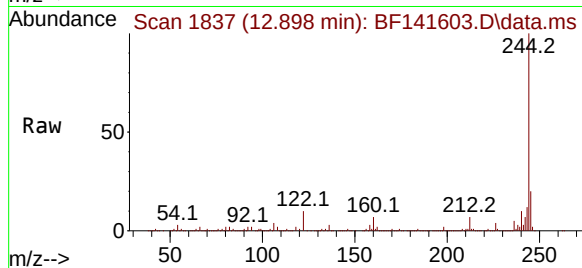
Tgt Ion:244 Resp: 1108169

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.5 8.4 12.6



#80

Butylbenzylphthalate

Concen: 43.590 ng

RT: 13.369 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

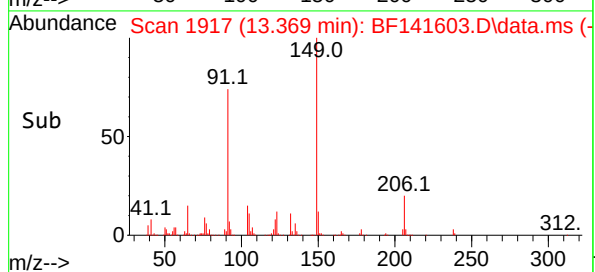
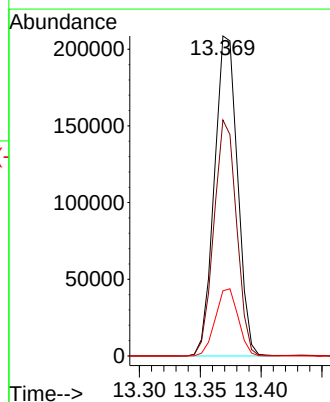
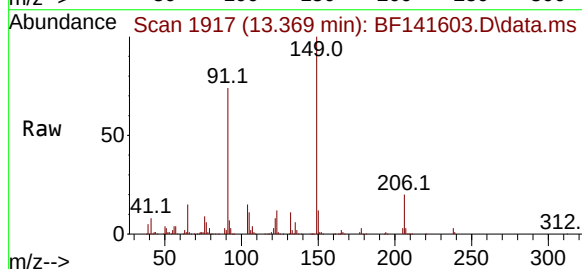
Tgt Ion:149 Resp: 276706

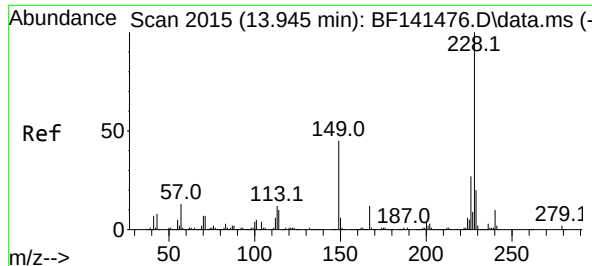
Ion Ratio Lower Upper

149 100

91 73.7 57.8 86.8

206 20.3 16.7 25.1





#81

Benzo(a)anthracene

Concen: 39.426 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

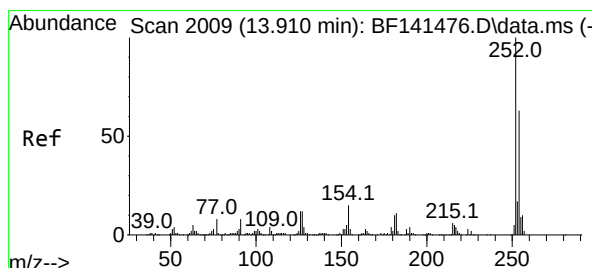
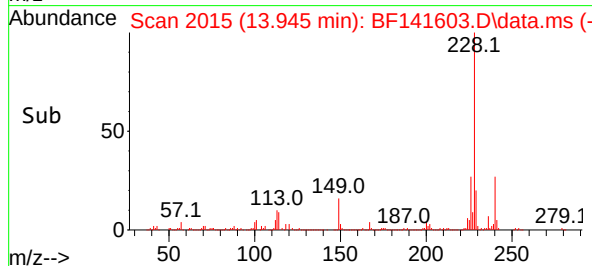
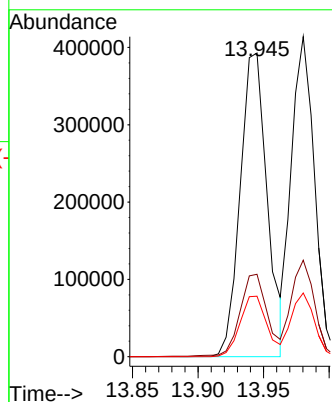
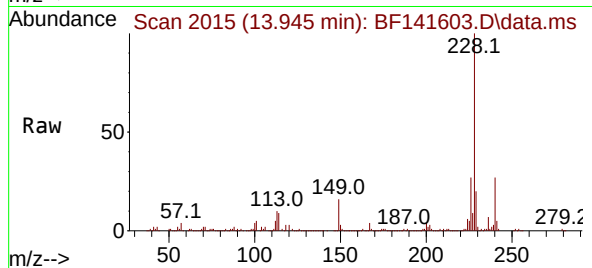
Tgt Ion:228 Resp: 564233

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 33.774 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

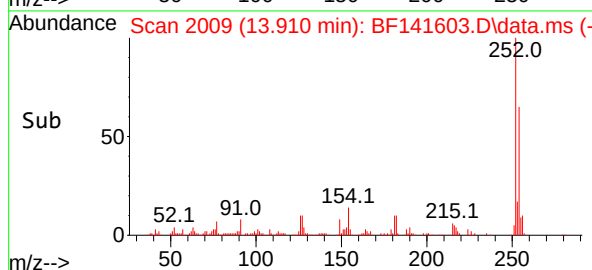
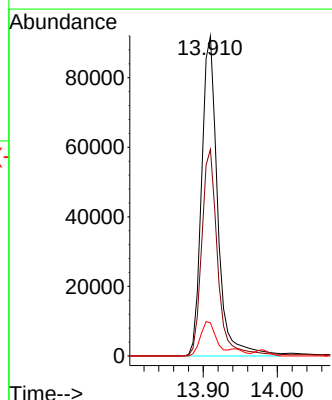
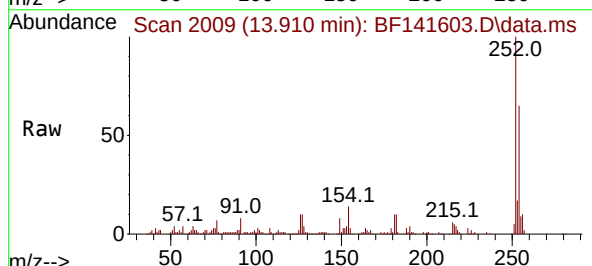
Tgt Ion:252 Resp: 138454

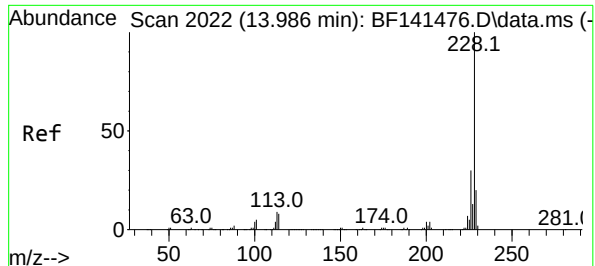
Ion Ratio Lower Upper

252 100

254 64.6 50.6 76.0

126 10.4 9.3 13.9





#83

Chrysene

Concen: 38.447 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

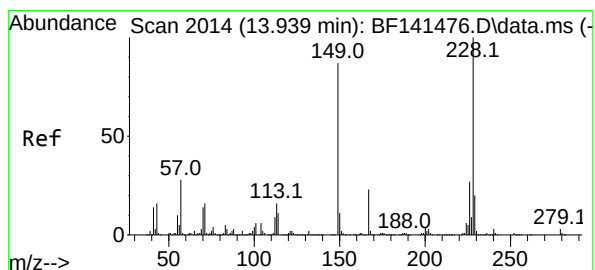
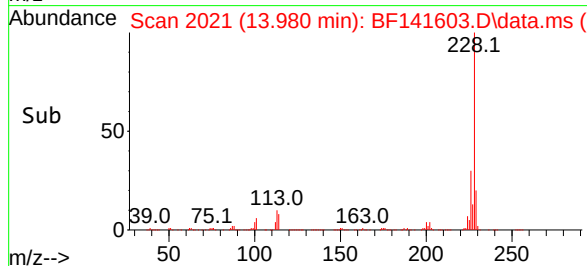
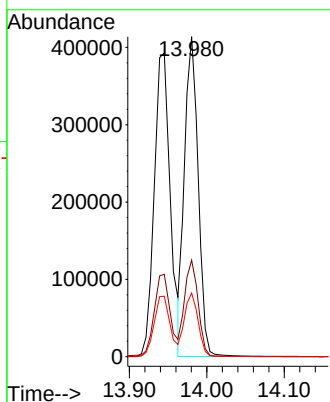
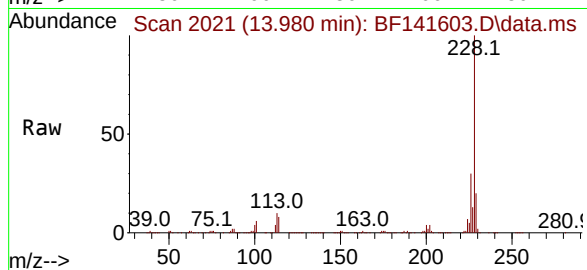
Tgt Ion:228 Resp: 508042

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.802 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

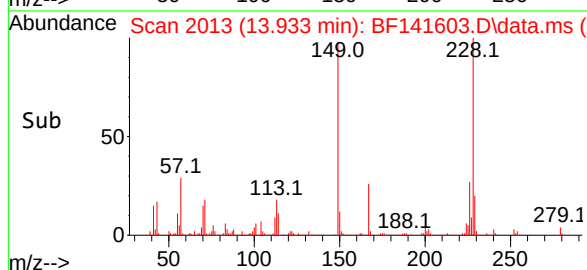
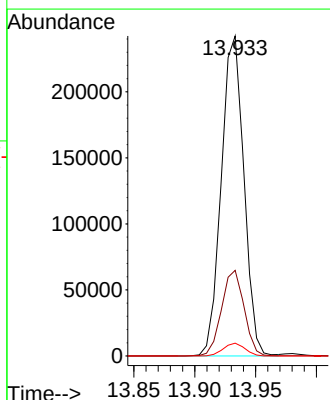
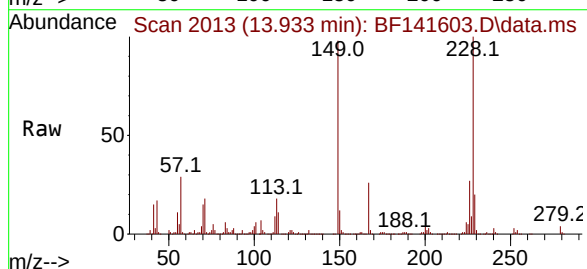
Tgt Ion:149 Resp: 313602

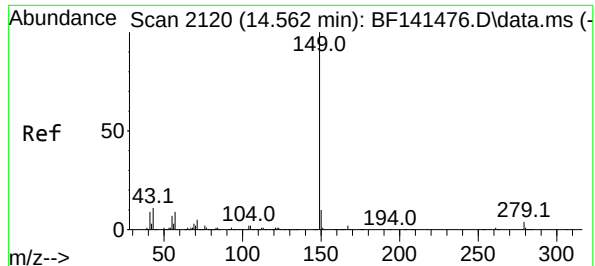
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.969 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

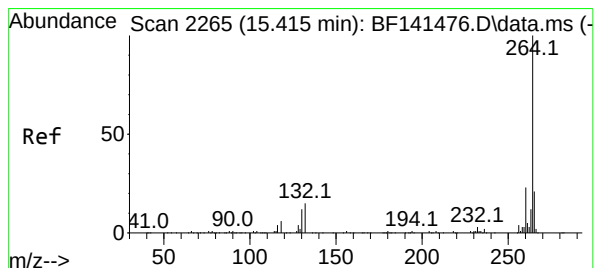
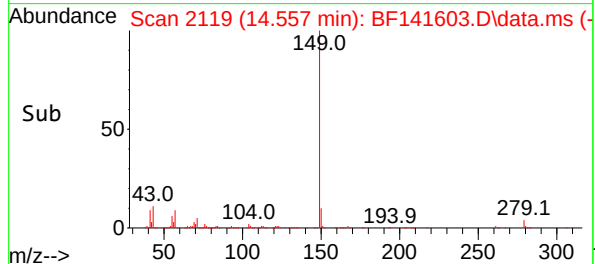
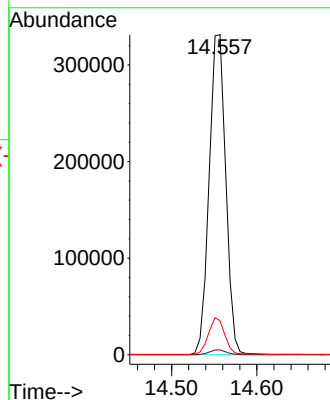
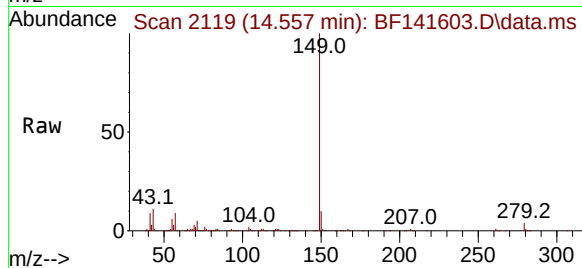
Tgt Ion:149 Resp: 449081

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

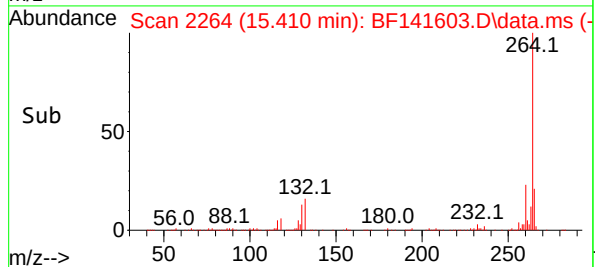
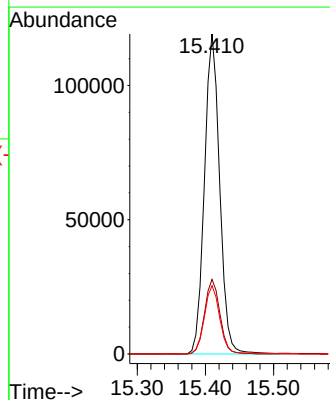
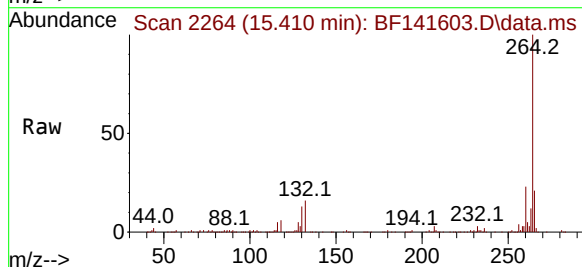
Tgt Ion:264 Resp: 184975

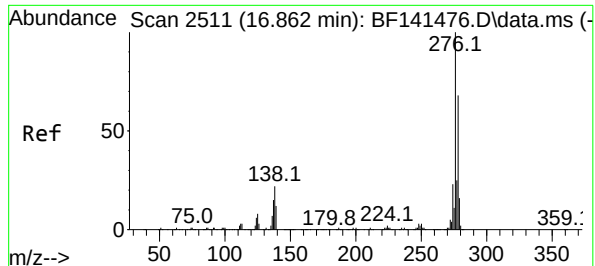
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.698 ng

RT: 16.857 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

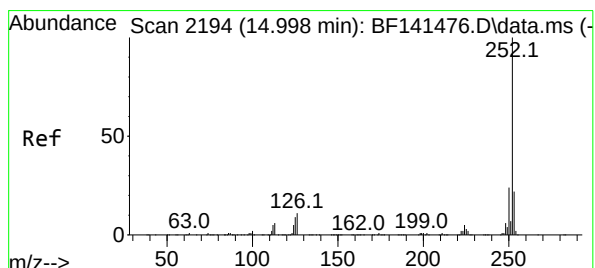
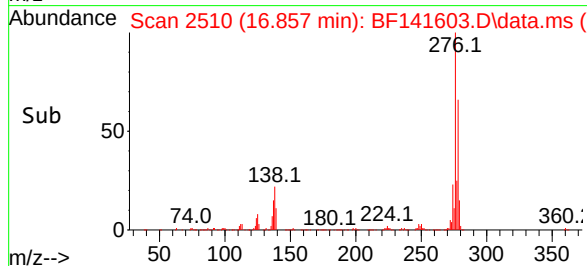
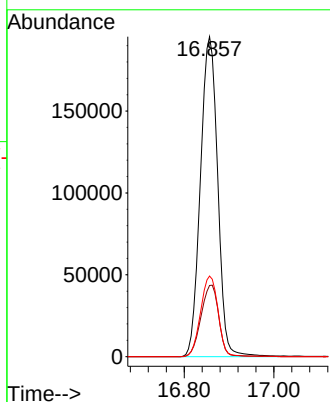
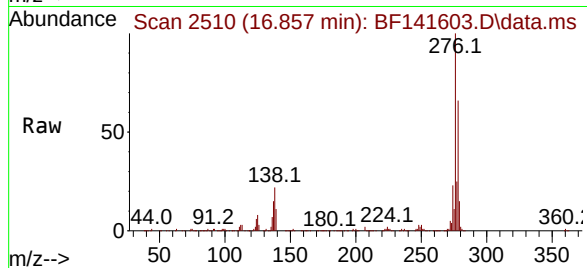
Tgt Ion:276 Resp: 522306

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 36.634 ng

RT: 14.992 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

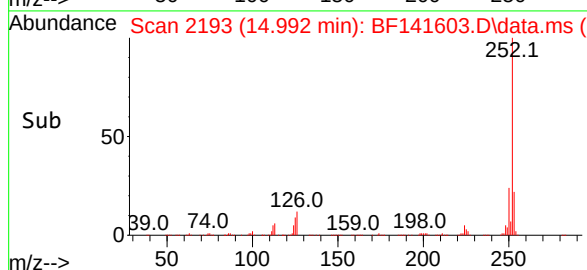
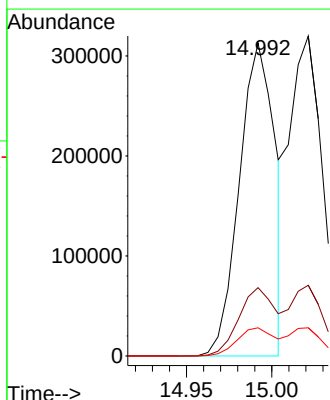
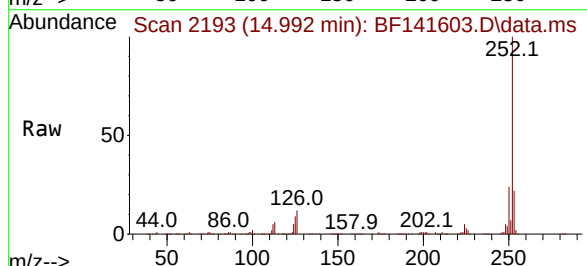
Tgt Ion:252 Resp: 454999

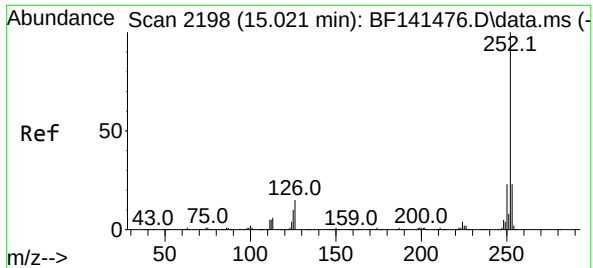
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.201 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

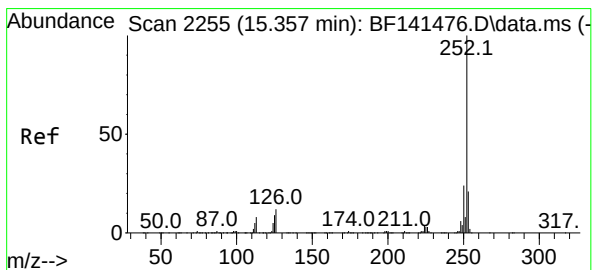
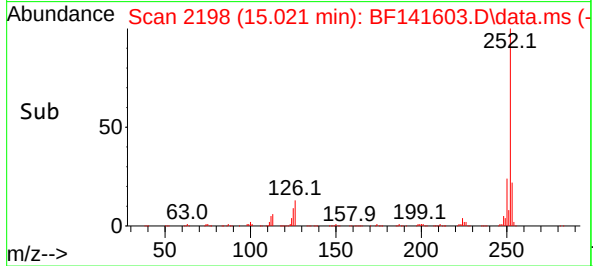
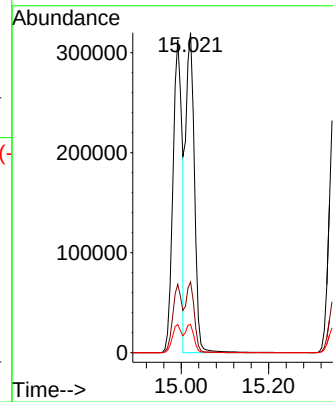
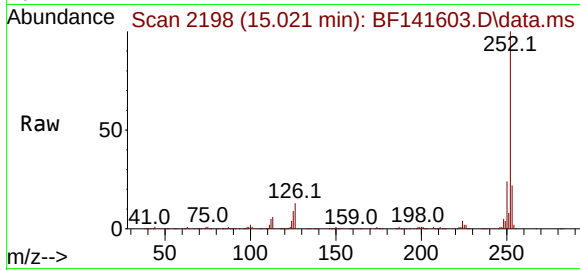
Tgt Ion:252 Resp: 436966

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 8.8 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.815 ng

RT: 15.351 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

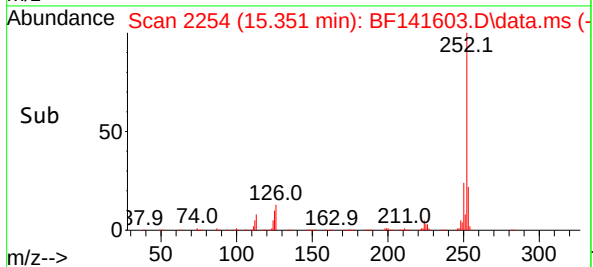
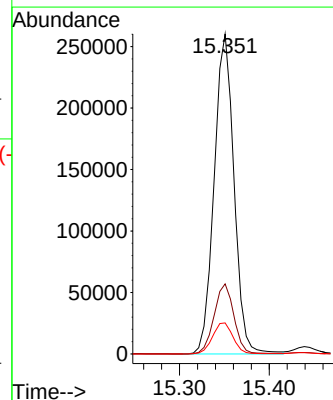
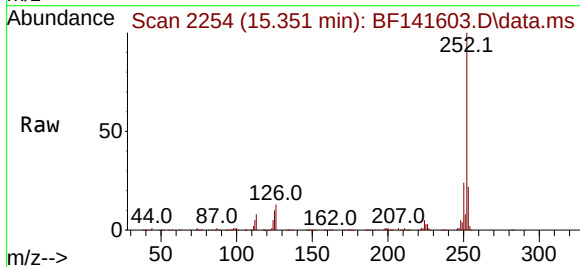
Tgt Ion:252 Resp: 400141

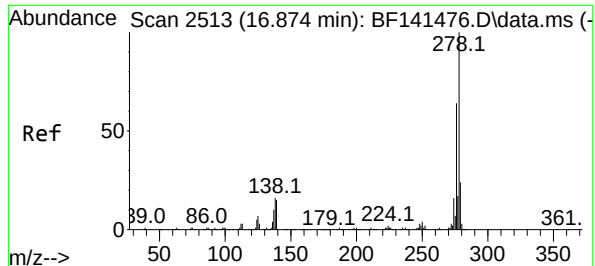
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.7 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 46.039 ng

RT: 16.868 min Scan# 2513

Delta R.T. -0.023 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

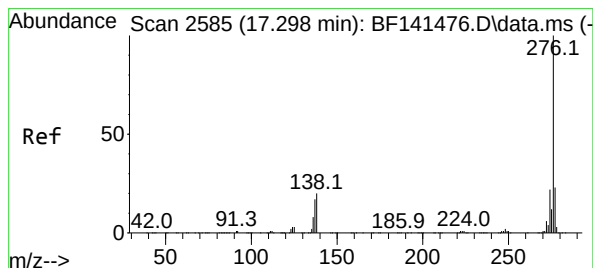
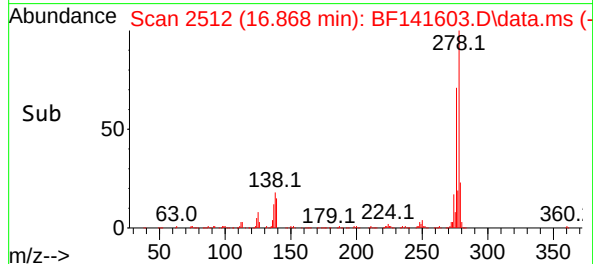
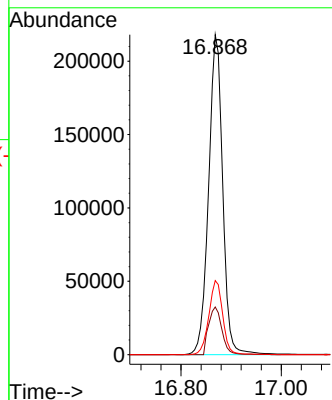
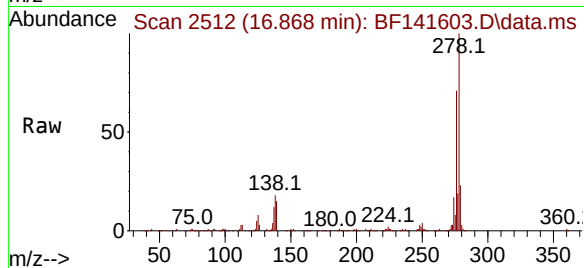
Tgt Ion:278 Resp: 426370

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

279 23.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.759 ng

RT: 17.292 min Scan# 2584

Delta R.T. -0.023 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

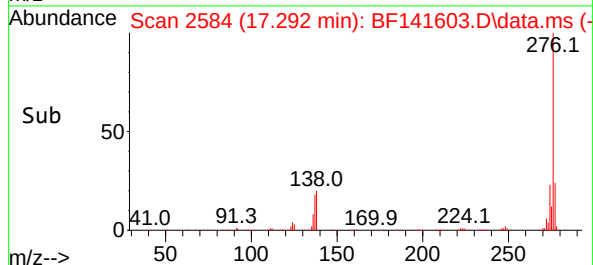
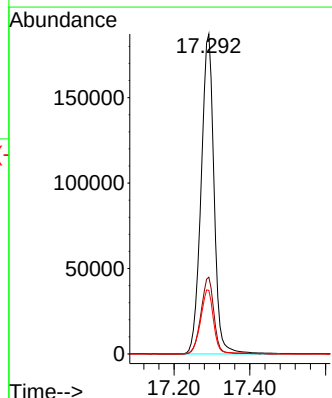
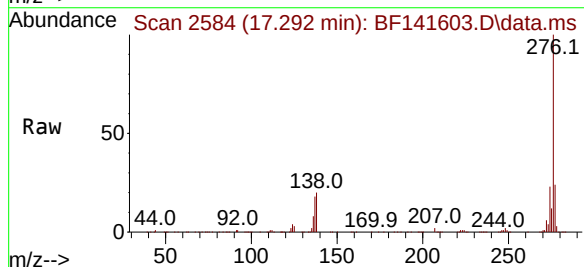
Tgt Ion:276 Resp: 443471

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 19.9 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141603.D
 Acq On : 13 Feb 2025 10:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	114	0.00
2	1,4-Dioxane	0.513	0.498	2.9	109	0.00
3	Pyridine	1.222	1.249	-2.2	112	0.00
4	n-Nitrosodimethylamine	0.809	0.751	7.2	104	-0.02
5 S	2-Fluorophenol	1.276	1.273	0.2	112	0.00
6	Aniline	1.513	1.357	10.3	100	0.00
7 S	Phenol-d6	1.612	1.560	3.2	110	0.00
8	2-Chlorophenol	1.378	1.358	1.5	112	0.00
9	Benzaldehyde	0.857	1.063	-24.0	147	0.00
10 C	Phenol	1.678	1.634	2.6	110	-0.01
11	bis(2-Chloroethyl)ether	1.261	1.269	-0.6	114	0.00
12	1,3-Dichlorobenzene	1.455	1.430	1.7	113	0.00
13 C	1,4-Dichlorobenzene	1.487	1.461	1.7	113	0.00
14	1,2-Dichlorobenzene	1.380	1.368	0.9	113	0.00
15	Benzyl Alcohol	1.236	1.166	5.7	105	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.046	5.2	107	0.00
17	2-Methylphenol	1.079	1.061	1.7	112	0.00
18	Hexachloroethane	0.550	0.543	1.3	112	0.00
19 P	n-Nitroso-di-n-propylamine	0.964	0.938	2.7	110	-0.01
20	3+4-Methylphenols	1.371	1.317	3.9	109	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	112	0.00
22	Acetophenone	0.498	0.484	2.8	110	-0.01
23 S	Nitrobenzene-d5	0.383	0.372	2.9	109	0.00
24	Nitrobenzene	0.374	0.361	3.5	108	0.00
25	Isophorone	0.611	0.606	0.8	111	0.00
26 C	2-Nitrophenol	0.186	0.191	-2.7	112	0.00
27	2,4-Dimethylphenol	0.217	0.213	1.8	107	0.00
28	bis(2-Chloroethoxy)methane	0.392	0.397	-1.3	113	0.00
29 C	2,4-Dichlorophenol	0.294	0.297	-1.0	113	0.00
30	1,2,4-Trichlorobenzene	0.320	0.317	0.9	112	0.00
31	Naphthalene	1.041	1.019	2.1	110	0.00
32	Benzoic acid	0.226	0.210	7.1	103	-0.03
33	4-Chloroaniline	0.363	0.347	4.4	107	0.00
34 C	Hexachlorobutadiene	0.192	0.191	0.5	112	0.00
35	Caprolactam	0.089	0.089	0.0	108	-0.02
36 C	4-Chloro-3-methylphenol	0.325	0.319	1.8	109	0.00
37	2-Methylnaphthalene	0.677	0.667	1.5	112	0.00
38	1-Methylnaphthalene	0.656	0.636	3.0	109	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	110	0.00
40	1,2,4,5-Tetrachlorobenzene	0.579	0.593	-2.4	111	0.00
41 P	Hexachlorocyclopentadiene	0.192	0.172	10.4	93	0.00
42 S	2,4,6-Tribromophenol	0.201	0.195	3.0	107	-0.01
43 C	2,4,6-Trichlorophenol	0.374	0.377	-0.8	110	0.00
44	2,4,5-Trichlorophenol	0.405	0.405	0.0	108	0.00
45 S	2-Fluorobiphenyl	1.298	1.274	1.8	110	0.00
46	1,1'-Biphenyl	1.551	1.565	-0.9	111	0.00
47	2-Chloronaphthalene	1.147	1.143	0.3	111	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141603.D
 Acq On : 13 Feb 2025 10:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	0.385	0.377	2.1	106	0.00
49	Acenaphthylene	1.705	1.684	1.2	109	0.00
50	Dimethylphthalate	1.358	1.382	-1.8	113	-0.01
51	2,6-Dinitrotoluene	0.297	0.298	-0.3	109	0.00
52 C	Acenaphthene	1.147	1.129	1.6	108	0.00
53	3-Nitroaniline	0.319	0.309	3.1	106	0.00
54 P	2,4-Dinitrophenol	0.176	0.163	7.4	101	0.00
55	Dibenzofuran	1.683	1.644	2.3	108	0.00
56 P	4-Nitrophenol	0.237	0.213	10.1	94	0.00
57	2,4-Dinitrotoluene	0.395	0.393	0.5	109	0.00
58	Fluorene	1.301	1.264	2.8	108	0.00
59	2,3,4,6-Tetrachlorophenol	0.349	0.344	1.4	109	-0.01
60	Diethylphthalate	1.336	1.338	-0.1	111	0.00
61	4-Chlorophenyl-phenylether	0.626	0.631	-0.8	111	0.00
62	4-Nitroaniline	0.324	0.267	17.6	88	-0.02
63	Azobenzene	1.328	1.297	2.3	108	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	0.139	0.137	1.4	104	-0.01
66 c	n-Nitrosodiphenylamine	0.640	0.640	0.0	110	-0.01
67	4-Bromophenyl-phenylether	0.224	0.226	-0.9	111	0.00
68	Hexachlorobenzene	0.230	0.231	-0.4	110	0.00
69	Atrazine	0.192	0.161	16.1	94	0.00
70 C	Pentachlorophenol	0.147	0.136	7.5	96	0.00
71	Phenanthrene	1.101	1.082	1.7	108	0.00
72	Anthracene	1.107	1.088	1.7	109	-0.01
73	Carbazole	0.996	0.956	4.0	105	0.00
74	Di-n-butylphthalate	1.150	1.157	-0.6	110	0.00
75 C	Fluoranthene	1.167	1.099	5.8	103	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	95	-0.01
77	Benzidine	0.441	0.189	57.1#	34#	0.00
78	Pyrene	1.703	1.862	-9.3	102	-0.01
79 S	Terphenyl-d14	1.185	1.287	-8.6	103	0.00
80	Butylbenzylphthalate	0.590	0.643	-9.0	101	-0.01
81	Benzo(a)anthracene	1.329	1.310	1.4	93	0.00
82	3,3'-Dichlorobenzidine	0.381	0.322	15.5	81	0.00
83	Chrysene	1.228	1.180	3.9	94	-0.01
84	Bis(2-ethylhexyl)phthalate	0.665	0.728	-9.5	101	0.00
85 c	Di-n-octyl phthalate	0.949	1.043	-9.9	103	0.00
86 I	Perylene-d12	1.000	1.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	1.236	1.412	-14.2	111	-0.02
88	Benzo(b)fluoranthene	1.343	1.230	8.4	93	-0.01
89	Benzo(k)fluoranthene	1.147	1.181	-3.0	105	-0.01
90 C	Benzo(a)pyrene	1.087	1.082	0.5	101	-0.01
91	Dibenzo(a,h)anthracene	1.001	1.153	-15.2	111	-0.02
92	Benzo(g,h,i)perylene	1.048	1.199	-14.4	110	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141603.D
Acq On : 13 Feb 2025 10:07
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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\BF021325\
 Data File : BF141603.D
 Acq On : 13 Feb 2025 10:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	114	0.00
2	1,4-Dioxane	40.000	38.784	3.0	109	0.00
3	Pyridine	40.000	40.878	-2.2	112	0.00
4	n-Nitrosodimethylamine	40.000	37.108	7.2	104	-0.02
5 S	2-Fluorophenol	80.000	79.834	0.2	112	0.00
6	Aniline	40.000	35.884	10.3	100	0.00
7 S	Phenol-d6	80.000	77.418	3.2	110	0.00
8	2-Chlorophenol	40.000	39.412	1.5	112	0.00
9	Benzaldehyde	40.000	49.636	-24.1	147	0.00
10 C	Phenol	40.000	38.947	2.6	110	-0.01
11	bis(2-Chloroethyl)ether	40.000	40.275	-0.7	114	0.00
12	1,3-Dichlorobenzene	40.000	39.316	1.7	113	0.00
13 C	1,4-Dichlorobenzene	40.000	39.297	1.8	113	0.00
14	1,2-Dichlorobenzene	40.000	39.648	0.9	113	0.00
15	Benzyl Alcohol	40.000	37.733	5.7	105	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.929	5.2	107	0.00
17	2-Methylphenol	40.000	39.360	1.6	112	0.00
18	Hexachloroethane	40.000	39.494	1.3	112	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.894	2.8	110	-0.01
20	3+4-Methylphenols	40.000	38.420	3.9	109	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	112	0.00
22	Acetophenone	40.000	38.934	2.7	110	-0.01
23 S	Nitrobenzene-d5	80.000	77.630	3.0	109	0.00
24	Nitrobenzene	40.000	38.624	3.4	108	0.00
25	Isophorone	40.000	39.639	0.9	111	0.00
26 C	2-Nitrophenol	40.000	41.098	-2.7	112	0.00
27	2,4-Dimethylphenol	40.000	39.183	2.0	107	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.514	-1.3	113	0.00
29 C	2,4-Dichlorophenol	40.000	40.468	-1.2	113	0.00
30	1,2,4-Trichlorobenzene	40.000	39.638	0.9	112	0.00
31	Naphthalene	40.000	39.135	2.2	110	0.00
32	Benzoic acid	40.000	37.194	7.0	103	-0.03
33	4-Chloroaniline	40.000	38.182	4.5	107	0.00
34 C	Hexachlorobutadiene	40.000	39.862	0.3	112	0.00
35	Caprolactam	40.000	40.007	-0.0	108	-0.02
36 C	4-Chloro-3-methylphenol	40.000	39.209	2.0	109	0.00
37	2-Methylnaphthalene	40.000	39.388	1.5	112	0.00
38	1-Methylnaphthalene	40.000	38.793	3.0	109	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	110	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.979	-2.4	111	0.00
41 P	Hexachlorocyclopentadiene	40.000	35.749	10.6	93	0.00
42 S	2,4,6-Tribromophenol	80.000	77.521	3.1	107	-0.01
43 C	2,4,6-Trichlorophenol	40.000	40.363	-0.9	110	0.00
44	2,4,5-Trichlorophenol	40.000	39.939	0.2	108	0.00
45 S	2-Fluorobiphenyl	80.000	78.504	1.9	110	0.00
46	1,1'-Biphenyl	40.000	40.365	-0.9	111	0.00
47	2-Chloronaphthalene	40.000	39.891	0.3	111	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141603.D
 Acq On : 13 Feb 2025 10:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	39.212	2.0	106	0.00
49	Acenaphthylene	40.000	39.489	1.3	109	0.00
50	Dimethylphthalate	40.000	40.728	-1.8	113	-0.01
51	2,6-Dinitrotoluene	40.000	40.122	-0.3	109	0.00
52 C	Acenaphthene	40.000	39.404	1.5	108	0.00
53	3-Nitroaniline	40.000	38.688	3.3	106	0.00
54 P	2,4-Dinitrophenol	40.000	37.047	7.4	101	0.00
55	Dibenzofuran	40.000	39.069	2.3	108	0.00
56 P	4-Nitrophenol	40.000	36.003	10.0	94	0.00
57	2,4-Dinitrotoluene	40.000	39.830	0.4	109	0.00
58	Fluorene	40.000	38.870	2.8	108	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.455	1.4	109	-0.01
60	Diethylphthalate	40.000	40.069	-0.2	111	0.00
61	4-Chlorophenyl-phenylether	40.000	40.311	-0.8	111	0.00
62	4-Nitroaniline	40.000	32.936	17.7	88	-0.02
63	Azobenzene	40.000	39.078	2.3	108	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.326	1.7	104	-0.01
66 c	n-Nitrosodiphenylamine	40.000	40.016	-0.0	110	-0.01
67	4-Bromophenyl-phenylether	40.000	40.437	-1.1	111	0.00
68	Hexachlorobenzene	40.000	40.203	-0.5	110	0.00
69	Atrazine	40.000	33.481	16.3	94	0.00
70 C	Pentachlorophenol	40.000	37.062	7.3	96	0.00
71	Phenanthrene	40.000	39.299	1.8	108	0.00
72	Anthracene	40.000	39.340	1.6	109	-0.01
73	Carbazole	40.000	38.398	4.0	105	0.00
74	Di-n-butylphthalate	40.000	40.259	-0.6	110	0.00
75 C	Fluoranthene	40.000	37.671	5.8	103	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	95	-0.01
77	Benzydine	40.000	17.147	57.1#	34	0.00
78	Pyrene	40.000	43.747	-9.4	102	-0.01
79 S	Terphenyl-d14	80.000	86.896	-8.6	103	0.00
80	Butylbenzylphthalate	40.000	43.590	-9.0	101	-0.01
81	Benzo(a)anthracene	40.000	39.426	1.4	93	0.00
82	3,3'-Dichlorobenzidine	40.000	33.774	15.6	81	0.00
83	Chrysene	40.000	38.447	3.9	94	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	43.802	-9.5	101	0.00
85 c	Di-n-octyl phthalate	40.000	43.969	-9.9	103	0.00
86 I	Perylene-d12	20.000	20.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	45.698	-14.2	111	-0.02
88	Benzo(b)fluoranthene	40.000	36.634	8.4	93	-0.01
89	Benzo(k)fluoranthene	40.000	41.201	-3.0	105	-0.01
90 C	Benzo(a)pyrene	40.000	39.815	0.5	101	-0.01
91	Dibenzo(a,h)anthracene	40.000	46.039	-15.1	111	-0.02
92	Benzo(g,h,i)perylene	40.000	45.759	-14.4	110	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141603.D
Acq On : 13 Feb 2025 10:07
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/14/2025 15:04

Lab File ID: BF141639.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.270		-0.5	
Benzaldehyde	0.857	1.091		27.3	
Phenol-d6	1.612	1.568		-2.7	
Phenol	1.678	1.600		-4.6	20.0
bis(2-Chloroethyl)ether	1.261	1.264		0.2	
2-Chlorophenol	1.378	1.373		-0.4	
2-Methylphenol	1.079	1.041		-3.5	
2,2-oxybis(1-Chloropropane)	2.158	2.005		-7.1	
Acetophenone	0.498	0.479		-3.8	
3+4-Methylphenols	1.371	1.303		-5.0	
n-Nitroso-di-n-propylamine	0.964	0.937	0.050	-2.8	
Nitrobenzene-d5	0.383	0.369		-3.7	
Hexachloroethane	0.550	0.542		-1.5	
Nitrobenzene	0.374	0.364		-2.7	
Isophorone	0.611	0.606		-0.8	
2-Nitrophenol	0.186	0.189		1.6	20.0
2,4-Dimethylphenol	0.217	0.215		-0.9	
bis(2-Chloroethoxy)methane	0.392	0.395		0.8	
2,4-Dichlorophenol	0.294	0.292		-0.7	20.0
Naphthalene	1.041	1.025		-1.5	
4-Chloroaniline	0.363	0.331		-8.8	
Hexachlorobutadiene	0.192	0.195		1.6	20.0
Caprolactam	0.089	0.090		1.1	
4-Chloro-3-methylphenol	0.325	0.318		-2.2	20.0
2-Methylnaphthalene	0.677	0.665		-1.8	
Hexachlorocyclopentadiene	0.192	0.160	0.050	-16.7	
2,4,6-Trichlorophenol	0.374	0.366		-2.1	20.0
2-Fluorobiphenyl	1.298	1.237		-4.7	
2,4,5-Trichlorophenol	0.405	0.393		-3.0	
1,1-Biphenyl	1.551	1.504		-3.0	
2-Chloronaphthalene	1.147	1.124		-2.0	
2-Nitroaniline	0.385	0.363		-5.7	
Dimethylphthalate	1.358	1.340		-1.3	
Acenaphthylene	1.705	1.626		-4.6	
2,6-Dinitrotoluene	0.297	0.291		-2.0	
3-Nitroaniline	0.319	0.302		-5.3	
Acenaphthene	1.147	1.084		-5.5	20.0
2,4-Dinitrophenol	0.176	0.163	0.050	-7.4	
4-Nitrophenol	0.237	0.204	0.050	-13.9	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1331 SAS No.: Q1331 SDG No.: Q1331

Instrument ID: BNA_F Calibration Date/Time: 02/14/2025 15:04

Lab File ID: BF141639.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.683	1.627		-3.3	
2,4-Dinitrotoluene	0.395	0.390		-1.3	
Diethylphthalate	1.336	1.324		-0.9	
4-Chlorophenyl-phenylether	0.626	0.617		-1.4	
Fluorene	1.301	1.252		-3.8	
4-Nitroaniline	0.324	0.260		-19.8	
4,6-Dinitro-2-methylphenol	0.139	0.138		-0.7	
n-Nitrosodiphenylamine	0.640	0.639		-0.2	20.0
2,4,6-Tribromophenol	0.201	0.195		-3.0	
4-Bromophenyl-phenylether	0.224	0.228		1.8	
Hexachlorobenzene	0.230	0.237		3.0	
Atrazine	0.192	0.161		-16.1	
Pentachlorophenol	0.147	0.136		-7.5	20.0
Phenanthrene	1.101	1.083		-1.6	
Anthracene	1.107	1.082		-2.3	
Carbazole	0.996	0.963		-3.3	
Di-n-butylphthalate	1.150	1.186		3.1	
Fluoranthene	1.167	1.129		-3.3	20.0
Pyrene	1.703	1.778		4.4	
Terphenyl-d14	1.185	1.240		4.6	
Butylbenzylphthalate	0.590	0.660		11.9	
3,3-Dichlorobenzidine	0.381	0.335		-12.1	
Benzo (a) anthracene	1.329	1.351		1.7	
Chrysene	1.228	1.209		-1.5	
Bis (2-ethylhexyl) phthalate	0.665	0.799		20.1	
Di-n-octyl phthalate	0.949	1.145		20.7	20.0
Benzo (b) fluoranthene	1.343	1.365		1.6	
Benzo (k) fluoranthene	1.147	1.110		-3.2	
Benzo (a) pyrene	1.087	1.082		-0.5	20.0
Indeno (1,2,3-cd) pyrene	1.236	1.357		9.8	
Dibenzo (a,h) anthracene	1.001	1.107		10.6	
Benzo (g,h,i) perylene	1.048	1.173		11.9	
1,2,4,5-Tetrachlorobenzene	0.579	0.573		-1.0	
1,4-Dioxane	0.513	0.506		-1.4	20.0
2,3,4,6-Tetrachlorophenol	0.349	0.344		-1.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141639.D
 Acq On : 14 Feb 2025 15:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	108299	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	422251	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	233877	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	392888	20.000	ng	0.00
76) Chrysene-d12	13.951	240	250652	20.000	ng	-0.01
86) Perylene-d12	15.421	264	201903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	550174	79.644	ng	0.00
7) Phenol-d6	6.434	99	679208	77.792	ng	0.00
23) Nitrobenzene-d5	7.357	82	622443	76.887	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	182516	77.686	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1156919	76.211	ng	0.00
79) Terphenyl-d14	12.892	244	1243142	83.727	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	109517	39.390	ng	98
3) Pyridine	3.205	79	265819	40.178	ng	96
4) n-Nitrosodimethylamine	3.163	42	161651	36.900	ng	93
6) Aniline	6.451	93	276600	33.772	ng	# 84
8) 2-Chlorophenol	6.575	128	297396	39.842	ng	96
9) Benzaldehyde	6.340	77	236344	50.939	ng	97
10) Phenol	6.446	94	346486	38.128	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	273856	40.122	ng	99
12) 1,3-Dichlorobenzene	6.728	146	314616	39.925	ng	98
13) 1,4-Dichlorobenzene	6.804	146	315168	39.145	ng	100
14) 1,2-Dichlorobenzene	6.957	146	300419	40.203	ng	99
15) Benzyl Alcohol	6.934	79	252945	37.779	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	434188	37.160	ng	78
17) 2-Methylphenol	7.051	107	225449	38.596	ng	98
18) Hexachloroethane	7.298	117	117401	39.400	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	202996	38.869	ng	96
20) 3+4-Methylphenols	7.204	107	282264	38.024	ng	96
22) Acetophenone	7.198	105	404605	38.520	ng	96
24) Nitrobenzene	7.375	77	307237	38.919	ng	100
25) Isophorone	7.610	82	511913	39.658	ng	99
26) 2-Nitrophenol	7.687	139	159741	40.672	ng	96
27) 2,4-Dimethylphenol	7.728	122	181789	39.621	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	333926	40.372	ng	100
29) 2,4-Dichlorophenol	7.934	162	246835	39.817	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	267133	39.570	ng	99
31) Naphthalene	8.093	128	865653	39.384	ng	100
32) Benzoic acid	7.869	122	170465	35.769	ng	99
33) 4-Chloroaniline	8.145	127	279595	36.434	ng	99
34) Hexachlorobutadiene	8.204	225	165053	40.726	ng	99
35) Caprolactam	8.522	113	76335	40.442	ng	93
36) 4-Chloro-3-methylphenol	8.634	107	268914	39.160	ng	100
37) 2-Methylnaphthalene	8.781	142	561598	39.264	ng	99
38) 1-Methylnaphthalene	8.881	142	544405	39.299	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	267950	39.600	ng	98
41) Hexachlorocyclopentadiene	8.934	237	74797	33.235	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	171261	39.162	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141639.D
 Acq On : 14 Feb 2025 15:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

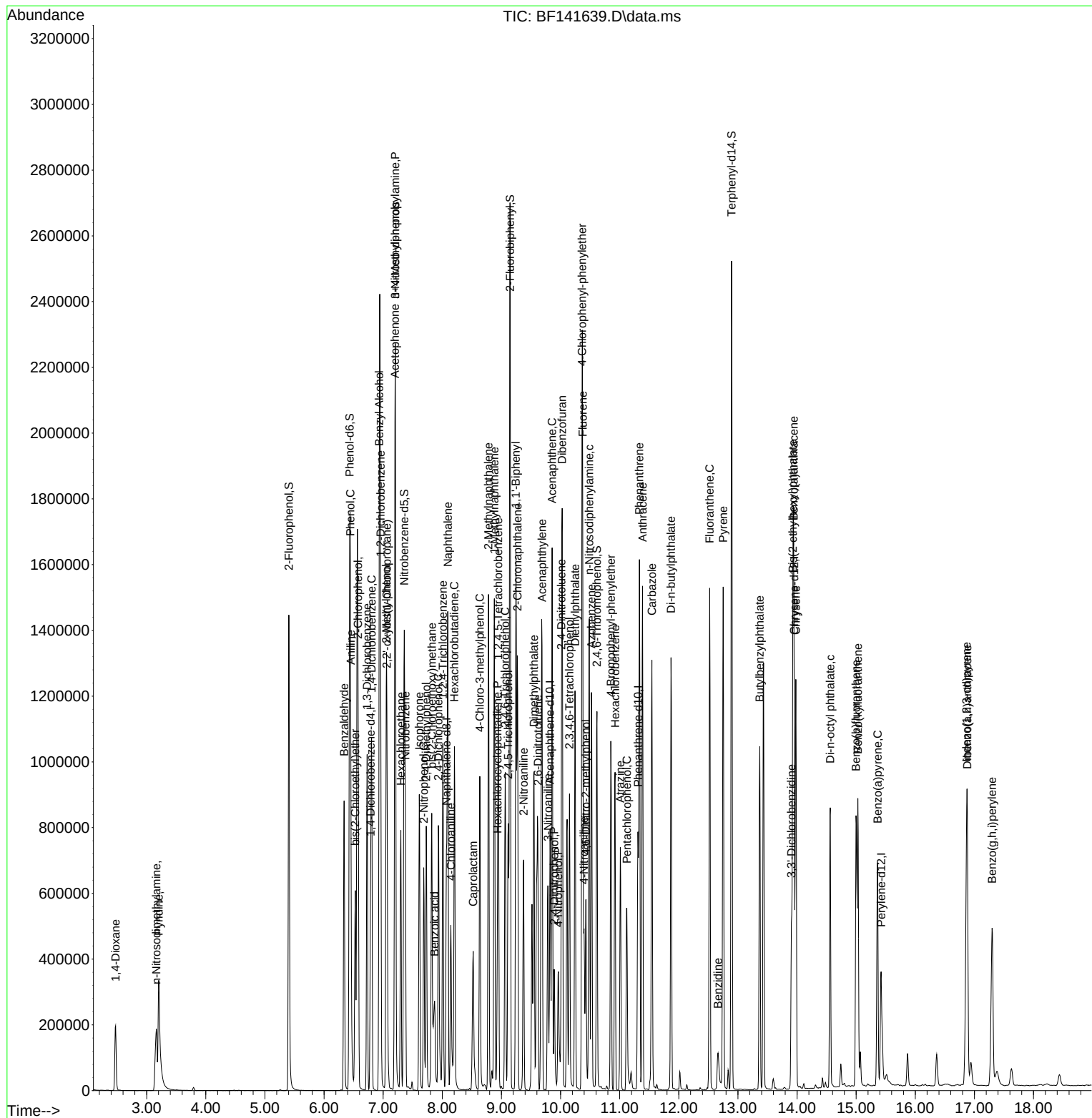
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	183966	38.815	ng	97
46) 1,1'-Biphenyl	9.245	154	703721	38.811	ng	99
47) 2-Chloronaphthalene	9.269	162	525679	39.206	ng	100
48) 2-Nitroaniline	9.375	65	169924	37.763	ng	95
49) Acenaphthylene	9.687	152	760389	38.128	ng	99
50) Dimethylphthalate	9.551	163	626882	39.483	ng	99
51) 2,6-Dinitrotoluene	9.616	165	136136	39.222	ng	98
52) Acenaphthene	9.857	154	506943	37.810	ng	98
53) 3-Nitroaniline	9.787	138	141145	37.783	ng	97
54) 2,4-Dinitrophenol	9.892	184	76095	36.888	ng	97
55) Dibenzofuran	10.028	168	761147	38.677	ng	100
56) 4-Nitrophenol	9.963	139	95320	34.372	ng	91
57) 2,4-Dinitrotoluene	10.016	165	182218	39.436	ng	99
58) Fluorene	10.375	166	585463	38.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	160989	39.454	ng	96
60) Diethylphthalate	10.245	149	619085	39.631	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	288668	39.433	ng	98
62) 4-Nitroaniline	10.398	138	121493	32.028	ng	99
63) Azobenzene	10.522	77	606224	39.036	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	108621	39.799	ng	95
66) n-Nitrosodiphenylamine	10.486	169	502276	39.937	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	178847	40.730	ng	97
68) Hexachlorobenzene	10.922	284	186061	41.150	ng	98
69) Atrazine	11.010	200	126165	33.439	ng	99
70) Pentachlorophenol	11.122	266	106961	36.996	ng	99
71) Phenanthrene	11.334	178	850630	39.332	ng	100
72) Anthracene	11.386	178	849880	39.093	ng	100
73) Carbazole	11.545	167	756976	38.697	ng	100
74) Di-n-butylphthalate	11.869	149	931656	41.247	ng	100
75) Fluoranthene	12.522	202	886818	38.677	ng	100
77) Benzidine	12.663	184	105343	19.056	ng	98
78) Pyrene	12.751	202	891370	41.775	ng	100
80) Butylbenzylphthalate	13.369	149	330685	44.744	ng	99
81) Benzo(a)anthracene	13.945	228	677199	40.644	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	167984	35.196	ng	98
83) Chrysene	13.980	228	606081	39.395	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	400630	48.063	ng	99
85) Di-n-octyl phthalate	14.563	149	573871	48.260	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	547866	43.916	ng	99
88) Benzo(b)fluoranthene	14.998	252	551388	40.672	ng	99
89) Benzo(k)fluoranthene	15.027	252	448363	38.731	ng	99
90) Benzo(a)pyrene	15.363	252	436800	39.819	ng	100
91) Dibenzo(a,h)anthracene	16.880	278	446950	44.215	ng	99
92) Benzo(g,h,i)perylene	17.298	276	473514	44.763	ng	99

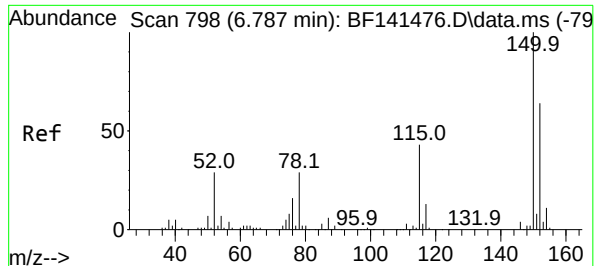
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : BF141639.D
 Acq On : 14 Feb 2025 15:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

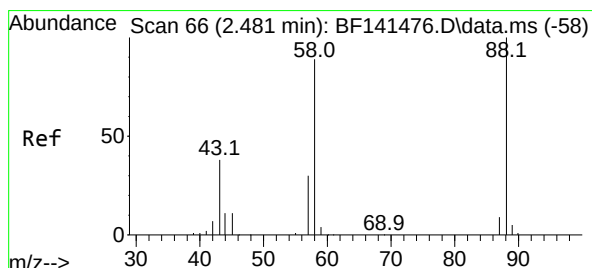
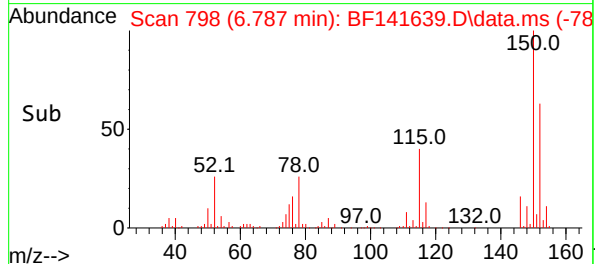
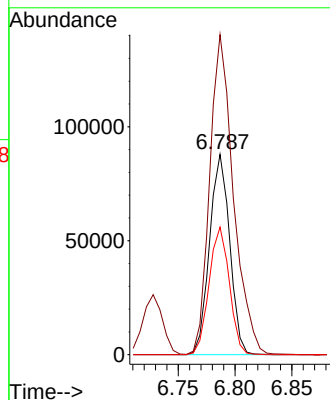
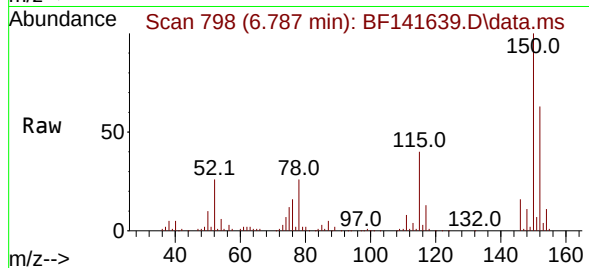




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

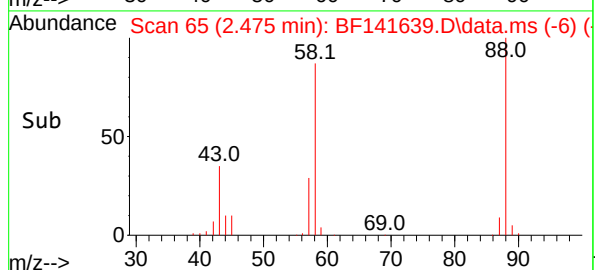
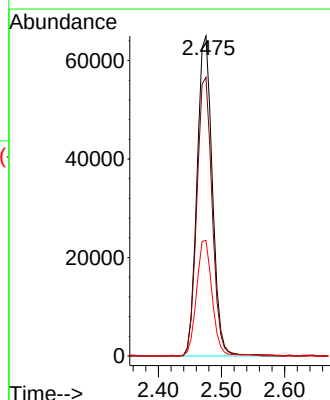
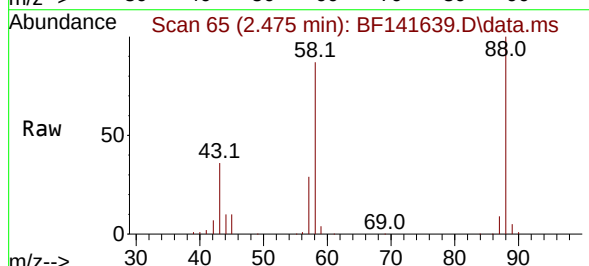
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

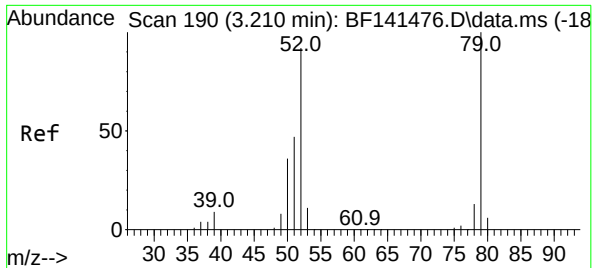
Tgt Ion:152 Resp: 108299
Ion Ratio Lower Upper
152 100
150 159.7 125.0 187.4
115 63.7 53.6 80.4



#2
1,4-Dioxane
Concen: 39.390 ng
RT: 2.475 min Scan# 65
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion: 88 Resp: 109517
Ion Ratio Lower Upper
88 100
58 86.9 71.1 106.7
43 36.7 30.6 46.0

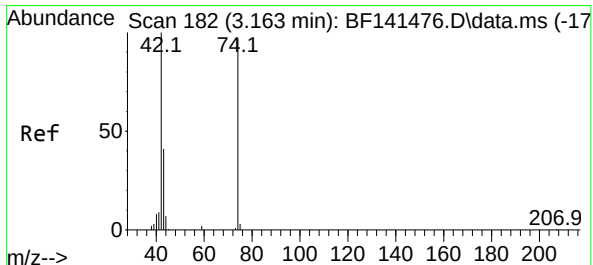
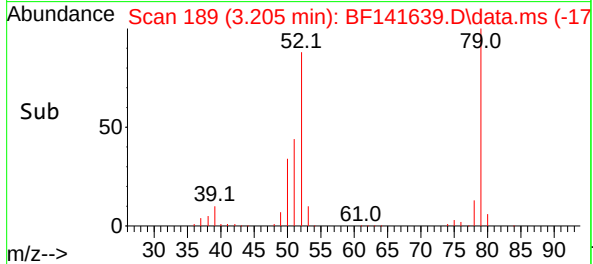
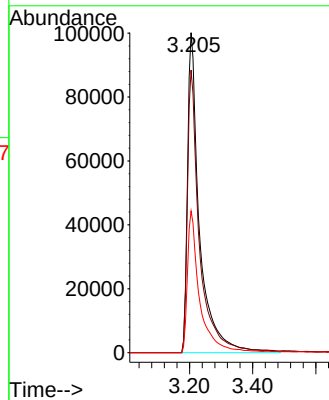
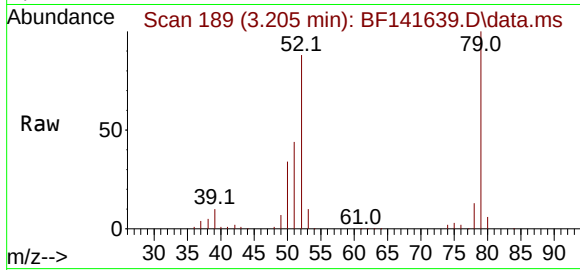




#3
Pyridine
Concen: 40.178 ng
RT: 3.205 min Scan# 189
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

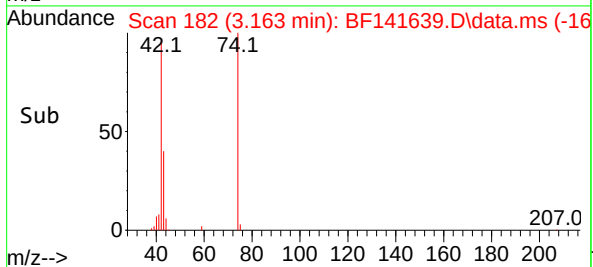
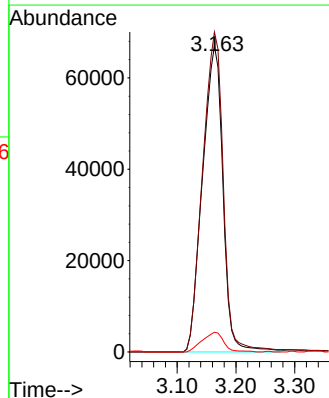
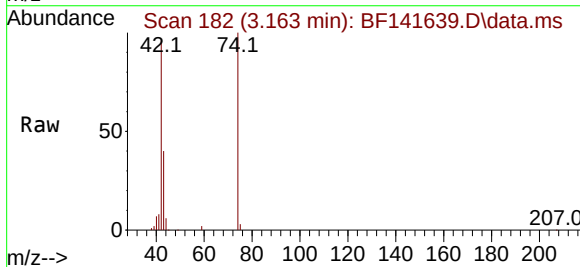
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

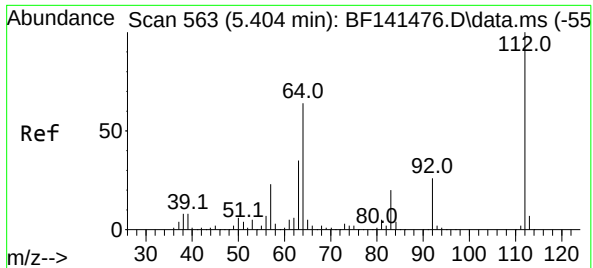
Tgt Ion: 79 Resp: 265819
Ion Ratio Lower Upper
79 100
52 88.3 73.7 110.5
51 44.3 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 36.900 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.023 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion: 42 Resp: 161651
Ion Ratio Lower Upper
42 100
74 104.5 78.0 117.0
44 6.4 5.4 8.2

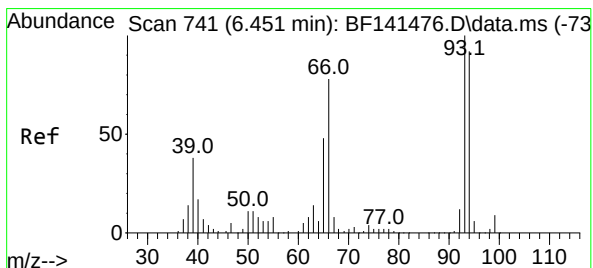
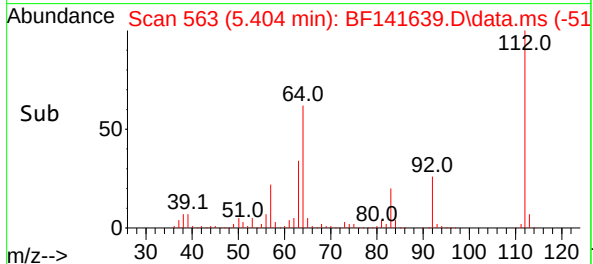
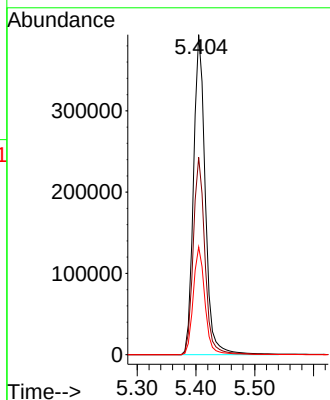
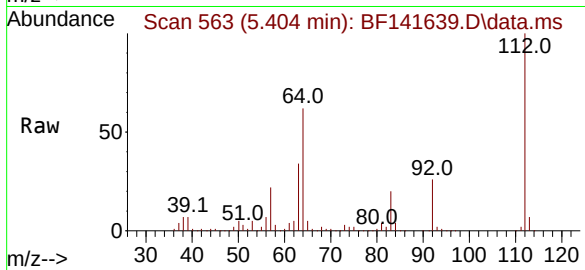




#5
2-Fluorophenol
Concen: 79.644 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

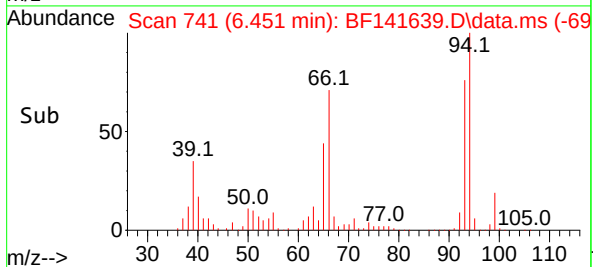
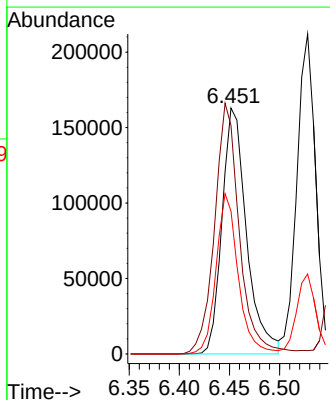
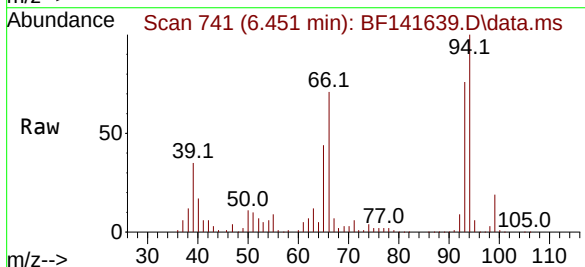
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

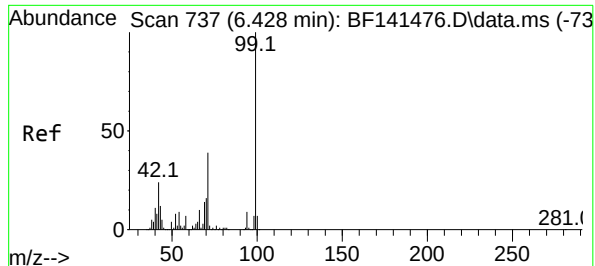
Tgt Ion:112 Resp: 550174
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.6 28.4 42.6



#6
Aniline
Concen: 33.772 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion: 93 Resp: 276600
Ion Ratio Lower Upper
93 100
66 92.9 62.6 94.0
65 58.1 38.3 57.5

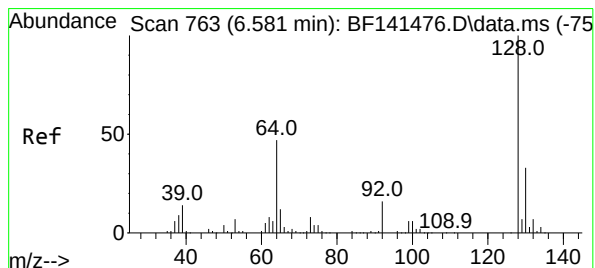
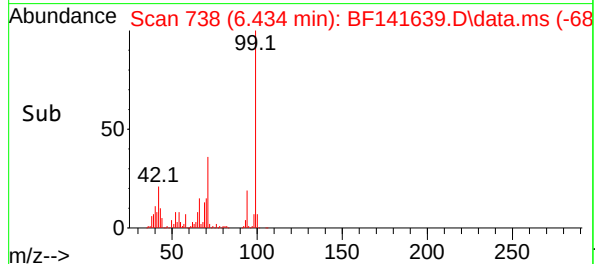
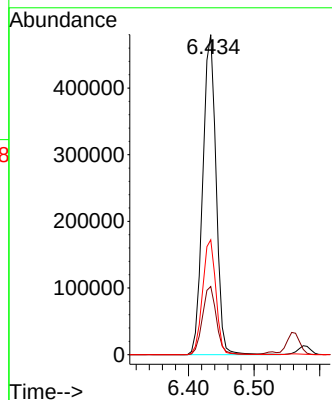
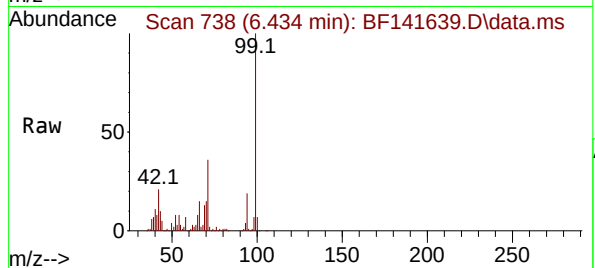




#7
Phenol-d6
Concen: 77.792 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

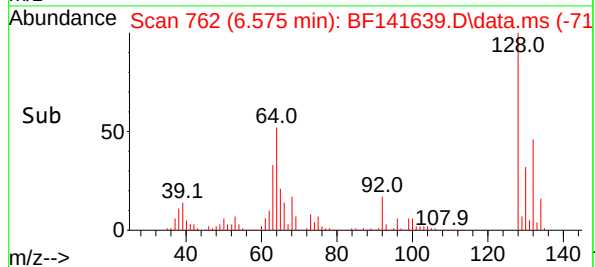
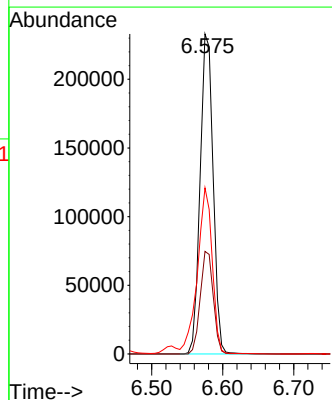
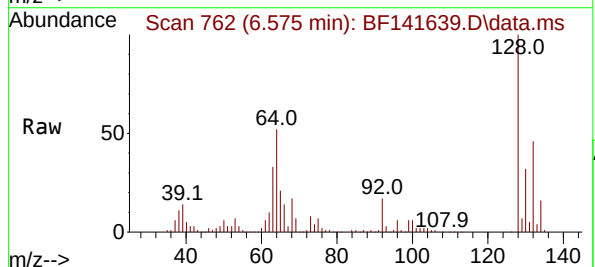
Instrument :
BNA_F
ClientSampleId :
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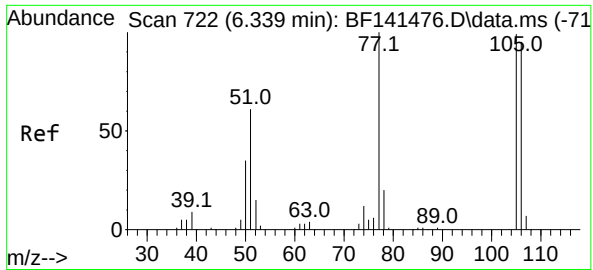
Tgt Ion: 99 Resp: 679208
Ion Ratio Lower Upper
99 100
42 21.3 19.1 28.7
71 35.9 31.1 46.7



#8
2-Chlorophenol
Concen: 39.842 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion: 128 Resp: 297396
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 51.9 28.3 68.3

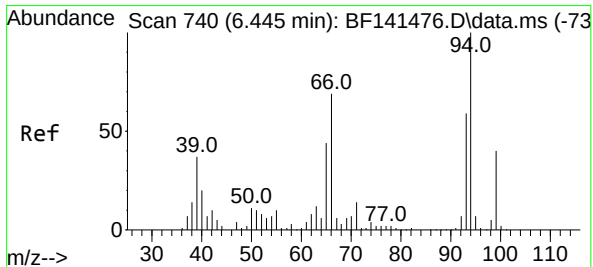
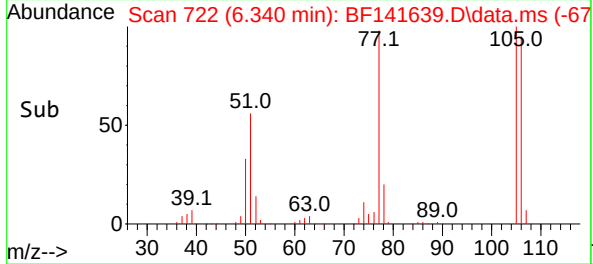
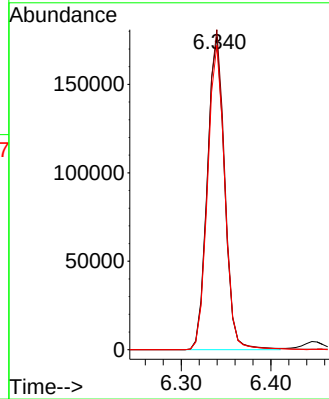
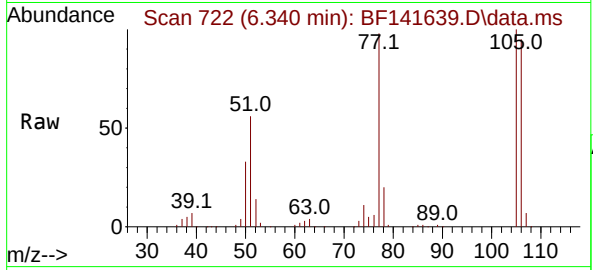




#9
Benzaldehyde
Concen: 50.939 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

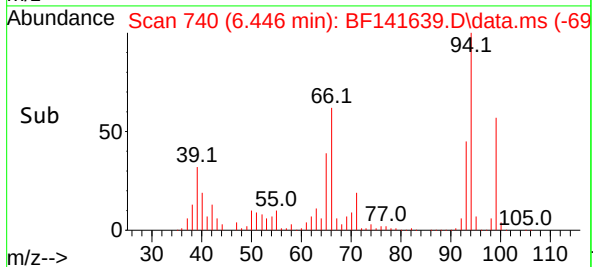
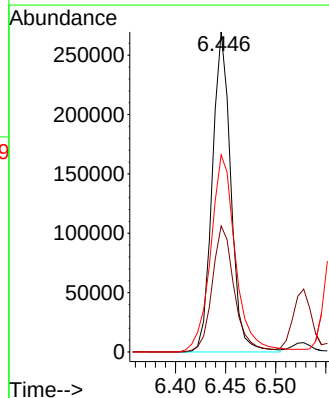
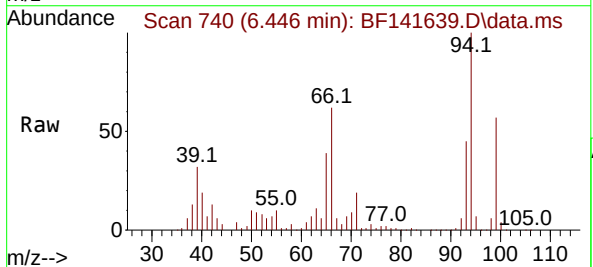
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

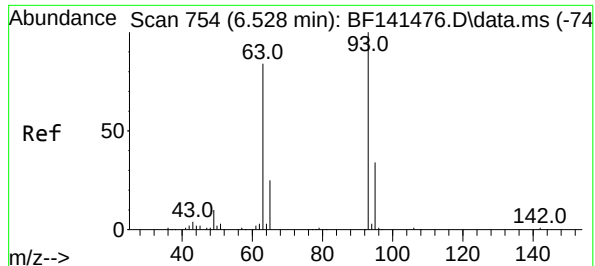
Tgt Ion: 77 Resp: 236344
Ion Ratio Lower Upper
77 100
105 102.2 79.4 119.4
106 97.3 75.1 115.1



#10
Phenol
Concen: 38.128 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion: 94 Resp: 346486
Ion Ratio Lower Upper
94 100
65 39.4 23.7 63.7
66 61.6 49.3 89.3

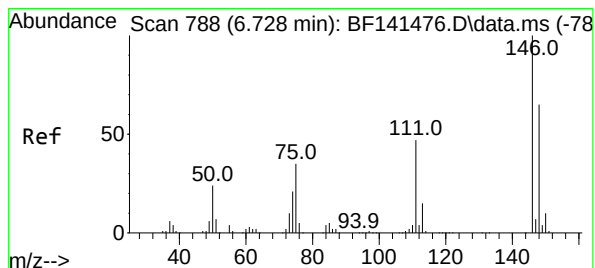
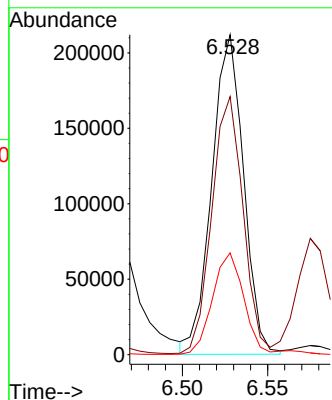
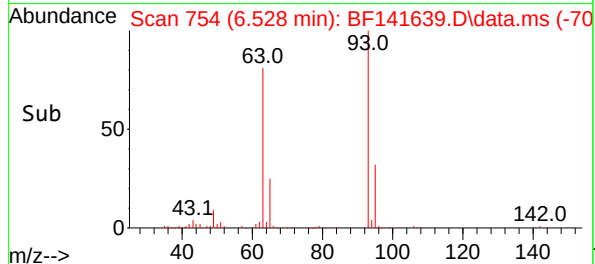
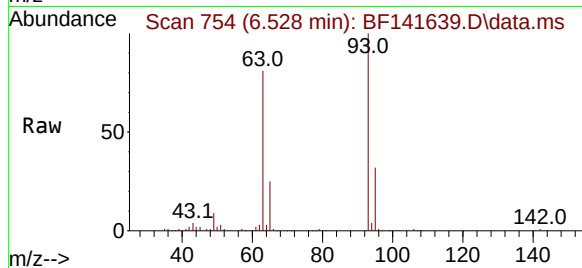




#11
bis(2-Chloroethyl)ether
Concen: 40.122 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

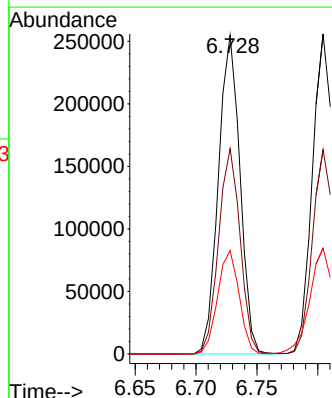
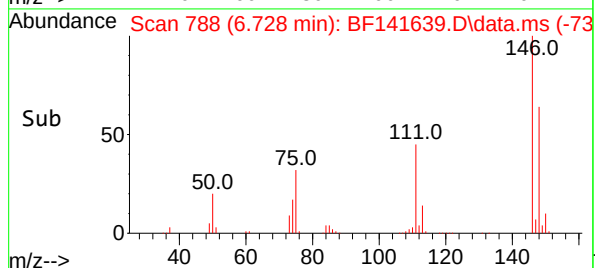
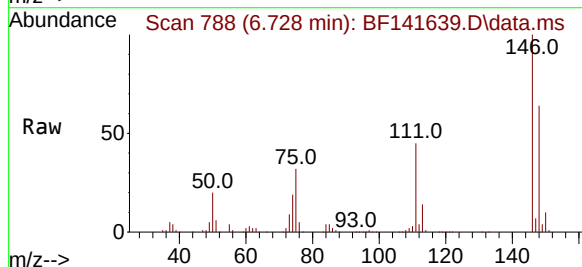
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BNA_F
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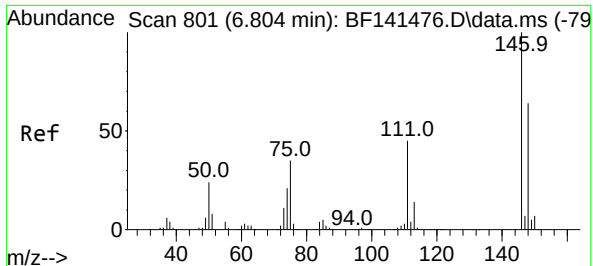
Tgt Ion: 93 Resp: 273856
Ion Ratio Lower Upper
93 100
63 80.7 62.0 102.0
95 31.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.925 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion: 146 Resp: 314616
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 32.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.145 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

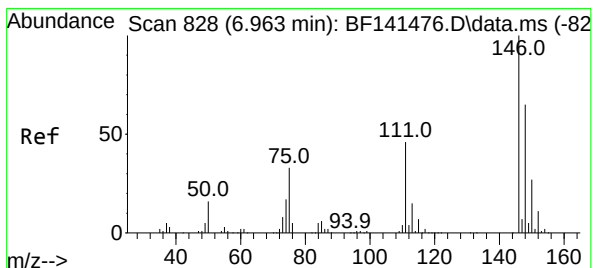
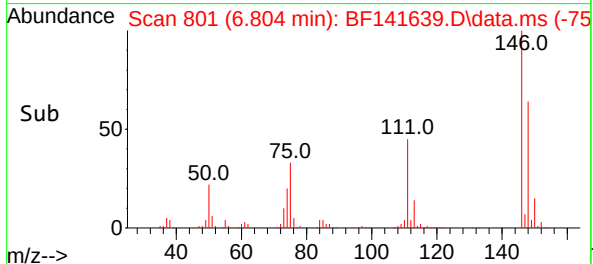
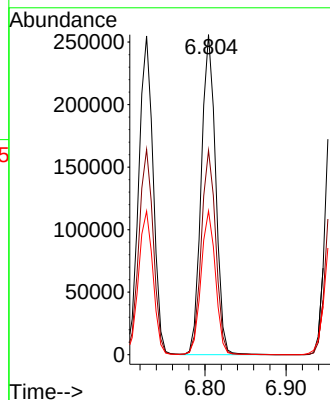
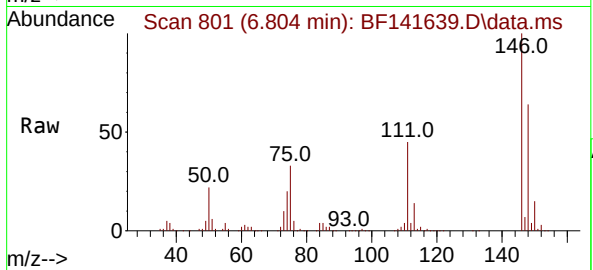
Tgt Ion:146 Resp: 315168

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 44.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.203 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

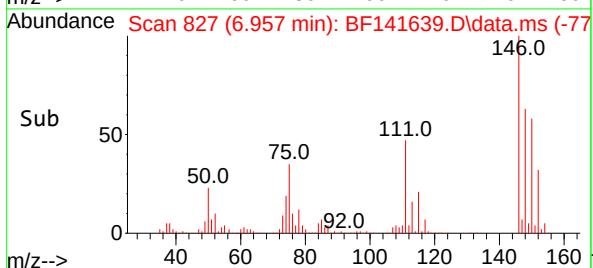
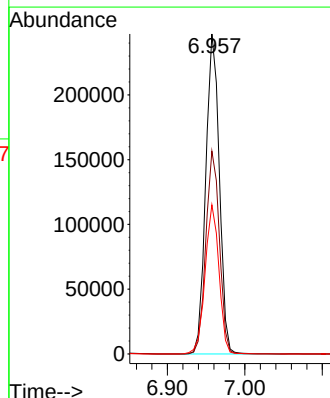
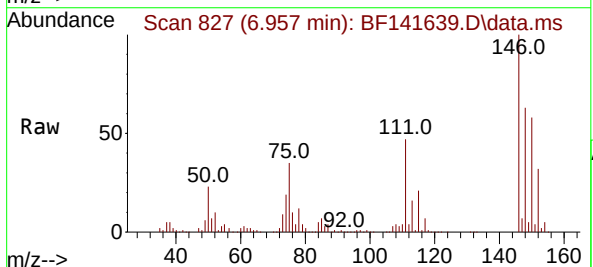
Tgt Ion:146 Resp: 300419

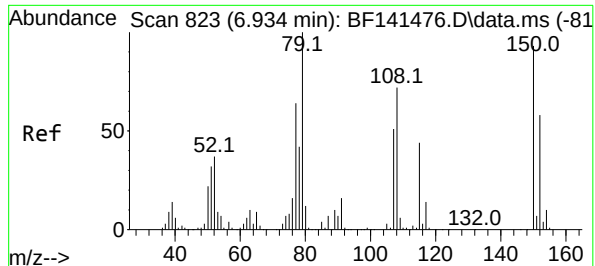
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

111 46.6 37.0 55.4





#15

Benzyl Alcohol

Concen: 37.779 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

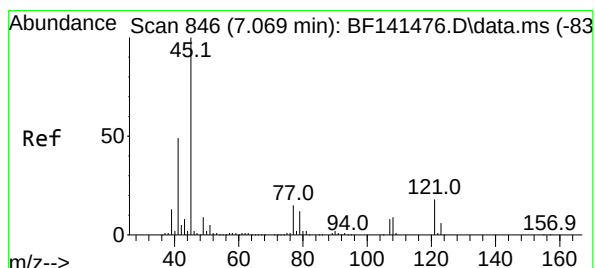
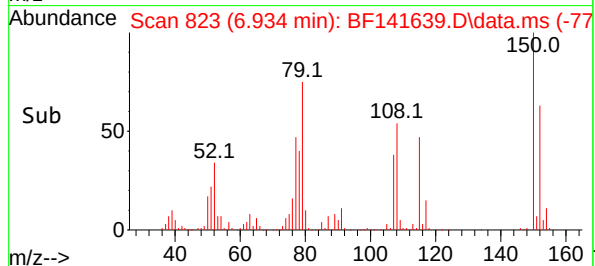
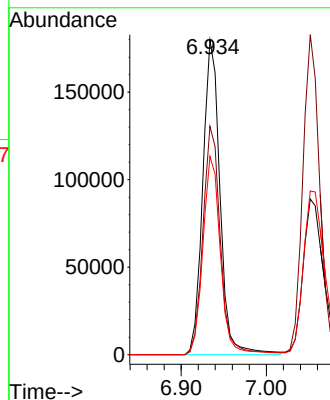
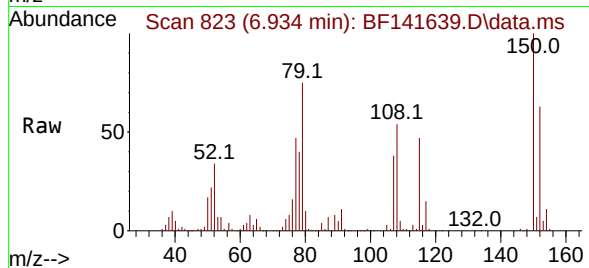
Tgt Ion: 79 Resp: 252945

Ion Ratio Lower Upper

79 100

108 72.6 57.4 86.2

77 63.0 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.160 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

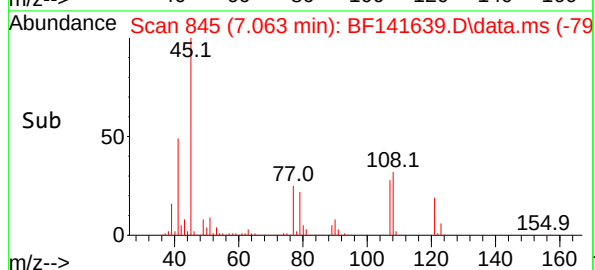
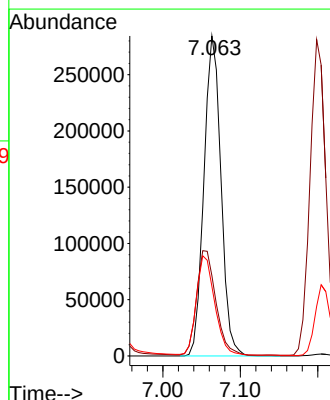
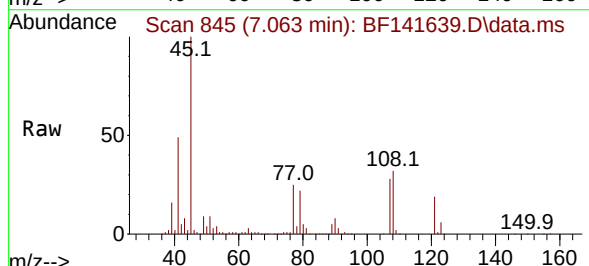
Tgt Ion: 45 Resp: 434188

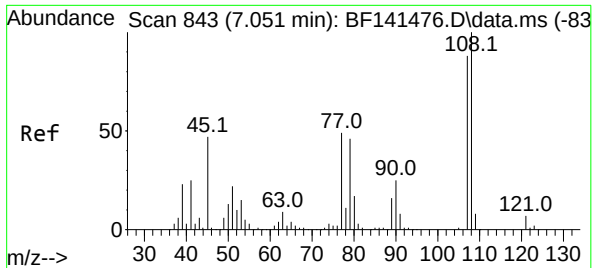
Ion Ratio Lower Upper

45 100

77 25.1 0.0 35.8

79 21.7 0.0 32.7

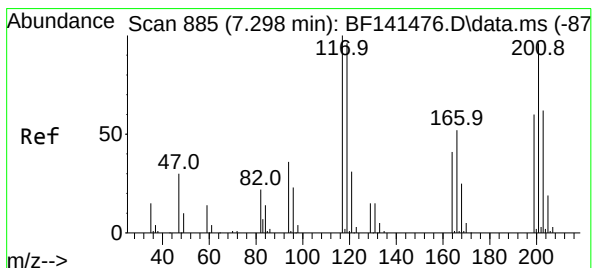
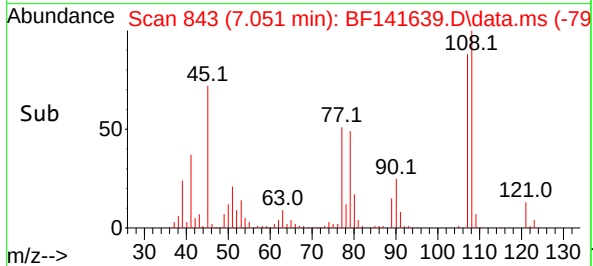
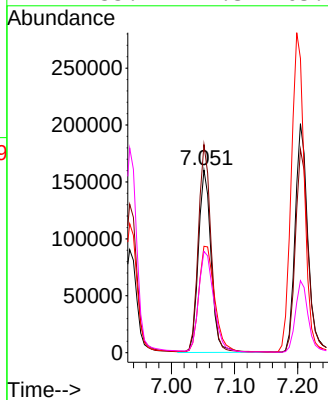
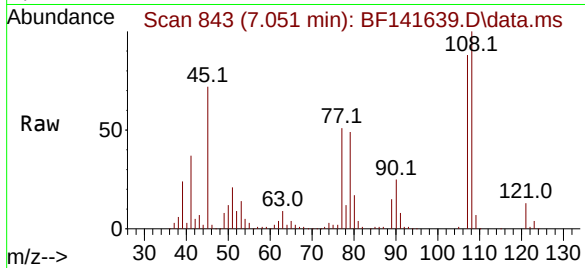




#17
2-Methylphenol
Concen: 38.596 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

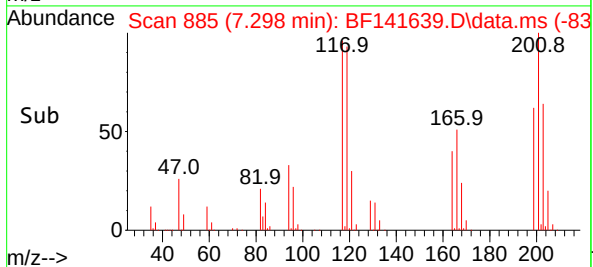
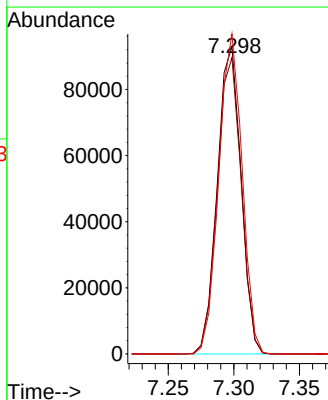
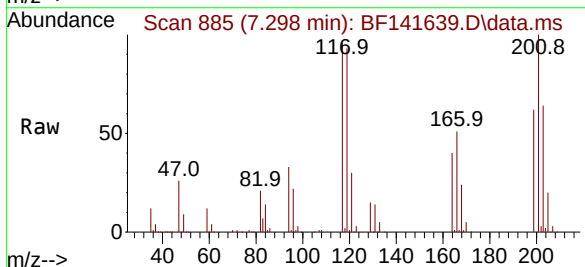
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

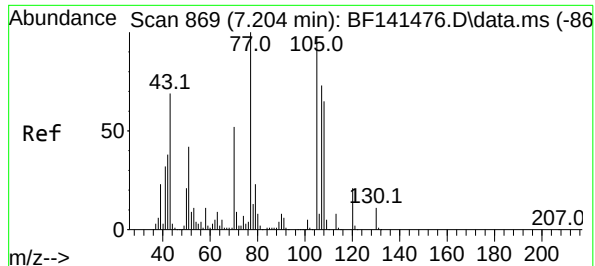
Tgt Ion:107 Resp: 225449
Ion Ratio Lower Upper
107 100
108 113.9 90.6 136.0
77 58.3 44.4 66.6
79 55.4 42.3 63.5



#18
Hexachloroethane
Concen: 39.400 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:117 Resp: 117401
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
201 104.0 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.869 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 202996

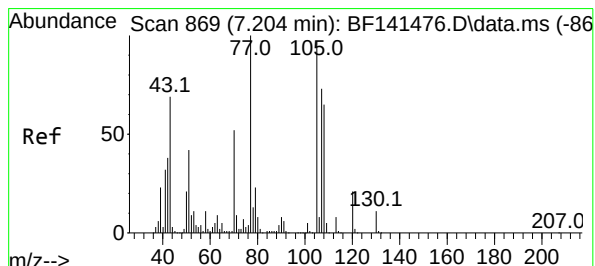
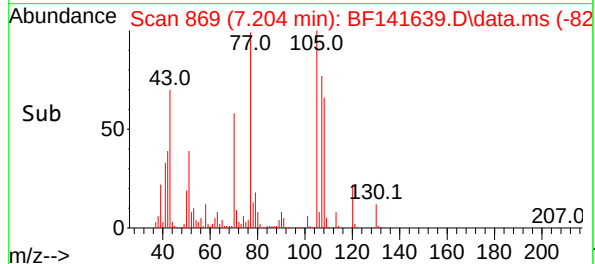
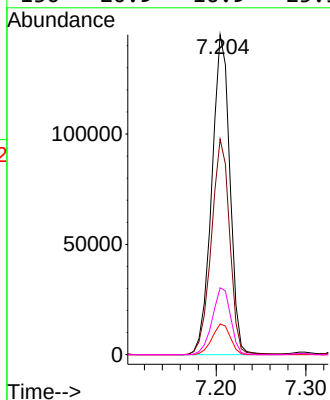
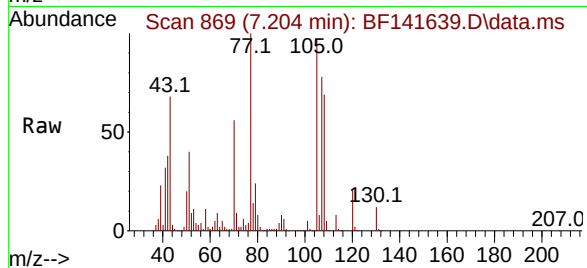
Ion Ratio Lower Upper

70 100

42 67.4 57.4 86.2

101 9.6 8.0 12.0

130 20.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.024 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Tgt Ion:107 Resp: 282264

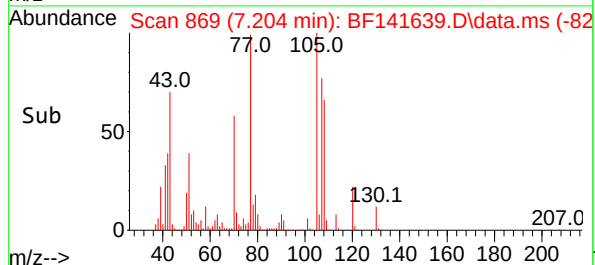
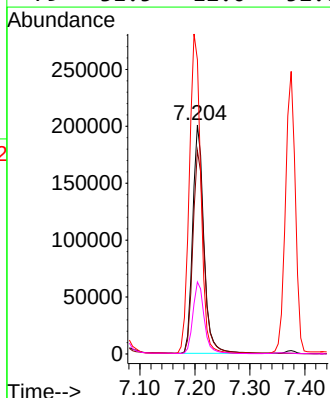
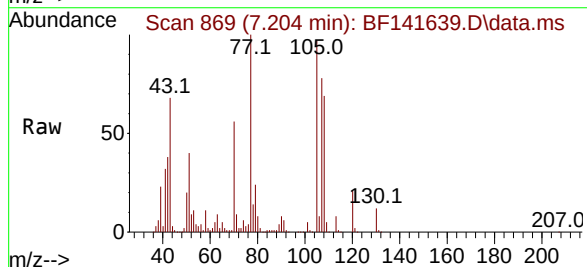
Ion Ratio Lower Upper

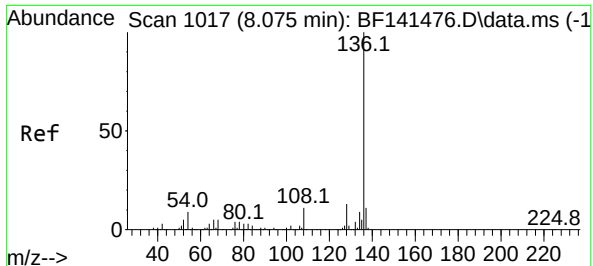
107 100

108 88.8 68.5 108.5

77 128.5 116.5 156.5

79 31.5 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 422251

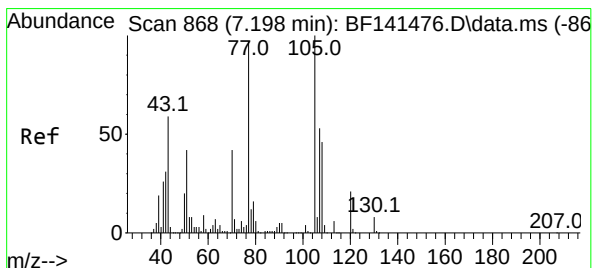
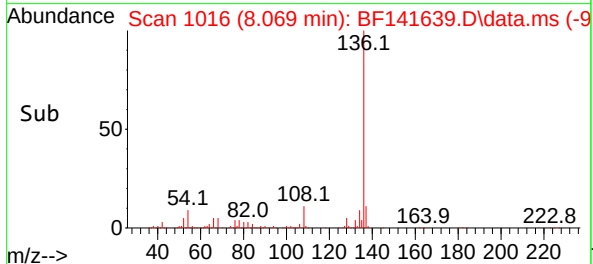
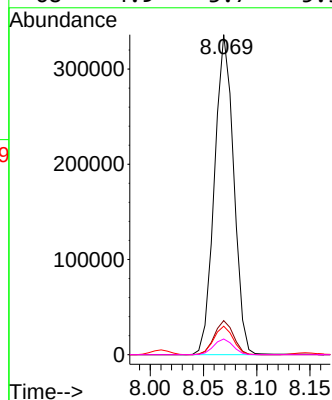
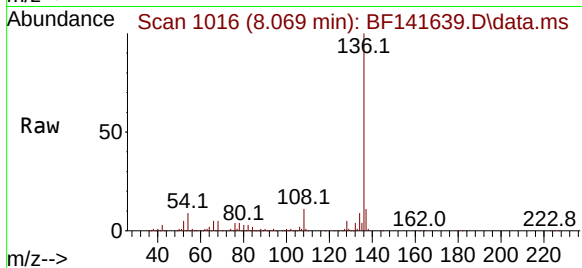
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.9 7.2 10.8

68 4.9 3.7 5.5



#22

Acetophenone

Concen: 38.520 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Tgt Ion:105 Resp: 404605

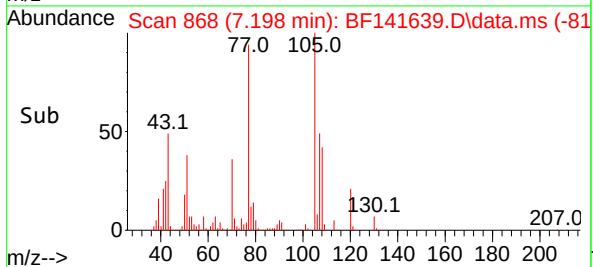
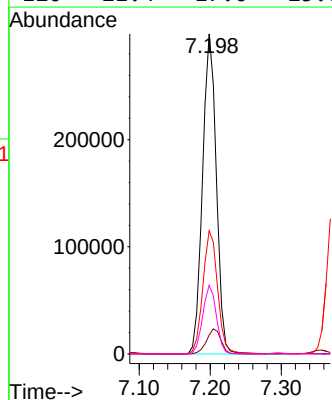
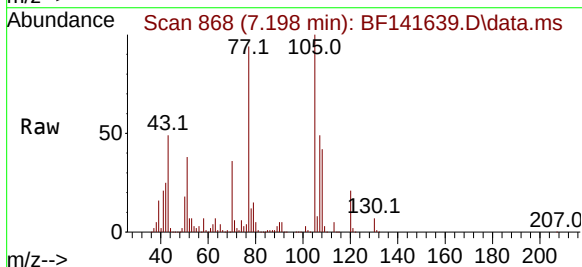
Ion Ratio Lower Upper

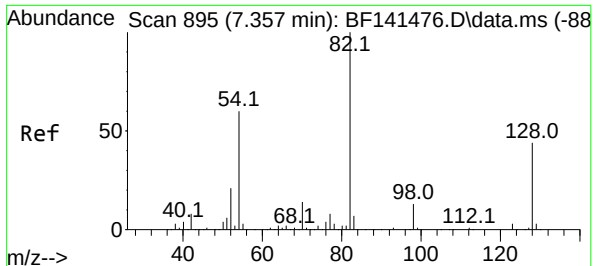
105 100

71 5.8 5.7 8.5

51 38.5 33.7 50.5

120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.887 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

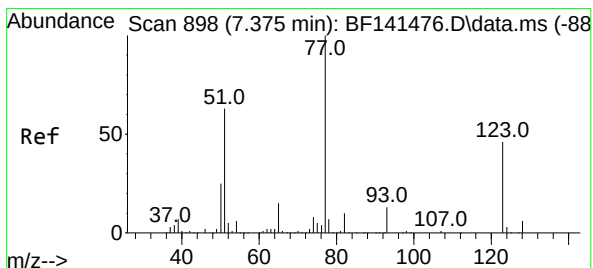
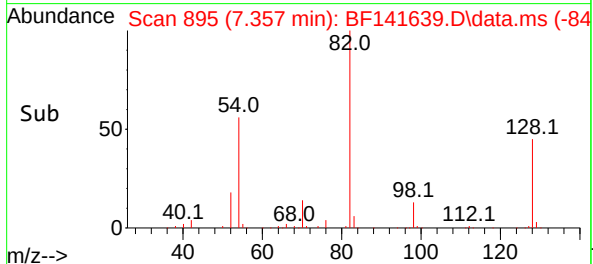
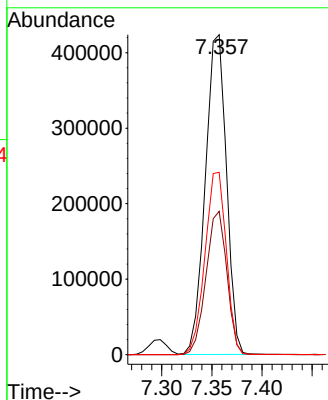
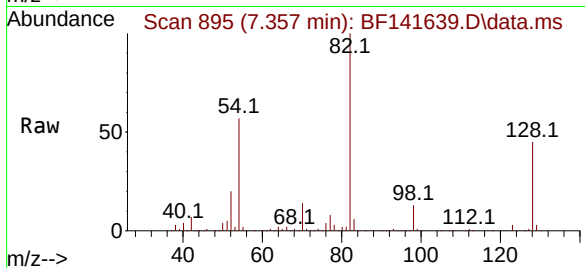
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 622443

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.8	52.2
54	57.0	48.2	72.4



#24

Nitrobenzene

Concen: 38.919 ng

RT: 7.375 min Scan# 898

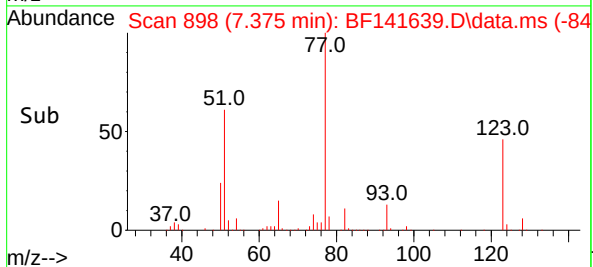
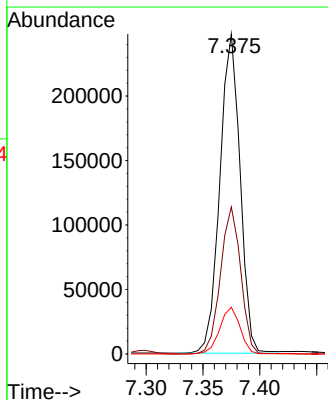
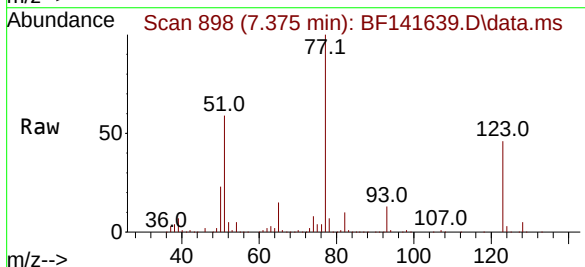
Delta R.T. -0.006 min

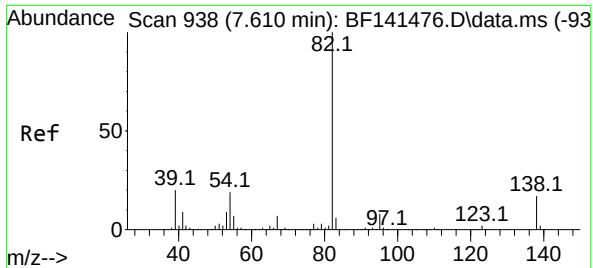
Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Tgt Ion: 77 Resp: 307237

Ion	Ratio	Lower	Upper
77	100		
123	46.0	36.9	55.3
65	14.6	11.9	17.9

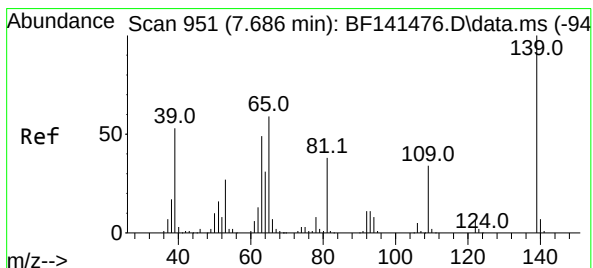
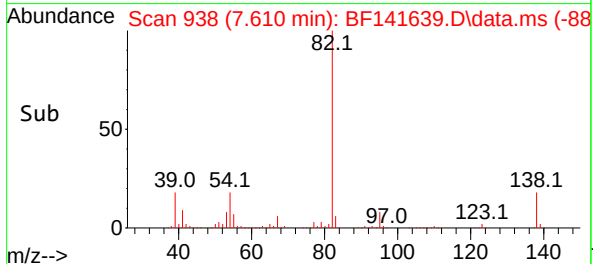
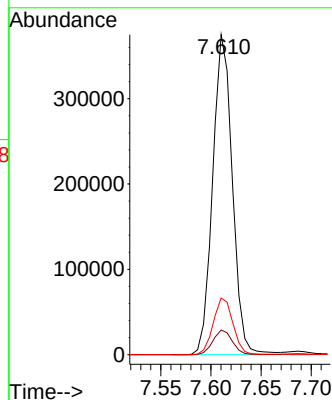
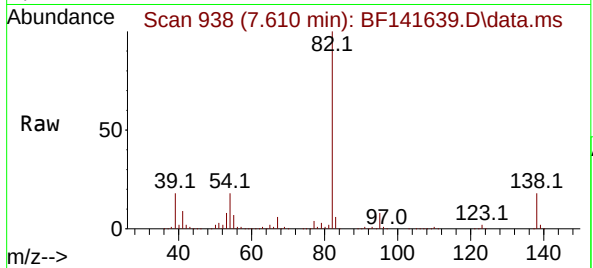




#25
Isophorone
Concen: 39.658 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

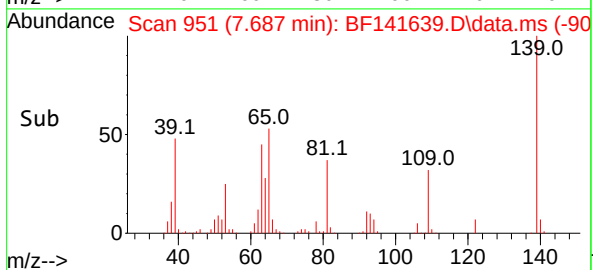
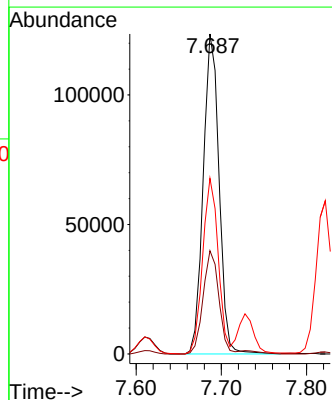
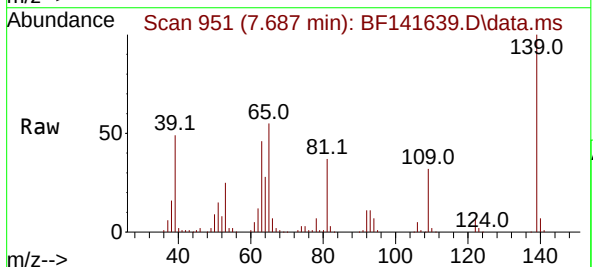
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

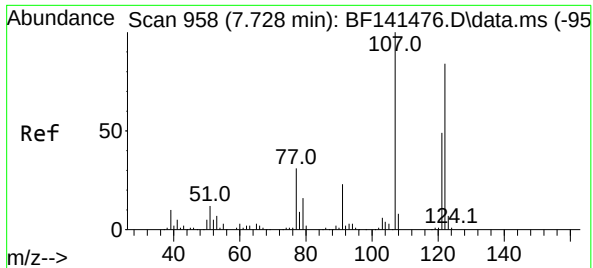
Tgt Ion: 82 Resp: 511913
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 40.672 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:139 Resp: 159741
Ion Ratio Lower Upper
139 100
109 32.3 27.0 40.6
65 54.9 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 39.621 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

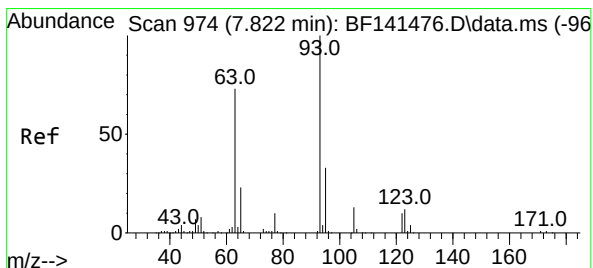
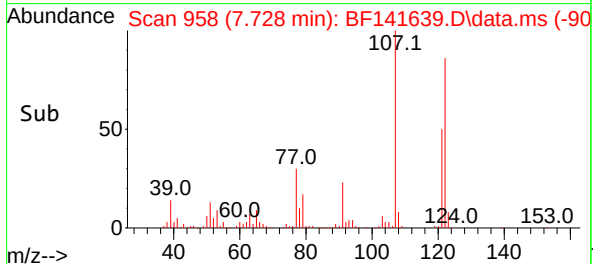
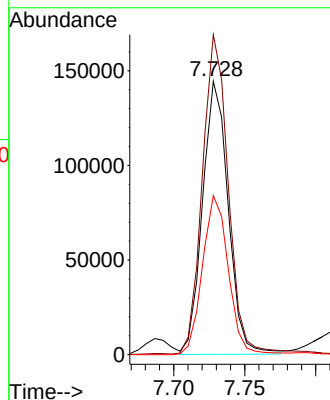
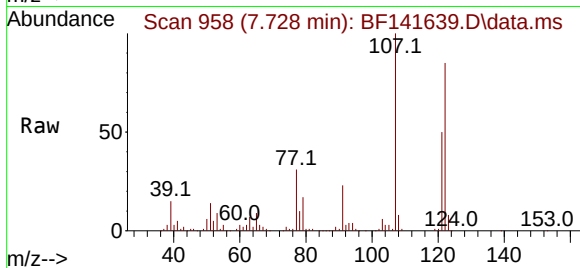
Tgt Ion:122 Resp: 181789

Ion Ratio Lower Upper

122 100

107 117.1 94.3 141.5

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.372 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

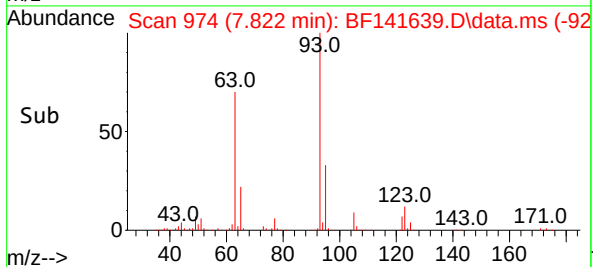
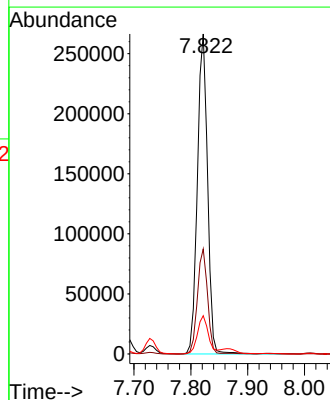
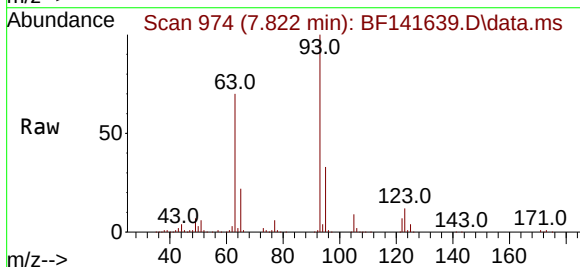
Tgt Ion: 93 Resp: 333926

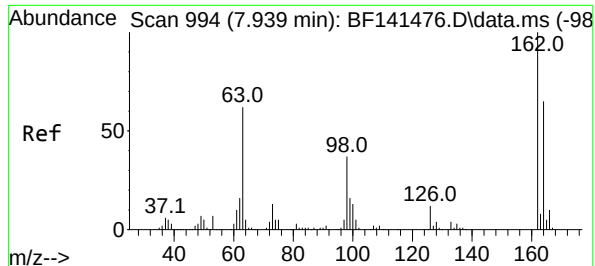
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 39.817 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

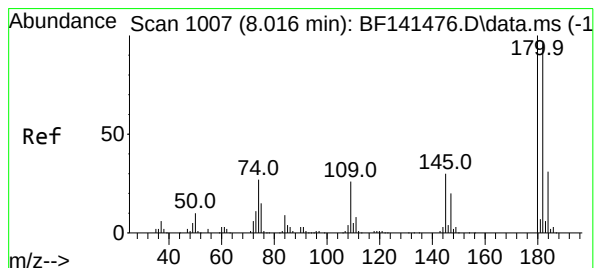
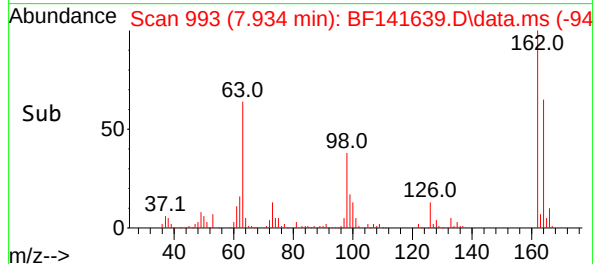
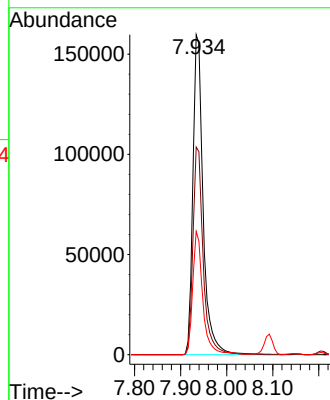
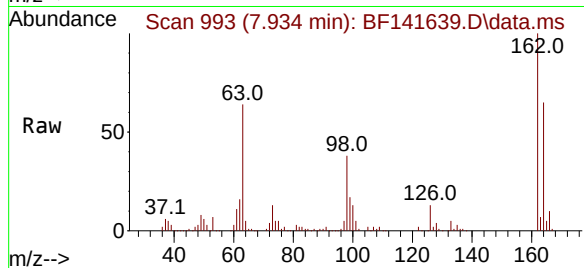
Tgt Ion:162 Resp: 246835

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

98 38.5 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.570 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

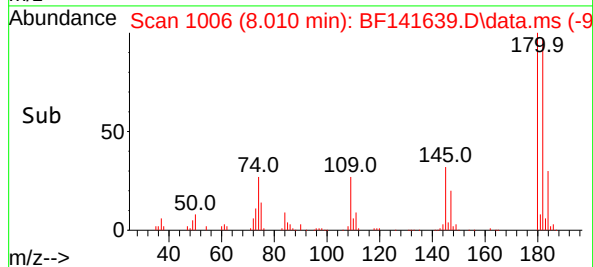
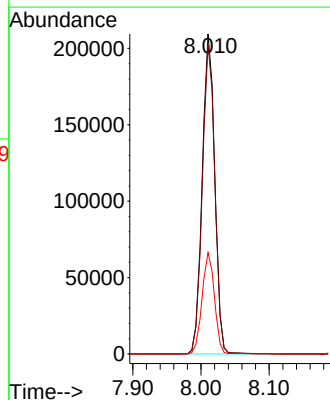
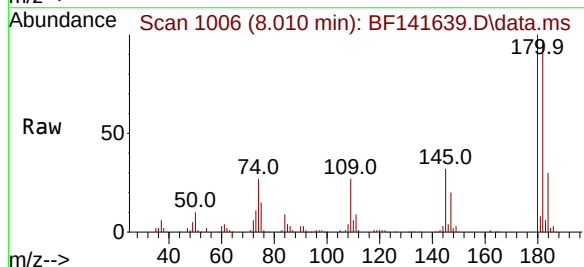
Tgt Ion:180 Resp: 267133

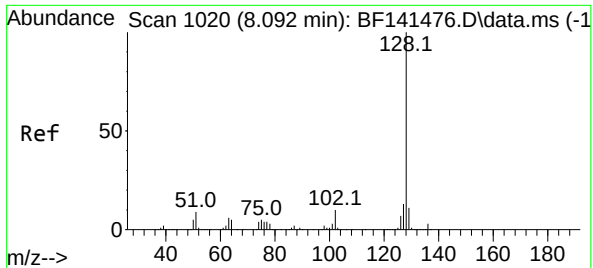
Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

145 31.7 24.2 36.4

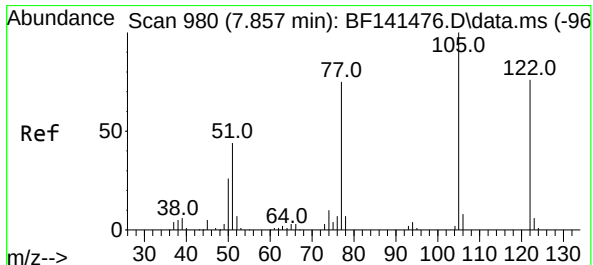
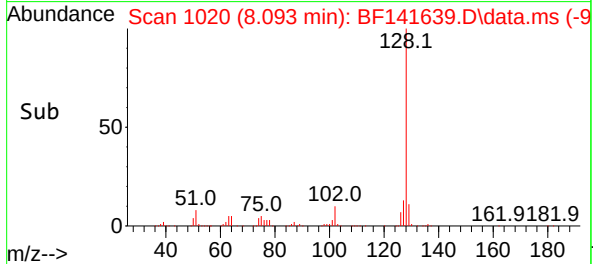
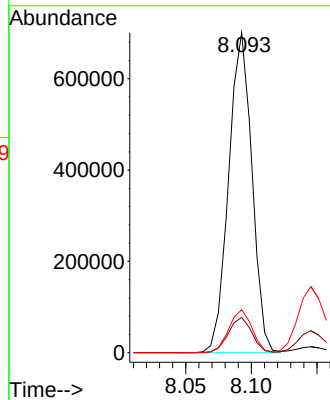
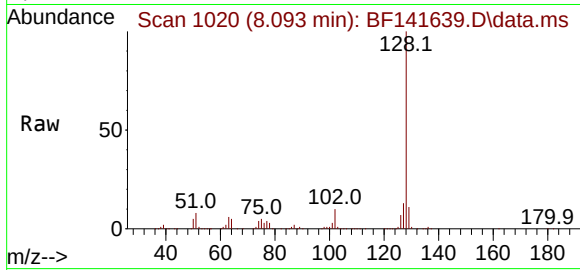




#31
Naphthalene
Concen: 39.384 ng
RT: 8.093 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

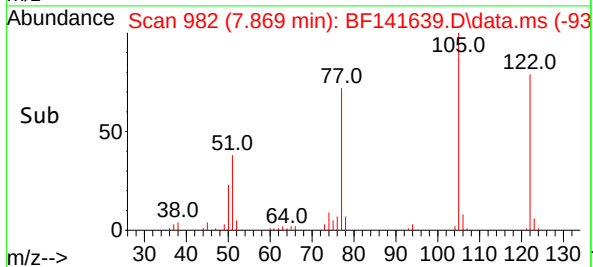
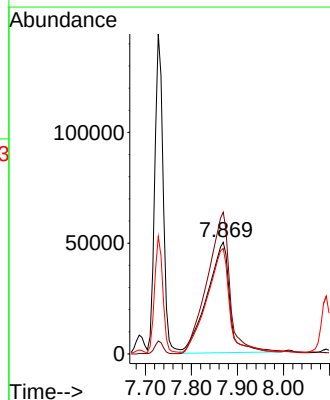
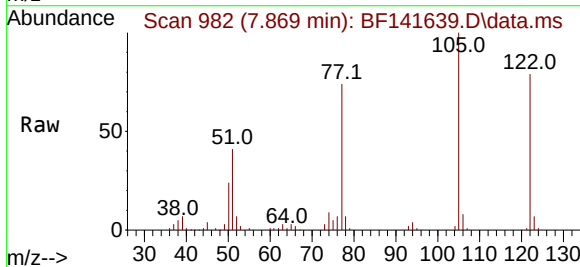
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

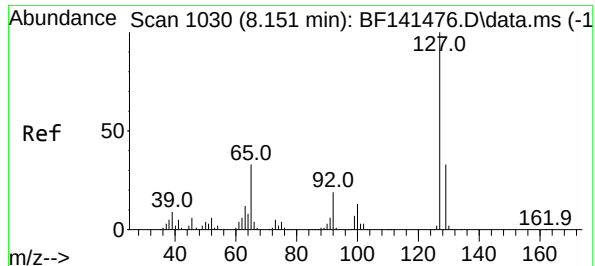
Tgt Ion:128 Resp: 865653
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 35.769 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:122 Resp: 170465
Ion Ratio Lower Upper
122 100
105 126.9 106.5 146.5
77 94.4 76.3 116.3





#33

4-Chloroaniline

Concen: 36.434 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 279595

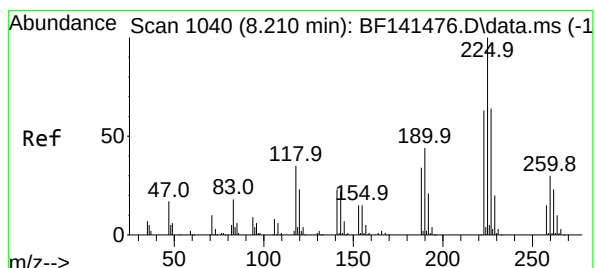
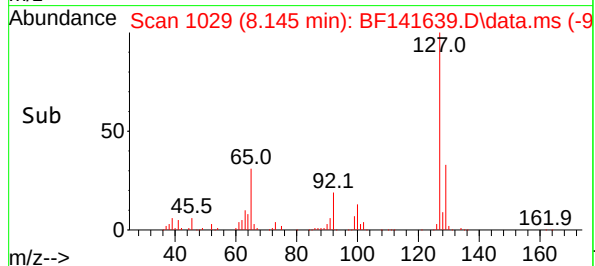
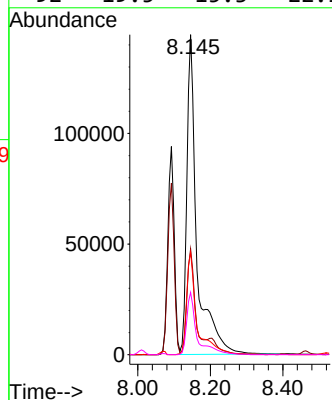
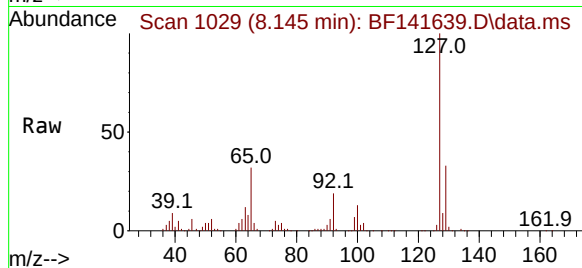
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 32.0 26.4 39.6

92 19.5 15.3 22.9



#34

Hexachlorobutadiene

Concen: 40.726 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

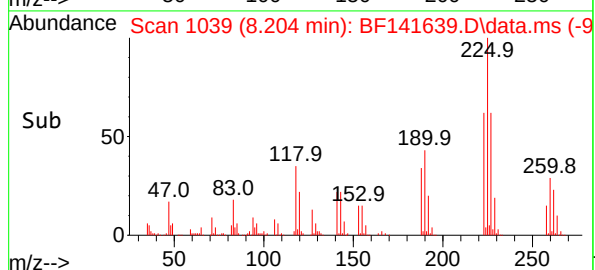
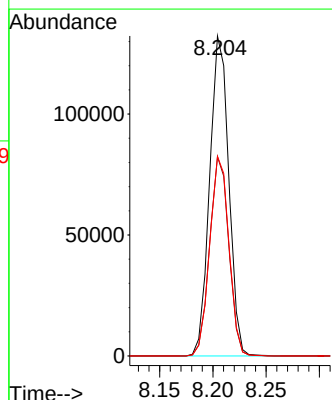
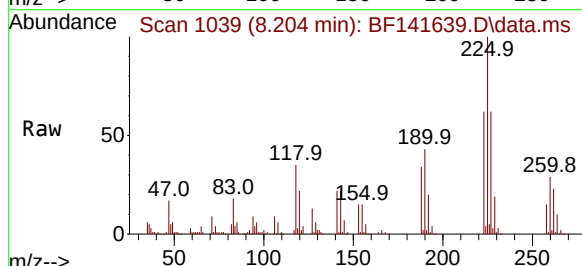
Tgt Ion:225 Resp: 165053

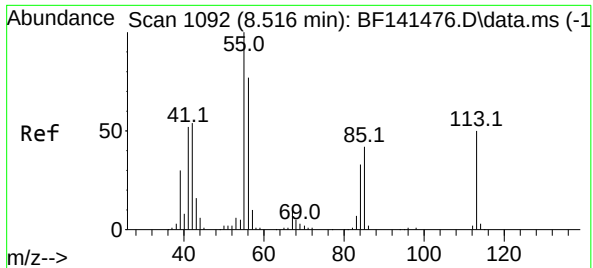
Ion Ratio Lower Upper

225 100

223 62.3 50.1 75.1

227 62.4 51.0 76.6





#35

Caprolactam

Concen: 40.442 ng

RT: 8.522 min Scan# 1092

Delta R.T. -0.023 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

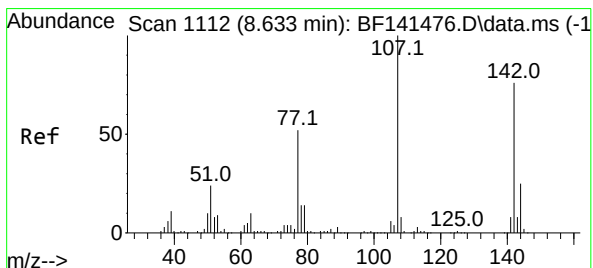
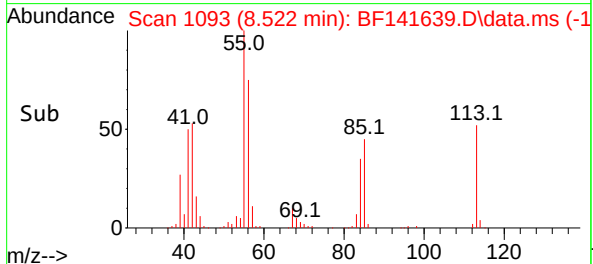
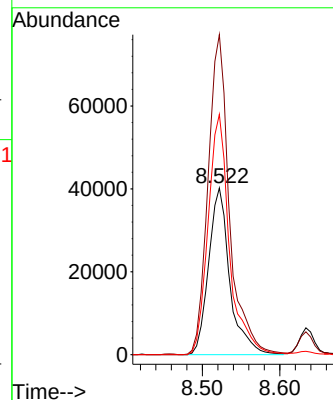
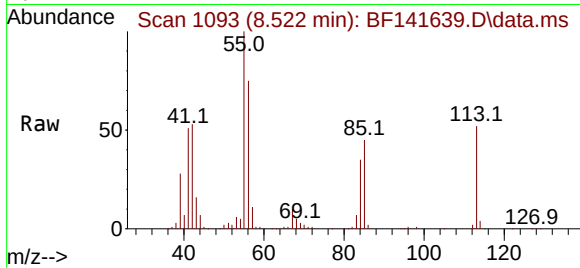
Tgt Ion:113 Resp: 76335

Ion Ratio Lower Upper

113 100

55 191.8 180.8 220.8

56 144.0 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 39.160 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

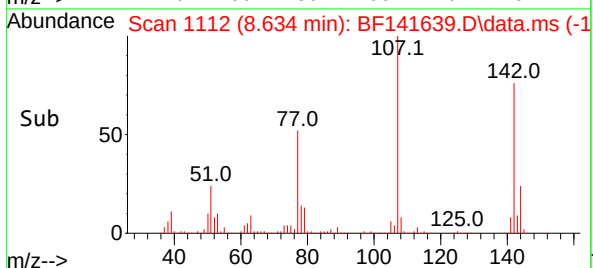
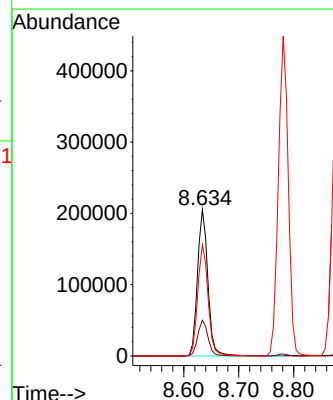
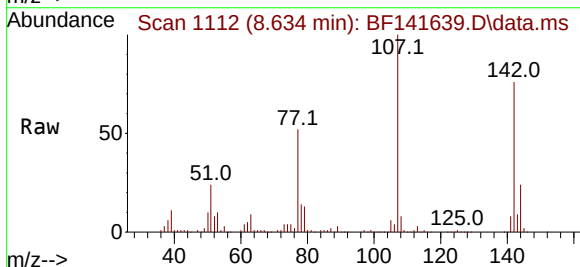
Tgt Ion:107 Resp: 268914

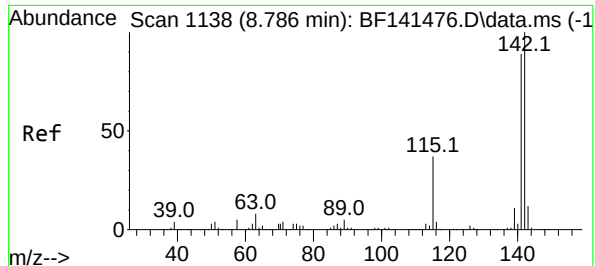
Ion Ratio Lower Upper

107 100

144 24.4 19.7 29.5

142 76.1 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.264 ng

RT: 8.781 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

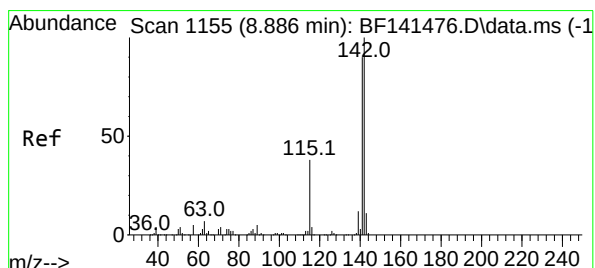
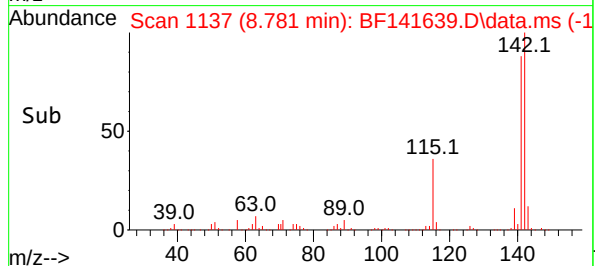
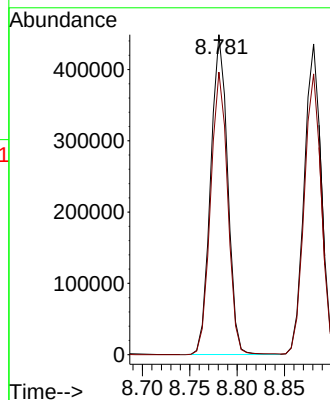
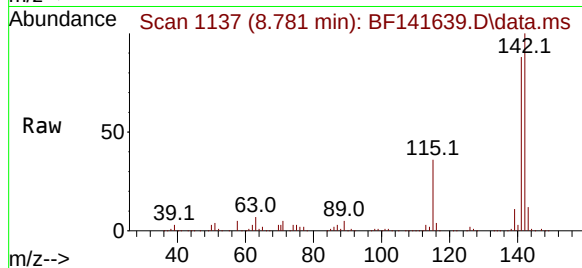
SSTDCCC040

Tgt Ion:142 Resp: 561598

Ion Ratio Lower Upper

142 100

141 88.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 39.299 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141639.D

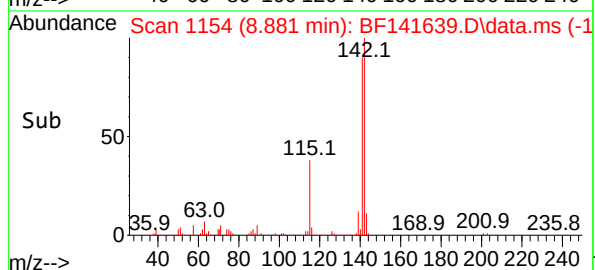
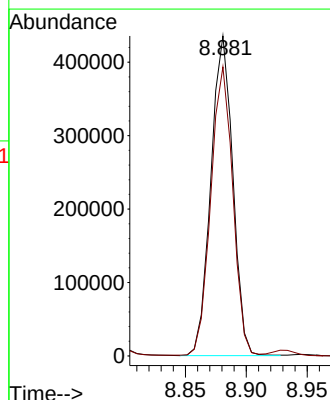
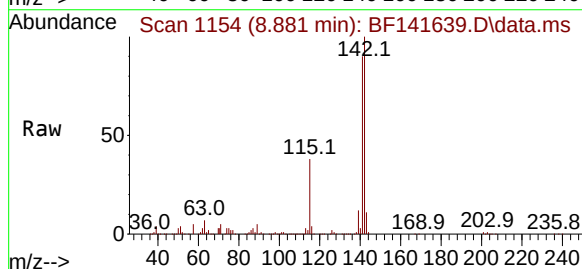
Acq: 14 Feb 2025 15:04

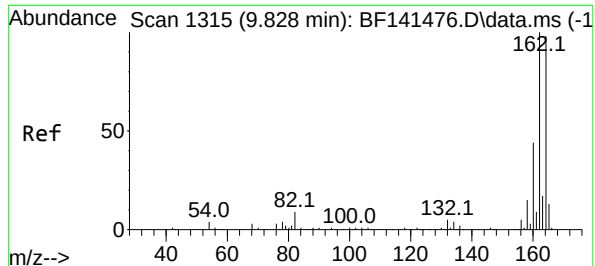
Tgt Ion:142 Resp: 544405

Ion Ratio Lower Upper

142 100

141 90.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

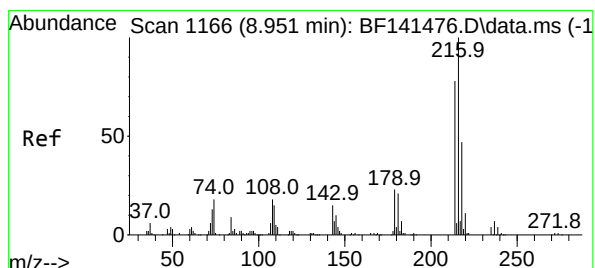
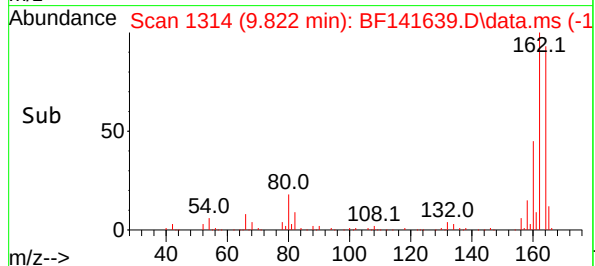
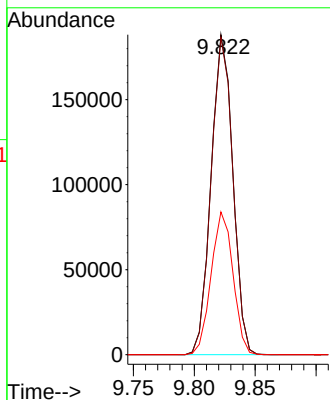
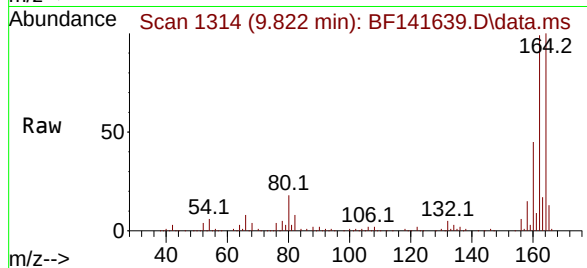
Tgt Ion:164 Resp: 233877

Ion Ratio Lower Upper

164 100

162 99.2 81.3 121.9

160 44.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.600 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Tgt Ion:216 Resp: 267950

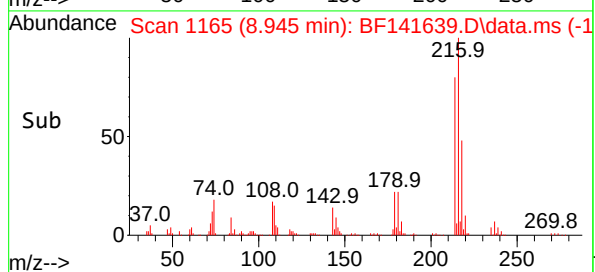
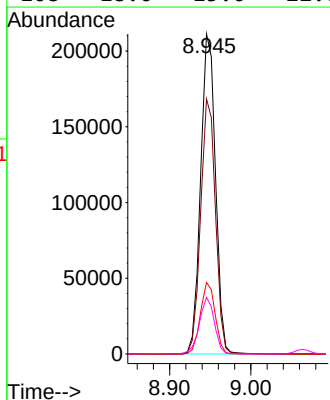
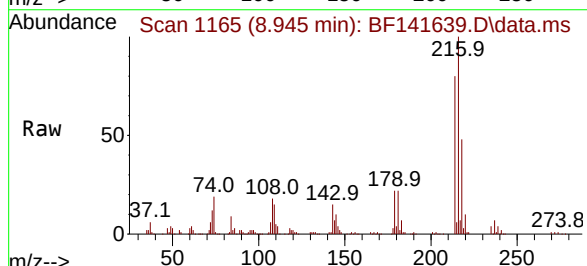
Ion Ratio Lower Upper

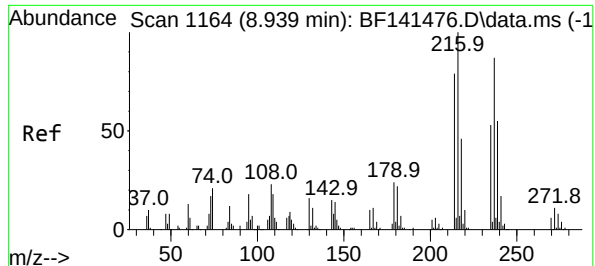
216 100

214 79.5 62.3 93.5

179 22.1 18.0 27.0

108 18.0 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 33.235 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

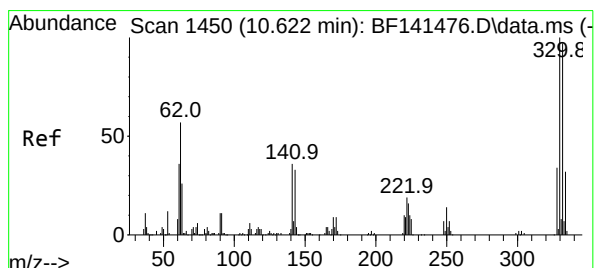
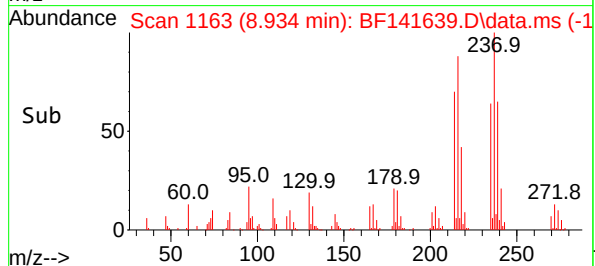
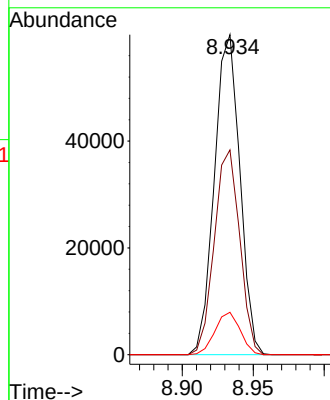
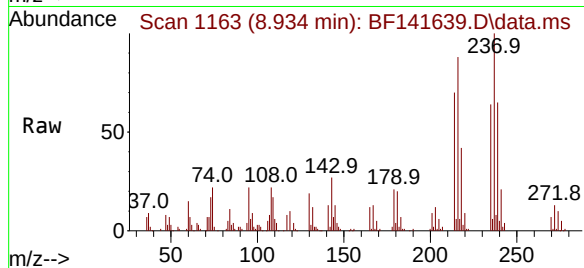
Tgt Ion:237 Resp: 74797

Ion Ratio Lower Upper

237 100

235 64.0 41.4 81.4

272 13.2 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 77.686 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

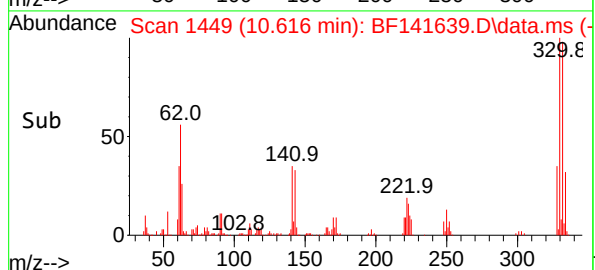
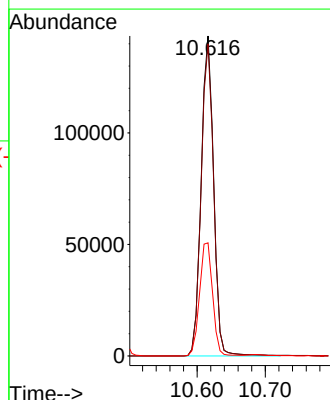
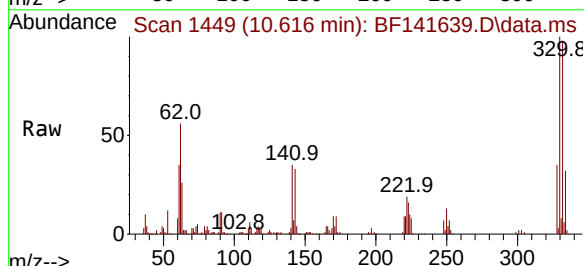
Tgt Ion:330 Resp: 182516

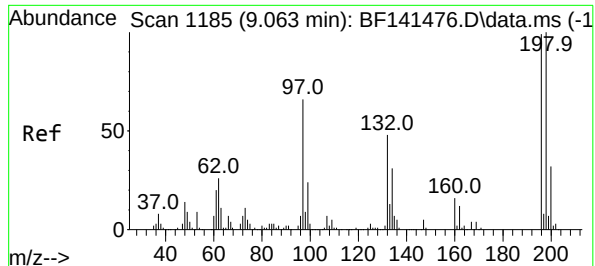
Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

141 37.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 39.162 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

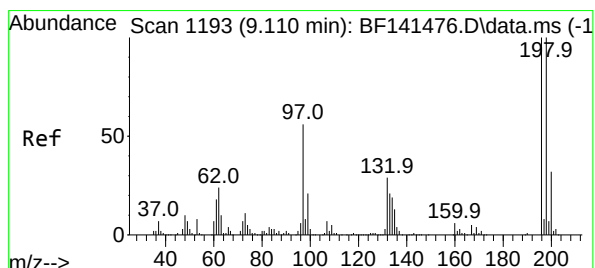
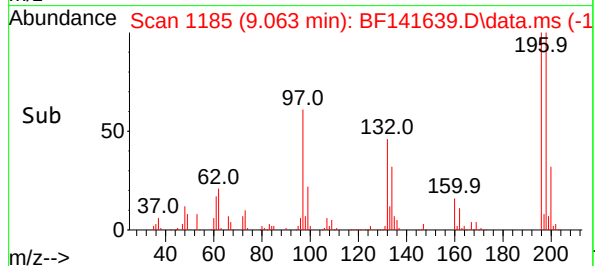
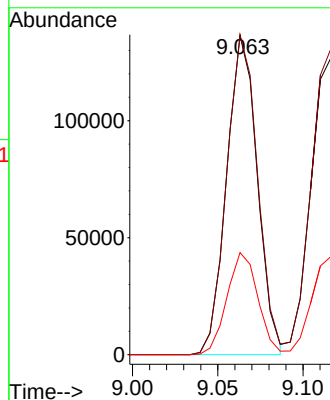
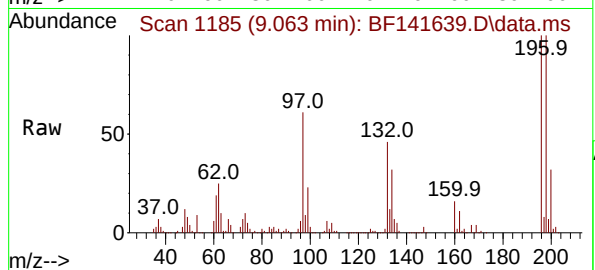
Tgt Ion:196 Resp: 171261

Ion Ratio Lower Upper

196 100

198 100.3 80.6 121.0

200 32.0 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 38.815 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Tgt Ion:196 Resp: 183966

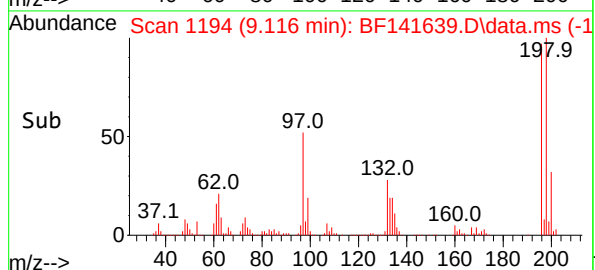
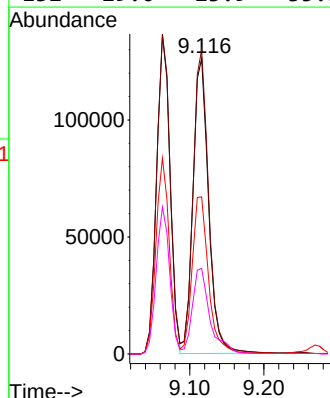
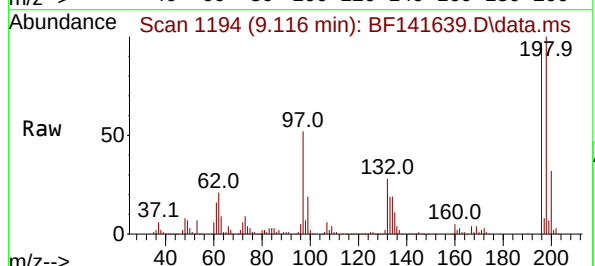
Ion Ratio Lower Upper

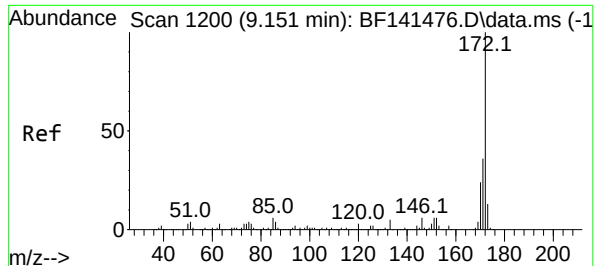
196 100

198 103.1 79.8 119.8

97 53.2 44.8 67.2

132 29.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 76.211 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

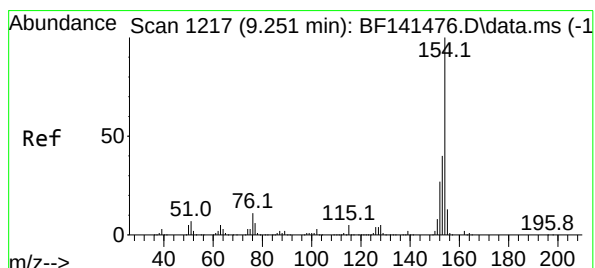
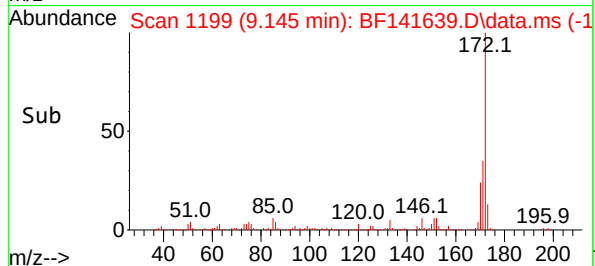
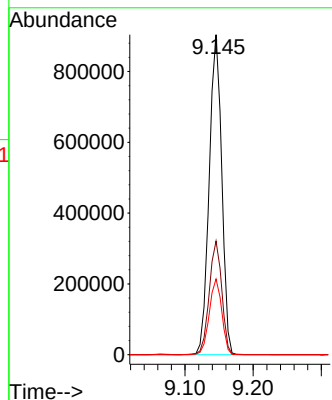
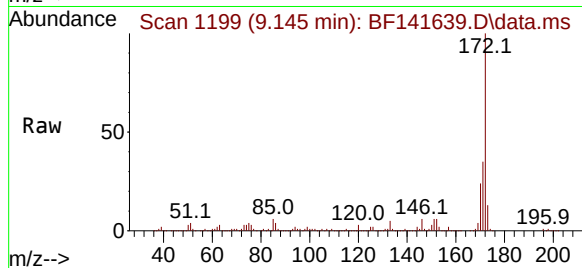
Tgt Ion:172 Resp: 1156919

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 38.811 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

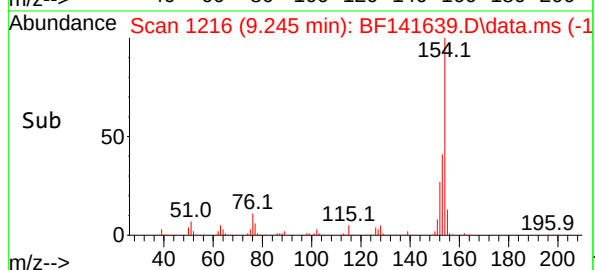
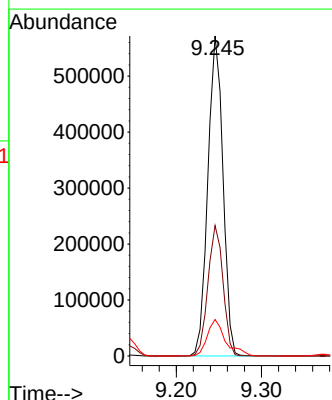
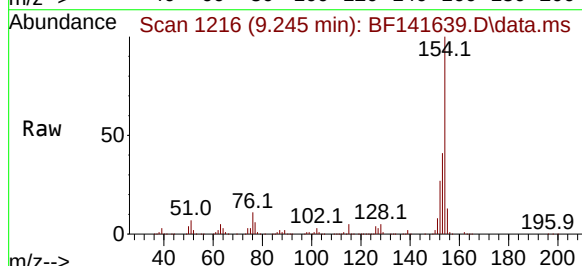
Tgt Ion:154 Resp: 703721

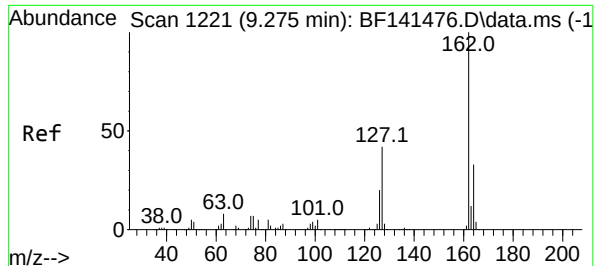
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.4 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.206 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

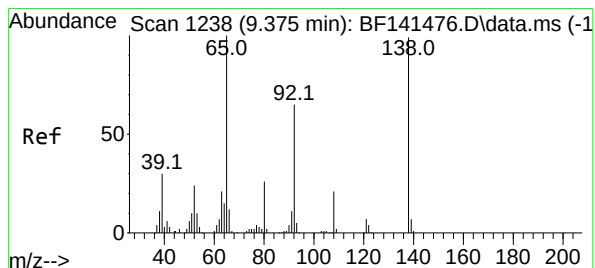
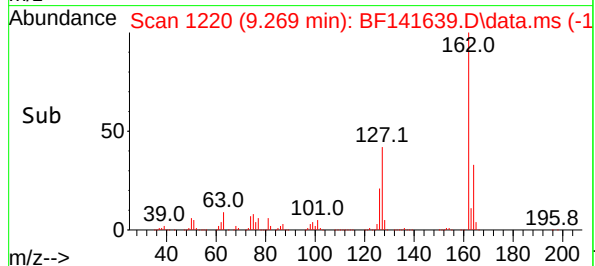
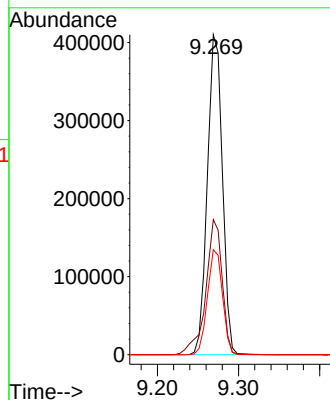
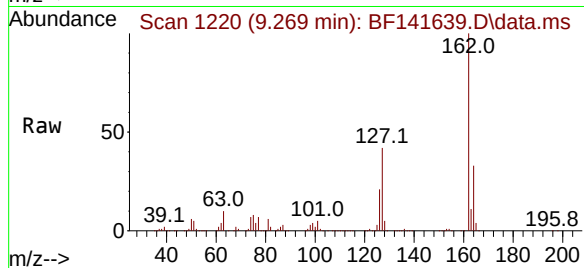
Tgt Ion:162 Resp: 525679

Ion Ratio Lower Upper

162 100

127 42.2 34.1 51.1

164 32.8 26.3 39.5



#48

2-Nitroaniline

Concen: 37.763 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

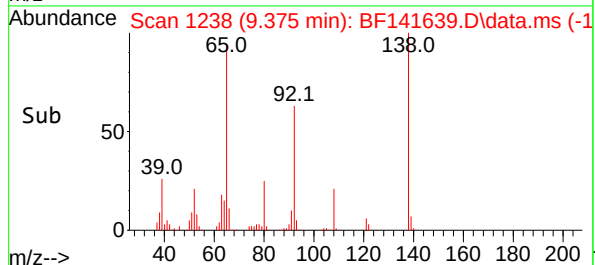
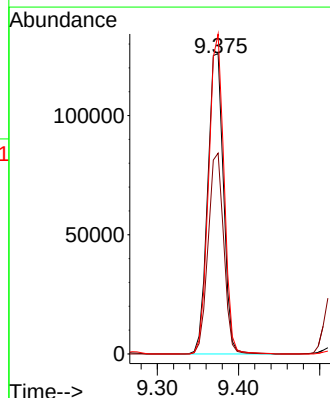
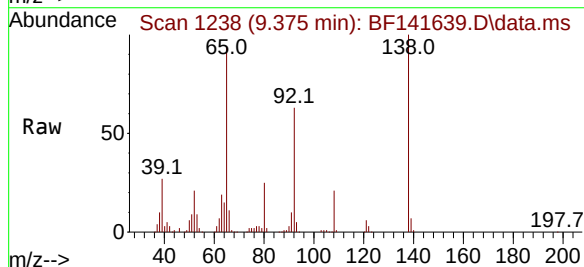
Tgt Ion: 65 Resp: 169924

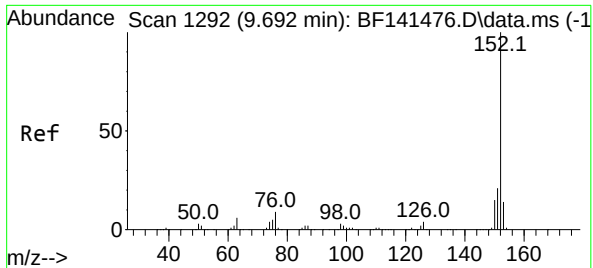
Ion Ratio Lower Upper

65 100

92 66.9 52.2 78.2

138 106.6 79.5 119.3





#49

Acenaphthylene

Concen: 38.128 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

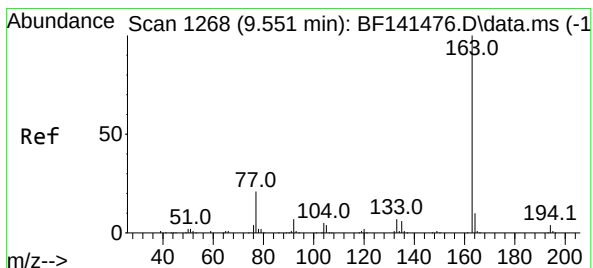
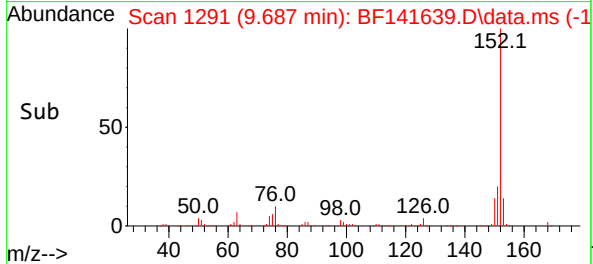
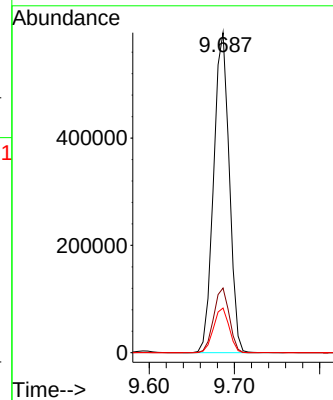
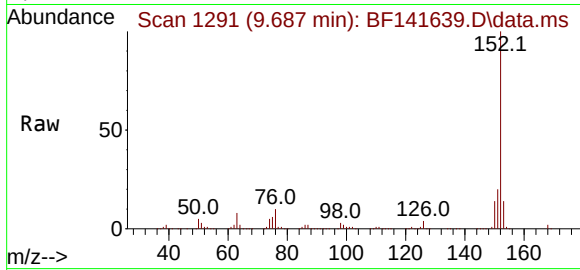
Tgt Ion:152 Resp: 760389

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 39.483 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

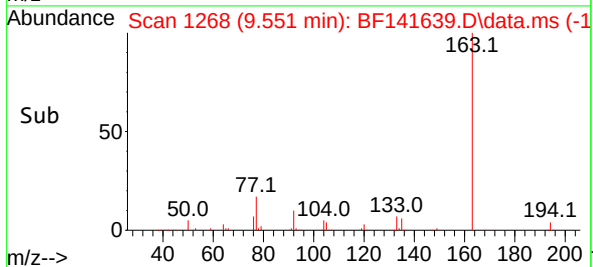
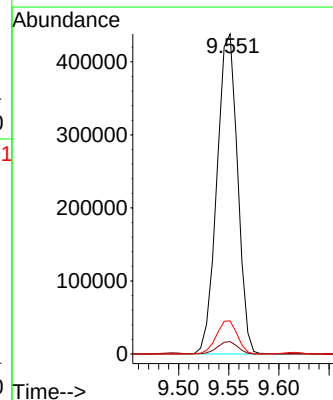
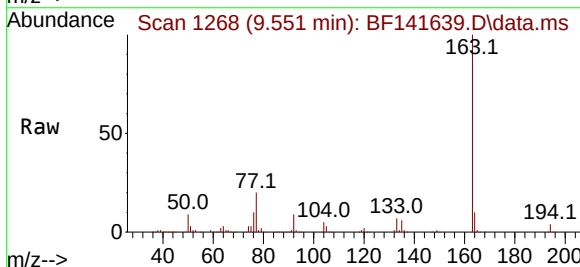
Tgt Ion:163 Resp: 626882

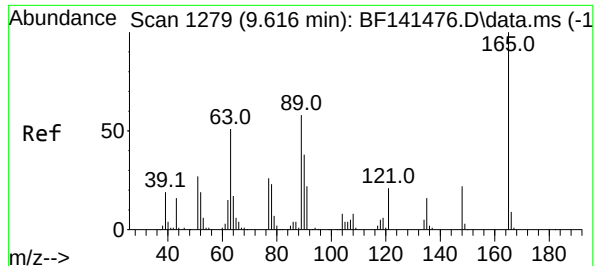
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.3 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 39.222 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

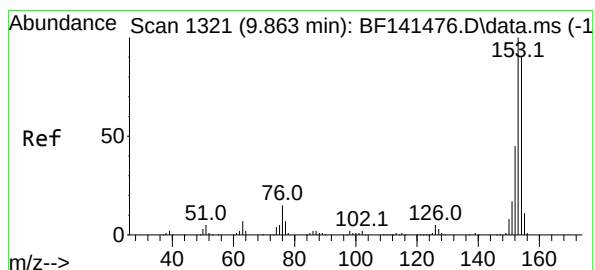
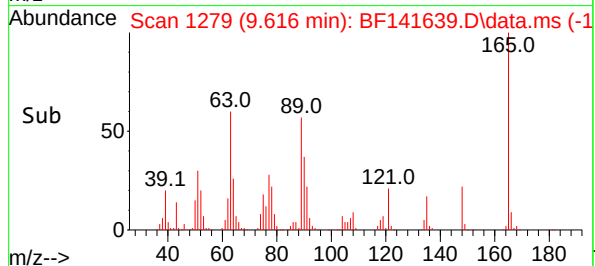
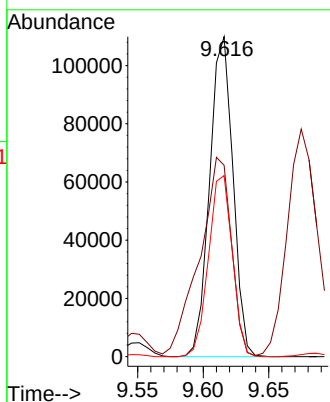
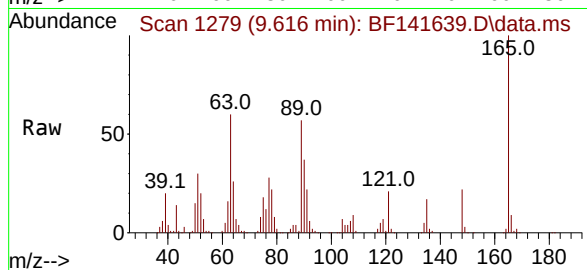
Tgt Ion:165 Resp: 136136

Ion Ratio Lower Upper

165 100

63 59.8 49.4 74.0

89 56.6 46.5 69.7



#52

Acenaphthene

Concen: 37.810 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

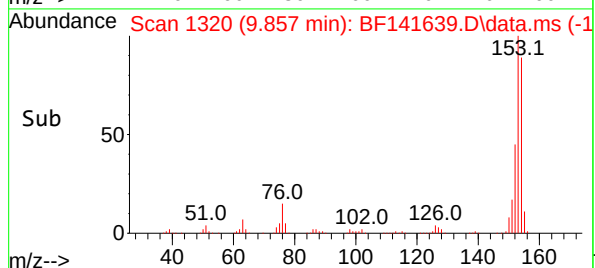
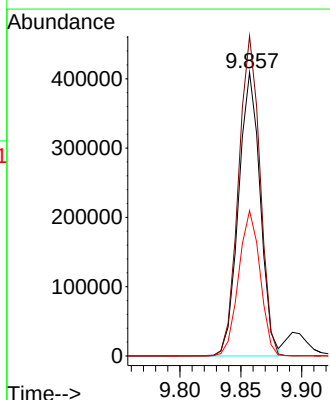
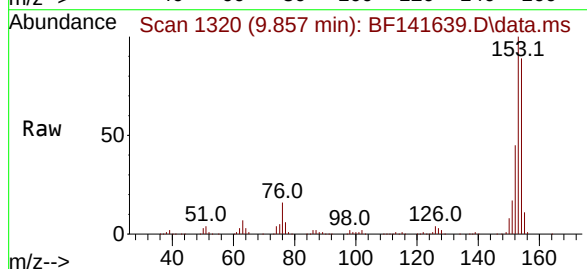
Tgt Ion:154 Resp: 506943

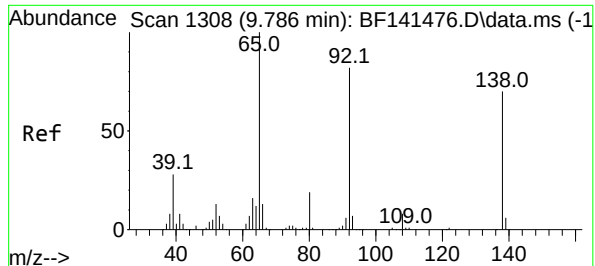
Ion Ratio Lower Upper

154 100

153 112.9 89.2 133.8

152 51.3 39.8 59.8





#53

3-Nitroaniline

Concen: 37.783 ng

RT: 9.787 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

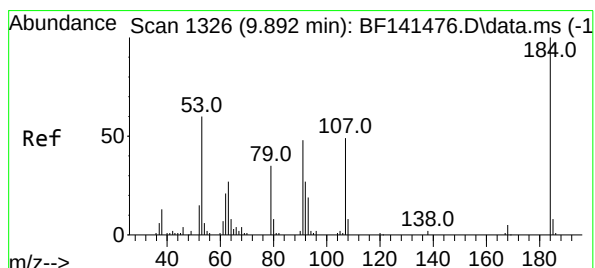
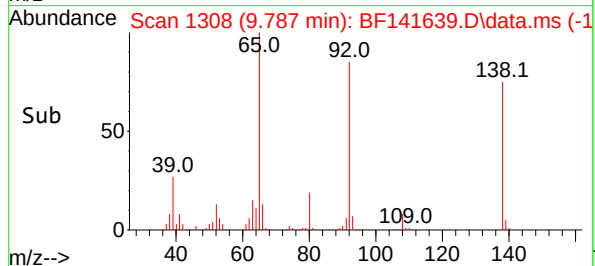
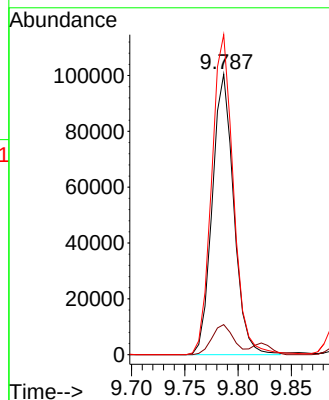
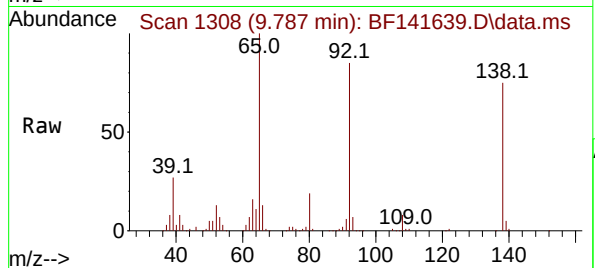
Tgt Ion:138 Resp: 141145

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.4

92 114.1 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 36.888 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

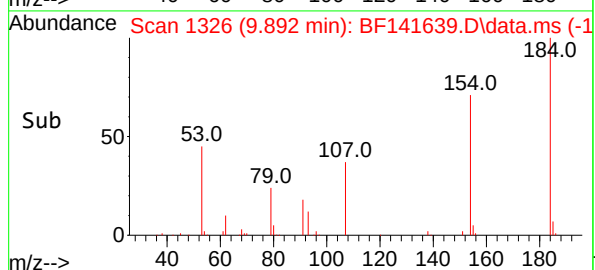
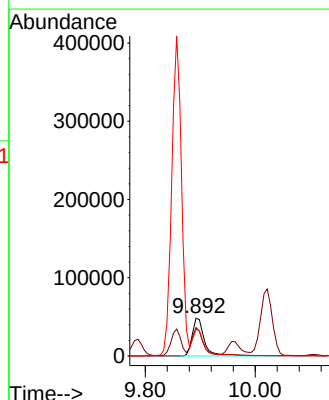
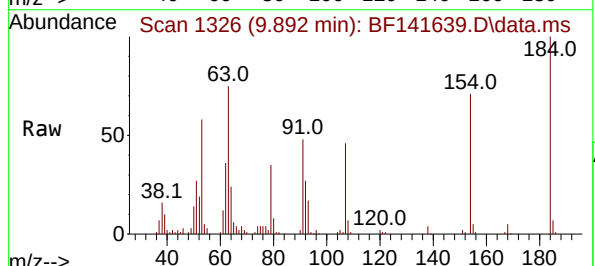
Tgt Ion:184 Resp: 76095

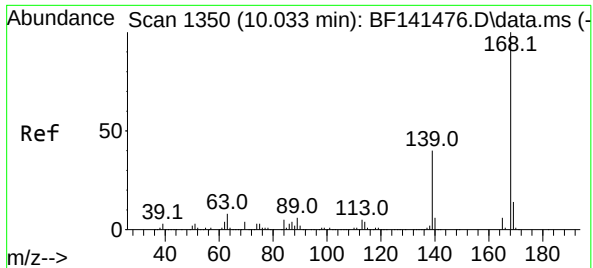
Ion Ratio Lower Upper

184 100

63 75.2 61.0 91.6

154 71.0 59.9 89.9





#55

Dibenzenofuran

Concen: 38.677 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

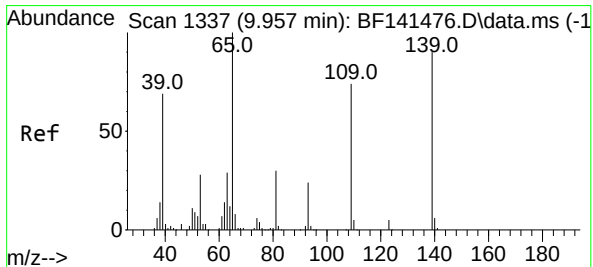
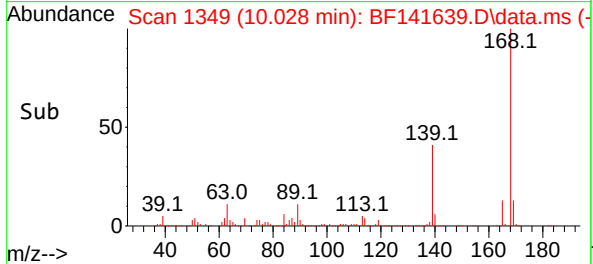
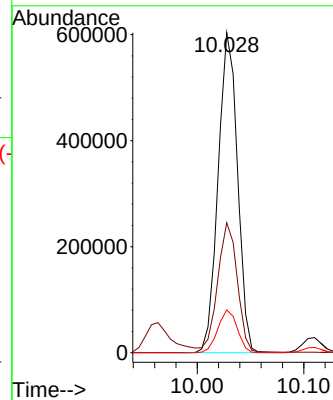
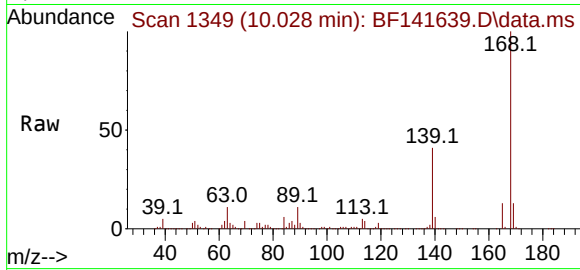
Tgt Ion:168 Resp: 761147

Ion Ratio Lower Upper

168 100

139 40.6 32.7 49.1

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 34.372 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

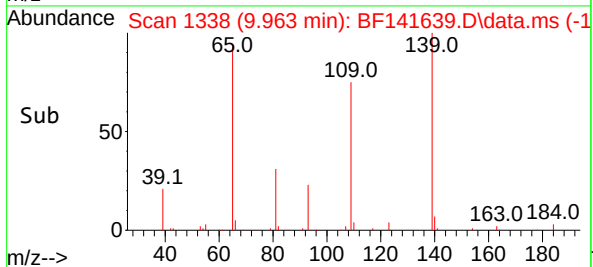
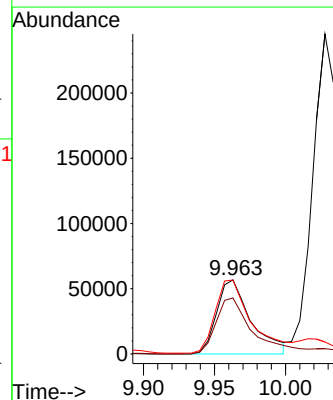
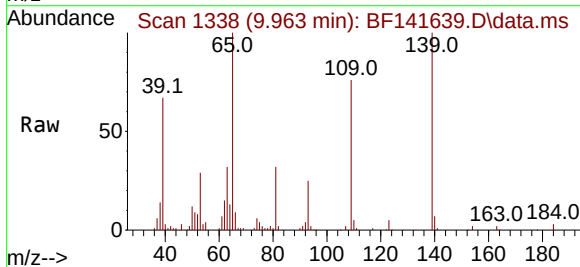
Tgt Ion:139 Resp: 95320

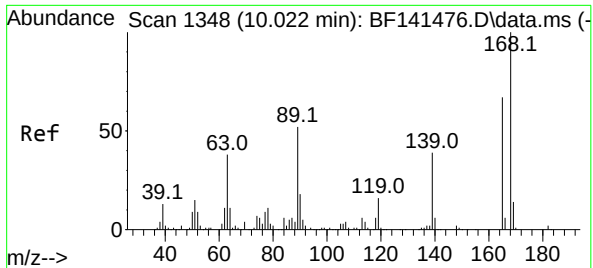
Ion Ratio Lower Upper

139 100

109 75.6 62.0 102.0

65 99.9 91.2 131.2

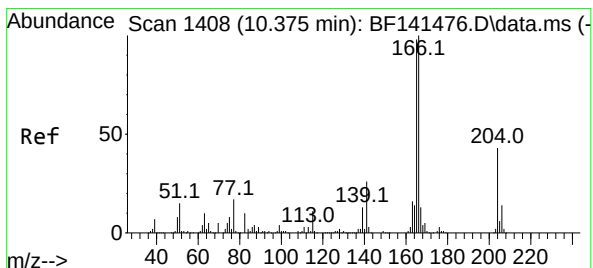
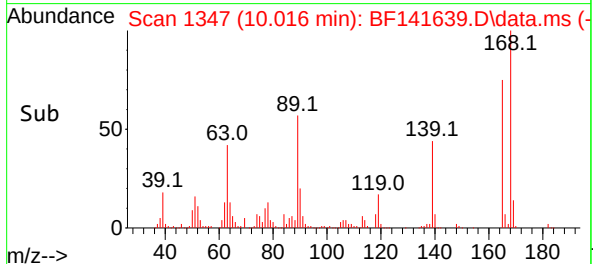
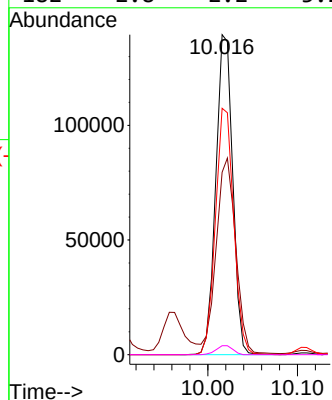
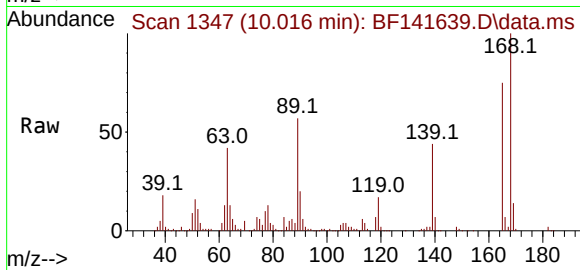




#57
2,4-Dinitrotoluene
Concen: 39.436 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

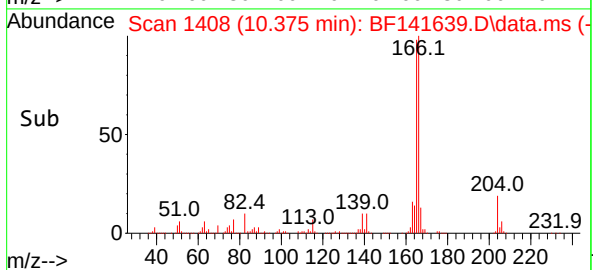
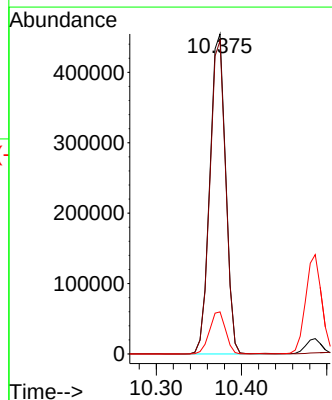
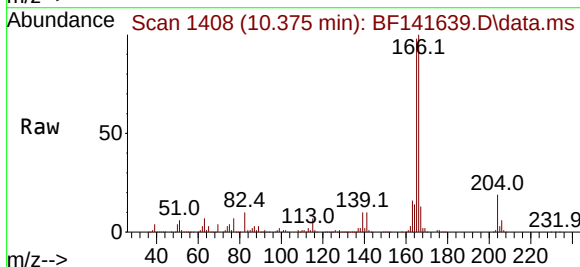
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

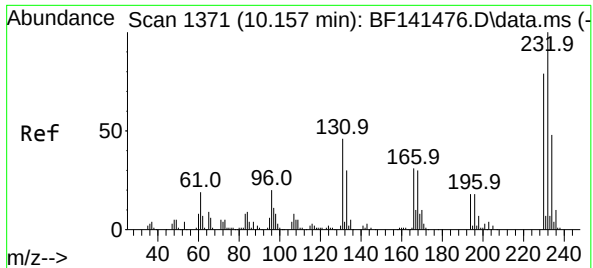
Tgt Ion:165 Resp: 182218
Ion Ratio Lower Upper
165 100
63 57.0 46.4 69.6
89 77.0 61.8 92.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 38.476 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:166 Resp: 585463
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.2 10.7 16.1

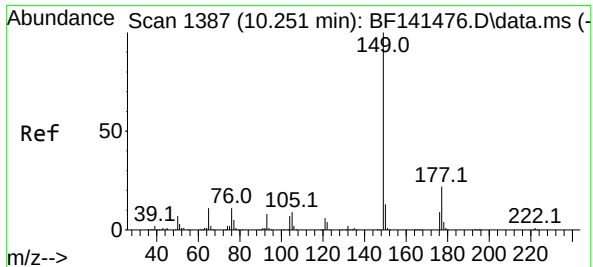
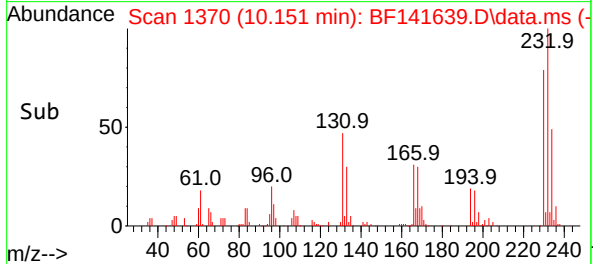
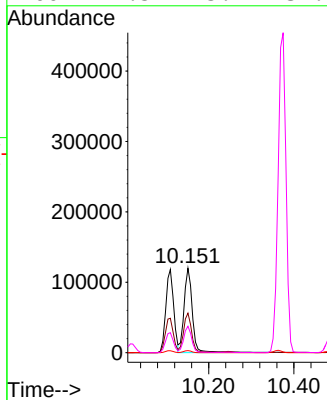
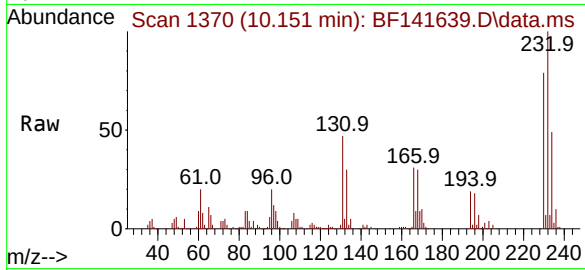




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.454 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

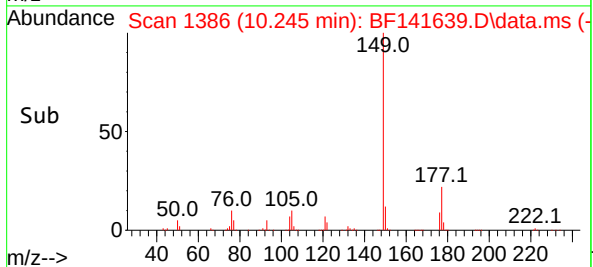
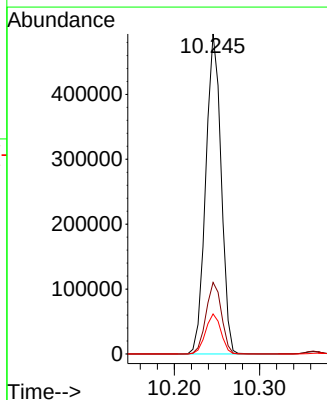
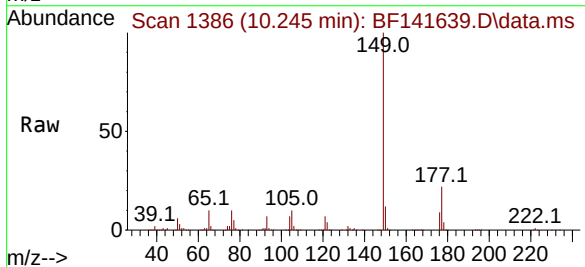
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

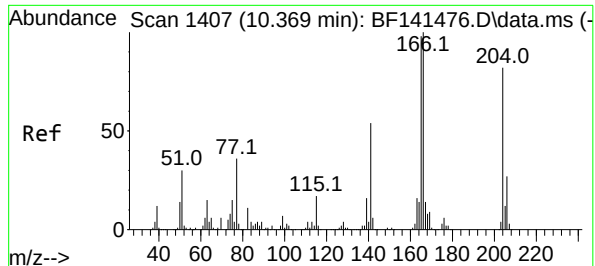
Tgt Ion:232 Resp: 160989
Ion Ratio Lower Upper
232 100
131 45.8 39.2 58.8
130 2.3 2.1 3.1
166 29.5 25.1 37.7



#60
Diethylphthalate
Concen: 39.631 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:149 Resp: 619085
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.5 10.1 15.1

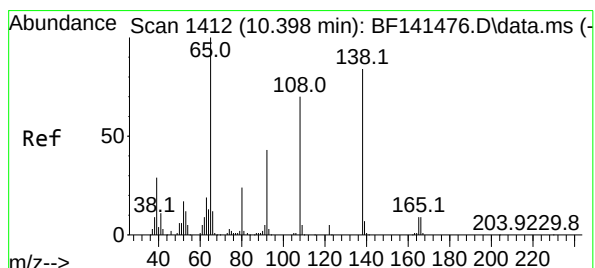
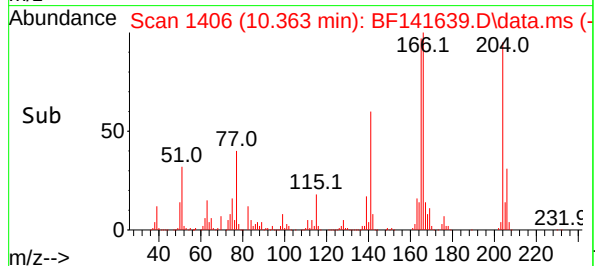
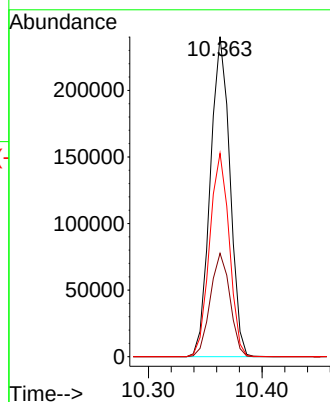
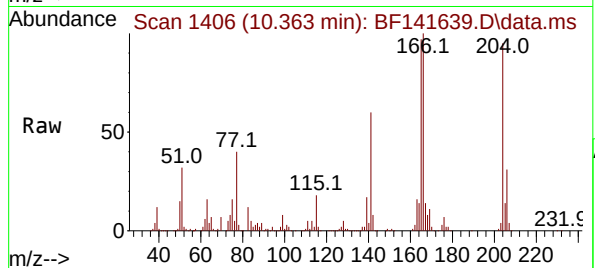




#61
4-Chlorophenyl-phenylether
Concen: 39.433 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

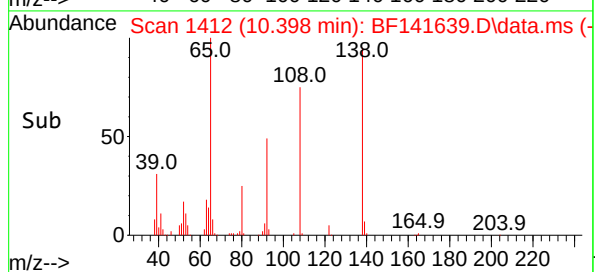
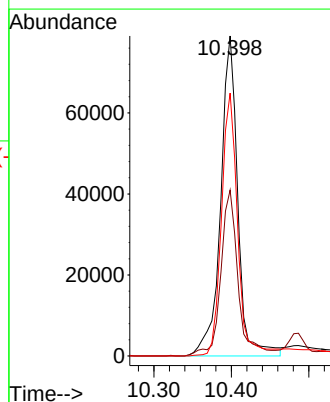
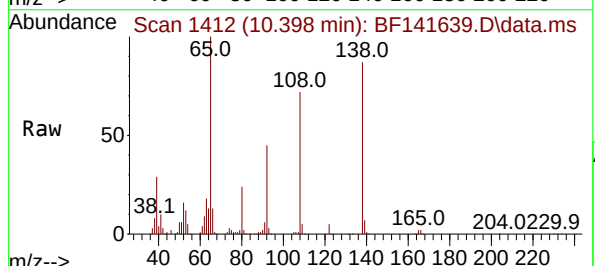
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

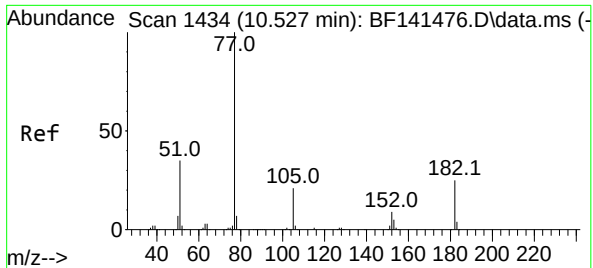
Tgt Ion:204 Resp: 288668
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 63.6 51.9 77.9



#62
4-Nitroaniline
Concen: 32.028 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:138 Resp: 121493
Ion Ratio Lower Upper
138 100
92 51.9 31.3 71.3
108 82.1 63.7 103.7

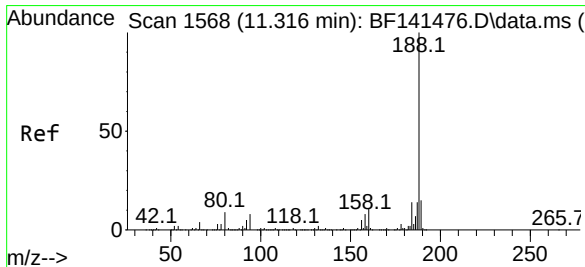
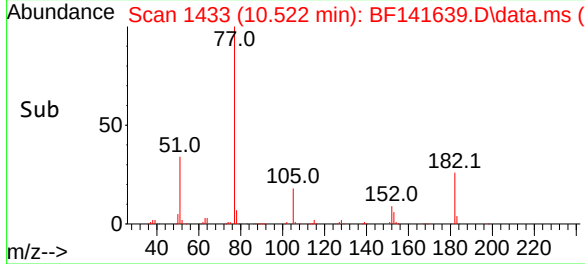
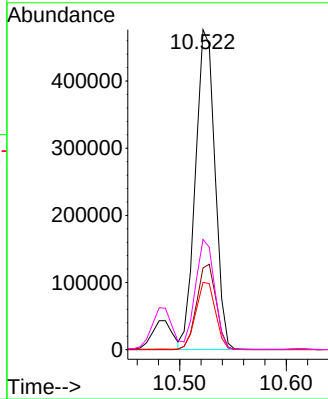
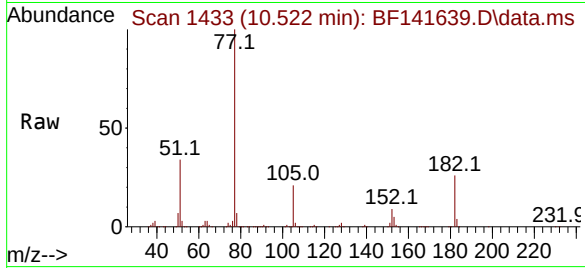




#63
Azobenzene
Concen: 39.036 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

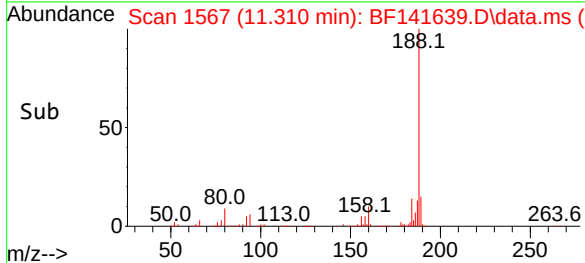
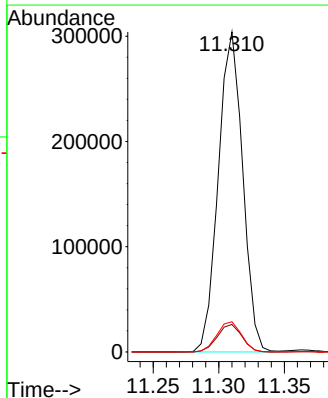
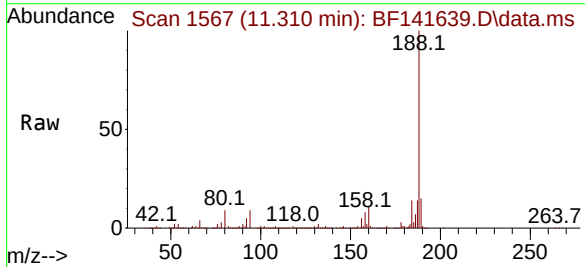
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

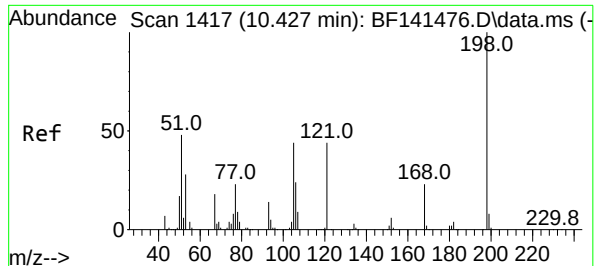
Tgt Ion: 77 Resp: 606224
Ion Ratio Lower Upper
77 100
182 25.6 4.7 44.7
105 21.0 0.4 40.4
51 34.5 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion: 188 Resp: 392888
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.4 7.3 10.9

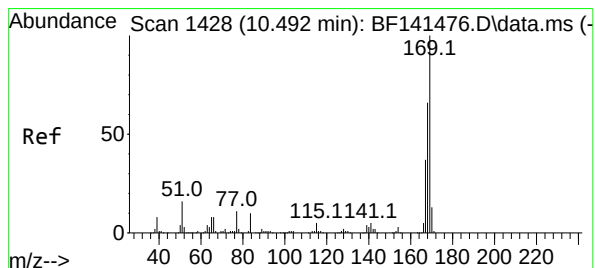
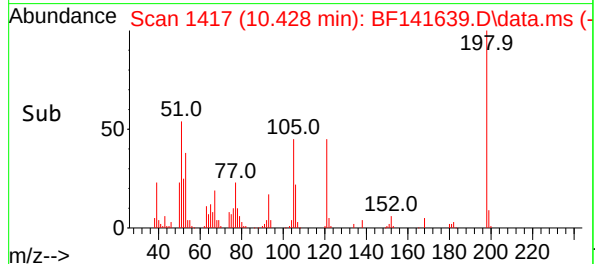
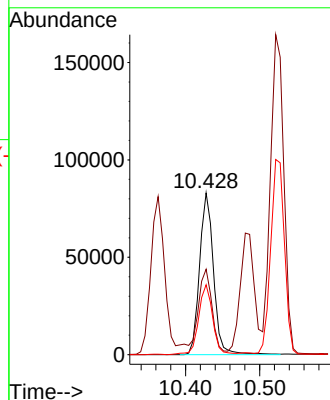
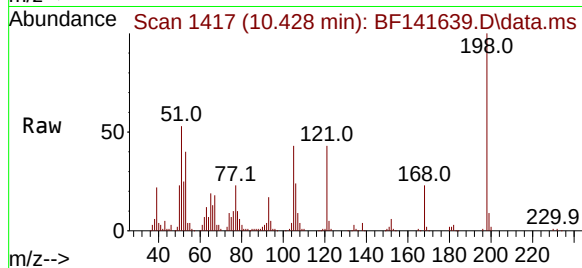




#65
4,6-Dinitro-2-methylphenol
Concen: 39.799 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

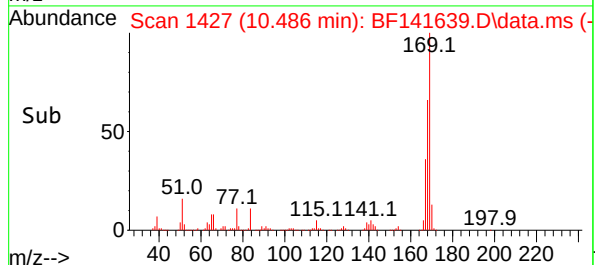
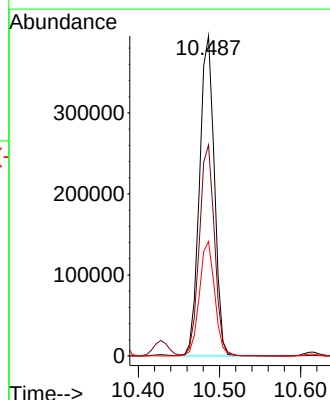
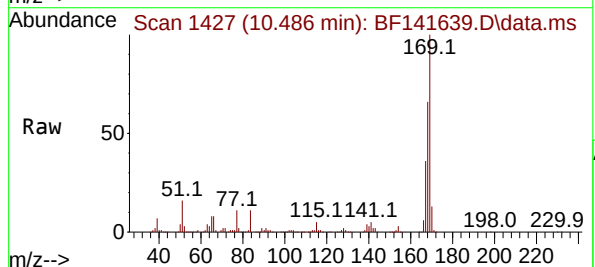
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

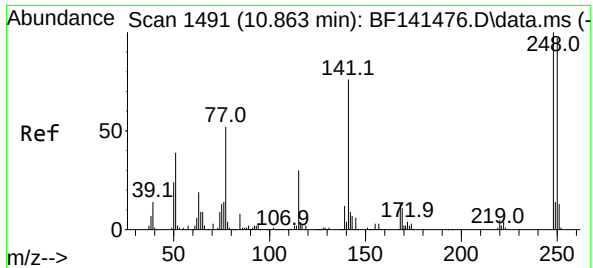
Tgt Ion:198 Resp: 108621
Ion Ratio Lower Upper
198 100
51 52.8 37.4 77.4
105 43.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 39.937 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:169 Resp: 502276
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 35.7 29.4 44.2

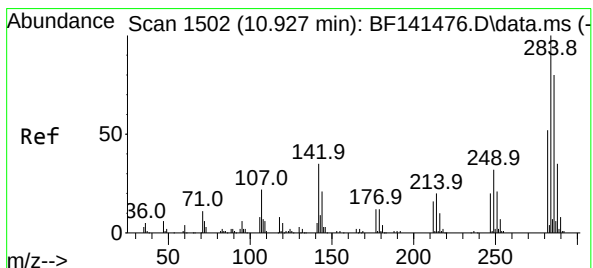
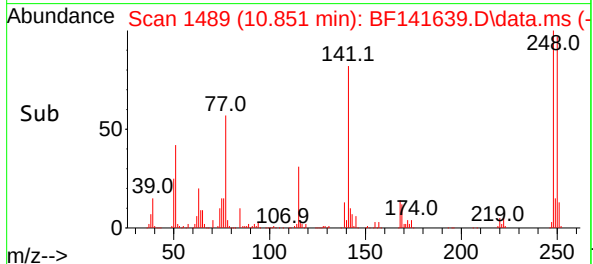
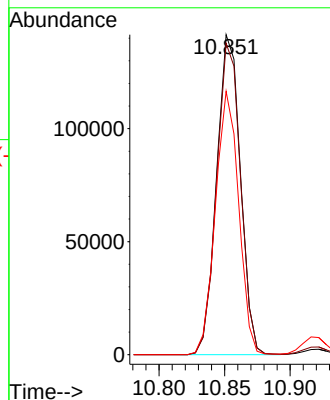
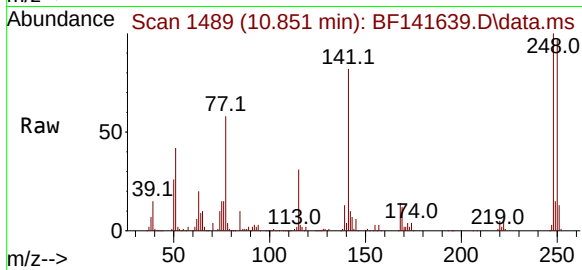




#67
4-Bromophenyl-phenylether
Concen: 40.730 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

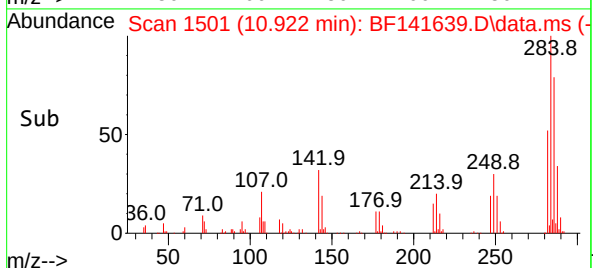
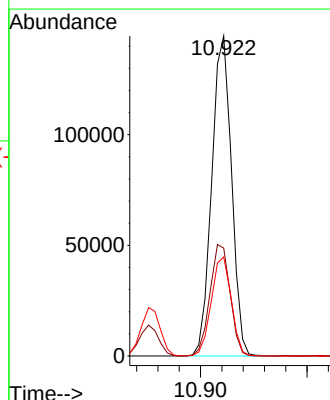
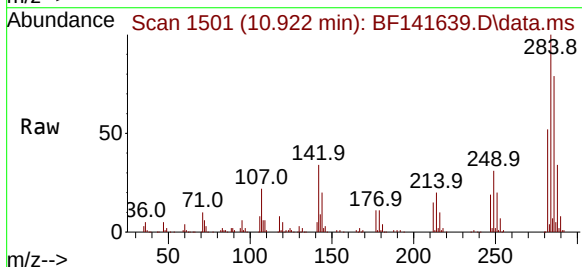
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

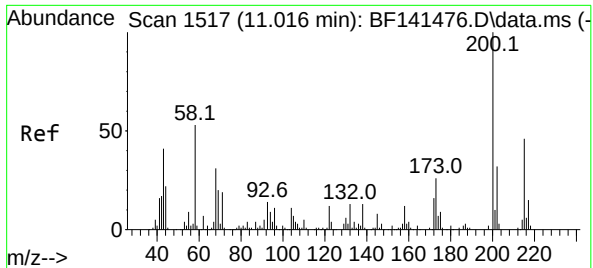
Tgt Ion:248 Resp: 178847
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 82.3 60.6 90.8



#68
Hexachlorobenzene
Concen: 41.150 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:284 Resp: 186061
Ion Ratio Lower Upper
284 100
142 33.7 28.0 42.0
249 30.9 25.8 38.8





#69

Atrazine

Concen: 33.439 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

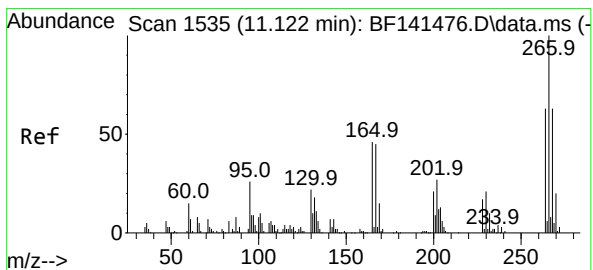
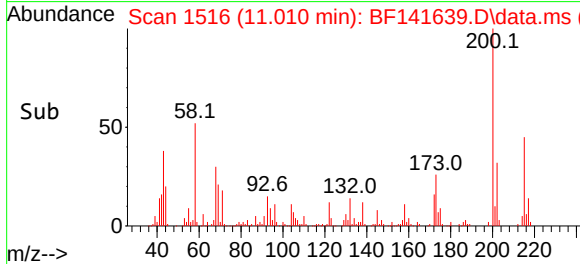
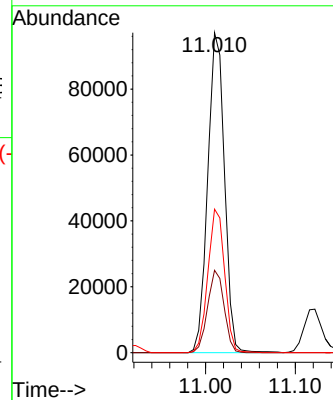
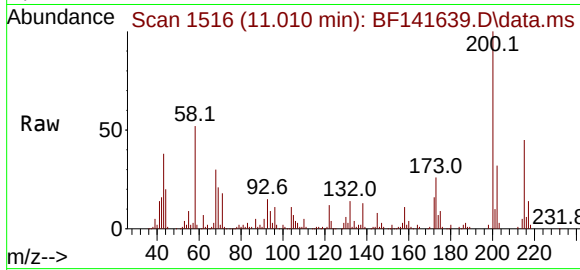
Tgt Ion:200 Resp: 126165

Ion Ratio Lower Upper

200 100

173 25.7 5.9 45.9

215 44.9 25.9 65.9



#70

Pentachlorophenol

Concen: 36.996 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

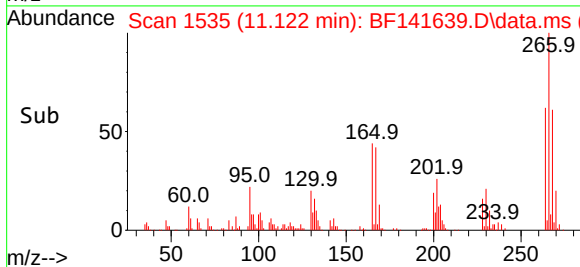
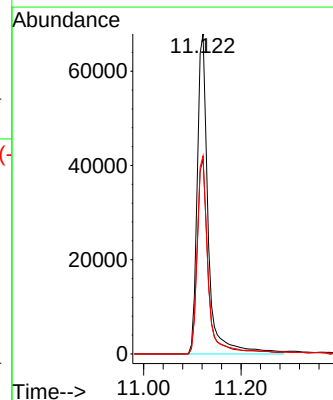
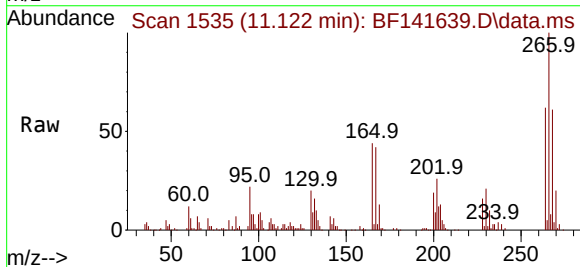
Tgt Ion:266 Resp: 106961

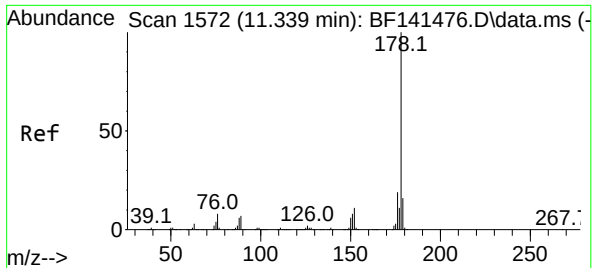
Ion Ratio Lower Upper

266 100

268 61.0 50.1 75.1

264 61.9 50.1 75.1





#71

Phenanthrene

Concen: 39.332 ng

RT: 11.334 min Scan# 1571

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

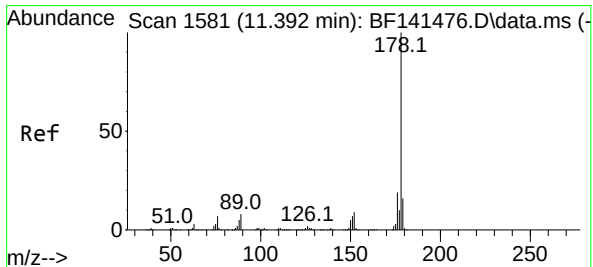
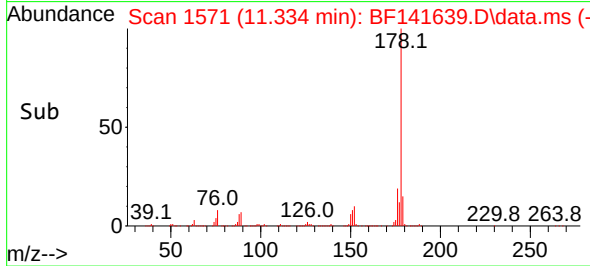
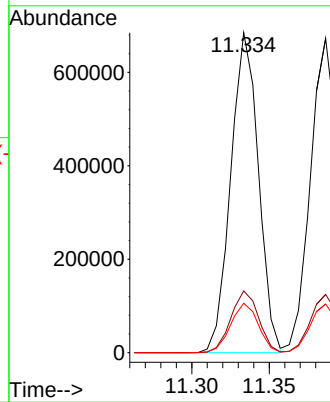
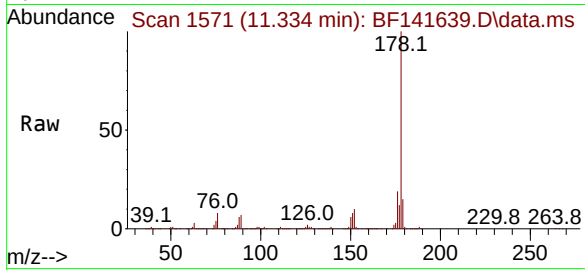
Tgt Ion:178 Resp: 850630

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 39.093 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

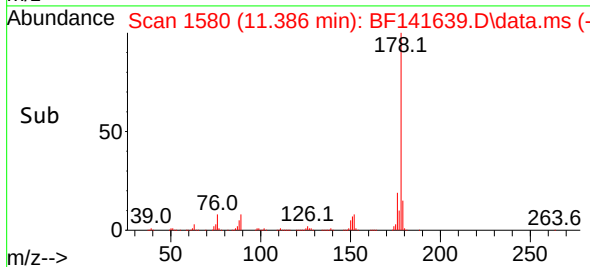
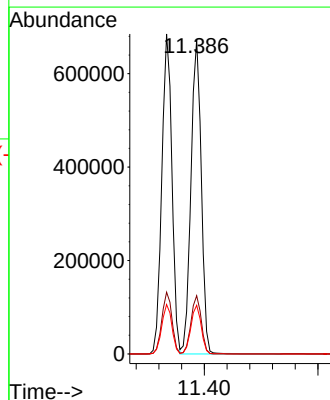
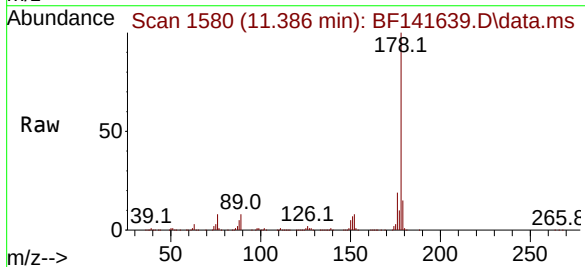
Tgt Ion:178 Resp: 849880

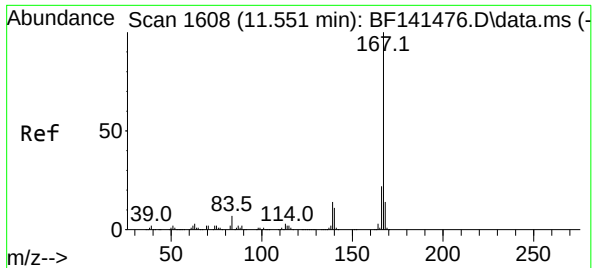
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.5 12.4 18.6

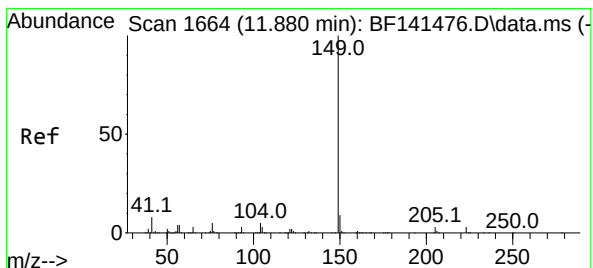
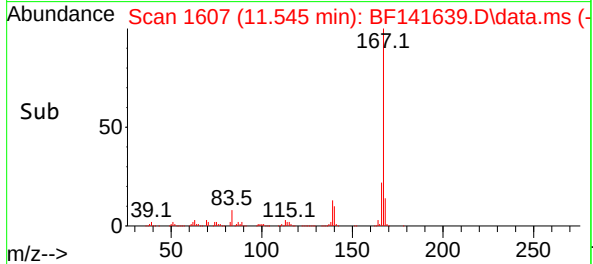
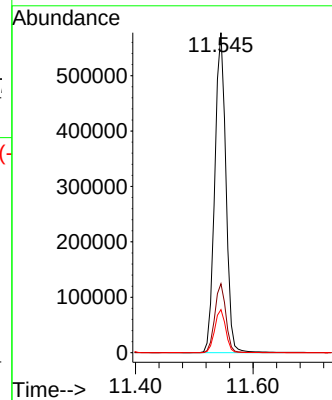
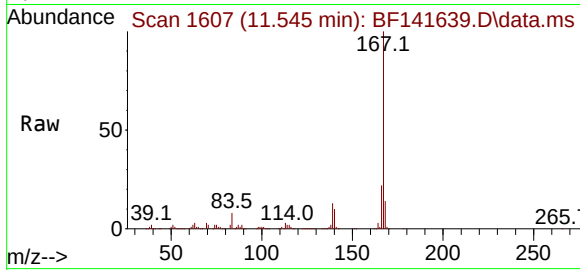




#73
 Carbazole
 Concen: 38.697 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141639.D
 Acq: 14 Feb 2025 15:04

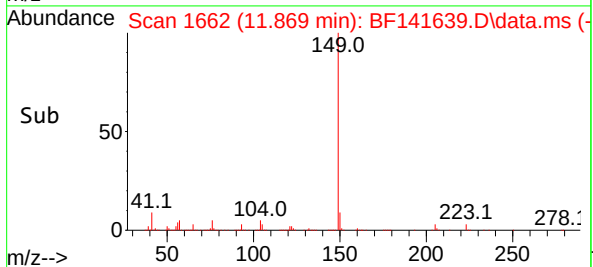
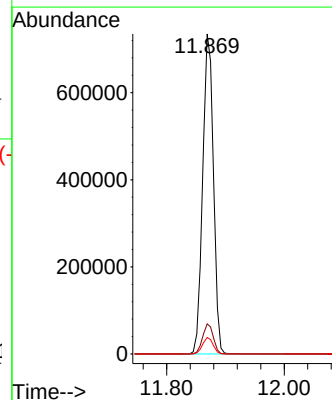
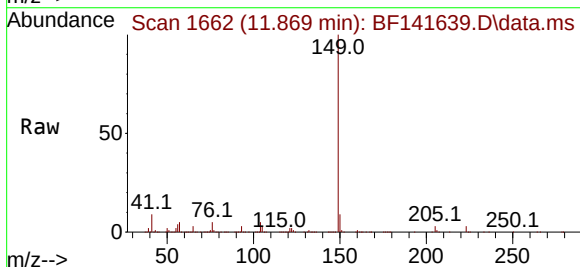
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

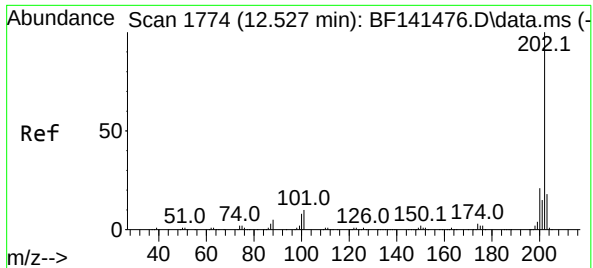
Tgt Ion:167 Resp: 756976
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.247 ng
 RT: 11.869 min Scan# 1662
 Delta R.T. -0.011 min
 Lab File: BF141639.D
 Acq: 14 Feb 2025 15:04

Tgt Ion:149 Resp: 931656
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.2 4.2 6.2

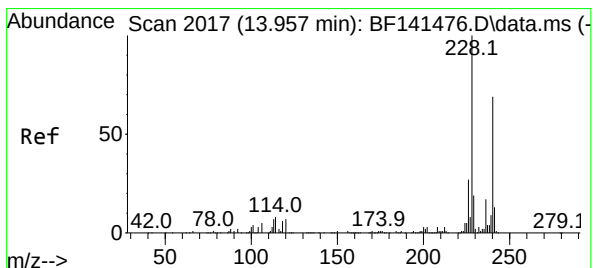
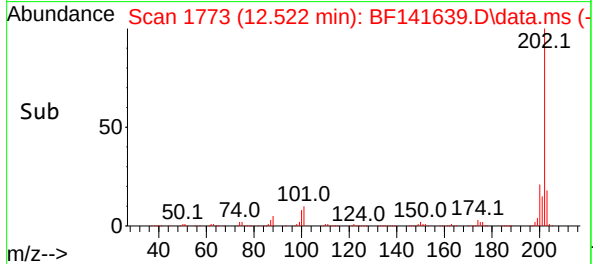
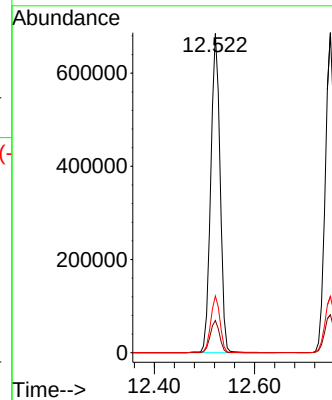
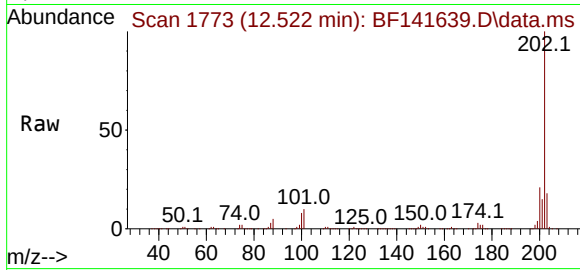




#75
Fluoranthene
Concen: 38.677 ng
RT: 12.522 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

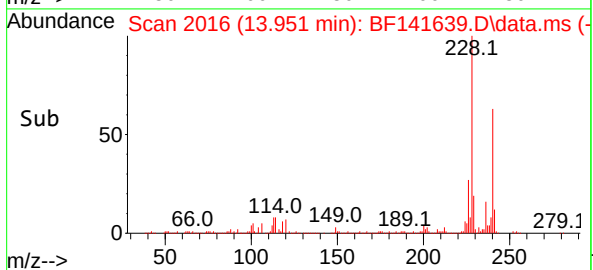
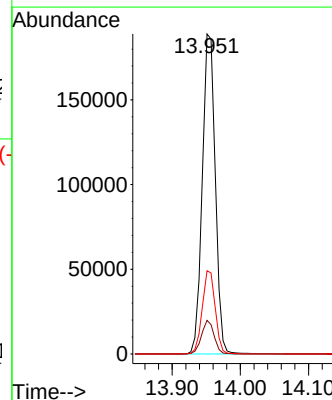
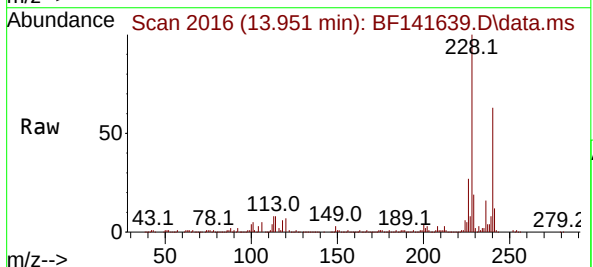
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

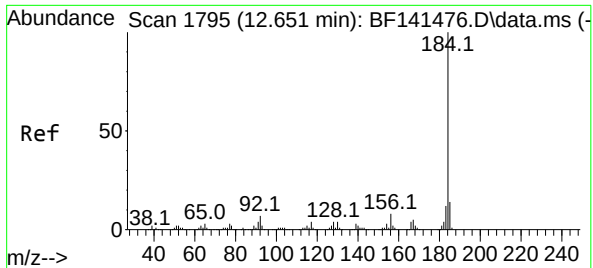
Tgt Ion:202 Resp: 886818
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:240 Resp: 250652
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 26.0 19.8 29.8

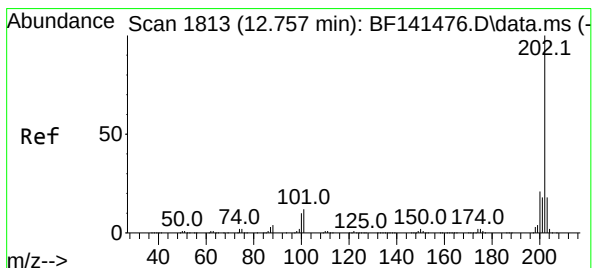
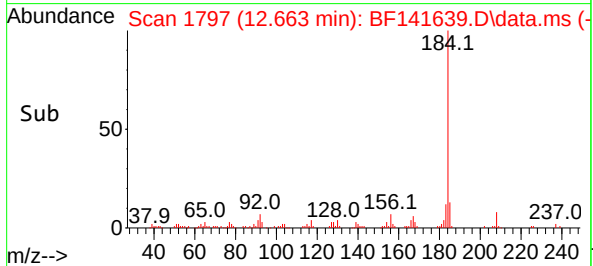
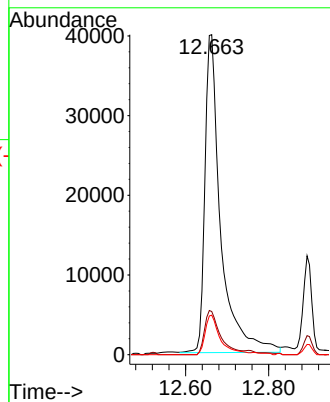
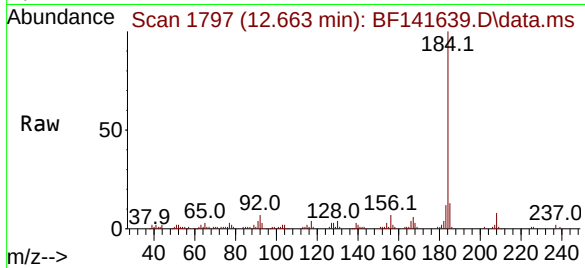




#77
Benzidine
Concen: 19.056 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

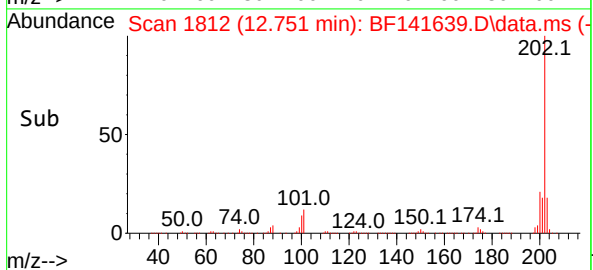
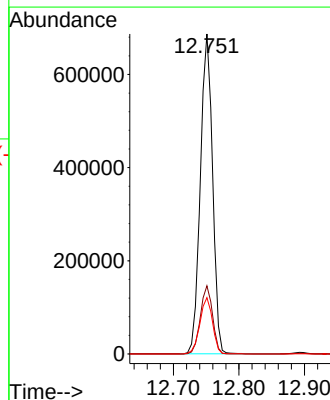
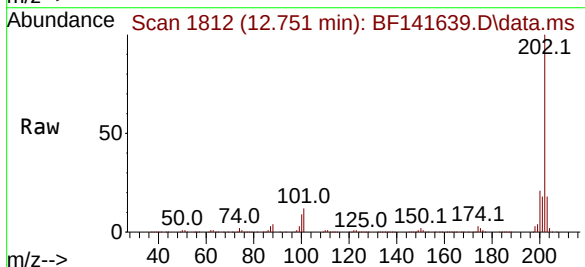
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

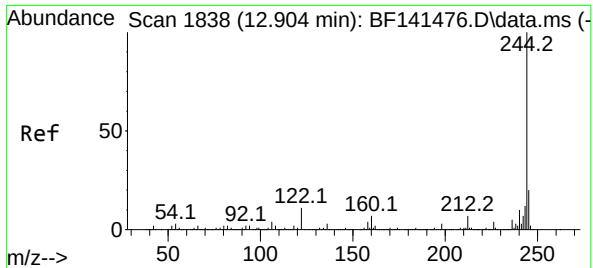
Tgt Ion:184 Resp: 105343
Ion Ratio Lower Upper
184 100
185 13.5 11.3 16.9
183 12.3 9.3 13.9



#78
Pyrene
Concen: 41.775 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:202 Resp: 891370
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 83.727 ng

RT: 12.892 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

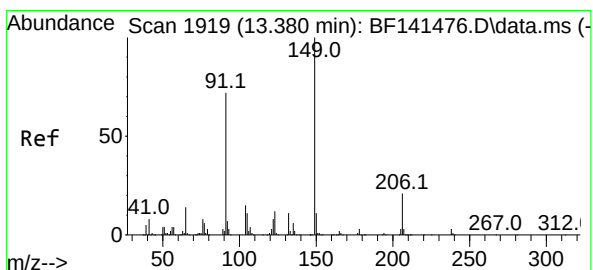
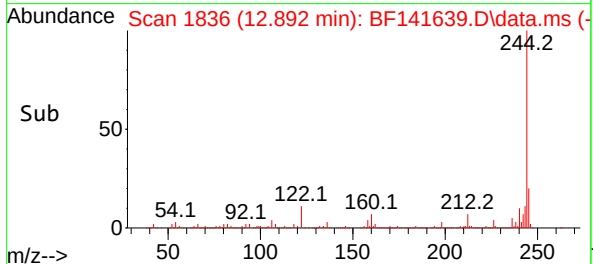
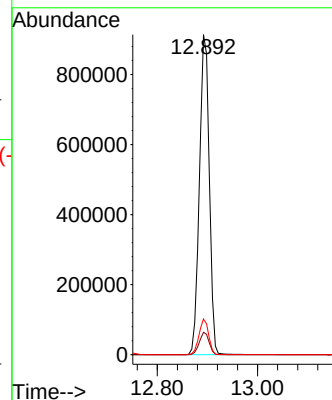
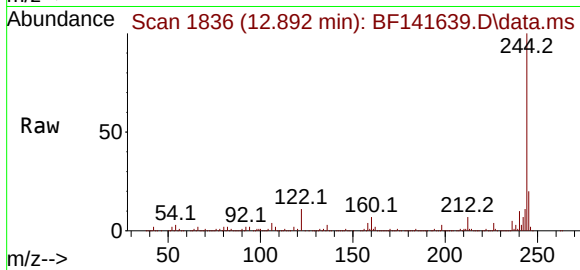
Tgt Ion:244 Resp: 1243142

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.2 8.4 12.6



#80

Butylbenzylphthalate

Concen: 44.744 ng

RT: 13.369 min Scan# 1917

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

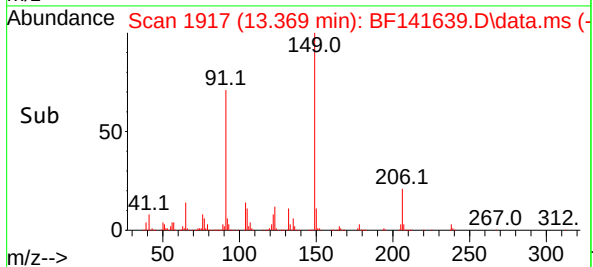
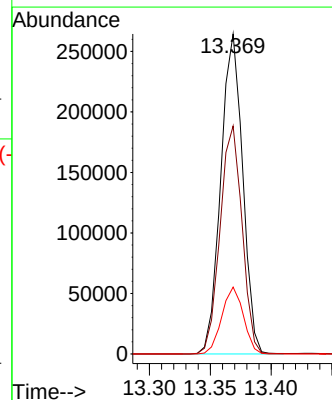
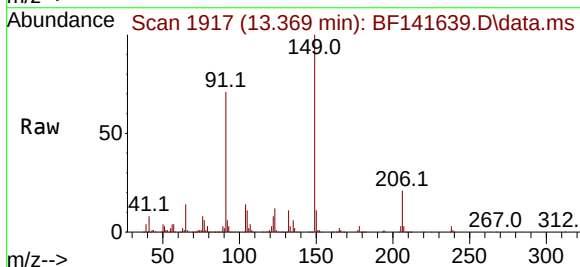
Tgt Ion:149 Resp: 330685

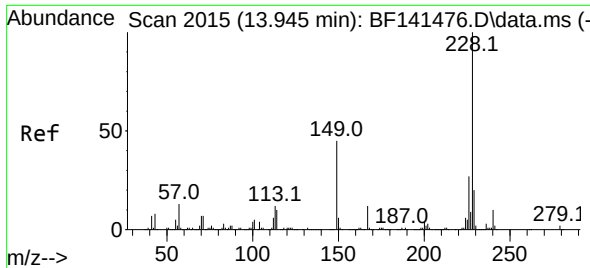
Ion Ratio Lower Upper

149 100

91 71.2 57.8 86.8

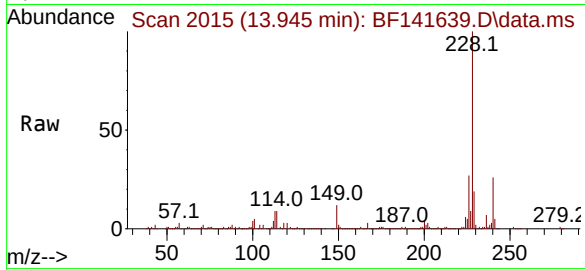
206 20.9 16.7 25.1



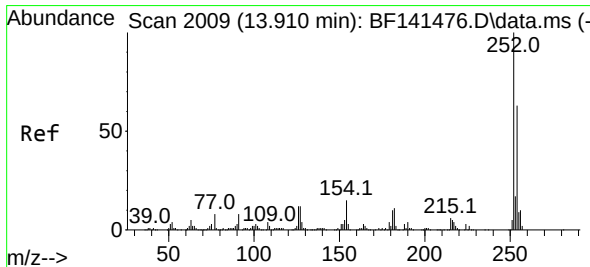
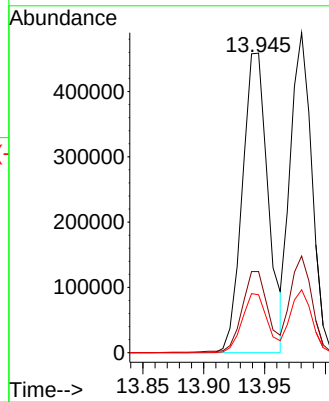
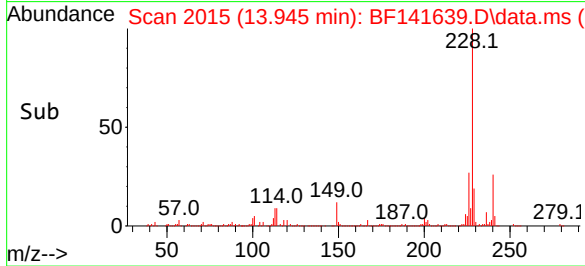


#81
Benzo(a)anthracene
Concen: 40.644 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

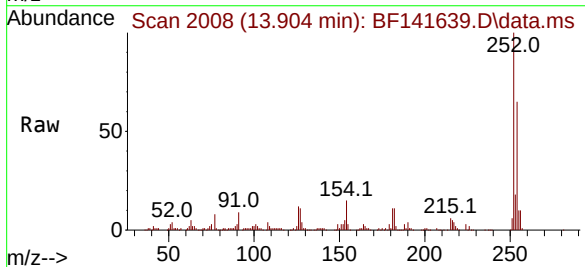
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



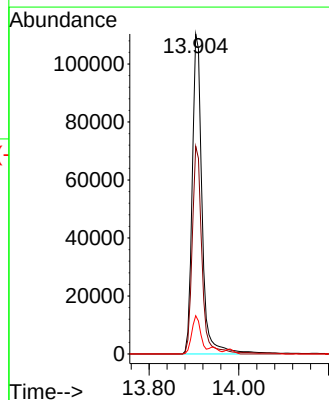
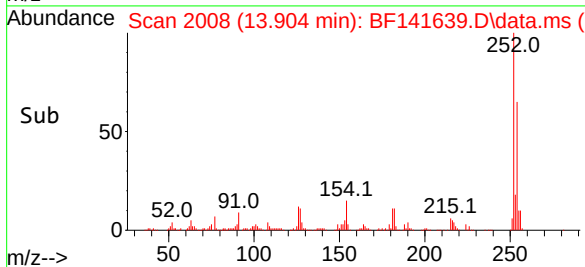
Tgt Ion:228 Resp: 677199
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.3 15.8 23.6

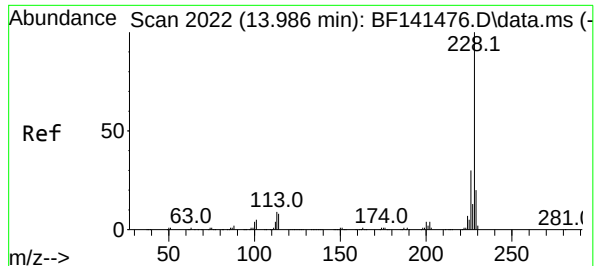


#82
3,3'-Dichlorobenzidine
Concen: 35.196 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.011 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04



Tgt Ion:252 Resp: 167984
Ion Ratio Lower Upper
252 100
254 64.9 50.6 76.0
126 12.0 9.3 13.9





#83

Chrysene

Concen: 39.395 ng

RT: 13.980 min Scan# 2012

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

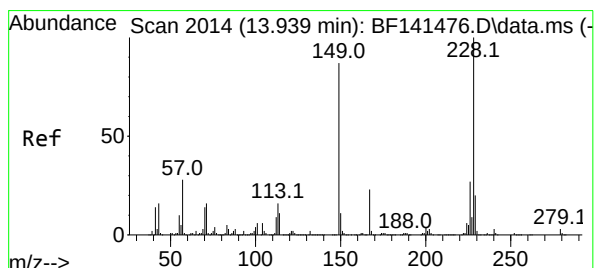
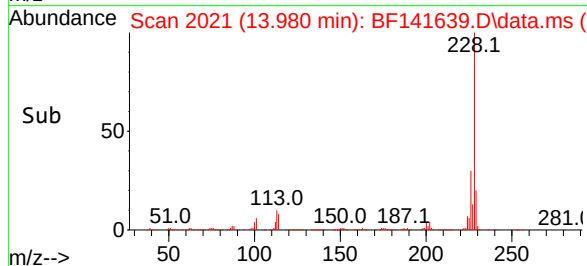
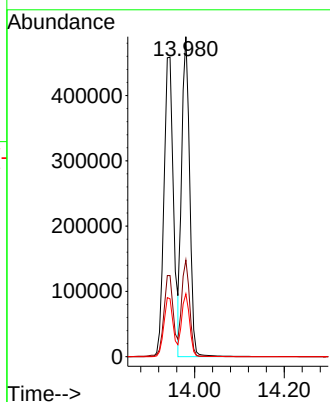
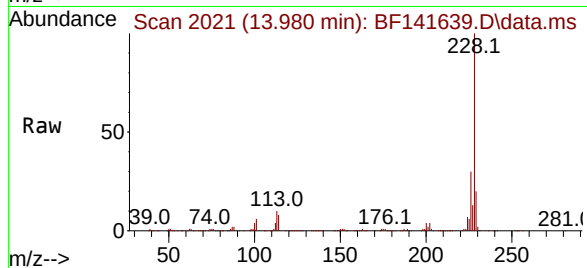
Tgt Ion:228 Resp: 606081

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.063 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

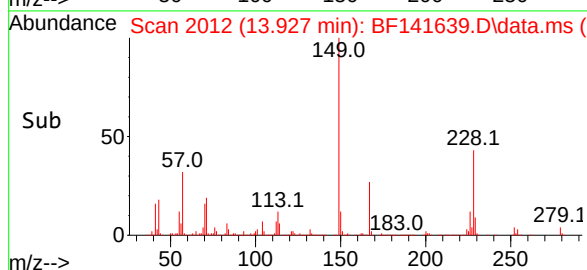
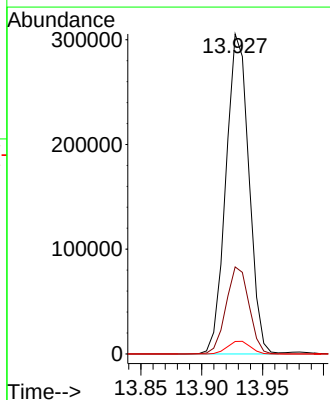
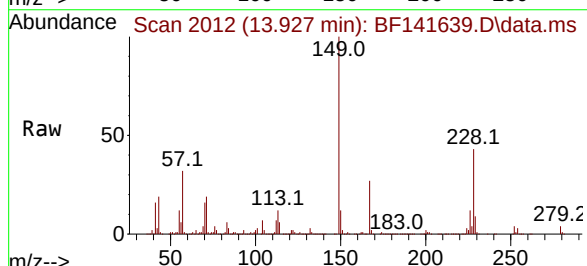
Tgt Ion:149 Resp: 400630

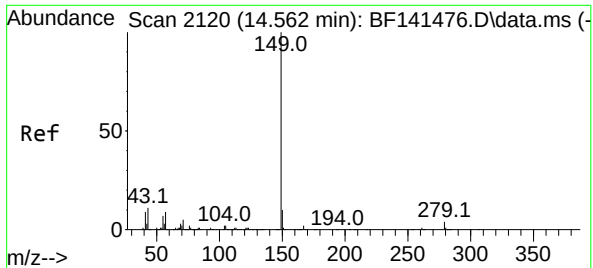
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 3.9 3.1 4.7

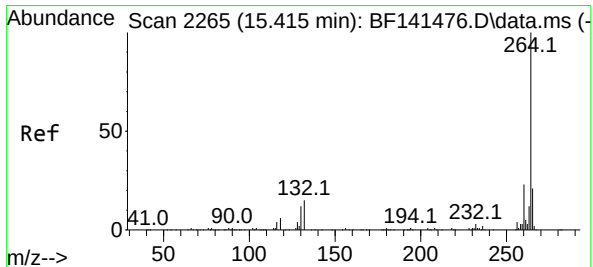
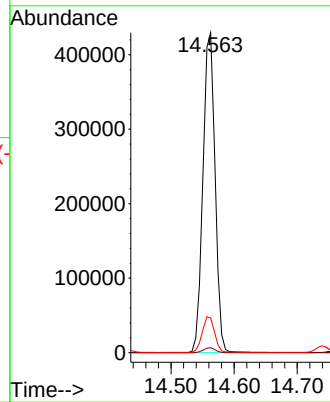
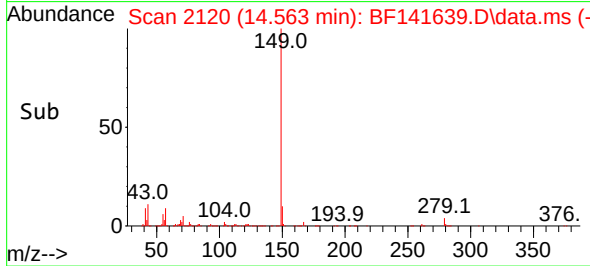
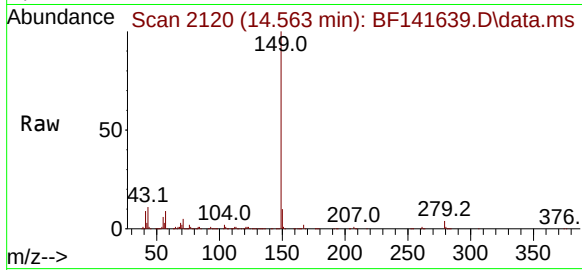




#85
Di-n-octyl phthalate
Concen: 48.260 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

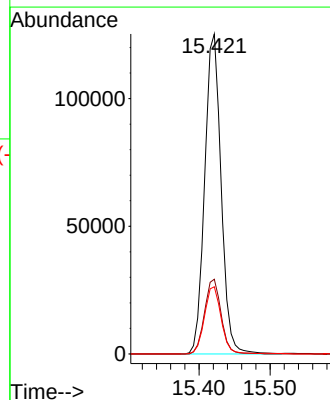
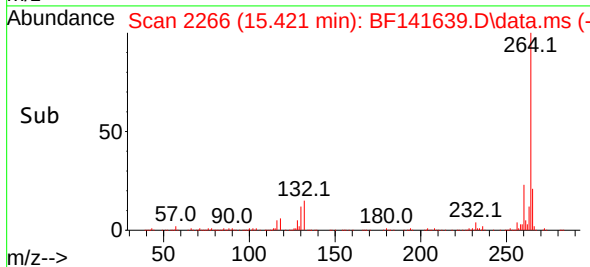
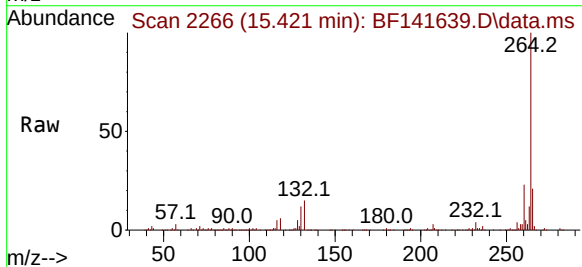
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

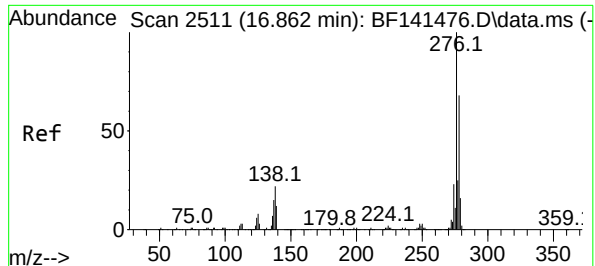
Tgt Ion:149 Resp: 573871
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF141639.D
Acq: 14 Feb 2025 15:04

Tgt Ion:264 Resp: 201903
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.916 ng

RT: 16.868 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

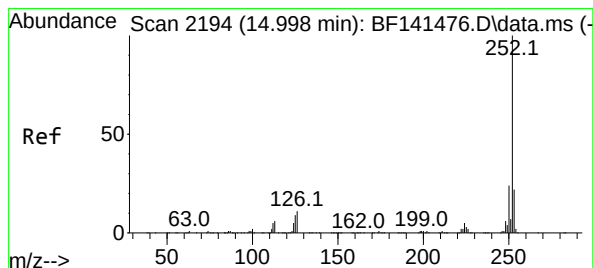
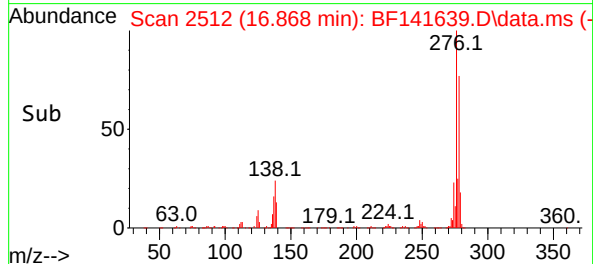
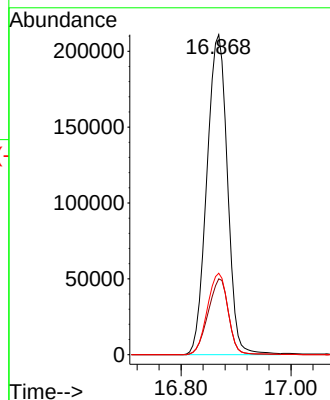
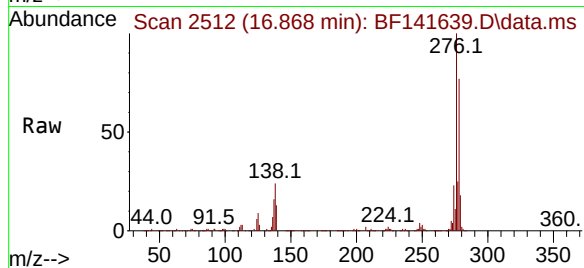
Tgt Ion:276 Resp: 547866

Ion Ratio Lower Upper

276 100

138 23.7 18.0 27.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 40.672 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

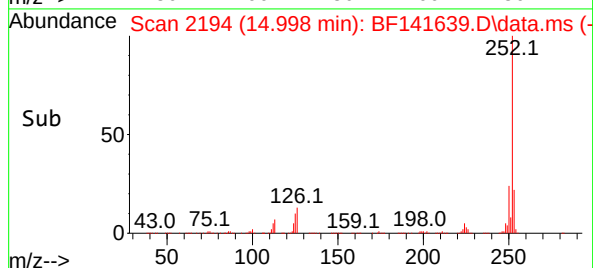
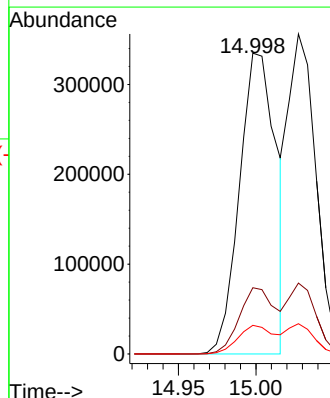
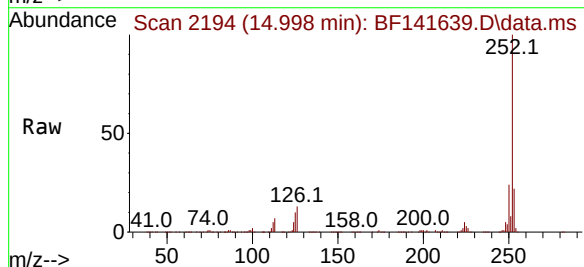
Tgt Ion:252 Resp: 551388

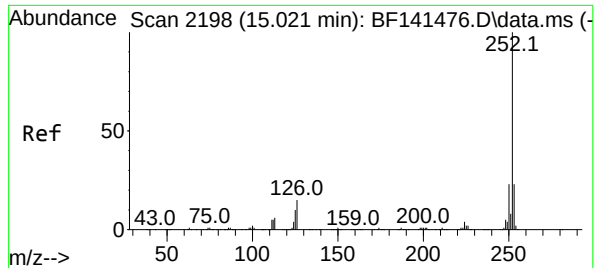
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.731 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

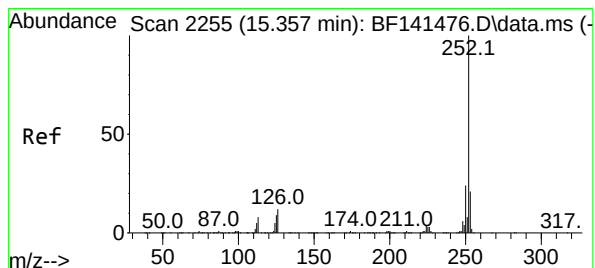
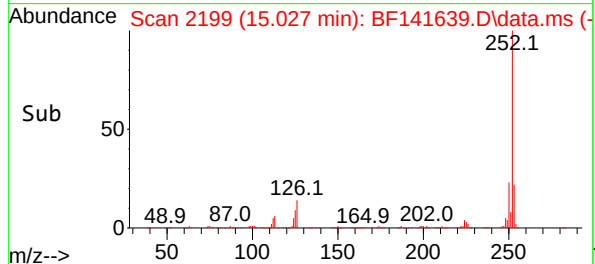
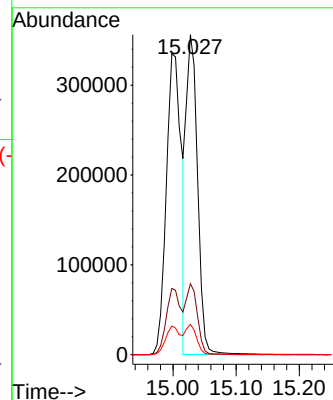
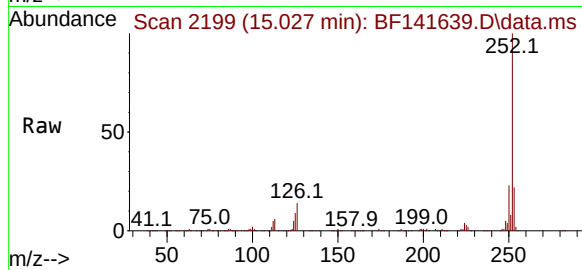
Tgt Ion:252 Resp: 448363

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.819 ng

RT: 15.363 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

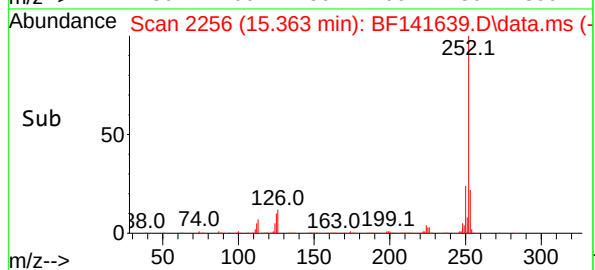
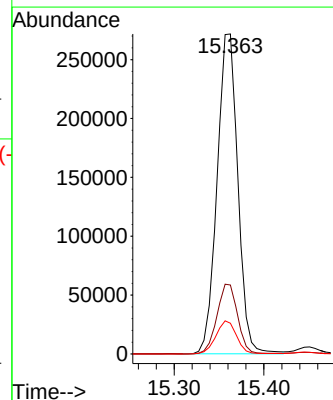
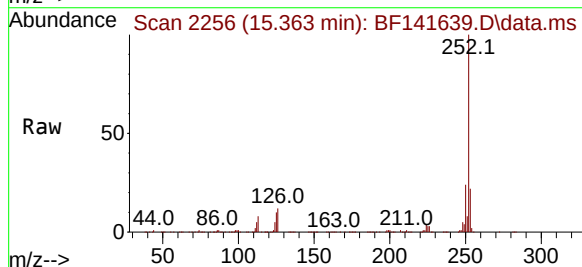
Tgt Ion:252 Resp: 436800

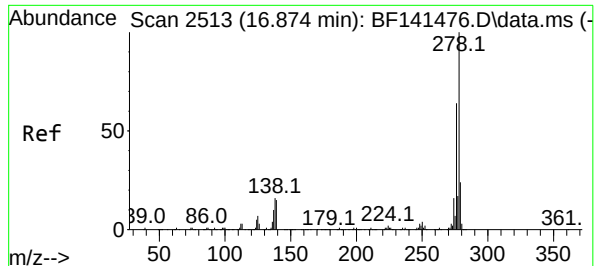
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 9.6 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 44.215 ng

RT: 16.880 min Scan# 2513

Delta R.T. -0.011 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

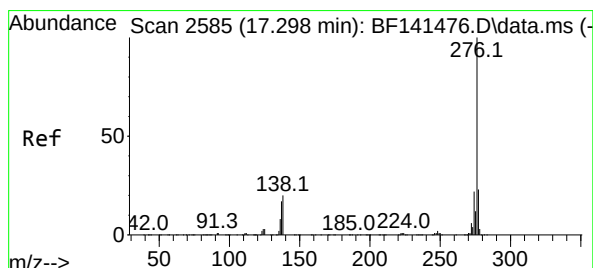
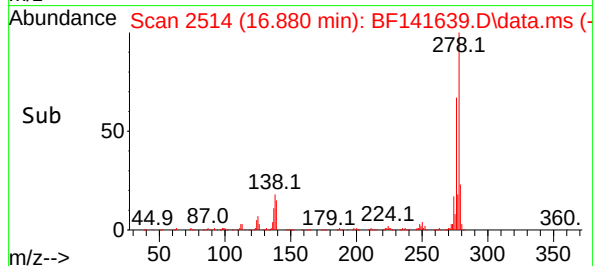
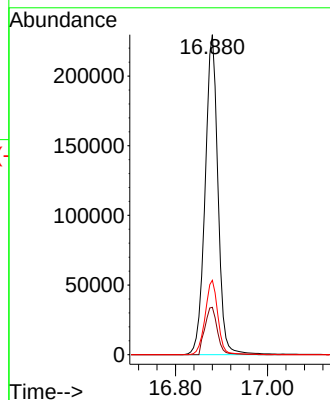
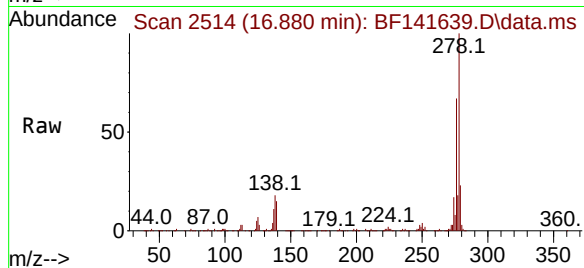
Tgt Ion:278 Resp: 446950

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.6

279 23.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 44.763 ng

RT: 17.298 min Scan# 2585

Delta R.T. -0.017 min

Lab File: BF141639.D

Acq: 14 Feb 2025 15:04

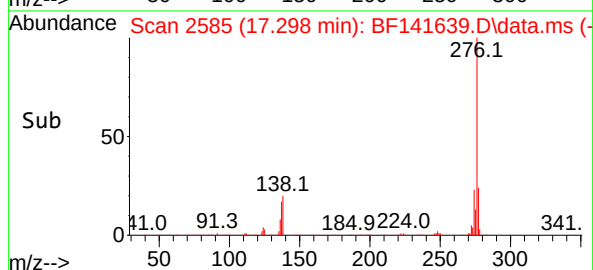
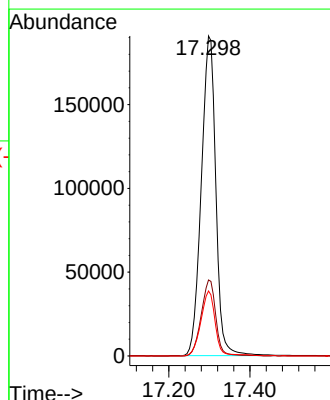
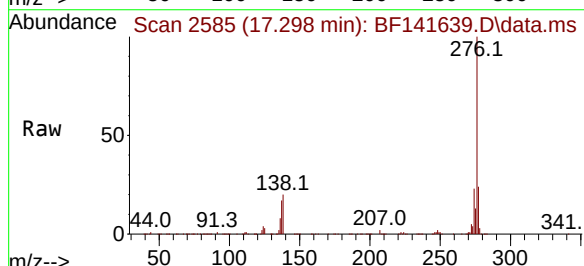
Tgt Ion:276 Resp: 473514

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 20.3 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141639.D
 Acq On : 14 Feb 2025 15:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	122	0.00
2	1,4-Dioxane	0.513	0.506	1.4	119	0.00
3	Pyridine	1.222	1.227	-0.4	118	-0.01
4	n-Nitrosodimethylamine	0.809	0.746	7.8	111	-0.02
5 S	2-Fluorophenol	1.276	1.270	0.5	120	0.00
6	Aniline	1.513	1.277	15.6	101	-0.01
7 S	Phenol-d6	1.612	1.568	2.7	118	0.00
8	2-Chlorophenol	1.378	1.373	0.4	121	-0.01
9	Benzaldehyde	0.857	1.091	-27.3#	161#	0.00
10 C	Phenol	1.678	1.600	4.6	115	-0.01
11	bis(2-Chloroethyl)ether	1.261	1.264	-0.2	121	0.00
12	1,3-Dichlorobenzene	1.455	1.453	0.1	123	0.00
13 C	1,4-Dichlorobenzene	1.487	1.455	2.2	120	0.00
14	1,2-Dichlorobenzene	1.380	1.387	-0.5	123	0.00
15	Benzyl Alcohol	1.236	1.168	5.5	112	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.005	7.1	113	0.00
17	2-Methylphenol	1.079	1.041	3.5	117	0.00
18	Hexachloroethane	0.550	0.542	1.5	119	0.00
19 P	n-Nitroso-di-n-propylamine	0.964	0.937	2.8	118	-0.01
20	3+4-Methylphenols	1.371	1.303	5.0	115	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	120	0.00
22	Acetophenone	0.498	0.479	3.8	117	-0.01
23 S	Nitrobenzene-d5	0.383	0.369	3.7	115	0.00
24	Nitrobenzene	0.374	0.364	2.7	117	0.00
25	Isophorone	0.611	0.606	0.8	119	-0.01
26 C	2-Nitrophenol	0.186	0.189	-1.6	118	0.00
27	2,4-Dimethylphenol	0.217	0.215	0.9	116	0.00
28	bis(2-Chloroethoxy)methane	0.392	0.395	-0.8	121	0.00
29 C	2,4-Dichlorophenol	0.294	0.292	0.7	118	0.00
30	1,2,4-Trichlorobenzene	0.320	0.316	1.3	120	0.00
31	Naphthalene	1.041	1.025	1.5	119	0.00
32	Benzoic acid	0.226	0.202	10.6	106	-0.02
33	4-Chloroaniline	0.363	0.331	8.8	109	-0.01
34 C	Hexachlorobutadiene	0.192	0.195	-1.6	122	0.00
35	Caprolactam	0.089	0.090	-1.1	117	-0.02
36 C	4-Chloro-3-methylphenol	0.325	0.318	2.2	116	0.00
37	2-Methylnaphthalene	0.677	0.665	1.8	119	0.00
38	1-Methylnaphthalene	0.656	0.645	1.7	118	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	121	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.579	0.573	1.0	119	0.00
41 P	Hexachlorocyclopentadiene	0.192	0.160	16.7	95	0.00
42 S	2,4,6-Tribromophenol	0.201	0.195	3.0	118	-0.01
43 C	2,4,6-Trichlorophenol	0.374	0.366	2.1	118	0.00
44	2,4,5-Trichlorophenol	0.405	0.393	3.0	116	0.00
45 S	2-Fluorobiphenyl	1.298	1.237	4.7	118	0.00
46	1,1'-Biphenyl	1.551	1.504	3.0	118	-0.01
47	2-Chloronaphthalene	1.147	1.124	2.0	120	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141639.D
 Acq On : 14 Feb 2025 15:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	0.385	0.363	5.7	113	0.00
49	Acenaphthylene	1.705	1.626	4.6	116	0.00
50	Dimethylphthalate	1.358	1.340	1.3	120	-0.01
51	2,6-Dinitrotoluene	0.297	0.291	2.0	117	0.00
52 C	Acenaphthene	1.147	1.084	5.5	114	-0.01
53	3-Nitroaniline	0.319	0.302	5.3	114	0.00
54 P	2,4-Dinitrophenol	0.176	0.163	7.4	111	-0.01
55	Dibenzofuran	1.683	1.627	3.3	118	-0.01
56 P	4-Nitrophenol	0.237	0.204	13.9	99	0.00
57	2,4-Dinitrotoluene	0.395	0.390	1.3	118	-0.01
58	Fluorene	1.301	1.252	3.8	117	0.00
59	2,3,4,6-Tetrachlorophenol	0.349	0.344	1.4	120	-0.01
60	Diethylphthalate	1.336	1.324	0.9	120	-0.01
61	4-Chlorophenyl-phenylether	0.626	0.617	1.4	120	-0.01
62	4-Nitroaniline	0.324	0.260	19.8	94	-0.02
63	Azobenzene	1.328	1.296	2.4	118	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	117	0.00
65	4,6-Dinitro-2-methylphenol	0.139	0.138	0.7	114	-0.01
66 c	n-Nitrosodiphenylamine	0.640	0.639	0.2	119	-0.01
67	4-Bromophenyl-phenylether	0.224	0.228	-1.8	120	-0.01
68	Hexachlorobenzene	0.230	0.237	-3.0	122	0.00
69	Atrazine	0.192	0.161	16.1	101	-0.01
70 C	Pentachlorophenol	0.147	0.136	7.5	103	0.00
71	Phenanthrene	1.101	1.083	1.6	117	-0.01
72	Anthracene	1.107	1.082	2.3	117	-0.01
73	Carbazole	0.996	0.963	3.3	114	0.00
74	Di-n-butylphthalate	1.150	1.186	-3.1	121	-0.01
75 C	Fluoranthene	1.167	1.129	3.3	115	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	111	-0.01
77	Benzidine	0.441	0.210	52.4#	44#	0.00
78	Pyrene	1.703	1.778	-4.4	113	-0.01
79 S	Terphenyl-d14	1.185	1.240	-4.6	115	-0.01
80	Butylbenzylphthalate	0.590	0.660	-11.9	120	-0.01
81	Benzo(a)anthracene	1.329	1.351	-1.7	112	0.00
82	3,3'-Dichlorobenzidine	0.381	0.335	12.1	99	-0.01
83	Chrysene	1.228	1.209	1.5	112	-0.01
84	Bis(2-ethylhexyl)phthalate	0.665	0.799	-20.2	129	-0.01
85 c	Di-n-octyl phthalate	0.949	1.145	-20.7#	132	0.00
86 I	Perylene-d12	1.000	1.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	1.236	1.357	-9.8	116	0.00
88	Benzo(b)fluoranthene	1.343	1.365	-1.6	113	0.00
89	Benzo(k)fluoranthene	1.147	1.110	3.2	107	0.00
90 C	Benzo(a)pyrene	1.087	1.082	0.5	111	0.00
91	Dibenzo(a,h)anthracene	1.001	1.107	-10.6	116	-0.01
92	Benzo(g,h,i)perylene	1.048	1.173	-11.9	118	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141639.D
Acq On : 14 Feb 2025 15:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141639.D
 Acq On : 14 Feb 2025 15:04
 Operator : RC/JU
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Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 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	122	0.00
2	1,4-Dioxane	40.000	39.390	1.5	119	0.00
3	Pyridine	40.000	40.178	-0.4	118	-0.01
4	n-Nitrosodimethylamine	40.000	36.900	7.8	111	-0.02
5 S	2-Fluorophenol	80.000	79.644	0.4	120	0.00
6	Aniline	40.000	33.772	15.6	101	-0.01
7 S	Phenol-d6	80.000	77.792	2.8	118	0.00
8	2-Chlorophenol	40.000	39.842	0.4	121	-0.01
9	Benzaldehyde	40.000	50.939	-27.3#	161	0.00
10 C	Phenol	40.000	38.128	4.7	115	-0.01
11	bis(2-Chloroethyl)ether	40.000	40.122	-0.3	121	0.00
12	1,3-Dichlorobenzene	40.000	39.925	0.2	123	0.00
13 C	1,4-Dichlorobenzene	40.000	39.145	2.1	120	0.00
14	1,2-Dichlorobenzene	40.000	40.203	-0.5	123	0.00
15	Benzyl Alcohol	40.000	37.779	5.6	112	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.160	7.1	113	0.00
17	2-Methylphenol	40.000	38.596	3.5	117	0.00
18	Hexachloroethane	40.000	39.400	1.5	119	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.869	2.8	118	-0.01
20	3+4-Methylphenols	40.000	38.024	4.9	115	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	120	0.00
22	Acetophenone	40.000	38.520	3.7	117	-0.01
23 S	Nitrobenzene-d5	80.000	76.887	3.9	115	0.00
24	Nitrobenzene	40.000	38.919	2.7	117	0.00
25	Isophorone	40.000	39.658	0.9	119	-0.01
26 C	2-Nitrophenol	40.000	40.672	-1.7	118	0.00
27	2,4-Dimethylphenol	40.000	39.621	0.9	116	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.372	-0.9	121	0.00
29 C	2,4-Dichlorophenol	40.000	39.817	0.5	118	0.00
30	1,2,4-Trichlorobenzene	40.000	39.570	1.1	120	0.00
31	Naphthalene	40.000	39.384	1.5	119	0.00
32	Benzoic acid	40.000	35.769	10.6	106	-0.02
33	4-Chloroaniline	40.000	36.434	8.9	109	-0.01
34 C	Hexachlorobutadiene	40.000	40.726	-1.8	122	0.00
35	Caprolactam	40.000	40.442	-1.1	117	-0.02
36 C	4-Chloro-3-methylphenol	40.000	39.160	2.1	116	0.00
37	2-Methylnaphthalene	40.000	39.264	1.8	119	0.00
38	1-Methylnaphthalene	40.000	39.299	1.8	118	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	121	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	39.600	1.0	119	0.00
41 P	Hexachlorocyclopentadiene	40.000	33.235	16.9	95	0.00
42 S	2,4,6-Tribromophenol	80.000	77.686	2.9	118	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.162	2.1	118	0.00
44	2,4,5-Trichlorophenol	40.000	38.815	3.0	116	0.00
45 S	2-Fluorobiphenyl	80.000	76.211	4.7	118	0.00
46	1,1'-Biphenyl	40.000	38.811	3.0	118	-0.01
47	2-Chloronaphthalene	40.000	39.206	2.0	120	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141639.D
 Acq On : 14 Feb 2025 15:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	37.763	5.6	113	0.00
49	Acenaphthylene	40.000	38.128	4.7	116	0.00
50	Dimethylphthalate	40.000	39.483	1.3	120	-0.01
51	2,6-Dinitrotoluene	40.000	39.222	1.9	117	0.00
52 C	Acenaphthene	40.000	37.810	5.5	114	-0.01
53	3-Nitroaniline	40.000	37.783	5.5	114	0.00
54 P	2,4-Dinitrophenol	40.000	36.888	7.8	111	-0.01
55	Dibenzofuran	40.000	38.677	3.3	118	-0.01
56 P	4-Nitrophenol	40.000	34.372	14.1	99	0.00
57	2,4-Dinitrotoluene	40.000	39.436	1.4	118	-0.01
58	Fluorene	40.000	38.476	3.8	117	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.454	1.4	120	-0.01
60	Diethylphthalate	40.000	39.631	0.9	120	-0.01
61	4-Chlorophenyl-phenylether	40.000	39.433	1.4	120	-0.01
62	4-Nitroaniline	40.000	32.028	19.9	94	-0.02
63	Azobenzene	40.000	39.036	2.4	118	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	117	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.799	0.5	114	-0.01
66 c	n-Nitrosodiphenylamine	40.000	39.937	0.2	119	-0.01
67	4-Bromophenyl-phenylether	40.000	40.730	-1.8	120	-0.01
68	Hexachlorobenzene	40.000	41.150	-2.9	122	0.00
69	Atrazine	40.000	33.439	16.4	101	-0.01
70 C	Pentachlorophenol	40.000	36.996	7.5	103	0.00
71	Phenanthrene	40.000	39.332	1.7	117	-0.01
72	Anthracene	40.000	39.093	2.3	117	-0.01
73	Carbazole	40.000	38.697	3.3	114	0.00
74	Di-n-butylphthalate	40.000	41.247	-3.1	121	-0.01
75 C	Fluoranthene	40.000	38.677	3.3	115	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	111	-0.01
77	Benzydine	40.000	19.056	52.4#	44	0.00
78	Pyrene	40.000	41.775	-4.4	113	-0.01
79 S	Terphenyl-d14	80.000	83.727	-4.7	115	-0.01
80	Butylbenzylphthalate	40.000	44.744	-11.9	120	-0.01
81	Benzo(a)anthracene	40.000	40.644	-1.6	112	0.00
82	3,3'-Dichlorobenzidine	40.000	35.196	12.0	99	-0.01
83	Chrysene	40.000	39.395	1.5	112	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	48.063	-20.2	129	-0.01
85 c	Di-n-octyl phthalate	40.000	48.260	-20.6#	132	0.00
86 I	Perylene-d12	20.000	20.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.916	-9.8	116	0.00
88	Benzo(b)fluoranthene	40.000	40.672	-1.7	113	0.00
89	Benzo(k)fluoranthene	40.000	38.731	3.2	107	0.00
90 C	Benzo(a)pyrene	40.000	39.819	0.5	111	0.00
91	Dibenzo(a,h)anthracene	40.000	44.215	-10.5	116	-0.01
92	Benzo(g,h,i)perylene	40.000	44.763	-11.9	118	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141639.D
Acq On : 14 Feb 2025 15:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

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



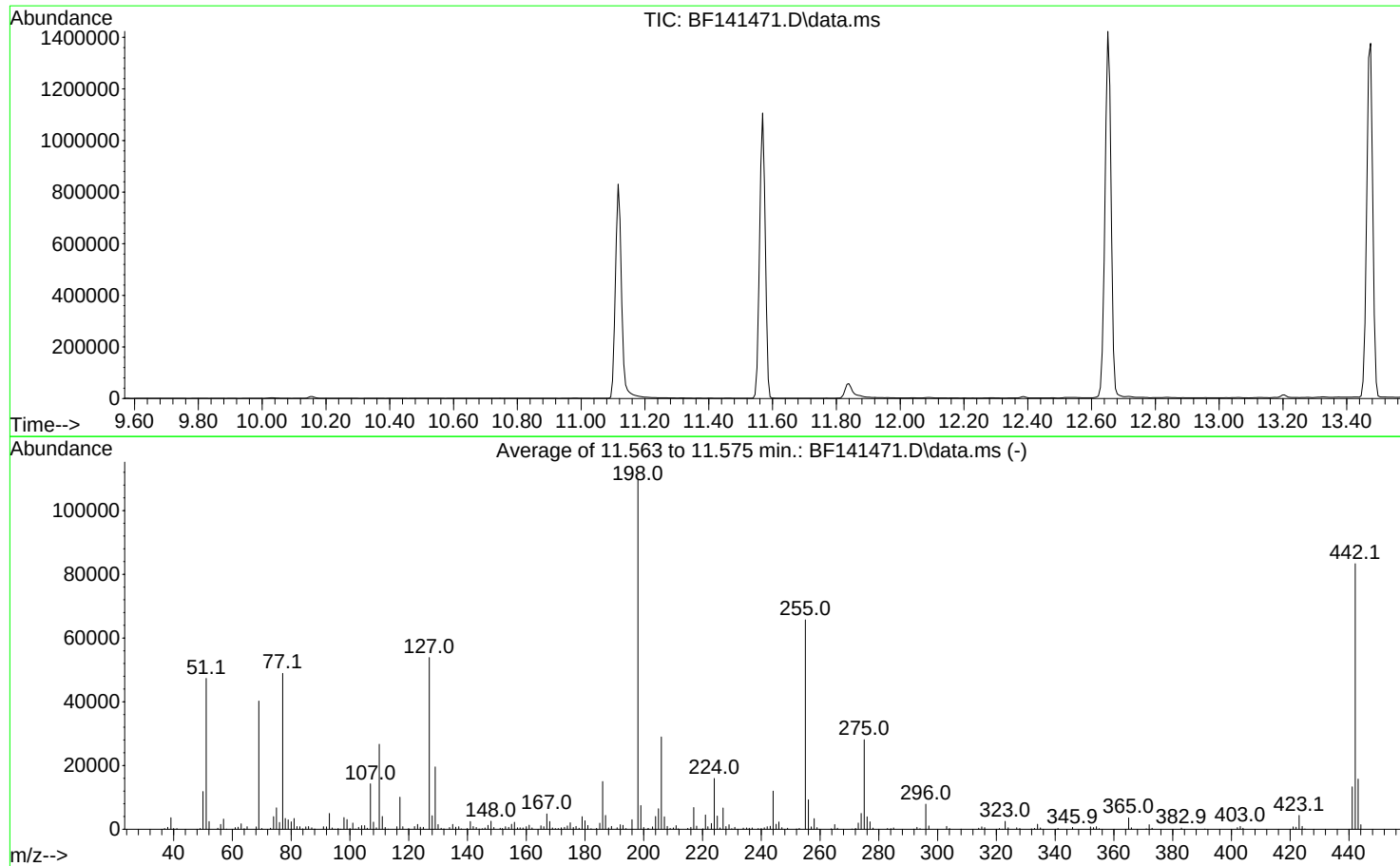
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141471.D
Acq On : 06 Feb 2025 10:41
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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 16:58:59 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	43.2	47360	PASS
68	69	0.00	2	1.9	756	PASS
69	198	0.00	100	36.7	40248	PASS
70	69	0.00	2	0.5	221	PASS
127	198	10	80	49.1	53877	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	109720	PASS
199	198	5	9	6.8	7444	PASS
275	198	10	60	25.6	28133	PASS
365	198	1	100	3.3	3599	PASS
441	198	0.01	100	12.2	13341	PASS
442	442	50	100	100.0	83323	PASS
443	442	15	24	18.9	15754	PASS

DDT Breakdown

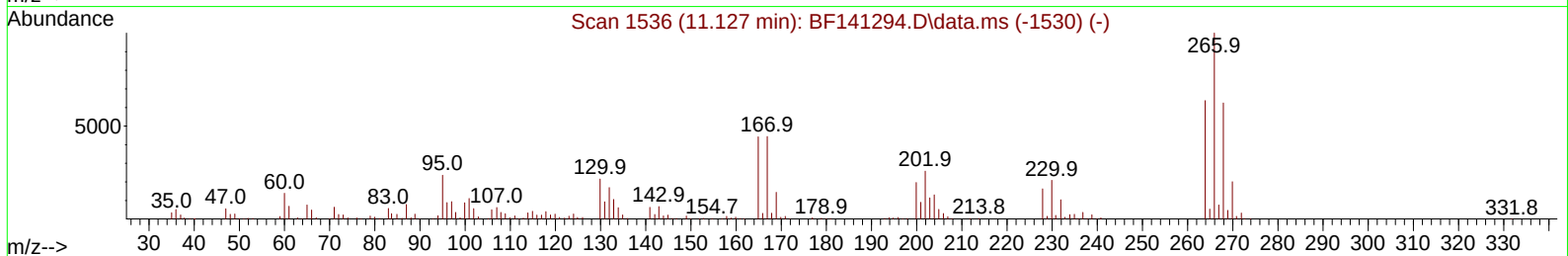
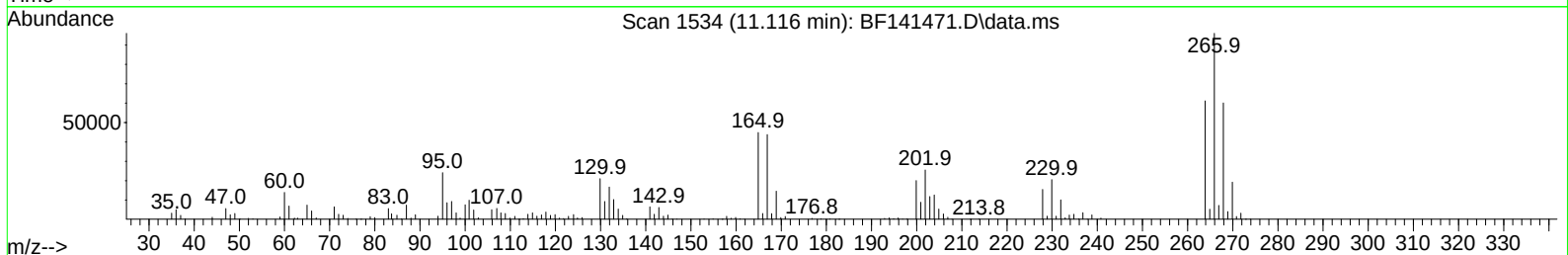
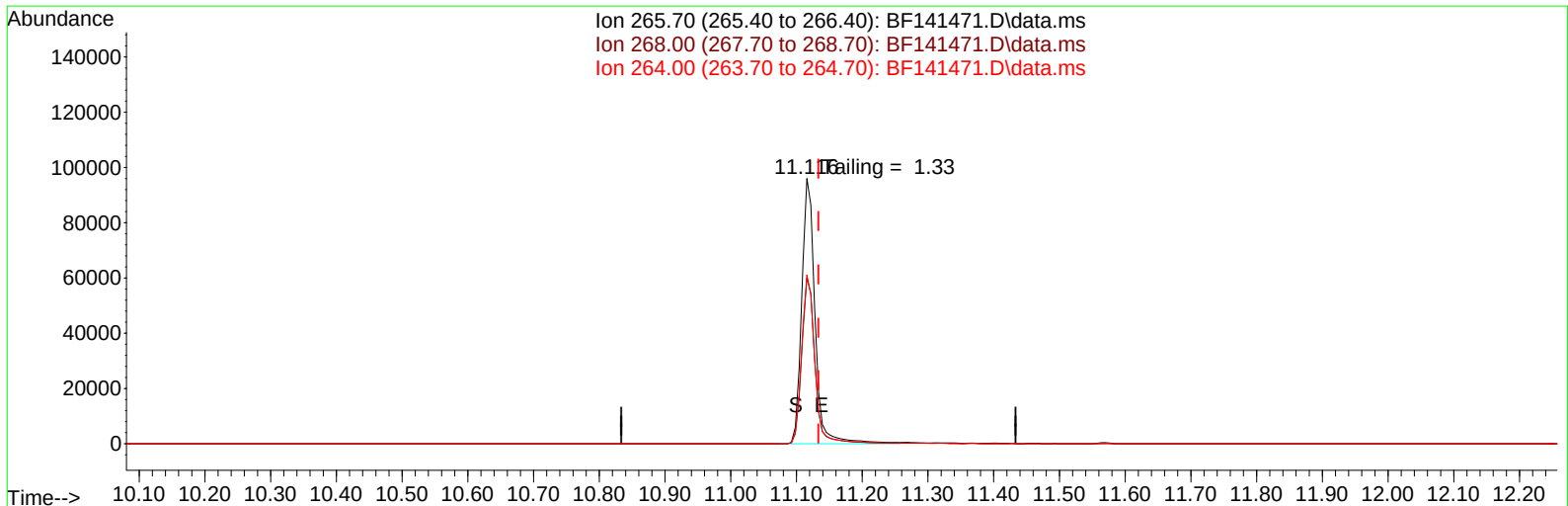
Date	Instrument Name	DFTPP Data File
2/6/2025	BNA_F	<u>BF141471.D</u>
Compound Name	Response	Retention Time
DDT	348871	13.475
DDD	6398	13.204
DDE	521	12.839
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6919	355790	1.94

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141471.D
Acq On : 06 Feb 2025 10:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 06 13:09:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 13:08:53 2025
Response via : Initial Calibration



TIC: BF141471.D\data.ms

(70) Pentachlorophenol (C)

11.116min (-0.018) 32915.33 ng

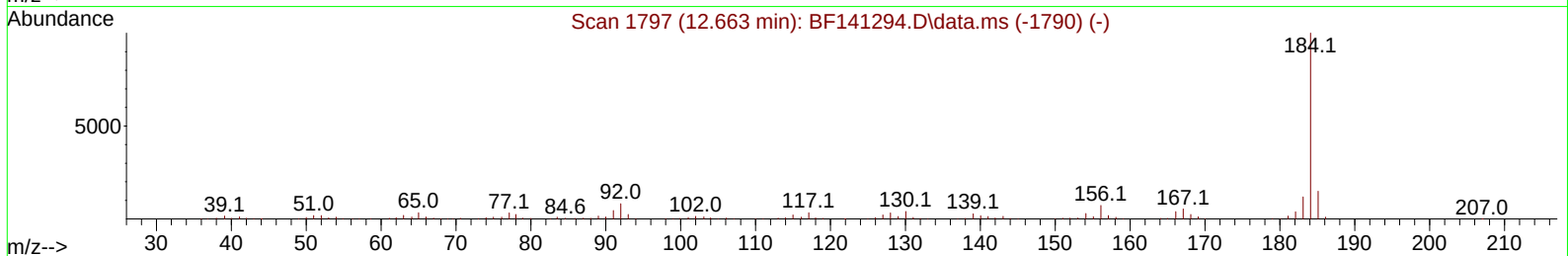
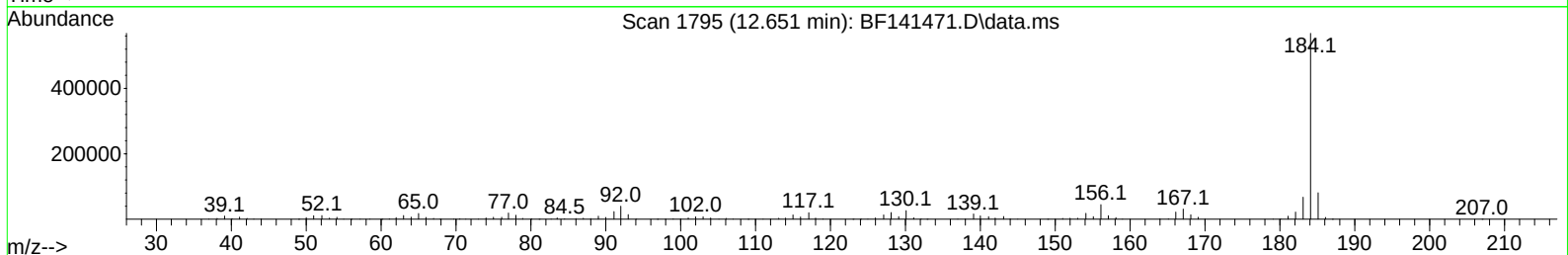
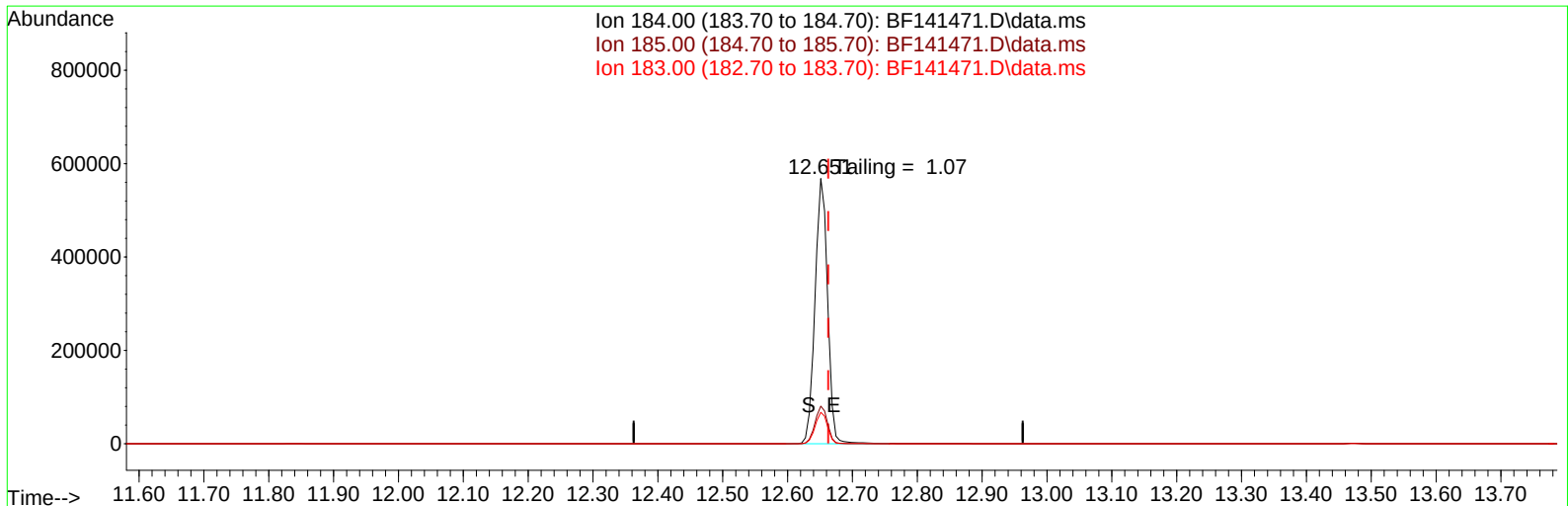
response 135048

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.40	62.59
264.00	63.70	63.70
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141471.D
Acq On : 06 Feb 2025 10:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 06 13:09:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 13:08:53 2025
Response via : Initial Calibration



TIC: BF141471.D\data.ms

(77) Benzidine

12.651min (-0.012) 0.00 ng

response 764582

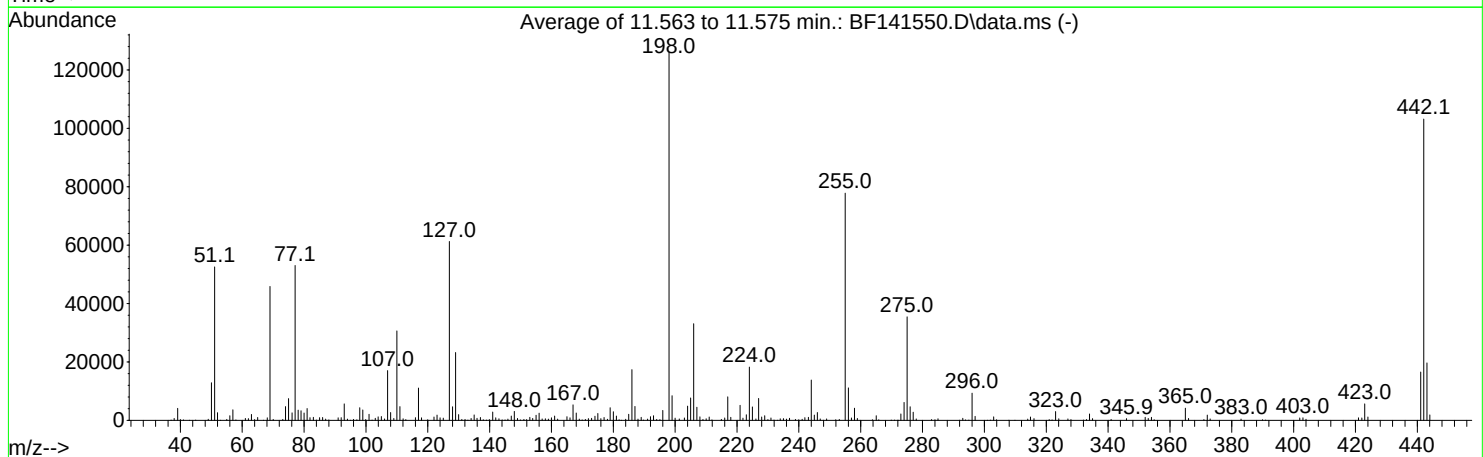
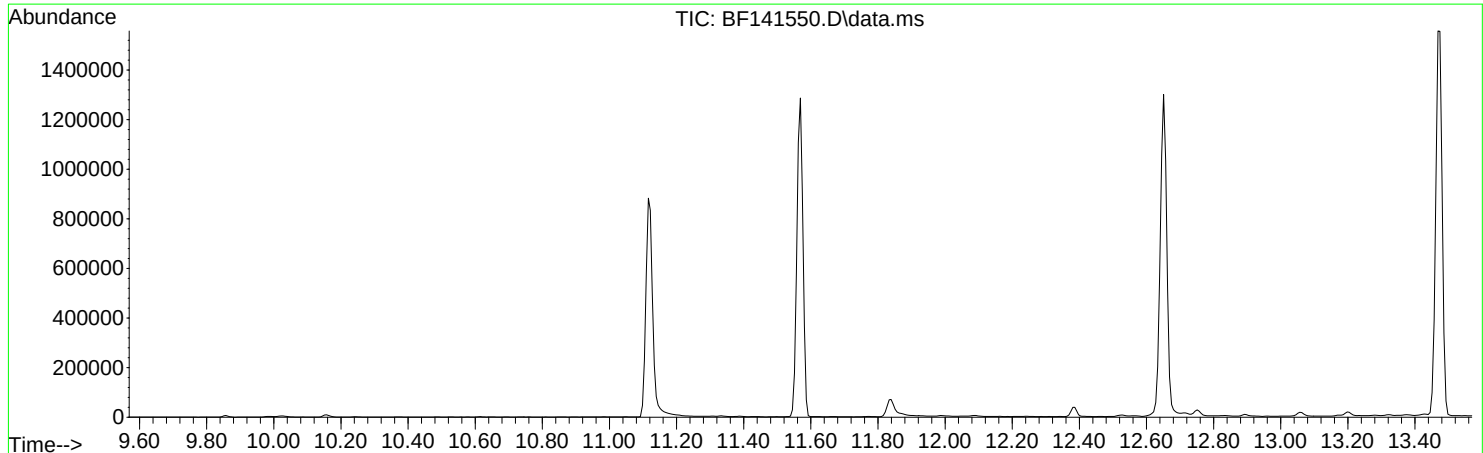
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.21
183.00	11.90	11.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141550.D
Acq On : 11 Feb 2025 10:02
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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 16:58:59 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	41.7	52576	PASS
68	69	0.00	2	1.9	880	PASS
69	198	0.00	100	36.4	45864	PASS
70	69	0.00	2	0.7	312	PASS
127	198	10	80	48.6	61283	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	125976	PASS
199	198	5	9	6.7	8465	PASS
275	198	10	60	28.2	35464	PASS
365	198	1	100	3.3	4164	PASS
441	198	0.01	100	13.1	16543	PASS
442	442	50	100	100.0	103163	PASS
443	442	15	24	19.1	19671	PASS

DDT Breakdown

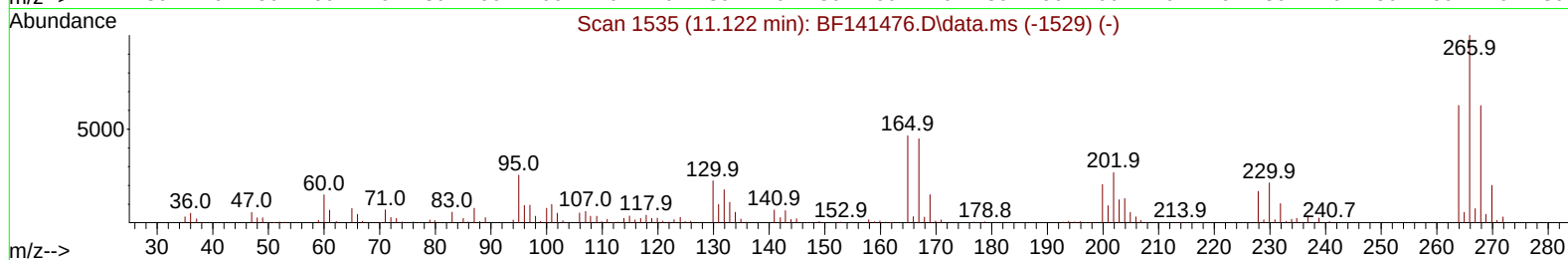
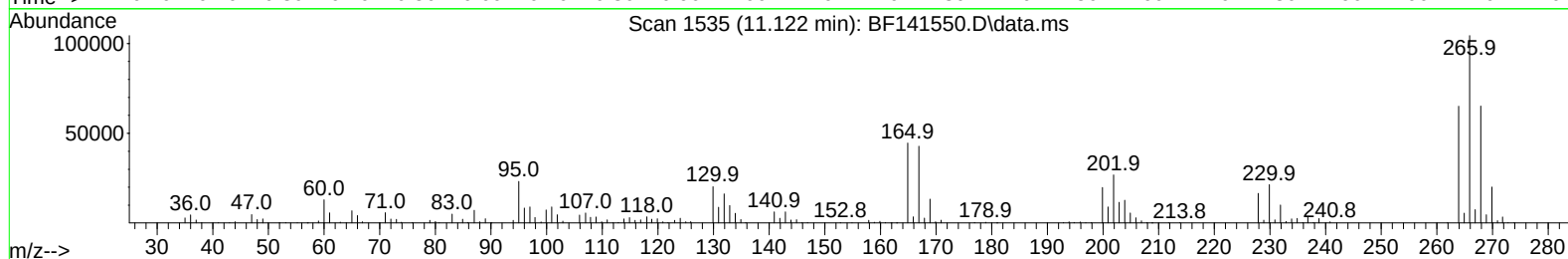
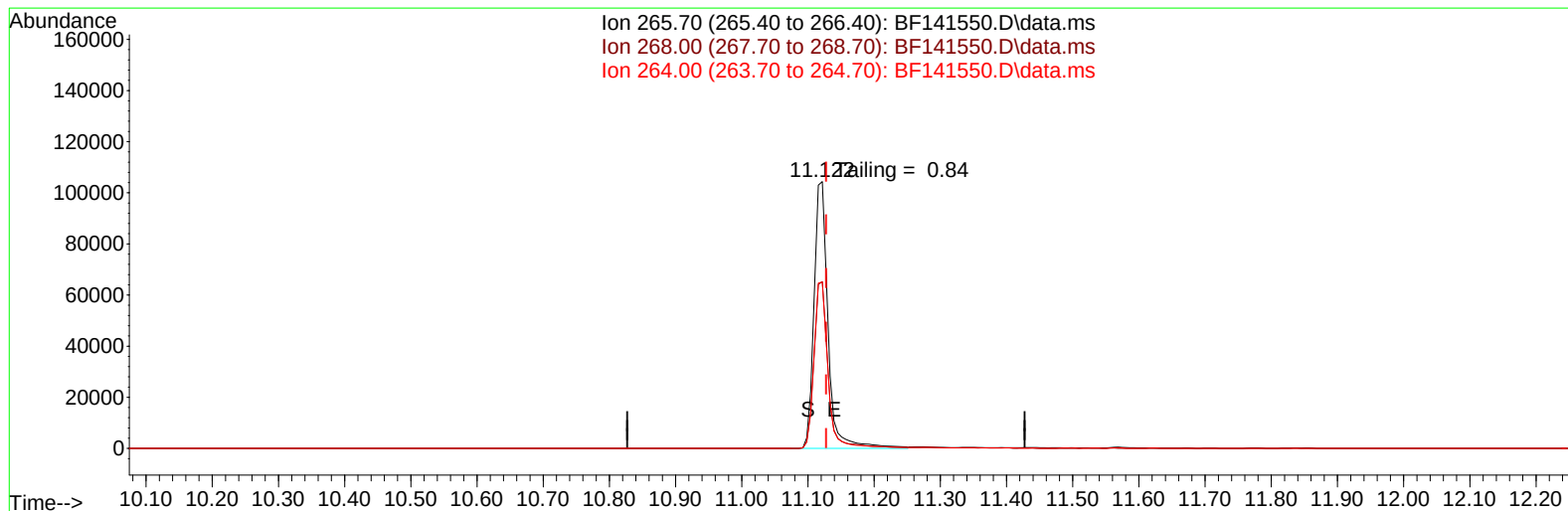
Date	Instrument Name	DFTPP Data File
2/11/2025	BNA_F	<u>BF141550.D</u>
Compound Name	Response	Retention Time
DDT	411059	13.474
DDD	6230	13.204
DDE	573	12.839
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6803	417862	1.63

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141550.D
Acq On : 11 Feb 2025 10:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 11 10:57:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



TIC: BF141550.D\data.ms

(70) Pentachlorophenol (C)

11.122min (-0.006) 16244.81 ng

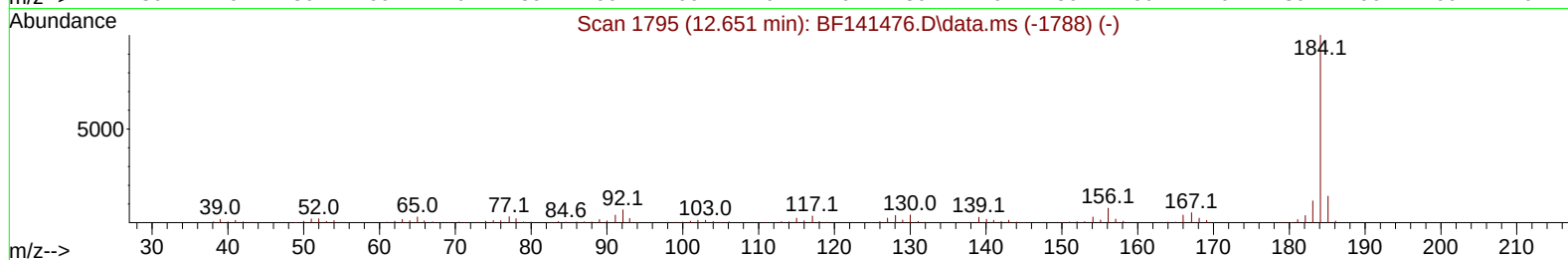
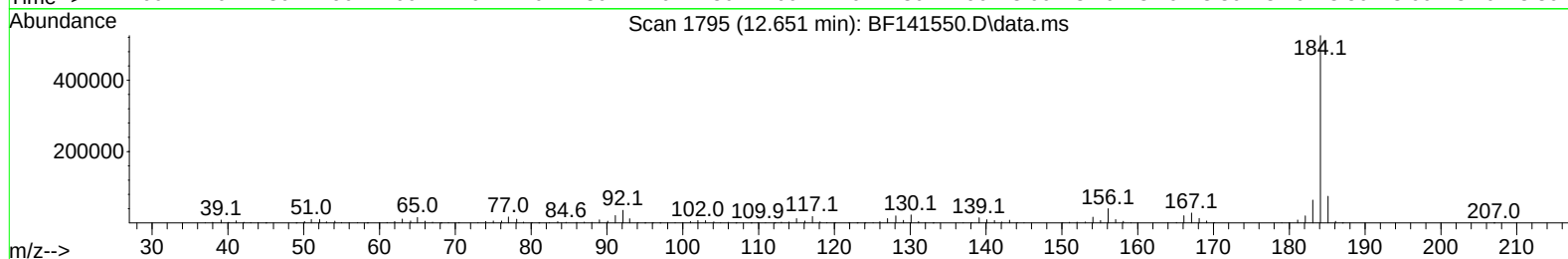
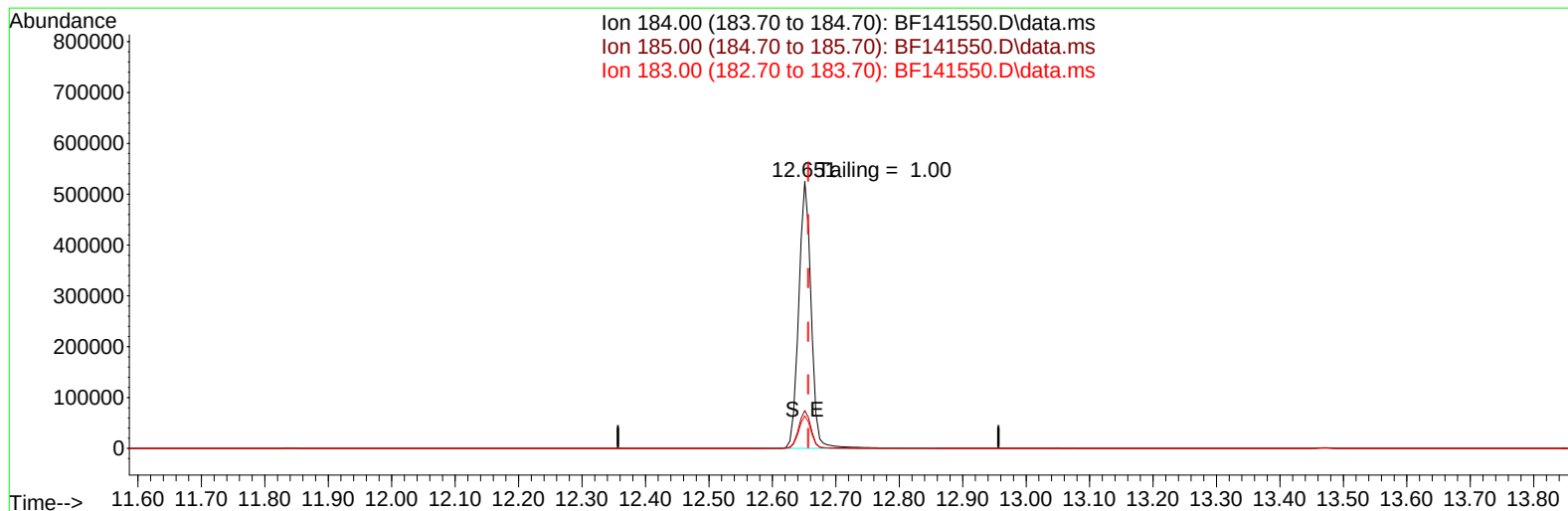
response 154688

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.60	62.47
264.00	62.60	62.37
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141550.D
Acq On : 11 Feb 2025 10:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 11 10:57:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



TIC: BF141550.D\data.ms

(77) Benzidine

12.651min (-0.006) 26925.30 ng

response 718522

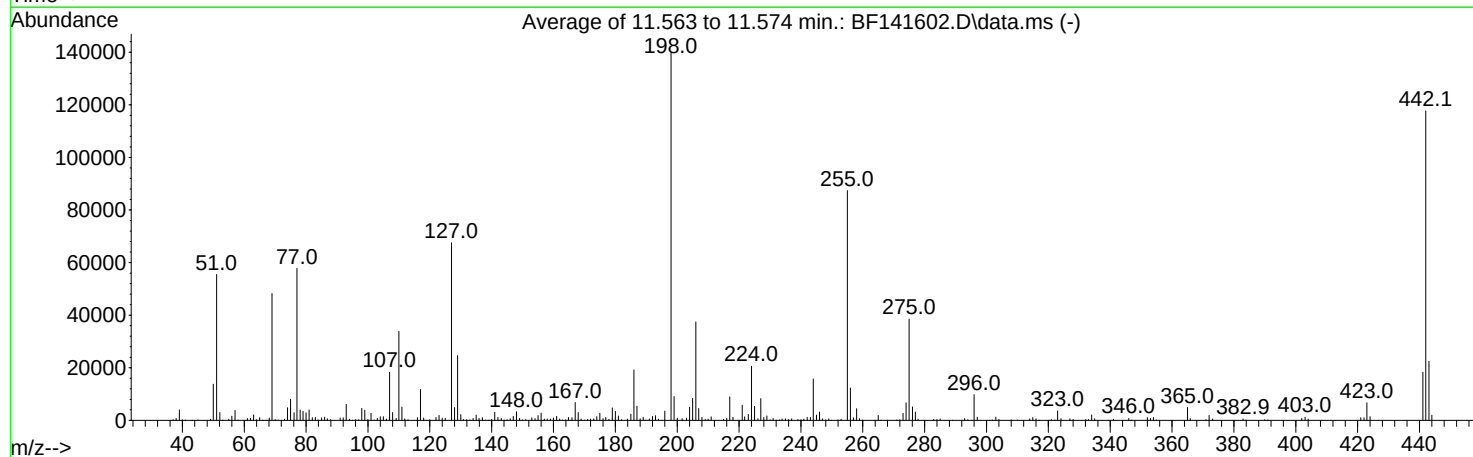
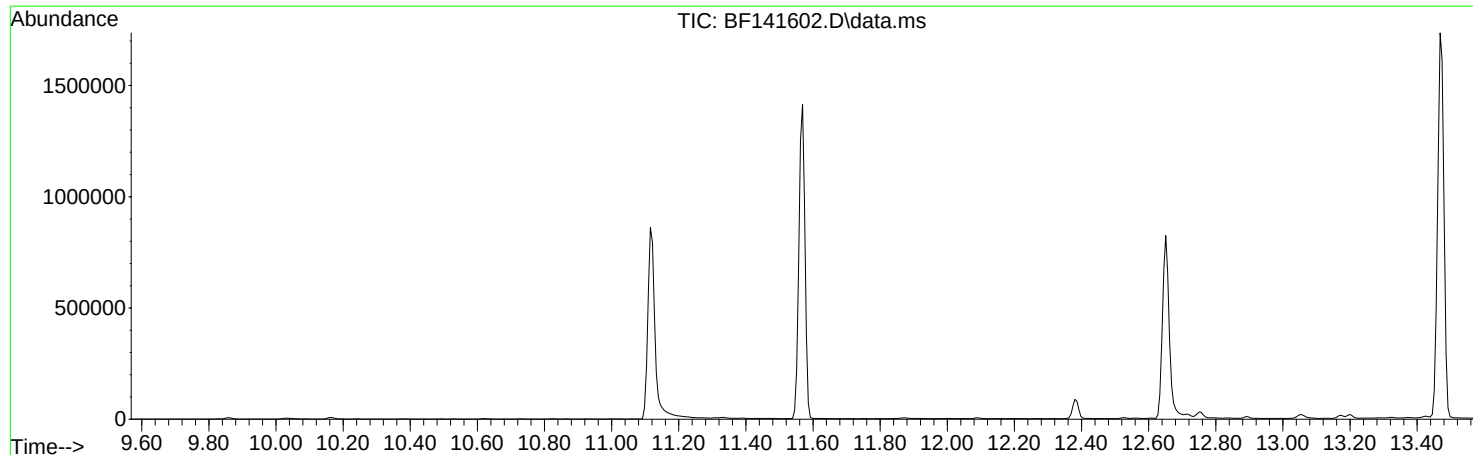
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.23
183.00	11.60	12.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141602.D
Acq On : 13 Feb 2025 09:10
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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 16:58:59 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.6	55464	PASS
68	69	0.00	2	1.9	906	PASS
69	198	0.00	100	34.5	48224	PASS
70	69	0.00	2	0.6	300	PASS
127	198	10	80	48.3	67533	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	139891	PASS
199	198	5	9	6.5	9041	PASS
275	198	10	60	27.5	38525	PASS
365	198	1	100	3.5	4928	PASS
441	198	0.01	100	13.1	18338	PASS
442	442	50	100	100.0	117696	PASS
443	442	15	24	19.1	22443	PASS

DDT Breakdown

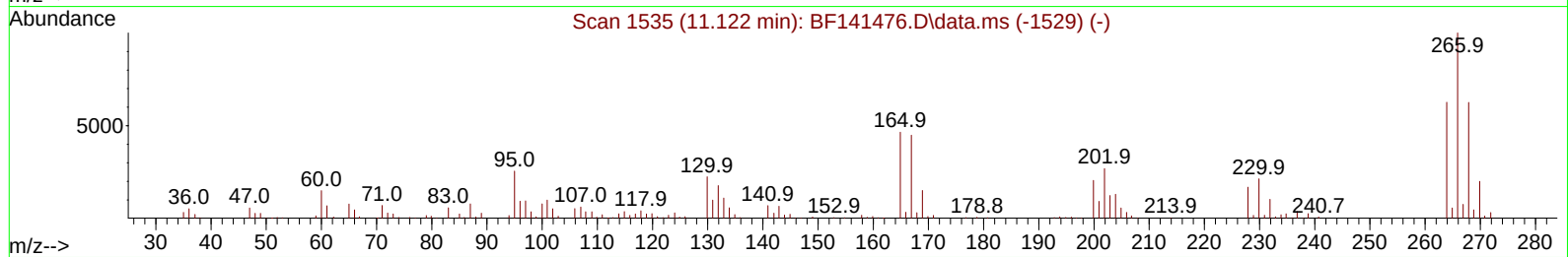
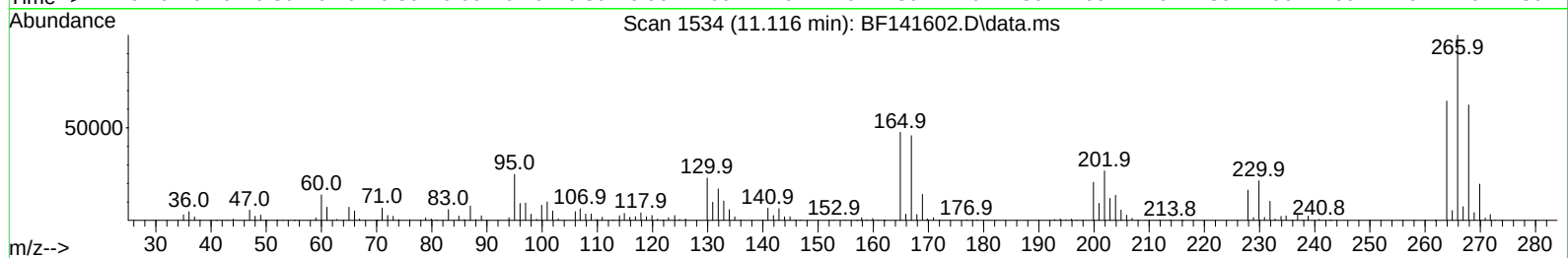
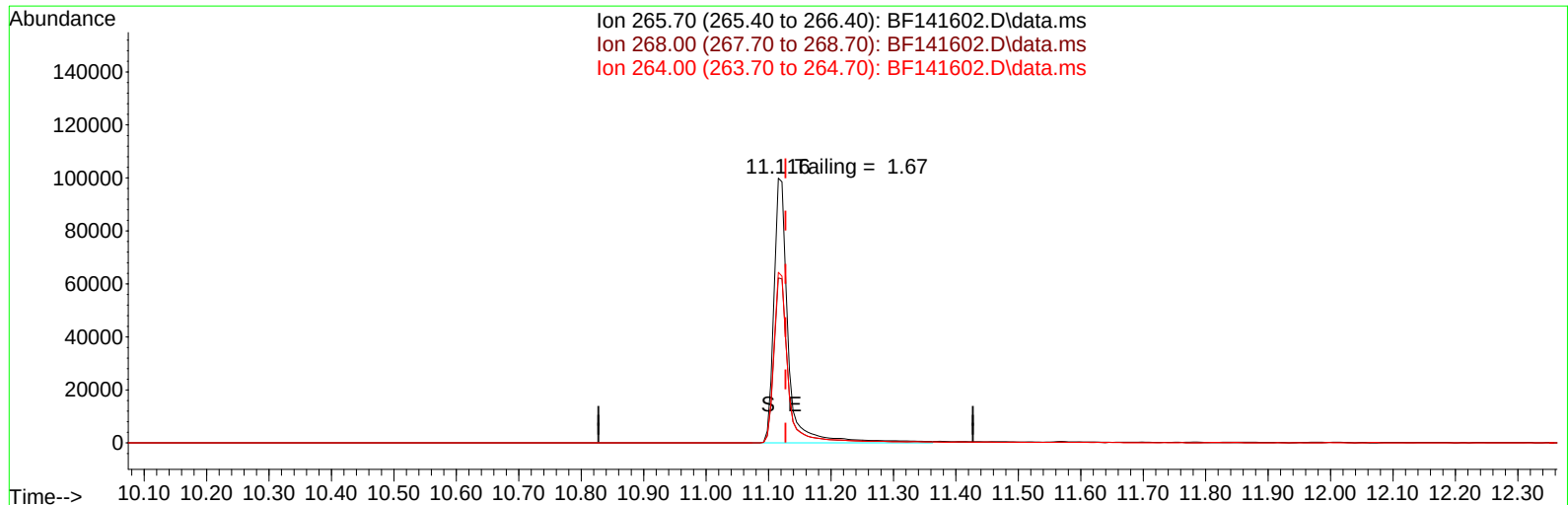
Date	Instrument Name	DFTPP Data File
2/13/2025	BNA_F	<u>BF141602.D</u>
Compound Name	Response	Retention Time
DDT	449110	13.468
DDD	9352	13.198
DDE	582	12.833
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
9934	459044	2.16

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141602.D
Acq On : 13 Feb 2025 09:10
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 13 10:48:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



TIC: BF141602.D\data.ms

(70) Pentachlorophenol (C)

11.116min (-0.012) 14042.47 ng

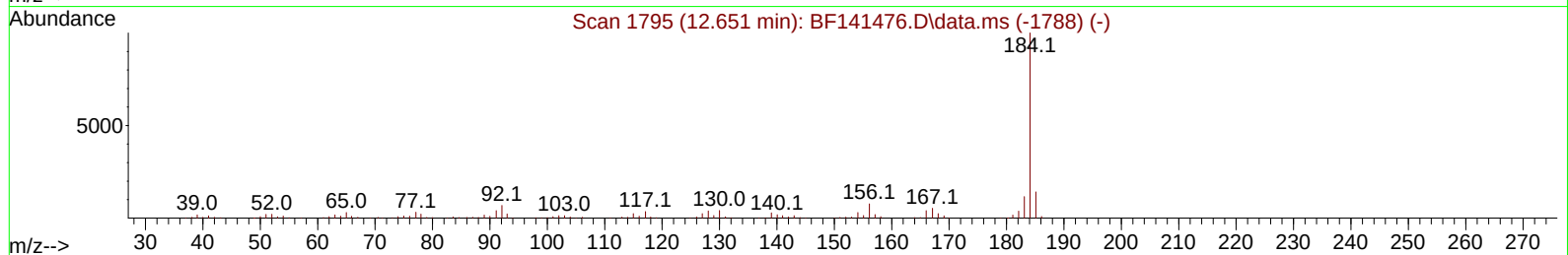
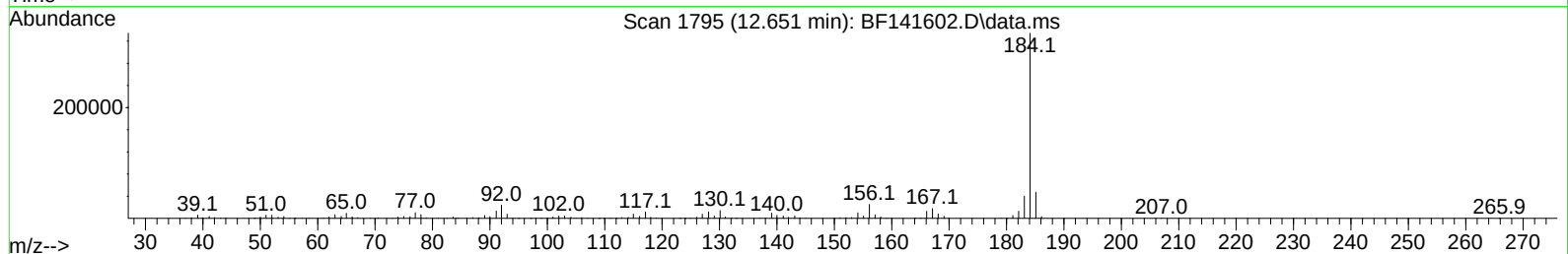
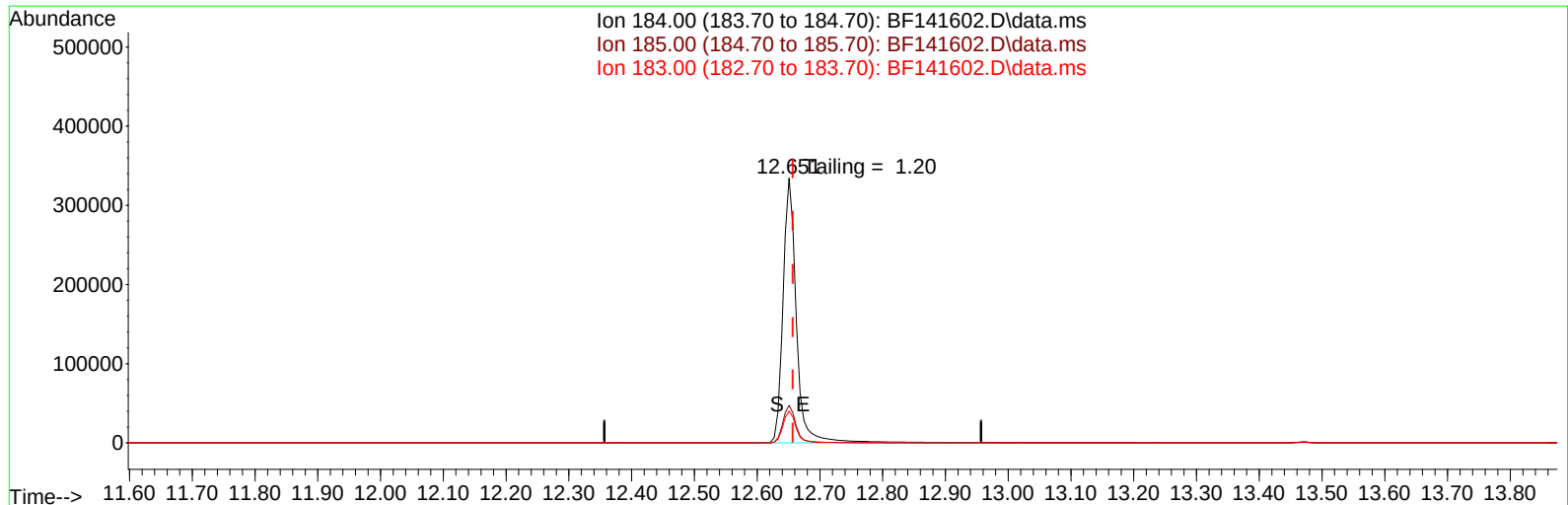
response 160894

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.60	62.33
264.00	62.60	64.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141602.D
Acq On : 13 Feb 2025 09:10
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 13 10:48:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



TIC: BF141602.D\data.ms

(77) Benzidine

12.651min (-0.006) 15729.00 ng

response 494669

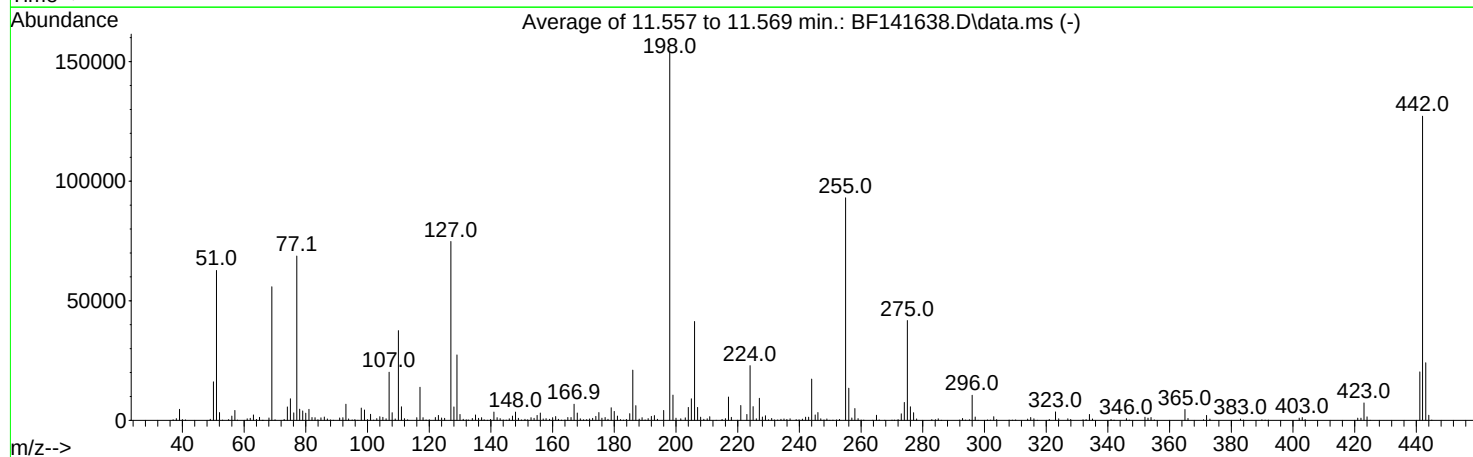
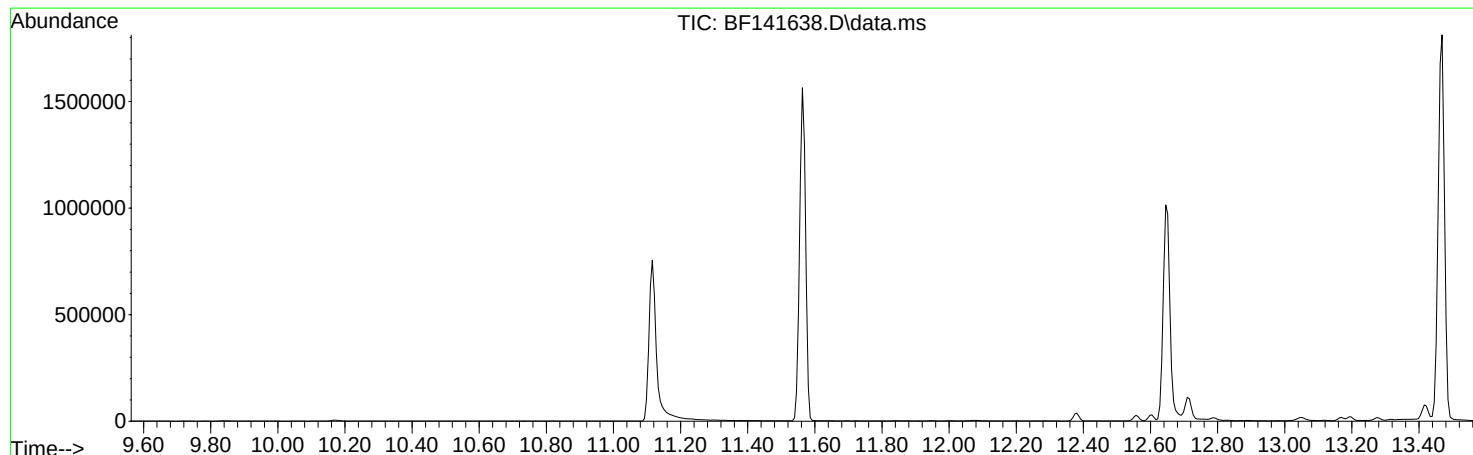
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.14
183.00	11.60	12.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141638.D
Acq On : 14 Feb 2025 14:38
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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 16:58:59 2025



AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	40.8	62680	PASS
68	69	0.00	2	1.8	1020	PASS
69	198	0.00	100	36.3	55875	PASS
70	69	0.00	2	0.5	301	PASS
127	198	10	80	48.6	74800	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	153792	PASS
199	198	5	9	6.9	10562	PASS
275	198	10	60	27.2	41765	PASS
365	198	1	100	3.0	4538	PASS
441	198	0.01	100	13.2	20278	PASS
442	442	50	100	100.0	127181	PASS
443	442	15	24	18.9	24067	PASS

DDT Breakdown

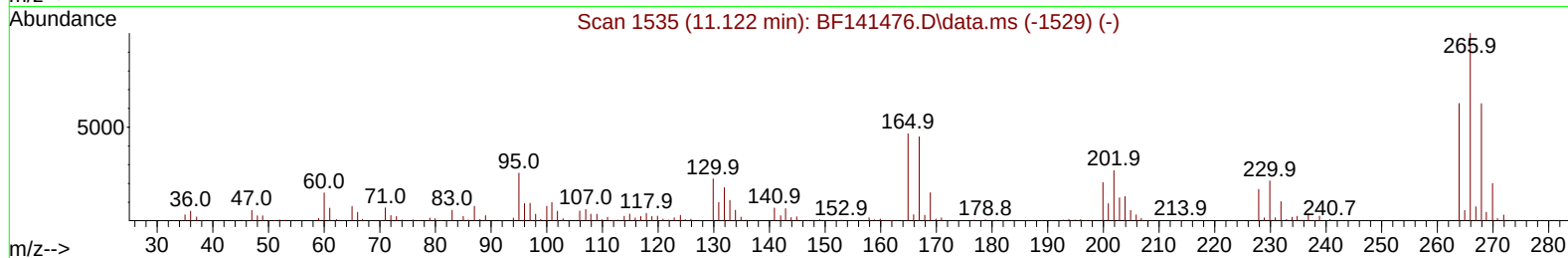
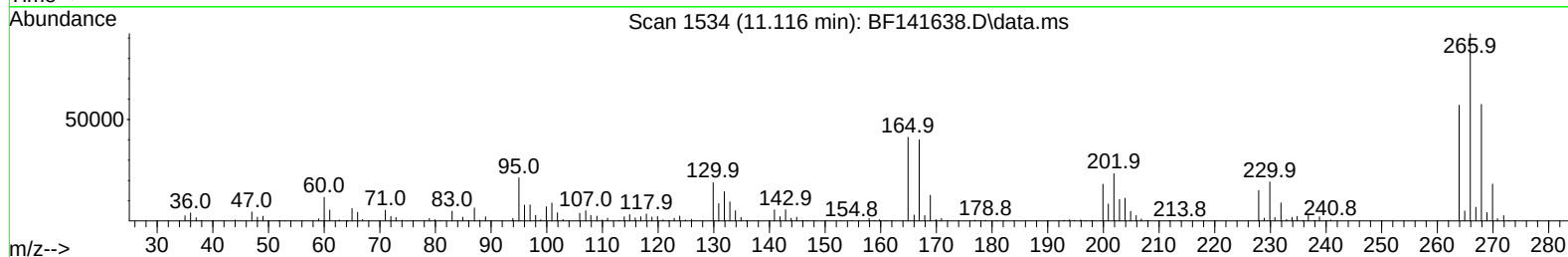
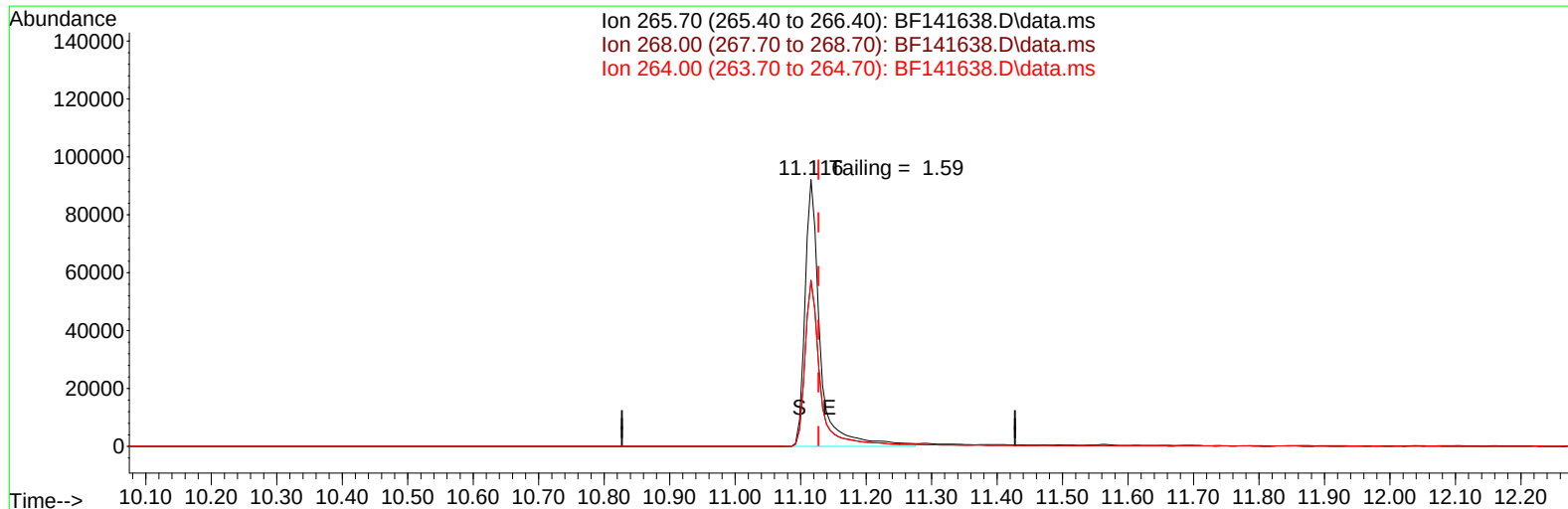
Date	Instrument Name	DFTPP Data File
2/14/2025	BNA_F	<u>BF141638.D</u>
Compound Name	Response	Retention Time
DDT	469880	13.469
DDD	12079	13.169
DDE	518	12.833
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
12597	482477	2.61

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141638.D
Acq On : 14 Feb 2025 14:38
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 14 15:24:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



TIC: BF141638.D\data.ms

(70) Pentachlorophenol (C)

11.116min (-0.011) 158475.01 ng

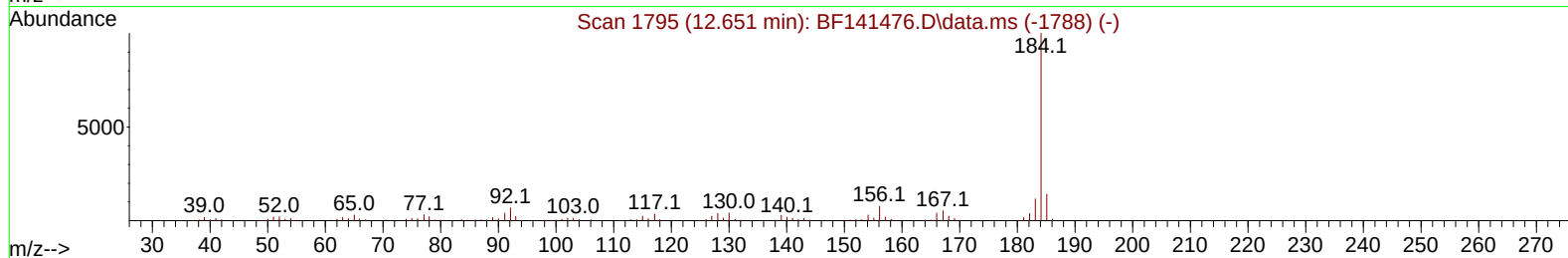
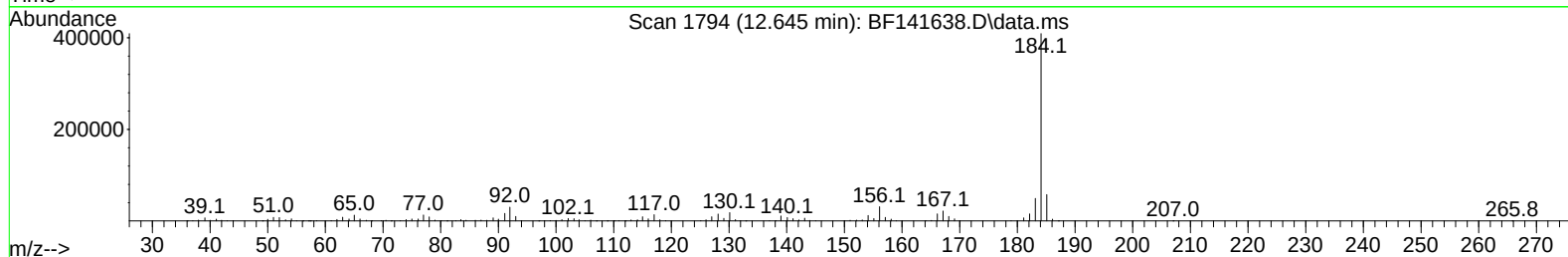
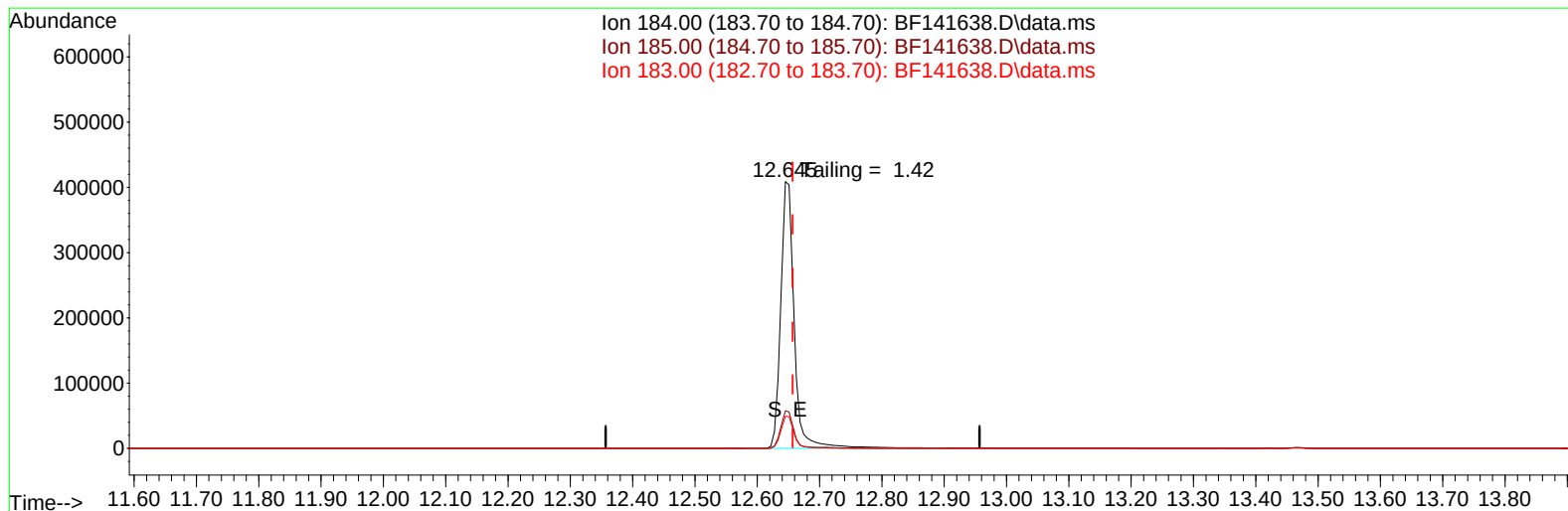
response 149272

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.60	62.28
264.00	62.60	61.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141638.D
Acq On : 14 Feb 2025 14:38
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 14 15:24:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



TIC: BF141638.D\data.ms

(77) Benzidine

12.645min (-0.011) 0.00 ng

response 621132

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.06
183.00	11.60	12.06
0.00	0.00	0.00

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BL	SDG No.:	Q1331
Lab Sample ID:	PB166641BL	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
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BL	SDG No.:	Q1331
Lab Sample ID:	PB166641BL	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
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BL	SDG No.:	Q1331
Lab Sample ID:	PB166641BL	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
BF141554.D	1	02/10/25 08:35	02/11/25 11:47	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		15 (10) - 110 (139)	89%	SPK: 150
13127-88-3	Phenol-d6	132		15 (10) - 110 (134)	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.8		30 (49) - 130 (133)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.2		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		15 (44) - 110 (137)	92%	SPK: 150
1718-51-0	Terphenyl-d14	85.4		30 (48) - 130 (125)	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	97000	6.787			
1146-65-2	Naphthalene-d8	391000	8.069			
15067-26-2	Acenaphthene-d10	220000	9.822			
1517-22-2	Phenanthrene-d10	401000	11.31			
1719-03-5	Chrysene-d12	329000	13.951			
1520-96-3	Perylene-d12	255000	15.404			

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\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Time: Feb 11 12:13:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97044	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	390720	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	219692	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	401003	20.000	ng	0.00
76) Chrysene-d12	13.951	240	328820	20.000	ng	-0.01
86) Perylene-d12	15.404	264	255232	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	825237	133.317	ng	0.01
7) Phenol-d6	6.428	99	1033560	132.106	ng	-0.01
23) Nitrobenzene-d5	7.351	82	694900	92.764	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	305667	138.505	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1328906	93.193	ng	0.00
79) Terphenyl-d14	12.898	244	1664298	85.446	ng	0.00

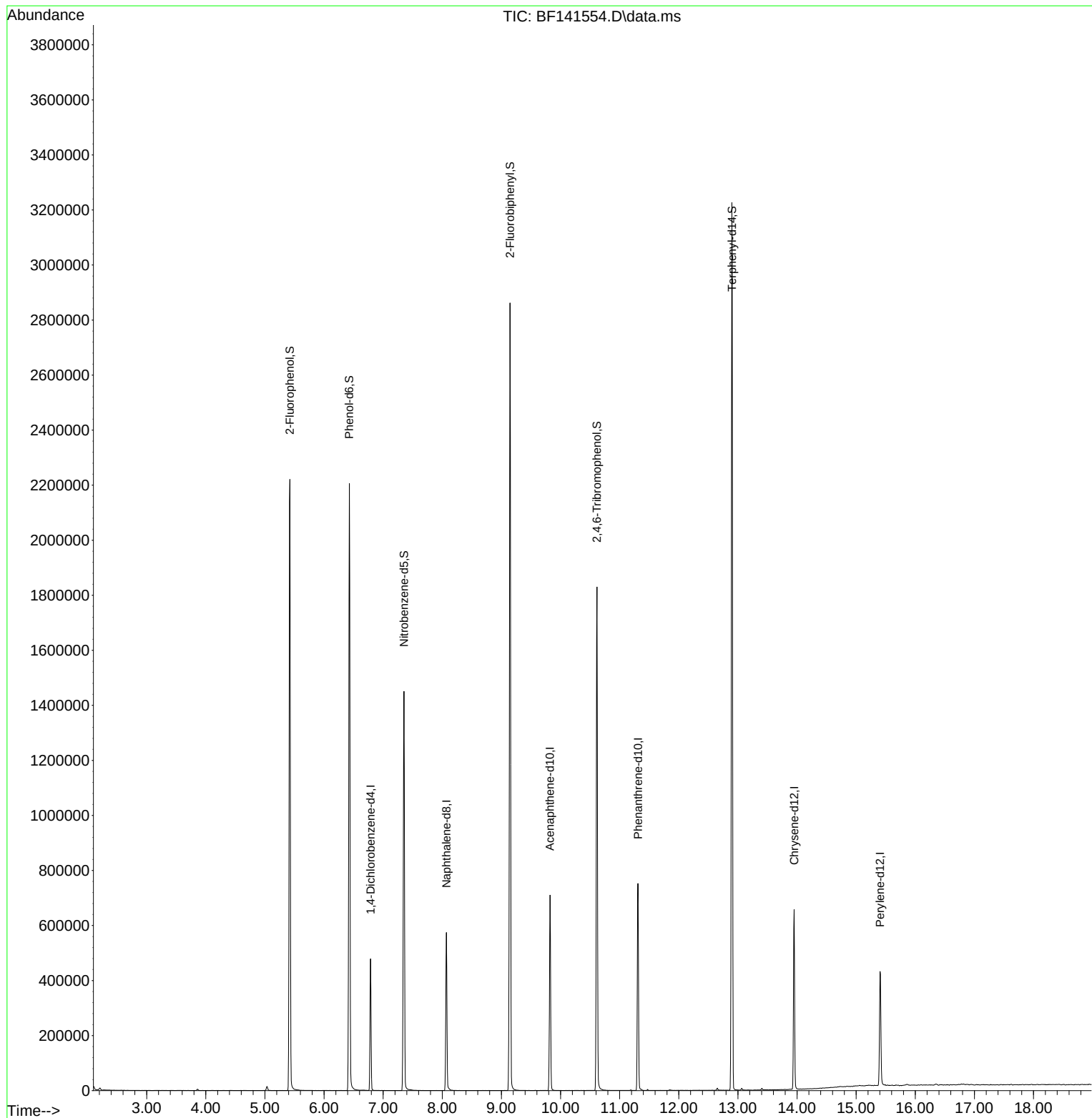
Target Compounds	Qvalue

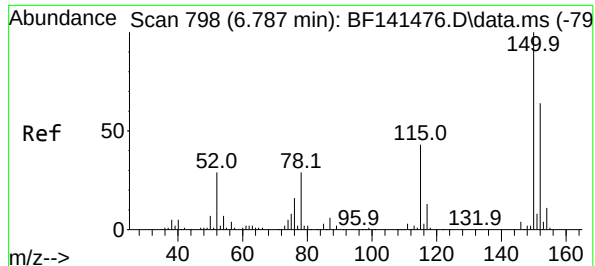
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Time: Feb 11 12:13:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

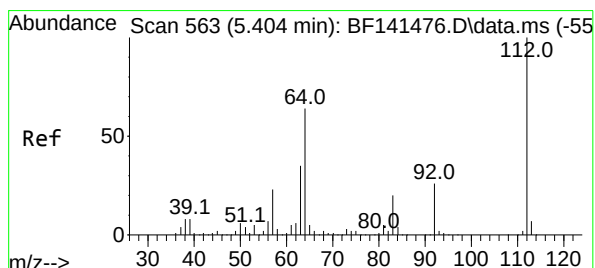
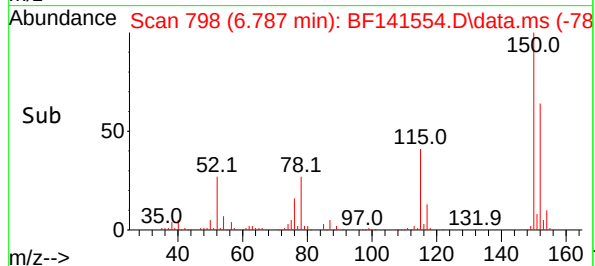
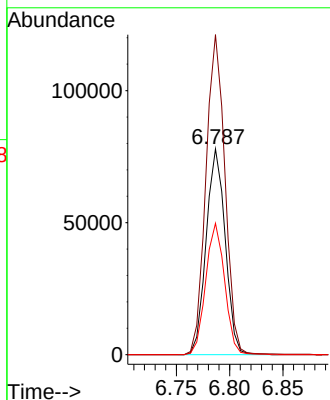
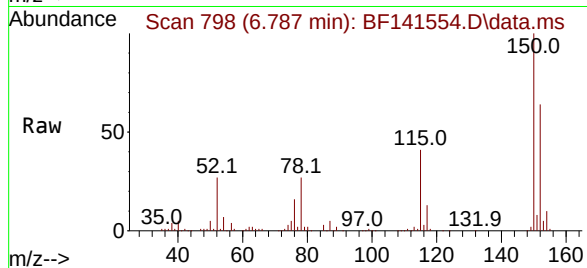




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

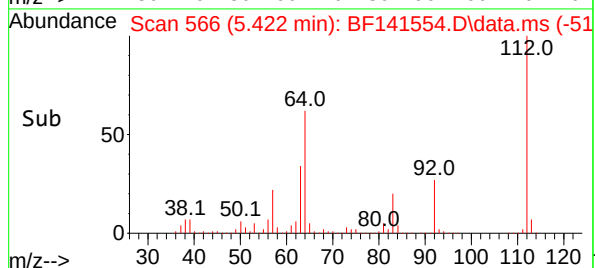
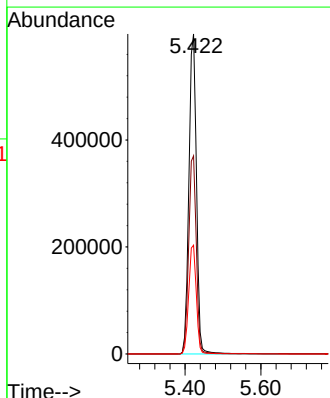
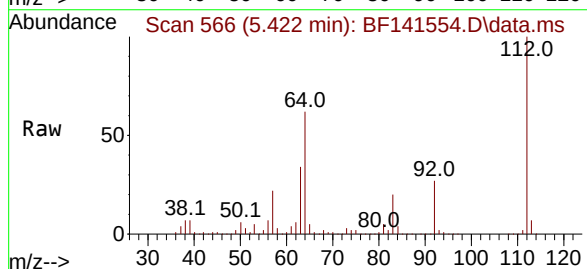
Instrument :
BNA_F
ClientSampleId :
PB166641BL

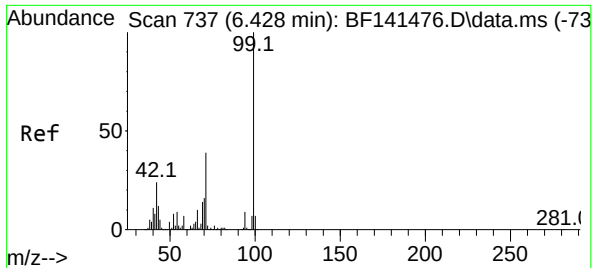
Tgt Ion:152 Resp: 97044
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.4
115 63.9 53.6 80.4



#5
2-Fluorophenol
Concen: 133.317 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:112 Resp: 825237
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 34.0 28.4 42.6

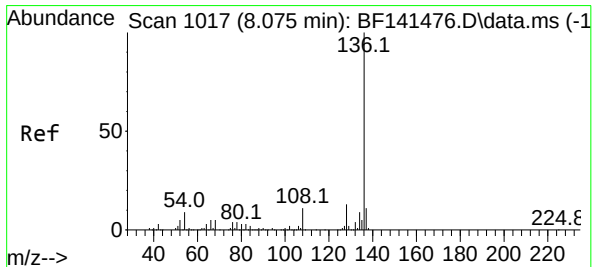
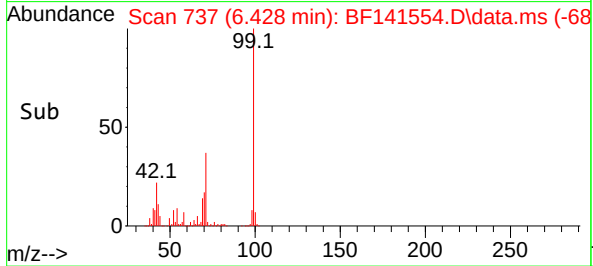
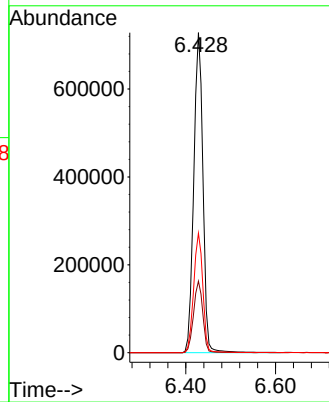
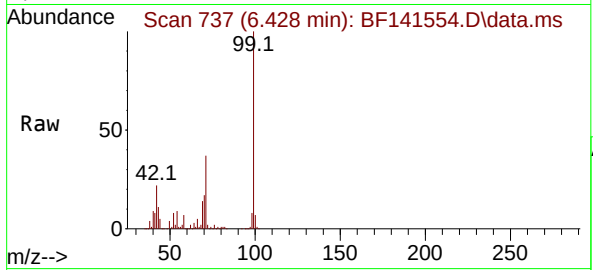




#7
Phenol-d6
Concen: 132.106 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

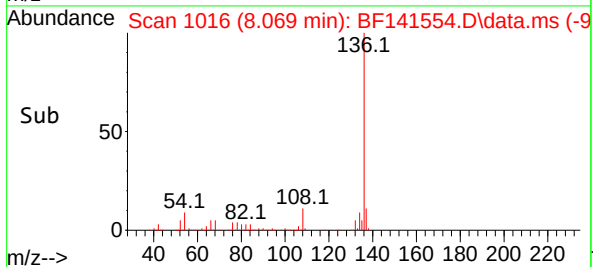
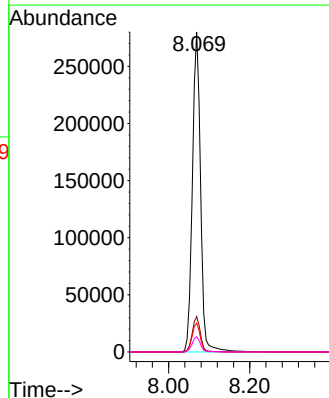
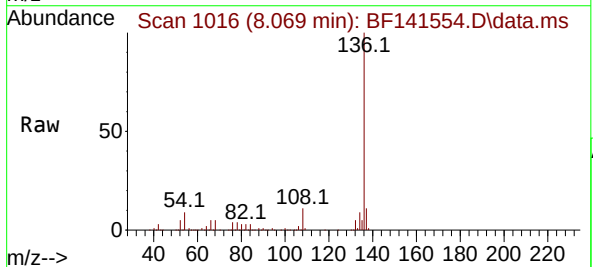
Instrument :
BNA_F
ClientSampleId :
PB166641BL

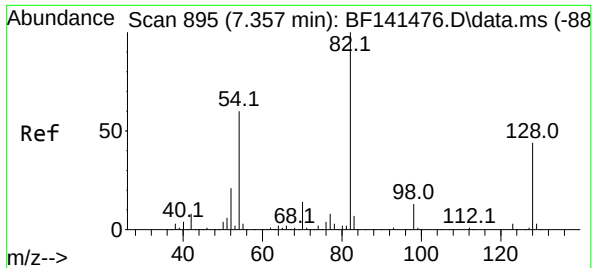
Tgt Ion: 99 Resp: 1033560
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion: 136 Resp: 390720
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 92.764 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

Instrument :

BNA_F

ClientSampleId :

PB166641BL

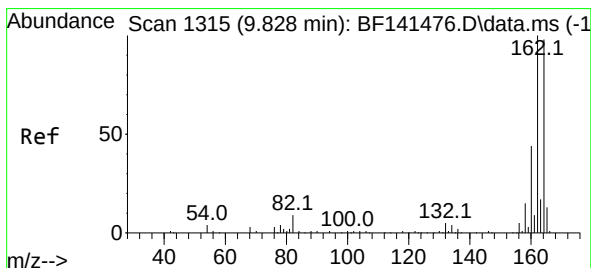
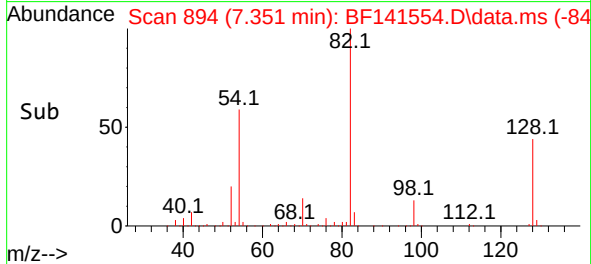
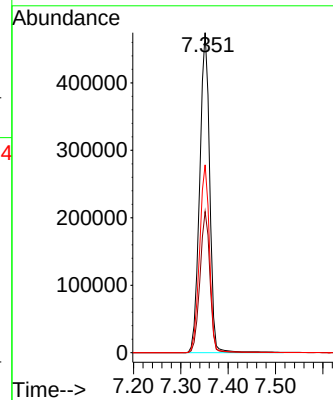
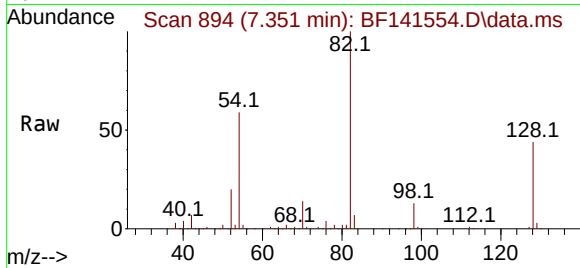
Tgt Ion: 82 Resp: 694900

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 58.7 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

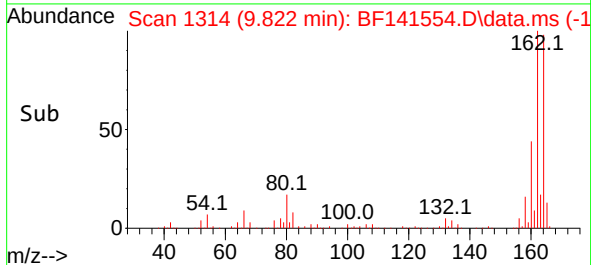
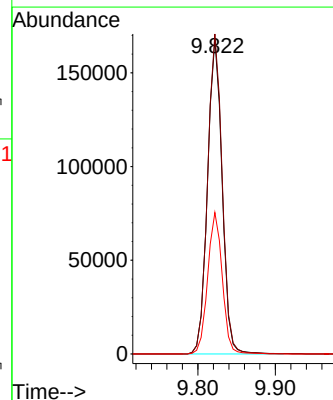
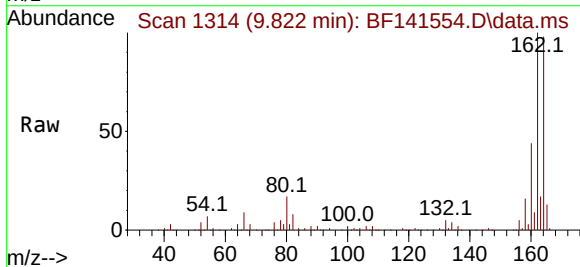
Tgt Ion:164 Resp: 219692

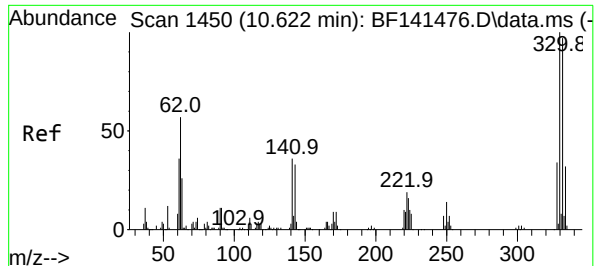
Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.505 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141554.D

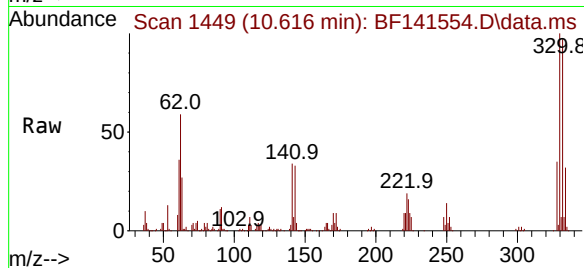
Acq: 11 Feb 2025 11:47

Instrument :

BNA_F

ClientSampleId :

PB166641BL



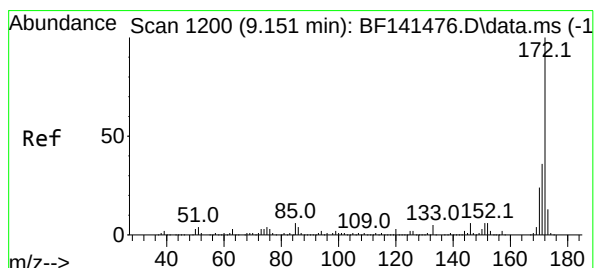
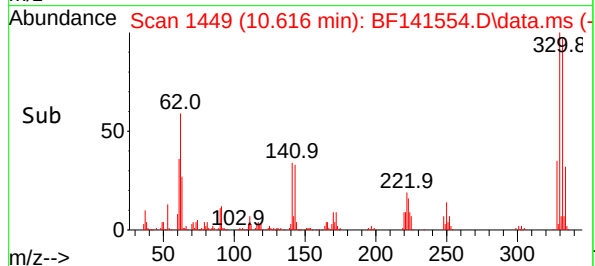
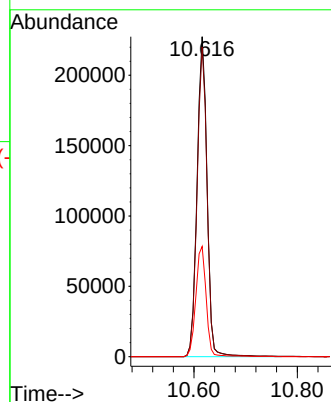
Tgt Ion:330 Resp: 305667

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.193 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

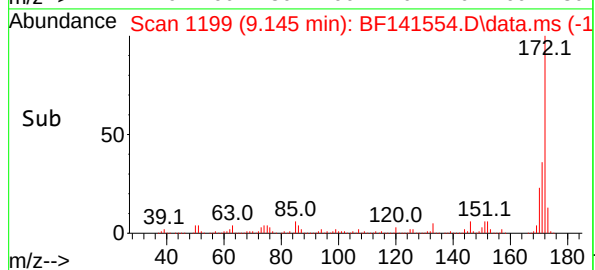
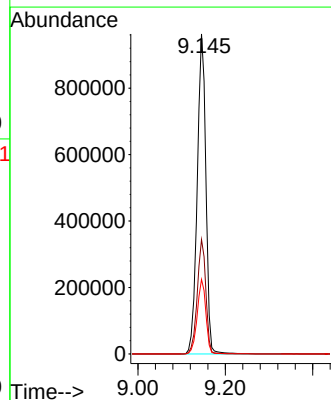
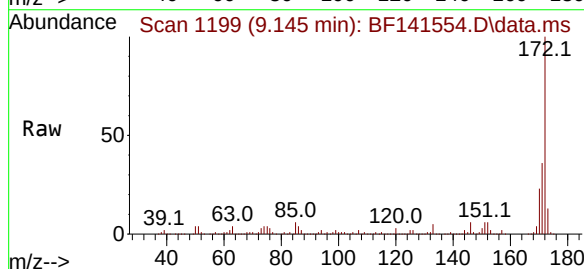
Tgt Ion:172 Resp: 1328906

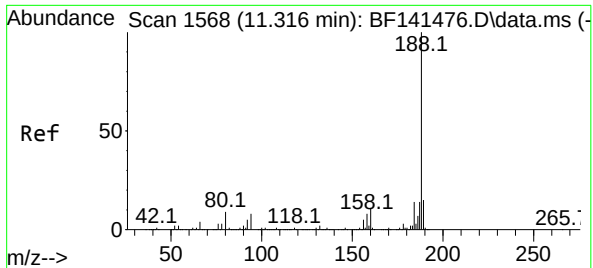
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.3 18.9 28.3

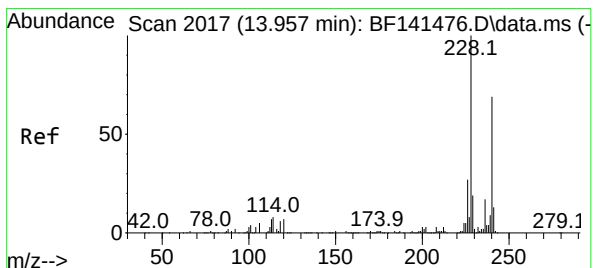
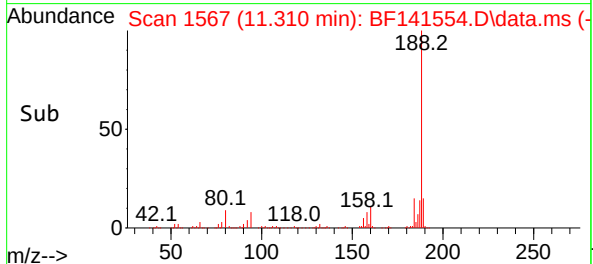
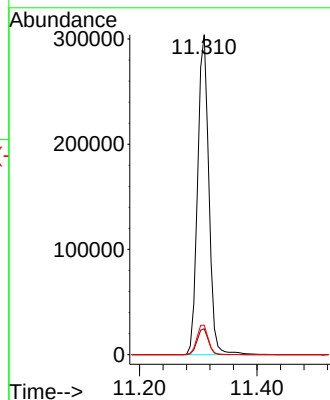
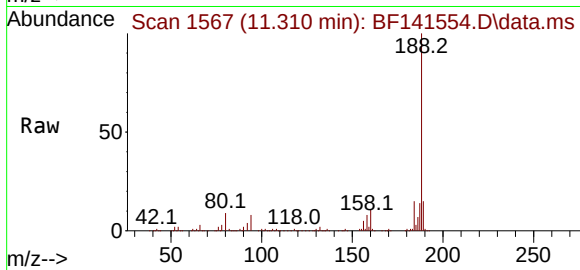




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

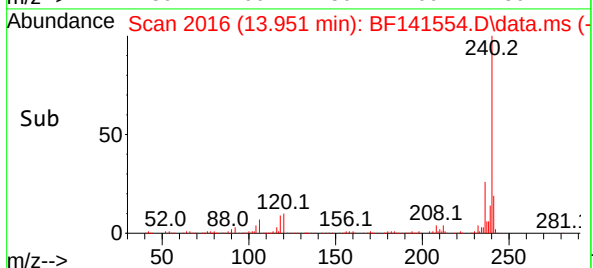
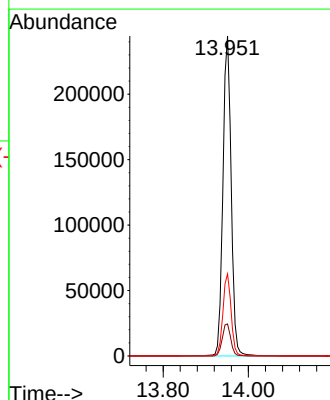
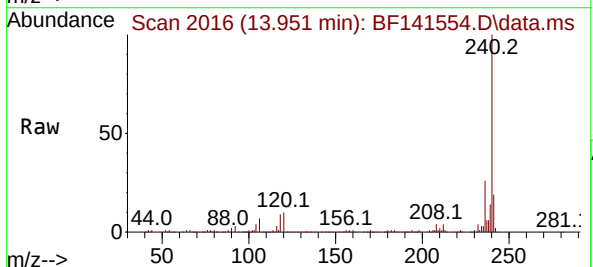
Instrument :
BNA_F
ClientSampleId :
PB166641BL

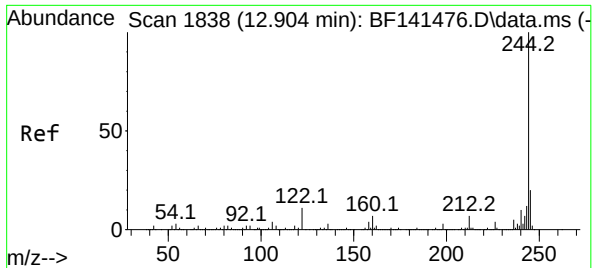
Tgt Ion:188	Resp: 401003
Ion Ratio	Lower Upper
188	100
94	8.1 6.6 10.0
80	9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141554.D
Acq: 11 Feb 2025 11:47

Tgt Ion:240	Resp: 328820
Ion Ratio	Lower Upper
240	100
120	10.0 8.0 12.0
236	25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 85.446 ng

RT: 12.898 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

Instrument :

BNA_F

ClientSampleId :

PB166641BL

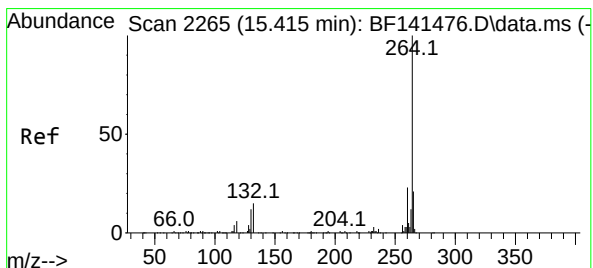
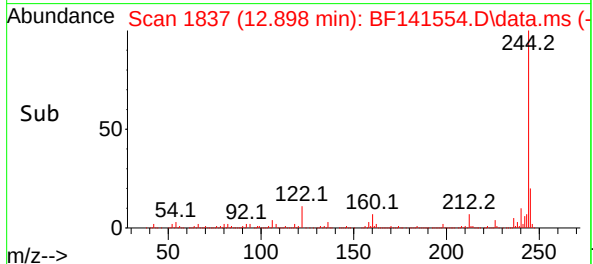
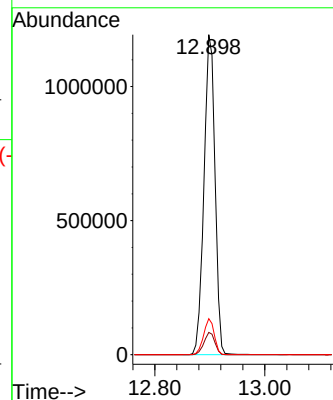
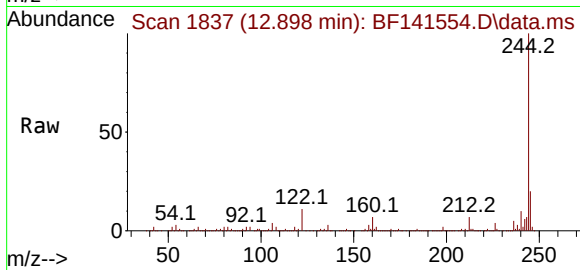
Tgt Ion:244 Resp: 1664298

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF141554.D

Acq: 11 Feb 2025 11:47

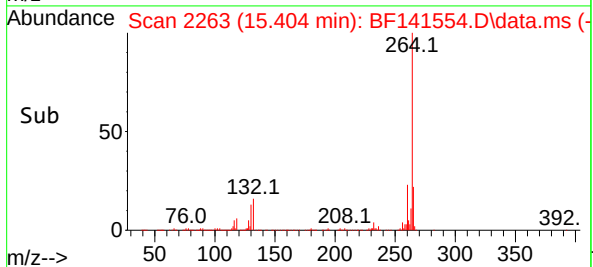
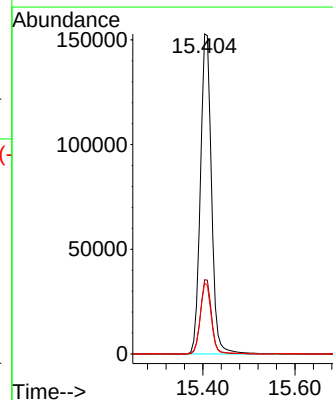
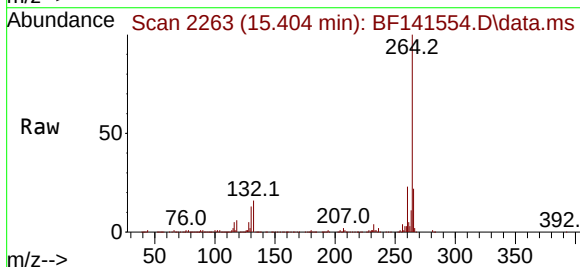
Tgt Ion:264 Resp: 255232

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 22.2 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	560	566	586	rBV	2220701	3075514	69.42%	12.819%
2	6.428	731	737	760	rBV	2206014	3146449	71.02%	13.115%
3	6.787	793	798	809	rBV	478492	592300	13.37%	2.469%
4	7.351	887	894	908	rBV	1451066	2109993	47.63%	8.795%
5	8.069	1010	1016	1030	rBV	574342	792587	17.89%	3.304%
6	9.145	1192	1199	1204	rBV	2862094	3882071	87.62%	16.181%
7	9.822	1307	1314	1328	rBV	710581	924672	20.87%	3.854%
8	10.616	1442	1449	1470	rBV	1829895	2501103	56.45%	10.425%
9	11.310	1561	1567	1575	rBV	752347	982427	22.17%	4.095%
10	12.898	1831	1837	1842	rBV	3224857	4430401	100.00%	18.466%
11	13.951	2010	2016	2030	rVB	652710	870531	19.65%	3.628%
12	15.404	2257	2263	2276	rBV	414814	683632	15.43%	2.849%

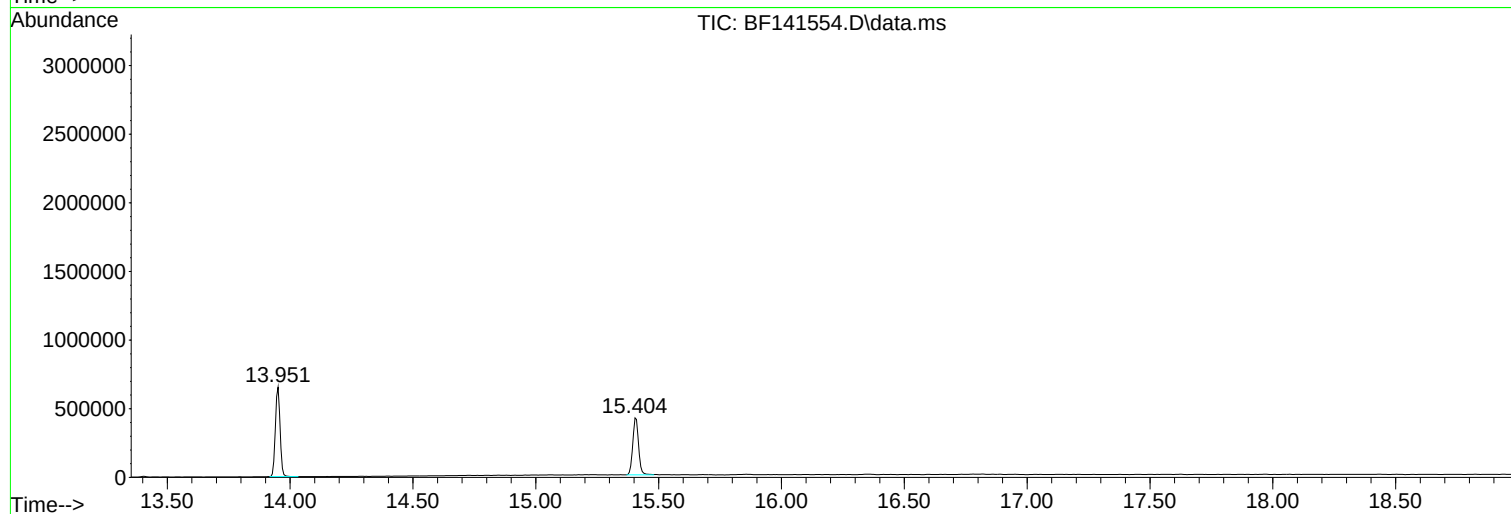
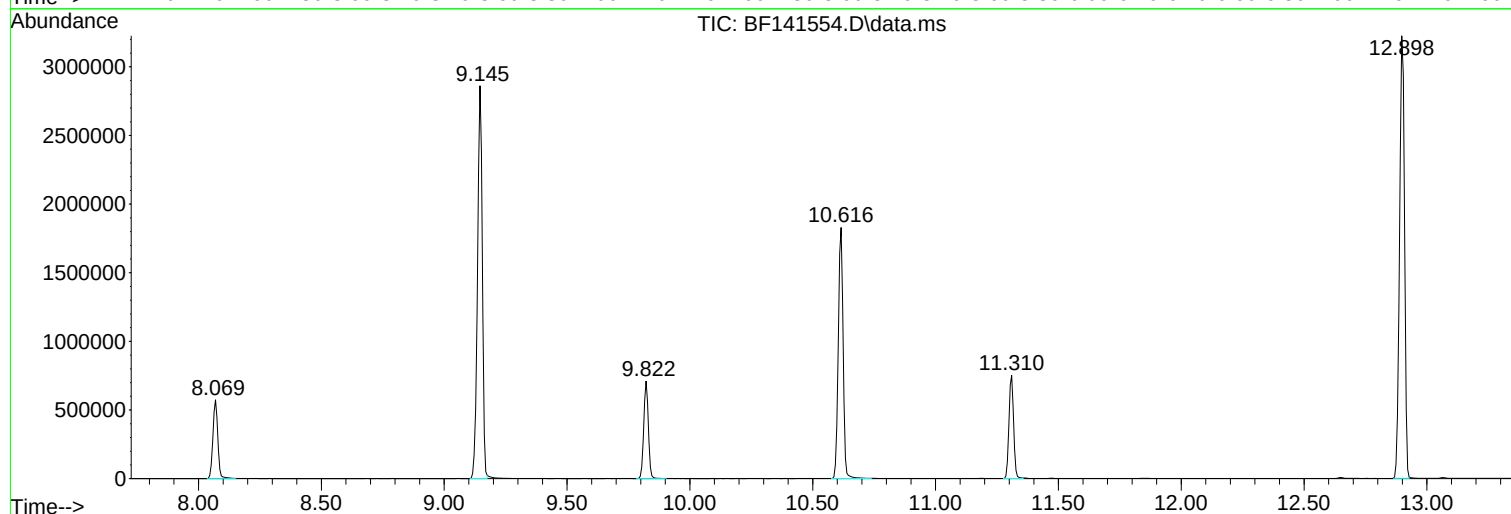
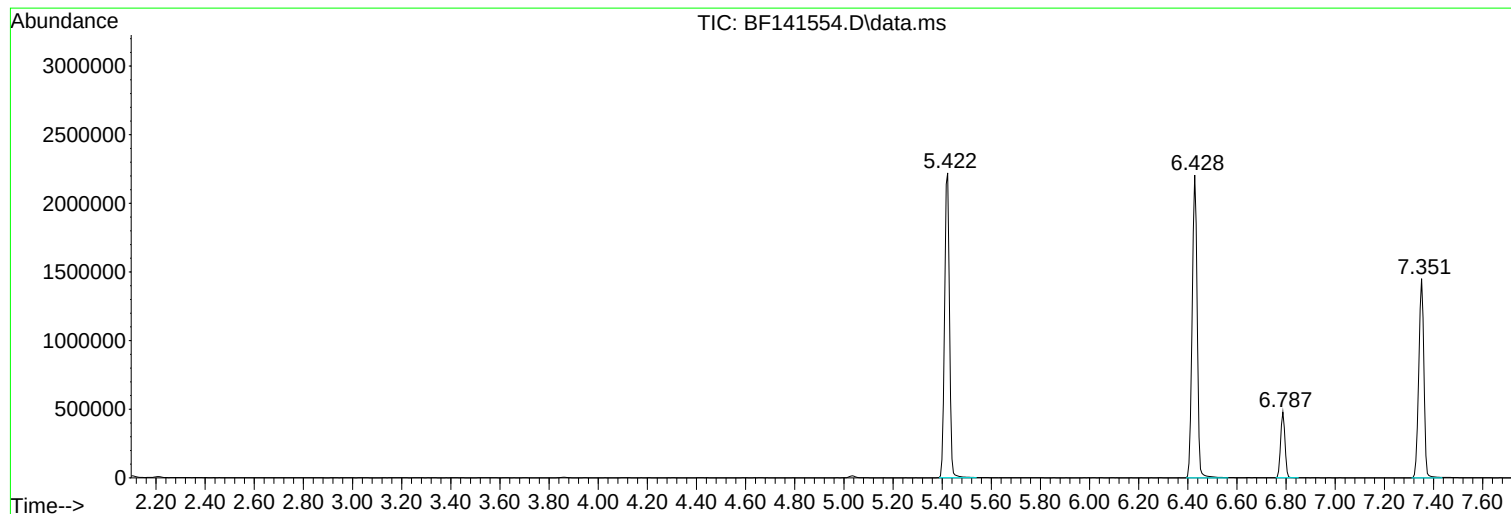
Sum of corrected areas: 23991680

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141554.D
Acq On : 11 Feb 2025 11:47
Operator : RC/JU
Sample : PB166641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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	#	RT	Resp	Conc

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BS	SDG No.:	Q1331
Lab Sample ID:	PB166641BS	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
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	41.1		4.00	10.0	ug/L
108-95-2	Phenol	42.2		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	43.3		0.71	5.00	ug/L
95-48-7	2-Methylphenol	43.9		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.8		1.40	5.00	ug/L
98-86-2	Acetophenone	46.2		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.8		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.50	2.50	ug/L
67-72-1	Hexachloroethane	43.3		1.00	5.00	ug/L
98-95-3	Nitrobenzene	42.2		1.30	5.00	ug/L
78-59-1	Isophorone	47.0		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	44.0		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	55.2		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.8		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.8		0.88	5.00	ug/L
91-20-3	Naphthalene	41.9		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	24.0		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.0		1.30	5.00	ug/L
105-60-2	Caprolactam	49.6		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.5		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.5		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	43.7		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	41.9		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	46.7		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.0		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	43.3		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	43.3		0.93	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BS	SDG No.:	Q1331
Lab Sample ID:	PB166641BS	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
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	45.1		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.8		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	27.2		1.40	5.00	ug/L
83-32-9	Acenaphthene	42.1		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	96.1	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	90.1	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	41.1		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	44.9		1.50	5.00	ug/L
84-66-2	Diethylphthalate	42.8		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.2		0.98	5.00	ug/L
86-73-7	Fluorene	43.1		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	41.6		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.6		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.5		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.5		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		1.10	5.00	ug/L
1912-24-9	Atrazine	57.6		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	84.9	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	43.7		0.89	5.00	ug/L
120-12-7	Anthracene	45.0		1.10	5.00	ug/L
86-74-8	Carbazole	43.1		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.7		1.50	5.00	ug/L
206-44-0	Fluoranthene	43.4		1.30	5.00	ug/L
129-00-0	Pyrene	44.1		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	48.0		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	29.3		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.5		0.94	5.00	ug/L
218-01-9	Chrysene	42.7		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.4		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.6		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	43.4		1.10	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BS	SDG No.:	Q1331
Lab Sample ID:	PB166641BS	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
BF141555.D	1	02/10/25 08:35	02/11/25 12:13	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	41.0		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.9		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.9		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.8		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.6		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.5		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	39.8		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.4		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		15 (10) - 110 (139)	84%	SPK: 150
13127-88-3	Phenol-d6	125		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.3		30 (49) - 130 (133)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.5		30 (52) - 130 (132)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		15 (44) - 110 (137)	88%	SPK: 150
1718-51-0	Terphenyl-d14	97.3		30 (48) - 130 (125)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	98600	6.787			
1146-65-2	Naphthalene-d8	391000	8.069			
15067-26-2	Acenaphthene-d10	220000	9.828			
1517-22-2	Phenanthrene-d10	383000	11.316			
1719-03-5	Chrysene-d12	259000	13.957			
1520-96-3	Perylene-d12	203000	15.404			

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\BF021125\
 Data File : BF141555.D
 Acq On : 11 Feb 2025 12:13
 Operator : RC/JU
 Sample : PB166641BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 12:40:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98554	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	391258	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	220324	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	382864	20.000	ng	0.00
76) Chrysene-d12	13.957	240	259250	20.000	ng	0.00
86) Perylene-d12	15.404	264	202543	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	791057	125.837	ng	0.01
7) Phenol-d6	6.434	99	993283	125.013	ng	0.00
23) Nitrobenzene-d5	7.357	82	662200	88.277	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	291680	131.788	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1266144	88.537	ng	0.00
79) Terphenyl-d14	12.898	244	1493792	97.272	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	100772	39.829	ng	99
3) Pyridine	3.316	79	242963	40.354	ng	98
4) n-Nitrosodimethylamine	3.269	42	162958	40.876	ng	98
6) Aniline	6.451	93	286812	38.482	ng	88
8) 2-Chlorophenol	6.575	128	294241	43.318	ng	98
9) Benzaldehyde	6.340	77	173724	41.145	ng	99
10) Phenol	6.445	94	348685	42.164	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	264747	42.623	ng	100
12) 1,3-Dichlorobenzene	6.728	146	301623	42.061	ng	99
13) 1,4-Dichlorobenzene	6.804	146	310923	42.436	ng	99
14) 1,2-Dichlorobenzene	6.957	146	295105	43.397	ng	99
15) Benzyl Alcohol	6.934	79	258049	42.352	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	455151	42.806	ng	79
17) 2-Methylphenol	7.051	107	233550	43.936	ng	98
18) Hexachloroethane	7.298	117	117449	43.314	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	204888	43.110	ng	100
20) 3+4-Methylphenols	7.204	107	295706	43.773	ng	99
22) Acetophenone	7.198	105	449779	46.213	ng	# 98
24) Nitrobenzene	7.375	77	308363	42.156	ng	100
25) Isophorone	7.616	82	561611	46.955	ng	98
26) 2-Nitrophenol	7.686	139	160199	44.020	ng	97
27) 2,4-Dimethylphenol	7.728	122	234630	55.189	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	335627	43.791	ng	99
29) 2,4-Dichlorophenol	7.934	162	251335	43.754	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	264468	42.279	ng	100
31) Naphthalene	8.092	128	854031	41.933	ng	100
32) Benzoic acid	7.869	122	189911	43.005	ng	99
33) 4-Chloroaniline	8.145	127	170881	24.032	ng	97
34) Hexachlorobutadiene	8.210	225	165112	43.968	ng	99
35) Caprolactam	8.522	113	86733m	49.591	ng	
36) 4-Chloro-3-methylphenol	8.633	107	276514	43.457	ng	99
37) 2-Methylnaphthalene	8.786	142	549494	41.461	ng	99
38) 1-Methylnaphthalene	8.881	142	534725	41.658	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	296238	46.474	ng	99
41) Hexachlorocyclopentadiene	8.939	237	323436	152.555	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	180200	43.740	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141555.D
 Acq On : 11 Feb 2025 12:13
 Operator : RC/JU
 Sample : PB166641BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 12:40:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

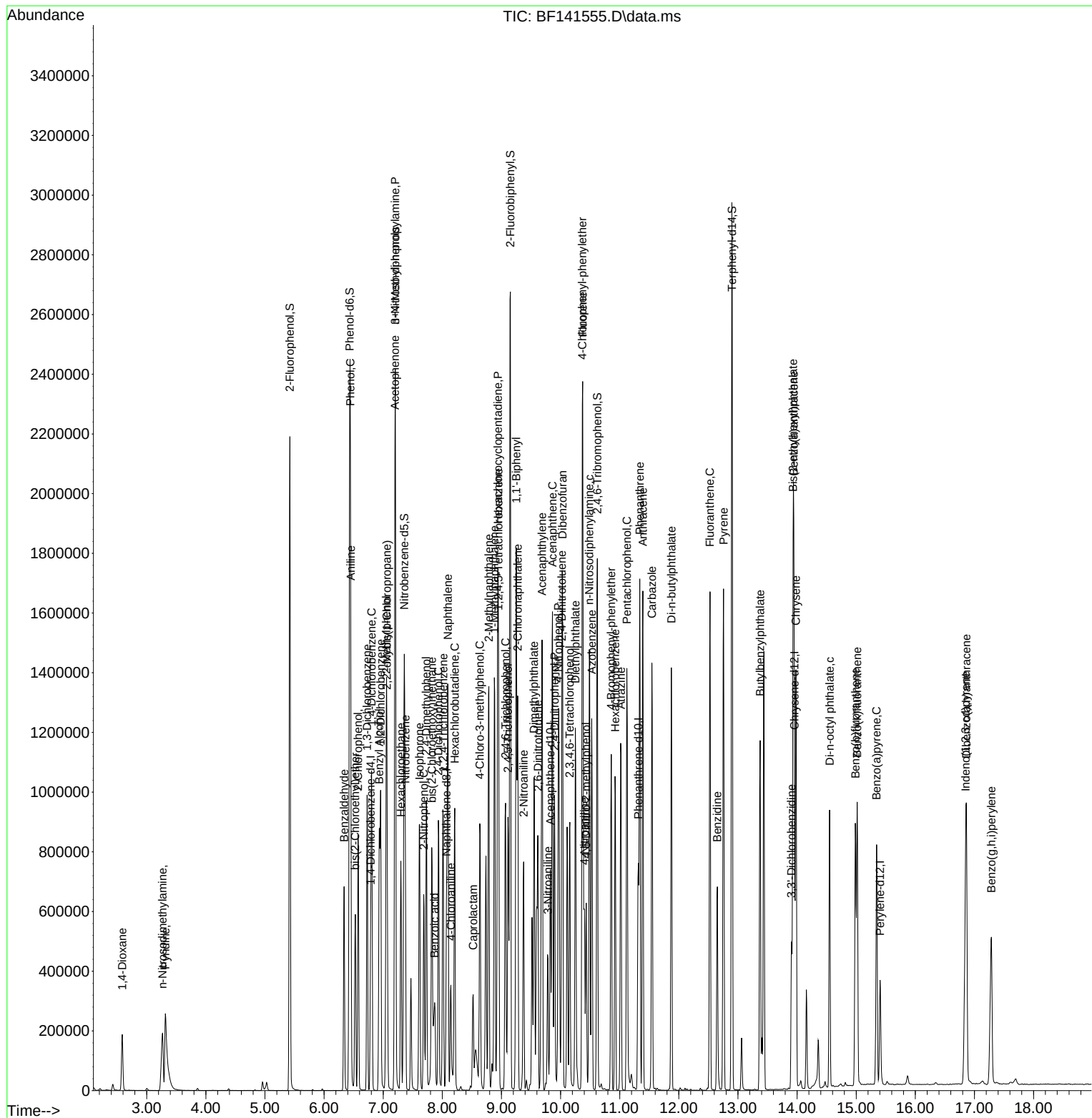
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	187190	41.925	ng	99
46) 1,1'-Biphenyl	9.251	154	798452	46.744	ng	100
47) 2-Chloronaphthalene	9.275	162	543735	43.047	ng	99
48) 2-Nitroaniline	9.375	65	183710	43.338	ng	98
49) Acenaphthylene	9.686	152	847399	45.105	ng	99
50) Dimethylphthalate	9.551	163	648306	43.344	ng	99
51) 2,6-Dinitrotoluene	9.616	165	143153	43.781	ng	99
52) Acenaphthene	9.863	154	531720	42.098	ng	99
53) 3-Nitroaniline	9.786	138	95888	27.247	ng	98
54) 2,4-Dinitrophenol	9.898	184	186814	96.132	ng	95
55) Dibenzofuran	10.033	168	762826	41.146	ng	100
56) 4-Nitrophenol	9.963	139	235458	90.129	ng	97
57) 2,4-Dinitrotoluene	10.022	165	195342	44.877	ng	99
58) Fluorene	10.375	166	617507	43.078	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	166933	43.427	ng	96
60) Diethylphthalate	10.251	149	630385	42.836	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	297608	43.155	ng	98
62) 4-Nitroaniline	10.404	138	148745	41.625	ng	98
63) Azobenzene	10.527	77	613471	41.933	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	118527	44.566	ng	94
66) n-Nitrosodiphenylamine	10.486	169	533140	43.501	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	185946	43.455	ng	97
68) Hexachlorobenzene	10.922	284	195967	44.475	ng	97
69) Atrazine	11.022	200	211913	57.636	ng	99
70) Pentachlorophenol	11.122	266	239236	84.913	ng	99
71) Phenanthrene	11.339	178	920349	43.670	ng	100
72) Anthracene	11.392	178	953911	45.027	ng	100
73) Carbazole	11.545	167	820868	43.062	ng	100
74) Di-n-butylphthalate	11.874	149	984268	44.718	ng	100
75) Fluoranthene	12.527	202	969771	43.403	ng	99
77) Benzidine	12.651	184	375352	65.649	ng	99
78) Pyrene	12.757	202	973088	44.093	ng	100
80) Butylbenzylphthalate	13.374	149	366834	47.989	ng	99
81) Benzo(a)anthracene	13.945	228	750425	43.545	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	144570	29.286	ng	100
83) Chrysene	13.980	228	679672	42.714	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	443280	51.416	ng	100
85) Di-n-octyl phthalate	14.551	149	598210	48.638	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	587411	46.937	ng	99
88) Benzo(b)fluoranthene	14.986	252	589857	43.373	ng	99
89) Benzo(k)fluoranthene	15.015	252	476256	41.011	ng	99
90) Benzo(a)pyrene	15.345	252	494581	44.944	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	474734	46.815	ng	99
92) Benzo(g,h,i)perylene	17.286	276	462433	43.577	ng	99

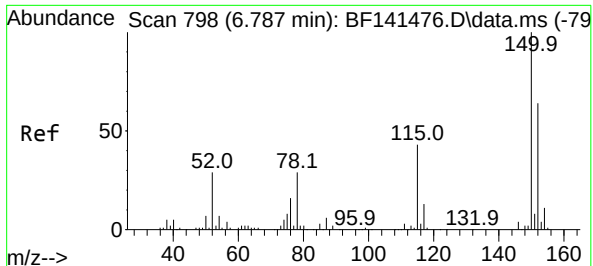
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Manual Integrations APPROVED

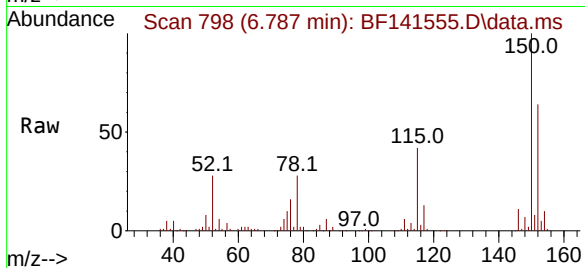
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

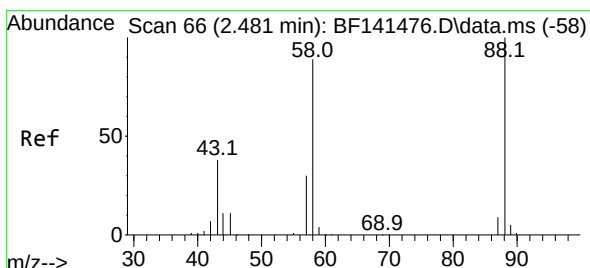
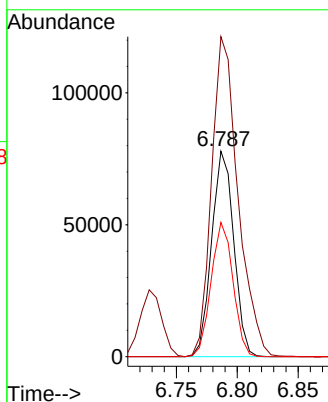
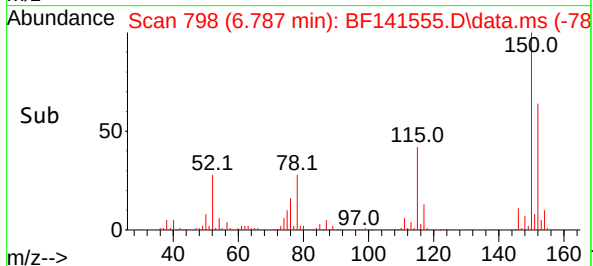
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:152 Resp: 98554
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.4
115 65.3 53.6 80.4

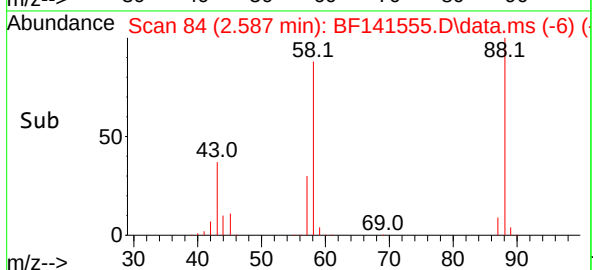
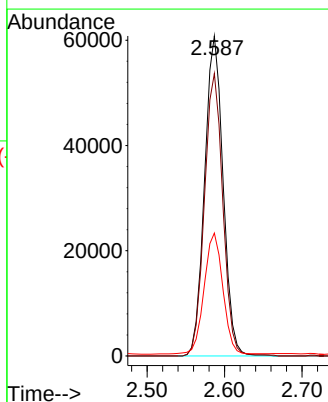
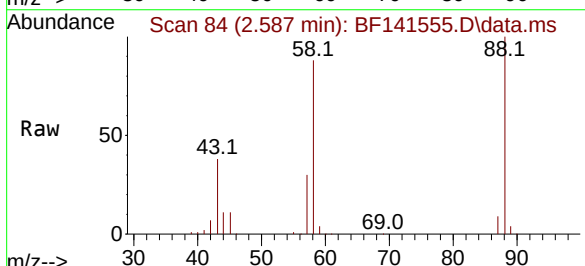
Manual Integrations
APPROVED

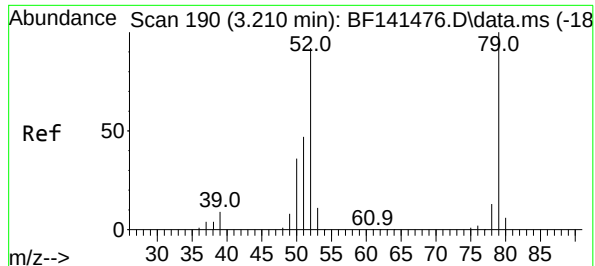
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#2
1,4-Dioxane
Concen: 39.829 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.106 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 88 Resp: 100772
Ion Ratio Lower Upper
88 100
58 87.8 71.1 106.7
43 38.5 30.6 46.0





#3

Pyridine

Concen: 40.354 ng

RT: 3.316 min Scan# 20

Delta R.T. 0.100 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion: 79 Resp: 24296

Ion Ratio Lower Upper

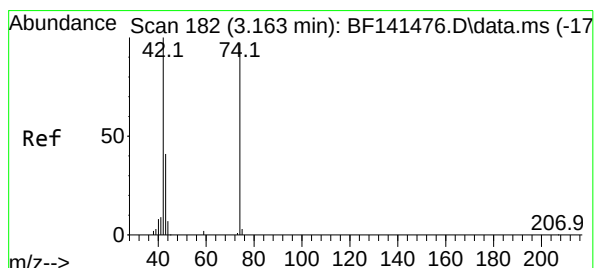
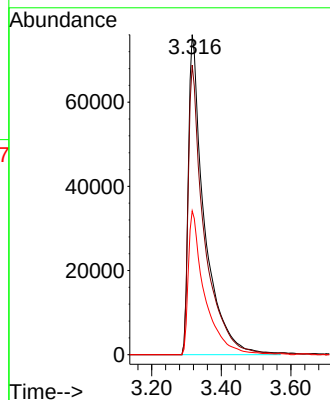
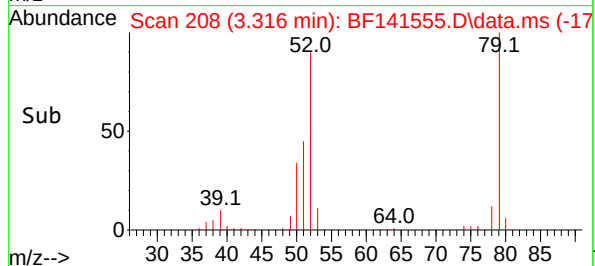
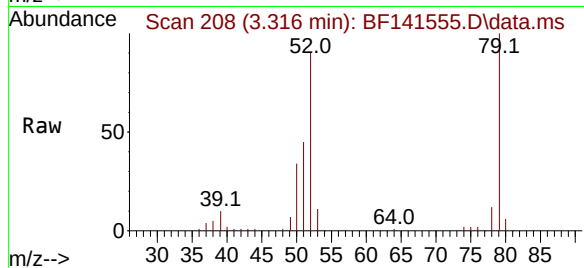
79 100

52 90.5 73.7 110.5

51 44.9 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#4

n-Nitrosodimethylamine

Concen: 40.876 ng

RT: 3.269 min Scan# 200

Delta R.T. 0.082 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

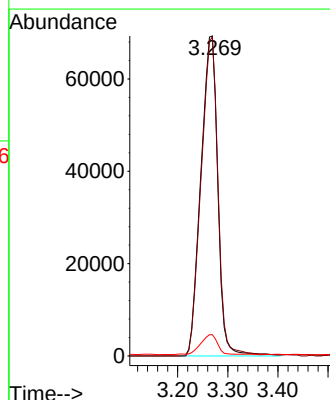
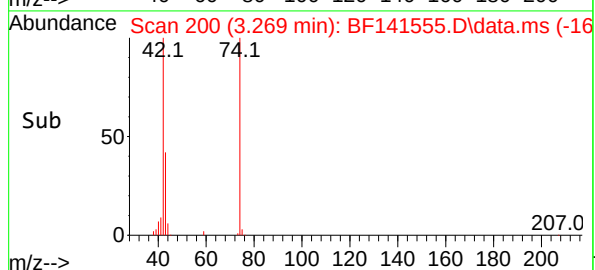
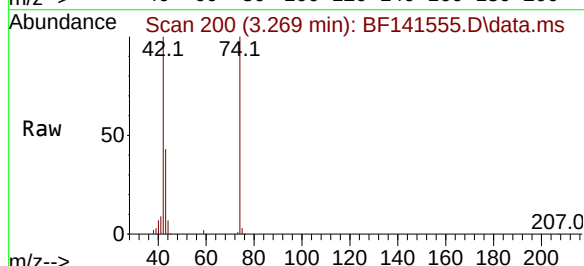
Tgt Ion: 42 Resp: 162958

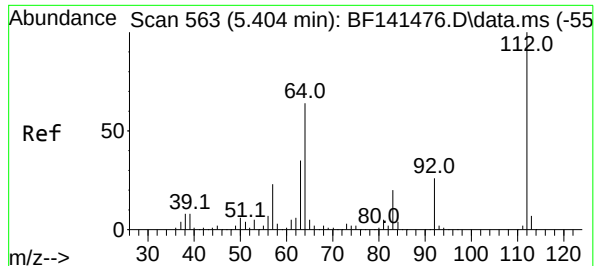
Ion Ratio Lower Upper

42 100

74 99.6 78.0 117.0

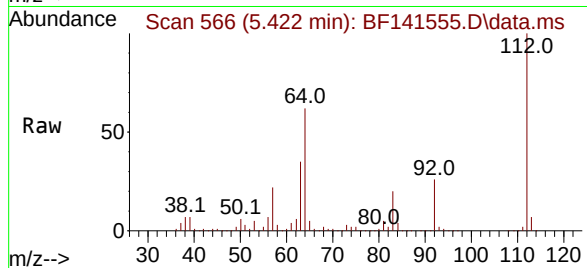
44 6.7 5.4 8.2





#5
2-Fluorophenol
Concen: 125.837 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

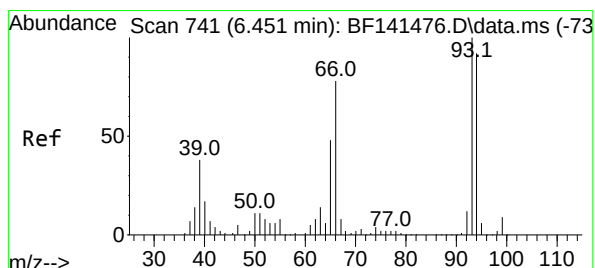
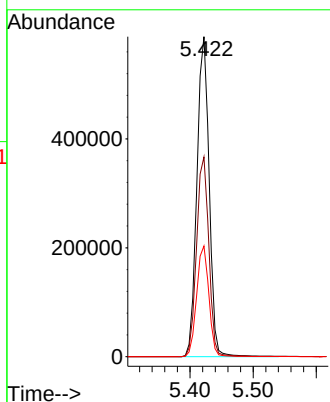
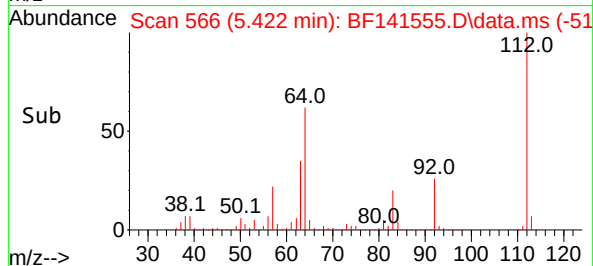
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:112 Resp: 79105
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 34.6 28.4 42.6

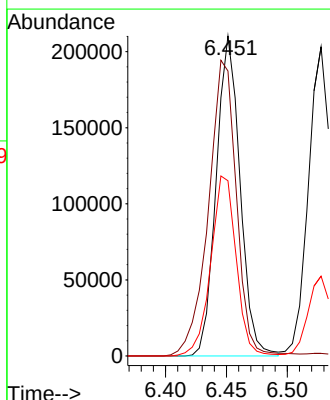
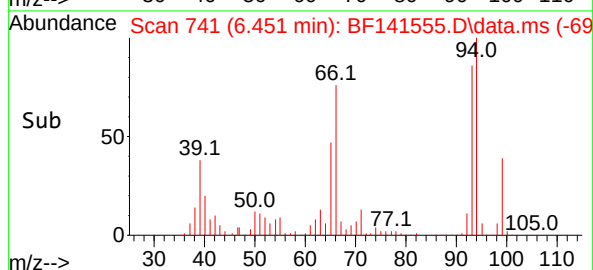
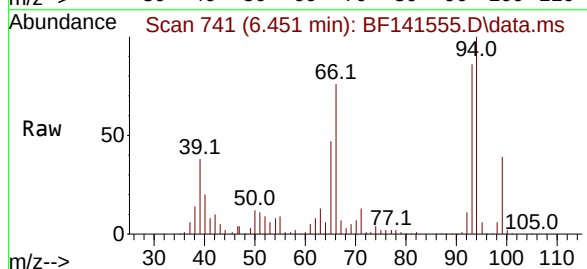
Manual Integrations
APPROVED

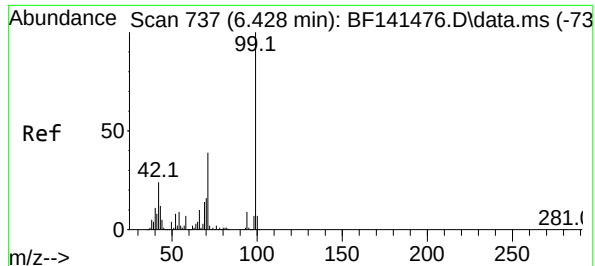
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#6
Aniline
Concen: 38.482 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

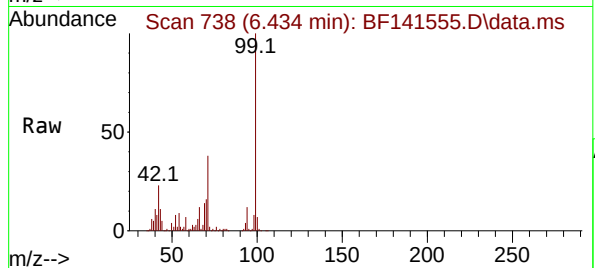
Tgt Ion: 93 Resp: 286812
Ion Ratio Lower Upper
93 100
66 89.1 62.6 94.0
65 54.8 38.3 57.5





#7
Phenol-d6
Concen: 125.013 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

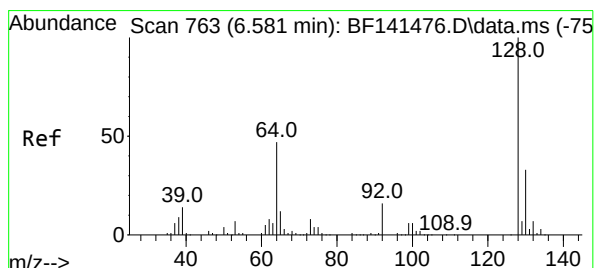
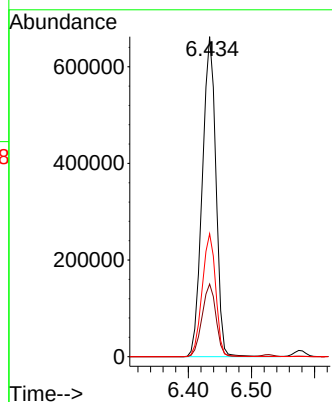
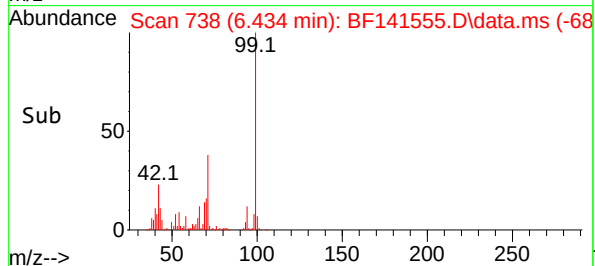
Instrument :
BNA_F
ClientSampleId :
PB166641BS



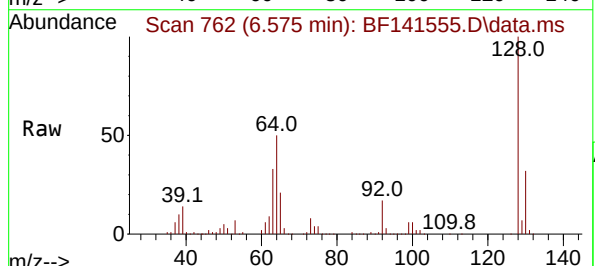
Tgt Ion: 99 Resp: 99328
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 38.4 31.1 46.7

Manual Integrations
APPROVED

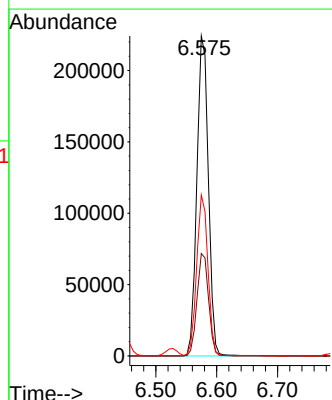
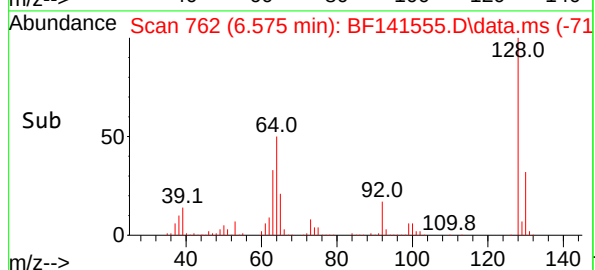
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

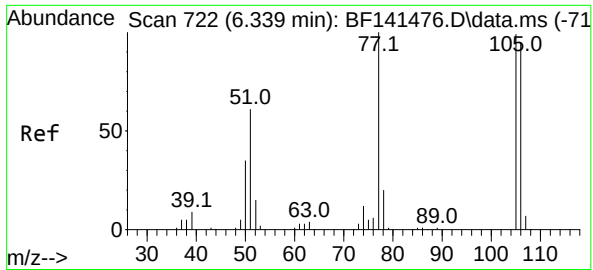


#8
2-Chlorophenol
Concen: 43.318 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



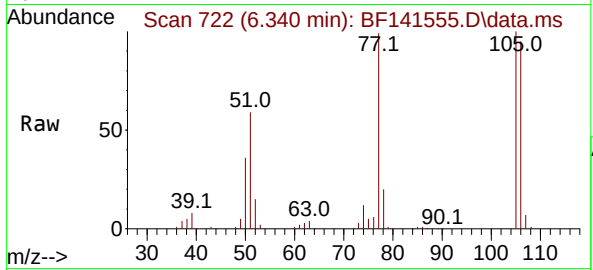
Tgt Ion:128 Resp: 294241
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 50.3 28.3 68.3





#9
Benzaldehyde
Concen: 41.145 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

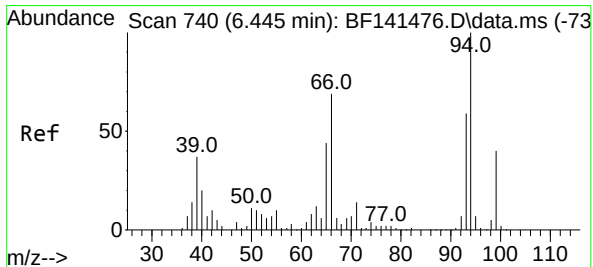
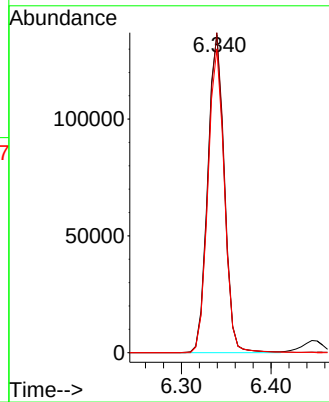
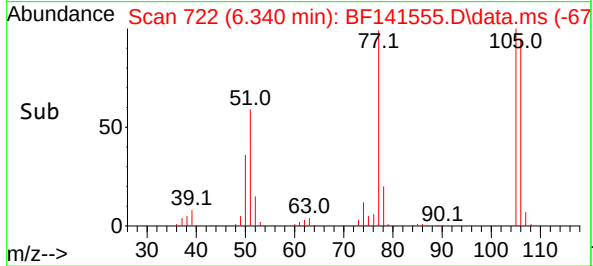
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion: 77 Resp: 173724
Ion Ratio Lower Upper
77 100
105 100.7 79.4 119.4
106 95.6 75.1 115.1

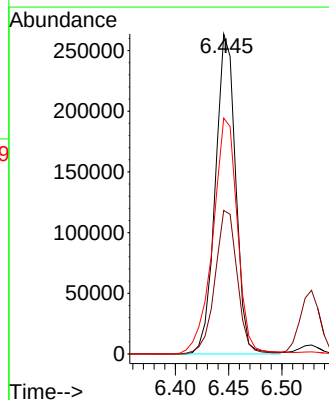
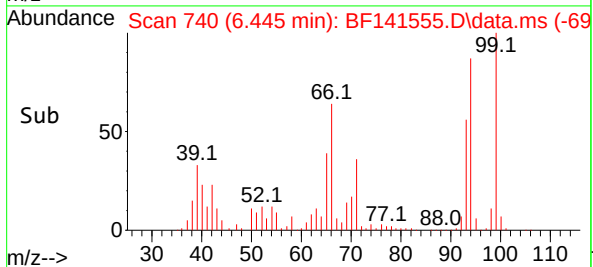
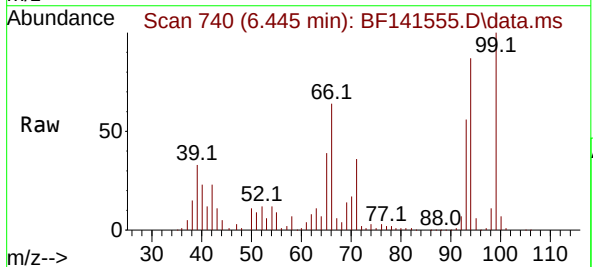
Manual Integrations
APPROVED

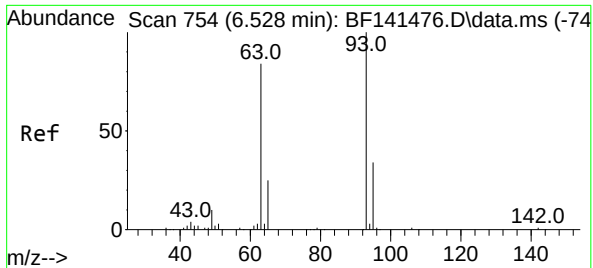
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#10
Phenol
Concen: 42.164 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion: 94 Resp: 348685
Ion Ratio Lower Upper
94 100
65 44.9 23.7 63.7
66 73.7 49.3 89.3





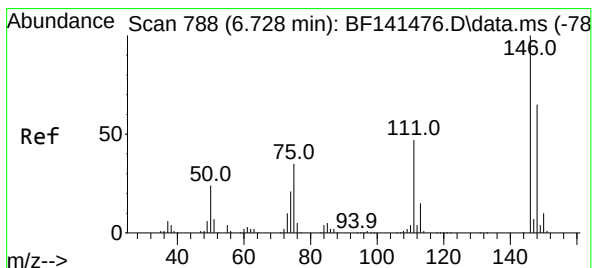
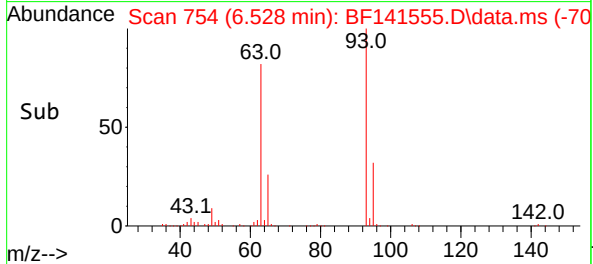
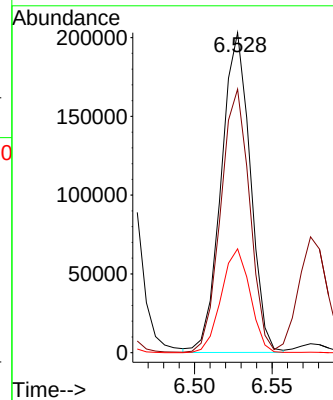
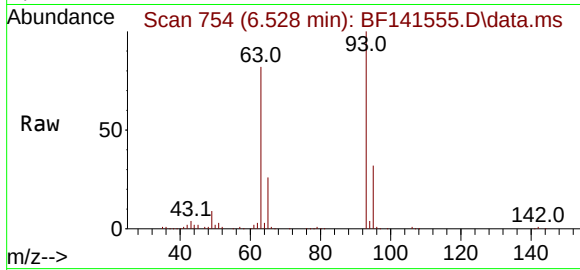
#11
bis(2-Chloroethyl)ether
Concen: 42.623 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion: 93 Resp: 26474
Ion Ratio Lower Upper
93 100
63 82.4 62.0 102.0
95 32.5 12.6 52.6

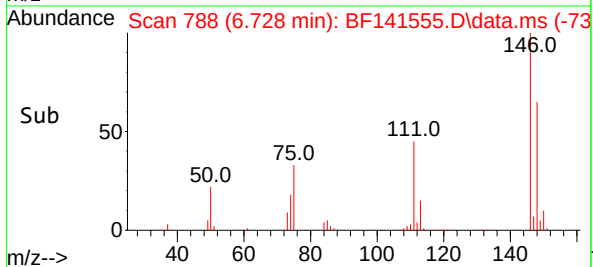
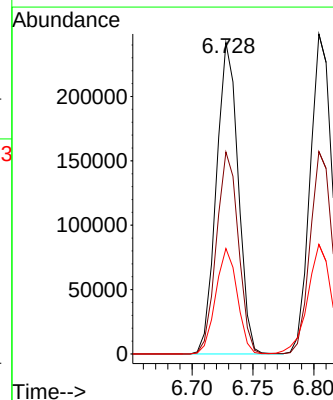
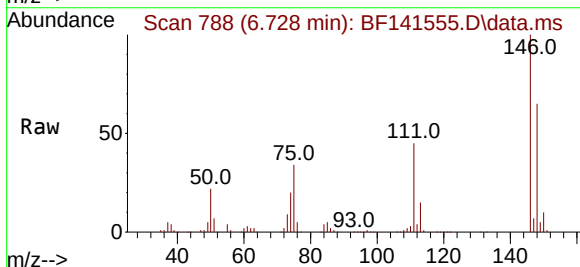
Manual Integrations
APPROVED

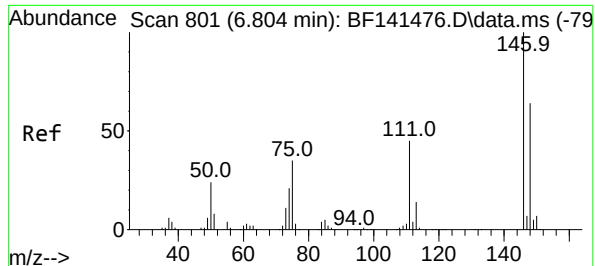
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 42.061 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:146 Resp: 301623
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 33.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.436 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:146 Resp: 31092

Ion Ratio Lower Upper

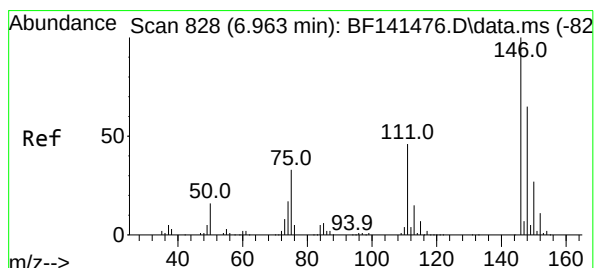
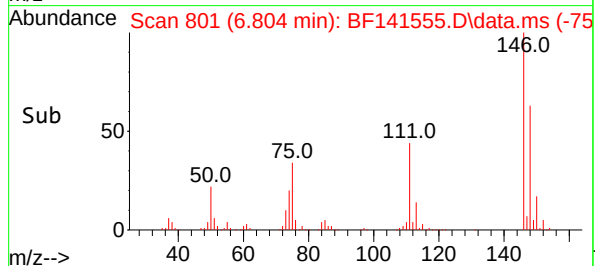
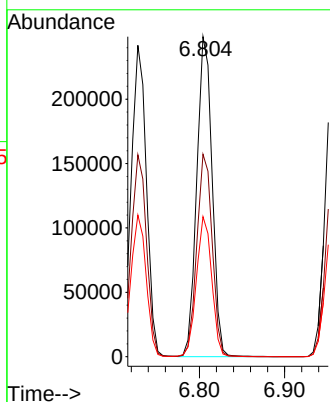
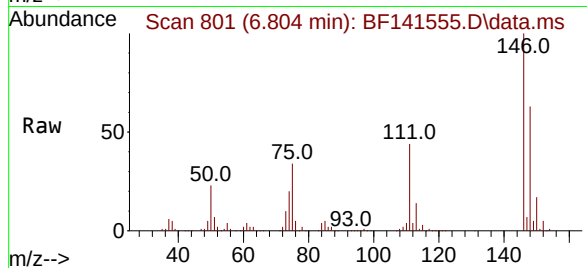
146 100

148 63.3 50.9 76.3

111 43.7 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#14

1,2-Dichlorobenzene

Concen: 43.397 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

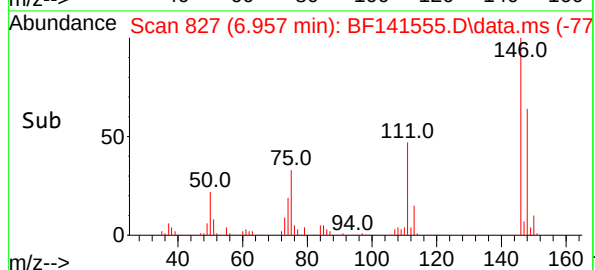
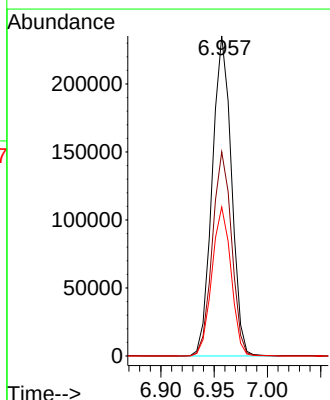
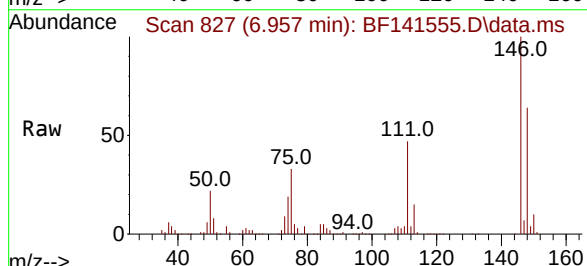
Tgt Ion:146 Resp: 295105

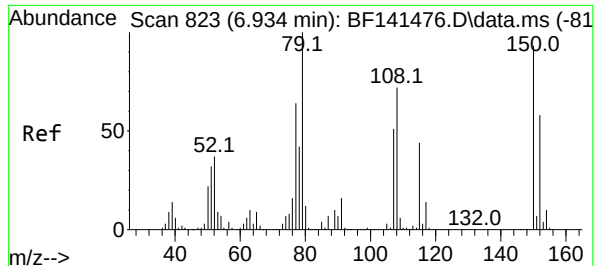
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

111 46.5 37.0 55.4





#15

Benzyl Alcohol

Concen: 42.352 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion: 79 Resp: 258049

Ion Ratio Lower Upper

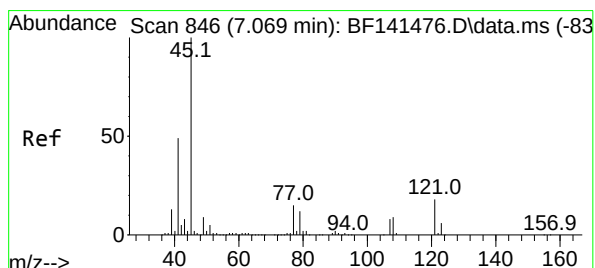
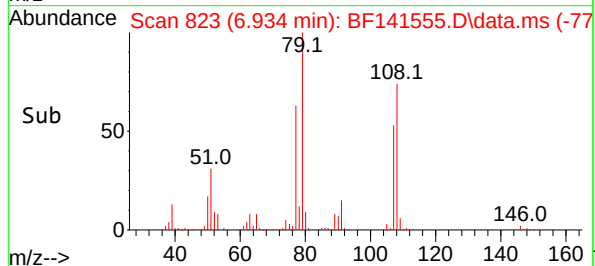
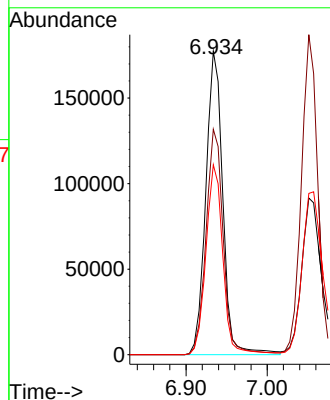
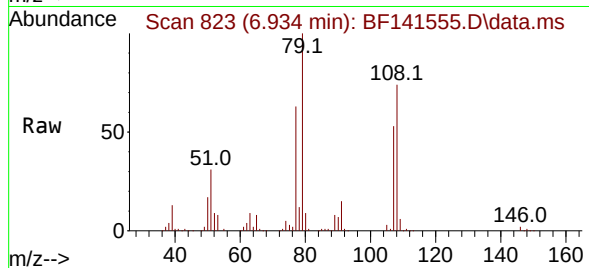
79 100

108 74.3 57.4 86.2

77 62.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.806 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

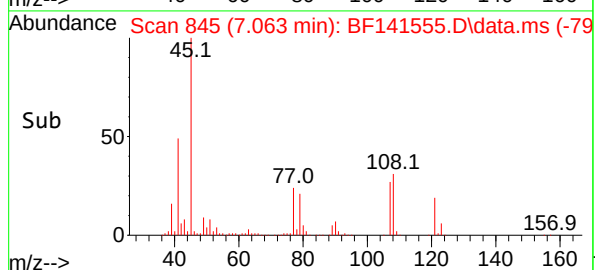
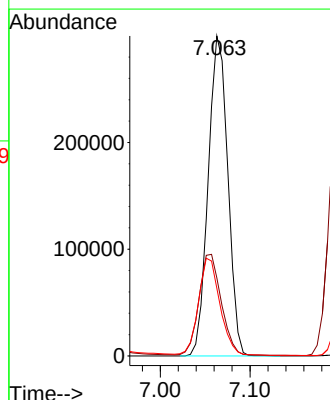
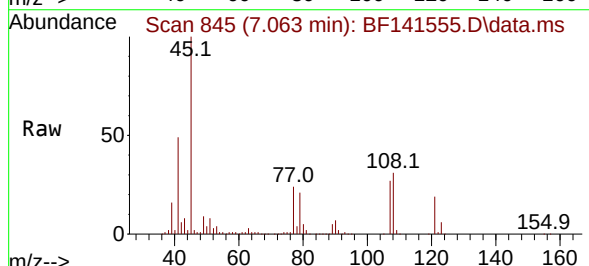
Tgt Ion: 45 Resp: 455151

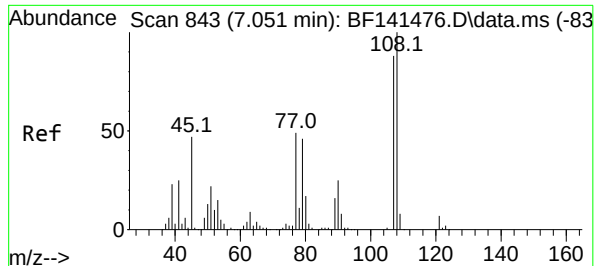
Ion Ratio Lower Upper

45 100

77 24.4 0.0 35.8

79 21.1 0.0 32.7





#17

2-Methylphenol

Concen: 43.936 ng

RT: 7.051 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:107 Resp: 233550

Ion Ratio Lower Upper

107 100

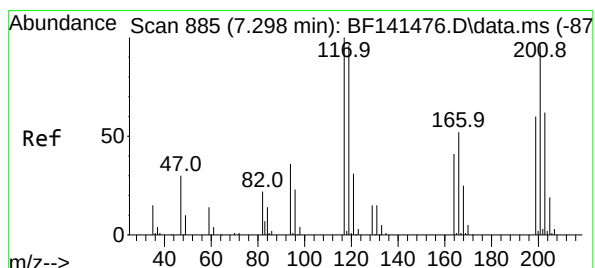
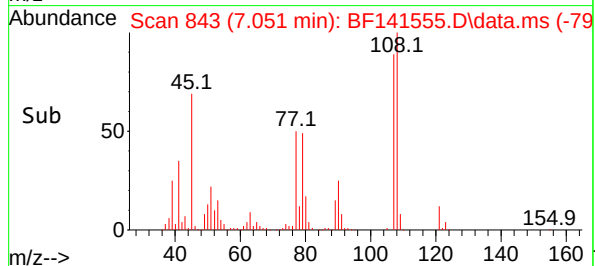
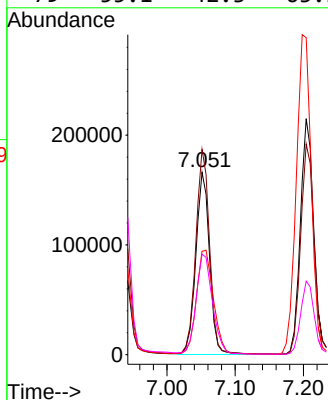
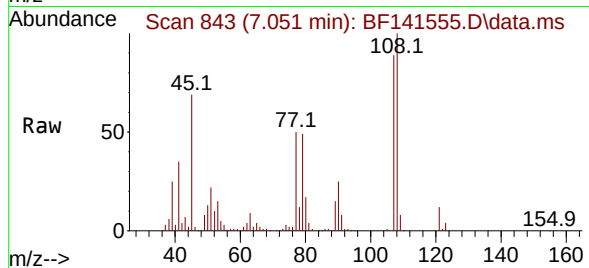
108 112.6 90.6 136.0

77 56.7 44.4 66.6

79 55.1 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#18

Hexachloroethane

Concen: 43.314 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

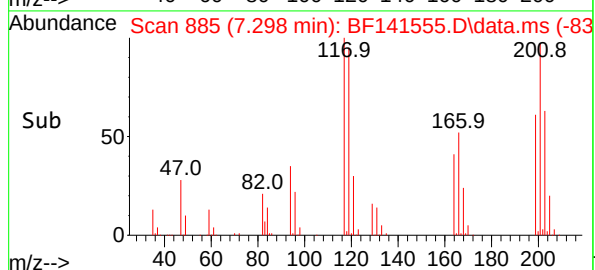
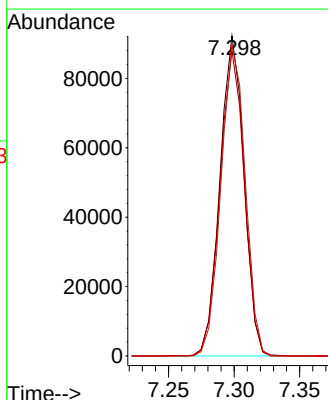
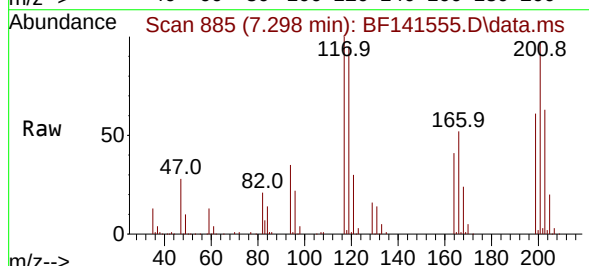
Tgt Ion:117 Resp: 117449

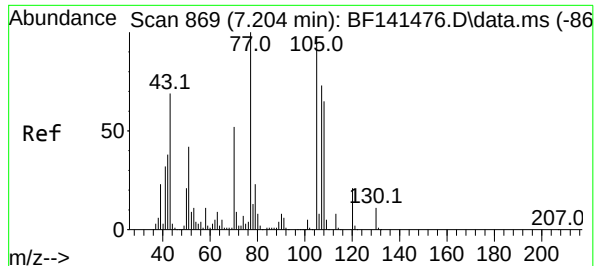
Ion Ratio Lower Upper

117 100

119 95.4 76.5 114.7

201 97.1 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.110 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion: 70 Resp: 20488

Ion Ratio Lower Upper

70 100

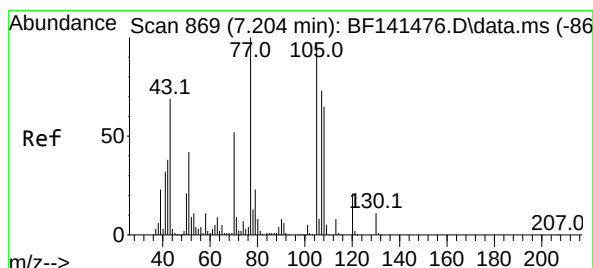
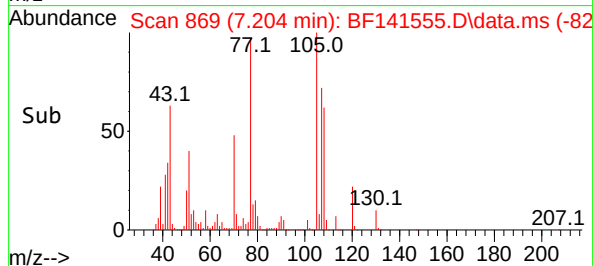
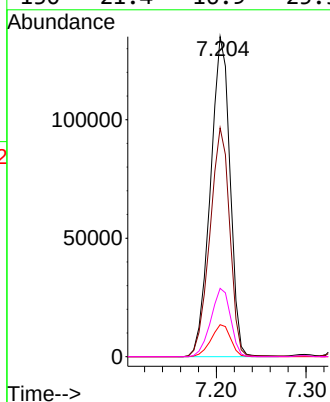
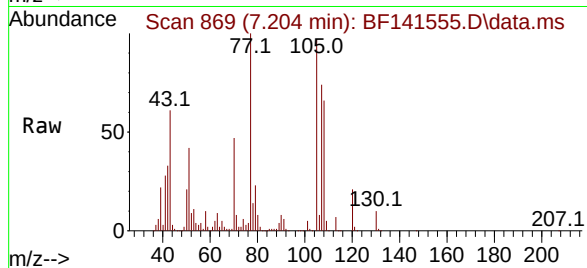
42 71.5 57.4 86.2

101 10.0 8.0 12.0

130 21.4 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#20

3+4-Methylphenols

Concen: 43.773 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Tgt Ion:107 Resp: 295706

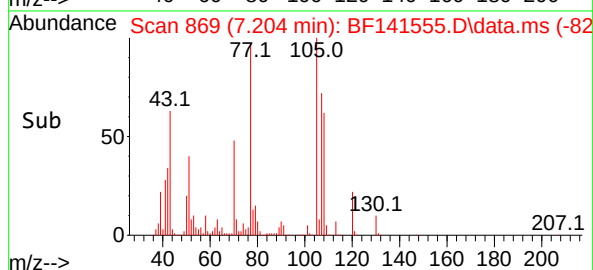
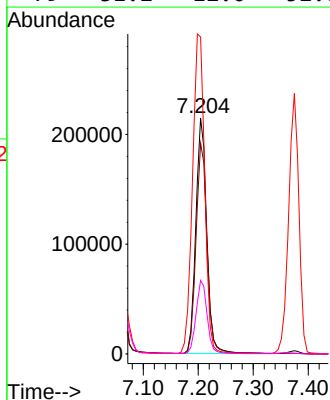
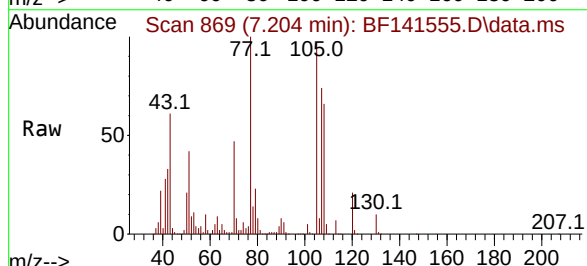
Ion Ratio Lower Upper

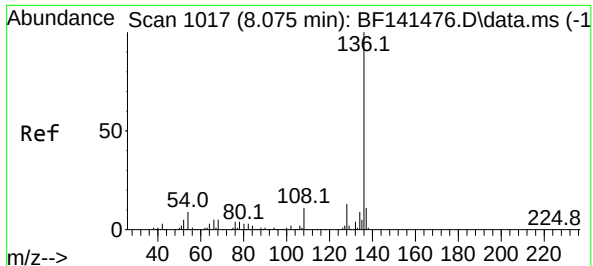
107 100

108 89.3 68.5 108.5

77 134.3 116.5 156.5

79 31.2 12.0 52.0





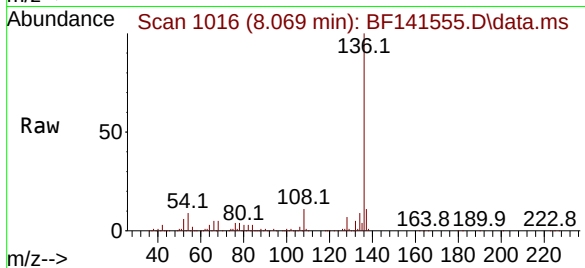
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

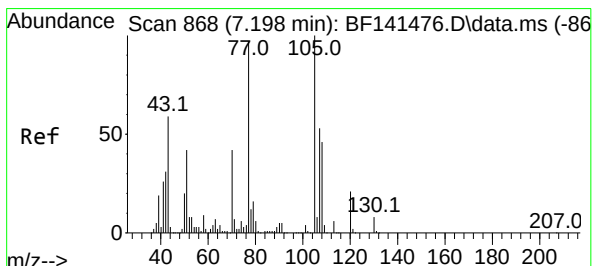
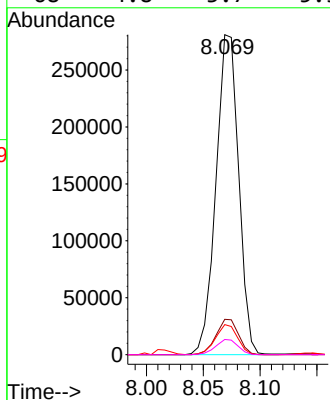
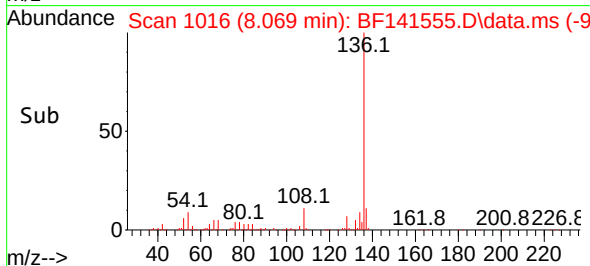


Tgt Ion:136 Resp: 391258
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.4 7.2 10.8
68 4.8 3.7 5.5

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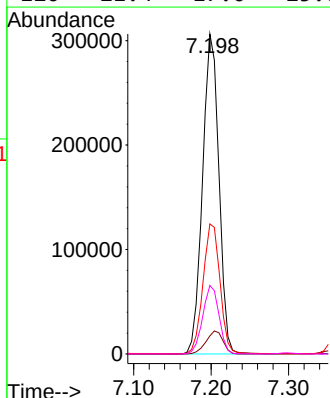
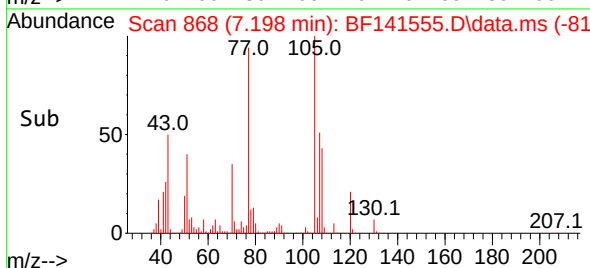
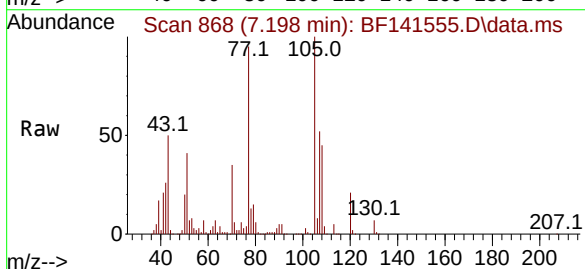
APPROVED

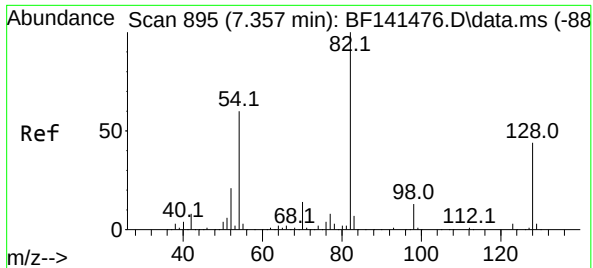
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 46.213 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:105 Resp: 449779
Ion Ratio Lower Upper
105 100
71 5.7 5.7 8.5#
51 40.7 33.7 50.5
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.277 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion: 82 Resp: 662200

Ion Ratio Lower Upper

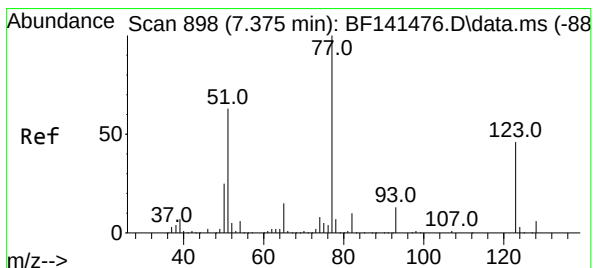
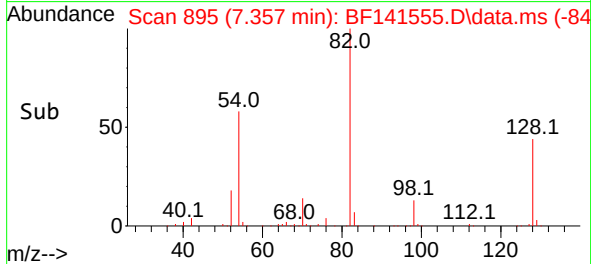
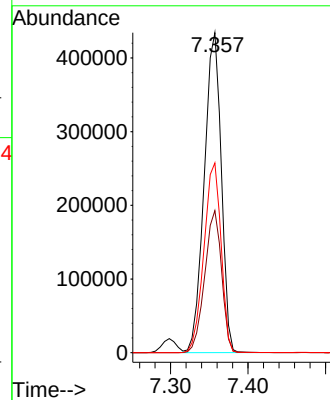
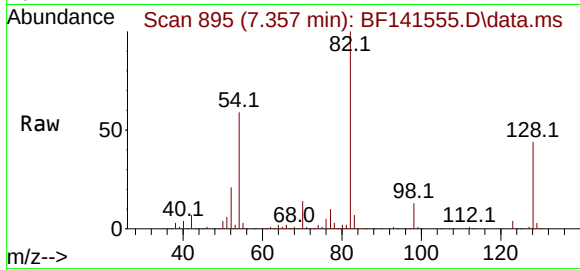
82 100

128 44.4 34.8 52.2

54 59.3 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#24

Nitrobenzene

Concen: 42.156 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

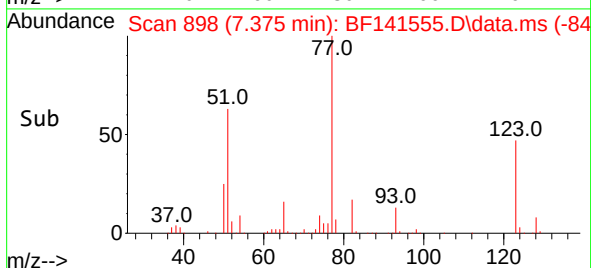
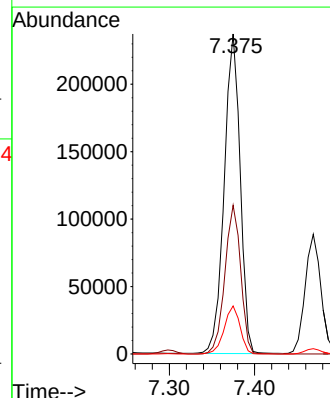
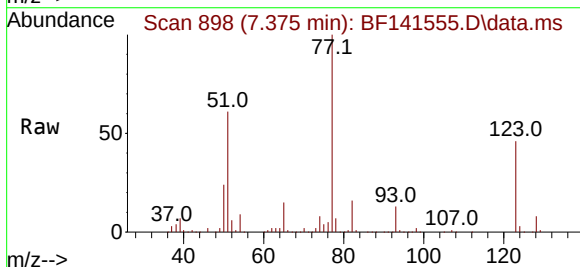
Tgt Ion: 77 Resp: 308363

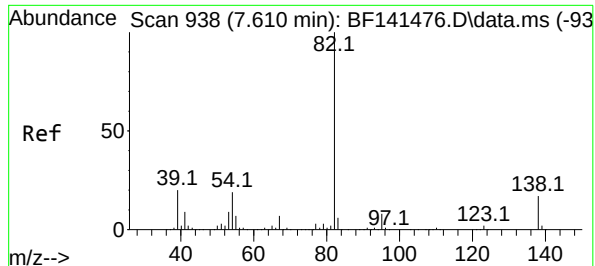
Ion Ratio Lower Upper

77 100

123 46.5 36.9 55.3

65 15.0 11.9 17.9





#25

Isophorone

Concen: 46.955 ng

RT: 7.616 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion: 82 Resp: 56161

Ion Ratio Lower Upper

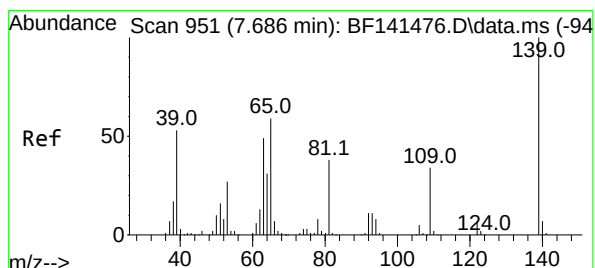
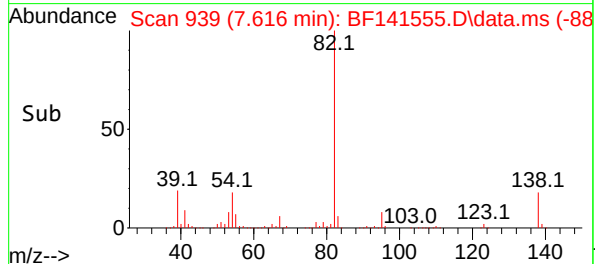
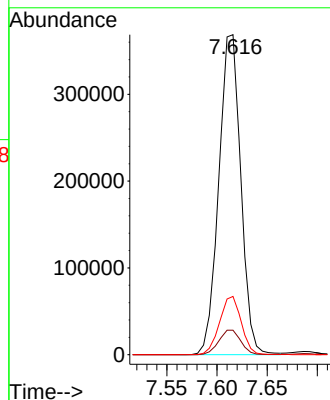
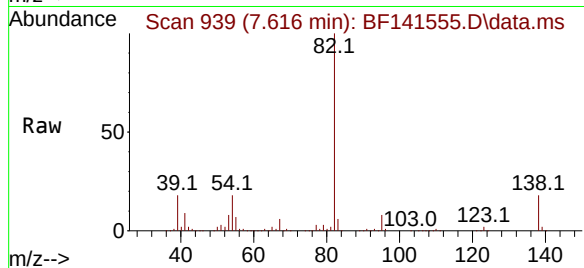
82 100

95 7.6 6.4 9.6

138 18.2 13.9 20.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#26

2-Nitrophenol

Concen: 44.020 ng

RT: 7.686 min Scan# 951

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

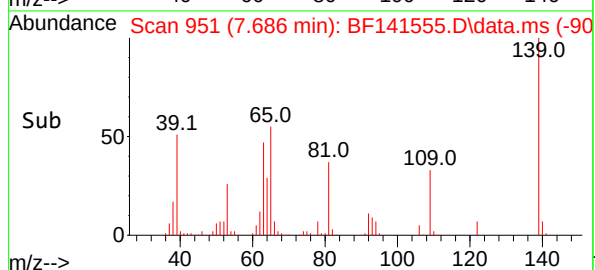
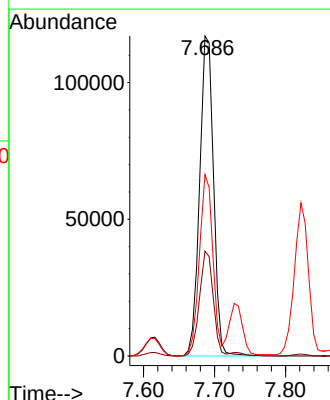
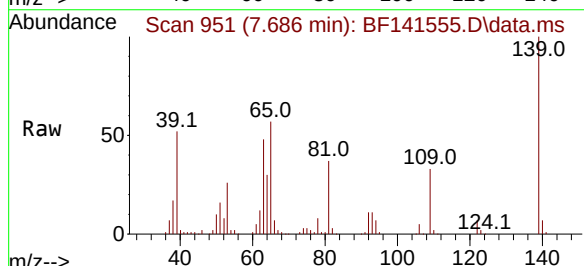
Tgt Ion:139 Resp: 160199

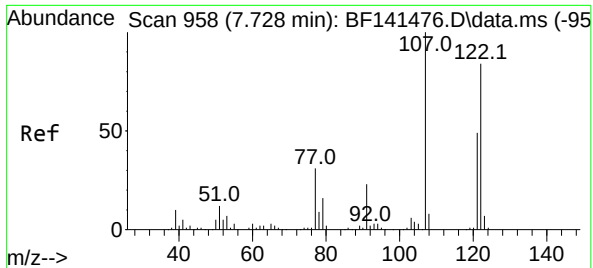
Ion Ratio Lower Upper

139 100

109 32.7 27.0 40.6

65 56.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 55.189 ng

RT: 7.728 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141555.D

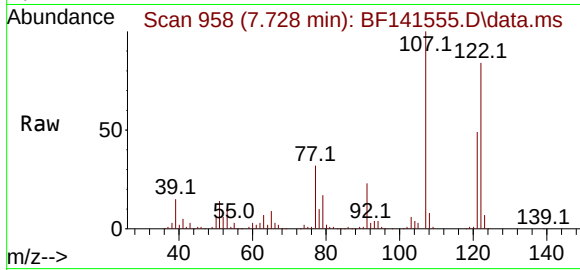
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS



Tgt Ion:122 Resp: 234630

Ion Ratio Lower Upper

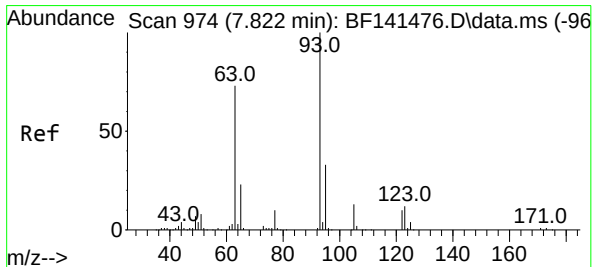
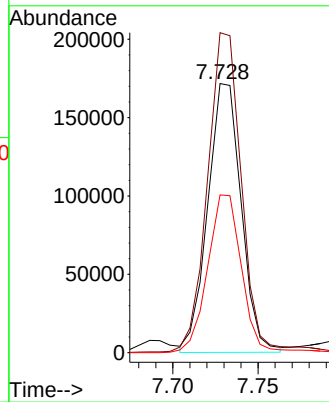
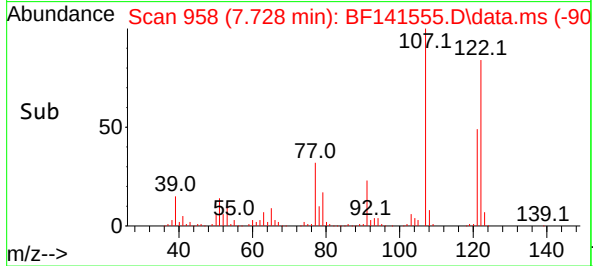
122 100

107 118.9 94.3 141.5

121 58.6 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#28

bis(2-Chloroethoxy)methane

Concen: 43.791 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

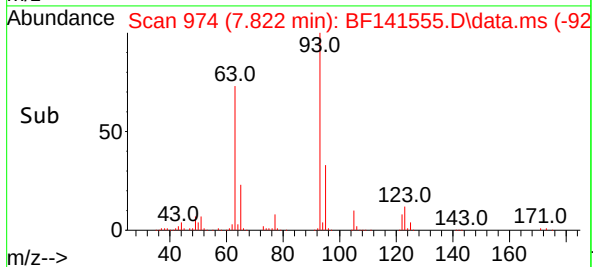
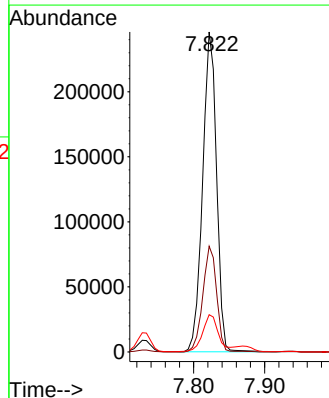
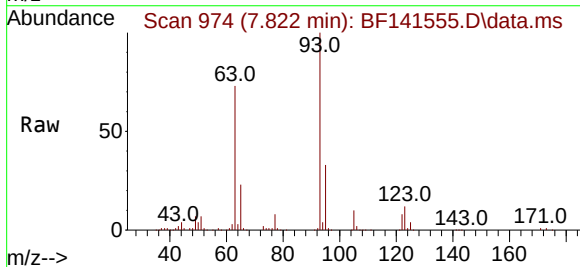
Tgt Ion: 93 Resp: 335627

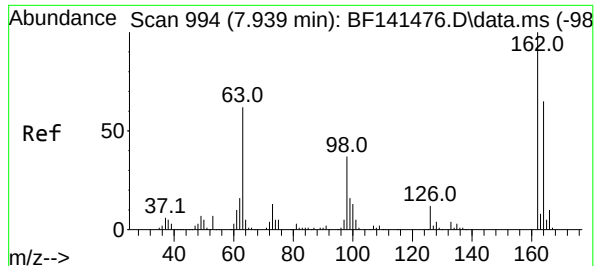
Ion Ratio Lower Upper

93 100

95 33.1 26.1 39.1

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.754 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:162 Resp: 25133

Ion Ratio Lower Upper

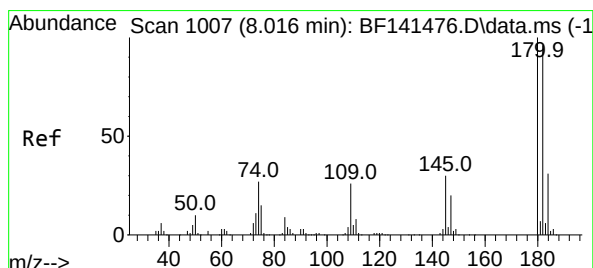
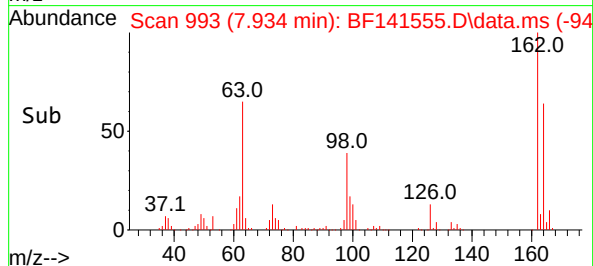
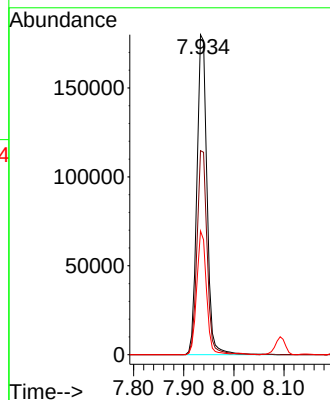
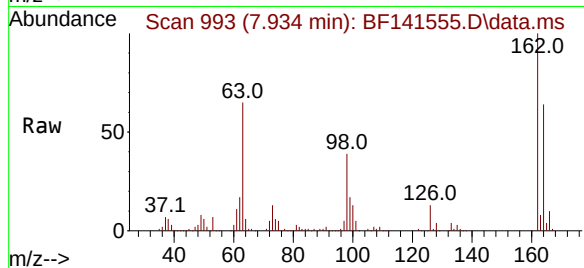
162 100

164 63.7 44.6 84.6

98 38.7 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#30

1,2,4-Trichlorobenzene

Concen: 42.279 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

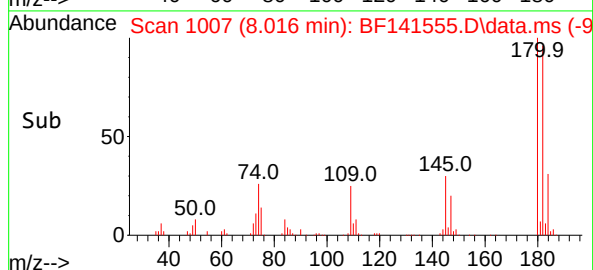
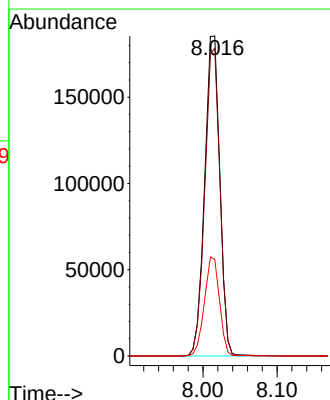
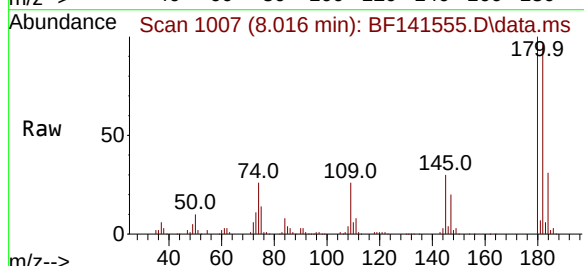
Tgt Ion:180 Resp: 264468

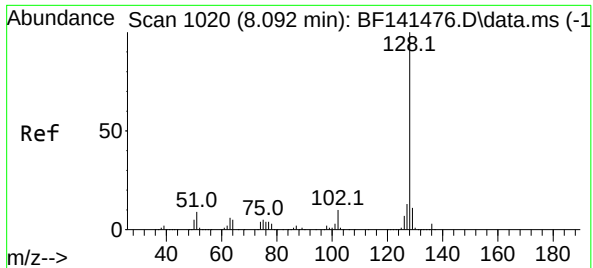
Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

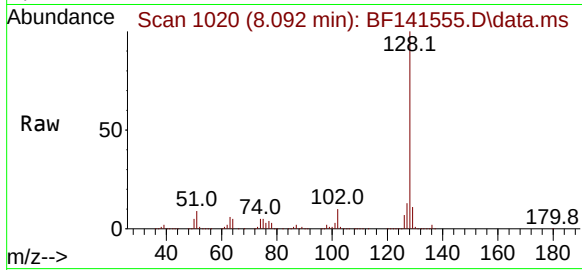
145 30.2 24.2 36.4





#31
Naphthalene
Concen: 41.933 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

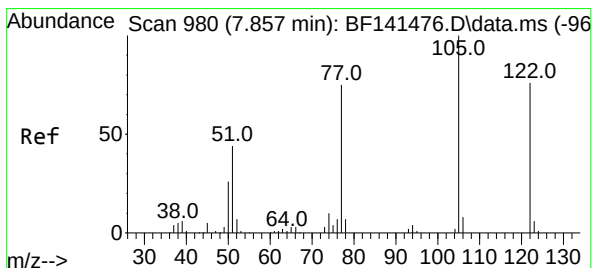
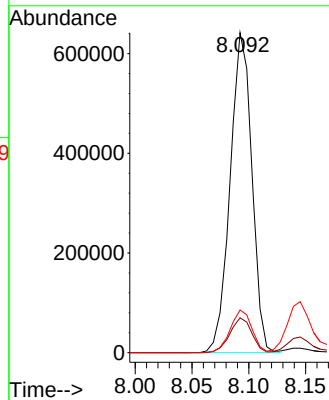
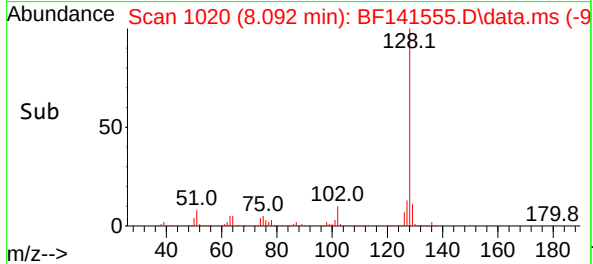
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:128 Resp: 85403
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.7 16.1

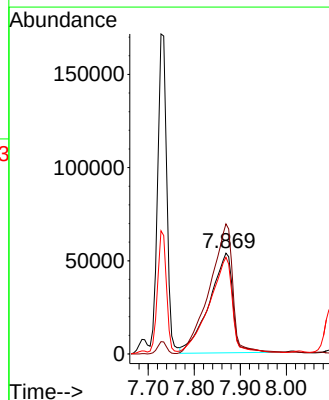
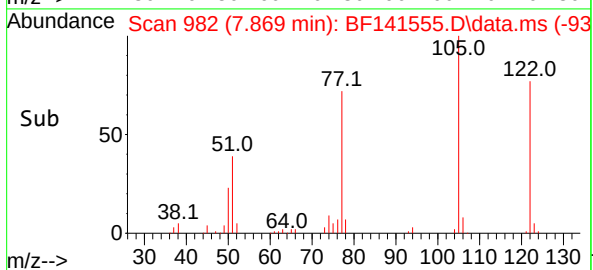
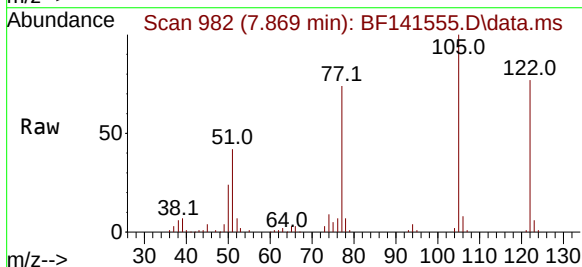
Manual Integrations
APPROVED

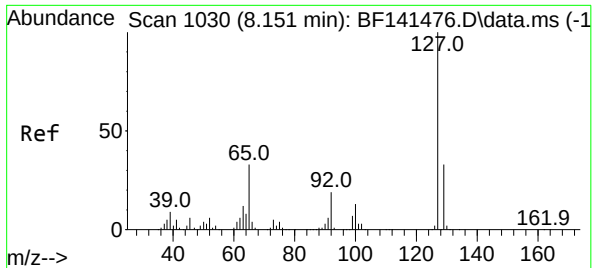
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#32
Benzoic acid
Concen: 43.005 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:122 Resp: 189911
Ion Ratio Lower Upper
122 100
105 129.1 106.5 146.5
77 96.0 76.3 116.3





#33

4-Chloroaniline

Concen: 24.032 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:127 Resp: 17088

Ion Ratio Lower Upper

127 100

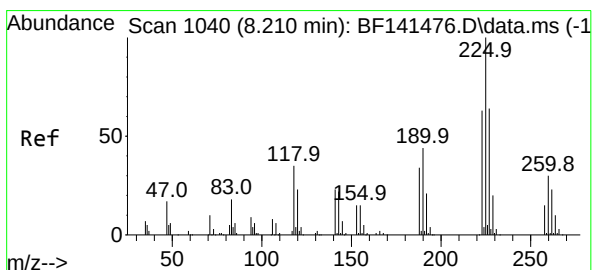
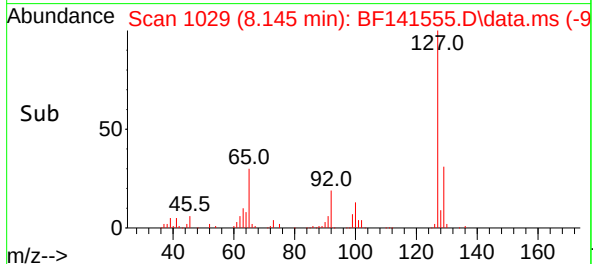
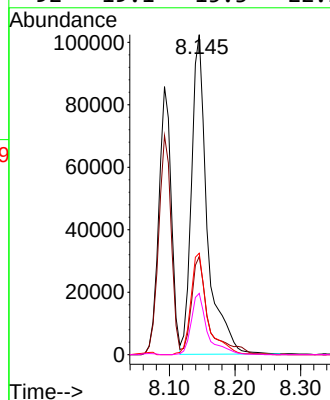
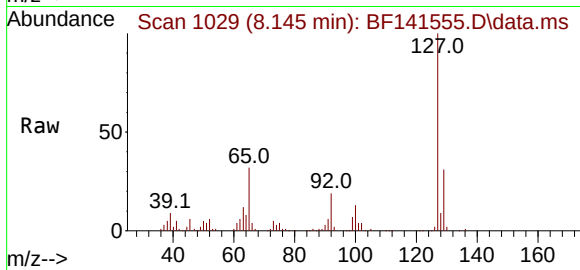
129 30.7 26.5 39.7

65 31.7 26.4 39.6

92 19.1 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#34

Hexachlorobutadiene

Concen: 43.968 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

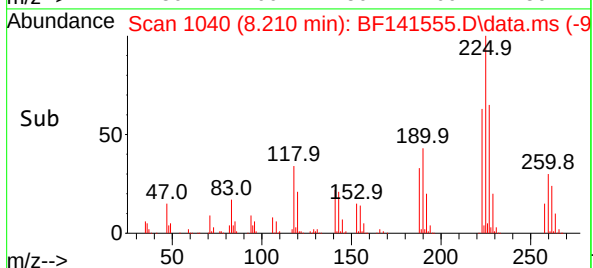
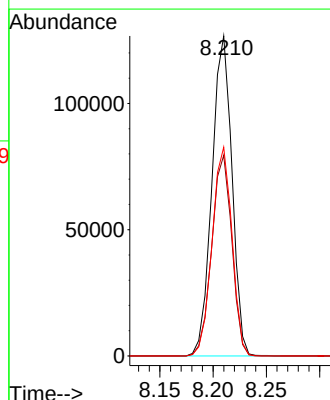
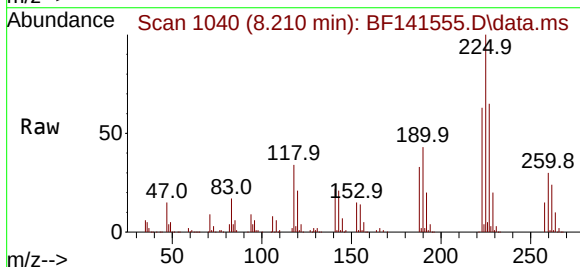
Tgt Ion:225 Resp: 165112

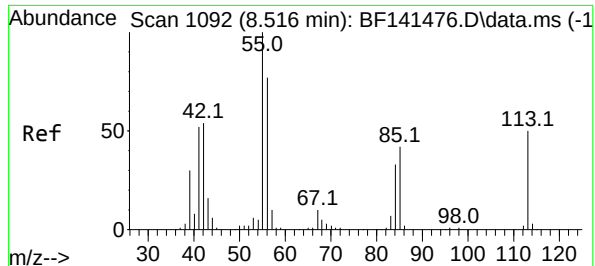
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 65.3 51.0 76.6





#35

Caprolactam

Concen: 49.591 ng m

RT: 8.522 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:113 Resp: 8673

Ion Ratio Lower Upper

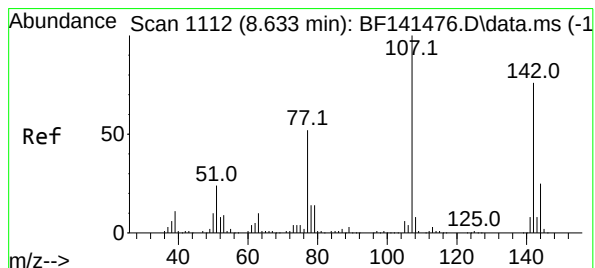
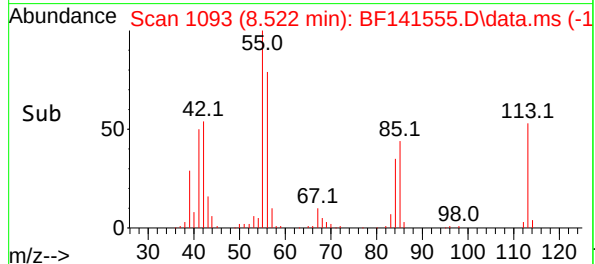
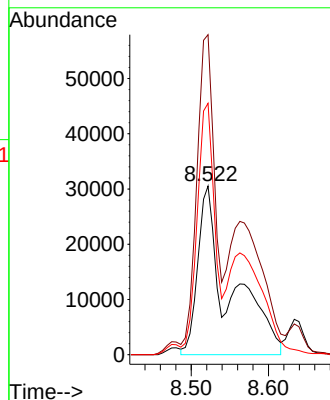
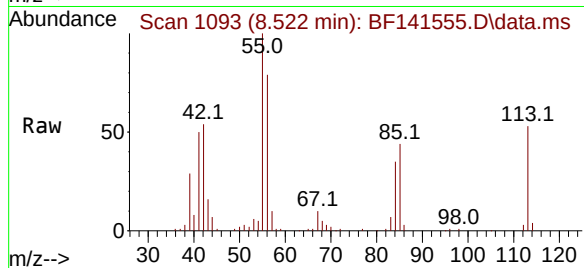
113 100

55 189.8 180.8 220.8

56 149.1 133.6 173.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#36

4-Chloro-3-methylphenol

Concen: 43.457 ng

RT: 8.633 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

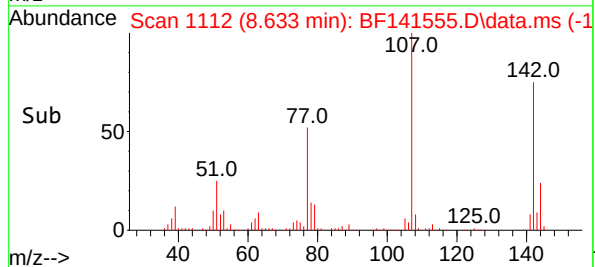
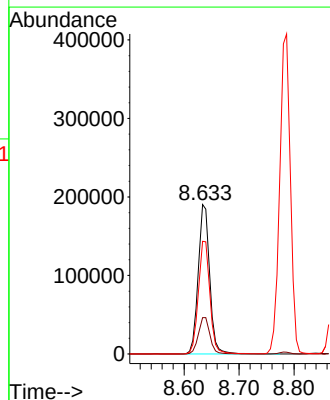
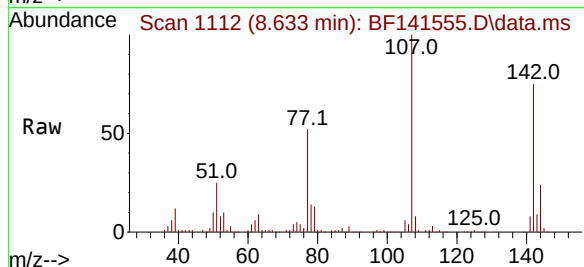
Tgt Ion:107 Resp: 276514

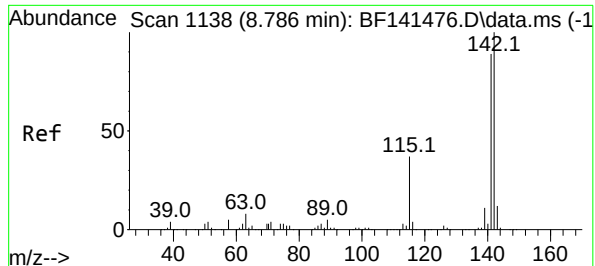
Ion Ratio Lower Upper

107 100

144 24.3 19.7 29.5

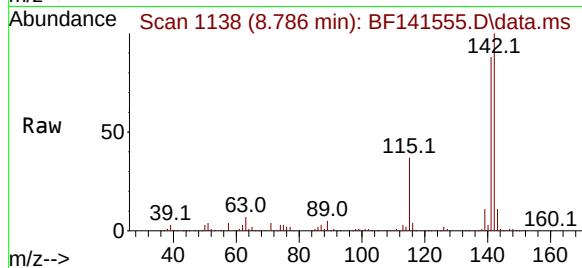
142 75.3 60.8 91.2





#37
2-Methylnaphthalene
Concen: 41.461 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

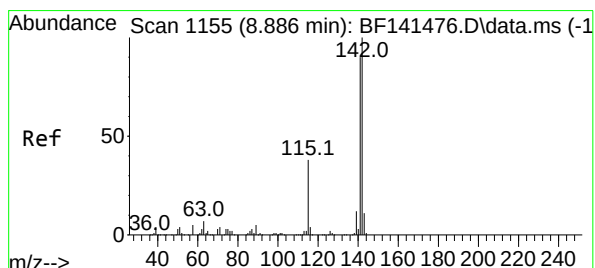
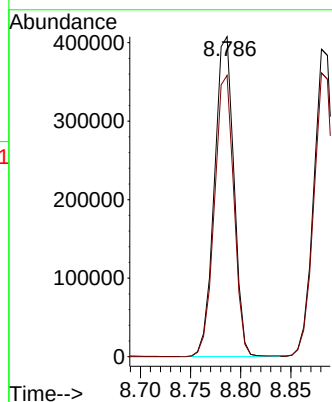
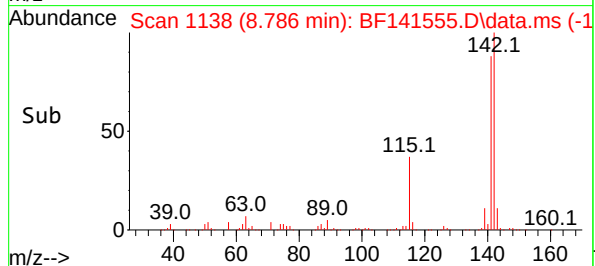
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:142 Resp: 549494
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8

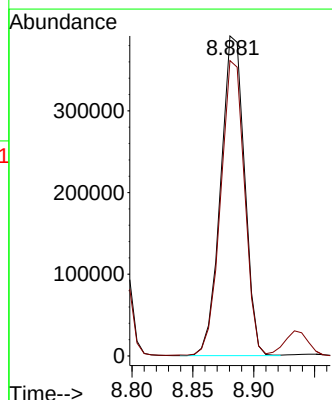
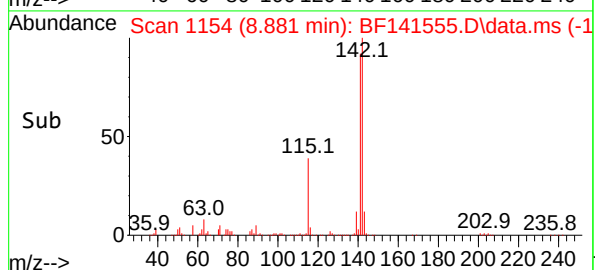
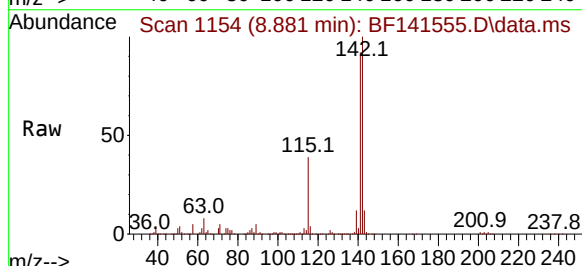
Manual Integrations
APPROVED

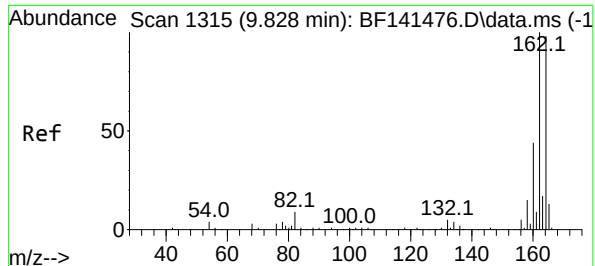
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 41.658 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:142 Resp: 534725
Ion Ratio Lower Upper
142 100
141 92.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141555.D

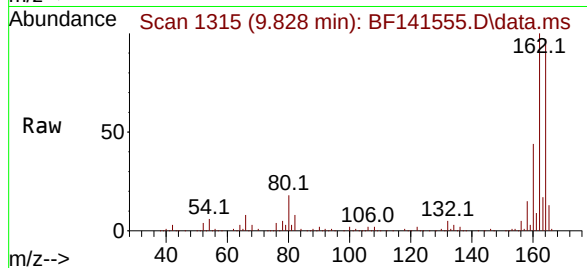
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS



Tgt Ion:164 Resp: 220324

Ion Ratio Lower Upper

164 100

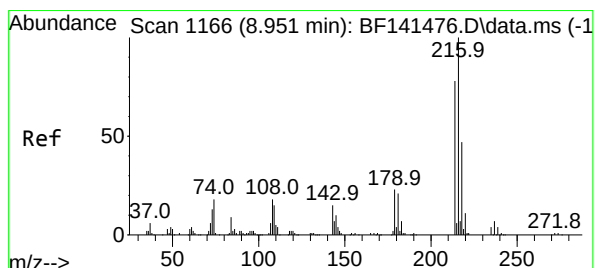
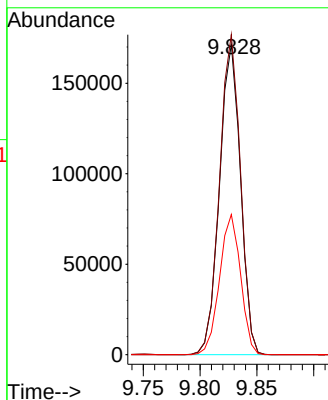
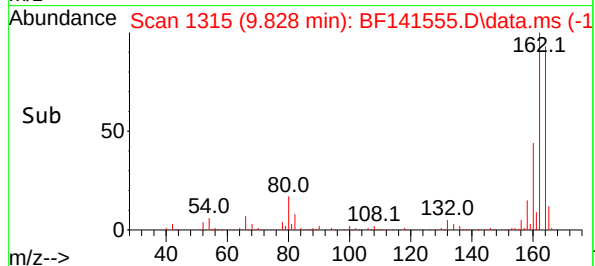
162 103.1 81.3 121.9

160 45.2 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#40

1,2,4,5-Tetrachlorobenzene

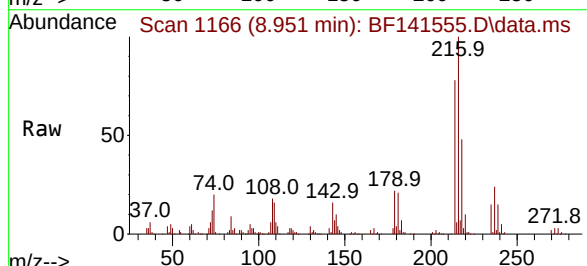
Concen: 46.474 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13



Tgt Ion:216 Resp: 296238

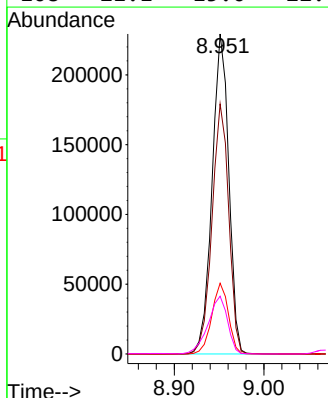
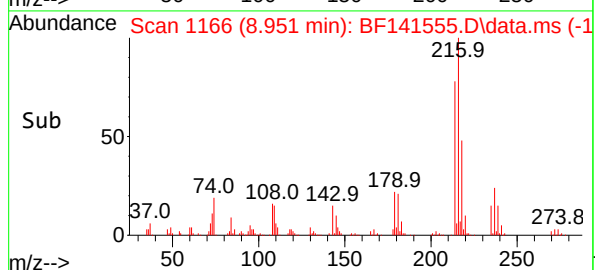
Ion Ratio Lower Upper

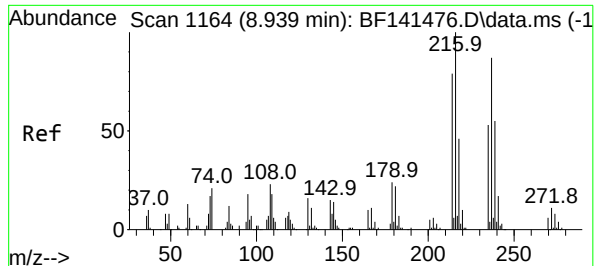
216 100

214 78.3 62.3 93.5

179 21.9 18.0 27.0

108 21.1 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 152.555 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:237 Resp: 323430

Ion Ratio Lower Upper

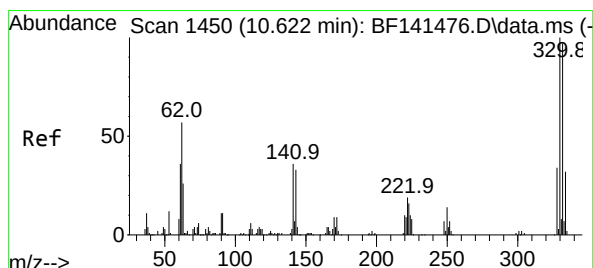
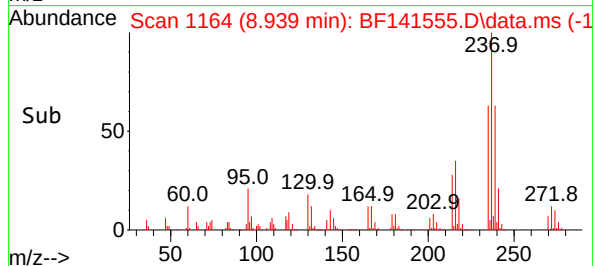
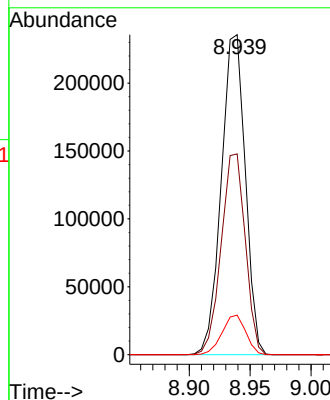
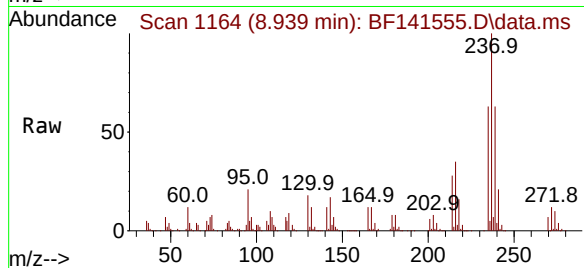
237 100

235 62.7 41.4 81.4

272 12.4 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#42

2,4,6-Tribromophenol

Concen: 131.788 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

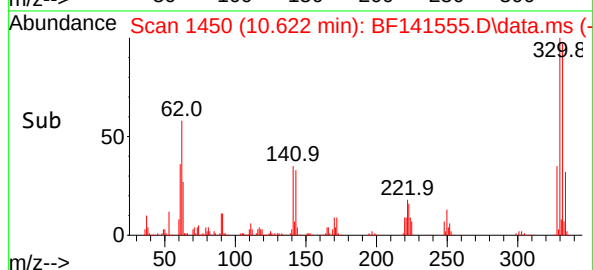
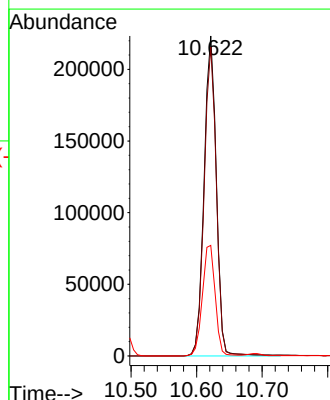
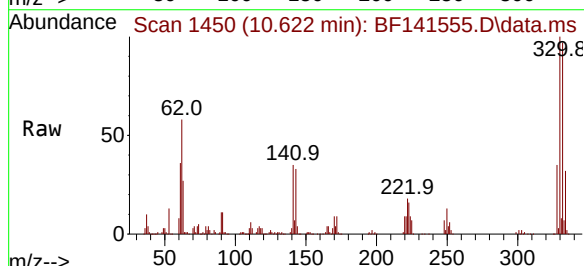
Tgt Ion:330 Resp: 291680

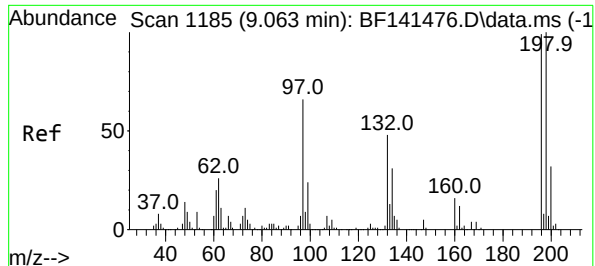
Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

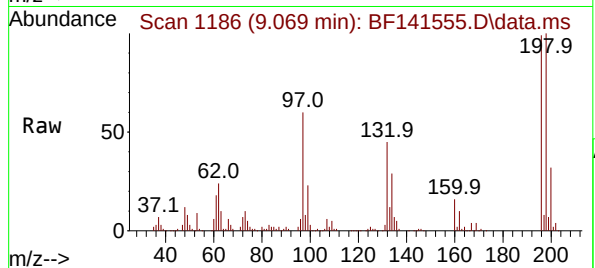
141 36.1 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.740 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

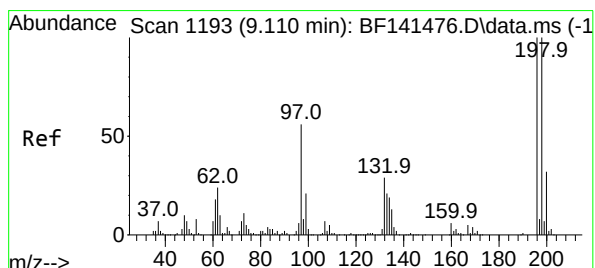
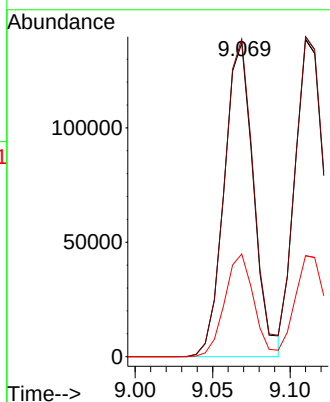
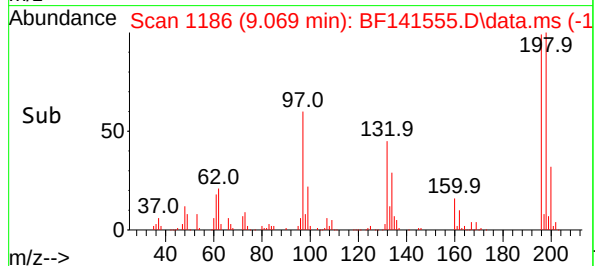
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:196 Resp: 180200
Ion Ratio Lower Upper
196 100
198 101.4 80.6 121.0
200 32.8 25.5 38.3

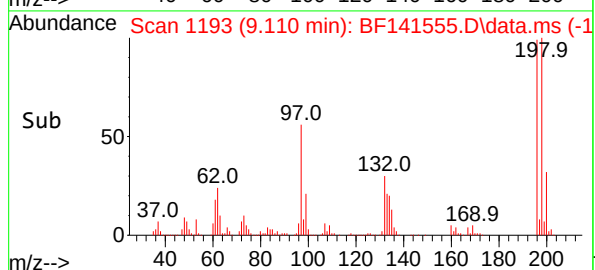
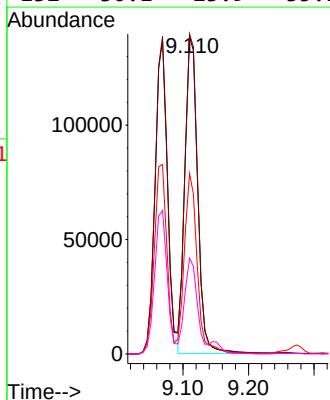
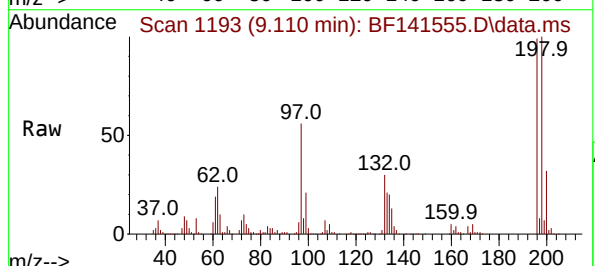
Manual Integrations
APPROVED

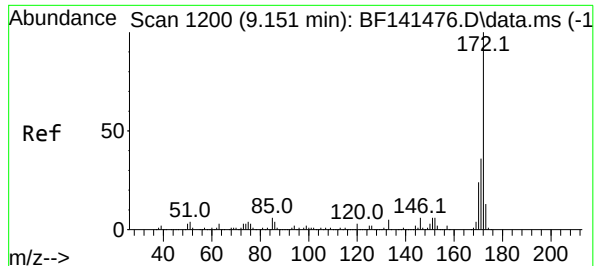
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#44
2,4,5-Trichlorophenol
Concen: 41.925 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:196 Resp: 187190
Ion Ratio Lower Upper
196 100
198 100.8 79.8 119.8
97 56.8 44.8 67.2
132 30.1 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 88.537 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:172 Resp: 126614

Ion Ratio Lower Upper

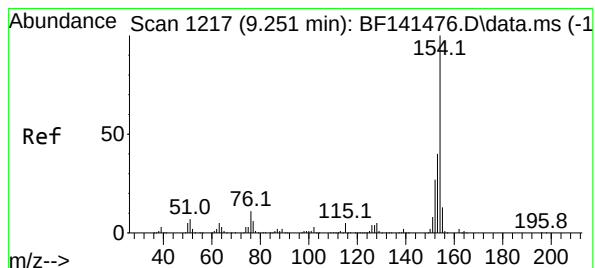
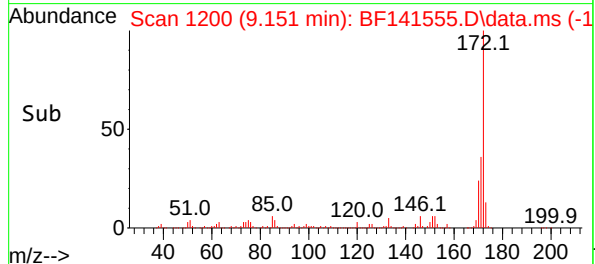
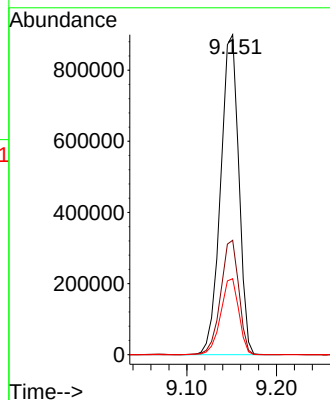
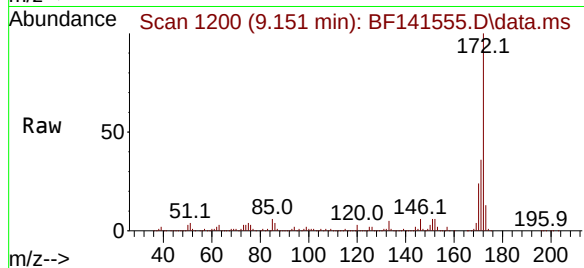
172 100

171 35.7 28.7 43.1

170 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#46

1,1'-Biphenyl

Concen: 46.744 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

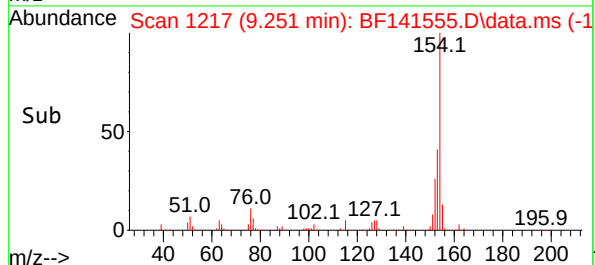
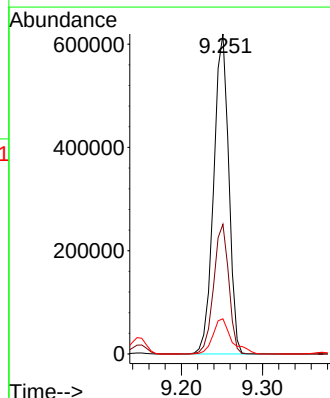
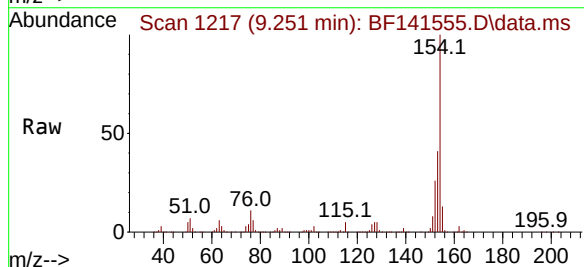
Tgt Ion:154 Resp: 798452

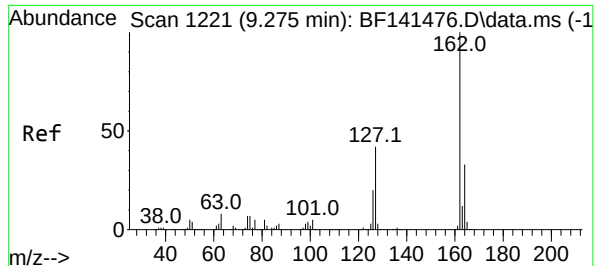
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.0 0.0 30.8





#47

2-Chloronaphthalene

Concen: 43.047 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:162 Resp: 54373

Ion Ratio Lower Upper

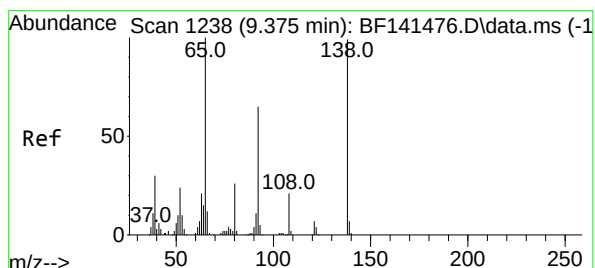
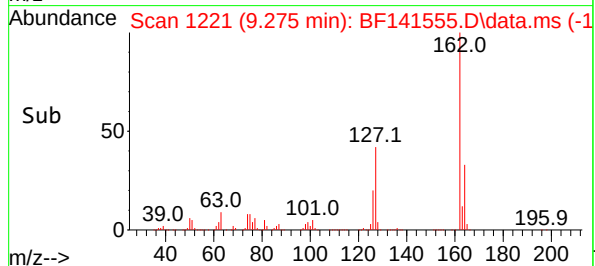
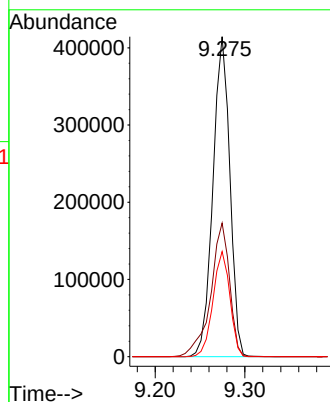
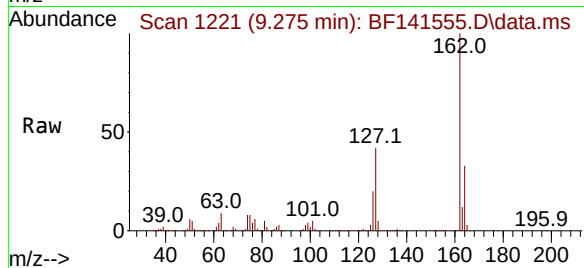
162 100

127 41.7 34.1 51.1

164 32.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#48

2-Nitroaniline

Concen: 43.338 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

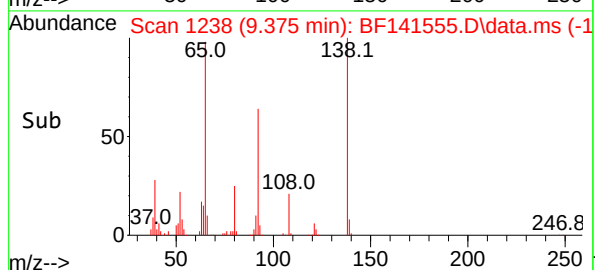
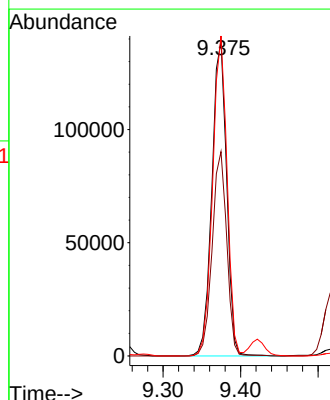
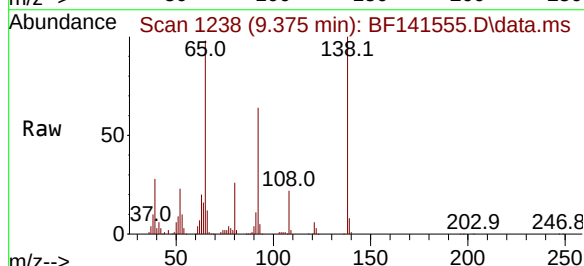
Tgt Ion: 65 Resp: 183710

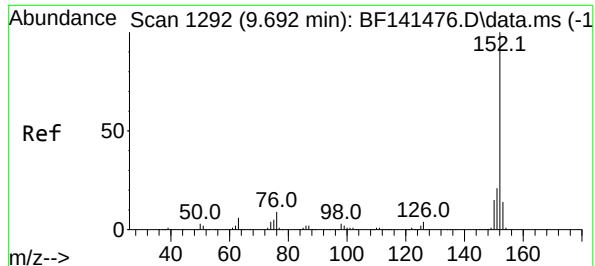
Ion Ratio Lower Upper

65 100

92 64.9 52.2 78.2

138 101.6 79.5 119.3





#49

Acenaphthylene

Concen: 45.105 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:152 Resp: 847399

Ion Ratio Lower Upper

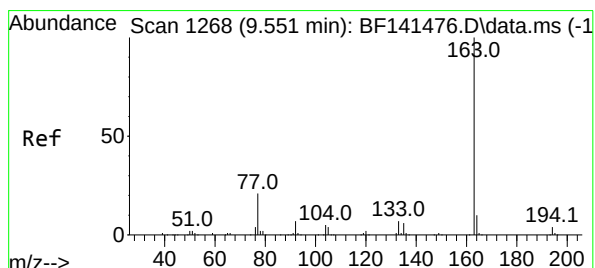
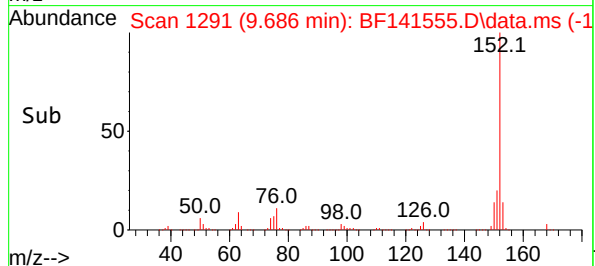
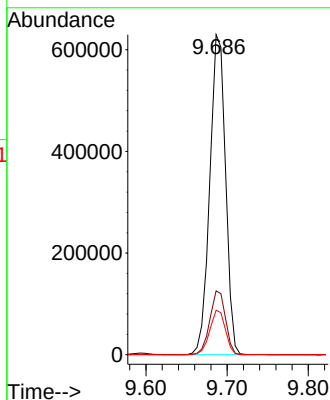
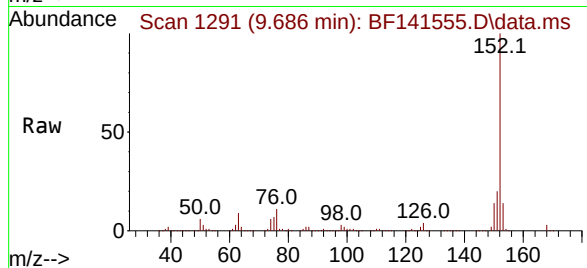
152 100

151 19.9 16.4 24.6

153 13.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#50

Dimethylphthalate

Concen: 43.344 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

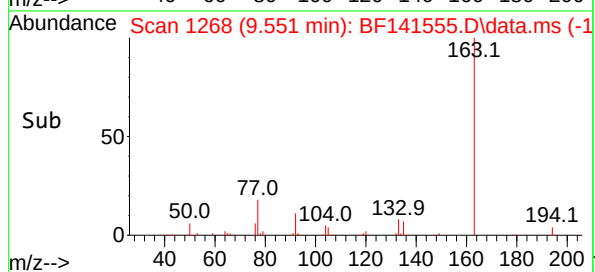
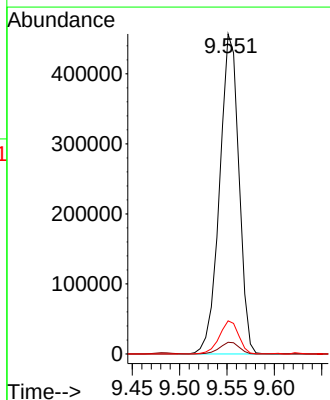
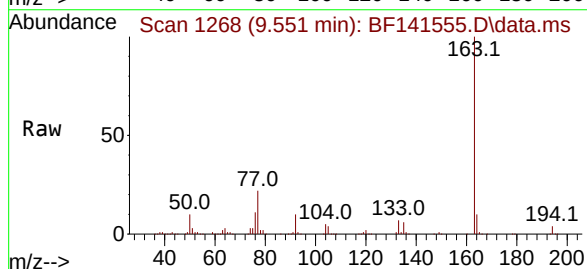
Tgt Ion:163 Resp: 648306

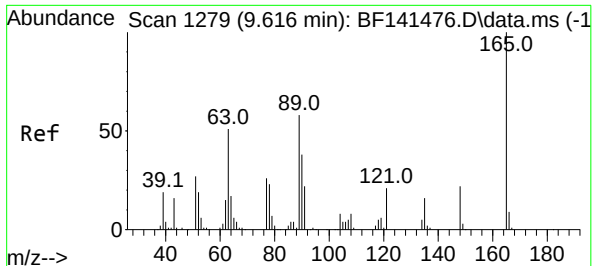
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

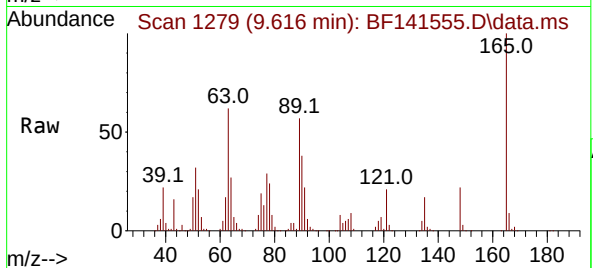
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.781 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

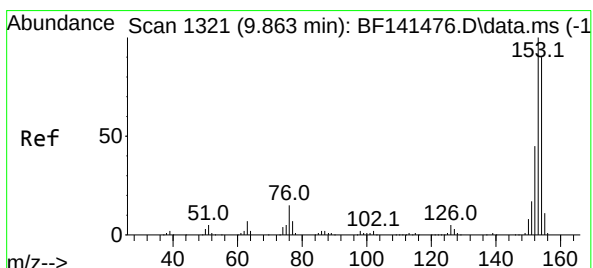
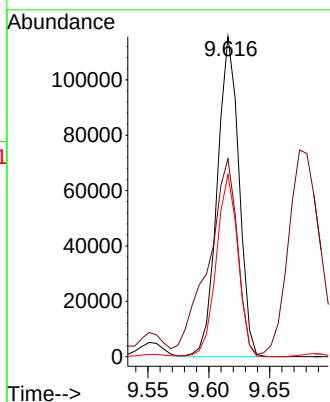
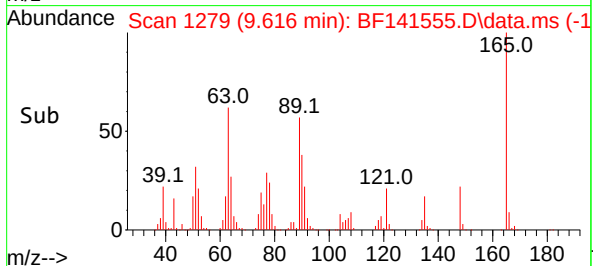
Instrument :
BNA_F
ClientSampleId :
PB166641BS



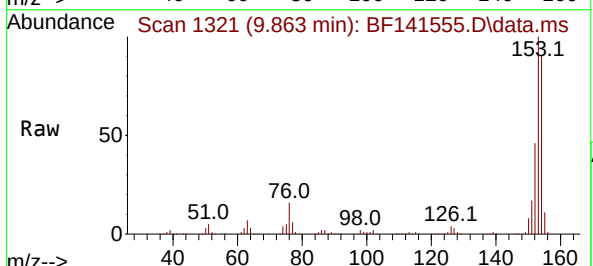
Tgt Ion:165 Resp: 14315
Ion Ratio Lower Upper
165 100
63 61.8 49.4 74.0
89 56.9 46.5 69.7

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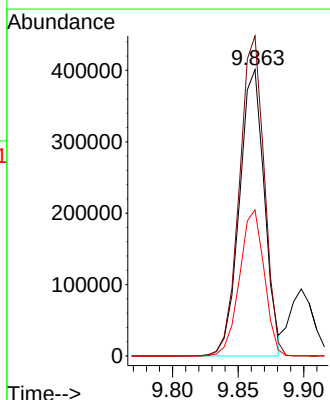
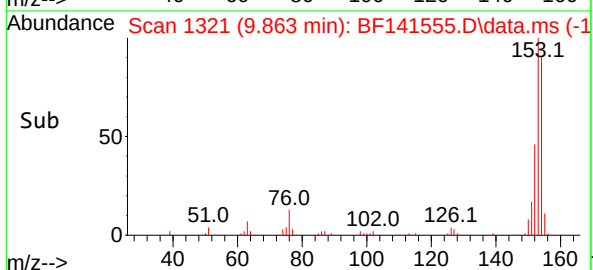
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

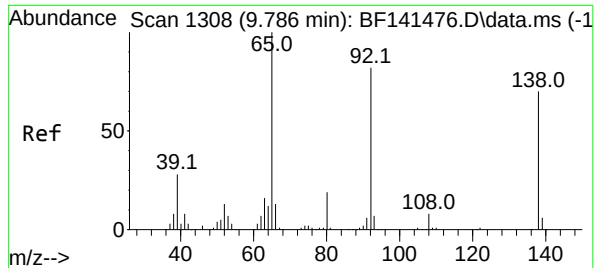


#52
Acenaphthene
Concen: 42.098 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:154 Resp: 531720
Ion Ratio Lower Upper
154 100
153 111.7 89.2 133.8
152 51.0 39.8 59.8





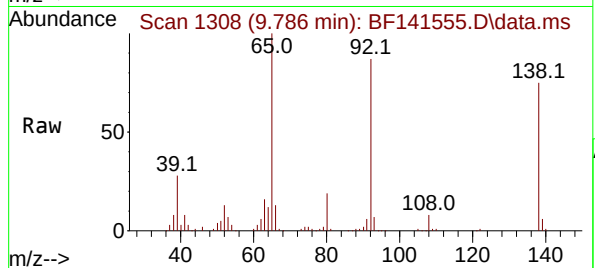
#53
3-Nitroaniline
Concen: 27.247 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

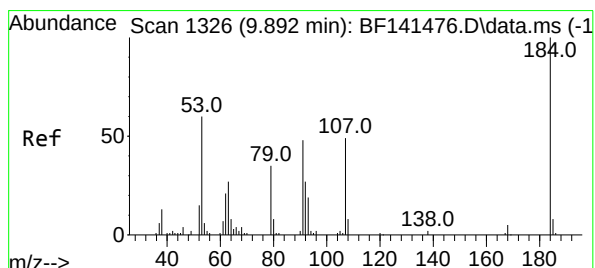
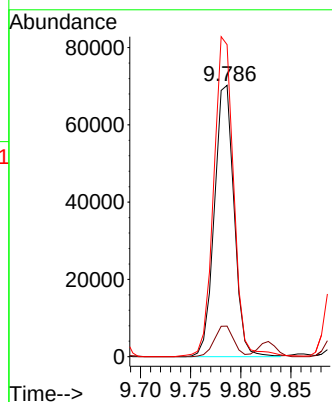
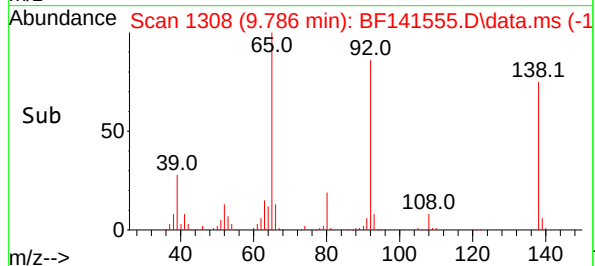


Tgt Ion:138 Resp: 9588
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 115.0 93.7 140.5

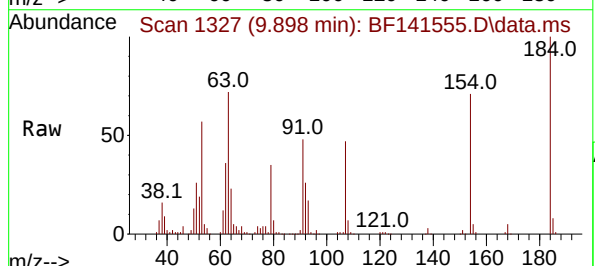
Manual Integrations

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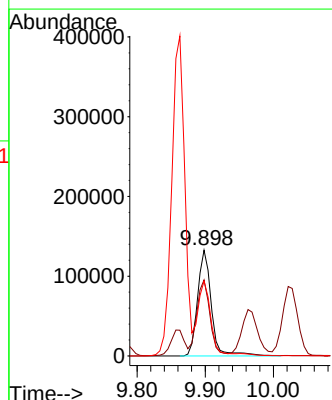
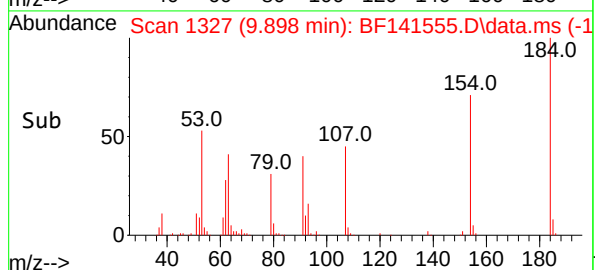
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

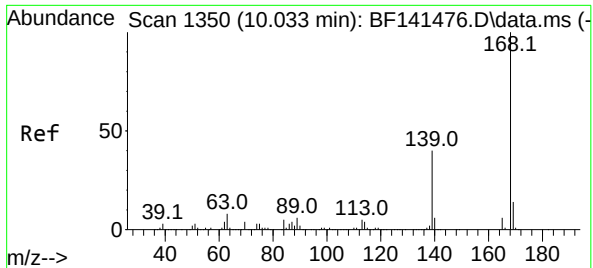


#54
2,4-Dinitrophenol
Concen: 96.132 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



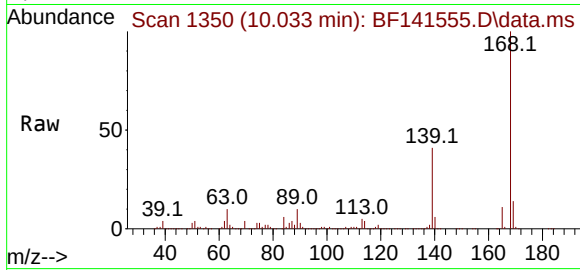
Tgt Ion:184 Resp: 186814
Ion Ratio Lower Upper
184 100
63 71.8 61.0 91.6
154 70.8 59.9 89.9





#55
Dibenzenofuran
Concen: 41.146 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

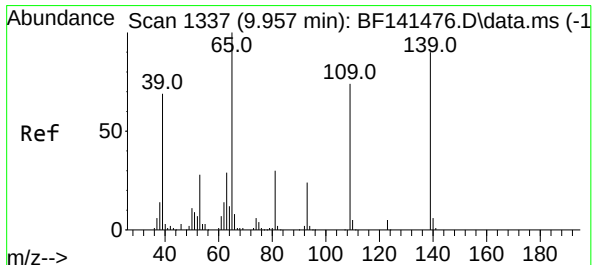
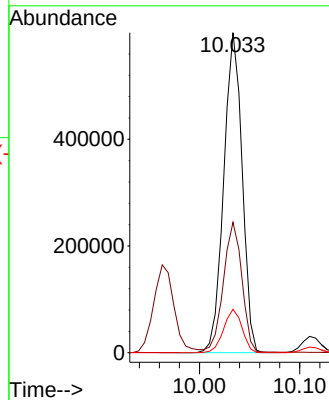
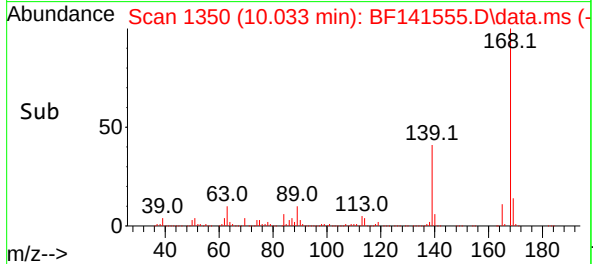
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:168 Resp: 762820
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 13.6 10.8 16.2

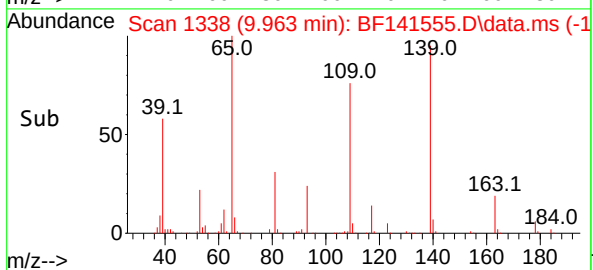
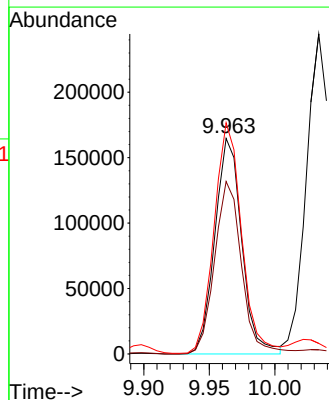
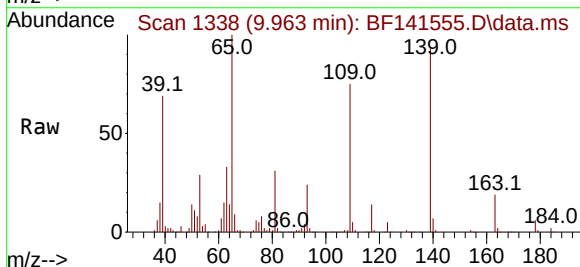
Manual Integrations
APPROVED

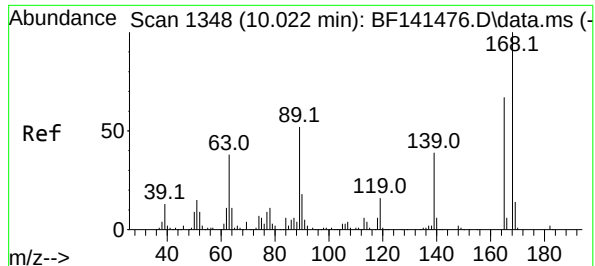
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 90.129 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:139 Resp: 235458
Ion Ratio Lower Upper
139 100
109 80.0 62.0 102.0
65 107.3 91.2 131.2





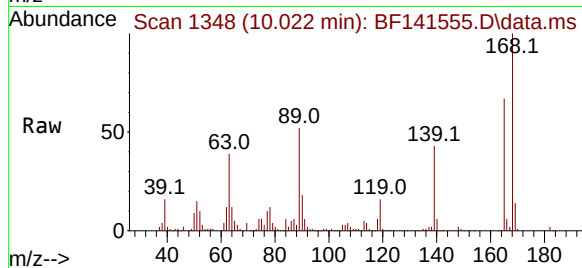
#57
2,4-Dinitrotoluene
Concen: 44.877 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

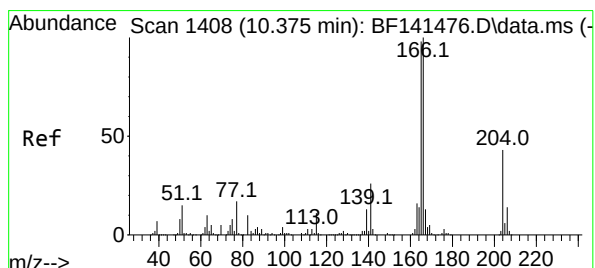
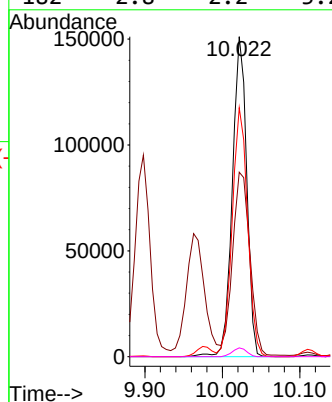
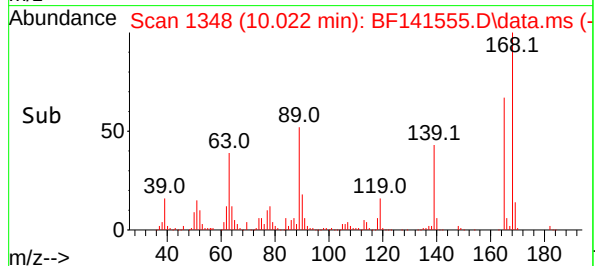


Tgt Ion:165 Resp: 19534
Ion Ratio Lower Upper
165 100
63 57.6 46.4 69.6
89 77.8 61.8 92.6
182 2.8 2.2 3.2

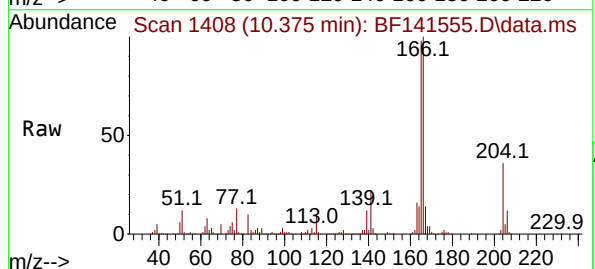
Manual Integrations

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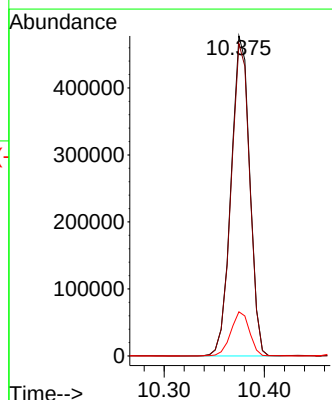
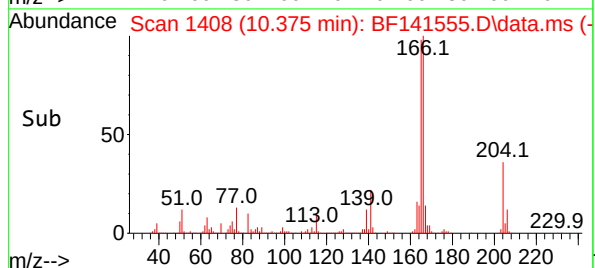
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

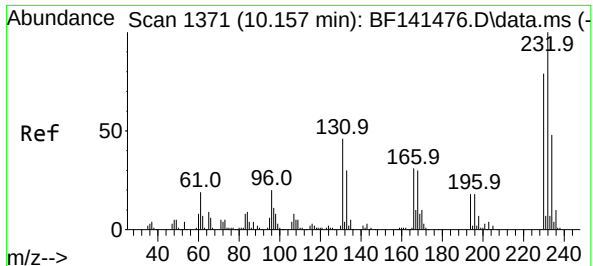


#58
Fluorene
Concen: 43.078 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:166 Resp: 617507
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 13.8 10.7 16.1





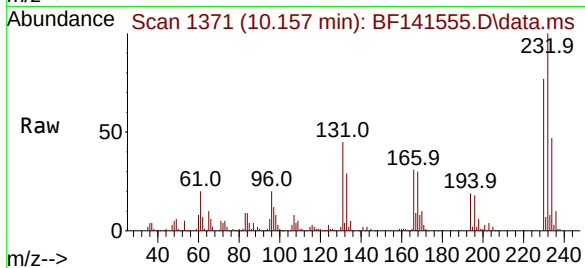
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.427 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

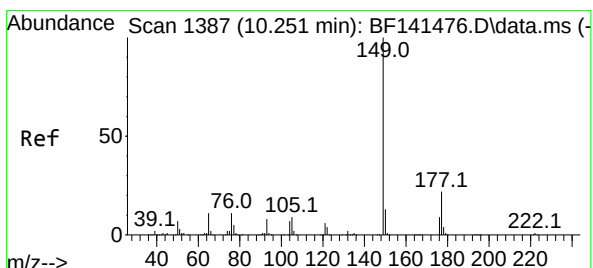
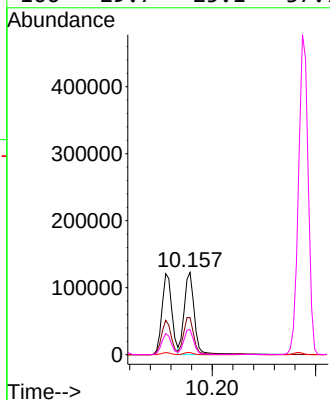
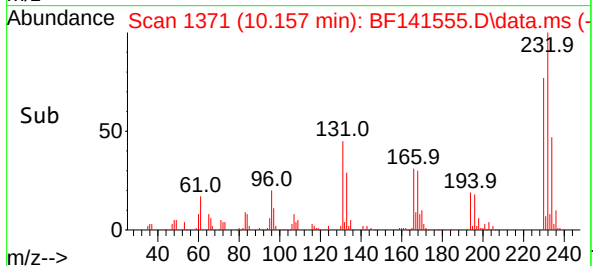


Tgt Ion:232 Resp: 166931
Ion Ratio Lower Upper
232 100
131 46.0 39.2 58.8
130 2.4 2.1 3.1
166 29.7 25.1 37.7

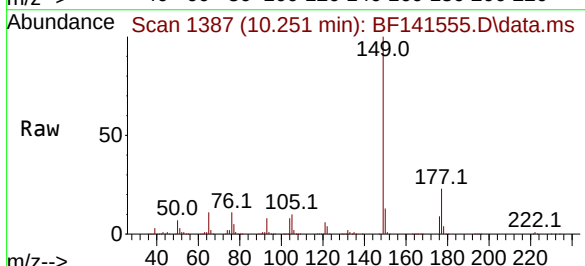
Manual Integrations

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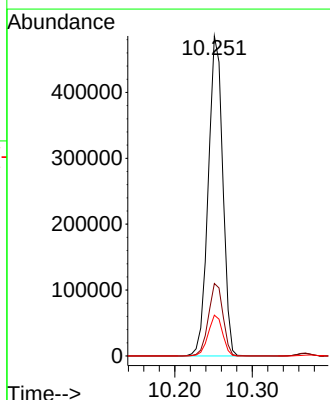
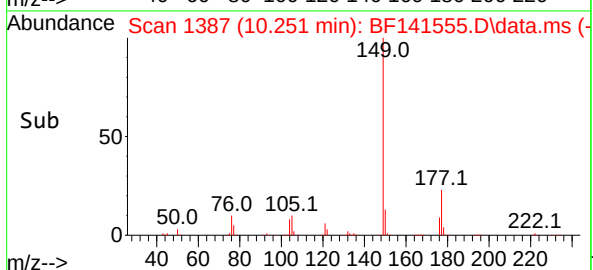
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

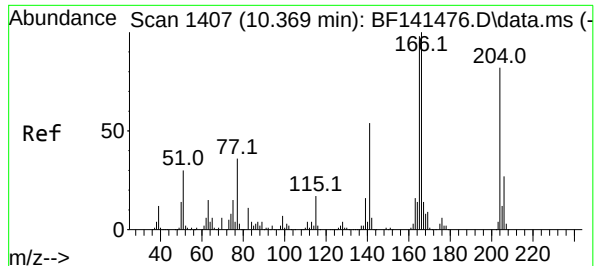


#60
Diethylphthalate
Concen: 42.836 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



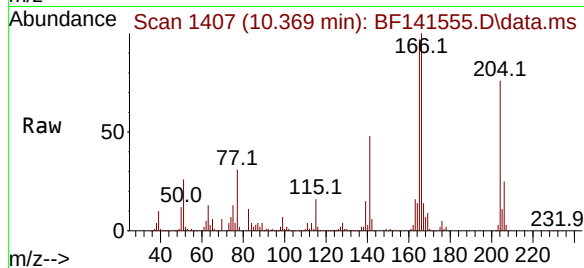
Tgt Ion:149 Resp: 630385
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.155 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

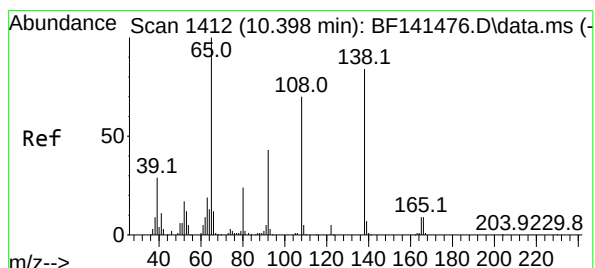
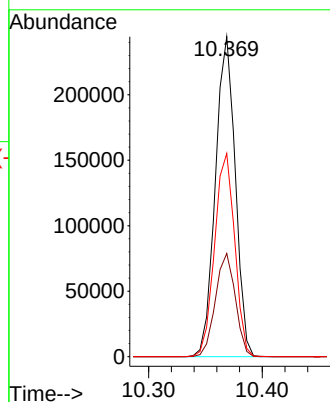
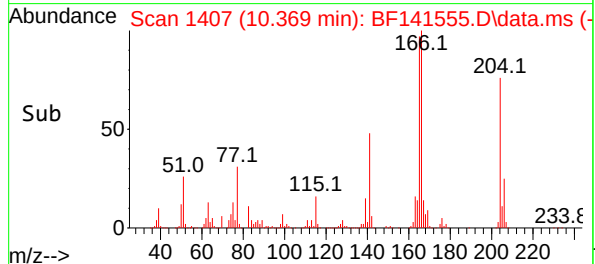
Instrument :
BNA_F
ClientSampleId :
PB166641BS



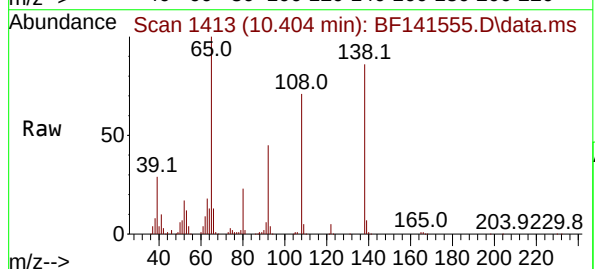
Tgt Ion:204 Resp: 297608
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 63.5 51.9 77.9

Manual Integrations
APPROVED

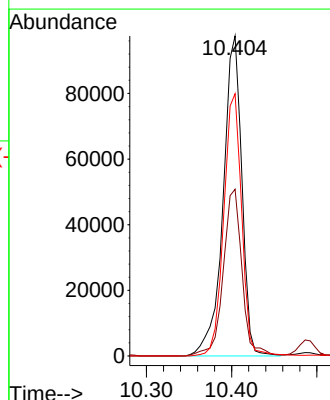
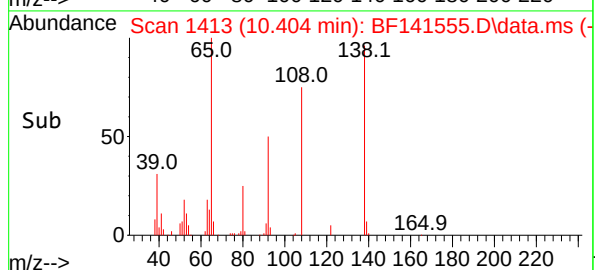
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

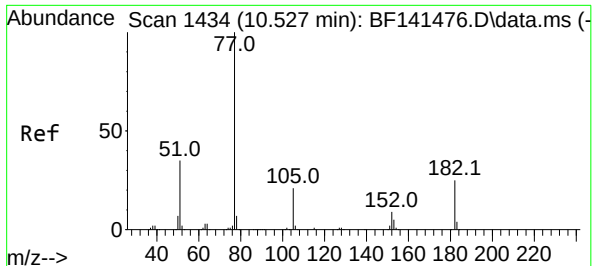


#62
4-Nitroaniline
Concen: 41.625 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



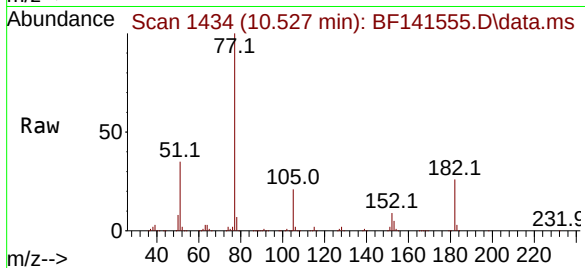
Tgt Ion:138 Resp: 148745
Ion Ratio Lower Upper
138 100
92 52.1 31.3 71.3
108 82.0 63.7 103.7





#63
Azobenzene
Concen: 41.933 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

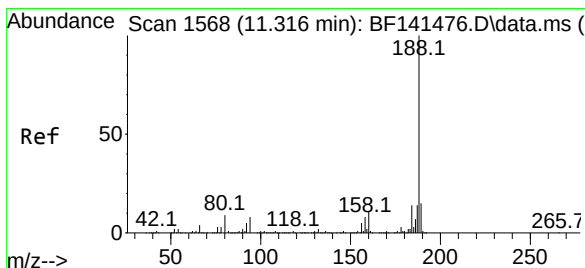
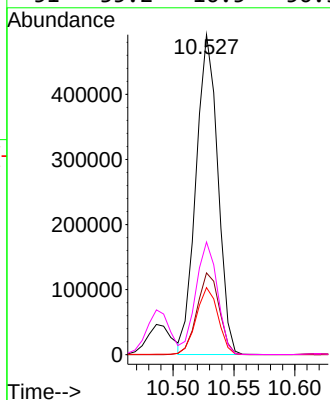
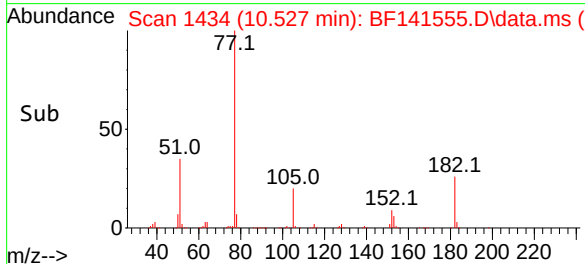
Instrument :
BNA_F
ClientSampleId :
PB166641BS



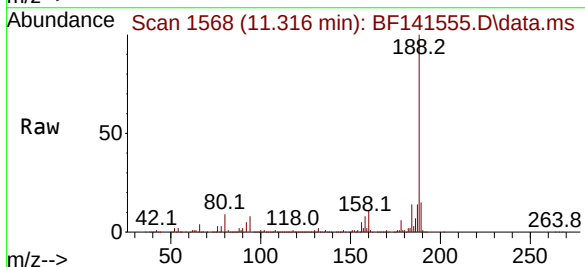
Tgt Ion: 77 Resp: 61347
Ion Ratio Lower Upper
77 100
182 25.5 4.7 44.7
105 21.0 0.4 40.4
51 35.2 16.5 56.5

Manual Integrations
APPROVED

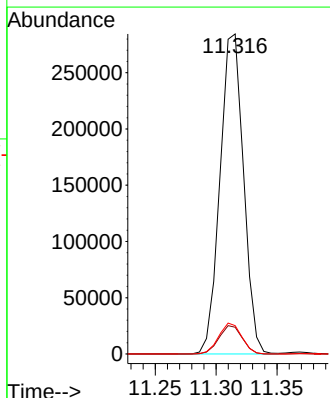
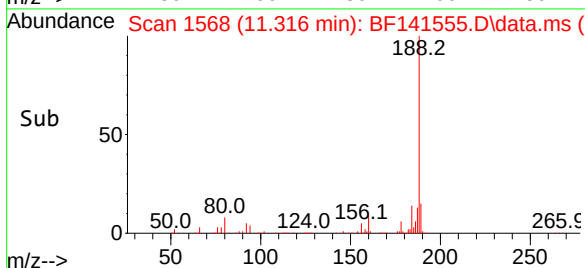
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

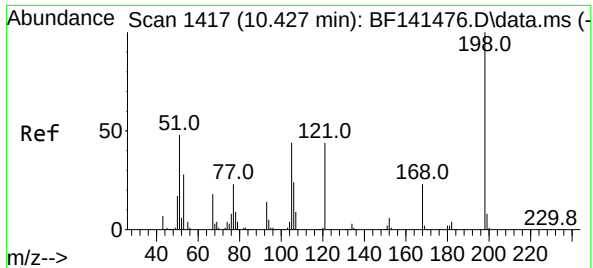


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:188 Resp: 382864
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.9 7.3 10.9





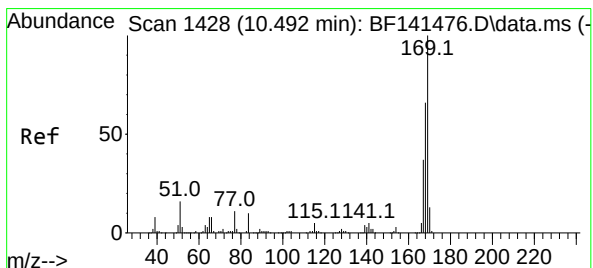
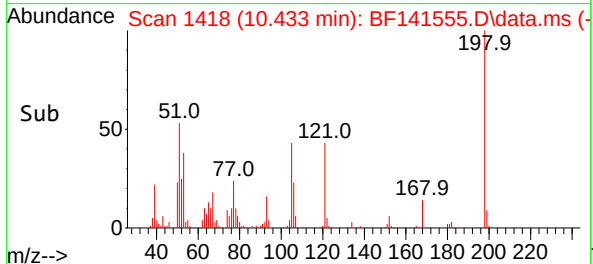
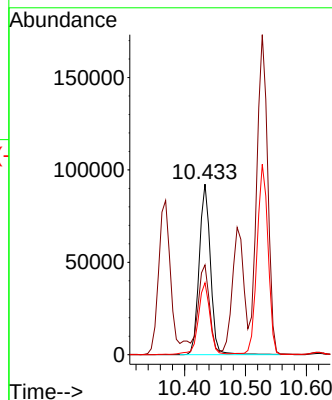
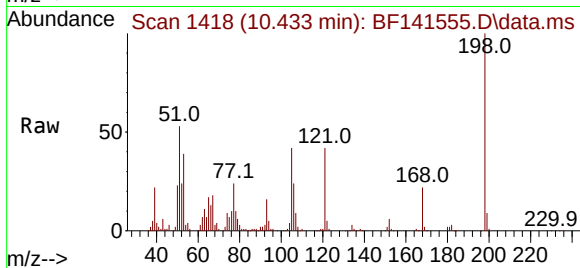
#65
4,6-Dinitro-2-methylphenol
Concen: 44.566 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166641BS

Tgt Ion:198 Resp: 11852
Ion Ratio Lower Upper
198 100
51 52.7 37.4 77.4
105 42.1 25.2 65.2

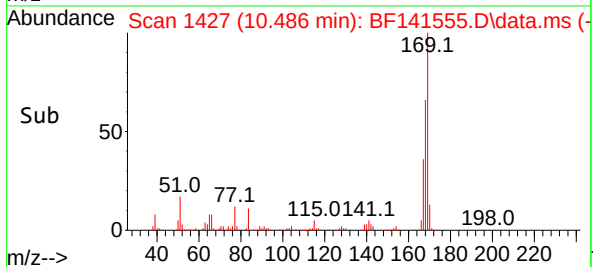
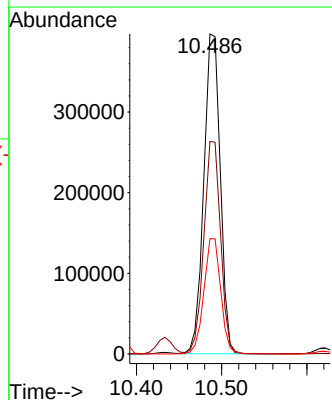
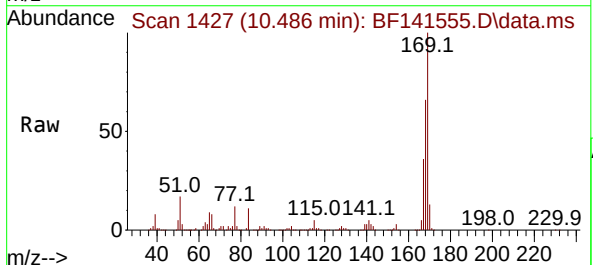
Manual Integrations
APPROVED

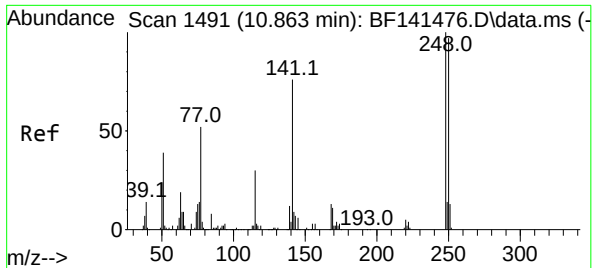
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 43.501 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

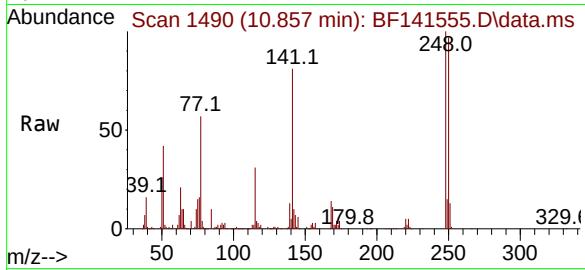
Tgt Ion:169 Resp: 533140
Ion Ratio Lower Upper
169 100
168 66.4 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 43.455 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

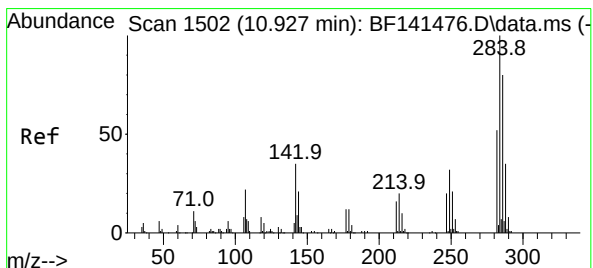
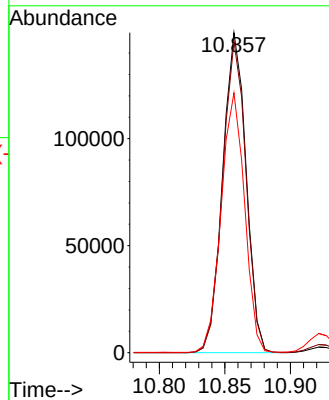
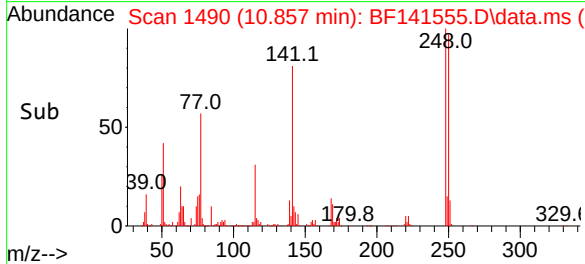
Instrument :
BNA_F
ClientSampleId :
PB166641BS



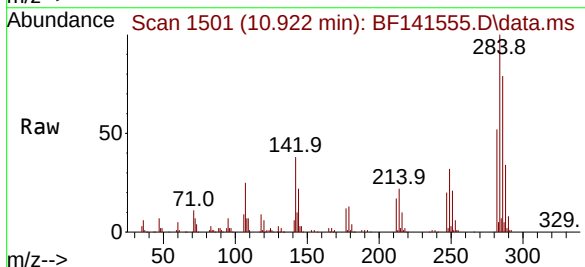
Tgt Ion:248 Resp: 185940
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 81.2 60.6 90.8

Manual Integrations
APPROVED

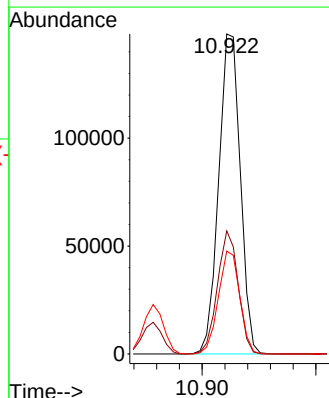
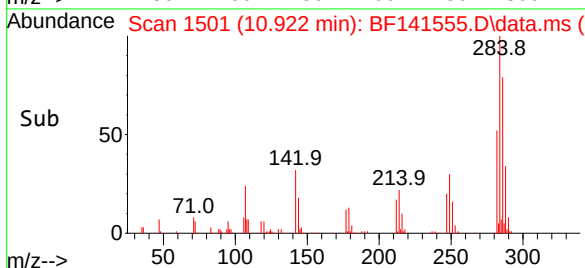
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

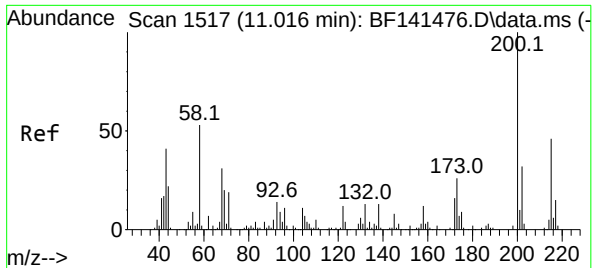


#68
Hexachlorobenzene
Concen: 44.475 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



Tgt Ion:284 Resp: 195967
Ion Ratio Lower Upper
284 100
142 38.5 28.0 42.0
249 32.1 25.8 38.8





#69

Atrazine

Concen: 57.636 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:200 Resp: 21191

Ion Ratio Lower Upper

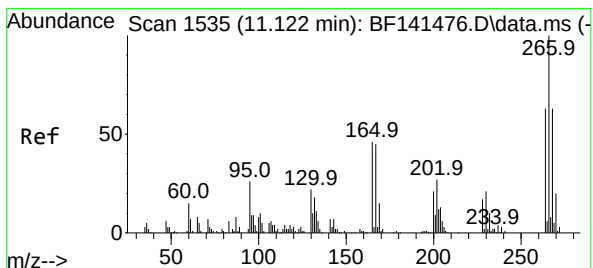
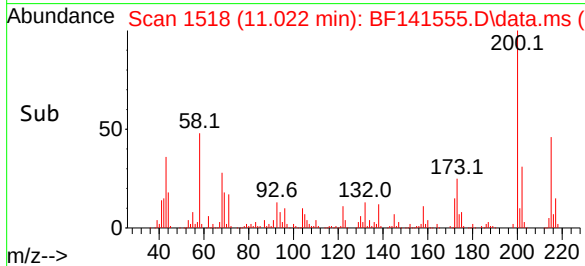
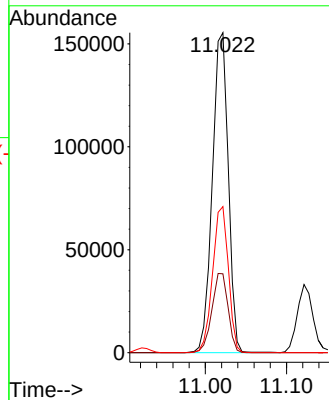
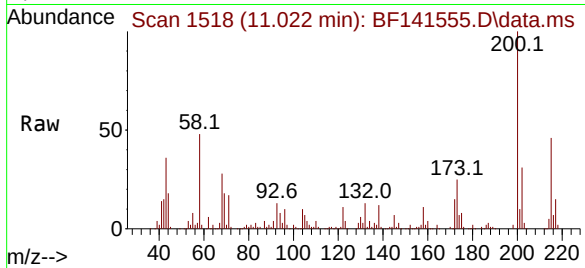
200 100

173 24.7 5.9 45.9

215 45.7 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#70

Pentachlorophenol

Concen: 84.913 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

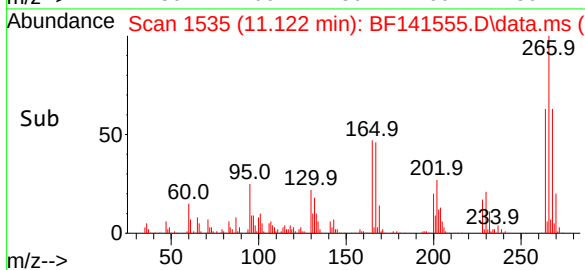
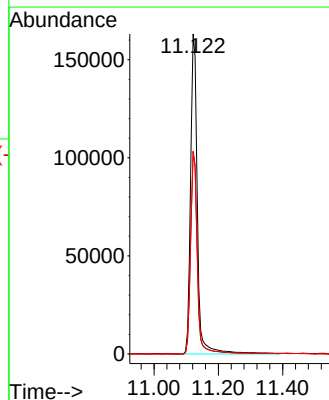
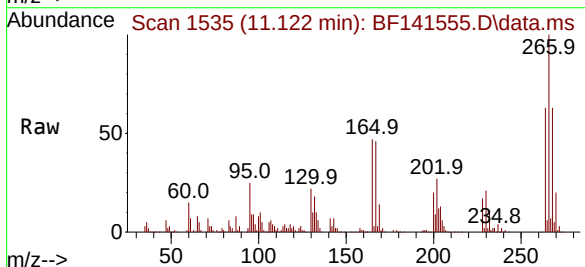
Tgt Ion:266 Resp: 239236

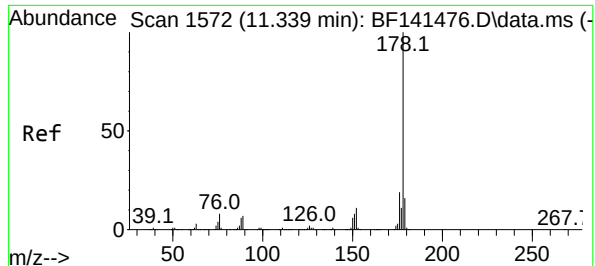
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

264 63.4 50.1 75.1





#71

Phenanthrene

Concen: 43.670 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:178 Resp: 920349

Ion Ratio Lower Upper

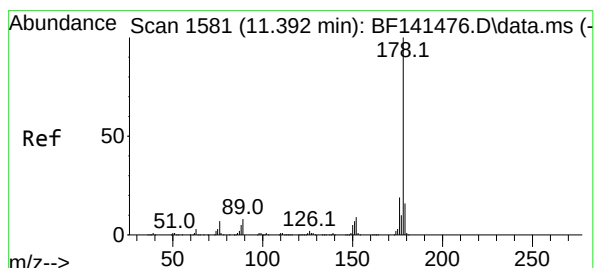
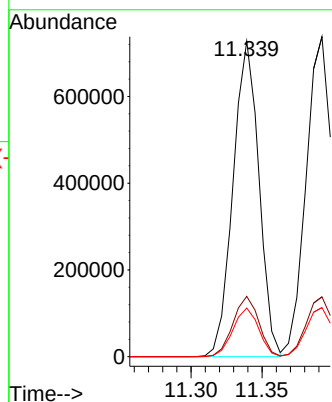
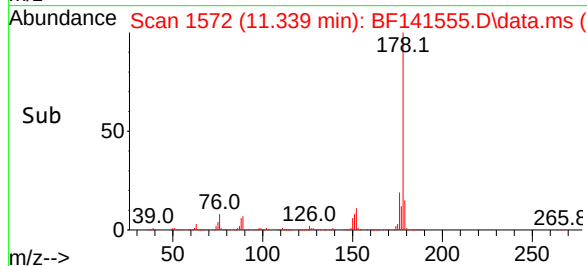
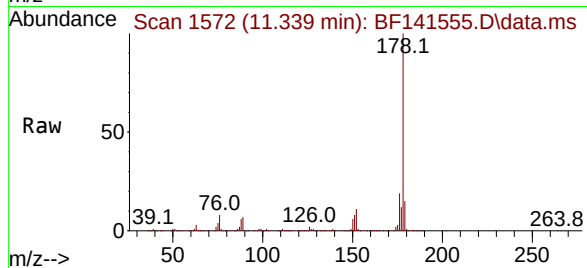
178 100

176 19.1 15.4 23.0

179 15.4 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#72

Anthracene

Concen: 45.027 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

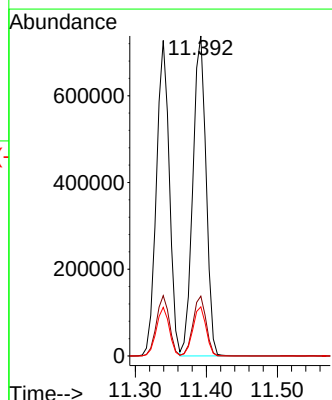
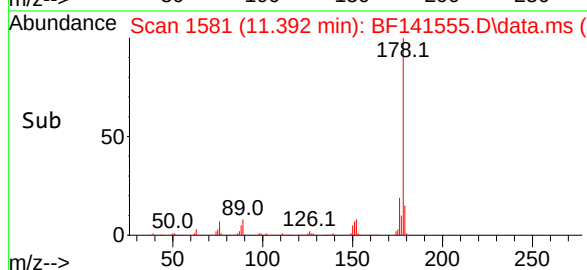
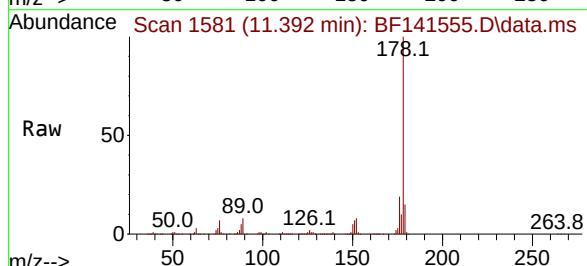
Tgt Ion:178 Resp: 953911

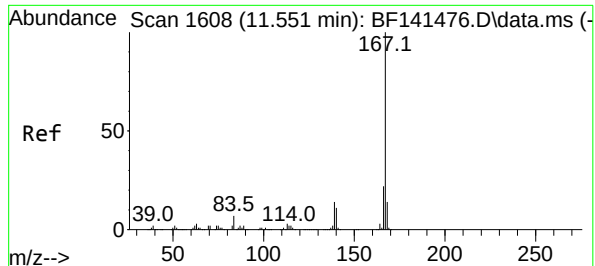
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

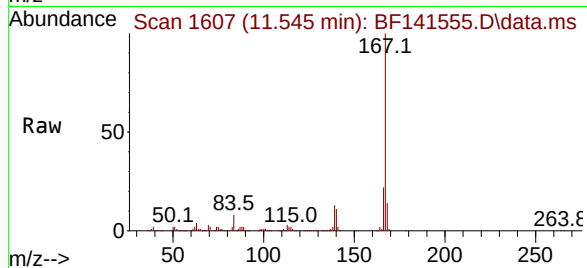
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 43.062 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141555.D
 Acq: 11 Feb 2025 12:13

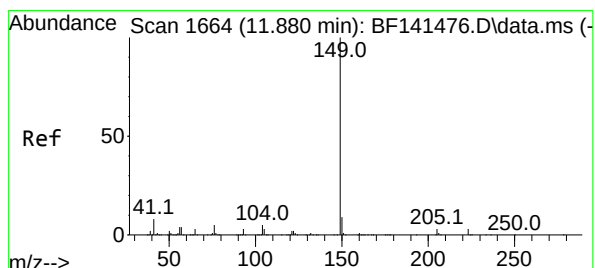
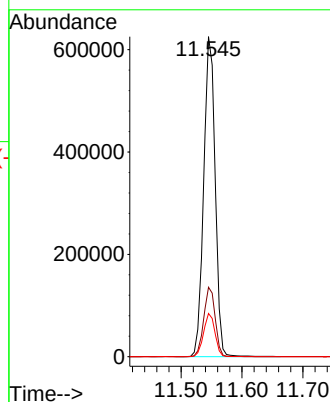
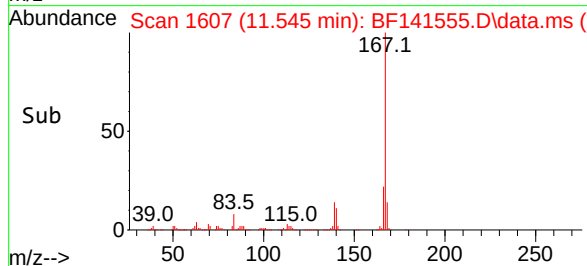
Instrument :
 BNA_F
 ClientSampleId :
 PB166641BS



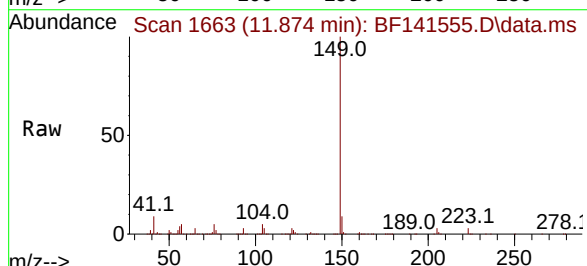
Tgt Ion:167 Resp: 82086
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.5 10.9 16.3

Manual Integrations
 APPROVED

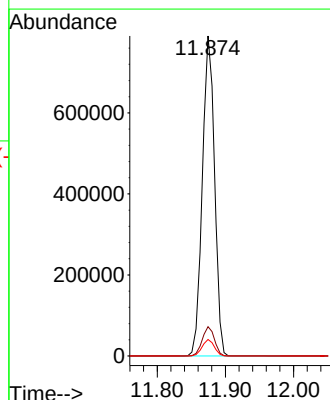
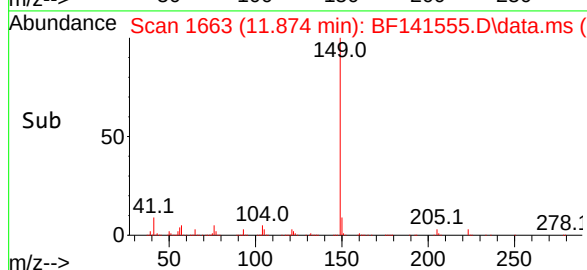
Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

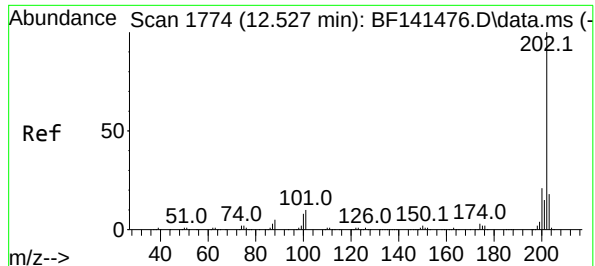


#74
 Di-n-butylphthalate
 Concen: 44.718 ng
 RT: 11.874 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF141555.D
 Acq: 11 Feb 2025 12:13



Tgt Ion:149 Resp: 984268
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 43.403 ng

RT: 12.527 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF141555.D

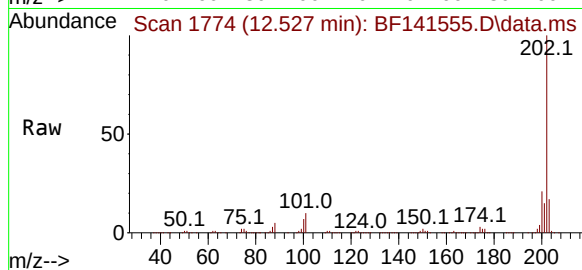
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS



Tgt Ion:202 Resp: 96977

Ion Ratio Lower Upper

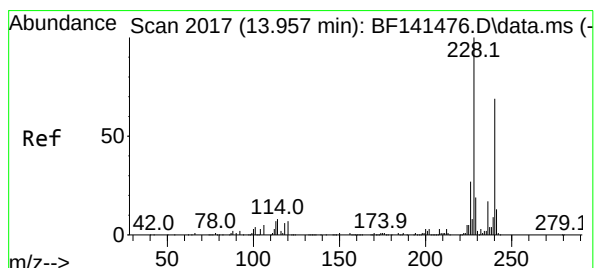
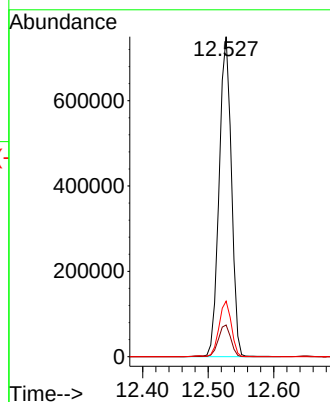
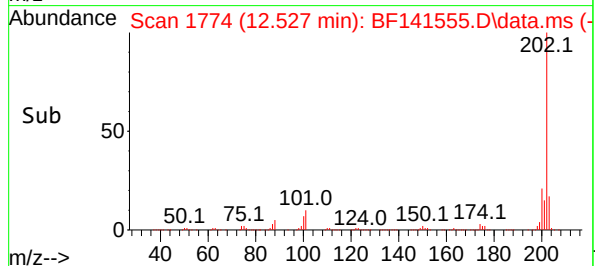
202 100

101 9.9 0.0 30.2

203 17.3 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#76

Chrysene-d12

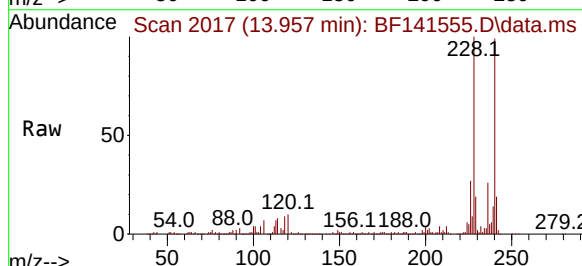
Concen: 20.000 ng

RT: 13.957 min Scan# 1717

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13



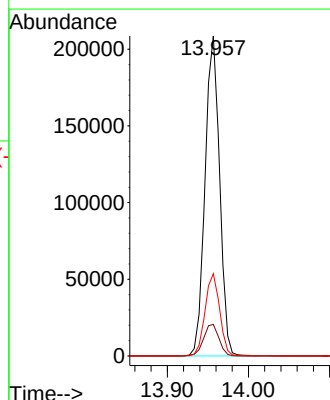
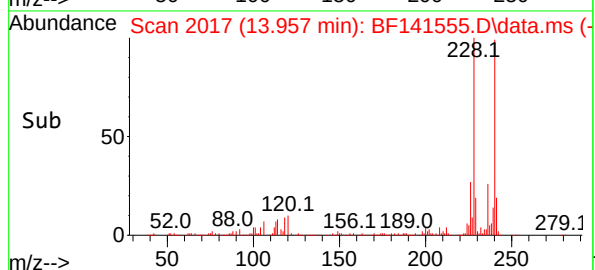
Tgt Ion:240 Resp: 259250

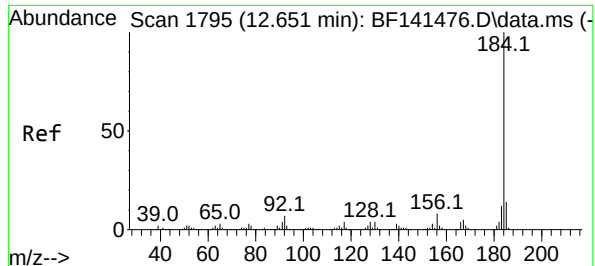
Ion Ratio Lower Upper

240 100

120 9.9 8.0 12.0

236 25.7 19.8 29.8





#77

Benzidine

Concen: 65.649 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141555.D

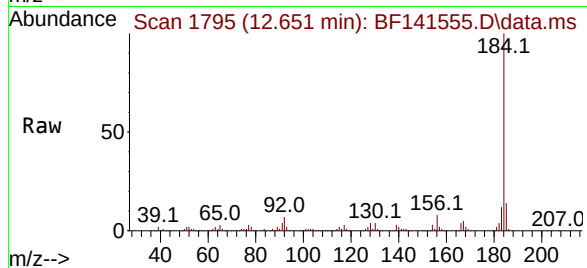
Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS



Tgt Ion:184 Resp: 375352

Ion Ratio Lower Upper

184 100

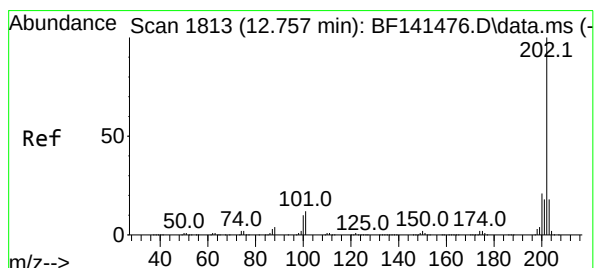
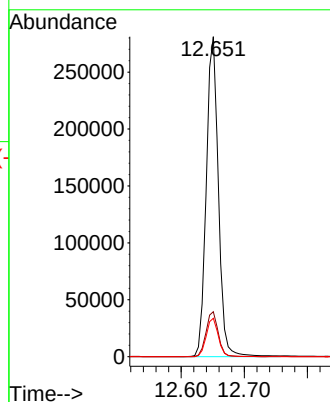
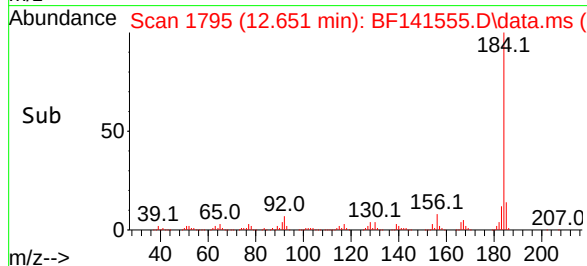
185 14.0 11.3 16.9

183 12.0 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#78

Pyrene

Concen: 44.093 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

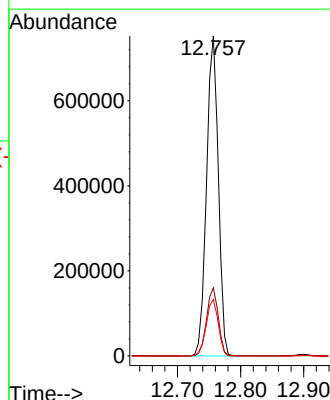
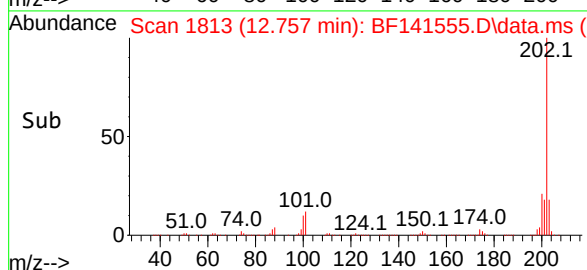
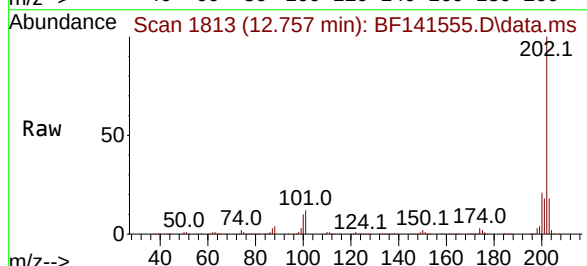
Tgt Ion:202 Resp: 973088

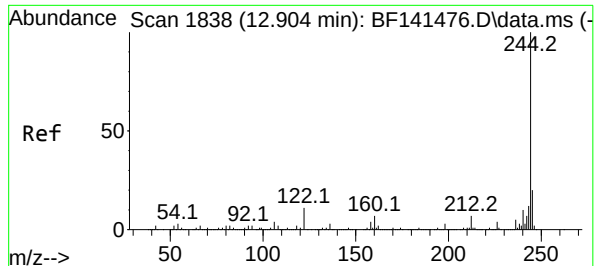
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 97.272 ng

RT: 12.898 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:244 Resp: 1493792

Ion Ratio Lower Upper

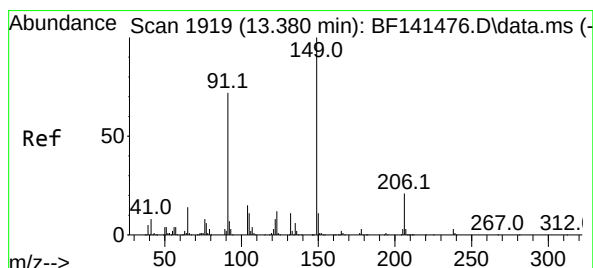
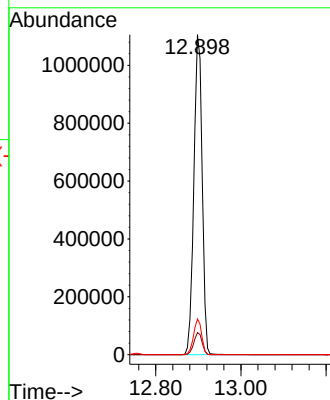
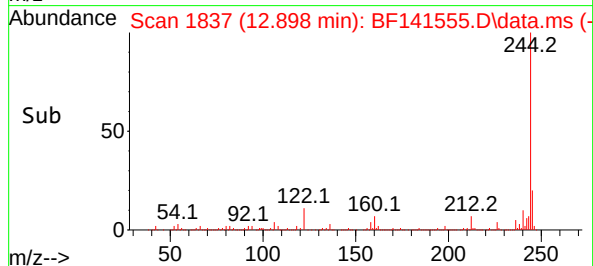
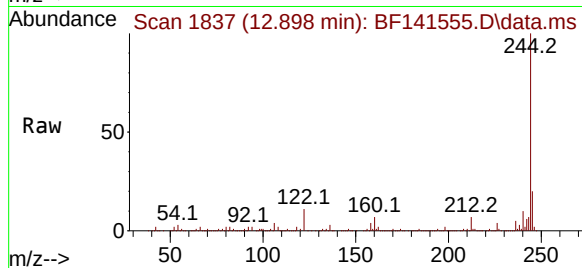
244 100

212 6.9 5.6 8.4

122 11.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#80

Butylbenzylphthalate

Concen: 47.989 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

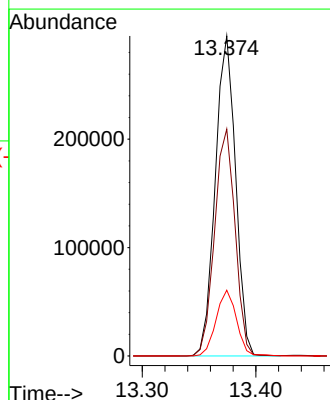
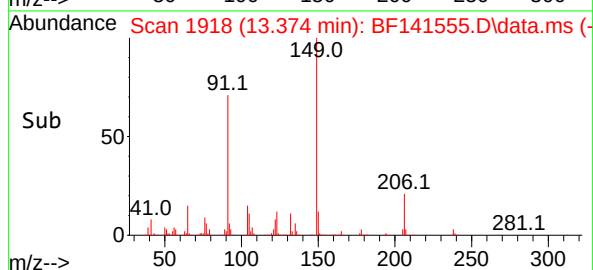
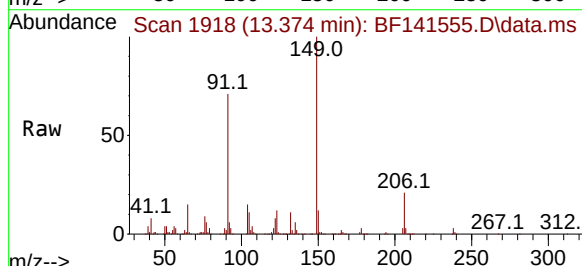
Tgt Ion:149 Resp: 366834

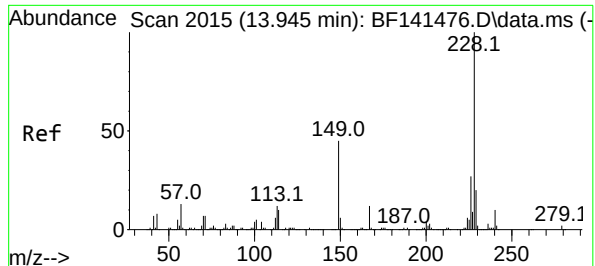
Ion Ratio Lower Upper

149 100

91 70.9 57.8 86.8

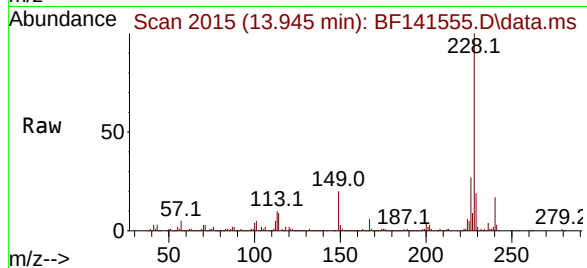
206 20.6 16.7 25.1





#81
Benzo(a)anthracene
Concen: 43.545 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

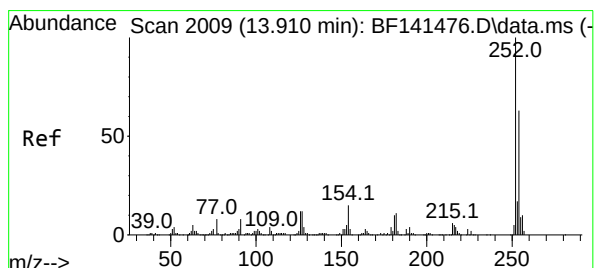
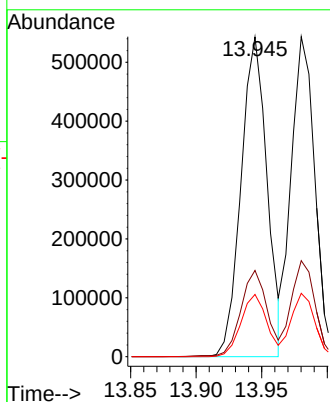
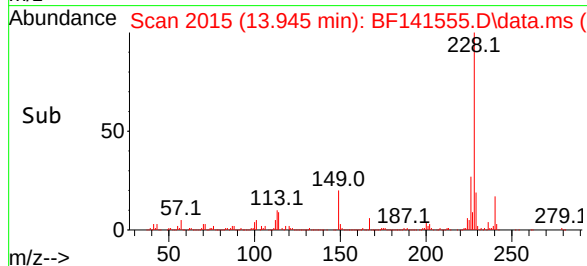
Instrument :
BNA_F
ClientSampleId :
PB166641BS



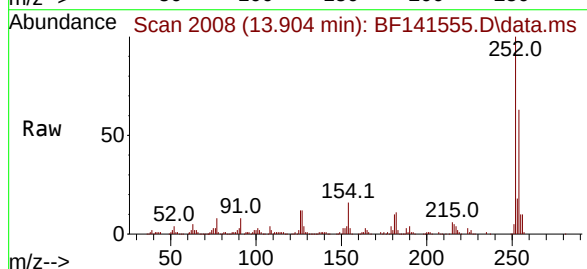
Tgt Ion:228 Resp: 750425
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.5 15.8 23.6

Manual Integrations
APPROVED

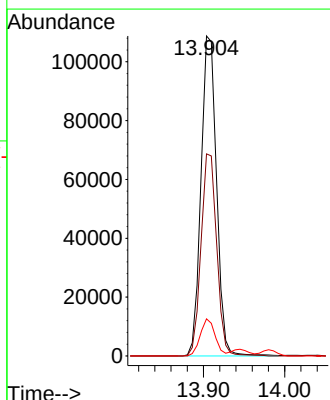
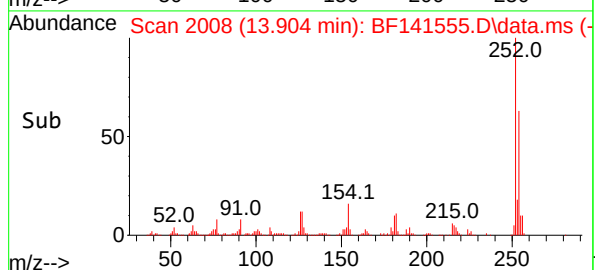
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

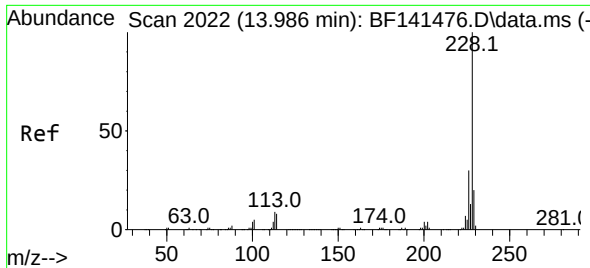


#82
3,3'-Dichlorobenzidine
Concen: 29.286 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13



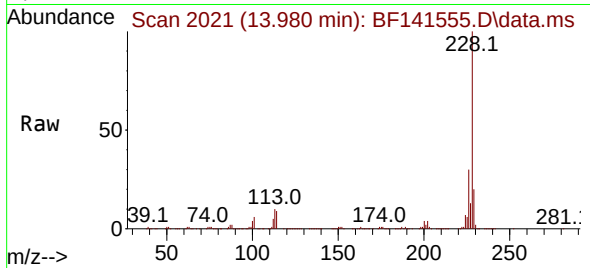
Tgt Ion:252 Resp: 144570
Ion Ratio Lower Upper
252 100
254 63.1 50.6 76.0
126 11.6 9.3 13.9





#83
Chrysene
Concen: 42.714 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

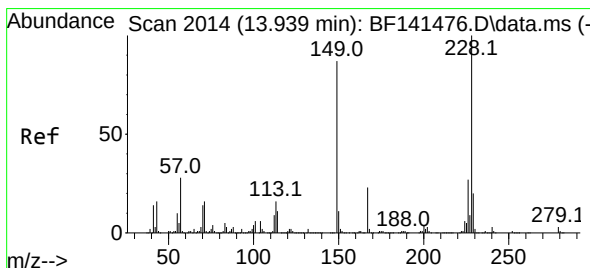
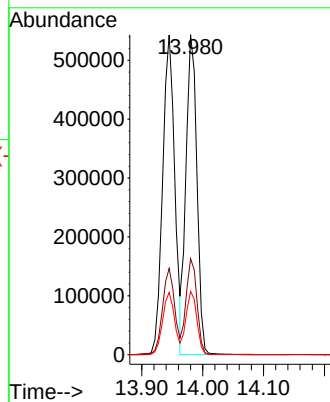
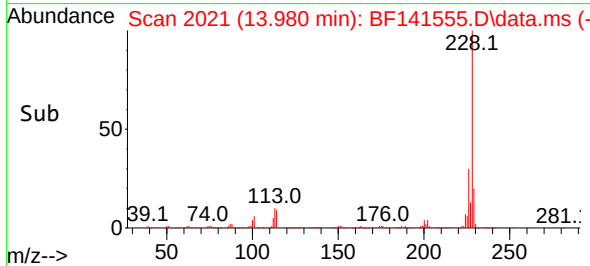
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:228 Resp: 679672
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.8 15.7 23.5

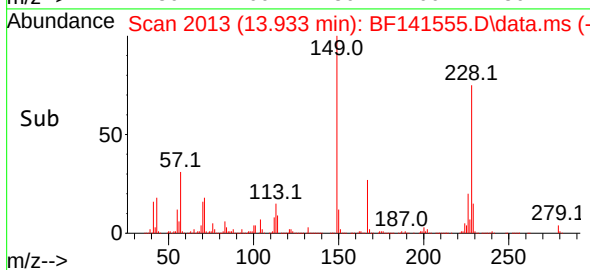
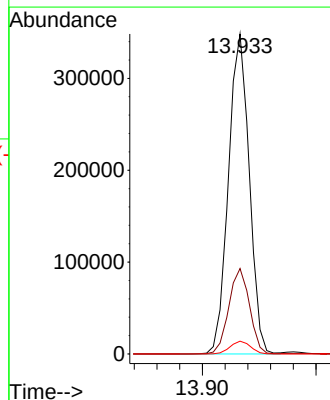
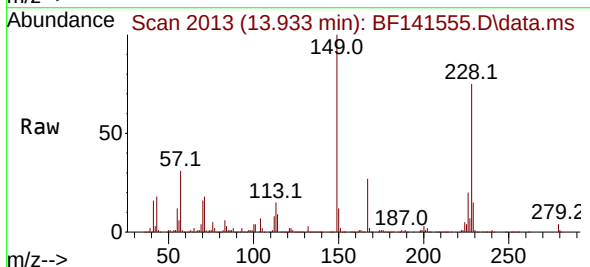
Manual Integrations
APPROVED

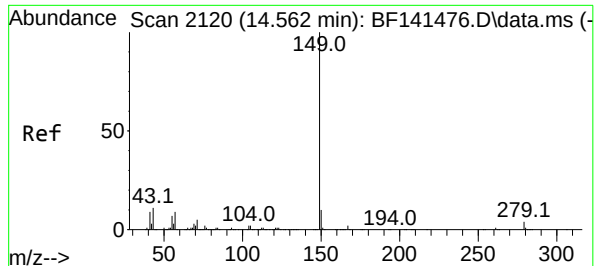
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.416 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:149 Resp: 443280
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 48.638 ng

RT: 14.551 min Scan# 2118

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:149 Resp: 598210

Ion Ratio Lower Upper

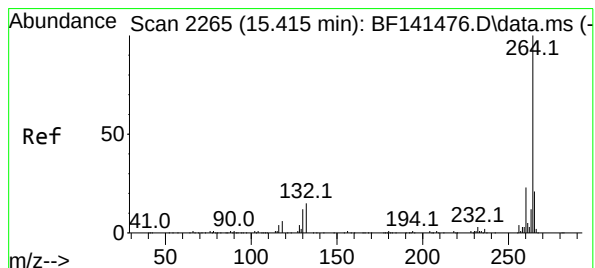
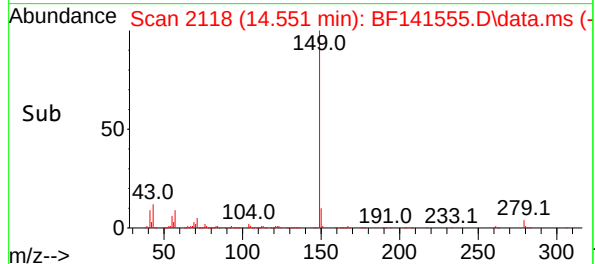
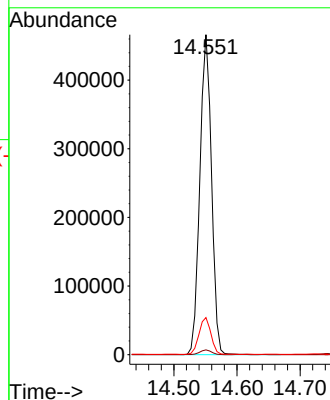
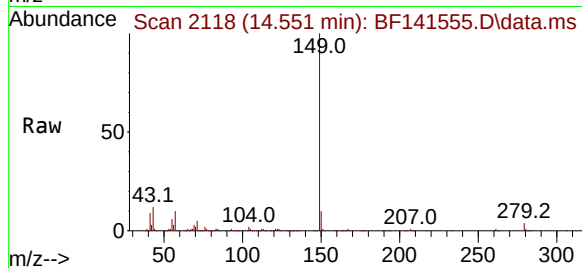
149 100

167 1.5 1.3 1.9

43 11.6 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

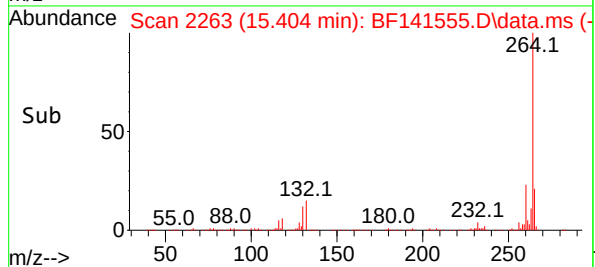
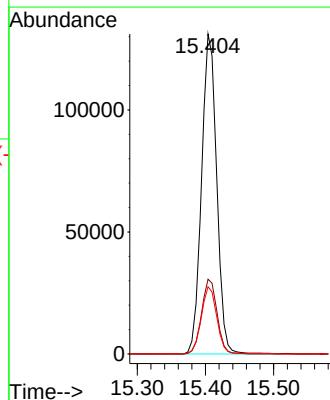
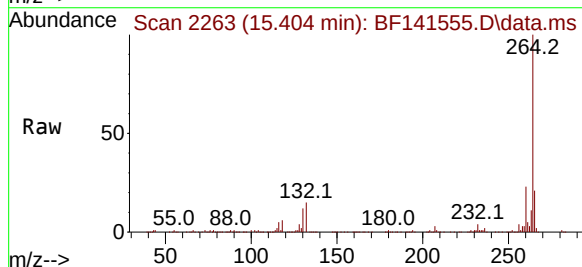
Tgt Ion:264 Resp: 202543

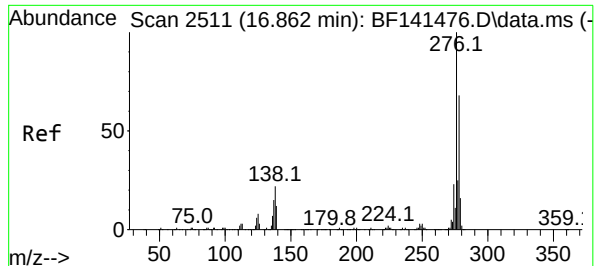
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.937 ng

RT: 16.851 min Scan# 2109

Delta R.T. -0.023 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:276 Resp: 58741

Ion Ratio Lower Upper

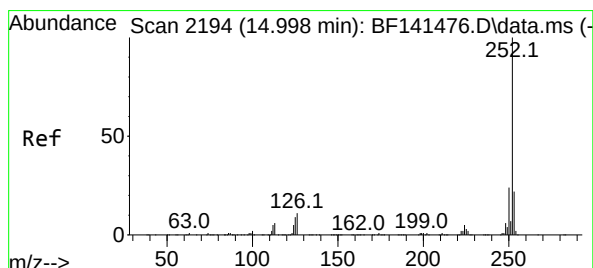
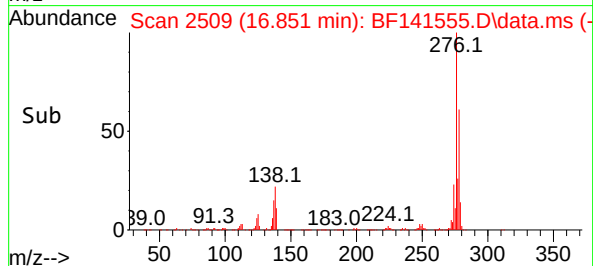
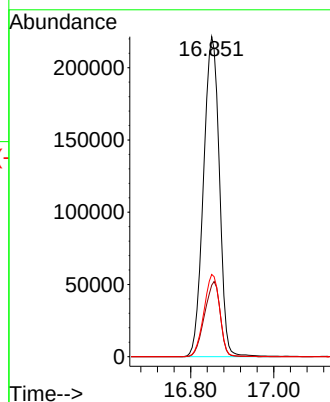
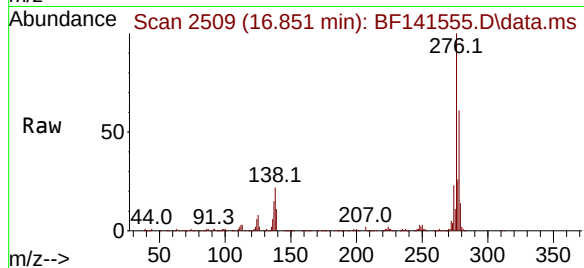
276 100

138 23.1 18.0 27.0

277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#88

Benzo(b)fluoranthene

Concen: 43.373 ng

RT: 14.986 min Scan# 2192

Delta R.T. -0.018 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

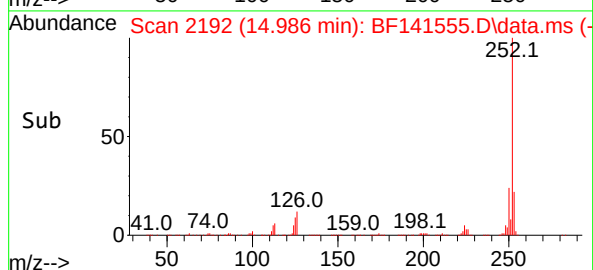
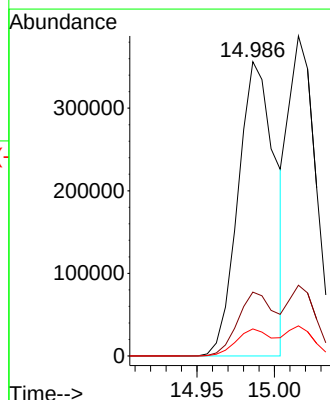
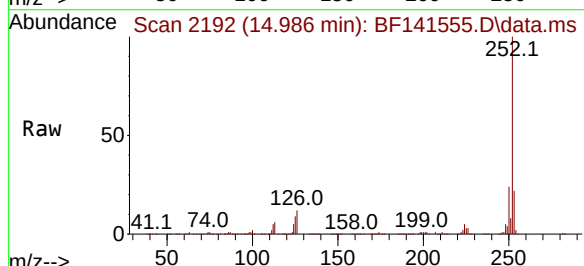
Tgt Ion:252 Resp: 589857

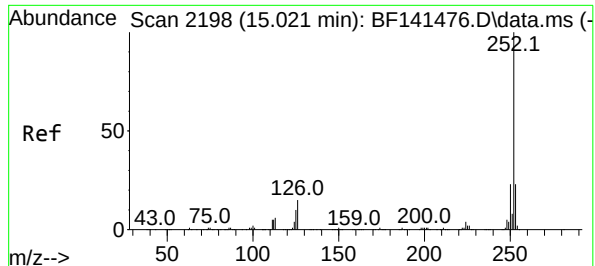
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.011 ng

RT: 15.015 min Scan# 2197

Delta R.T. -0.018 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166641BS

Tgt Ion:252 Resp: 476250

Ion Ratio Lower Upper

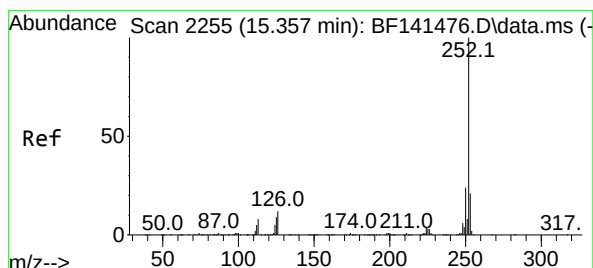
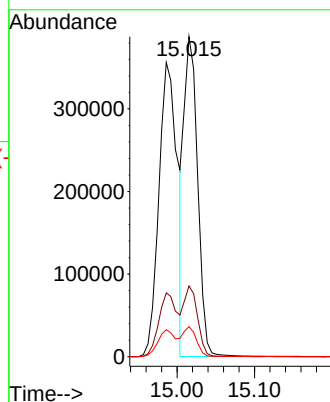
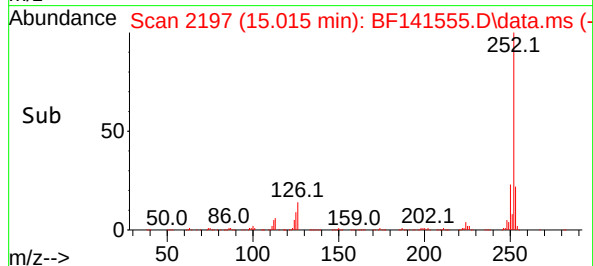
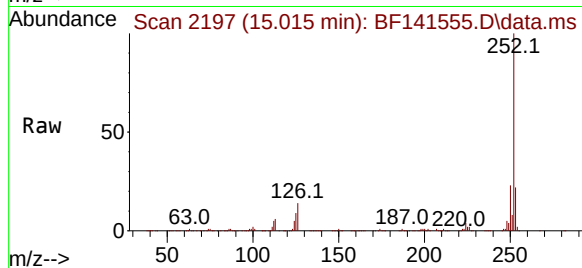
252 100

253 22.1 18.0 27.0

125 9.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#90

Benzo(a)pyrene

Concen: 44.944 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.018 min

Lab File: BF141555.D

Acq: 11 Feb 2025 12:13

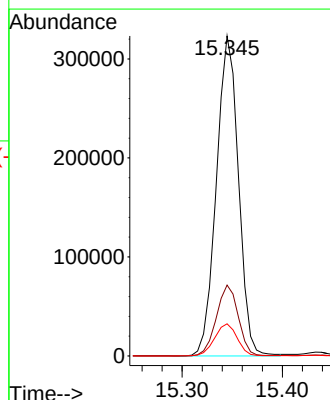
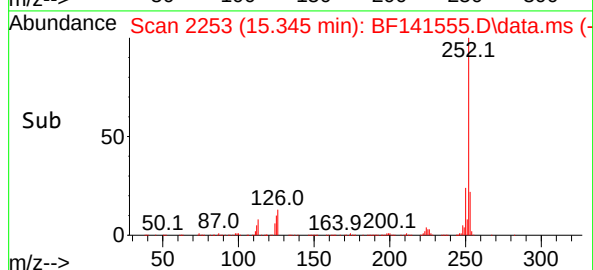
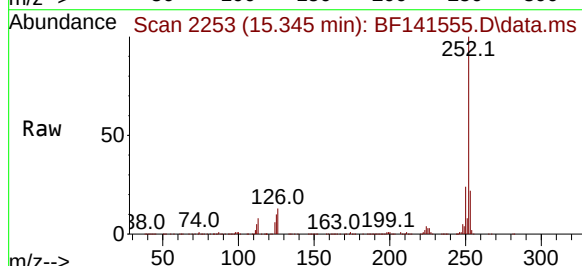
Tgt Ion:252 Resp: 494581

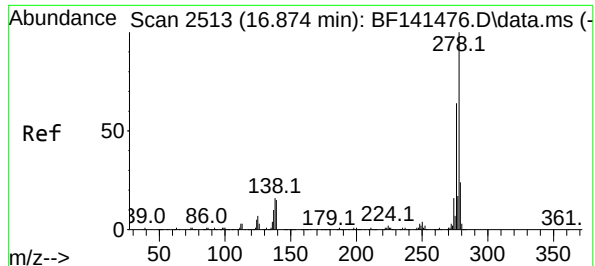
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

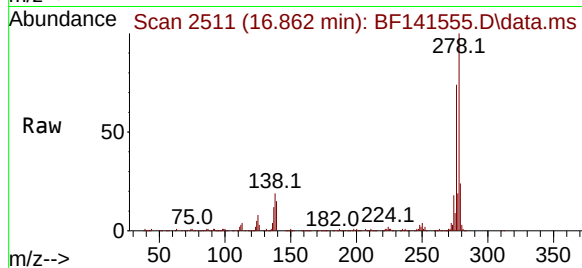
125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 46.815 ng
RT: 16.862 min Scan# 2511
Delta R.T. -0.029 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

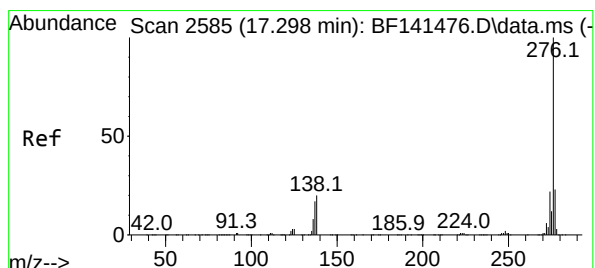
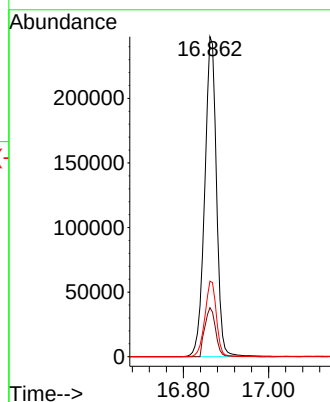
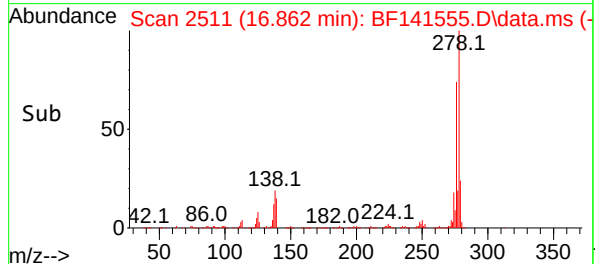
Instrument :
BNA_F
ClientSampleId :
PB166641BS



Tgt Ion:278 Resp: 474734
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.6
279 23.6 19.1 28.7

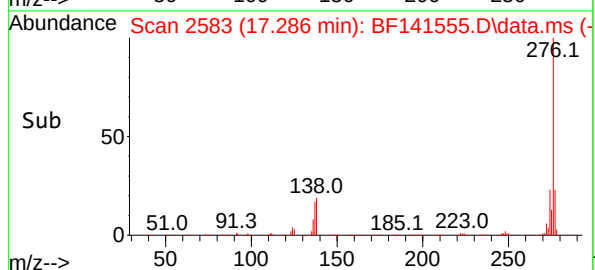
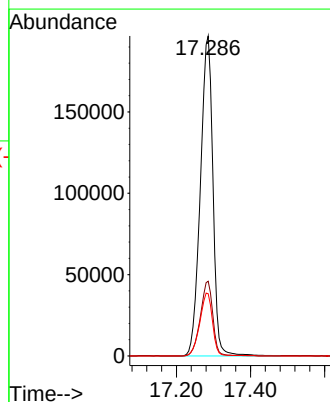
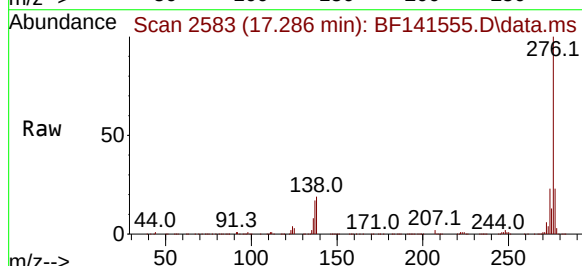
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 43.577 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141555.D
Acq: 11 Feb 2025 12:13

Tgt Ion:276 Resp: 462433
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 19.5 15.9 23.9



Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BSD	SDG No.:	Q1331
Lab Sample ID:	PB166641BSD	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
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	41.3		4.00	10.0	ug/L
108-95-2	Phenol	41.8		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	43.7		0.71	5.00	ug/L
95-48-7	2-Methylphenol	44.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.3		1.40	5.00	ug/L
98-86-2	Acetophenone	45.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.7		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.4		1.50	2.50	ug/L
67-72-1	Hexachloroethane	43.6		1.00	5.00	ug/L
98-95-3	Nitrobenzene	41.4		1.30	5.00	ug/L
78-59-1	Isophorone	45.7		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	42.9		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	55.4		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	42.7		0.88	5.00	ug/L
91-20-3	Naphthalene	40.7		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	22.8		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.0		1.30	5.00	ug/L
105-60-2	Caprolactam	48.9		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.0		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	40.5		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	41.8		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	41.5		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	45.3		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	41.5		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	42.1		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	42.8		0.93	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BSD	SDG No.:	Q1331
Lab Sample ID:	PB166641BSD	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
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	43.9		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.9		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	26.7		1.40	5.00	ug/L
83-32-9	Acenaphthene	40.8		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	95.3	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	87.1	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	40.6		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	44.1		1.50	5.00	ug/L
84-66-2	Diethylphthalate	42.2		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.3		0.98	5.00	ug/L
86-73-7	Fluorene	41.4		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	41.0		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	42.1		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.6		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.0		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	43.7		1.10	5.00	ug/L
1912-24-9	Atrazine	55.6		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	80.4	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	41.9		0.89	5.00	ug/L
120-12-7	Anthracene	43.0		1.10	5.00	ug/L
86-74-8	Carbazole	41.8		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.0		1.50	5.00	ug/L
206-44-0	Fluoranthene	41.8		1.30	5.00	ug/L
129-00-0	Pyrene	42.1		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	47.6		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	29.1		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	42.3		0.94	5.00	ug/L
218-01-9	Chrysene	41.8		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.0		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.2		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	42.5		1.10	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB166641BSD	SDG No.:	Q1331
Lab Sample ID:	PB166641BSD	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
BF141556.D	1	02/10/25 08:35	02/11/25 12:39	PB166641

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	42.4		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.9		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.1		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.1		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.4		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.9		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	39.7		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.2		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	125		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.8		30 (49) - 130 (133)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.6		30 (52) - 130 (132)	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		15 (44) - 110 (137)	86%	SPK: 150
1718-51-0	Terphenyl-d14	93.2		30 (48) - 130 (125)	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	100000	6.787			
1146-65-2	Naphthalene-d8	407000	8.069			
15067-26-2	Acenaphthene-d10	229000	9.828			
1517-22-2	Phenanthrene-d10	402000	11.316			
1719-03-5	Chrysene-d12	279000	13.957			
1520-96-3	Perylene-d12	209000	15.404			

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\BF021125\
 Data File : BF141556.D
 Acq On : 11 Feb 2025 12:39
 Operator : RC/JU
 Sample : PB166641BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 13:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	100463	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	407334	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	229450	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	402356	20.000	ng	0.00
76) Chrysene-d12	13.957	240	278936	20.000	ng	0.00
86) Perylene-d12	15.404	264	208701	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	821445	128.188	ng	0.01
7) Phenol-d6	6.434	99	1011374	124.871	ng	0.00
23) Nitrobenzene-d5	7.357	82	685715	87.804	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	298733	129.606	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1289102	86.557	ng	0.00
79) Terphenyl-d14	12.898	244	1540131	93.212	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	102326	39.675	ng	99
3) Pyridine	3.322	79	245704	40.034	ng	100
4) n-Nitrosodimethylamine	3.269	42	167177	41.138	ng	99
6) Aniline	6.451	93	290205	38.197	ng	88
8) 2-Chlorophenol	6.575	128	302453	43.680	ng	98
9) Benzaldehyde	6.340	77	177613	41.267	ng	100
10) Phenol	6.446	94	352597	41.827	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	269427	42.552	ng	100
12) 1,3-Dichlorobenzene	6.728	146	308744	42.235	ng	98
13) 1,4-Dichlorobenzene	6.804	146	315260	42.210	ng	99
14) 1,2-Dichlorobenzene	6.957	146	301224	43.455	ng	99
15) Benzyl Alcohol	6.934	79	266752	42.948	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	458126	42.267	ng	77
17) 2-Methylphenol	7.051	107	238201	43.960	ng	98
18) Hexachloroethane	7.298	117	120574	43.621	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	210028	43.352	ng	99
20) 3+4-Methylphenols	7.204	107	301022	43.713	ng	99
22) Acetophenone	7.198	105	460937	45.490	ng	98
24) Nitrobenzene	7.375	77	315513	41.431	ng	100
25) Isophorone	7.610	82	569556	45.740	ng	99
26) 2-Nitrophenol	7.687	139	162437	42.873	ng	98
27) 2,4-Dimethylphenol	7.728	122	245419	55.448	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	346682	43.449	ng	100
29) 2,4-Dichlorophenol	7.934	162	255327	42.695	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	269993	41.459	ng	99
31) Naphthalene	8.092	128	863361	40.718	ng	100
32) Benzoic acid	7.875	122	196214	42.679	ng	98
33) 4-Chloroaniline	8.145	127	169079	22.840	ng	99
34) Hexachlorobutadiene	8.210	225	168186	43.019	ng	99
35) Caprolactam	8.522	113	88969m	48.862	ng	
36) 4-Chloro-3-methylphenol	8.634	107	284863	43.002	ng	100
37) 2-Methylnaphthalene	8.787	142	558396	40.470	ng	99
38) 1-Methylnaphthalene	8.881	142	547773	40.990	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	304990	45.944	ng	99
41) Hexachlorocyclopentadiene	8.934	237	334036	151.288	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	179321	41.796	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141556.D
 Acq On : 11 Feb 2025 12:39
 Operator : RC/JU
 Sample : PB166641BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 11 13:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

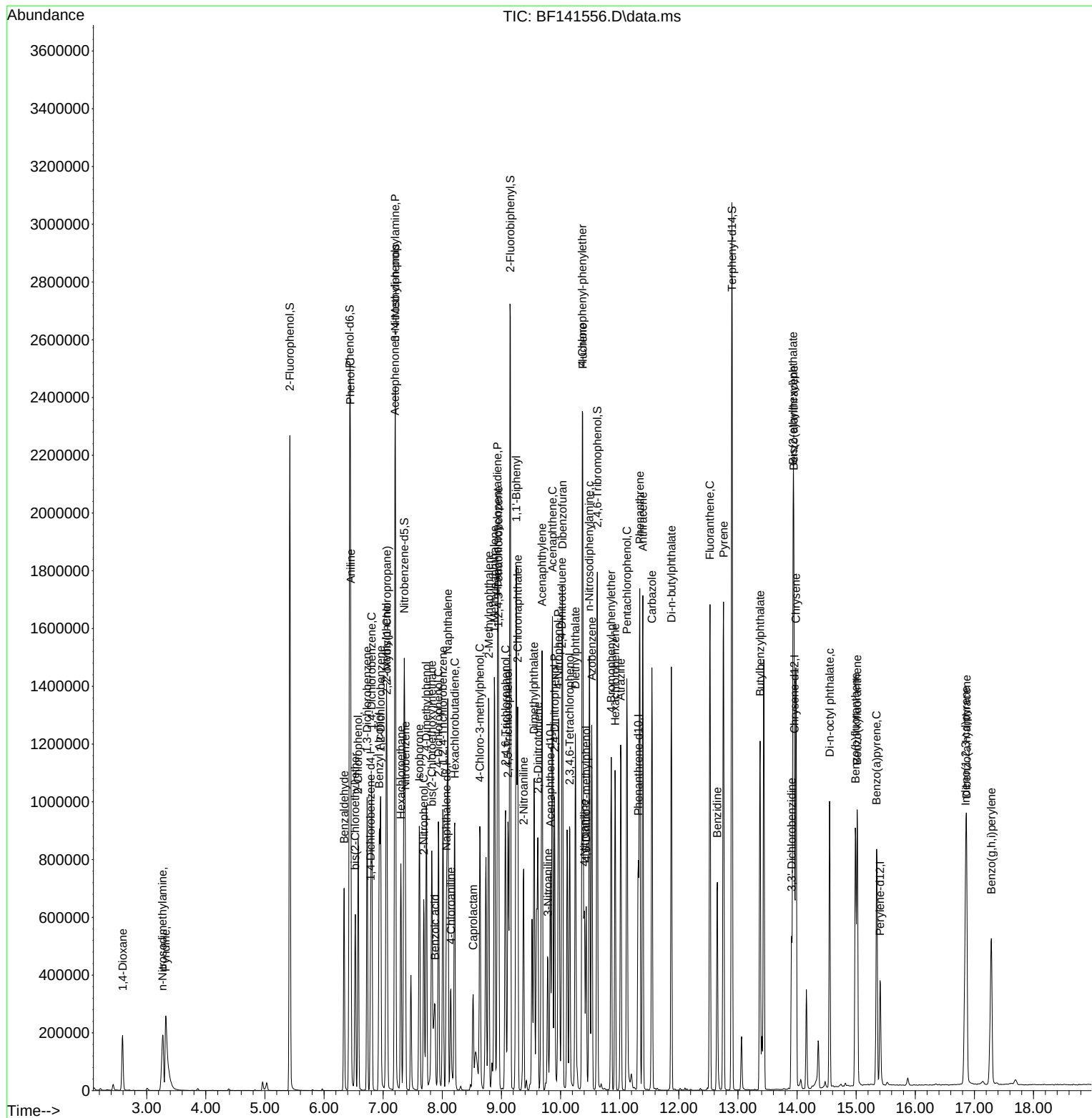
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	192991	41.505	ng	97
46) 1,1'-Biphenyl	9.251	154	806153	45.318	ng	99
47) 2-Chloronaphthalene	9.275	162	545427	41.464	ng	99
48) 2-Nitroaniline	9.375	65	185673	42.059	ng	97
49) Acenaphthylene	9.687	152	858311	43.868	ng	99
50) Dimethylphthalate	9.551	163	667368	42.844	ng	99
51) 2,6-Dinitrotoluene	9.616	165	149321	43.851	ng	98
52) Acenaphthene	9.863	154	536537	40.790	ng	98
53) 3-Nitroaniline	9.787	138	97765	26.675	ng	99
54) 2,4-Dinitrophenol	9.898	184	192838	95.285	ng	95
55) Dibenzofuran	10.034	168	783601	40.586	ng	100
56) 4-Nitrophenol	9.963	139	237073	87.138	ng	97
57) 2,4-Dinitrotoluene	10.022	165	199748	44.064	ng	99
58) Fluorene	10.375	166	617701	41.378	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	168756	42.155	ng	97
60) Diethylphthalate	10.251	149	647157	42.227	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	303921	42.318	ng	98
62) 4-Nitroaniline	10.404	138	152488	40.975	ng	98
63) Azobenzene	10.528	77	627963	41.216	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	117806	42.149	ng	97
66) n-Nitrosodiphenylamine	10.486	169	548317	42.572	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	188791	41.983	ng	96
68) Hexachlorobenzene	10.922	284	202425	43.715	ng	98
69) Atrazine	11.016	200	214852	55.604	ng	99
70) Pentachlorophenol	11.122	266	238002	80.383	ng	98
71) Phenanthrene	11.339	178	927461	41.876	ng	100
72) Anthracene	11.392	178	958029	43.030	ng	100
73) Carbazole	11.545	167	837723	41.817	ng	100
74) Di-n-butylphthalate	11.875	149	1018839	44.046	ng	100
75) Fluoranthene	12.528	202	980670	41.764	ng	100
77) Benzidine	12.651	184	395565	64.301	ng	100
78) Pyrene	12.757	202	999960	42.112	ng	99
80) Butylbenzylphthalate	13.374	149	391651	47.620	ng	98
81) Benzo(a)anthracene	13.945	228	784289	42.298	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	154605	29.108	ng	99
83) Chrysene	13.980	228	716168	41.831	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	473513	51.047	ng	100
85) Di-n-octyl phthalate	14.551	149	637398	48.167	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	595023	46.142	ng	99
88) Benzo(b)fluoranthene	14.986	252	595185	42.473	ng	99
89) Benzo(k)fluoranthene	15.016	252	507697	42.428	ng	99
90) Benzo(a)pyrene	15.345	252	509675	44.949	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	481981	46.127	ng	99
92) Benzo(g,h,i)perylene	17.286	276	463543	42.393	ng	99

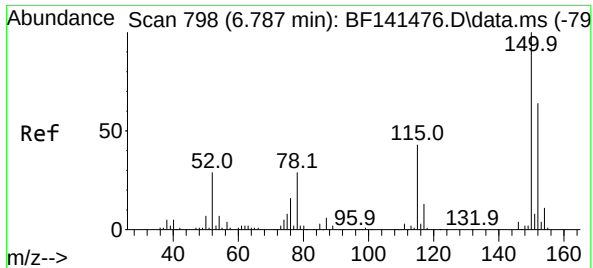
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Manual Integrations APPROVED

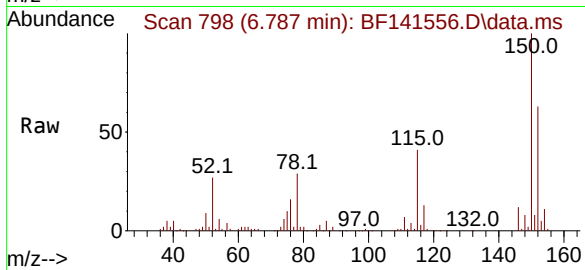
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

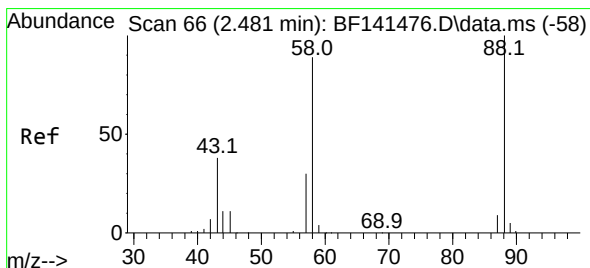
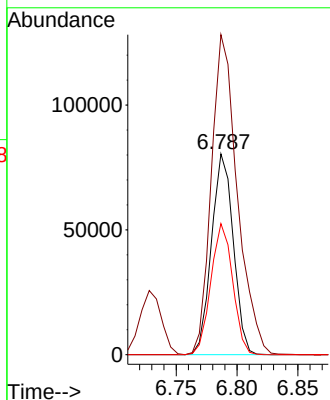
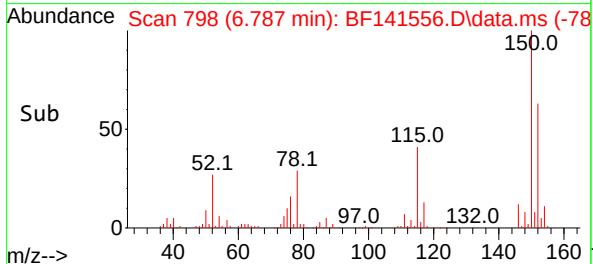
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:152 Resp: 10046
Ion Ratio Lower Upper
152 100
150 159.4 125.0 187.4
115 65.3 53.6 80.4

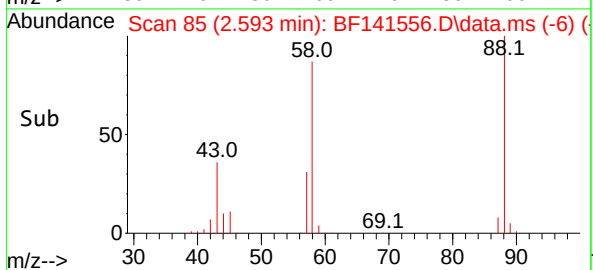
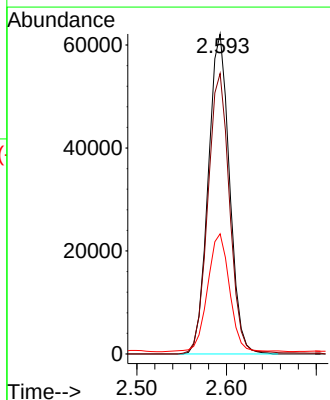
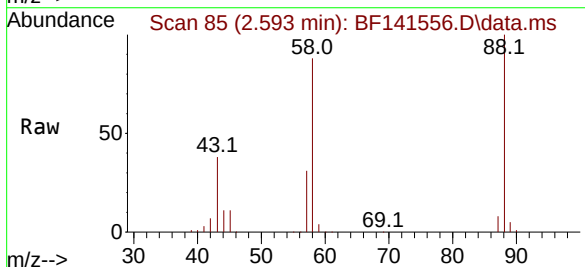
Manual Integrations
APPROVED

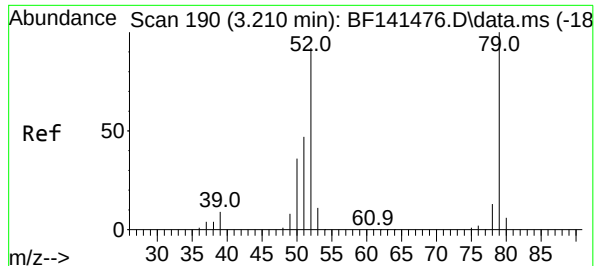
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#2
1,4-Dioxane
Concen: 39.675 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.112 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion: 88 Resp: 102326
Ion Ratio Lower Upper
88 100
58 89.8 71.1 106.7
43 38.0 30.6 46.0





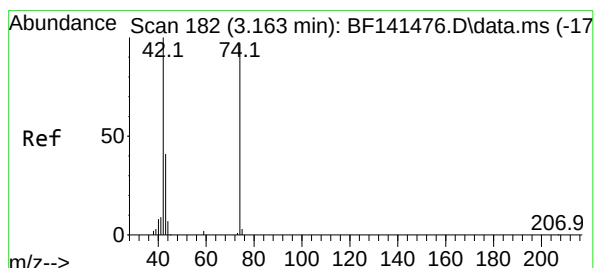
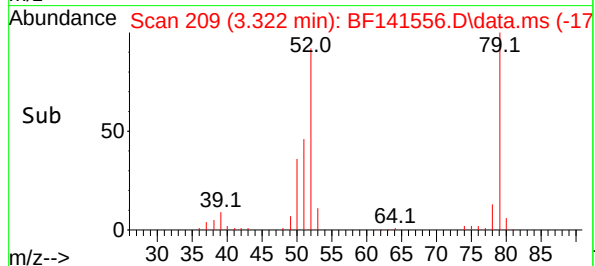
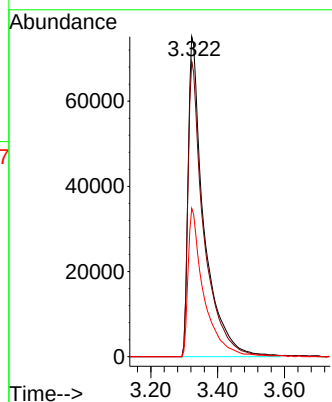
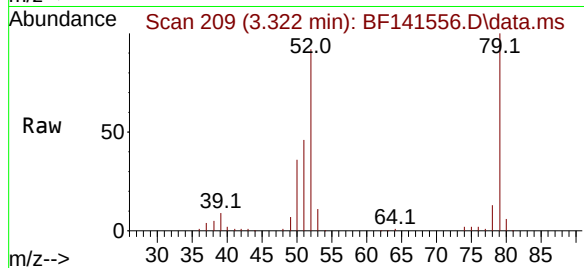
#3
Pyridine
Concen: 40.034 ng
RT: 3.322 min Scan# 200
Delta R.T. 0.106 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion: 79 Resp: 245704
Ion Ratio Lower Upper
79 100
52 92.3 73.7 110.5
51 46.4 37.5 56.3

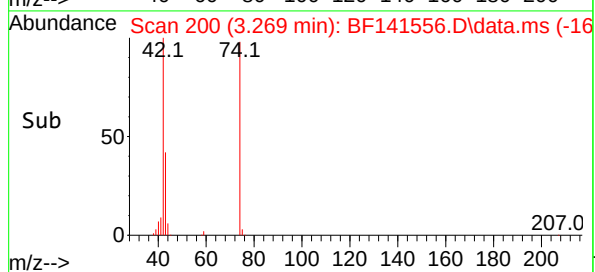
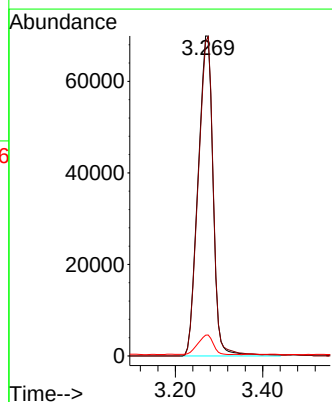
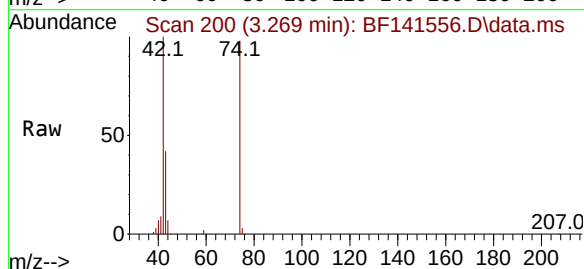
Manual Integrations
APPROVED

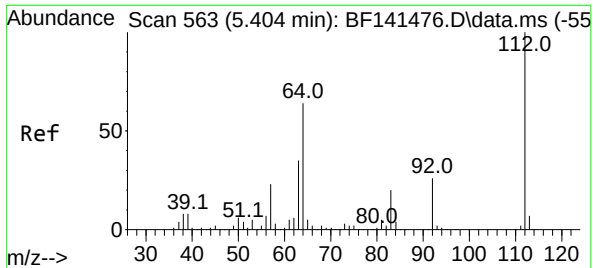
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#4
n-Nitrosodimethylamine
Concen: 41.138 ng
RT: 3.269 min Scan# 200
Delta R.T. 0.083 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

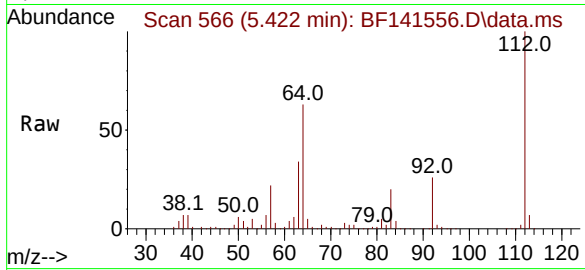
Tgt Ion: 42 Resp: 167177
Ion Ratio Lower Upper
42 100
74 98.2 78.0 117.0
44 6.5 5.4 8.2





#5
2-Fluorophenol
Concen: 128.188 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

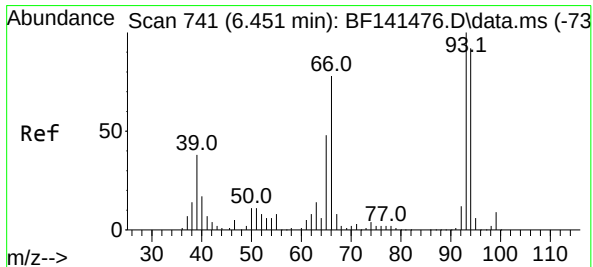
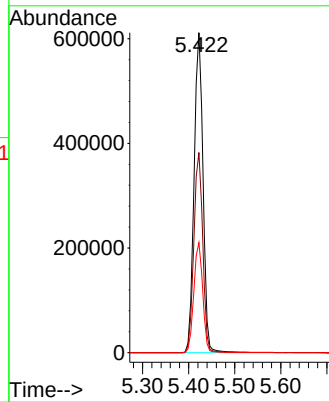
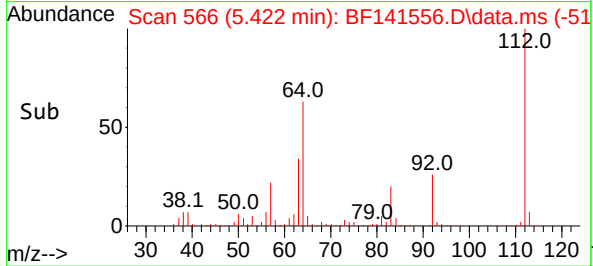
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:112 Resp: 82144
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 34.4 28.4 42.6

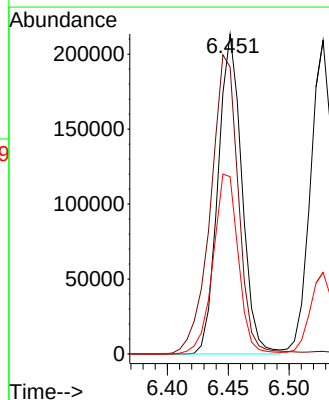
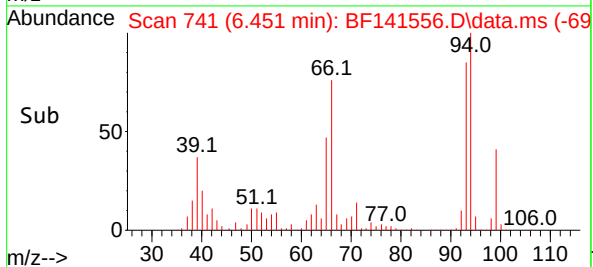
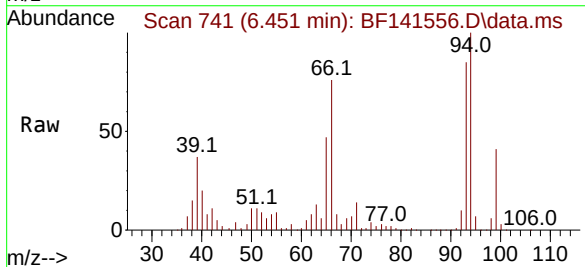
Manual Integrations
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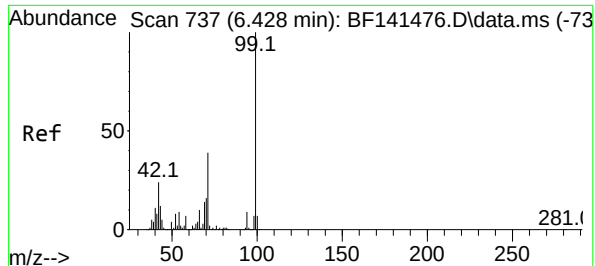
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#6
Aniline
Concen: 38.197 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

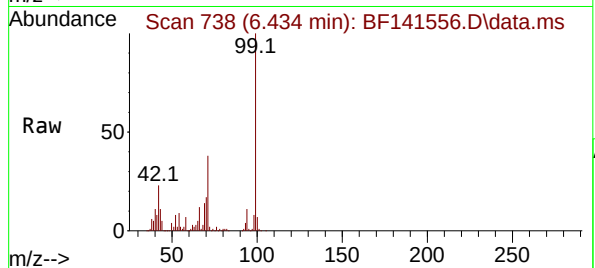
Tgt Ion: 93 Resp: 290205
Ion Ratio Lower Upper
93 100
66 89.6 62.6 94.0
65 55.4 38.3 57.5





#7
Phenol-d6
Concen: 124.871 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

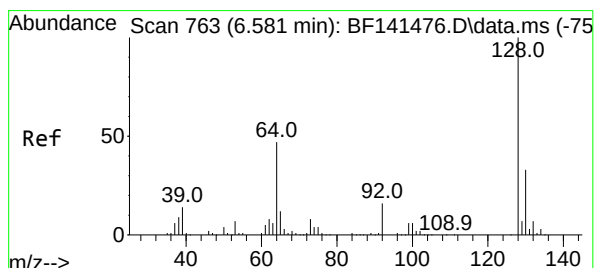
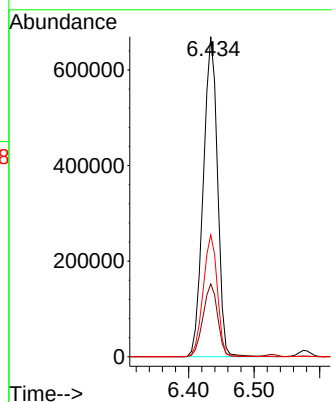
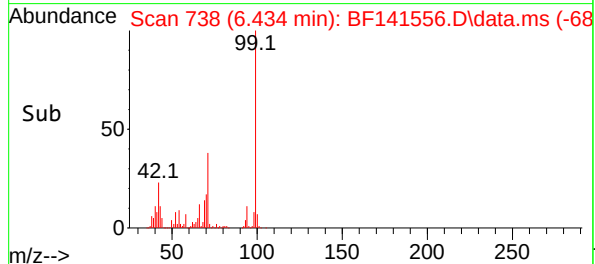
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion: 99 Resp: 1011374
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 38.0 31.1 46.7

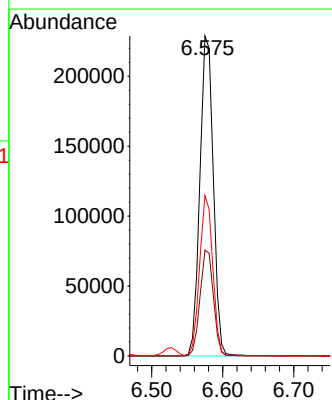
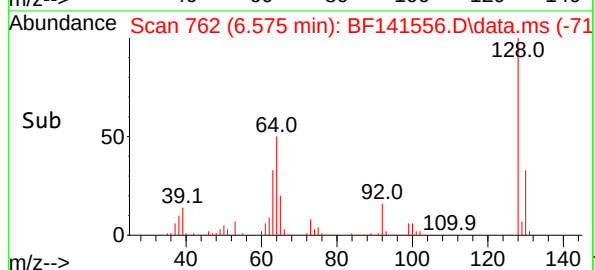
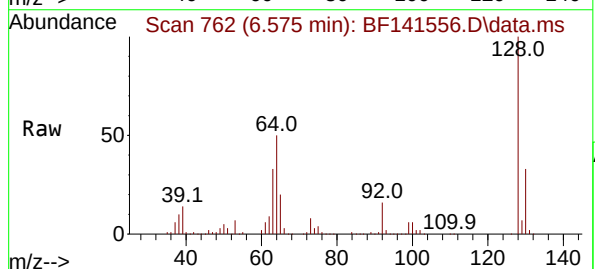
Manual Integrations
APPROVED

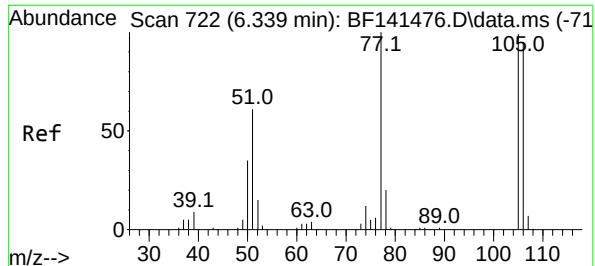
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#8
2-Chlorophenol
Concen: 43.680 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:128 Resp: 302453
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 50.1 28.3 68.3





#9

Benzaldehyde

Concen: 41.267 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion: 77 Resp: 17761

Ion Ratio Lower Upper

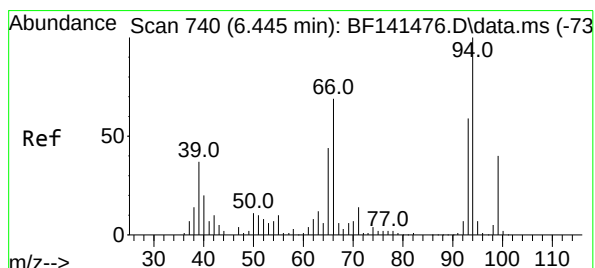
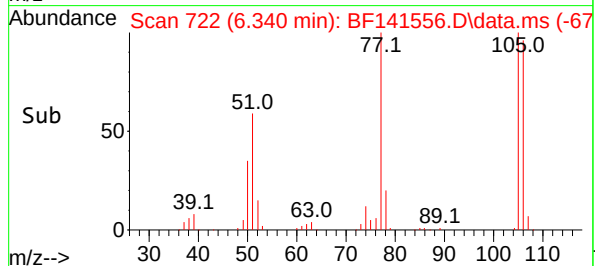
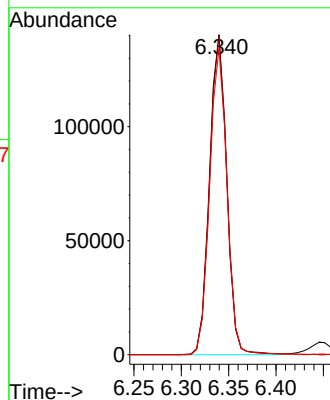
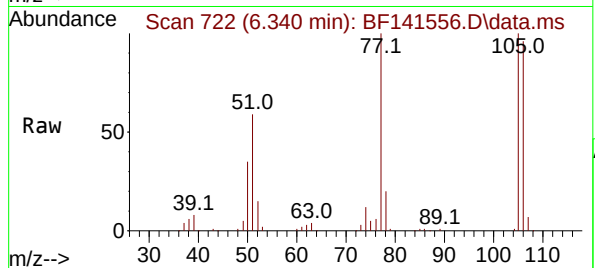
77 100

105 99.8 79.4 119.4

106 95.7 75.1 115.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#10

Phenol

Concen: 41.827 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

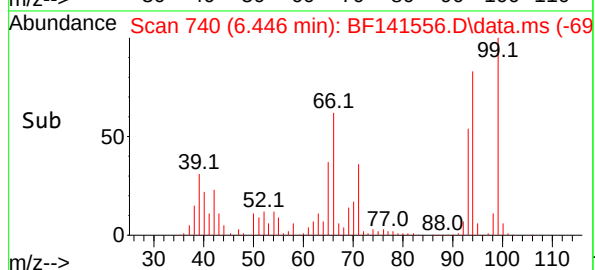
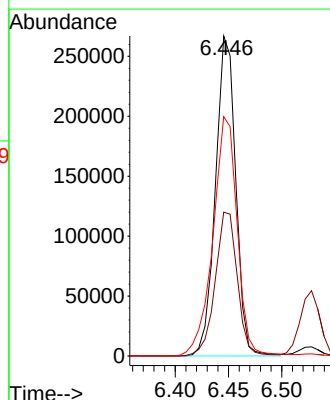
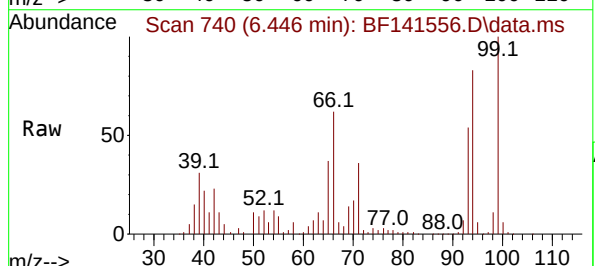
Tgt Ion: 94 Resp: 352597

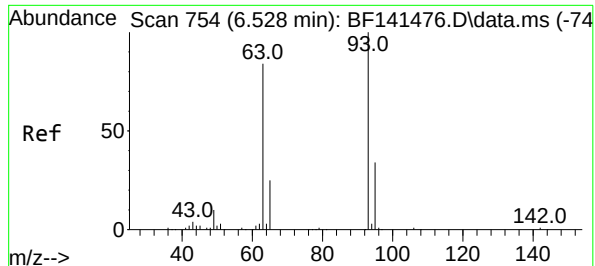
Ion Ratio Lower Upper

94 100

65 44.9 23.7 63.7

66 74.8 49.3 89.3





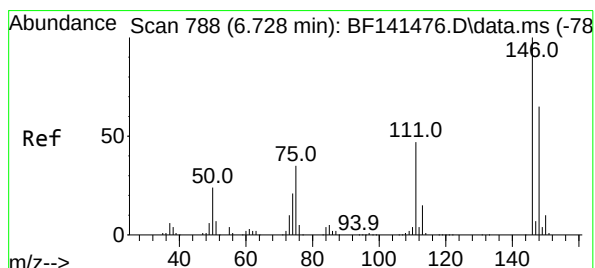
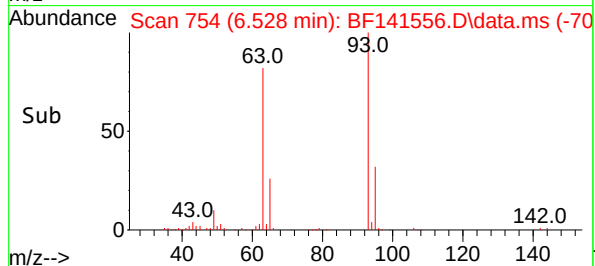
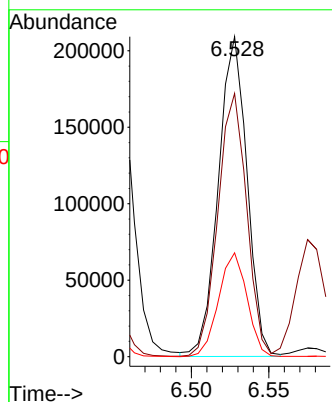
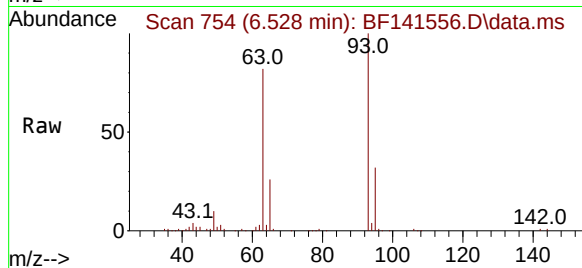
#11
bis(2-Chloroethyl)ether
Concen: 42.552 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion: 93 Resp: 26942
Ion Ratio Lower Upper
93 100
63 82.3 62.0 102.0
95 32.5 12.6 52.6

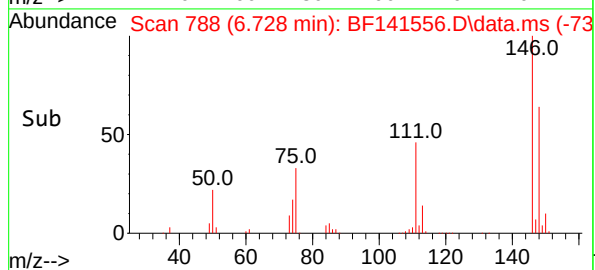
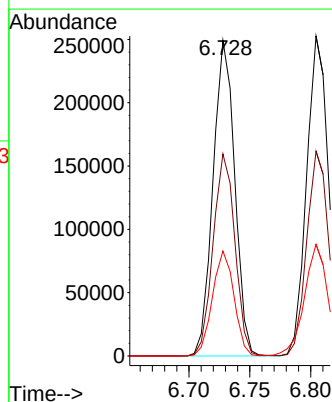
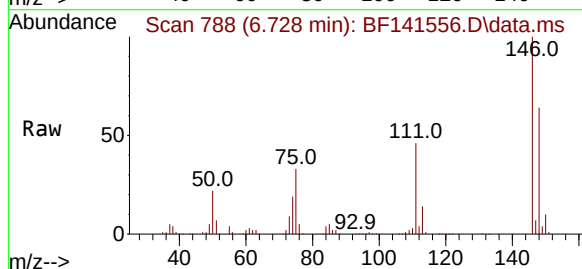
Manual Integrations
APPROVED

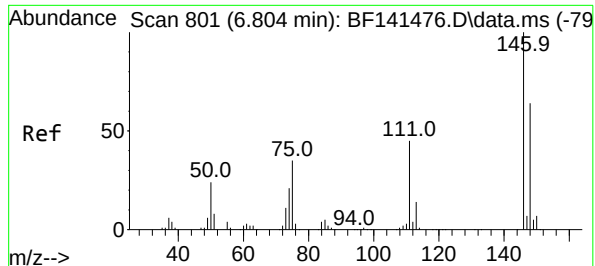
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 42.235 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:146 Resp: 308744
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 33.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.210 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:146 Resp: 315260

Ion Ratio Lower Upper

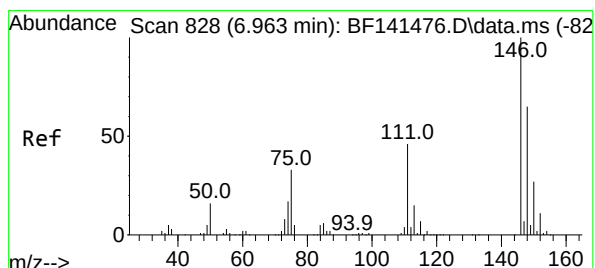
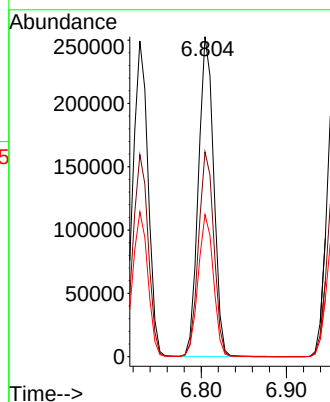
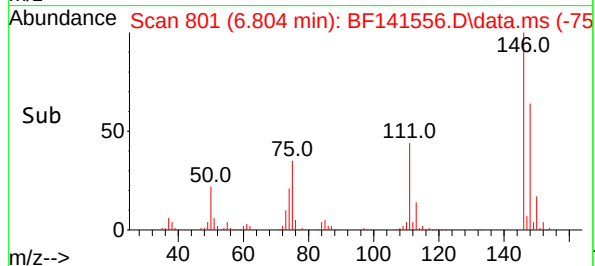
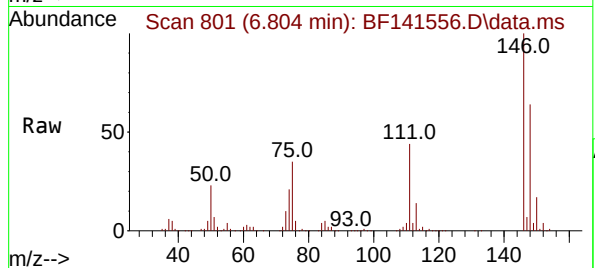
146 100

148 64.0 50.9 76.3

111 44.4 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#14

1,2-Dichlorobenzene

Concen: 43.455 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

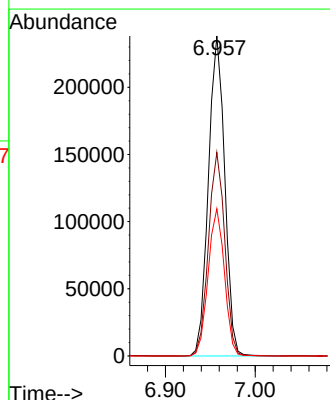
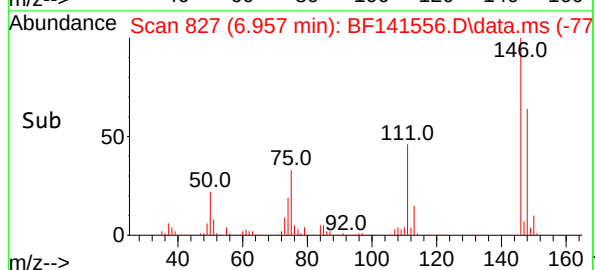
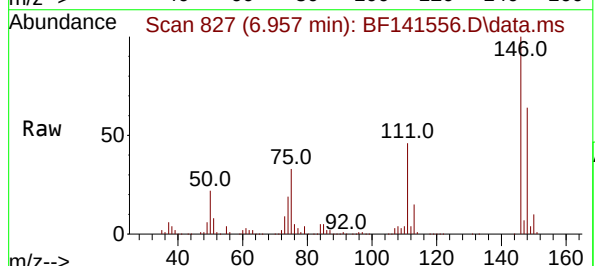
Tgt Ion:146 Resp: 301224

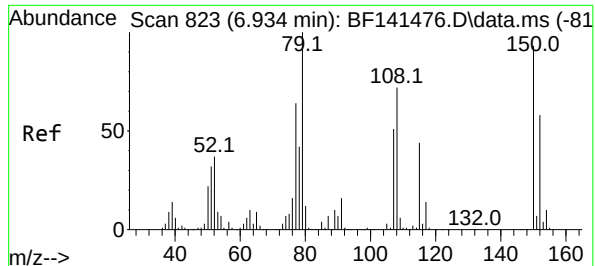
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

111 46.0 37.0 55.4





#15

Benzyl Alcohol

Concen: 42.948 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion: 79 Resp: 266752

Ion Ratio Lower Upper

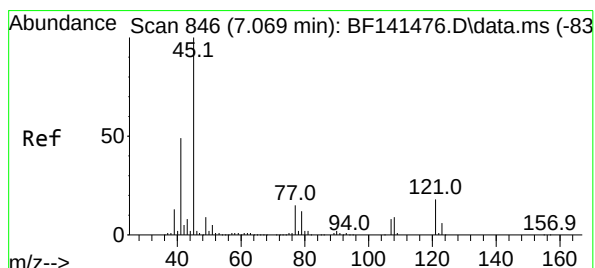
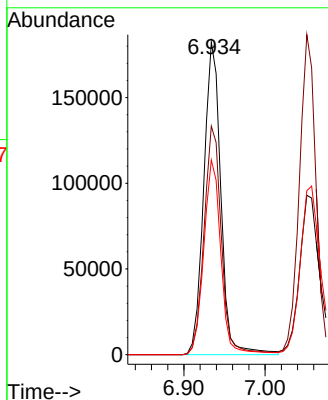
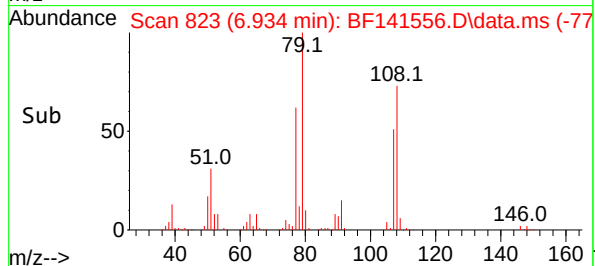
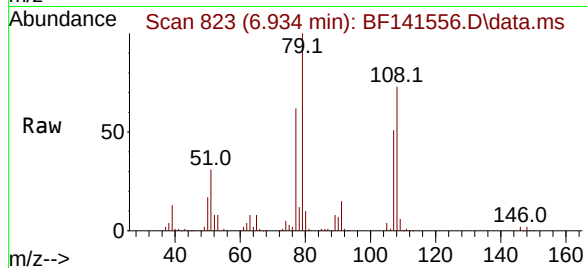
79 100

108 73.1 57.4 86.2

77 62.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.267 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

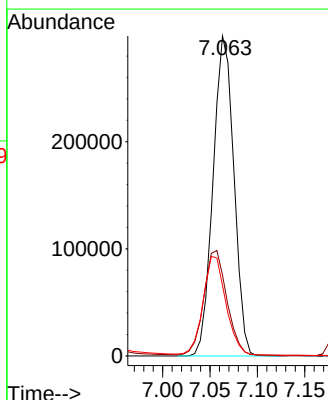
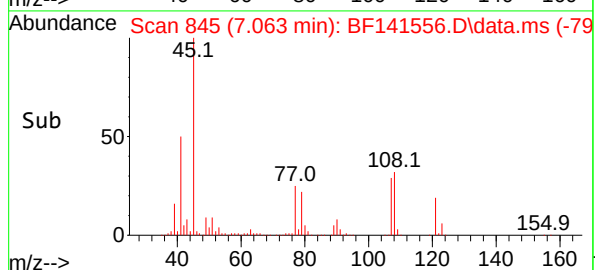
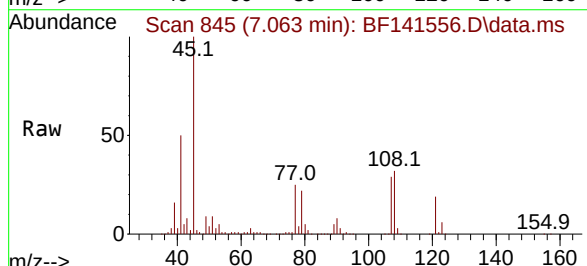
Tgt Ion: 45 Resp: 458126

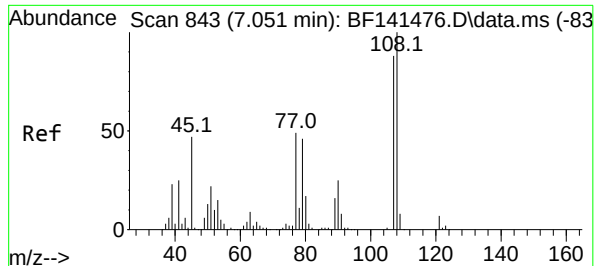
Ion Ratio Lower Upper

45 100

77 25.3 0.0 35.8

79 22.0 0.0 32.7





#17

2-Methylphenol

Concen: 43.960 ng

RT: 7.051 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:107 Resp: 23820

Ion Ratio Lower Upper

107 100

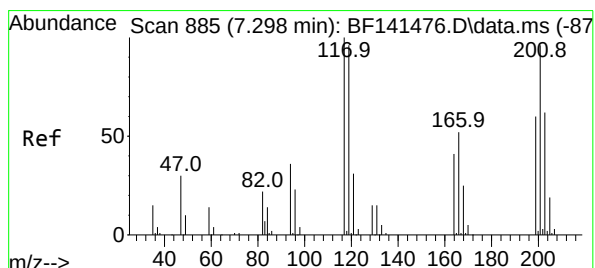
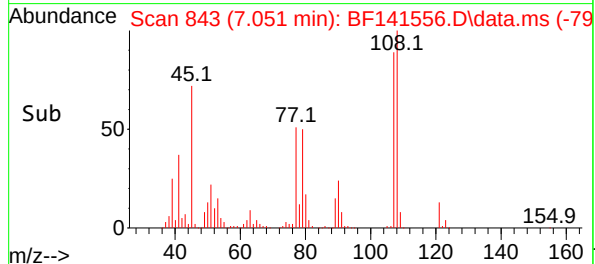
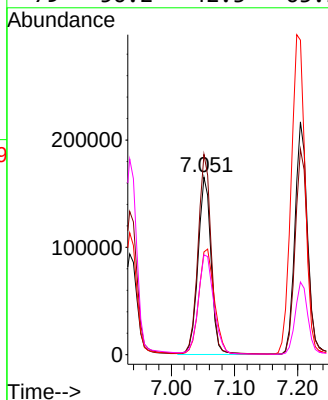
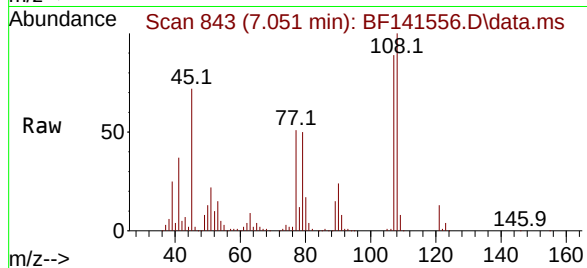
108 112.9 90.6 136.0

77 57.9 44.4 66.6

79 56.2 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#18

Hexachloroethane

Concen: 43.621 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

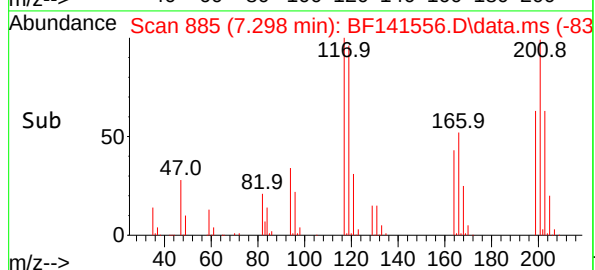
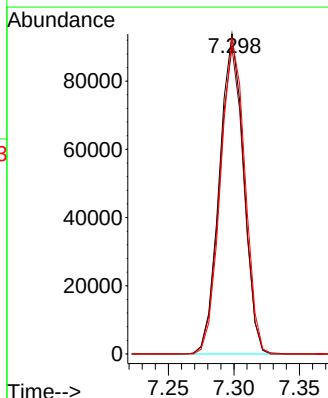
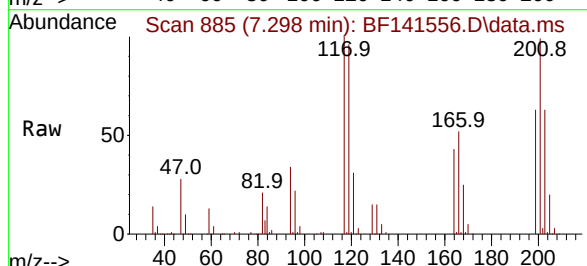
Tgt Ion:117 Resp: 120574

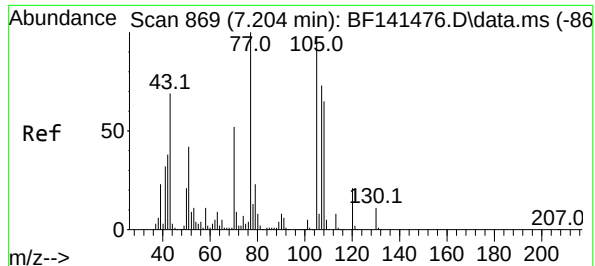
Ion Ratio Lower Upper

117 100

119 95.7 76.5 114.7

201 98.6 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.352 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion: 70 Resp: 210028

Ion Ratio Lower Upper

70 100

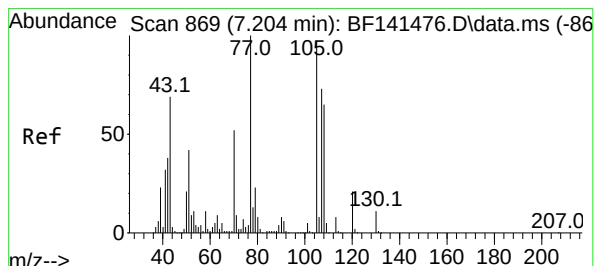
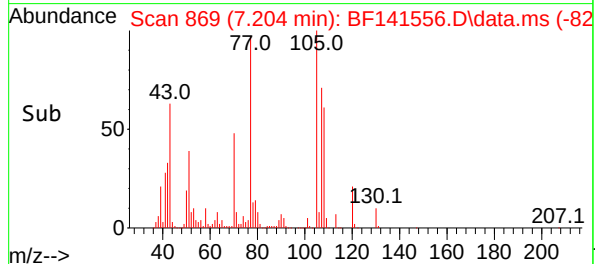
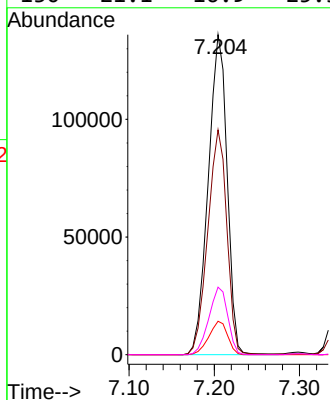
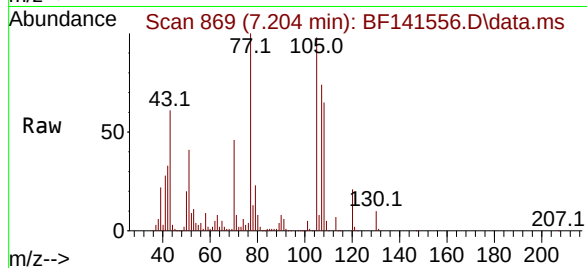
42 70.3 57.4 86.2

101 10.4 8.0 12.0

130 21.1 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#20

3+4-Methylphenols

Concen: 43.713 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Tgt Ion:107 Resp: 301022

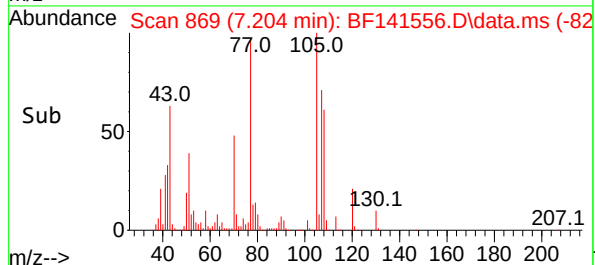
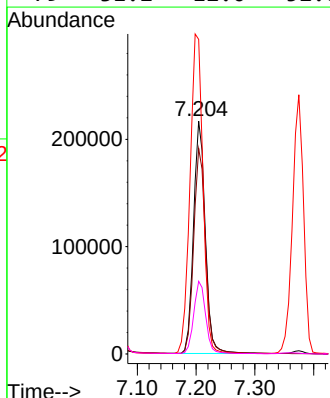
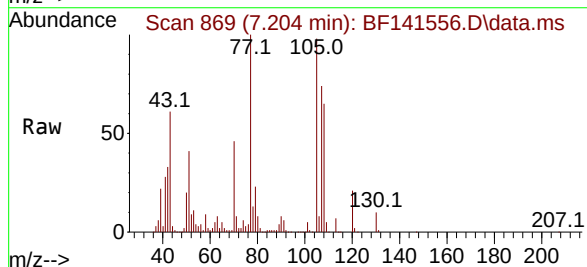
Ion Ratio Lower Upper

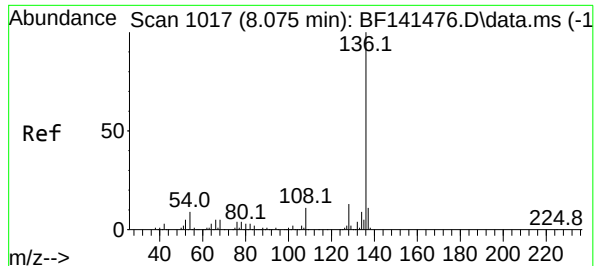
107 100

108 88.2 68.5 108.5

77 135.1 116.5 156.5

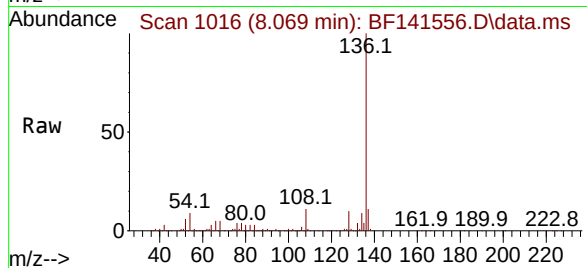
79 31.2 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

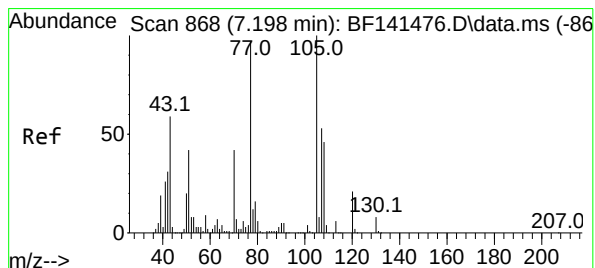
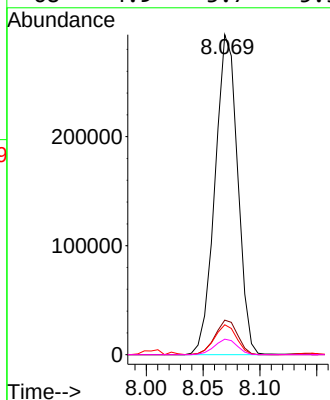
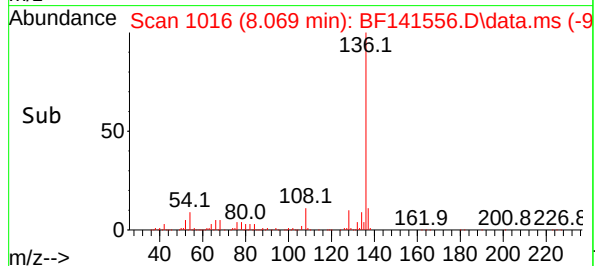
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:136 Resp: 407334
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.4 7.2 10.8
68 4.9 3.7 5.5

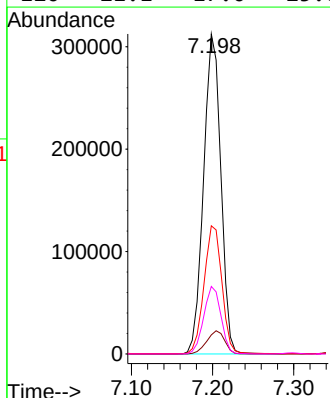
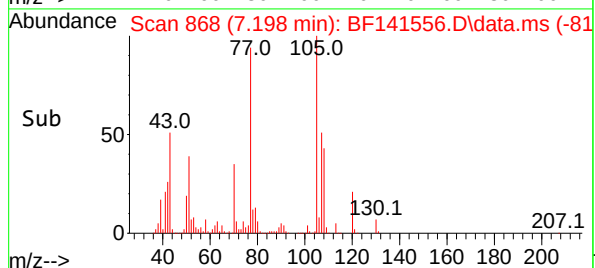
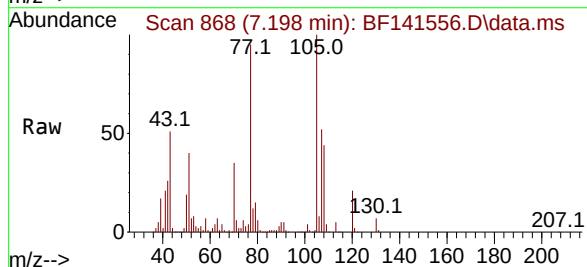
Manual Integrations
APPROVED

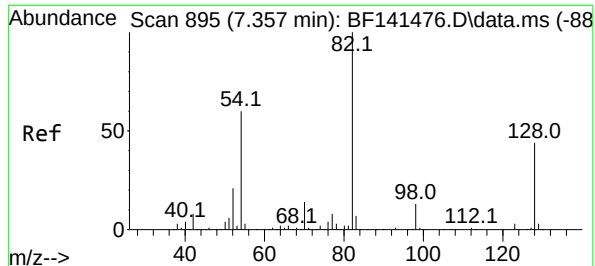
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 45.490 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:105 Resp: 460937
Ion Ratio Lower Upper
105 100
71 5.9 5.7 8.5
51 40.0 33.7 50.5
120 21.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 87.804 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion: 82 Resp: 68571

Ion Ratio Lower Upper

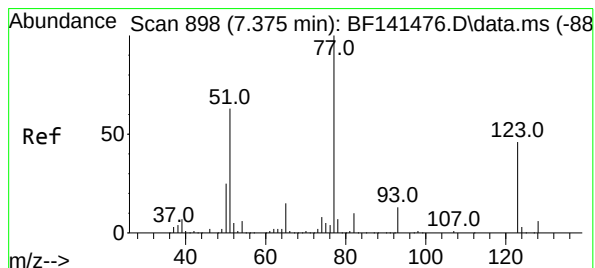
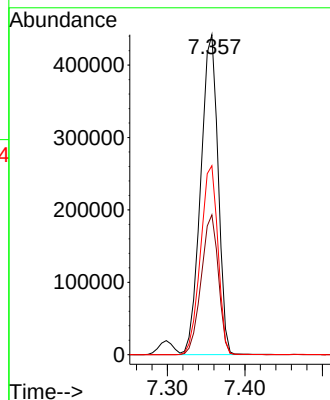
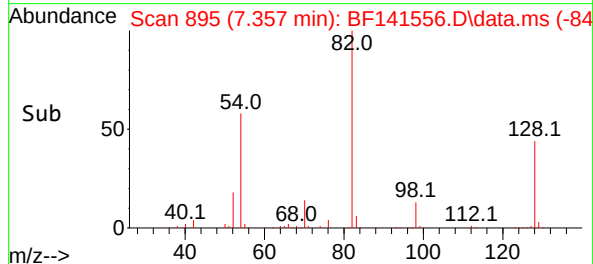
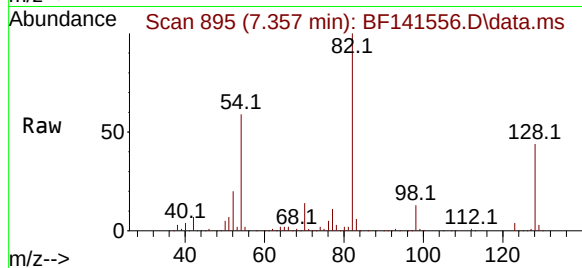
82 100

128 43.7 34.8 52.2

54 59.1 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#24

Nitrobenzene

Concen: 41.431 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

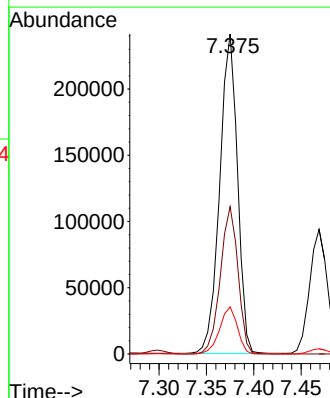
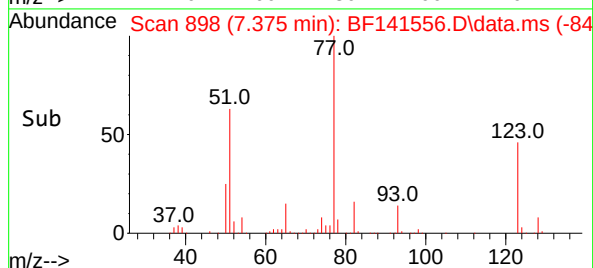
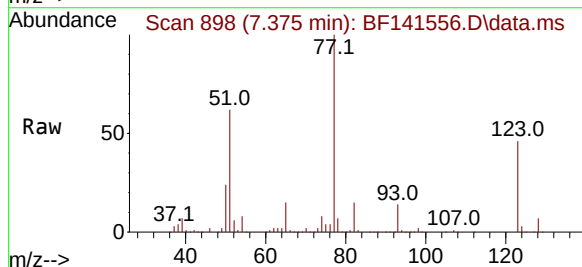
Tgt Ion: 77 Resp: 315513

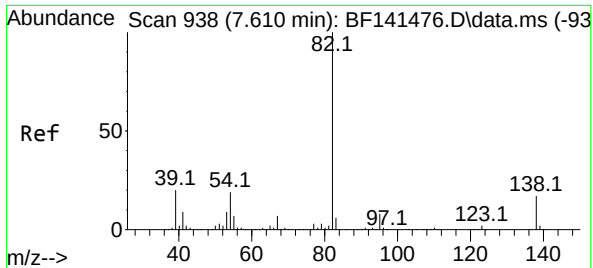
Ion Ratio Lower Upper

77 100

123 46.1 36.9 55.3

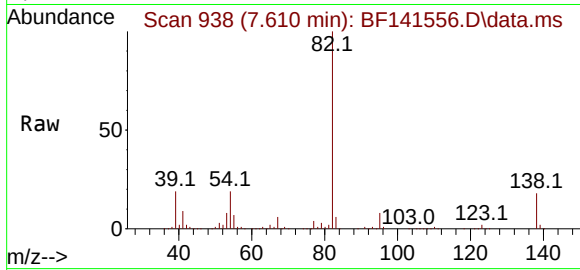
65 14.7 11.9 17.9





#25
Isophorone
Concen: 45.740 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

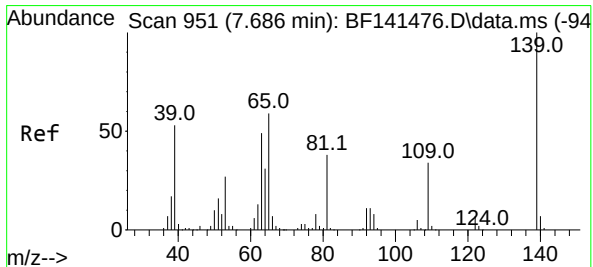
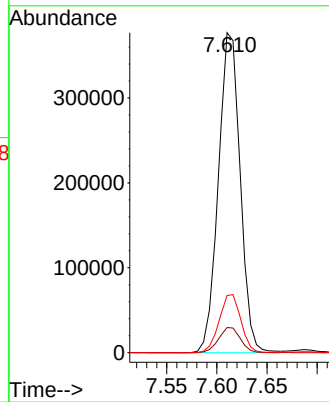
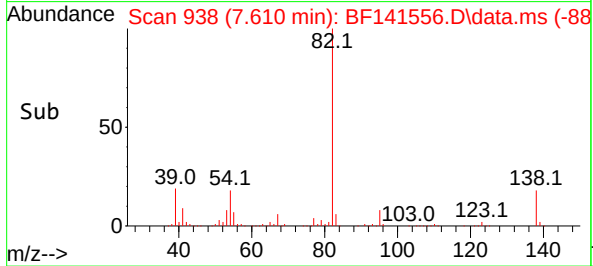
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion: 82 Resp: 569550
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.8 13.9 20.9

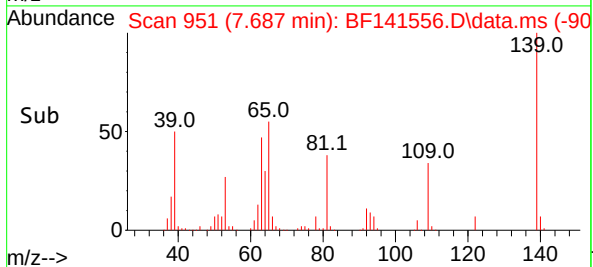
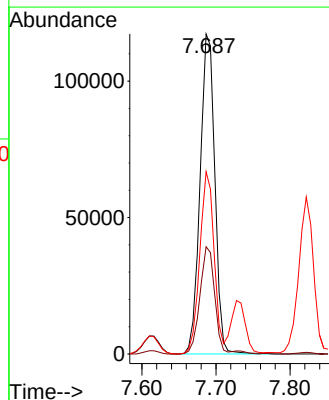
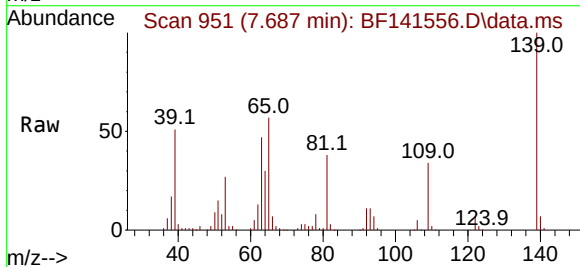
Manual Integrations
APPROVED

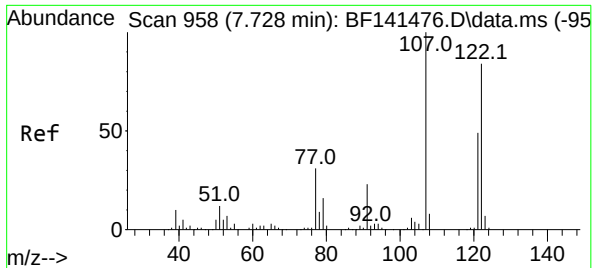
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#26
2-Nitrophenol
Concen: 42.873 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:139 Resp: 162437
Ion Ratio Lower Upper
139 100
109 33.5 27.0 40.6
65 56.9 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 55.448 ng

RT: 7.728 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141556.D

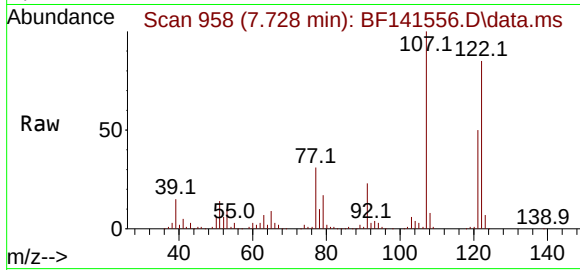
Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD



Tgt Ion:122 Resp: 245419

Ion Ratio Lower Upper

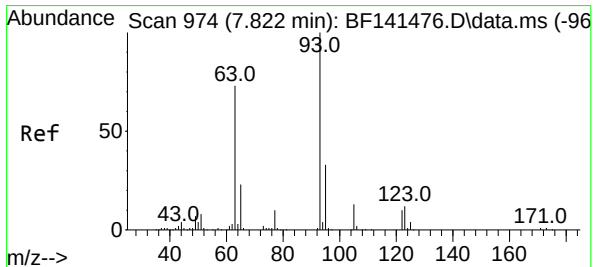
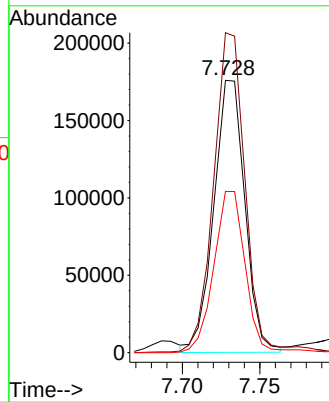
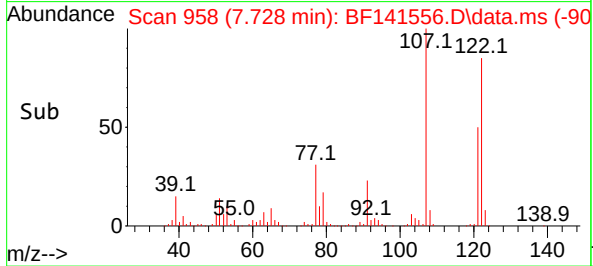
122 100

107 117.5 94.3 141.5

121 59.2 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#28

bis(2-Chloroethoxy)methane

Concen: 43.449 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

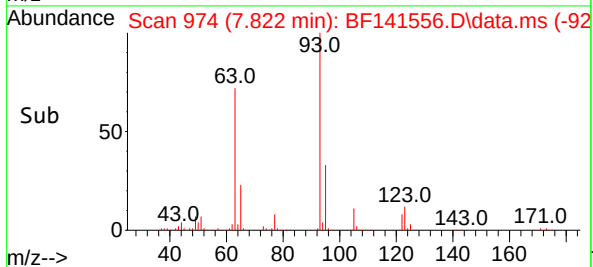
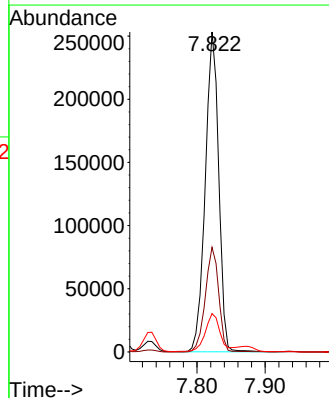
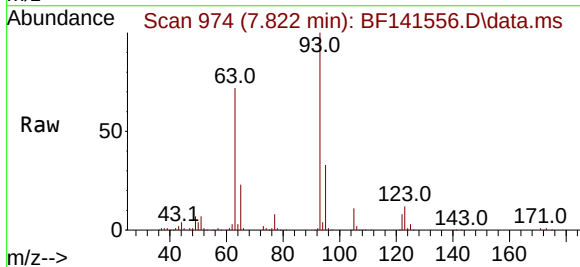
Tgt Ion: 93 Resp: 346682

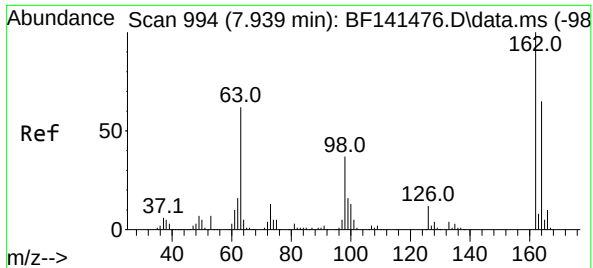
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.695 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:162 Resp: 25532

Ion Ratio Lower Upper

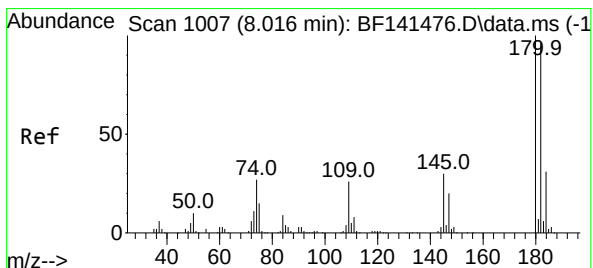
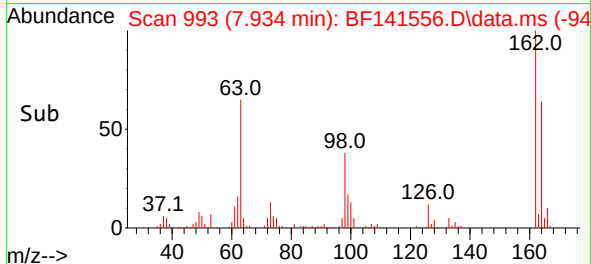
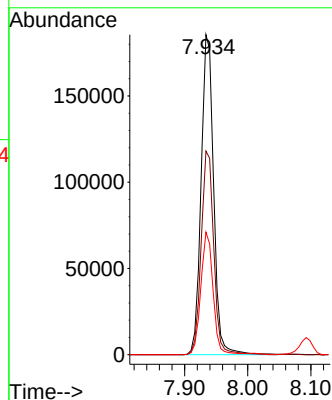
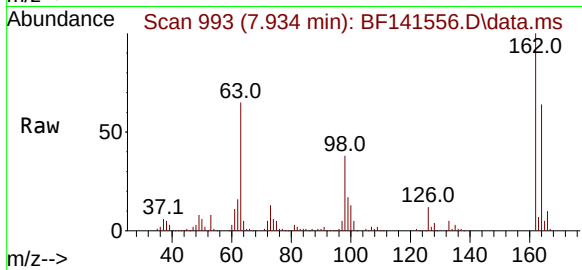
162 100

164 63.6 44.6 84.6

98 38.3 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#30

1,2,4-Trichlorobenzene

Concen: 41.459 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

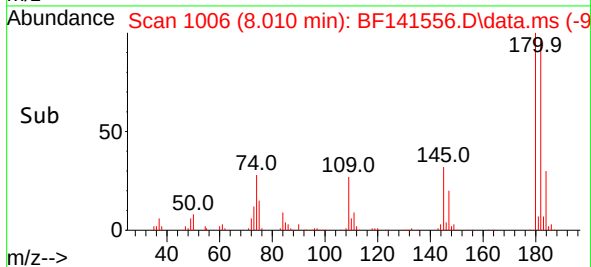
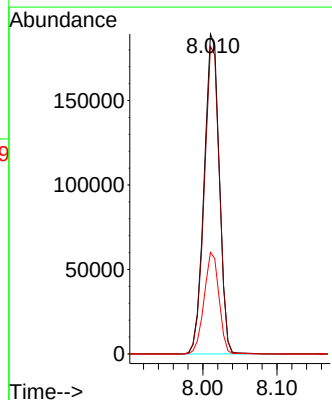
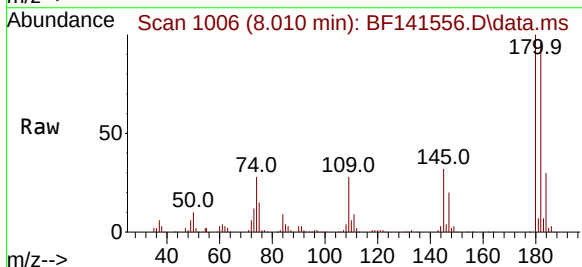
Tgt Ion:180 Resp: 269993

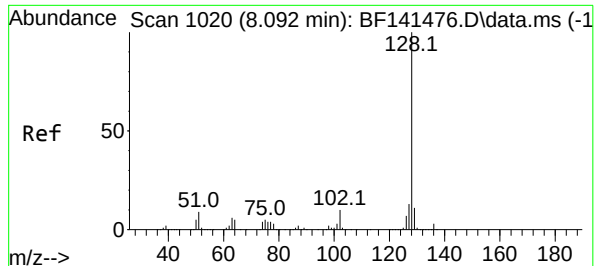
Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

145 31.8 24.2 36.4





#31

Naphthalene

Concen: 40.718 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:128 Resp: 86336

Ion Ratio Lower Upper

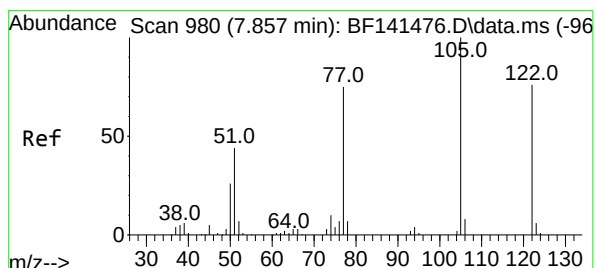
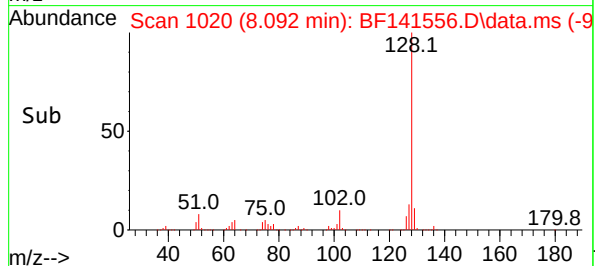
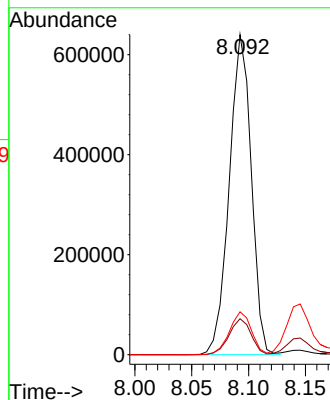
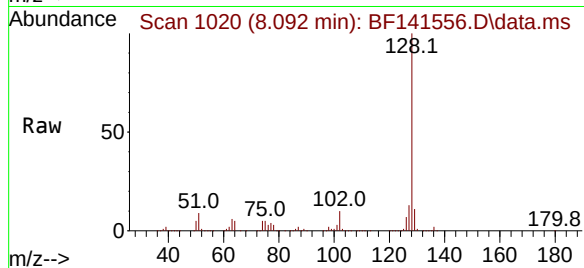
128 100

129 11.3 8.9 13.3

127 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#32

Benzoic acid

Concen: 42.679 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.017 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

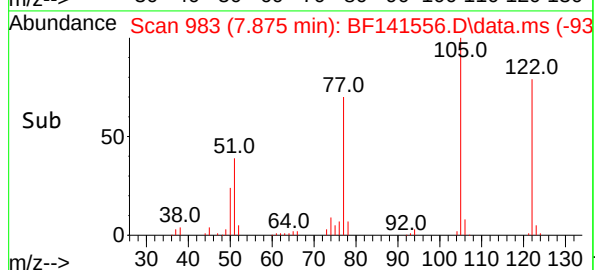
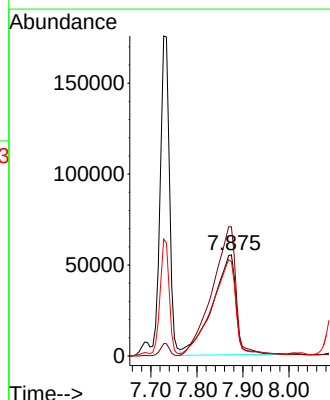
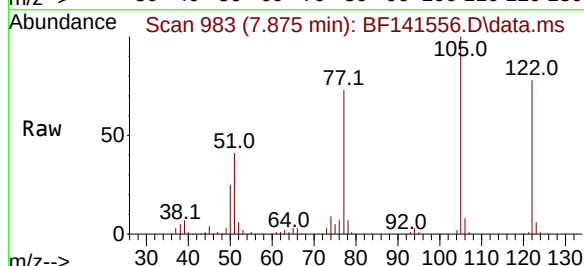
Tgt Ion:122 Resp: 196214

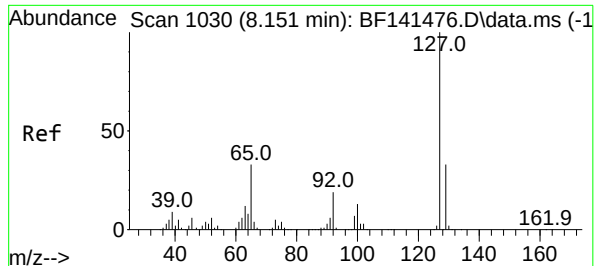
Ion Ratio Lower Upper

122 100

105 127.7 106.5 146.5

77 93.5 76.3 116.3





#33

4-Chloroaniline

Concen: 22.840 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:127 Resp: 169079

Ion Ratio Lower Upper

127 100

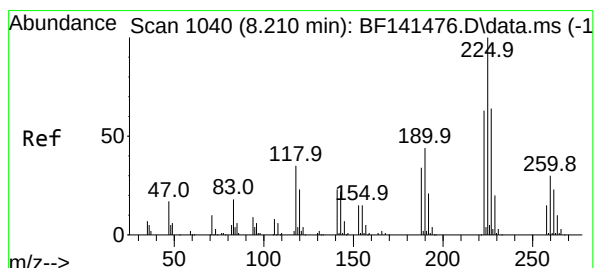
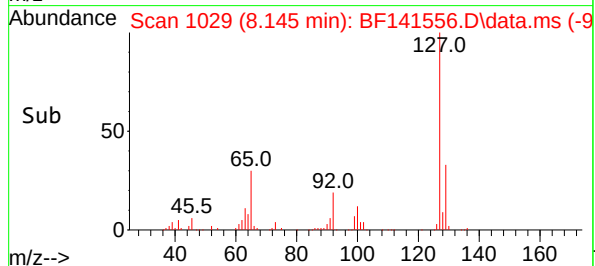
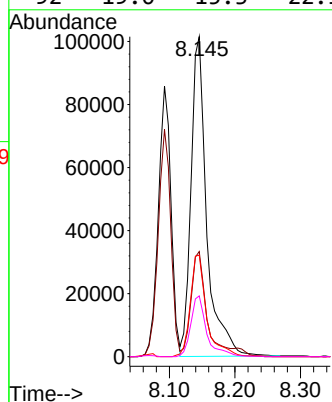
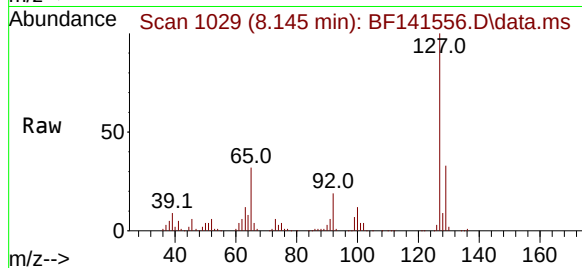
129 32.9 26.5 39.7

65 31.8 26.4 39.6

92 19.0 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#34

Hexachlorobutadiene

Concen: 43.019 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

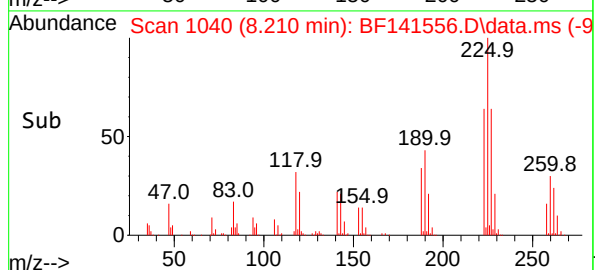
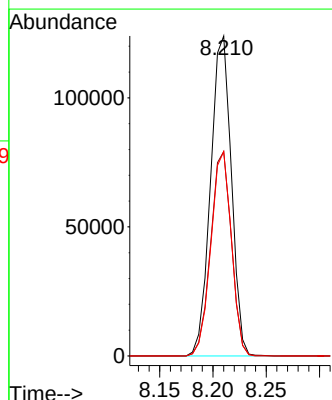
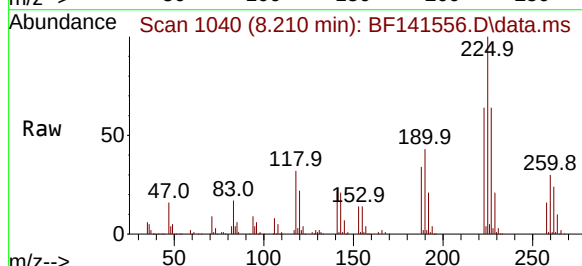
Tgt Ion:225 Resp: 168186

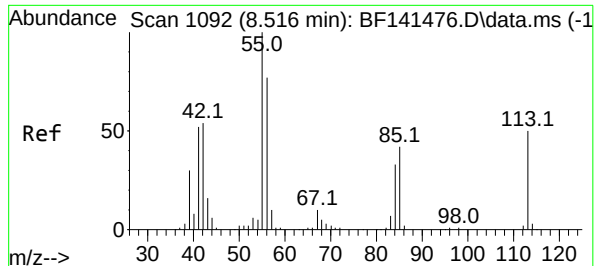
Ion Ratio Lower Upper

225 100

223 63.9 50.1 75.1

227 63.9 51.0 76.6





#35

Caprolactam

Concen: 48.862 ng m

RT: 8.522 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:113 Resp: 8896

Ion Ratio Lower Upper

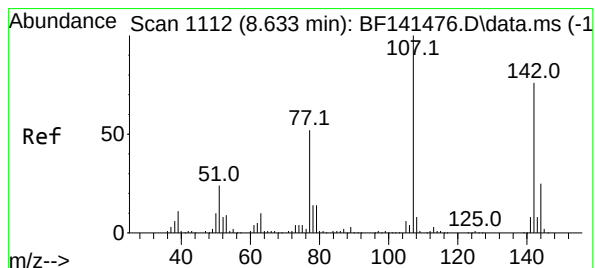
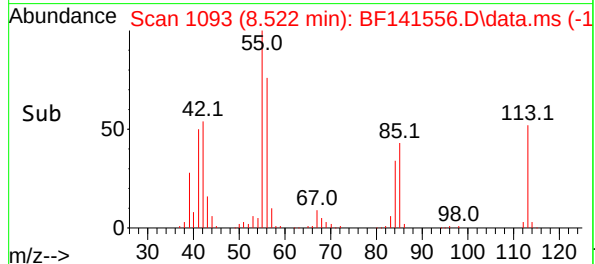
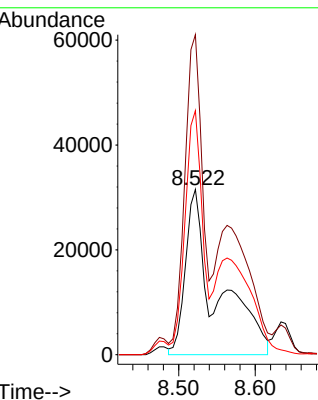
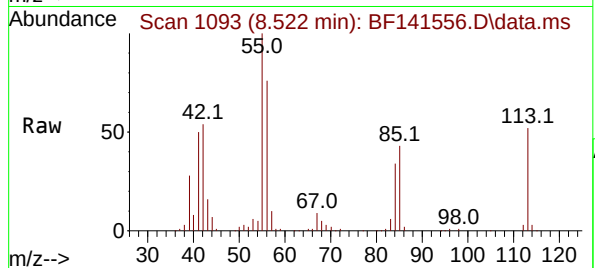
113 100

55 193.7 180.8 220.8

56 147.7 133.6 173.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#36

4-Chloro-3-methylphenol

Concen: 43.002 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

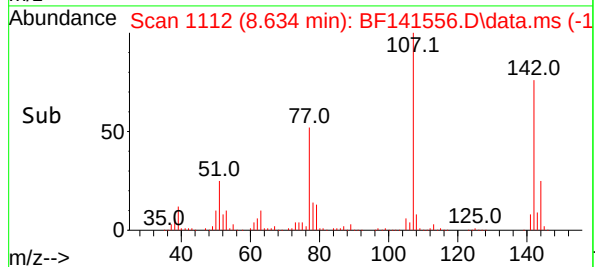
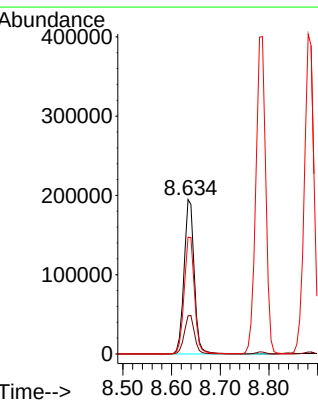
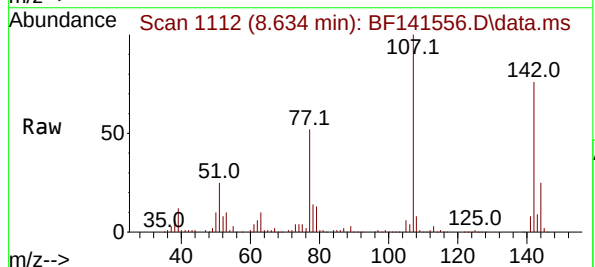
Tgt Ion:107 Resp: 284863

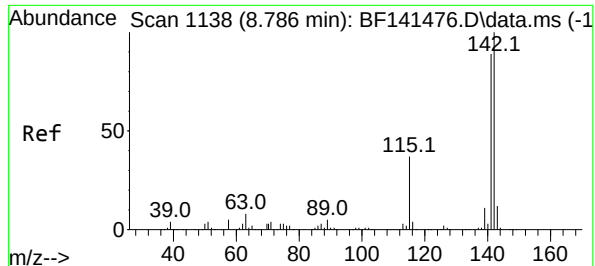
Ion Ratio Lower Upper

107 100

144 24.8 19.7 29.5

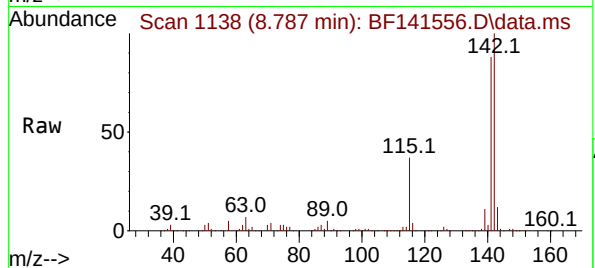
142 75.7 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.470 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

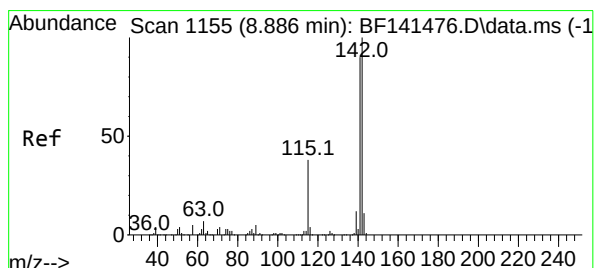
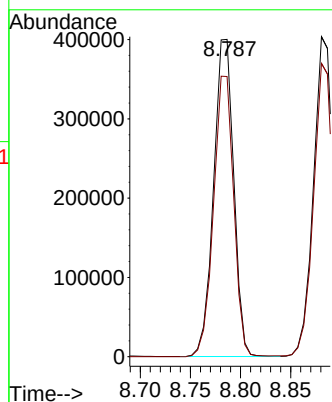
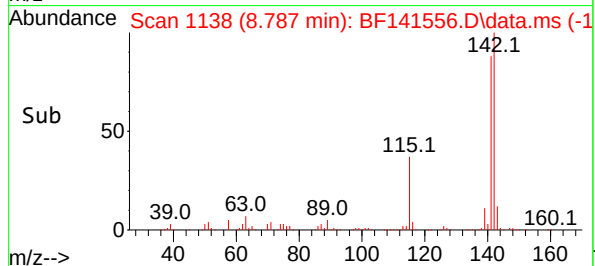
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:142 Resp: 558390
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8

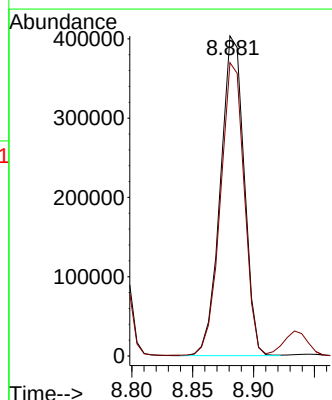
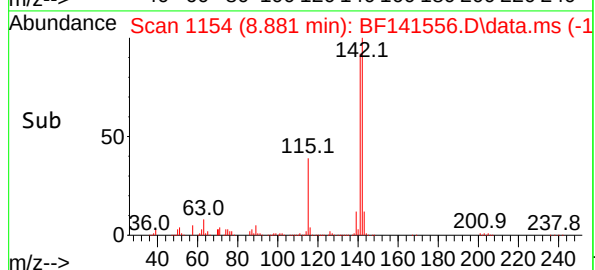
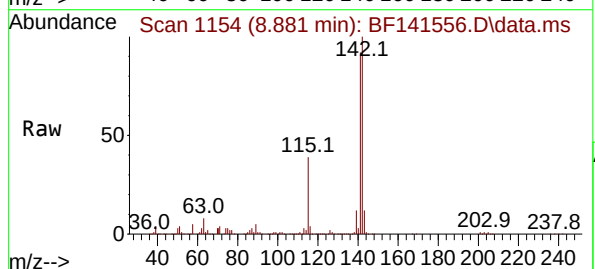
Manual Integrations
APPROVED

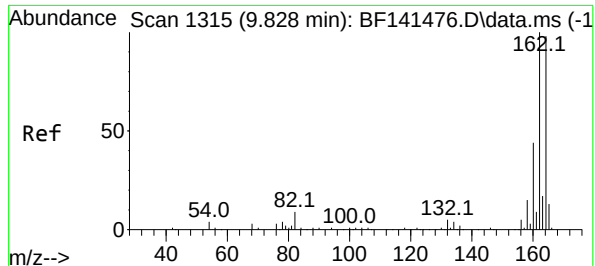
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 40.990 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:142 Resp: 547773
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141556.D

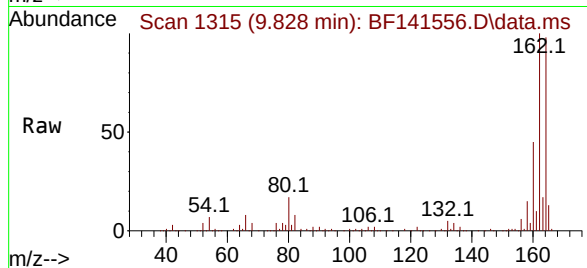
Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD



Tgt Ion:164 Resp: 229450

Ion Ratio Lower Upper

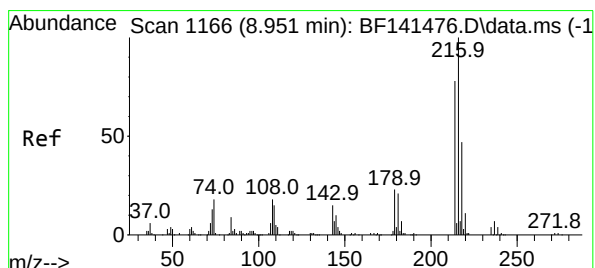
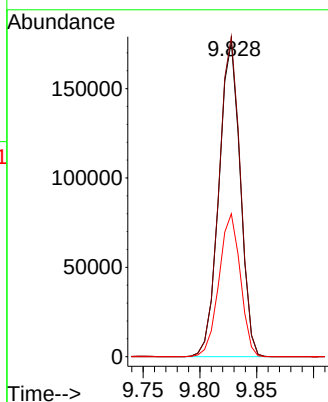
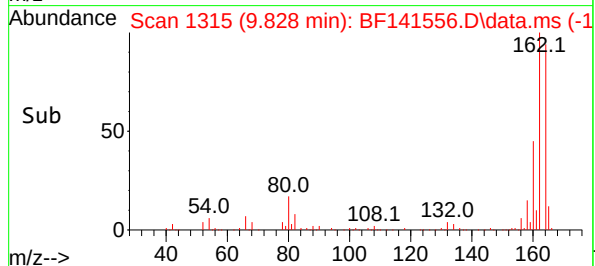
164 100

162 101.6 81.3 121.9

160 45.4 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#40

1,2,4,5-Tetrachlorobenzene

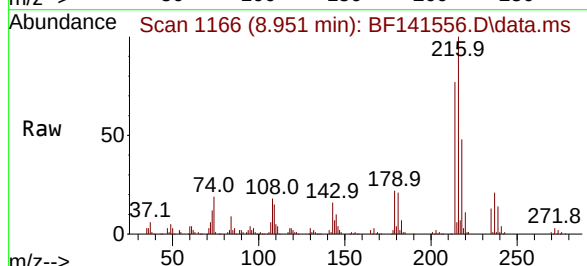
Concen: 45.944 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39



Tgt Ion:216 Resp: 304990

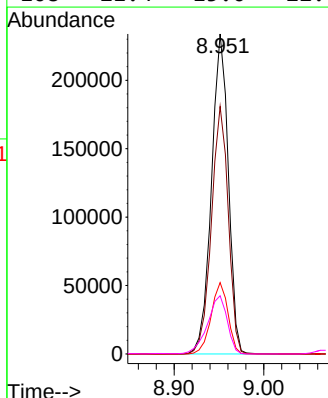
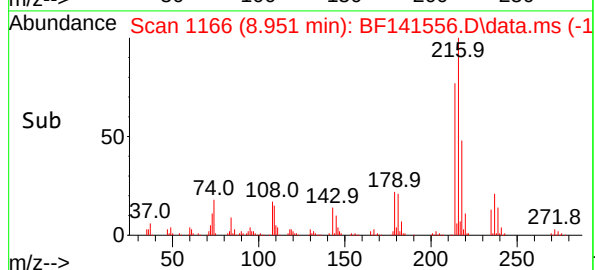
Ion Ratio Lower Upper

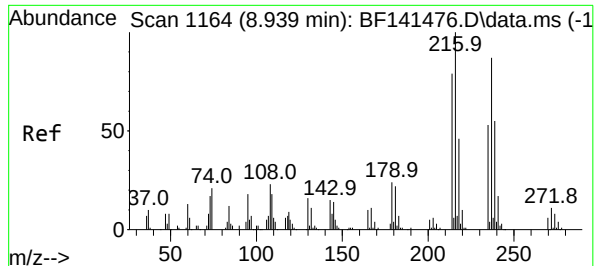
216 100

214 77.4 62.3 93.5

179 22.3 18.0 27.0

108 21.4 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 151.288 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:237 Resp: 334036

Ion Ratio Lower Upper

237 100

235 63.7 41.4 81.4

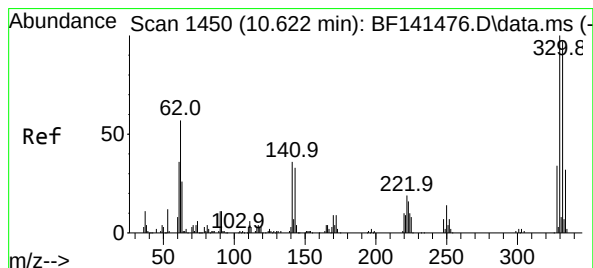
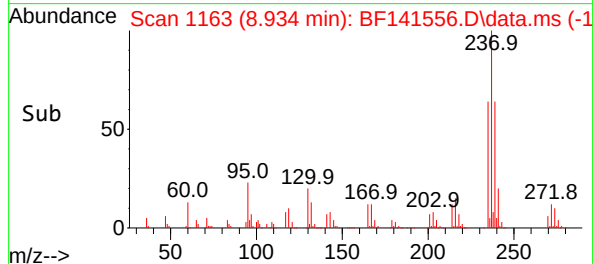
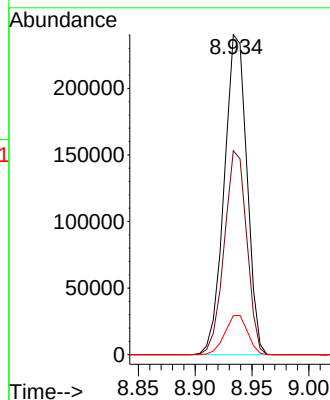
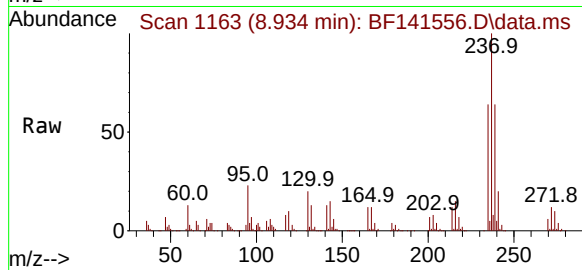
272 12.2 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025

Supervised By :mohammad ahmed 02/12/2025



#42

2,4,6-Tribromophenol

Concen: 129.606 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

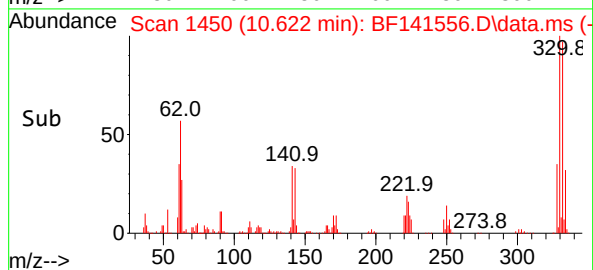
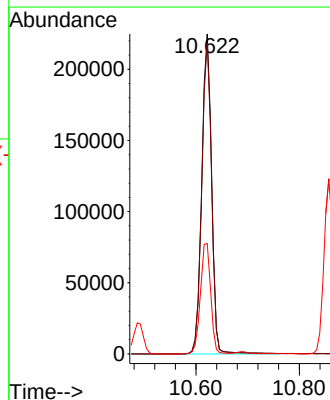
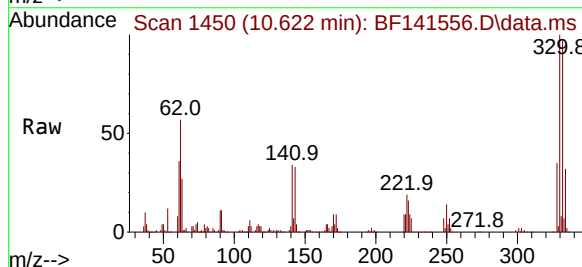
Tgt Ion:330 Resp: 298733

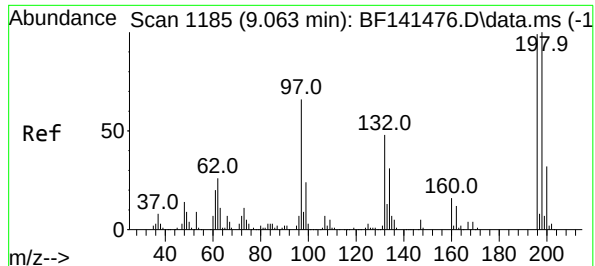
Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

141 36.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.796 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:196 Resp: 17932

Ion Ratio Lower Upper

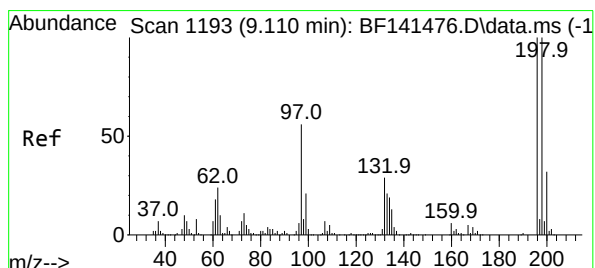
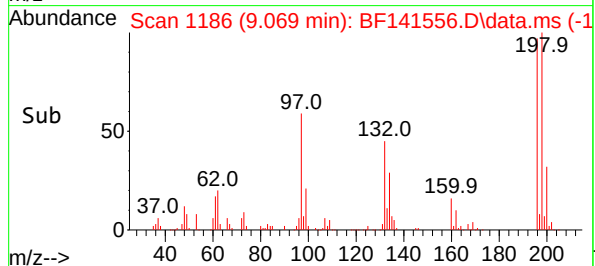
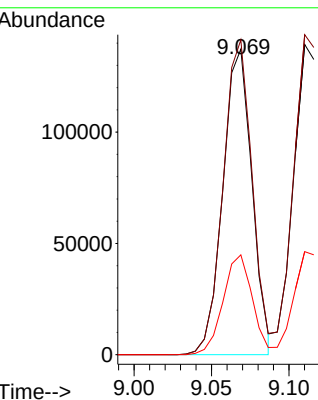
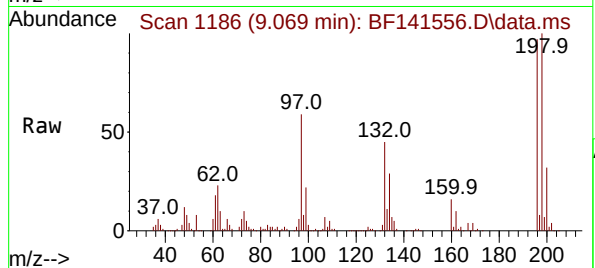
196 100

198 103.0 80.6 121.0

200 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#44

2,4,5-Trichlorophenol

Concen: 41.505 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Tgt Ion:196 Resp: 192991

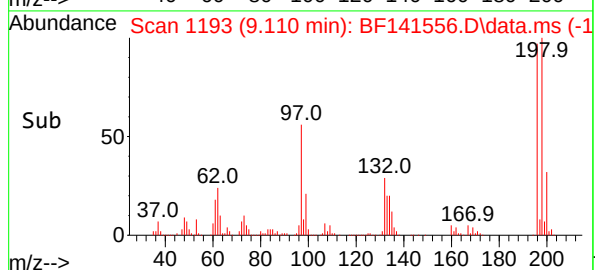
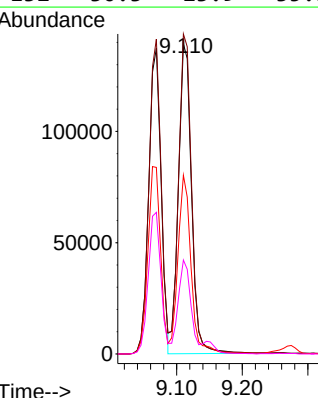
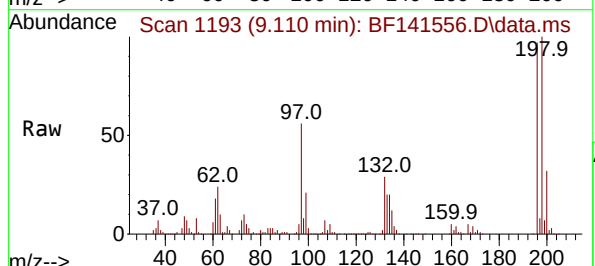
Ion Ratio Lower Upper

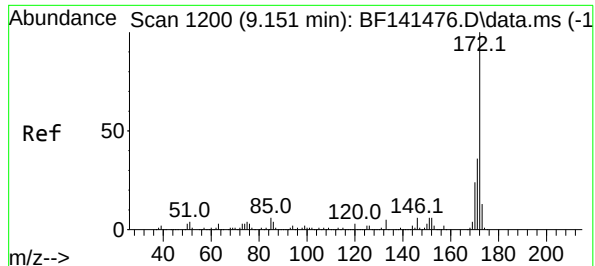
196 100

198 103.2 79.8 119.8

97 57.6 44.8 67.2

132 30.3 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 86.557 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:172 Resp: 128910

Ion Ratio Lower Upper

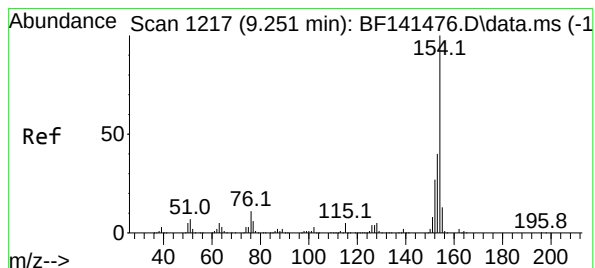
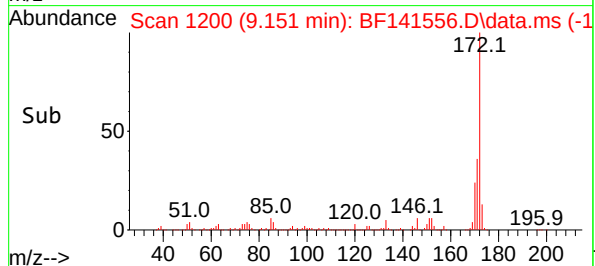
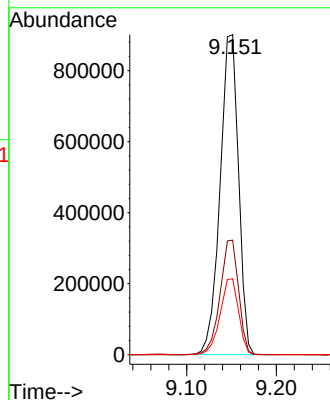
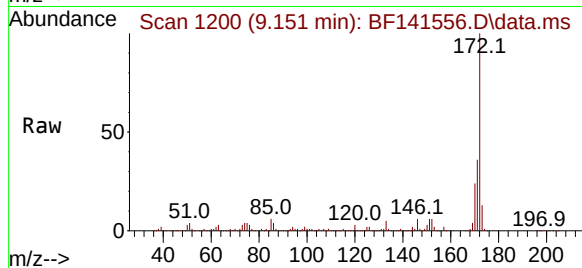
172 100

171 35.8 28.7 43.1

170 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#46

1,1'-Biphenyl

Concen: 45.318 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

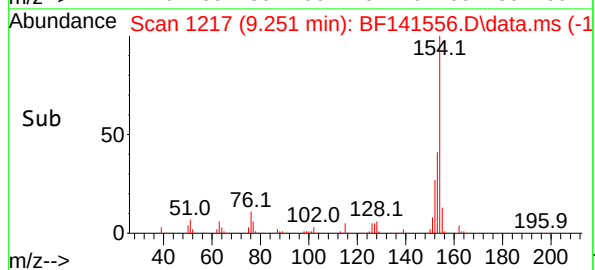
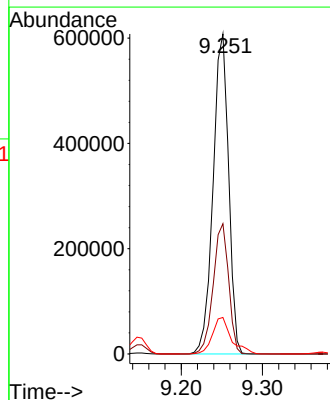
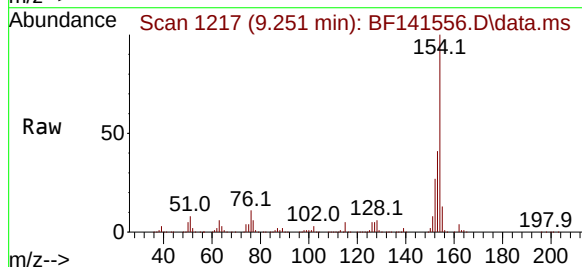
Tgt Ion:154 Resp: 806153

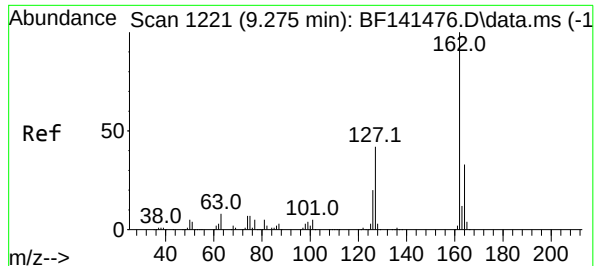
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.4 0.0 30.8





#47

2-Chloronaphthalene

Concen: 41.464 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:162 Resp: 54542

Ion Ratio Lower Upper

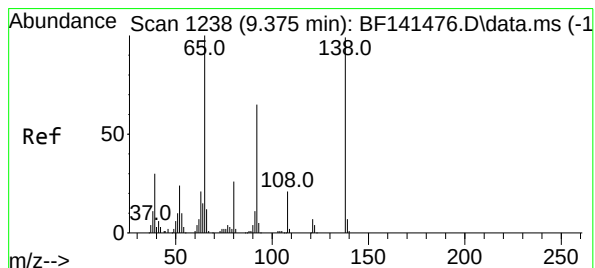
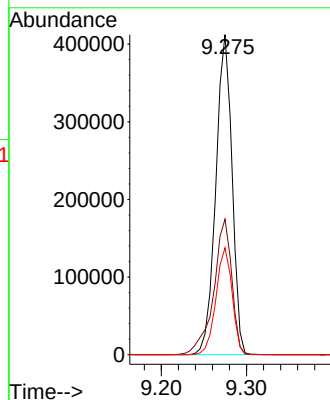
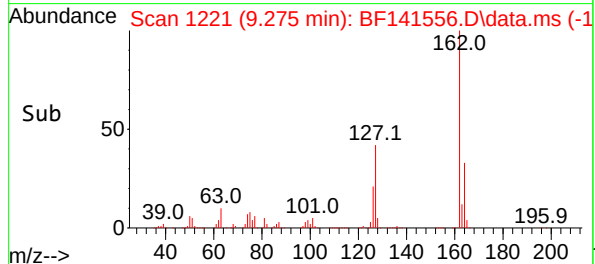
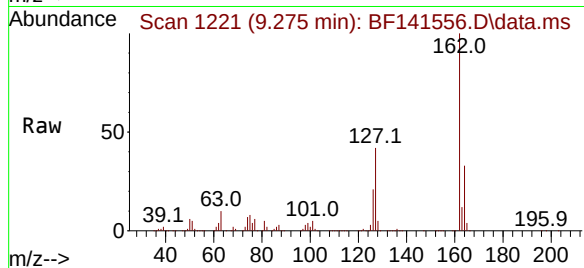
162 100

127 42.4 34.1 51.1

164 33.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#48

2-Nitroaniline

Concen: 42.059 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

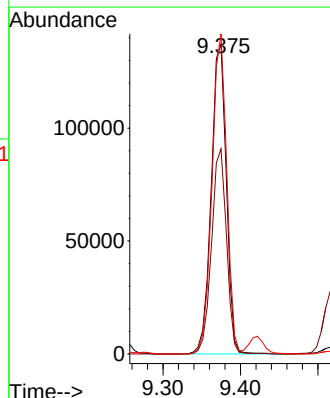
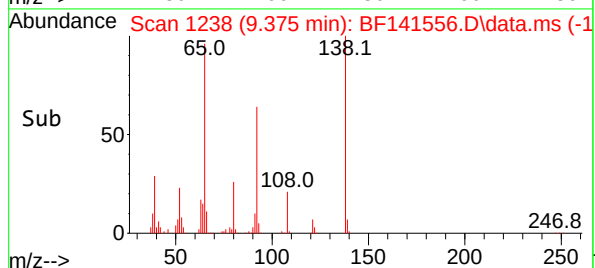
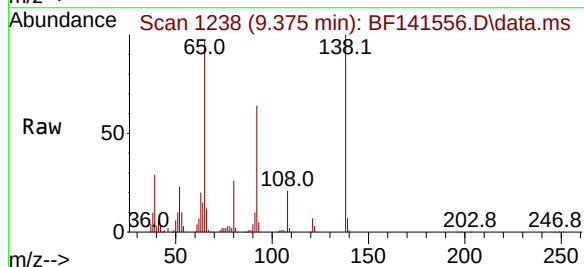
Tgt Ion: 65 Resp: 185673

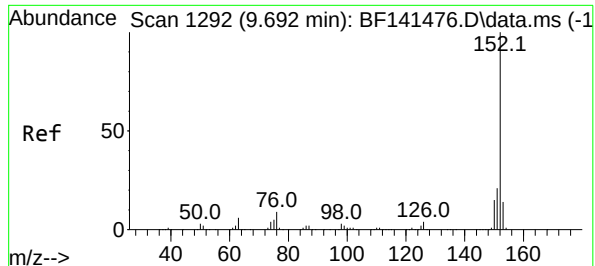
Ion Ratio Lower Upper

65 100

92 66.2 52.2 78.2

138 103.2 79.5 119.3





#49

Acenaphthylene

Concen: 43.868 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:152 Resp: 85831

Ion Ratio Lower Upper

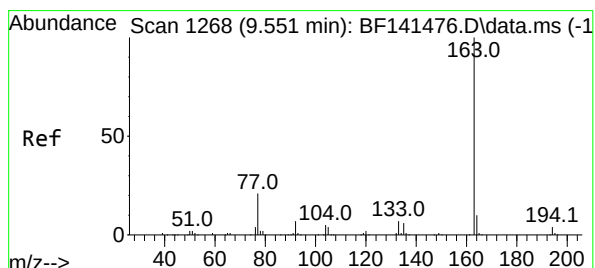
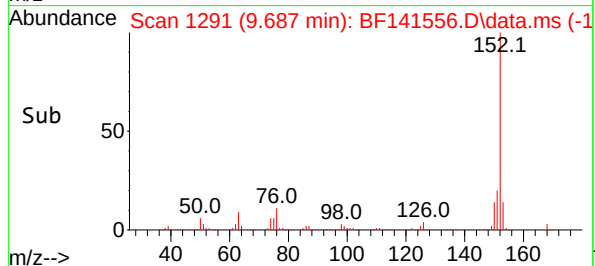
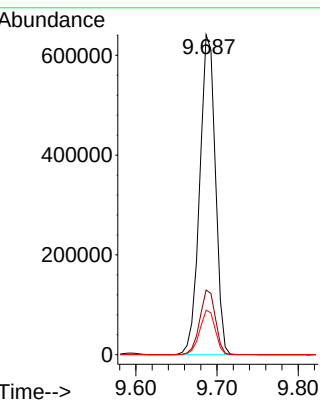
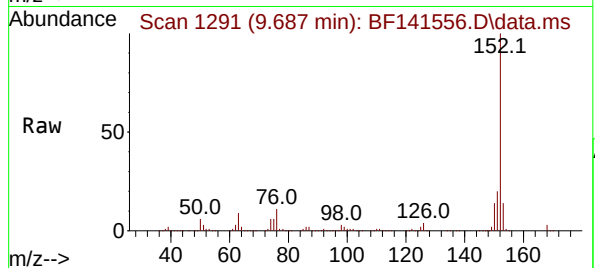
152 100

151 20.2 16.4 24.6

153 13.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#50

Dimethylphthalate

Concen: 42.844 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

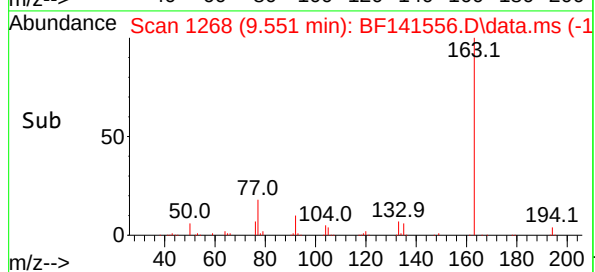
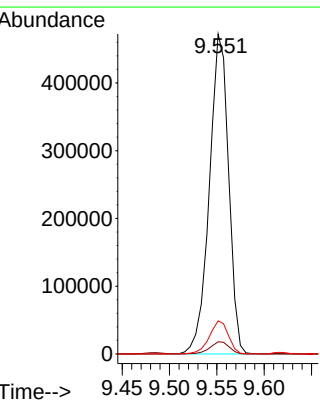
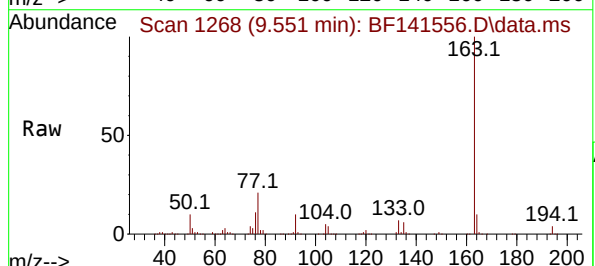
Tgt Ion:163 Resp: 667368

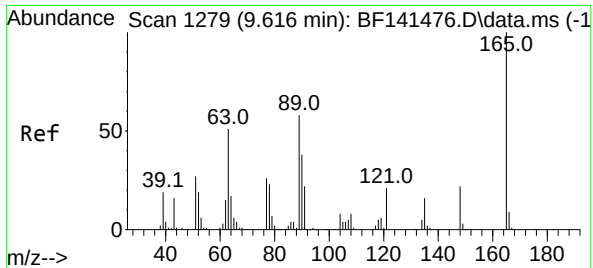
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

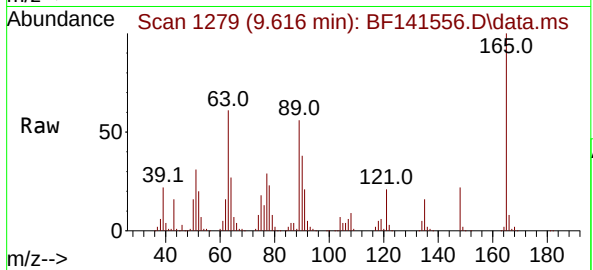
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.851 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

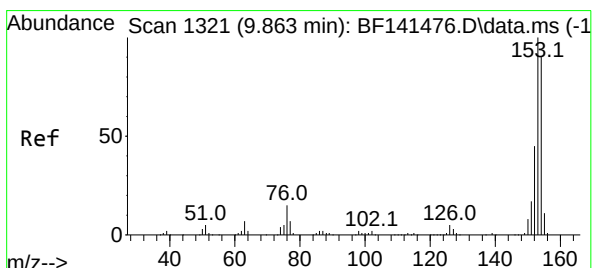
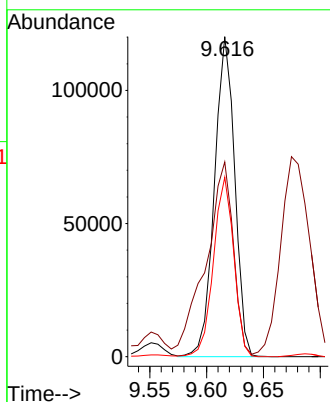
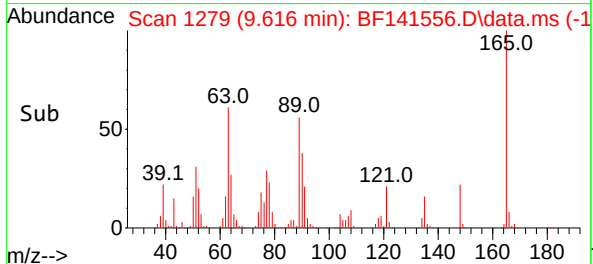
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



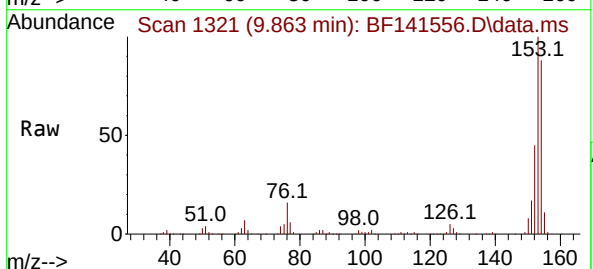
Tgt Ion:165 Resp: 14932
Ion Ratio Lower Upper
165 100
63 60.9 49.4 74.0
89 56.0 46.5 69.7

Manual Integrations
APPROVED

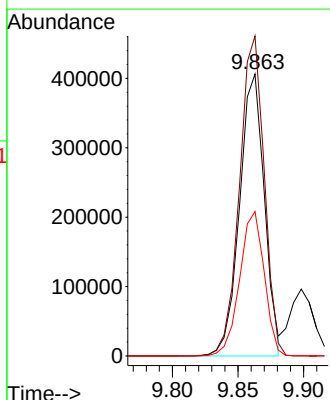
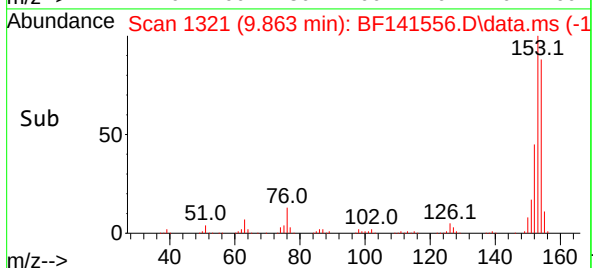
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

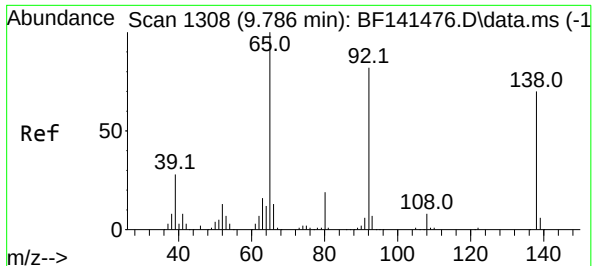


#52
Acenaphthene
Concen: 40.790 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:154 Resp: 536537
Ion Ratio Lower Upper
154 100
153 113.5 89.2 133.8
152 51.2 39.8 59.8





#53

3-Nitroaniline

Concen: 26.675 ng

RT: 9.787 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:138 Resp: 9776

Ion Ratio Lower Upper

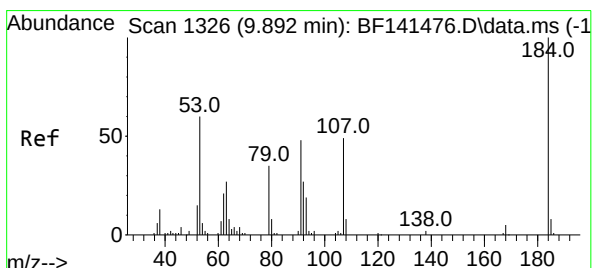
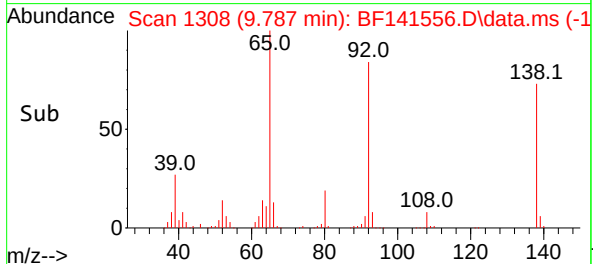
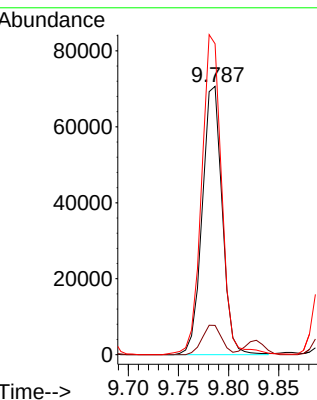
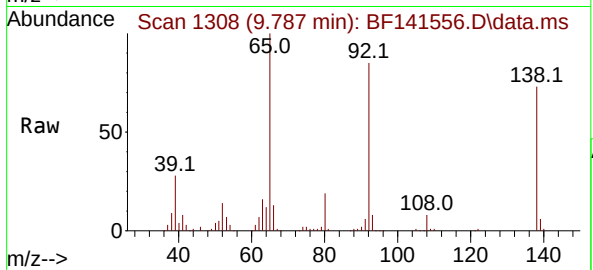
138 100

108 10.9 9.0 13.4

92 115.9 93.7 140.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#54

2,4-Dinitrophenol

Concen: 95.285 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

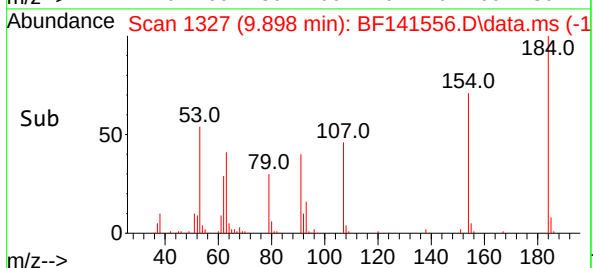
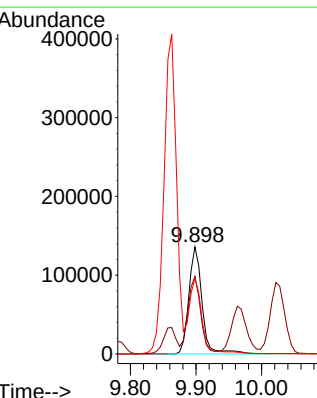
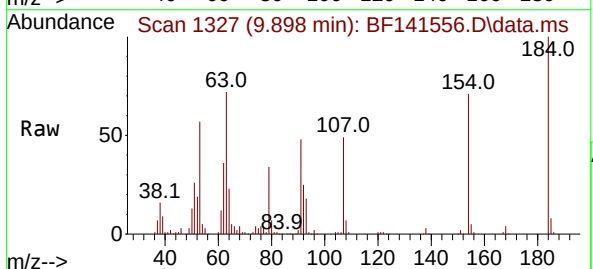
Tgt Ion:184 Resp: 192838

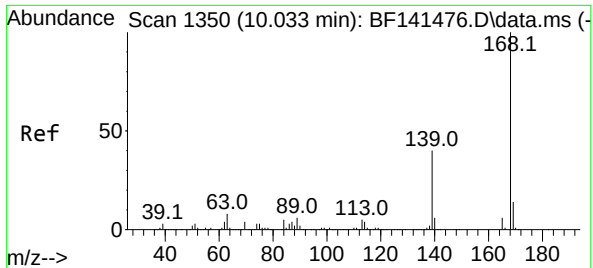
Ion Ratio Lower Upper

184 100

63 72.4 61.0 91.6

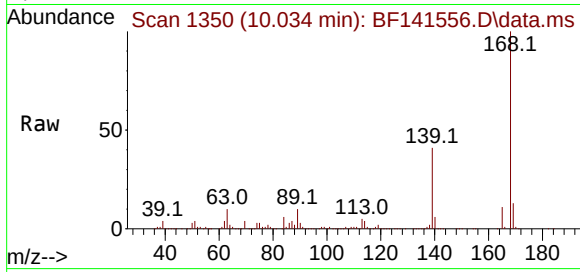
154 70.9 59.9 89.9





#55
Dibenzenofuran
Concen: 40.586 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

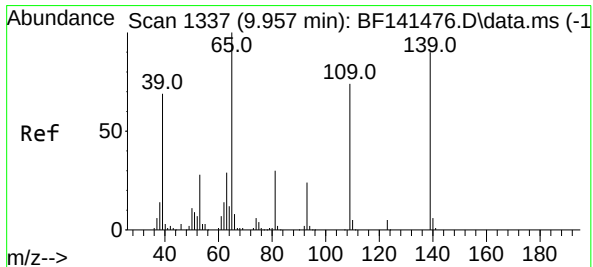
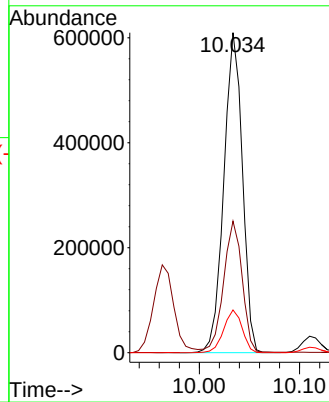
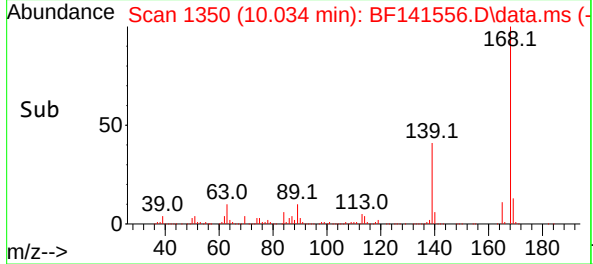
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:168 Resp: 78360
Ion Ratio Lower Upper
168 100
139 41.1 32.7 49.1
169 13.4 10.8 16.2

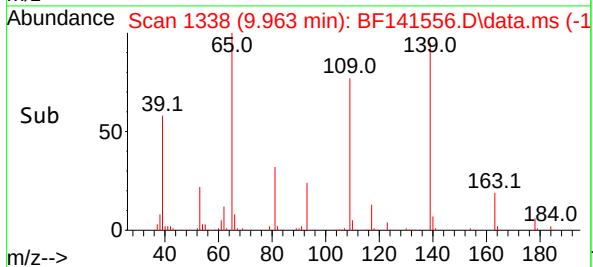
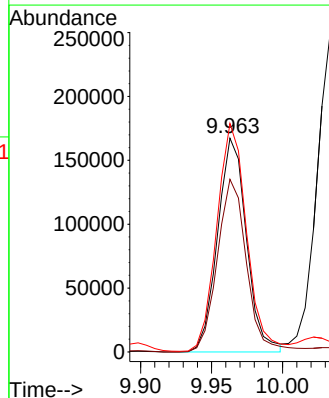
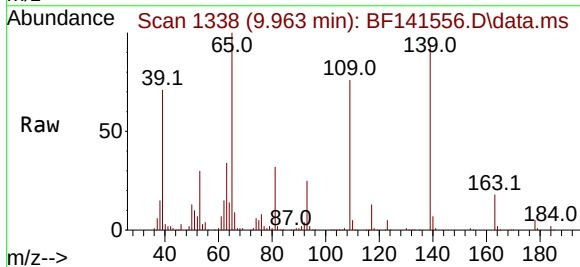
Manual Integrations
APPROVED

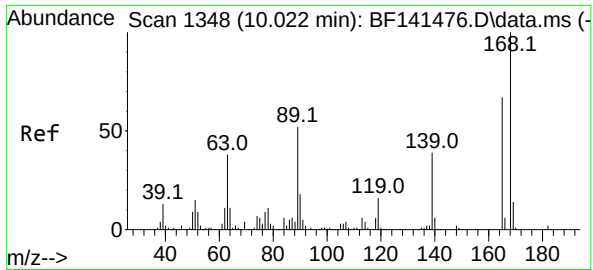
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 87.138 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

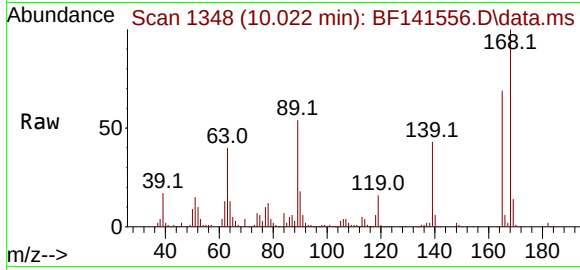
Tgt Ion:139 Resp: 237073
Ion Ratio Lower Upper
139 100
109 80.8 62.0 102.0
65 106.8 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 44.064 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

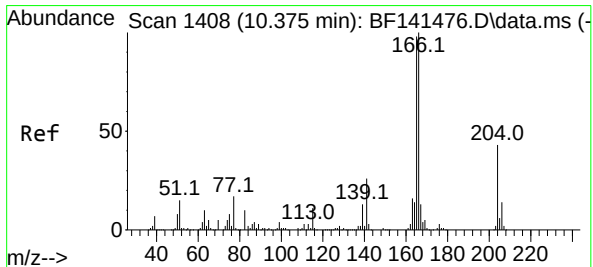
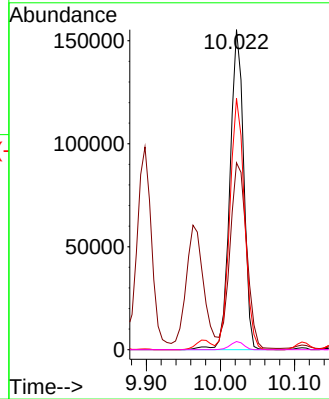
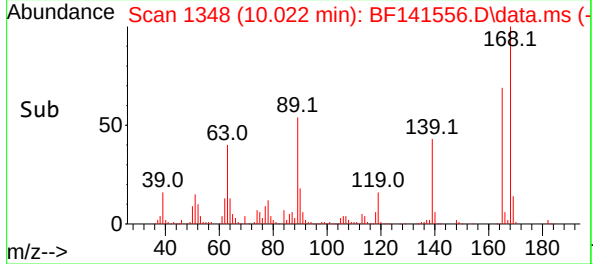
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



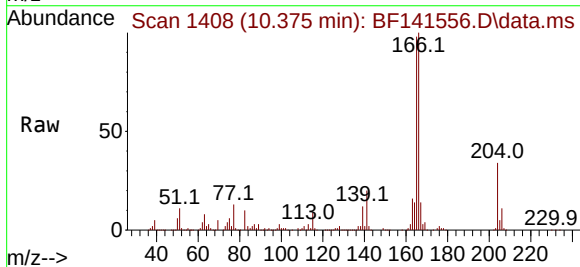
Tgt Ion:165 Resp: 199748
Ion Ratio Lower Upper
165 100
63 58.4 46.4 69.6
89 78.5 61.8 92.6
182 2.5 2.2 3.2

Manual Integrations
APPROVED

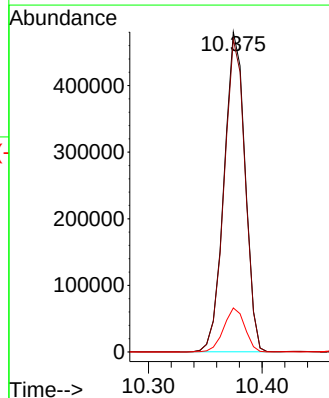
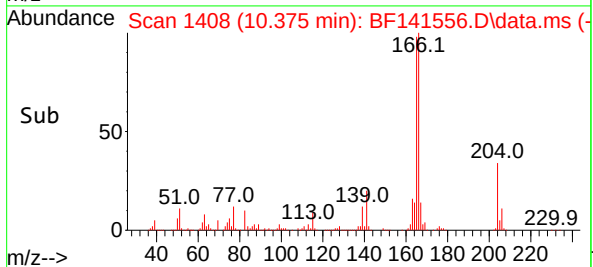
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

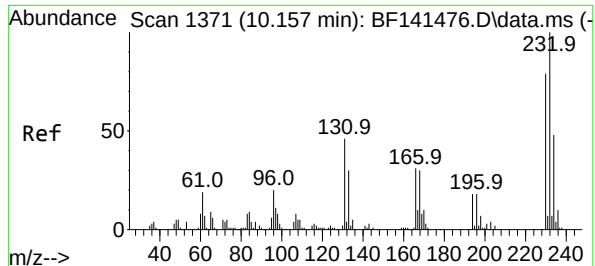


#58
Fluorene
Concen: 41.378 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



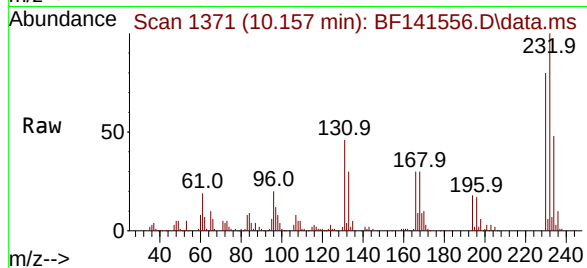
Tgt Ion:166 Resp: 617701
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.155 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

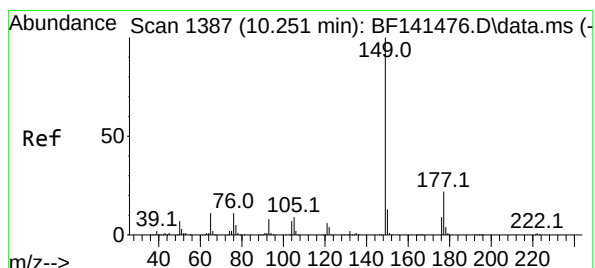
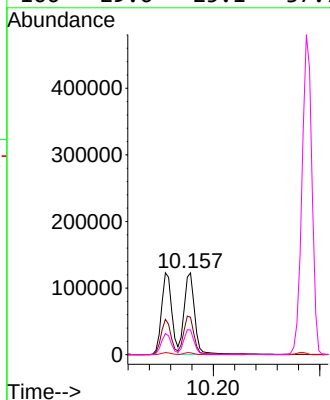
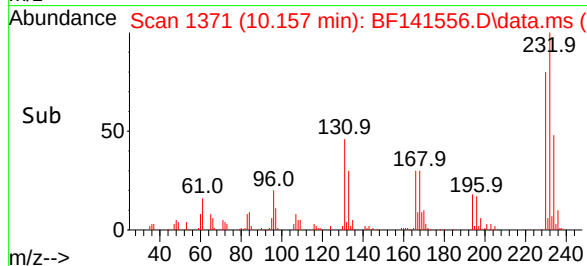
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



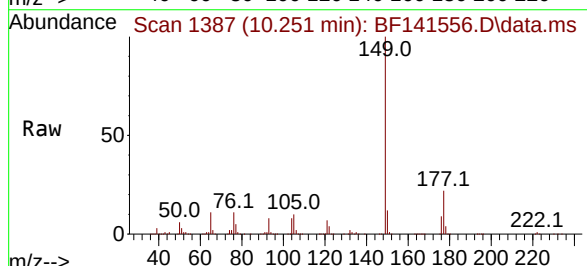
Tgt Ion:232 Resp: 168750
Ion Ratio Lower Upper
232 100
131 46.7 39.2 58.8
130 2.5 2.1 3.1
166 29.6 25.1 37.7

Manual Integrations
APPROVED

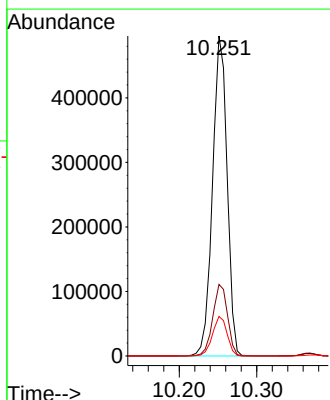
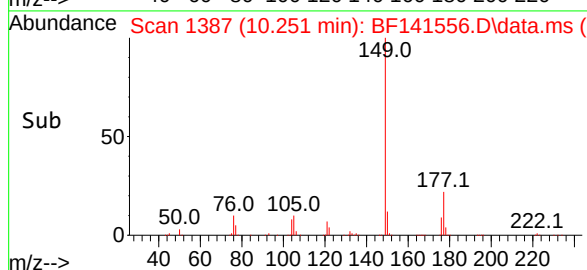
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

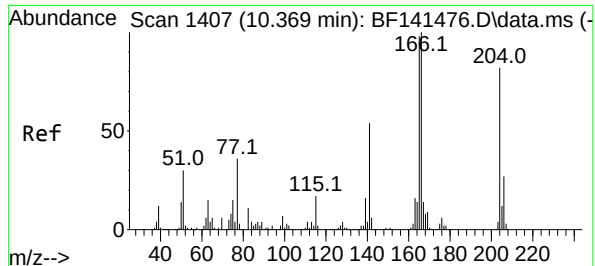


#60
Diethylphthalate
Concen: 42.227 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



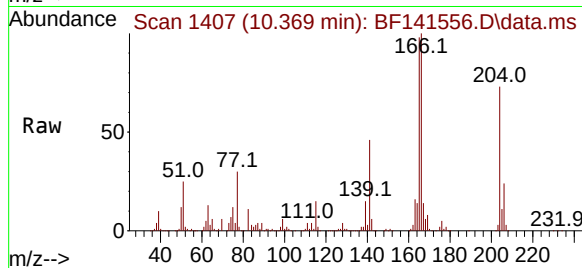
Tgt Ion:149 Resp: 647157
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.318 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

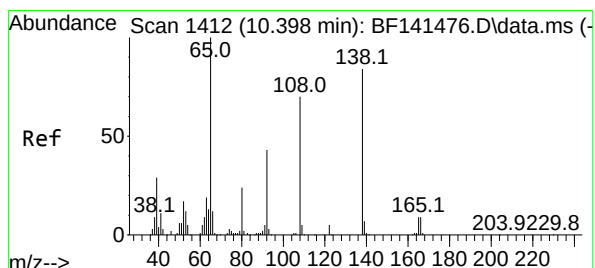
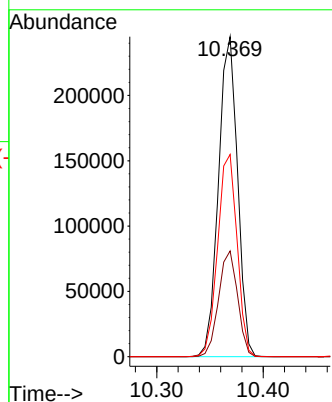
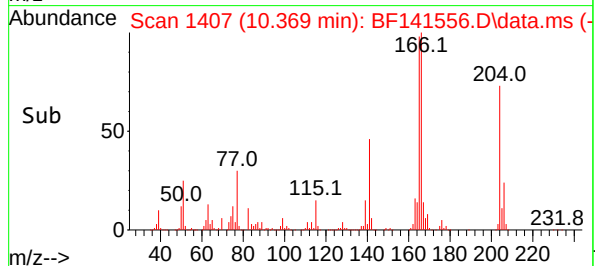
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



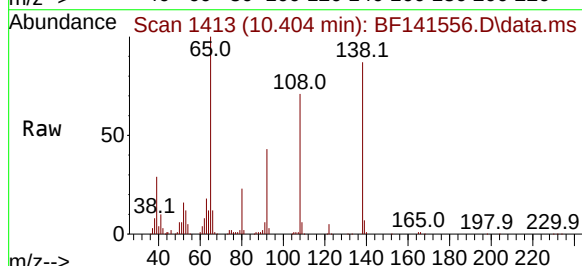
Tgt Ion:204 Resp: 30392
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 63.2 51.9 77.9

Manual Integrations
APPROVED

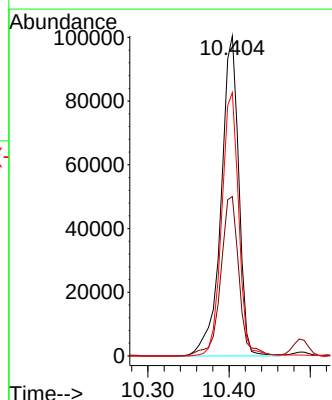
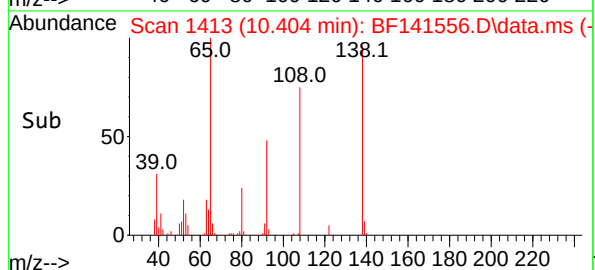
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

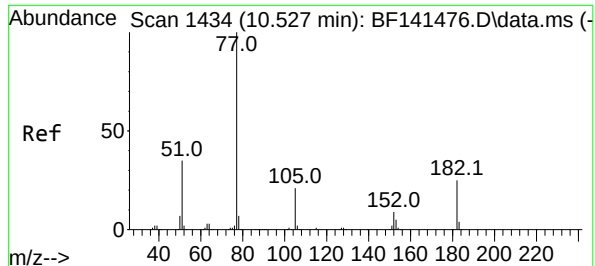


#62
4-Nitroaniline
Concen: 40.975 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



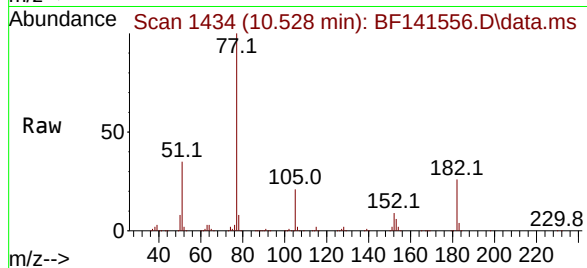
Tgt Ion:138 Resp: 152488
Ion Ratio Lower Upper
138 100
92 49.8 31.3 71.3
108 82.3 63.7 103.7





#63
Azobenzene
Concen: 41.216 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

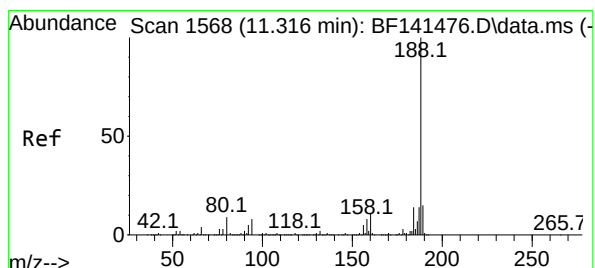
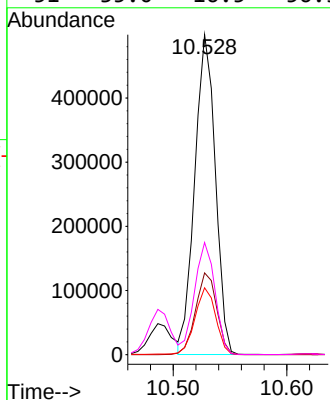
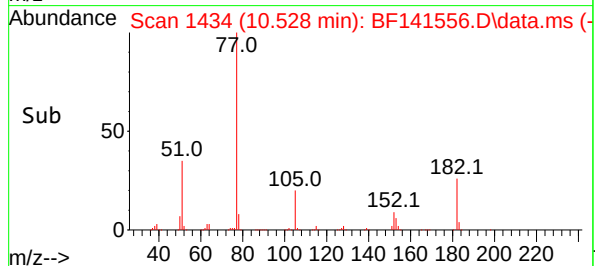
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



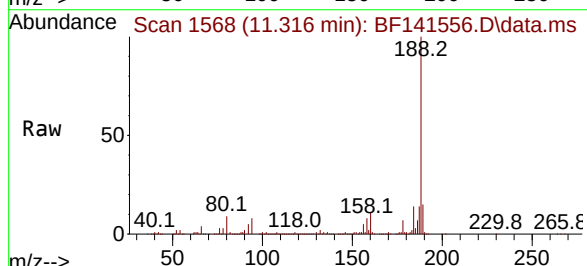
Tgt Ion: 77 Resp: 62796
Ion Ratio Lower Upper
77 100
182 25.6 4.7 44.7
105 20.9 0.4 40.4
51 35.0 16.5 56.5

Manual Integrations
APPROVED

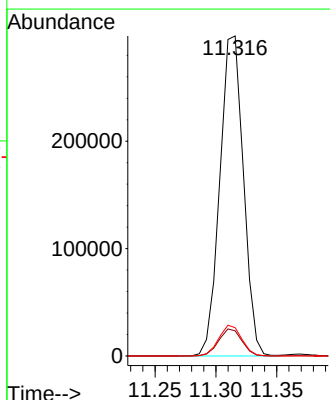
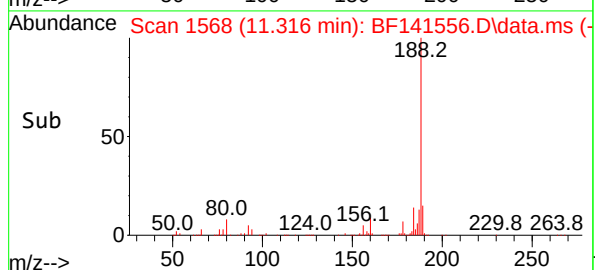
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

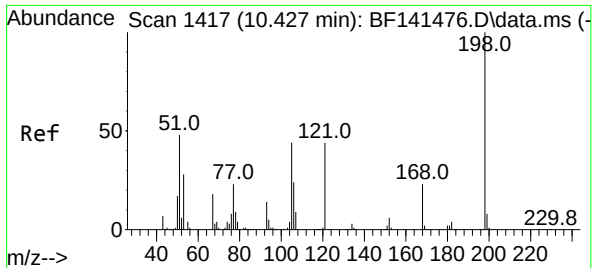


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:188 Resp: 402356
Ion Ratio Lower Upper
188 100
94 7.8 6.6 10.0
80 8.8 7.3 10.9





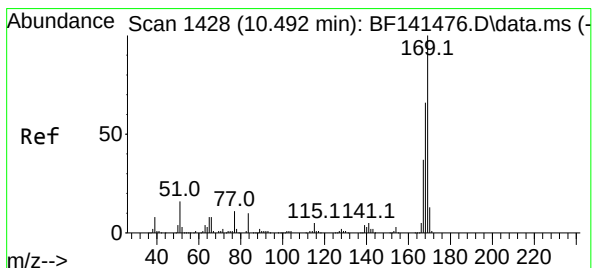
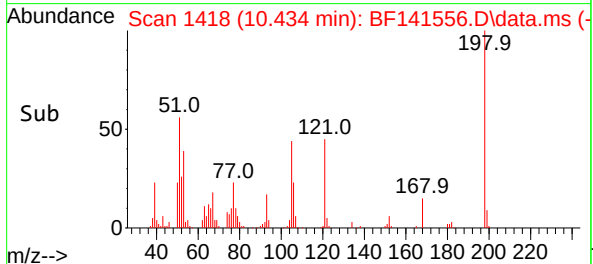
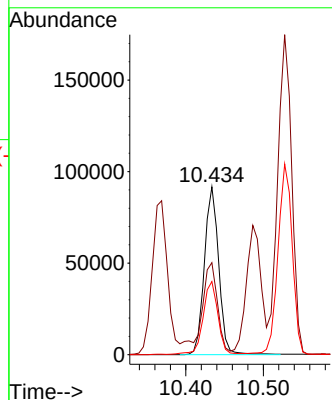
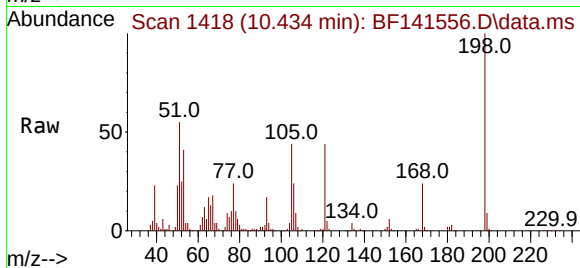
#65
4,6-Dinitro-2-methylphenol
Concen: 42.149 ng
RT: 10.434 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion:198 Resp: 117800
Ion Ratio Lower Upper
198 100
51 54.8 37.4 77.4
105 43.6 25.2 65.2

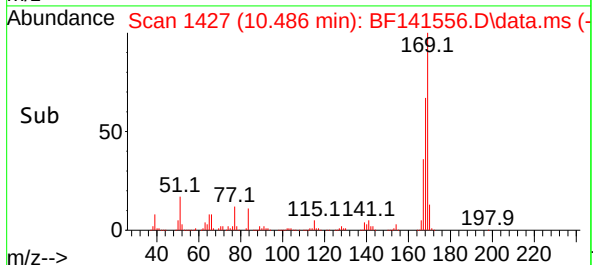
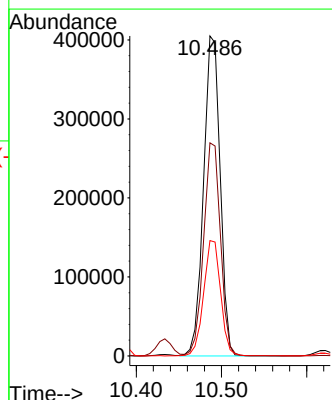
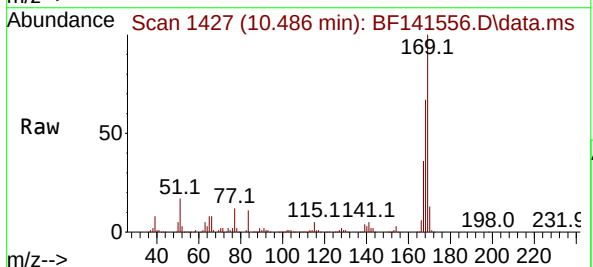
Manual Integrations
APPROVED

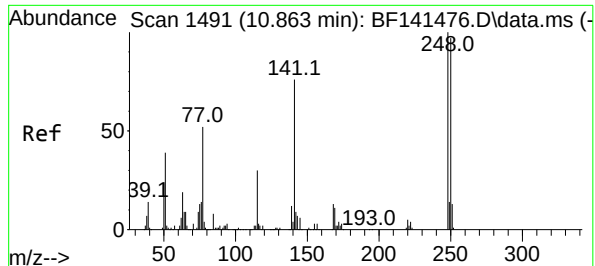
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 42.572 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

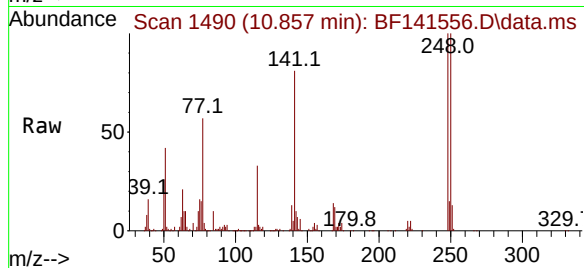
Tgt Ion:169 Resp: 548317
Ion Ratio Lower Upper
169 100
168 66.6 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 41.983 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

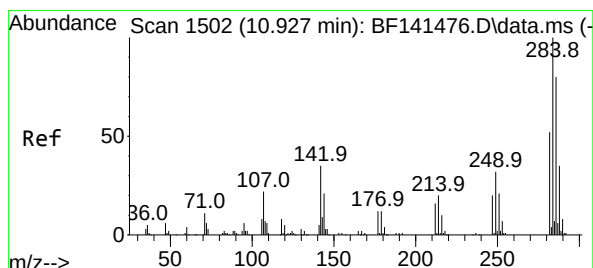
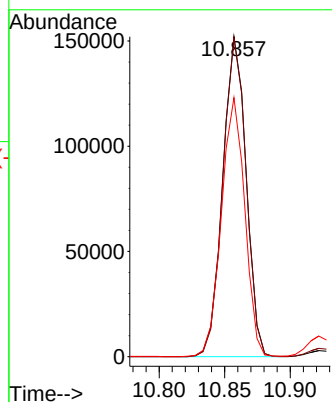
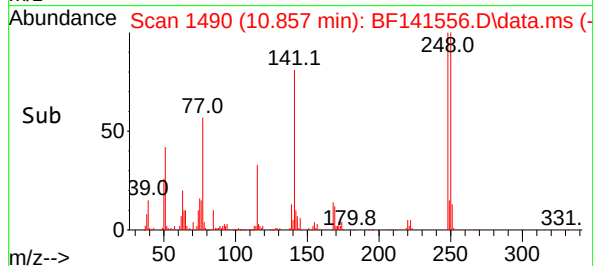
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



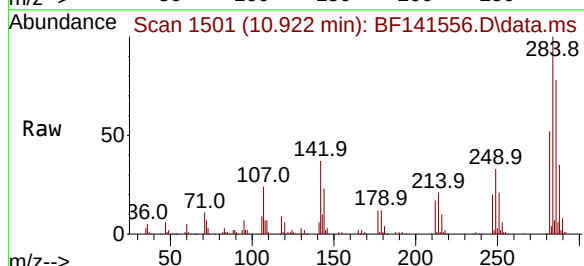
Tgt Ion:248 Resp: 18879
Ion Ratio Lower Upper
248 100
250 99.6 77.8 116.6
141 81.0 60.6 90.8

Manual Integrations
APPROVED

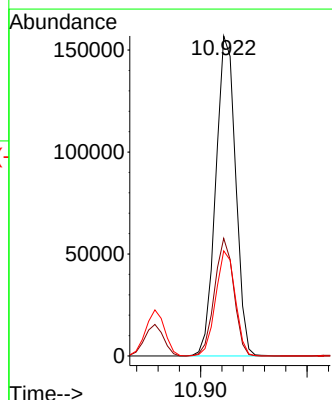
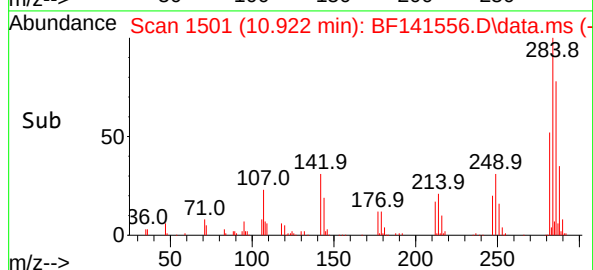
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

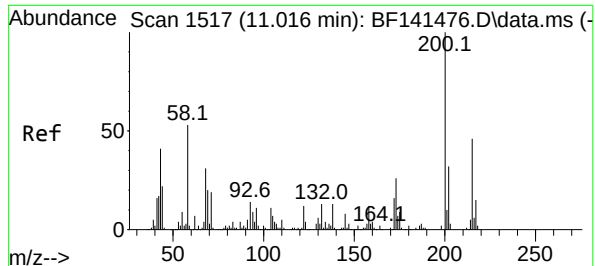


#68
Hexachlorobenzene
Concen: 43.715 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:284 Resp: 202425
Ion Ratio Lower Upper
284 100
142 36.8 28.0 42.0
249 32.9 25.8 38.8





#69

Atrazine

Concen: 55.604 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:200 Resp: 214852

Ion Ratio Lower Upper

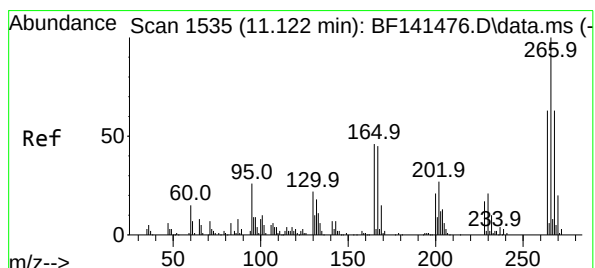
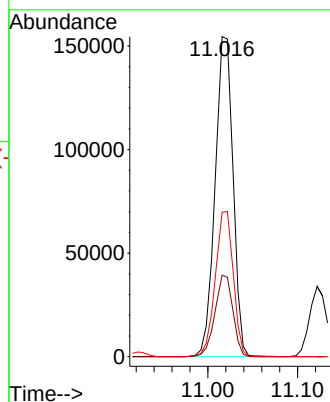
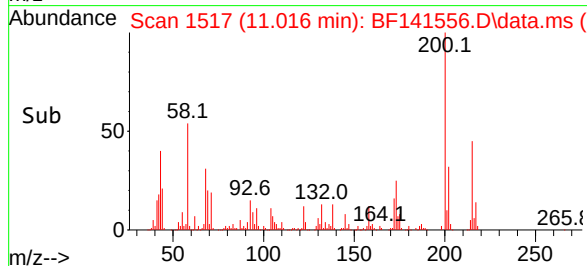
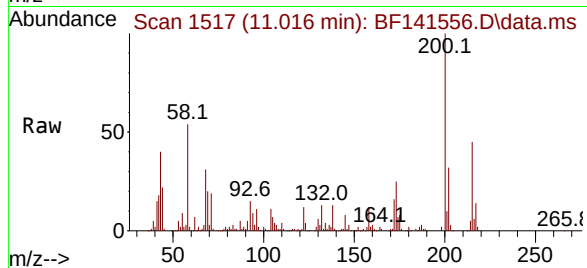
200 100

173 25.5 5.9 45.9

215 45.1 25.9 65.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#70

Pentachlorophenol

Concen: 80.383 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

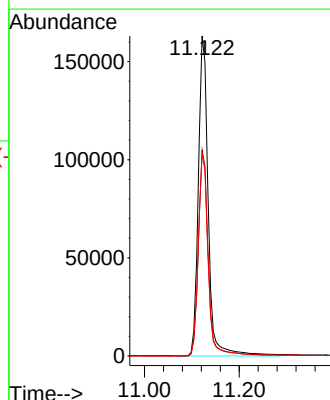
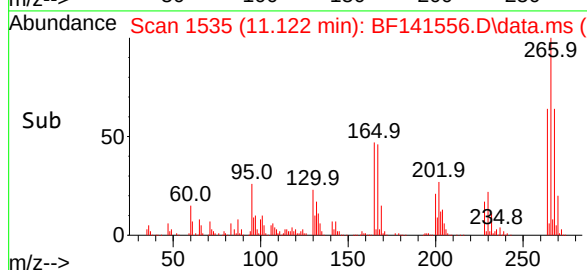
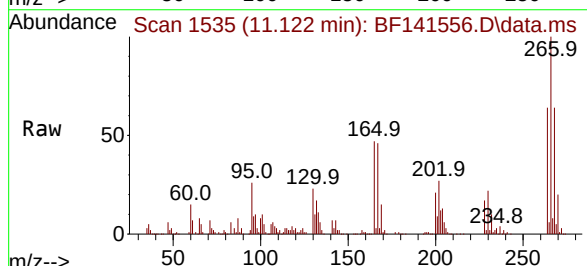
Tgt Ion:266 Resp: 238002

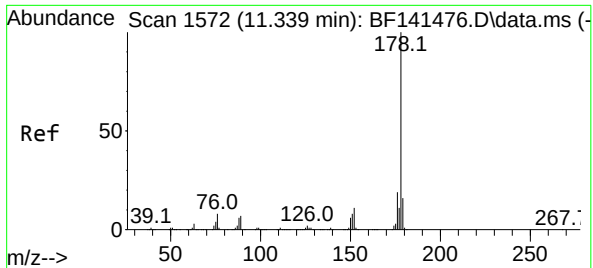
Ion Ratio Lower Upper

266 100

268 64.3 50.1 75.1

264 63.5 50.1 75.1





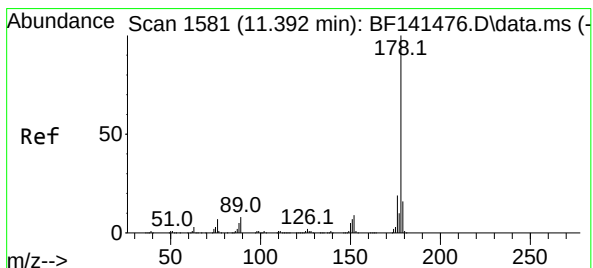
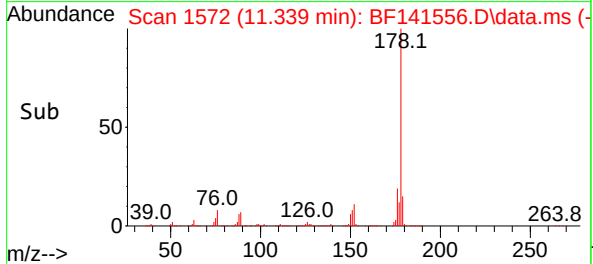
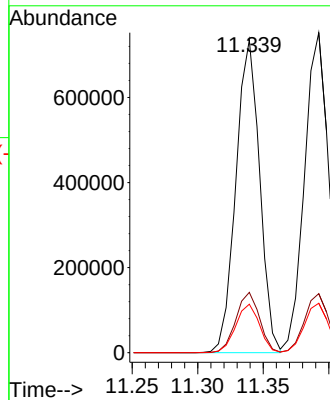
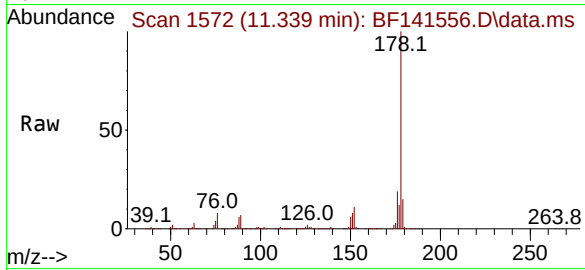
#71
Phenanthrene
Concen: 41.876 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion:178 Resp: 92746
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.4 18.6

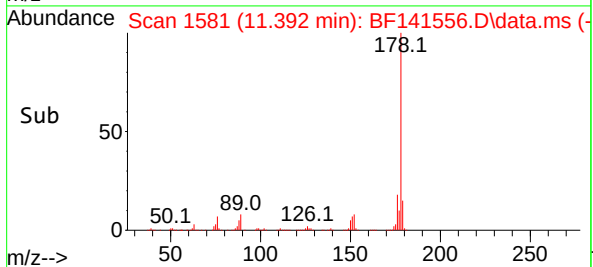
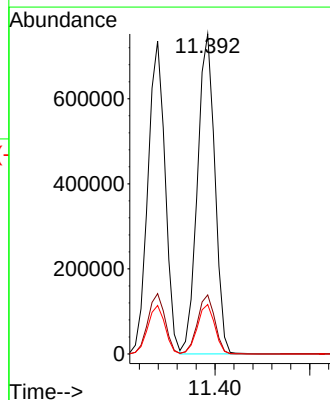
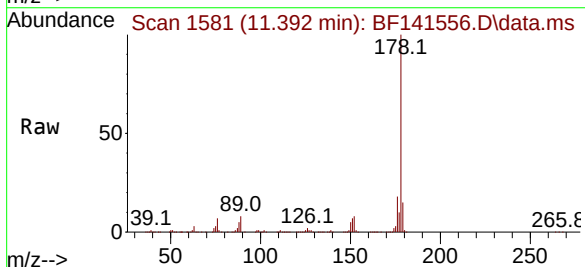
Manual Integrations
APPROVED

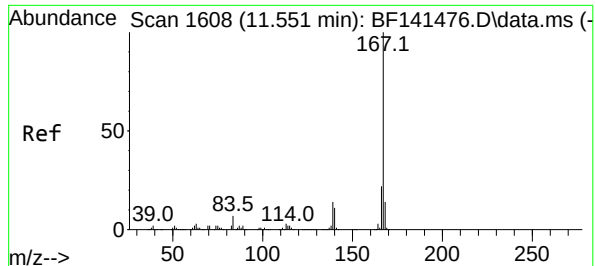
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#72
Anthracene
Concen: 43.030 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

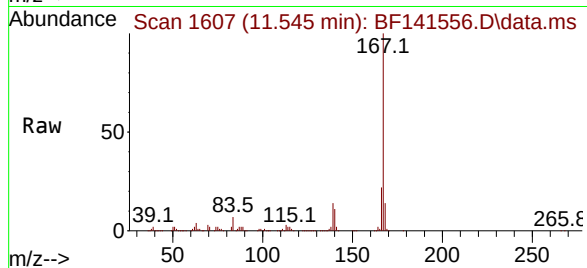
Tgt Ion:178 Resp: 958029
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.4 18.6





#73
Carbazole
Concen: 41.817 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

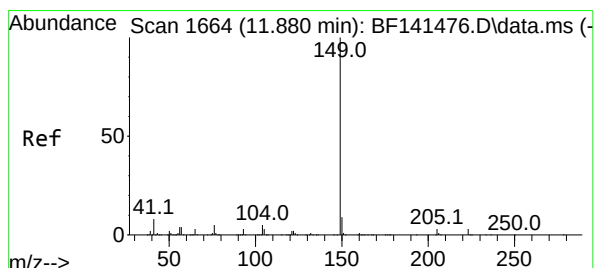
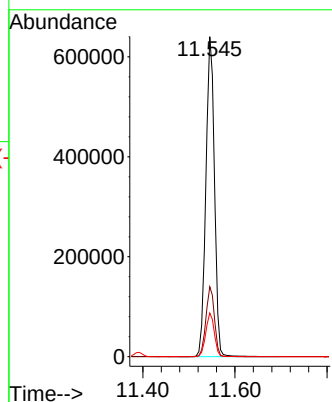
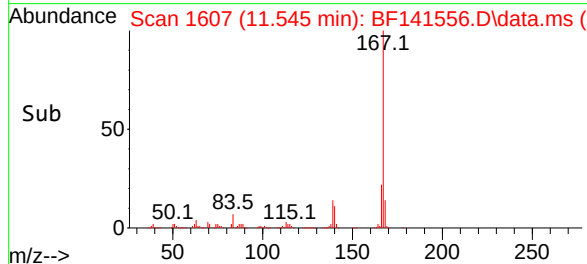
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



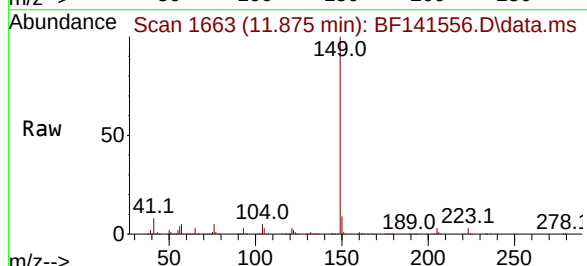
Tgt Ion:167 Resp: 837723
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.6 10.9 16.3

Manual Integrations
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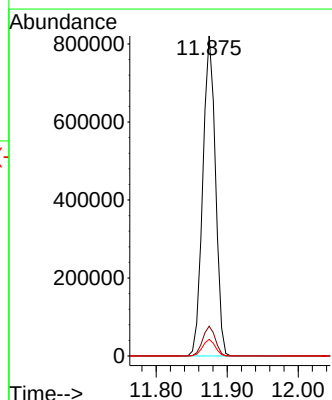
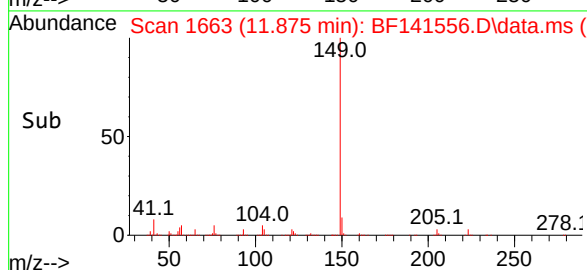
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

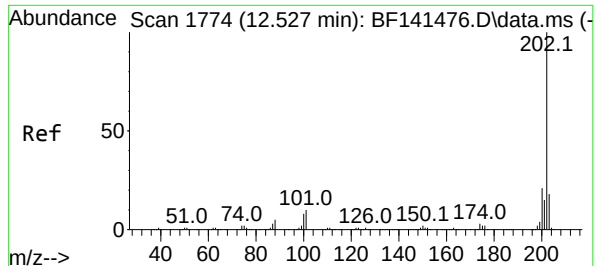


#74
Di-n-butylphthalate
Concen: 44.046 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



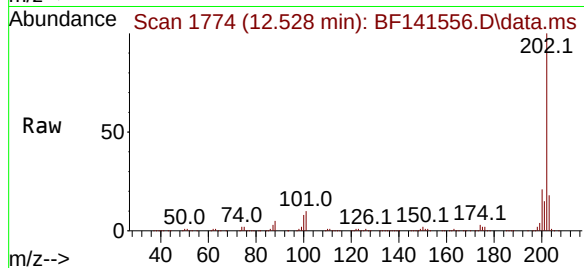
Tgt Ion:149 Resp: 1018839
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 41.764 ng
RT: 12.528 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

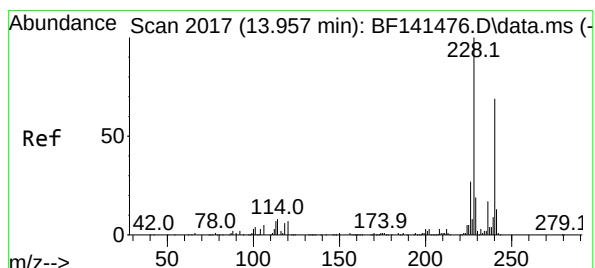
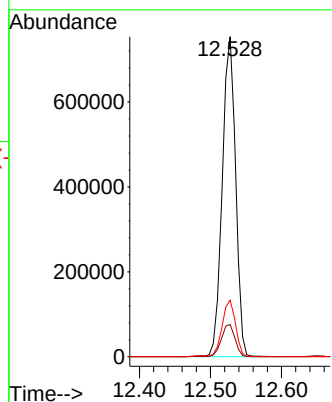
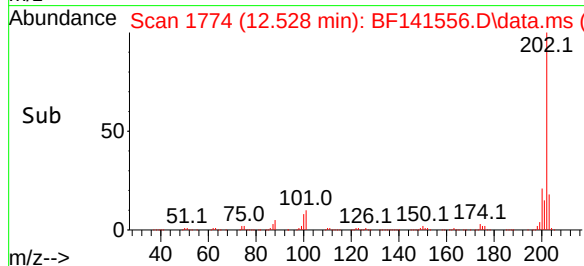
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



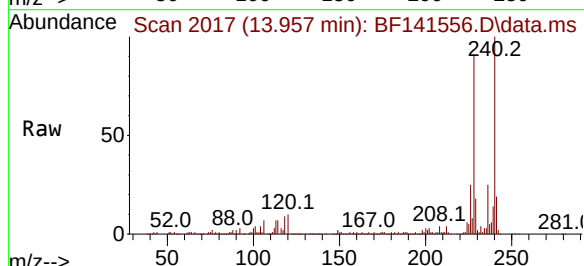
Tgt Ion:202 Resp: 980670
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.7 0.0 37.6

Manual Integrations
APPROVED

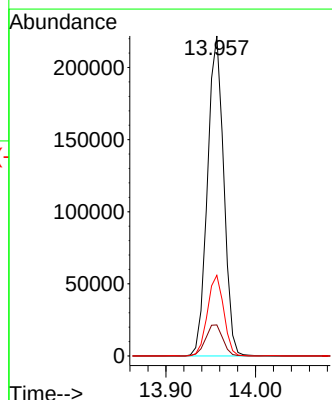
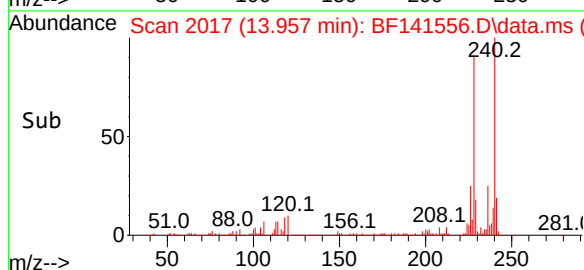
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

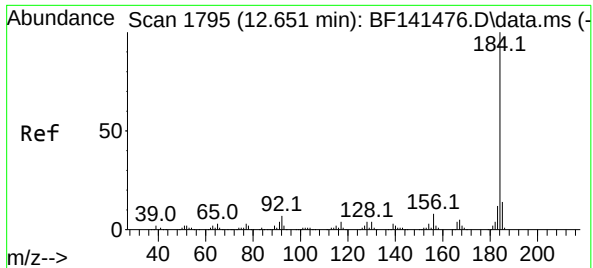


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



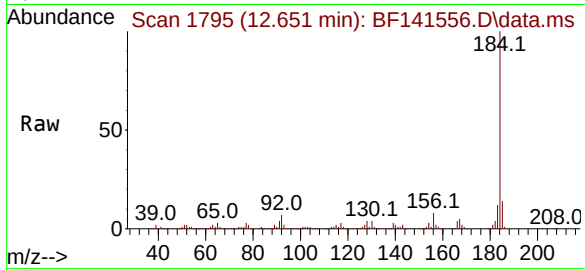
Tgt Ion:240 Resp: 278936
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.2 19.8 29.8





#77
Benzidine
Concen: 64.301 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

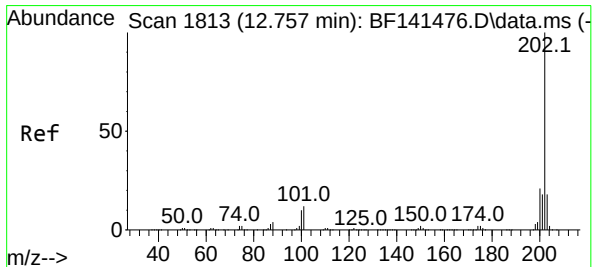
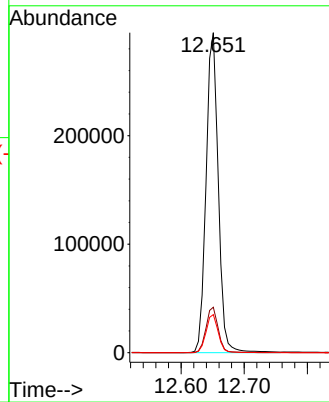
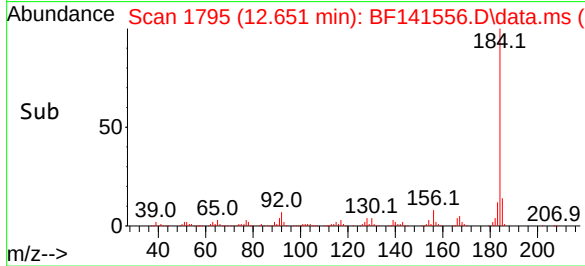
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:184 Resp: 395568
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.9 9.3 13.9

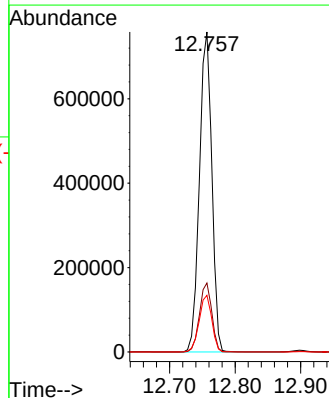
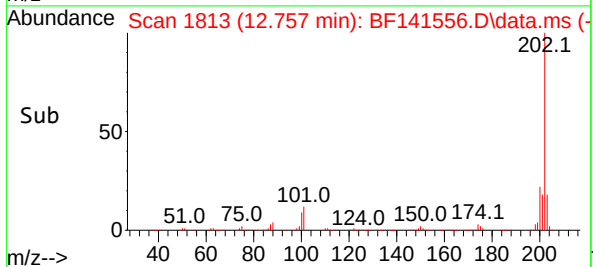
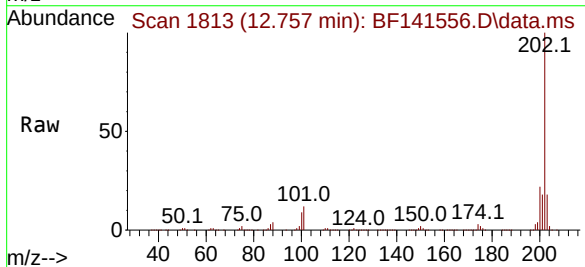
Manual Integrations
APPROVED

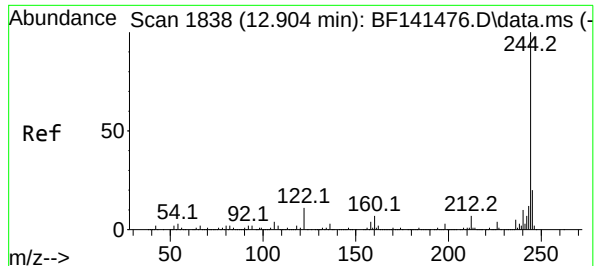
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#78
Pyrene
Concen: 42.112 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:202 Resp: 999960
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 93.212 ng

RT: 12.898 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:244 Resp: 154013

Ion Ratio Lower Upper

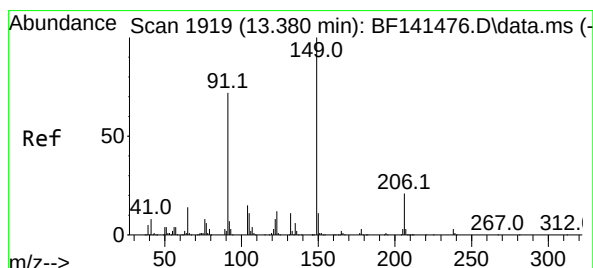
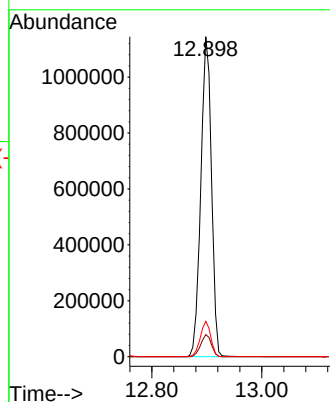
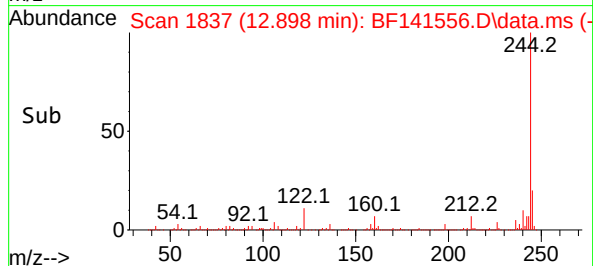
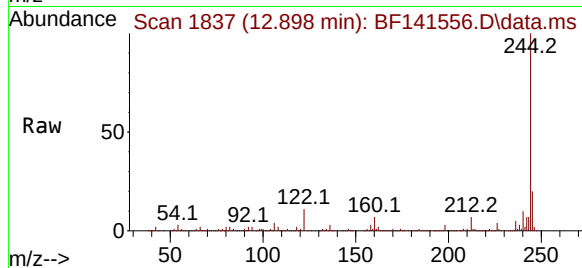
244 100

212 6.9 5.6 8.4

122 11.0 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#80

Butylbenzylphthalate

Concen: 47.620 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

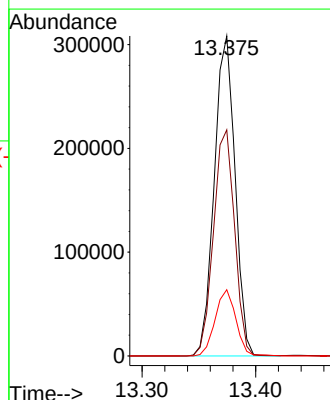
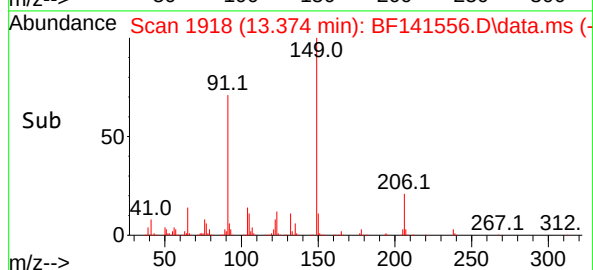
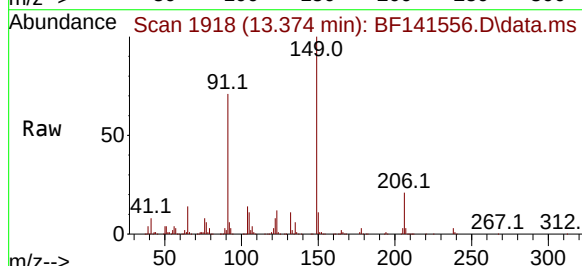
Tgt Ion:149 Resp: 391651

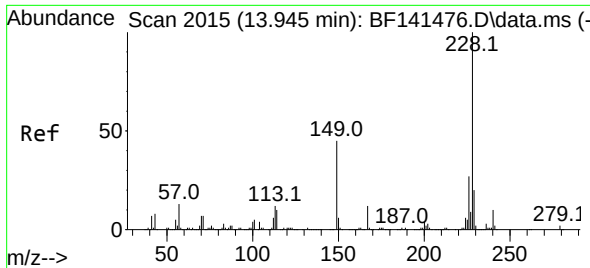
Ion Ratio Lower Upper

149 100

91 70.7 57.8 86.8

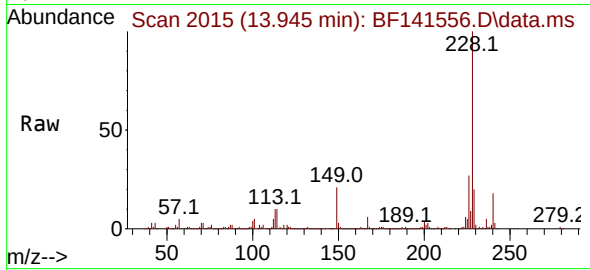
206 20.7 16.7 25.1





#81
Benzo(a)anthracene
Concen: 42.298 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

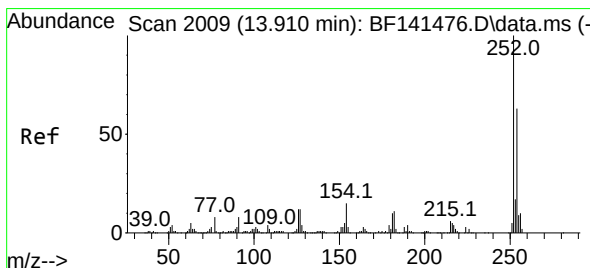
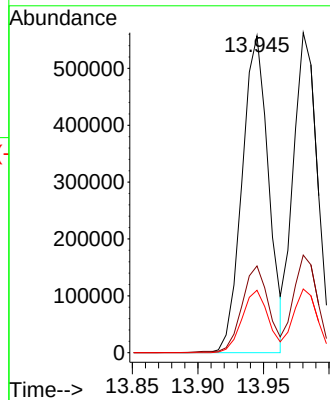
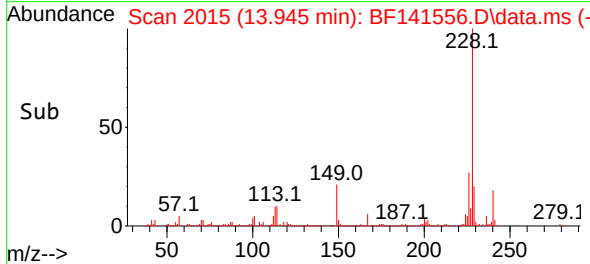
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



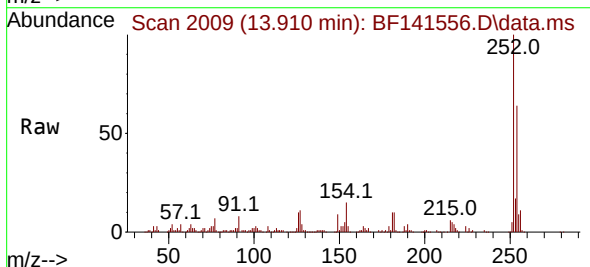
Tgt Ion:228 Resp: 784289
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
APPROVED

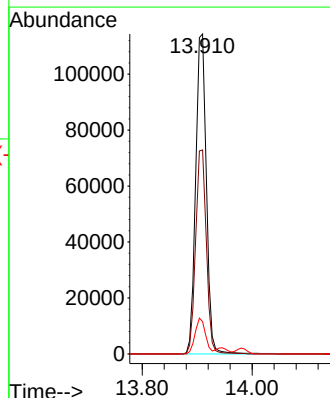
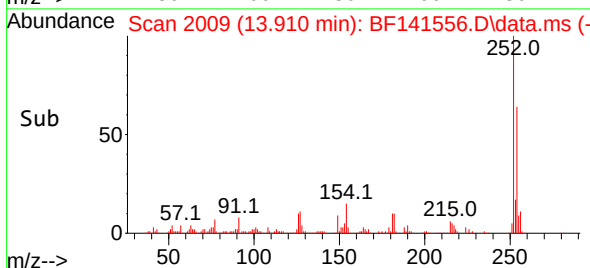
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

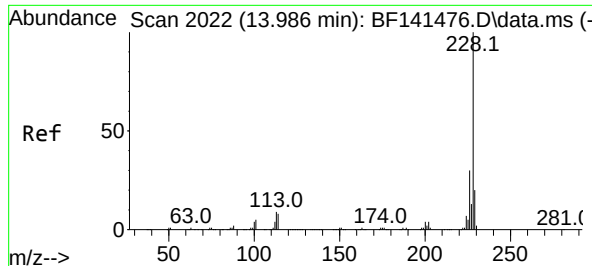


#82
3,3'-Dichlorobenzidine
Concen: 29.108 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:252 Resp: 154605
Ion Ratio Lower Upper
252 100
254 63.8 50.6 76.0
126 10.1 9.3 13.9





#83

Chrysene

Concen: 41.831 ng

RT: 13.980 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:228 Resp: 71616

Ion Ratio Lower Upper

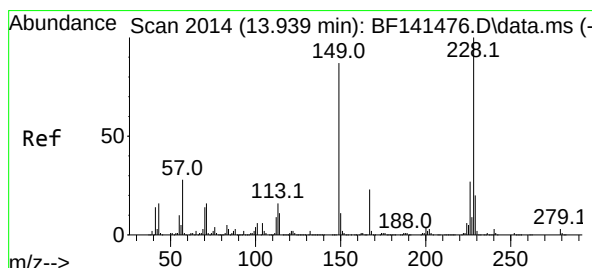
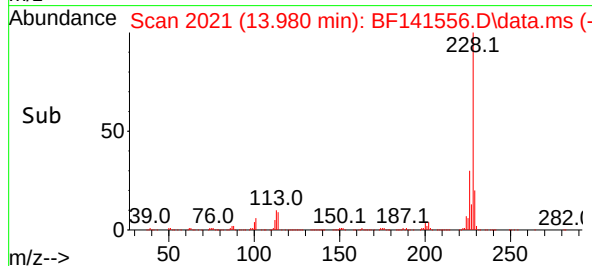
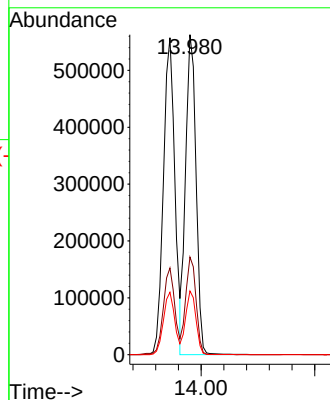
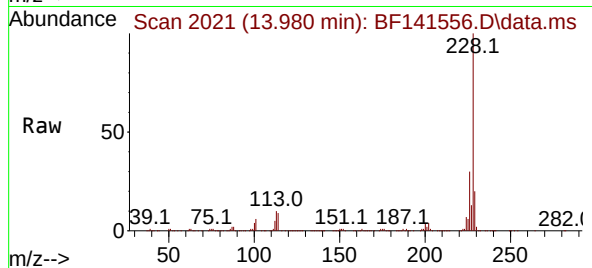
228 100

226 30.5 24.0 36.0

229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#84

Bis(2-ethylhexyl)phthalate

Concen: 51.047 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

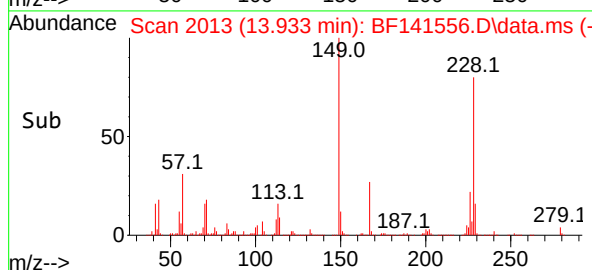
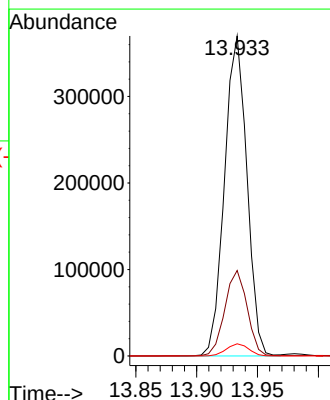
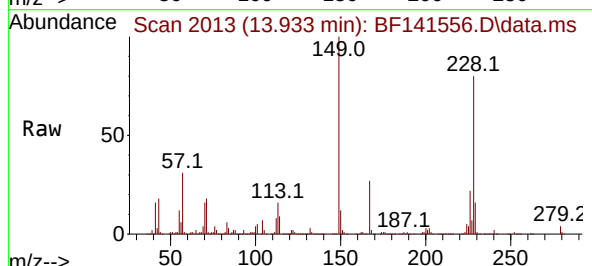
Tgt Ion:149 Resp: 473513

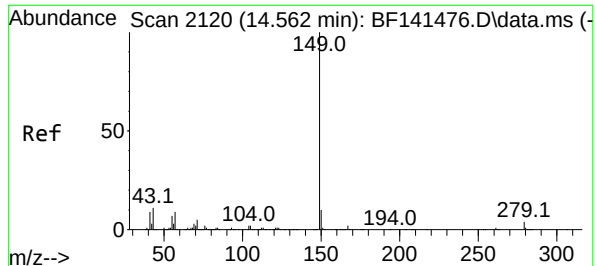
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

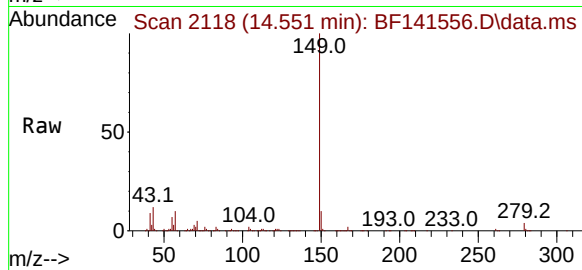
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 48.167 ng
RT: 14.551 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

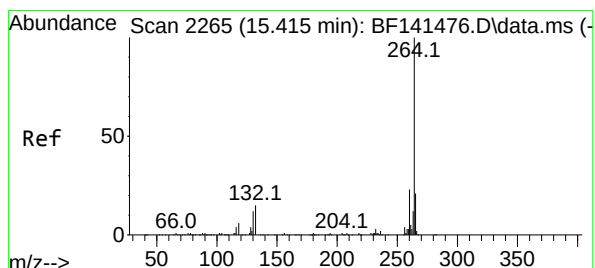
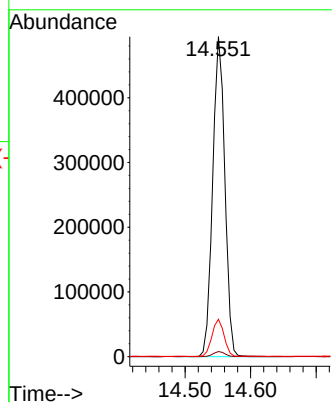
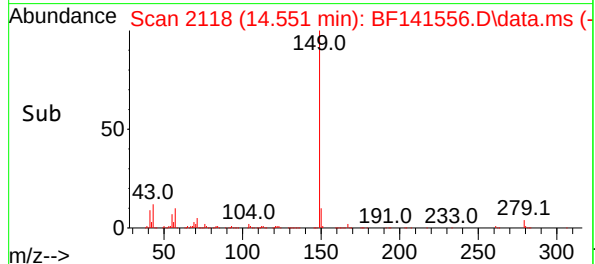
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:149 Resp: 637398
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.5 14.3

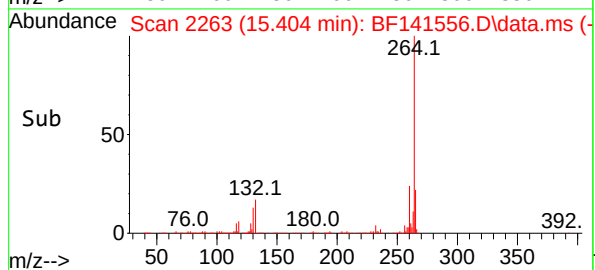
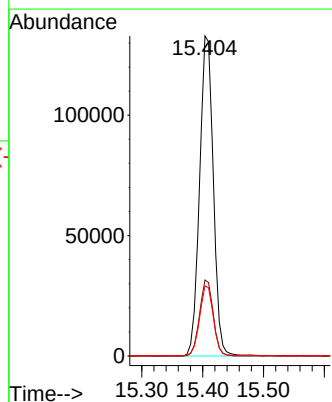
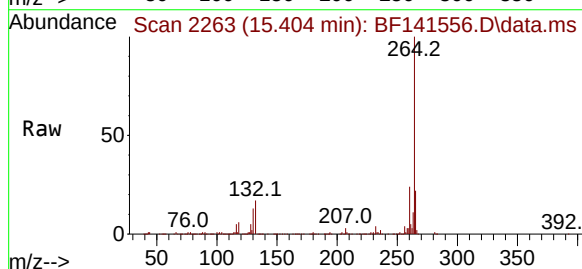
Manual Integrations
APPROVED

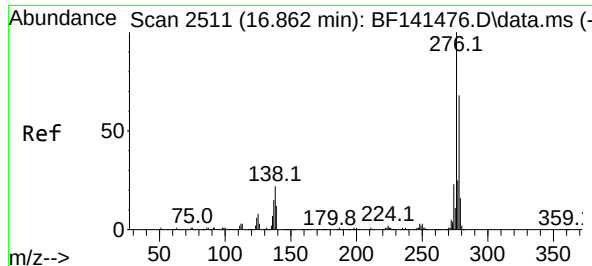
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:264 Resp: 208701
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.142 ng

RT: 16.851 min Scan# 2109

Delta R.T. -0.023 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:276 Resp: 59502

Ion Ratio Lower Upper

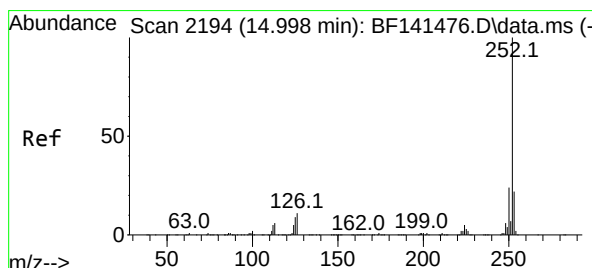
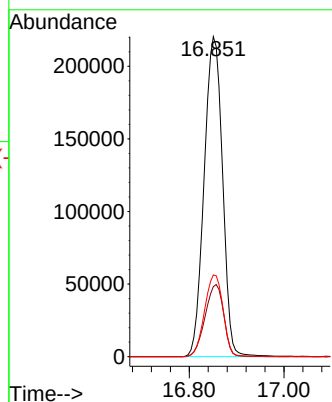
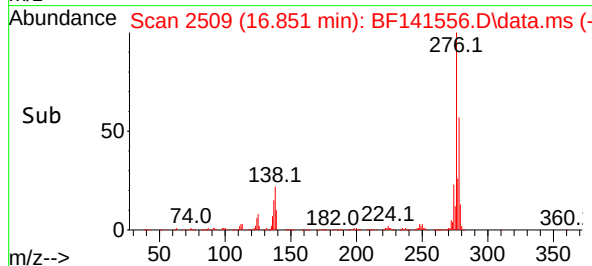
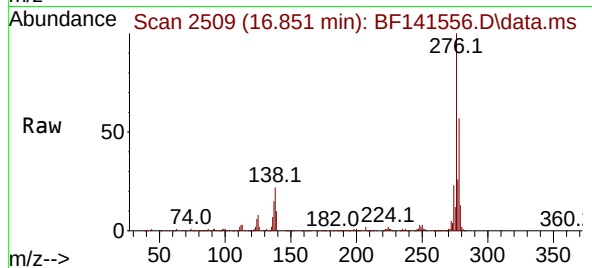
276 100

138 22.8 18.0 27.0

277 25.8 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#88

Benzo(b)fluoranthene

Concen: 42.473 ng

RT: 14.986 min Scan# 2192

Delta R.T. -0.017 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

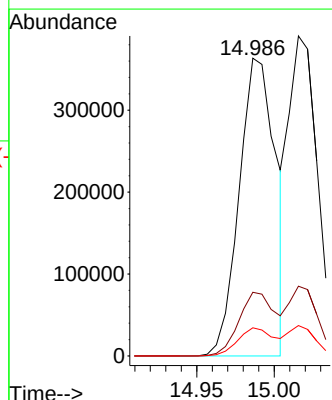
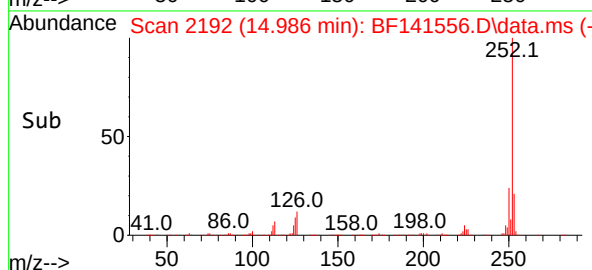
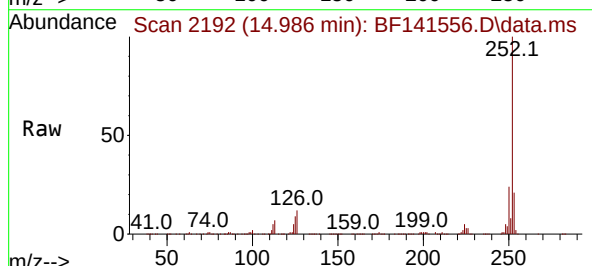
Tgt Ion:252 Resp: 595185

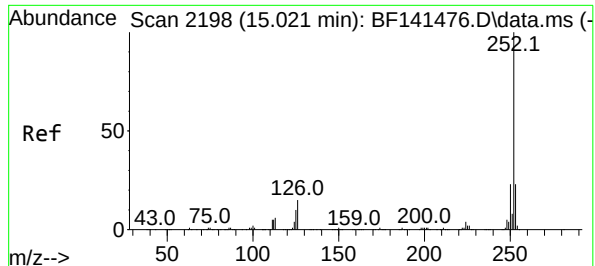
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 42.428 ng

RT: 15.016 min Scan# 2198

Delta R.T. -0.017 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:252 Resp: 50769

Ion Ratio Lower Upper

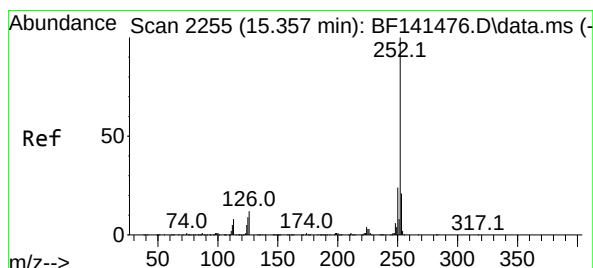
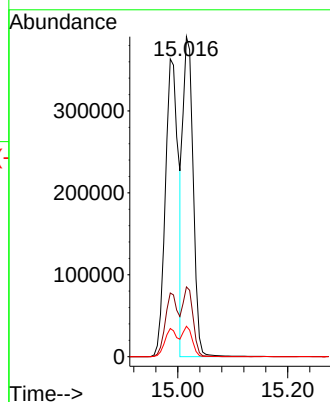
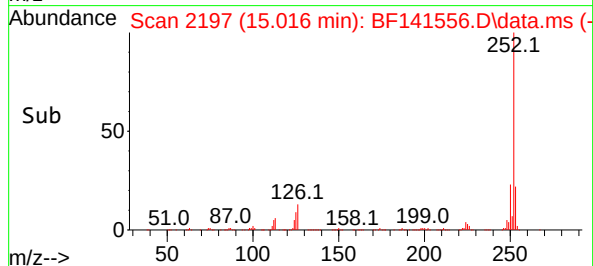
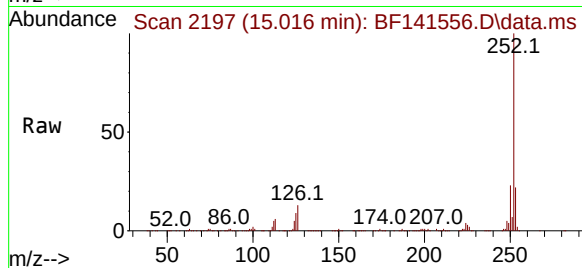
252 100

253 21.8 18.0 27.0

125 9.5 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

#90

Benzo(a)pyrene

Concen: 44.949 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.017 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

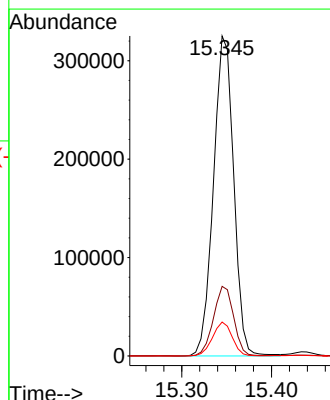
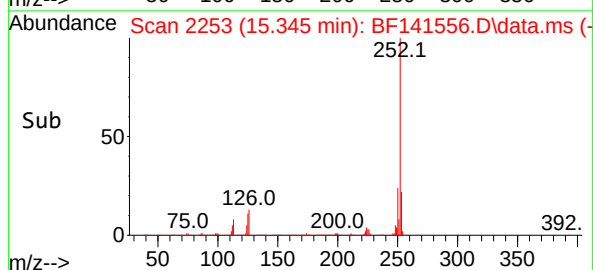
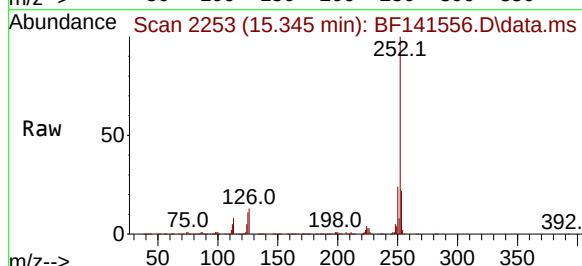
Tgt Ion:252 Resp: 509675

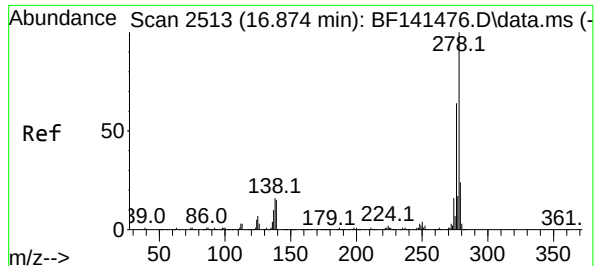
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

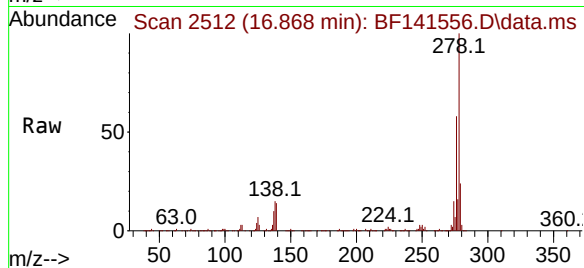
125 10.6 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 46.127 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

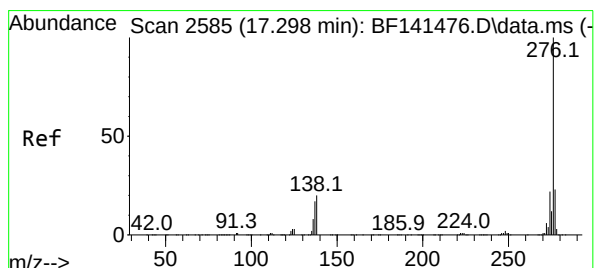
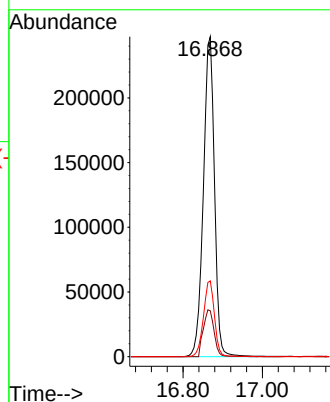
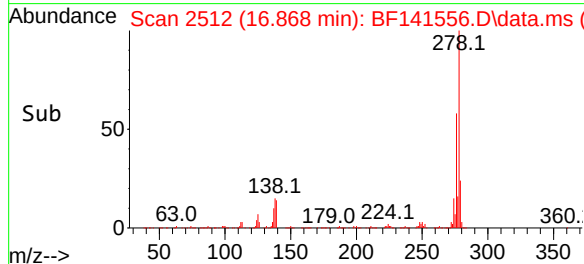
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:278 Resp: 48198
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.6
279 23.7 19.1 28.7

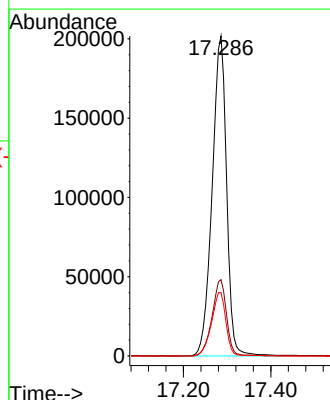
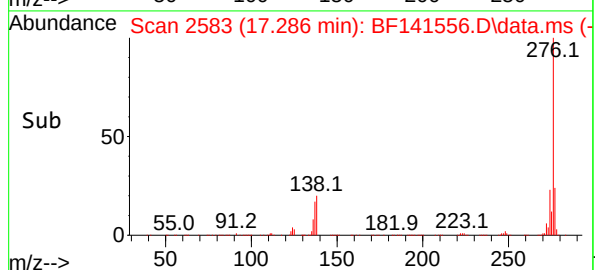
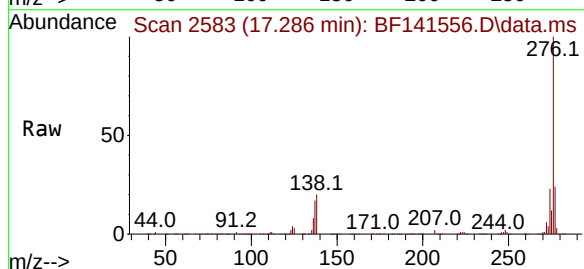
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 42.393 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:276 Resp: 463543
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 19.8 15.9 23.9





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

Manual Integration Report

Sequence:	bf020625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF141474.D	Acenaphthene	Jagrut	2/7/2025 3:49:22 PM	mohammad	2/7/2025 10:09:12 PM	Peak Integrated by Software
SSTDICC020	BF141475.D	Acenaphthene	Jagrut	2/7/2025 3:49:24 PM	mohammad	2/7/2025 10:09:12 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF021125

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB166641BS	BF141555.D	Caprolactam	Jagrut	2/11/2025 6:23:35 PM	mohammad	2/12/2025 7:26:53 AM	Peak Integrated by Software
PB166641BSD	BF141556.D	Caprolactam	Jagrut	2/11/2025 6:23:38 PM	mohammad	2/12/2025 7:26:53 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

bf021325

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1331-01	BF141623.D	Chrysene	yogesh	2/15/2025 4:25:29 AM	mohammad	2/15/2025 4:46:40 AM	Peak Integrated by Software
Q1331-01	BF141623.D	Pyrene	yogesh	2/15/2025 4:25:29 AM	mohammad	2/15/2025 4:46:40 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

bf021425

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM
SubDirectory	BF020625	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12650,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141471.D	06 Feb 2025 10:41	RC/JU	Ok
2	SSTDIC2.5	BF141472.D	06 Feb 2025 11:07	RC/JU	Ok
3	SSTDIC005	BF141473.D	06 Feb 2025 11:34	RC/JU	Ok
4	SSTDIC010	BF141474.D	06 Feb 2025 12:00	RC/JU	Ok,M
5	SSTDIC020	BF141475.D	06 Feb 2025 12:26	RC/JU	Ok,M
6	SSTDIC040	BF141476.D	06 Feb 2025 12:55	RC/JU	Ok
7	SSTDIC050	BF141477.D	06 Feb 2025 13:21	RC/JU	Ok
8	SSTDIC060	BF141478.D	06 Feb 2025 13:47	RC/JU	Ok
9	SSTDIC080	BF141479.D	06 Feb 2025 14:14	RC/JU	Ok
10	SSTDIC040	BF141480.D	06 Feb 2025 15:03	RC/JU	Ok
11	PB166563BL	BF141481.D	06 Feb 2025 15:43	RC/JU	Ok
12	PB166468BS	BF141482.D	06 Feb 2025 16:09	RC/JU	Ok,M
13	PB166468BSD	BF141483.D	06 Feb 2025 16:36	RC/JU	Ok,M
14	PB166468BL	BF141484.D	06 Feb 2025 17:02	RC/JU	Ok
15	Q1214-01RE	BF141485.D	06 Feb 2025 17:34	RC/JU	Confirms
16	Q1309-01	BF141486.D	06 Feb 2025 18:00	RC/JU	Ok
17	Q1309-05	BF141487.D	06 Feb 2025 18:27	RC/JU	Ok
18	Q1309-09	BF141488.D	06 Feb 2025 18:53	RC/JU	Ok
19	Q1309-13	BF141489.D	06 Feb 2025 19:19	RC/JU	Ok
20	Q1309-13MS	BF141490.D	06 Feb 2025 19:45	RC/JU	Ok,M
21	Q1309-13MSD	BF141491.D	06 Feb 2025 20:11	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM
SubDirectory	BF020625	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12650,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1309-17	BF141492.D	06 Feb 2025 20:37	RC/JU	Ok
23	Q1309-21	BF141493.D	06 Feb 2025 21:03	RC/JU	Ok
24	Q1216-04	BF141494.D	06 Feb 2025 21:30	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM
SubDirectory	BF021125	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12651,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141550.D	11 Feb 2025 10:02	RC/JU	Ok
2	SSTDCCC040	BF141551.D	11 Feb 2025 10:28	RC/JU	Ok
3	PB166640BL	BF141552.D	11 Feb 2025 10:55	RC/JU	Ok
4	PB166640BS	BF141553.D	11 Feb 2025 11:21	RC/JU	Ok,M
5	PB166641BL	BF141554.D	11 Feb 2025 11:47	RC/JU	Ok
6	PB166641BS	BF141555.D	11 Feb 2025 12:13	RC/JU	Ok,M
7	PB166641BSD	BF141556.D	11 Feb 2025 12:39	RC/JU	Ok,M
8	PB166591TB	BF141557.D	11 Feb 2025 13:05	RC/JU	Ok
9	PB166610BS	BF141558.D	11 Feb 2025 13:32	RC/JU	Ok,M
10	Q1309-20	BF141559.D	11 Feb 2025 14:04	RC/JU	Ok
11	Q1309-24	BF141560.D	11 Feb 2025 14:30	RC/JU	ReRun
12	Q1309-08	BF141561.D	11 Feb 2025 14:56	RC/JU	Ok
13	Q1309-16	BF141562.D	11 Feb 2025 15:23	RC/JU	Ok
14	Q1309-12	BF141563.D	11 Feb 2025 15:49	RC/JU	Ok
15	Q1343-17	BF141564.D	11 Feb 2025 16:15	RC/JU	Ok
16	Q1340-01	BF141565.D	11 Feb 2025 16:42	RC/JU	Ok
17	Q1343-01	BF141566.D	11 Feb 2025 17:08	RC/JU	Ok,M
18	Q1206-03DL	BF141567.D	11 Feb 2025 17:35	RC/JU	Ok,M
19	Q1285-01DL	BF141568.D	11 Feb 2025 18:01	RC/JU	Ok,M
20	Q1346-01	BF141569.D	11 Feb 2025 18:27	RC/JU	Ok,M
21	Q1346-01MS	BF141570.D	11 Feb 2025 18:53	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM
SubDirectory	BF021125	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12651,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1346-01MSD	BF141571.D	11 Feb 2025 19:19	RC/JU	Ok,M
23	Q1215-03	BF141572.D	11 Feb 2025 19:45	RC/JU	Ok,M
24	Q1215-03MS	BF141573.D	11 Feb 2025 20:11	RC/JU	Ok,M
25	Q1215-03MSD	BF141574.D	11 Feb 2025 20:38	RC/JU	Ok,M
26	Q1345-01	BF141575.D	11 Feb 2025 21:04	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM
SubDirectory	BF021325	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12651,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141602.D	13 Feb 2025 09:10	RC/JU	Ok
2	SSTDCCC040	BF141603.D	13 Feb 2025 10:07	RC/JU	Ok
3	PB166698BL	BF141604.D	13 Feb 2025 10:33	RC/JU	Ok
4	PB166698BS	BF141605.D	13 Feb 2025 11:00	RC/JU	Ok,M
5	Q1343-16RE	BF141606.D	13 Feb 2025 11:32	RC/JU	Confirms
6	Q1343-20RE	BF141607.D	13 Feb 2025 11:58	RC/JU	Confirms
7	Q1237-03	BF141608.D	13 Feb 2025 12:24	RC/JU	Ok
8	Q1343-13	BF141609.D	13 Feb 2025 12:51	RC/JU	Ok
9	Q1343-13MS	BF141610.D	13 Feb 2025 13:17	RC/JU	Ok,M
10	Q1343-13MSD	BF141611.D	13 Feb 2025 13:44	RC/JU	Ok,M
11	Q1353-02	BF141612.D	13 Feb 2025 14:10	RC/JU	Ok
12	Q1356-01	BF141613.D	13 Feb 2025 14:37	RC/JU	Ok
13	Q1356-03	BF141614.D	13 Feb 2025 15:03	RC/JU	Ok
14	Q1356-05	BF141615.D	13 Feb 2025 15:30	RC/JU	ReRun
15	Q1356-06	BF141616.D	13 Feb 2025 15:56	RC/JU	Ok
16	Q1356-07	BF141617.D	13 Feb 2025 16:22	RC/JU	Ok
17	Q1356-08	BF141618.D	13 Feb 2025 16:49	RC/JU	ReRun
18	Q1356-09	BF141619.D	13 Feb 2025 17:15	RC/JU	Ok
19	Q1353-01	BF141620.D	13 Feb 2025 17:42	RC/JU	Ok,M
20	Q1353-01MS	BF141621.D	13 Feb 2025 18:08	RC/JU	Ok,M
21	Q1353-01MSD	BF141622.D	13 Feb 2025 18:34	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM		
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM		
SubDirectory	BF021325	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME		STD REF.#			
Tune/Reschk		SP6717			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12651,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q1331-01	BF141623.D	13 Feb 2025 19:01	RC/JU	Dilution
23	Q1365-03	BF141624.D	13 Feb 2025 19:27	RC/JU	Ok
24	Q1365-05	BF141625.D	13 Feb 2025 19:53	RC/JU	Ok,M
25	Q1354-01	BF141626.D	13 Feb 2025 20:20	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM
SubDirectory	BF021425	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12651,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141627.D	14 Feb 2025 09:19	RC/JU	Ok
2	SSTDCCC040	BF141628.D	14 Feb 2025 09:45	RC/JU	Ok
3	PB166711BL	BF141629.D	14 Feb 2025 10:29	RC/JU	Ok
4	PB166711BS	BF141630.D	14 Feb 2025 10:55	RC/JU	Ok,M
5	PB166700TB	BF141631.D	14 Feb 2025 11:21	RC/JU	Ok
6	PB166702TB	BF141632.D	14 Feb 2025 11:48	RC/JU	Ok
7	Q1352-02	BF141633.D	14 Feb 2025 12:18	RC/JU	Ok
8	Q1356-04	BF141634.D	14 Feb 2025 12:44	RC/JU	Ok
9	Q1356-04MS	BF141635.D	14 Feb 2025 13:11	RC/JU	Ok,M
10	Q1356-04MSD	BF141636.D	14 Feb 2025 13:37	RC/JU	Ok,M
11	SSTDCCC040	BF141637.D	14 Feb 2025 14:12	RC/JU	Ok
12	DFTPP	BF141638.D	14 Feb 2025 14:38	RC/JU	Ok
13	SSTDCCC040	BF141639.D	14 Feb 2025 15:04	RC/JU	Ok
14	PB166719BL	BF141640.D	14 Feb 2025 15:30	RC/JU	Ok
15	PB166719BS	BF141641.D	14 Feb 2025 15:56	RC/JU	Ok,M
16	Q1356-05RE	BF141642.D	14 Feb 2025 16:30	RC/JU	Confirms
17	Q1356-08RE	BF141643.D	14 Feb 2025 16:56	RC/JU	Confirms
18	Q1365-01	BF141644.D	14 Feb 2025 17:22	RC/JU	Ok
19	Q1365-08	BF141645.D	14 Feb 2025 17:49	RC/JU	Ok
20	Q1365-04	BF141646.D	14 Feb 2025 18:15	RC/JU	Ok,M
21	Q1365-02	BF141647.D	14 Feb 2025 18:41	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM		
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM		
SubDirectory	BF021425	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME		STD REF.#			
Tune/Reschk		SP6717			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12651,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q1331-01DL	BF141648.D	14 Feb 2025 19:08	RC/JU	Ok
23	Q1365-06	BF141649.D	14 Feb 2025 19:34	RC/JU	Ok,M
24	Q1365-06MS	BF141650.D	14 Feb 2025 20:00	RC/JU	Ok,M
25	Q1365-06MSD	BF141651.D	14 Feb 2025 20:26	RC/JU	Ok,M
26	Q1365-07	BF141652.D	14 Feb 2025 20:52	RC/JU	Ok,M
27	Q1366-01	BF141653.D	14 Feb 2025 21:19	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM
SubDirectory	BF020625	HP Acquire Method	BNA_F
		HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141471.D	06 Feb 2025 10:41		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141472.D	06 Feb 2025 11:07		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141473.D	06 Feb 2025 11:34	Compound #32,41,54 and #65 removed from 5PPM	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141474.D	06 Feb 2025 12:00		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF141475.D	06 Feb 2025 12:26		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF141476.D	06 Feb 2025 12:55	The Calibration is Good For 8270 DOD and good for 625.1 Method	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141477.D	06 Feb 2025 13:21		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF141478.D	06 Feb 2025 13:47		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF141479.D	06 Feb 2025 14:14	Compound #9 removed from 80ppm	RC/JU	Ok
10	SSTDICV040	ICVBF020625	BF141480.D	06 Feb 2025 15:03		RC/JU	Ok
11	PB166563BL	PB166563BL	BF141481.D	06 Feb 2025 15:43		RC/JU	Ok
12	PB166468BS	PB166468BS	BF141482.D	06 Feb 2025 16:09		RC/JU	Ok,M
13	PB166468BSD	PB166468BSD	BF141483.D	06 Feb 2025 16:36		RC/JU	Ok,M
14	PB166468BL	PB166468BL	BF141484.D	06 Feb 2025 17:02		RC/JU	Ok
15	Q1214-01RE	PARAMUS-CONDENS	BF141485.D	06 Feb 2025 17:34	Surrogate Fail	RC/JU	Confirms
16	Q1309-01	WC-2	BF141486.D	06 Feb 2025 18:00		RC/JU	Ok
17	Q1309-05	WC-3	BF141487.D	06 Feb 2025 18:27		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM		
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM		
SubDirectory	BF020625	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12650,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q1309-09	WC-4	BF141488.D	06 Feb 2025 18:53		RC/JU	Ok
19	Q1309-13	WC-5	BF141489.D	06 Feb 2025 19:19		RC/JU	Ok
20	Q1309-13MS	WC-5MS	BF141490.D	06 Feb 2025 19:45		RC/JU	Ok,M
21	Q1309-13MSD	WC-5MSD	BF141491.D	06 Feb 2025 20:11		RC/JU	Ok,M
22	Q1309-17	WC-6	BF141492.D	06 Feb 2025 20:37		RC/JU	Ok
23	Q1309-21	WC-8	BF141493.D	06 Feb 2025 21:03		RC/JU	Ok
24	Q1216-04	JPP-18.1-012825	BF141494.D	06 Feb 2025 21:30		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM
SubDirectory	BF021125	HP Acquire Method	BNA_F
		HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141550.D	11 Feb 2025 10:02		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141551.D	11 Feb 2025 10:28		RC/JU	Ok
3	PB166640BL	PB166640BL	BF141552.D	11 Feb 2025 10:55		RC/JU	Ok
4	PB166640BS	PB166640BS	BF141553.D	11 Feb 2025 11:21		RC/JU	Ok,M
5	PB166641BL	PB166641BL	BF141554.D	11 Feb 2025 11:47		RC/JU	Ok
6	PB166641BS	PB166641BS	BF141555.D	11 Feb 2025 12:13		RC/JU	Ok,M
7	PB166641BSD	PB166641BSD	BF141556.D	11 Feb 2025 12:39		RC/JU	Ok,M
8	PB166591TB	PB166591TB	BF141557.D	11 Feb 2025 13:05		RC/JU	Ok
9	PB166610BS	PB166610BS	BF141558.D	11 Feb 2025 13:32		RC/JU	Ok,M
10	Q1309-20	WC-6	BF141559.D	11 Feb 2025 14:04		RC/JU	Ok
11	Q1309-24	WC-8	BF141560.D	11 Feb 2025 14:30	Internal Standard and surrogate fail	RC/JU	ReRun
12	Q1309-08	WC-3	BF141561.D	11 Feb 2025 14:56		RC/JU	Ok
13	Q1309-16	WC-5	BF141562.D	11 Feb 2025 15:23		RC/JU	Ok
14	Q1309-12	WC-4	BF141563.D	11 Feb 2025 15:49		RC/JU	Ok
15	Q1343-17	WC-14	BF141564.D	11 Feb 2025 16:15		RC/JU	Ok
16	Q1340-01	RV-SOIL	BF141565.D	11 Feb 2025 16:42		RC/JU	Ok
17	Q1343-01	WC-9	BF141566.D	11 Feb 2025 17:08		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021125

Review By	yogesh	Review On	2/12/2025 6:52:02 AM		
Supervise By	mohammad	Supervise On	2/12/2025 7:26:53 AM		
SubDirectory	BF021125	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12651,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q1206-03DL	JPP-20.1-012725DL	BF141567.D	11 Feb 2025 17:35		RC/JU	Ok,M
19	Q1285-01DL	72-11977DL	BF141568.D	11 Feb 2025 18:01		RC/JU	Ok,M
20	Q1346-01	SOIL-COMP	BF141569.D	11 Feb 2025 18:27		RC/JU	Ok,M
21	Q1346-01MS	SOIL-COMPMS	BF141570.D	11 Feb 2025 18:53		RC/JU	Ok,M
22	Q1346-01MSD	SOIL-COMPMSD	BF141571.D	11 Feb 2025 19:19		RC/JU	Ok,M
23	Q1215-03	JPP-29.1-012825	BF141572.D	11 Feb 2025 19:45		RC/JU	Ok,M
24	Q1215-03MS	JPP-29.1-012825MS	BF141573.D	11 Feb 2025 20:11		RC/JU	Ok,M
25	Q1215-03MSD	JPP-29.1-012825MSD	BF141574.D	11 Feb 2025 20:38		RC/JU	Ok,M
26	Q1345-01	EO-01-021025	BF141575.D	11 Feb 2025 21:04		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM
SubDirectory	BF021325	HP Acquire Method	BNA_F
		HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141602.D	13 Feb 2025 09:10		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141603.D	13 Feb 2025 10:07		RC/JU	Ok
3	PB166698BL	PB166698BL	BF141604.D	13 Feb 2025 10:33		RC/JU	Ok
4	PB166698BS	PB166698BS	BF141605.D	13 Feb 2025 11:00		RC/JU	Ok,M
5	Q1343-16RE	WC-13RE	BF141606.D	13 Feb 2025 11:32	Internal Standard and Surrogate Fail	RC/JU	Confirms
6	Q1343-20RE	WC-14RE	BF141607.D	13 Feb 2025 11:58	Internal Standard and Surrogate Fail	RC/JU	Confirms
7	Q1237-03	HL2PX3	BF141608.D	13 Feb 2025 12:24		RC/JU	Ok
8	Q1343-13	WC-13	BF141609.D	13 Feb 2025 12:51		RC/JU	Ok
9	Q1343-13MS	WC-13MS	BF141610.D	13 Feb 2025 13:17		RC/JU	Ok,M
10	Q1343-13MSD	WC-13MSD	BF141611.D	13 Feb 2025 13:44		RC/JU	Ok,M
11	Q1353-02	346	BF141612.D	13 Feb 2025 14:10		RC/JU	Ok
12	Q1356-01	CARBON-SOLID	BF141613.D	13 Feb 2025 14:37		RC/JU	Ok
13	Q1356-03	SOIL-PILE	BF141614.D	13 Feb 2025 15:03		RC/JU	Ok
14	Q1356-05	CARBON-FB	BF141615.D	13 Feb 2025 15:30	Surrogate Fail	RC/JU	ReRun
15	Q1356-06	WATER-A	BF141616.D	13 Feb 2025 15:56		RC/JU	Ok
16	Q1356-07	WATER-B	BF141617.D	13 Feb 2025 16:22		RC/JU	Ok
17	Q1356-08	WATER-FB	BF141618.D	13 Feb 2025 16:49	Surrogate Fail	RC/JU	ReRun

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021325

Review By	yogesh	Review On	2/15/2025 4:25:45 AM		
Supervise By	mohammad	Supervise On	2/15/2025 4:46:40 AM		
SubDirectory	BF021325	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME		STD REF.#			
Tune/Reschk		SP6717			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12651,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q1356-09	SOIL-FB	BF141619.D	13 Feb 2025 17:15		RC/JU	Ok
19	Q1353-01	346	BF141620.D	13 Feb 2025 17:42		RC/JU	Ok,M
20	Q1353-01MS	346MS	BF141621.D	13 Feb 2025 18:08		RC/JU	Ok,M
21	Q1353-01MSD	346MSD	BF141622.D	13 Feb 2025 18:34		RC/JU	Ok,M
22	Q1331-01	MW1R	BF141623.D	13 Feb 2025 19:01	Internal Standard Fail, Need 5X Dilution	RC/JU	Dilution
23	Q1365-03	72-11995	BF141624.D	13 Feb 2025 19:27		RC/JU	Ok
24	Q1365-05	286	BF141625.D	13 Feb 2025 19:53		RC/JU	Ok,M
25	Q1354-01	NB-08-021125	BF141626.D	13 Feb 2025 20:20		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM
SubDirectory	BF021425	HP Acquire Method	BNA_F
		HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12651,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141627.D	14 Feb 2025 09:19		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141628.D	14 Feb 2025 09:45		RC/JU	Ok
3	PB166711BL	PB166711BL	BF141629.D	14 Feb 2025 10:29		RC/JU	Ok
4	PB166711BS	PB166711BS	BF141630.D	14 Feb 2025 10:55		RC/JU	Ok,M
5	PB166700TB	PB166700TB	BF141631.D	14 Feb 2025 11:21		RC/JU	Ok
6	PB166702TB	PB166702TB	BF141632.D	14 Feb 2025 11:48		RC/JU	Ok
7	Q1352-02	TAP-IDW-SOIL-021025	BF141633.D	14 Feb 2025 12:18		RC/JU	Ok
8	Q1356-04	CARBON-WATER	BF141634.D	14 Feb 2025 12:44		RC/JU	Ok
9	Q1356-04MS	CARBON-WATERMS	BF141635.D	14 Feb 2025 13:11		RC/JU	Ok,M
10	Q1356-04MSD	CARBON-WATERMSD	BF141636.D	14 Feb 2025 13:37		RC/JU	Ok,M
11	SSTDCCC040	SSTDCCC040EC	BF141637.D	14 Feb 2025 14:12		RC/JU	Ok
12	DFTPP	DFTPP	BF141638.D	14 Feb 2025 14:38		RC/JU	Ok
13	SSTDCCC040	SSTDCCC040	BF141639.D	14 Feb 2025 15:04		RC/JU	Ok
14	PB166719BL	PB166719BL	BF141640.D	14 Feb 2025 15:30		RC/JU	Ok
15	PB166719BS	PB166719BS	BF141641.D	14 Feb 2025 15:56		RC/JU	Ok,M
16	Q1356-05RE	CARBON-FBRE	BF141642.D	14 Feb 2025 16:30	Surrogate Fail	RC/JU	Confirms
17	Q1356-08RE	WATER-FBRE	BF141643.D	14 Feb 2025 16:56	Surrogate Fail	RC/JU	Confirms
18	Q1365-01	366	BF141644.D	14 Feb 2025 17:22		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF021425

Review By	yogesh	Review On	2/15/2025 4:28:05 AM		
Supervise By	Jagrut	Supervise On	2/19/2025 4:55:08 PM		
SubDirectory	BF021425	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME		STD REF.#			
Tune/Reschk		SP6717			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12651,10ul/1000ul sample			
ICV/I.BLK		SP6686			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q1365-08	357	BF141645.D	14 Feb 2025 17:49		RC/JU	Ok
20	Q1365-04	VNJ-213	BF141646.D	14 Feb 2025 18:15		RC/JU	Ok,M
21	Q1365-02	VNJ-214	BF141647.D	14 Feb 2025 18:41		RC/JU	Ok,M
22	Q1331-01DL	MW1RDL	BF141648.D	14 Feb 2025 19:08		RC/JU	Ok
23	Q1365-06	348	BF141649.D	14 Feb 2025 19:34		RC/JU	Ok,M
24	Q1365-06MS	348MS	BF141650.D	14 Feb 2025 20:00		RC/JU	Ok,M
25	Q1365-06MSD	348MSD	BF141651.D	14 Feb 2025 20:26		RC/JU	Ok,M
26	Q1365-07	RBR22266	BF141652.D	14 Feb 2025 20:52		RC/JU	Ok,M
27	Q1366-01	HD-01-2132025	BF141653.D	14 Feb 2025 21:19		RC/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Extraction Start Date : 02/10/2025

Matrix : Water

Extraction Start Time : 08:35

Weigh By: N/A

Extraction By: RS

Extraction End Date : 02/10/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 13:35

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3574

Hood ID: 4,6,7

Supervisor By : rajesh

Extraction Method: ☒ Separatory Funnel

☐ Continous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6720
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	E3874
Baked Na2SO4	N/A	EP2585
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. p H Adjusted<2 with 1:1 H2SO4 &>11 with 10N NaOH.

KD Bath ID: Water bath -01,02

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/10/25	RP (Ext Lab)	AC / SVOC
13:40	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 02/10/2025

Sample ID	Client Sample ID	Test	g / (ml)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166641BL	SBLK641	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			SEP-01
PB166641BS	SLCS641	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			2
PB166641BS D	SLCSD641	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			3
Q1331-01	MW1R	SVOC-TCL BNA -20	970	6	RUPESH	rajesh	1	C		4

* Extracts relinquished on the same date as received.

2/10/25

Q1335
18641

WORKLIST(Hardcopy Internal Chain)

Worklist Name : Q1231S

Worklist ID : 187601

Department : Extraction

Date : 02-10-2025 08:21:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1331-01	MMW1R	Water	SVOC-TCL BNA -20	Cool 4 deg C	GENV01	N41	02/06/2025	8270E

Date/Time

02/10/25

8:30

Raw Sample Received by:

RS (Ext 105)

Raw Sample Relinquished by:

RS (Ext 105)

Date/Time

02/10/25

8:45

Raw Sample Received by:

RS (Ext 105)

Raw Sample Relinquished by:

RS (Ext 105)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Geop Inc
ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Power
PROJECT NO.: LOCATION: Newark NJ
PROJECT MANAGER: GL
e-mail: gary@9-environmental.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Geop Inc PO#:
ADDRESS: 8 Carriage
CITY: Succasunna NJ STATE: NJ ZIP: 07876
ATTENTION: PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other excel
EDD FORMAT haszite, pdf, excel

1 2 3 4 5 6 7 8 9
TU VOYLS
TEL 6/2/15

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE
COMP GRAB

SAMPLE
COLLECTION
DATE TIME

OF BOTTLES

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

MWIR

GW

X 2/6/25

4

X

X

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:

DATE/TIME: 2-7-25

RECEIVED BY:

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C

1. HL

DATE/TIME: 8:35

1. OK

Comments:

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

2.

DATE/TIME:

2.

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

3.

DATE/TIME:

3.

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

MWIR

SPC #1



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1331	GENV01	Order Date : 2/7/2025 10:36:56 AM	Project Mgr :
Client Name : G Environmental		Project Name : Power	Report Type : Level 1 nj reduce
Client Contact : Gary Landis		Receive DateTime : 2/7/2025 8:25:00 AM	EDD Type : Excel NJ
Invoice Name : G Environmental		Purchase Order :	Hard Copy Date :
Invoice Contact : Gary Landis			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1331-01	MW1R	Water	02/06/2025	00:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinquished By :

Date / Time : 2-7-25 11:00

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room